

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021261.D
 Acq On : 29 Jun 2019 14:37
 Operator : HP/JU
 Sample : K3593-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	25	rVB	2787384	3372579	9.35%	1.086%
2	4.405	237	241	253	rVB	357134	489636	1.36%	0.158%
3	6.787	638	646	653	rVB	132233	259886	0.72%	0.084%
4	6.863	654	659	664	rVB	240812	328326	0.91%	0.106%
5	6.928	664	670	681	rVB	1051422	1755745	4.87%	0.565%
6	7.098	694	699	706	rBV	811620	1219587	3.38%	0.393%
7	7.293	725	732	741	rVB	1087468	1751752	4.86%	0.564%
8	7.757	805	811	818	rBV	1040543	1643520	4.56%	0.529%
9	8.463	924	931	946	rVB	1415938	2287851	6.34%	0.736%
10	8.922	1001	1009	1018	rBV	1057632	1791049	4.97%	0.577%
11	9.287	1066	1071	1076	rVB	170965	243015	0.67%	0.078%
12	9.634	1122	1130	1141	rBV	920215	1561427	4.33%	0.503%
13	10.169	1213	1221	1234	rBV	1520691	2582565	7.16%	0.831%
14	10.545	1278	1285	1292	rBV	1493371	2475925	6.87%	0.797%
15	10.698	1304	1311	1326	rBV	231238	562017	1.56%	0.181%
16	11.339	1414	1420	1432	rBV	115292	198783	0.55%	0.064%
17	11.775	1490	1494	1502	rVB	105350	160196	0.44%	0.052%
18	12.675	1639	1647	1653	rBV	159727	279934	0.78%	0.090%
19	13.816	1830	1841	1845	rBV	2771816	3992382	11.07%	1.285%
20	13.857	1845	1848	1855	rVB	693968	964835	2.68%	0.311%
21	14.092	1881	1888	1900	rVB	3059611	4646134	12.88%	1.495%
22	14.398	1934	1940	1947	rBV2	2363104	3485391	9.67%	1.122%
23	14.610	1970	1976	1988	rBV	804505	1456988	4.04%	0.469%
24	14.816	2007	2011	2023	rVV2	159811	290118	0.80%	0.093%
25	15.392	2104	2109	2116	rVV	3930339	5748397	15.94%	1.850%
26	15.521	2126	2131	2142	rBV	830907	1186826	3.29%	0.382%
27	15.633	2143	2150	2154	rBV3	75467	134931	0.37%	0.043%
28	15.716	2160	2164	2175	rBV3	80008	172267	0.48%	0.055%
29	15.945	2198	2203	2213	rBV4	96327	209911	0.58%	0.068%
30	16.104	2226	2230	2233	rBV2	58483	99064	0.27%	0.032%
31	16.251	2251	2255	2260	rBV	145935	221110	0.61%	0.071%
32	16.474	2289	2293	2300	rVB	259607	370857	1.03%	0.119%
33	16.551	2300	2306	2311	rBV	843882	1141941	3.17%	0.368%
34	16.768	2338	2343	2347	rBV	120019	184134	0.51%	0.059%

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35	16.898	2358	2365	2368	rBV4	121830	214056	0.59%	0.069%
36	17.045	2385	2390	2397	rBV	1045878	1566056	4.34%	0.504%
37	17.110	2397	2401	2403	rVV	611787	767604	2.13%	0.247%
38	17.151	2403	2408	2411	rVV2	2629007	4069631	11.29%	1.310%
39	17.186	2411	2414	2418	rVV2	873741	1284537	3.56%	0.413%
40	17.245	2418	2424	2433	rVB2	3829366	5868753	16.27%	1.889%
41	17.315	2433	2436	2441	rBV	299757	389194	1.08%	0.125%
42	17.404	2448	2451	2458	rVB4	83424	152556	0.42%	0.049%
43	17.527	2465	2472	2482	rVV2	405973	704560	1.95%	0.227%
44	17.668	2492	2496	2502	rVB3	93267	152144	0.42%	0.049%
45	17.786	2511	2516	2523	rBV3	240847	501897	1.39%	0.162%
46	17.857	2523	2528	2534	rBV6	136876	333846	0.93%	0.107%
47	17.945	2534	2543	2548	rVV	6044395	11208124	31.08%	3.608%
48	18.004	2548	2553	2558	rVV	7373299	11309000	31.36%	3.640%
49	18.074	2558	2565	2584	rVV	12392714	21159953	58.68%	6.811%
50	18.215	2585	2589	2592	rVV2	116947	178738	0.50%	0.058%
51	18.345	2605	2611	2617	rBV3	510637	928365	2.57%	0.299%
52	18.474	2630	2633	2639	rBV	272382	347785	0.96%	0.112%
53	18.533	2639	2643	2647	rVV2	199978	278040	0.77%	0.089%
54	18.598	2651	2654	2658	rVB2	145888	189799	0.53%	0.061%
55	18.645	2659	2662	2668	rVB2	173302	280376	0.78%	0.090%
56	18.709	2670	2673	2676	rBV	166121	219952	0.61%	0.071%
57	18.774	2681	2684	2687	rBV3	82969	96823	0.27%	0.031%
58	18.904	2703	2706	2709	rBV2	116950	153780	0.43%	0.049%
59	18.962	2713	2716	2720	rVB	194704	223858	0.62%	0.072%
60	19.062	2728	2733	2738	rBV	1123158	1499641	4.16%	0.483%
61	19.109	2738	2741	2748	rVB	270173	338515	0.94%	0.109%
62	19.198	2749	2756	2757	rBV	6392174	9928729	27.53%	3.196%
63	19.221	2757	2760	2775	rVV3	9070445	20391992	56.55%	6.564%
64	19.333	2775	2779	2789	rVB	2126038	3207428	8.89%	1.032%
65	19.545	2809	2815	2818	rBV	4048537	5850131	16.22%	1.883%
66	19.615	2825	2827	2830	rVB2	163432	147839	0.41%	0.048%
67	19.839	2862	2865	2869	rVB	110091	133951	0.37%	0.043%
68	20.056	2898	2902	2903	rBV3	366399	419530	1.16%	0.135%
69	20.139	2913	2916	2918	rBV2	195918	229689	0.64%	0.074%
70	20.168	2919	2921	2925	rVV2	156702	226052	0.63%	0.073%
71	20.404	2958	2961	2968	rBV4	329546	672309	1.86%	0.216%

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72	21.039	3065	3069	3077	rVB2	2699166	3393121	9.41%	1.092%
73	21.333	3112	3119	3123	rBV2	2990966	5138289	14.25%	1.654%
74	21.368	3123	3125	3133	rVB	953108	1159963	3.22%	0.373%
75	21.480	3140	3144	3153	rVB3	396851	624286	1.73%	0.201%
76	21.656	3171	3174	3179	rVB2	427188	491375	1.36%	0.158%
77	21.915	3214	3218	3219	rBV	1278960	1525675	4.23%	0.491%
78	21.939	3219	3222	3230	rVB2	2536492	3425465	9.50%	1.103%
79	22.121	3250	3253	3260	rVB3	384758	550698	1.53%	0.177%
80	22.380	3293	3297	3301	rBV	518795	766139	2.12%	0.247%
81	22.421	3301	3304	3310	rVB	328113	449076	1.25%	0.145%
82	22.509	3316	3319	3324	rVB	541183	747584	2.07%	0.241%
83	22.621	3332	3338	3356	rVB	12162425	17126978	47.50%	5.513%
84	22.903	3380	3386	3389	rBV	3206767	6044714	16.76%	1.946%
85	22.956	3389	3395	3405	rVB	19833585	36060442	100.00%	11.607%
86	23.168	3428	3431	3437	rVB	330879	447131	1.24%	0.144%
87	23.409	3469	3472	3475	rBV	312454	409235	1.13%	0.132%
88	23.462	3475	3481	3486	rBV	2732878	5019384	13.92%	1.616%
89	23.603	3500	3505	3511	rBV2	1635135	3002510	8.33%	0.966%
90	23.792	3531	3537	3545	rVB	3955766	6916017	19.18%	2.226%
91	24.127	3587	3594	3602	rVB	4724491	9485887	26.31%	3.053%
92	24.215	3603	3609	3622	rVV	3178339	6457541	17.91%	2.079%
93	24.886	3716	3723	3736	rVB4	1430846	3497601	9.70%	1.126%
94	25.338	3793	3800	3811	rVB	2461535	5784166	16.04%	1.862%
95	25.762	3864	3872	3878	rBV	2710229	7464409	20.70%	2.403%
96	25.915	3892	3898	3912	rVB3	1351555	4194625	11.63%	1.350%
97	26.044	3913	3920	3939	rVB3	1822768	5644416	15.65%	1.817%
98	26.685	4020	4029	4041	rBV3	4074055	12189629	33.80%	3.924%
99	27.468	4156	4162	4173	rVB5	1015268	3041364	8.43%	0.979%
100	28.279	4291	4300	4318	rVB3	1804227	6722422	18.64%	2.164%

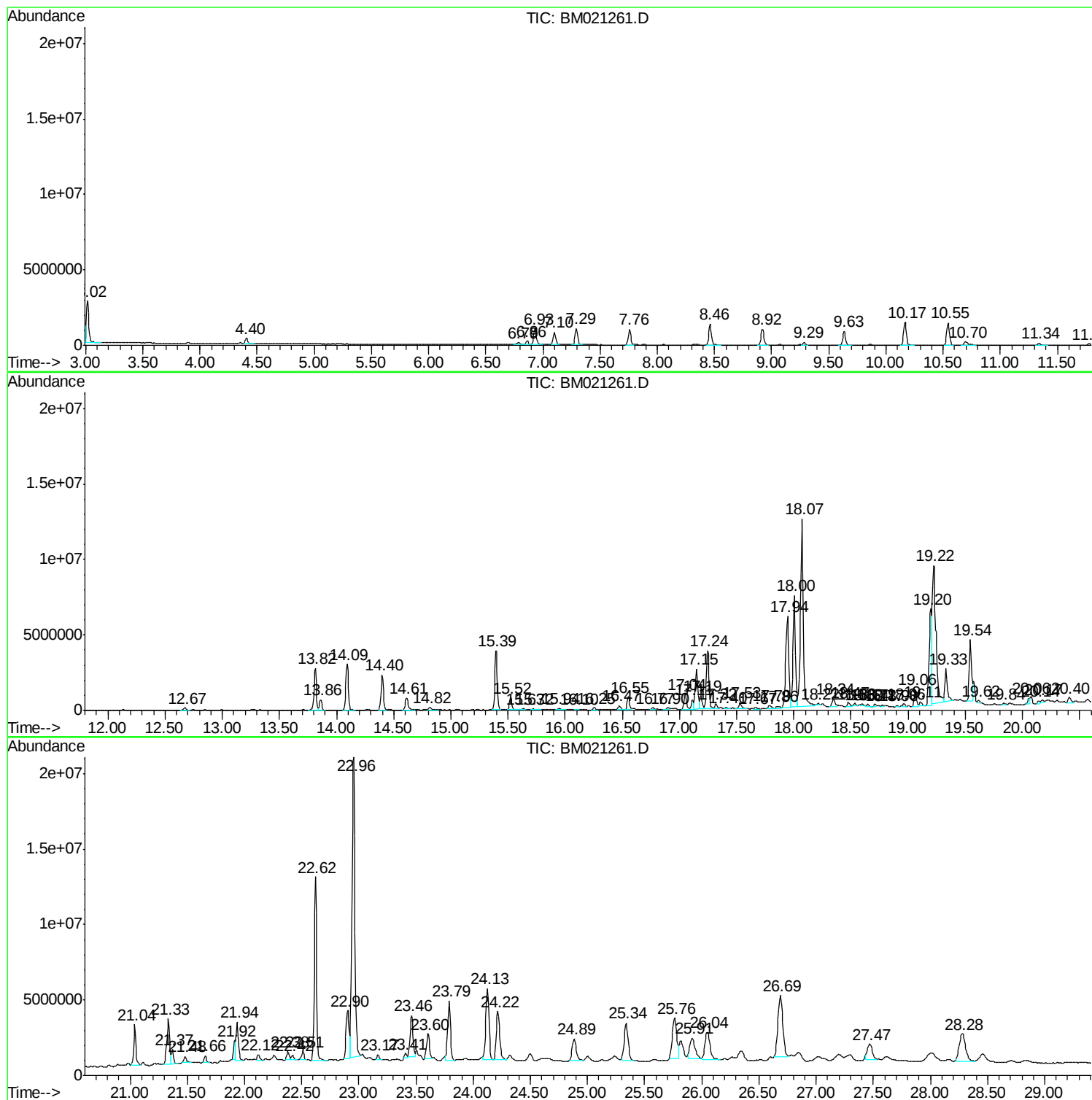
Sum of corrected areas: 310674454

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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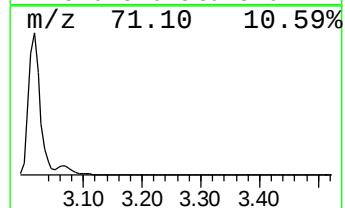
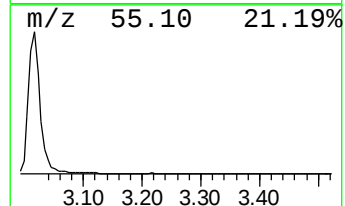
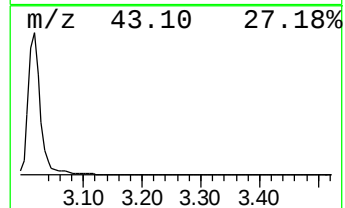
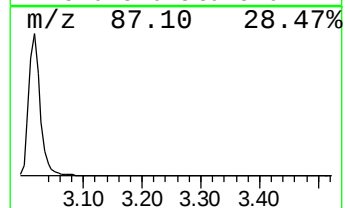
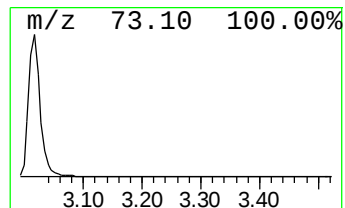
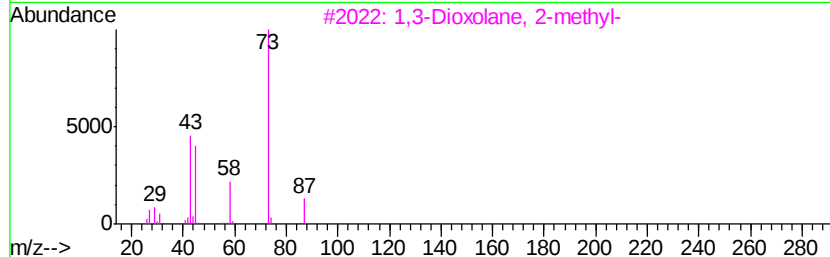
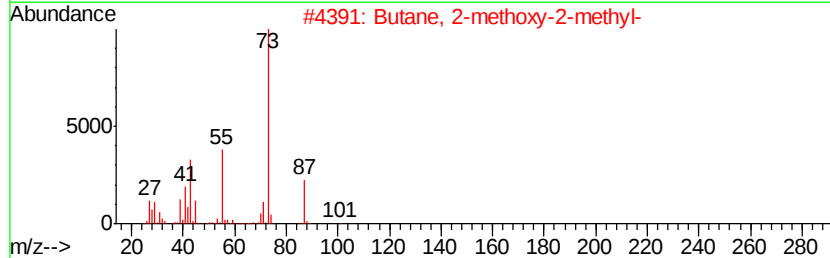
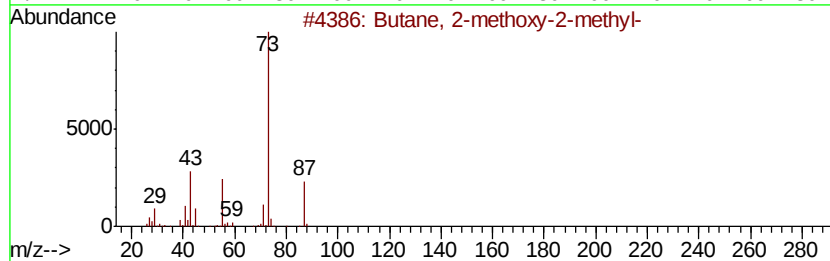
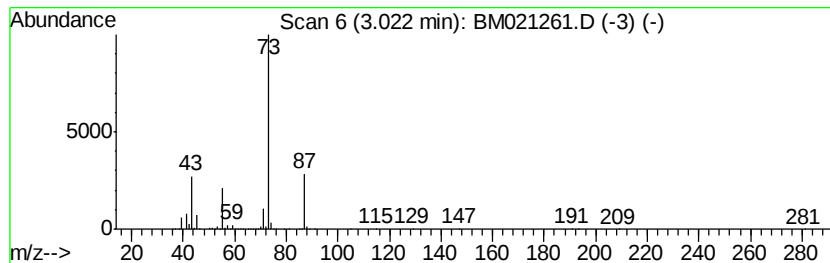
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	41.04 ng/ul	3372580	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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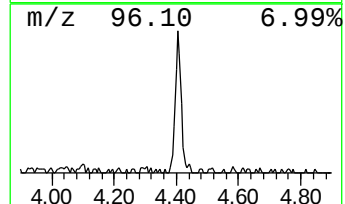
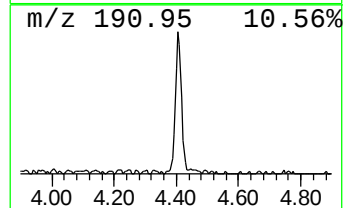
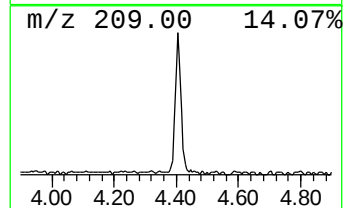
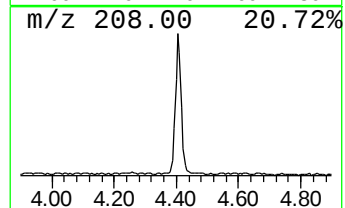
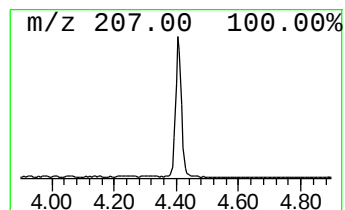
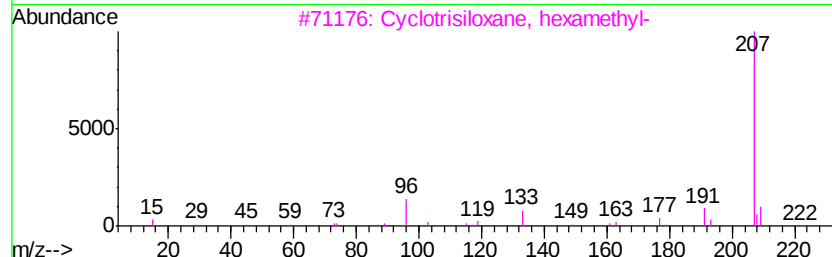
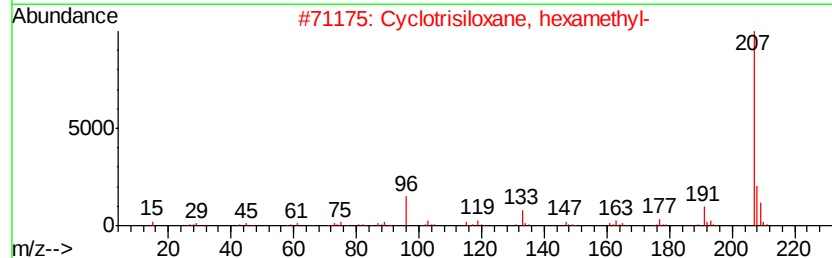
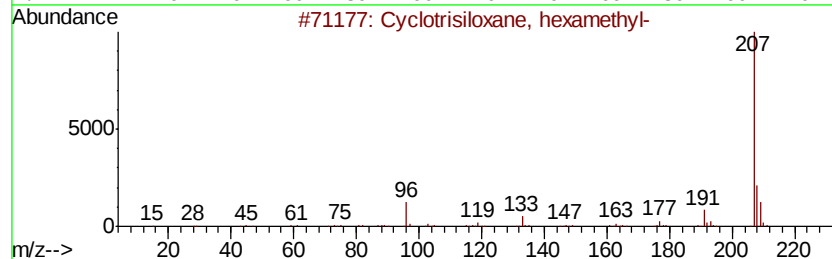
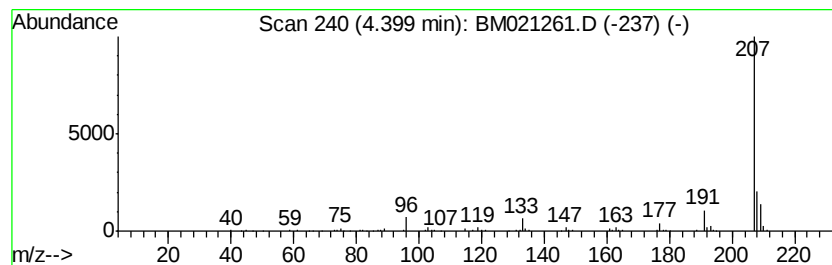
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.96 ng/ul	489636	1,4-Dichlorobenzene-d4	7.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4			1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39



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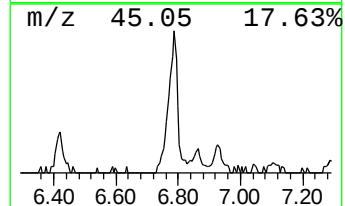
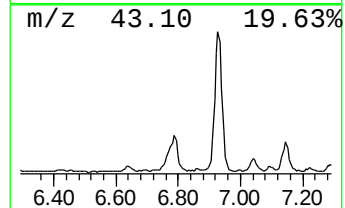
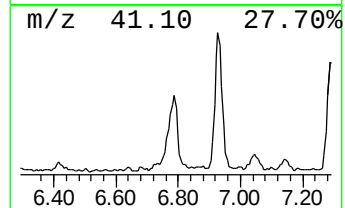
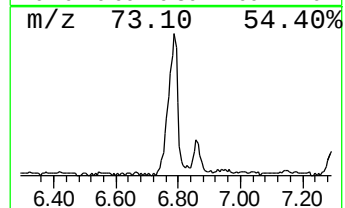
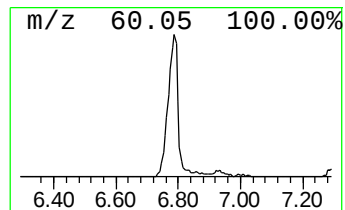
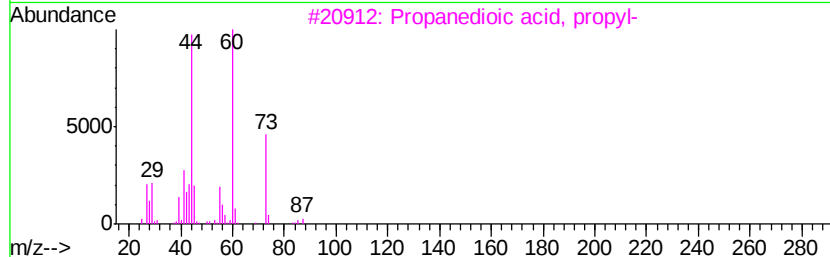
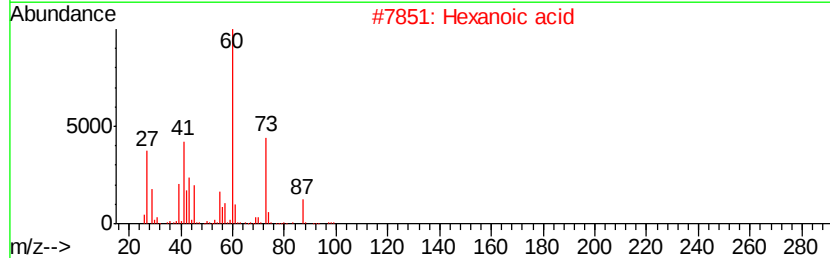
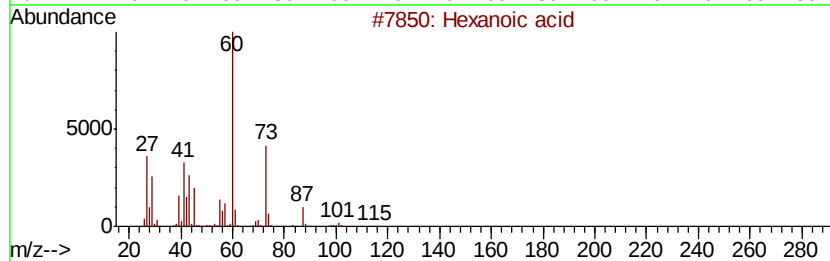
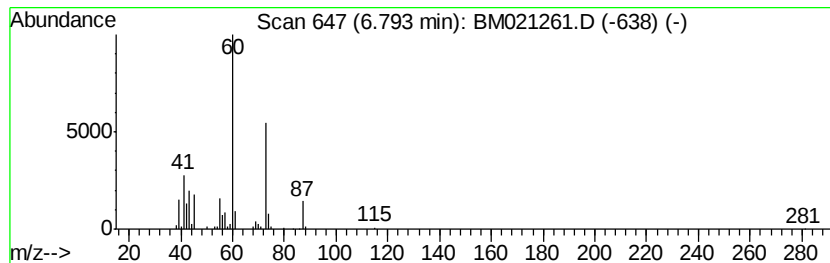
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	3.16 ng/ul	259886	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid	116	C6H12O2	000142-62-1	83
2		Hexanoic acid	116	C6H12O2	000142-62-1	83
3		Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	78
4		Hexanoic acid	116	C6H12O2	000142-62-1	72
5		Pentanoic acid	102	C5H10O2	000109-52-4	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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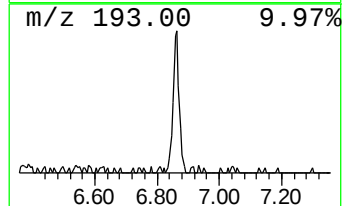
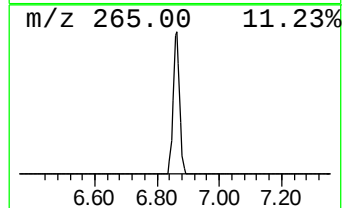
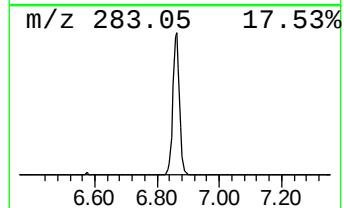
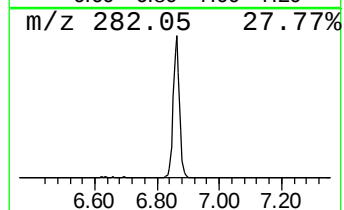
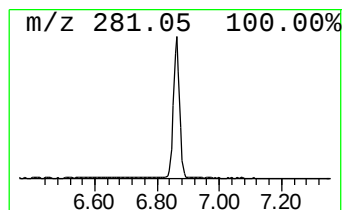
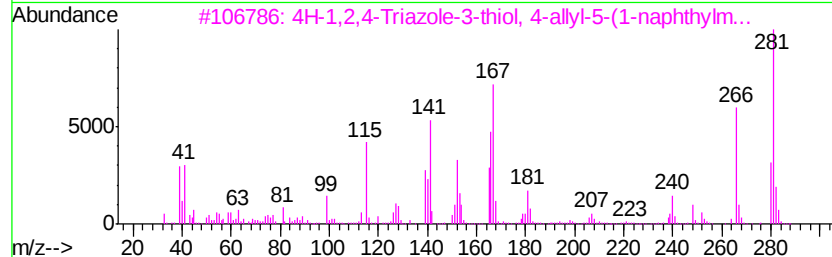
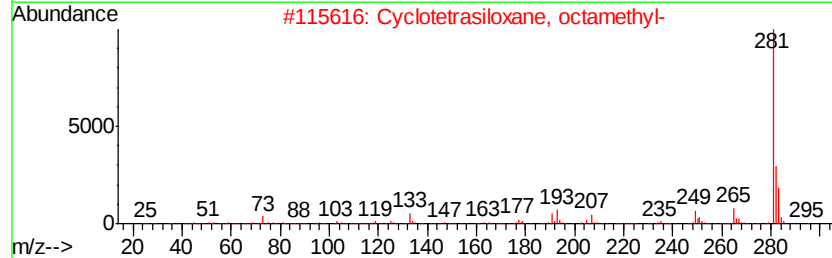
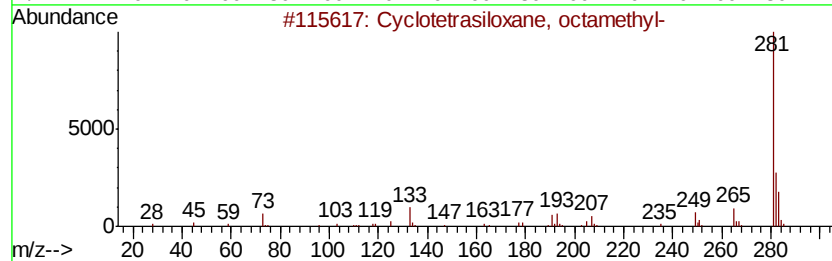
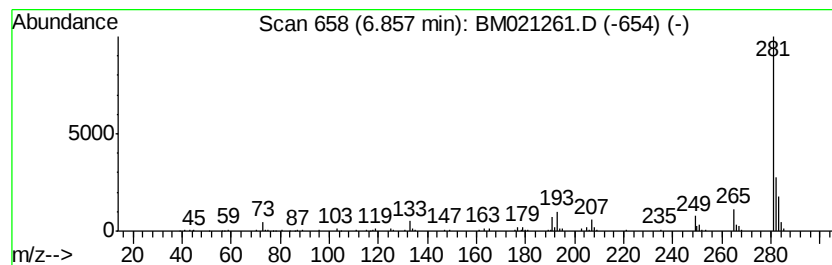
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.00 ng/ul	328326	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
3		4H-1,2,4-Triazole-3-thiol, 4-allyl-5-(1-naphthylm...	281	C16H15N3S	031803-13-1	58
4		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
5		5H-Naphtho[2,3-c]carbazole, 5-methyl-	281	C21H15N	100025-44-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
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ClientSampleId :
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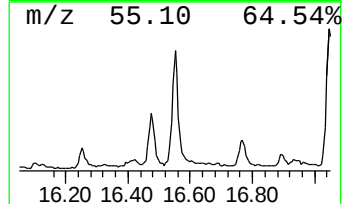
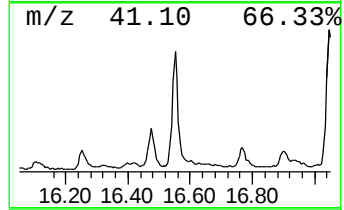
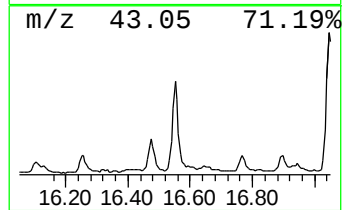
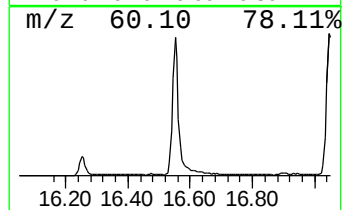
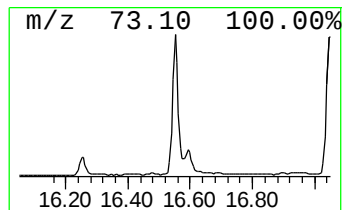
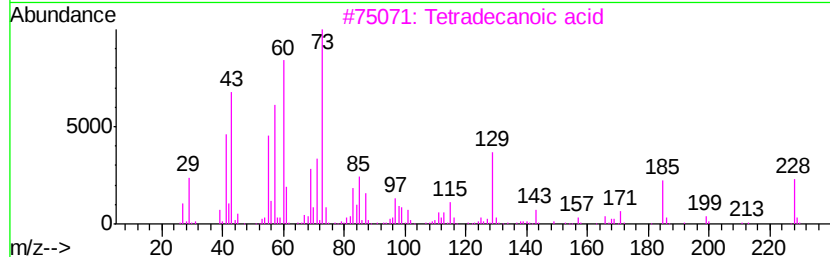
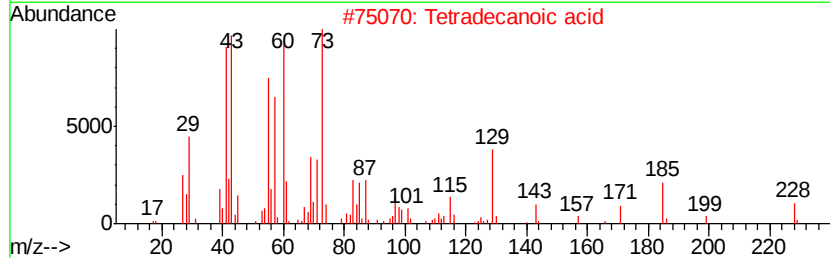
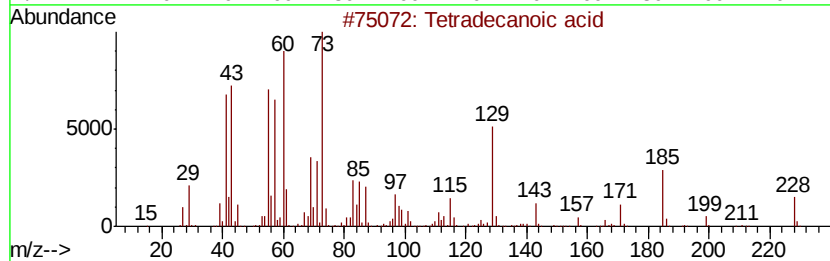
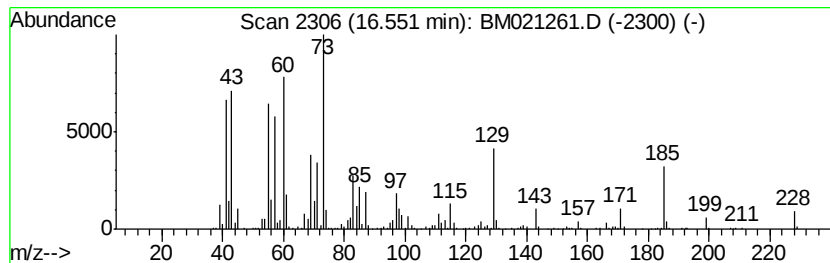
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tetradecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	5.61 ng/ul	1141940	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	96
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	96
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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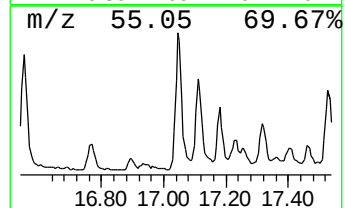
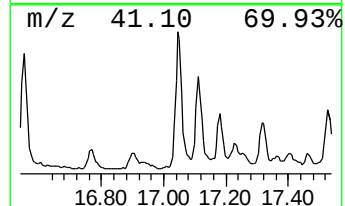
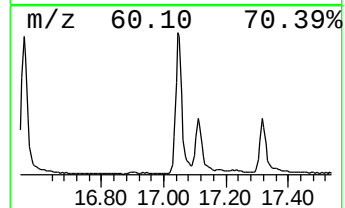
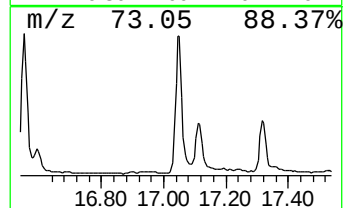
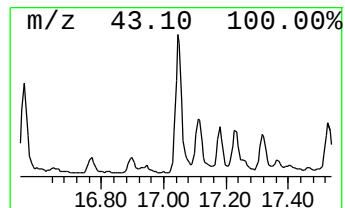
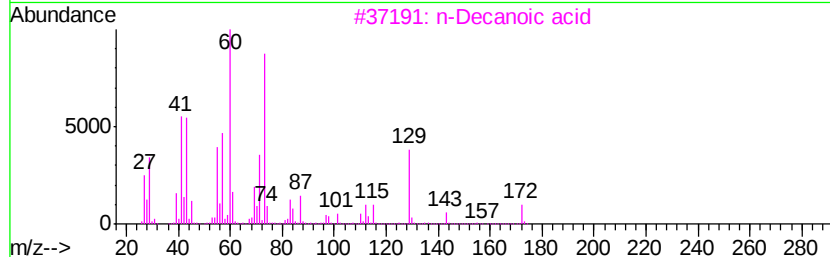
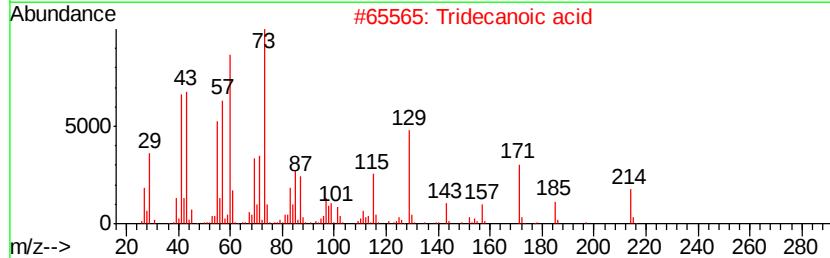
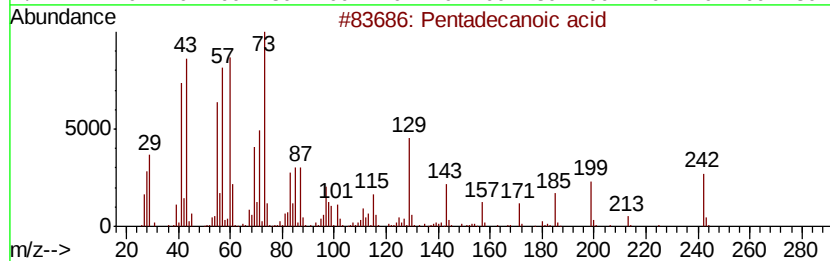
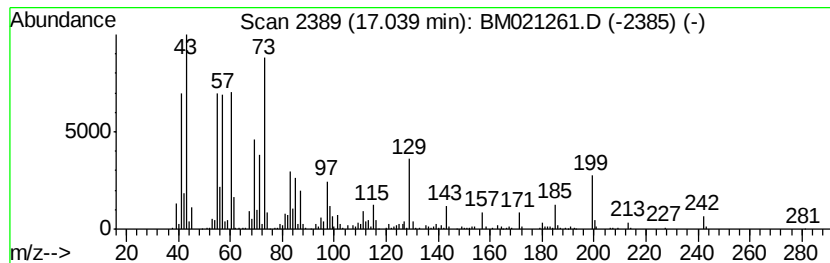
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	7.70 ng/ul	1566060	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2		Tridecanoic acid	214	C13H26O2	000638-53-9	81
3		n-Decanoic acid	172	C10H20O2	000334-48-5	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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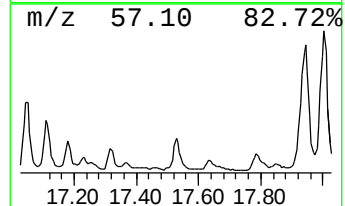
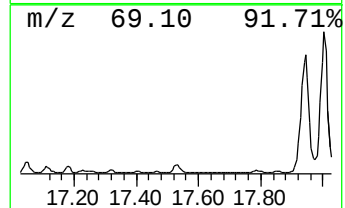
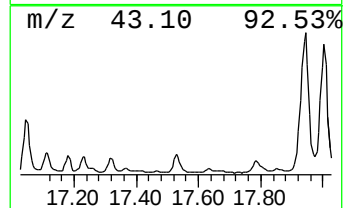
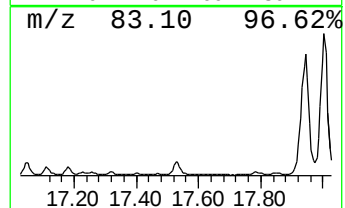
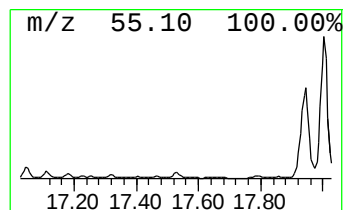
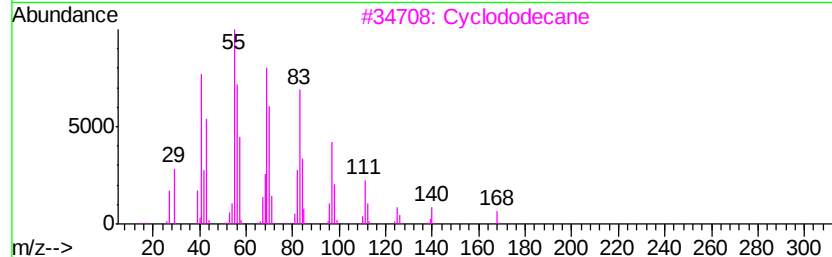
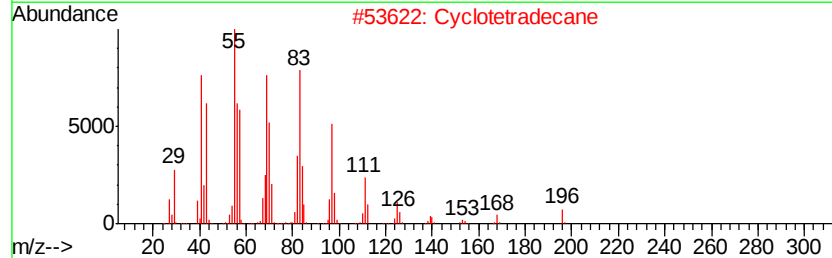
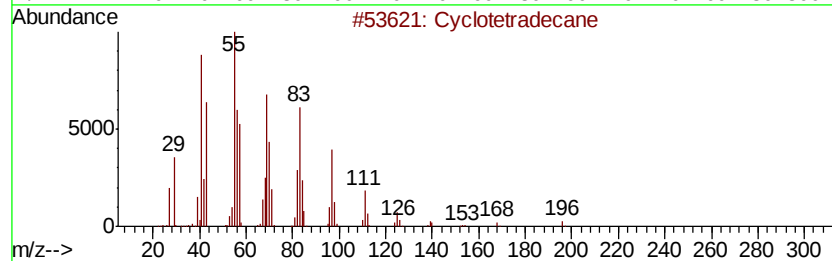
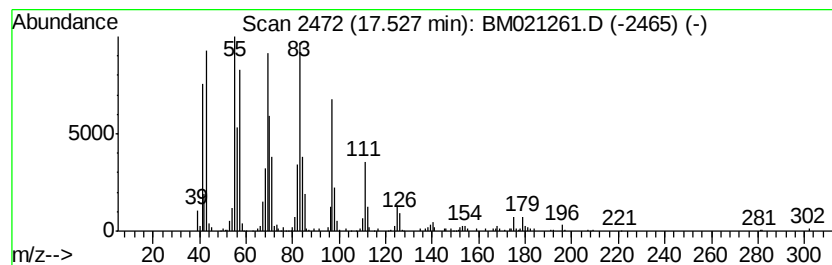
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic17.53 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	3.46 ng/ul	704560	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	97
2		Cyclotetradecane	196	C14H28	000295-17-0	95
3		Cyclododecane	168	C12H24	000294-62-2	95
4		1-Hexadecanol	242	C16H34O	036653-82-4	95
5		1-Hexadecanol	242	C16H34O	036653-82-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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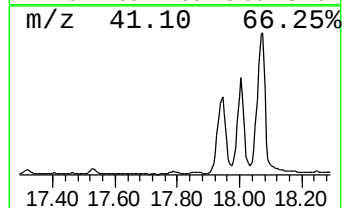
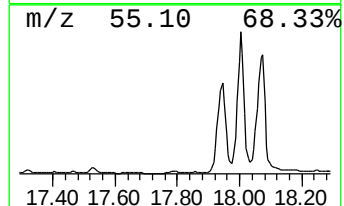
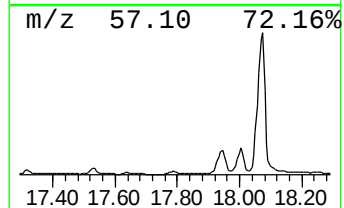
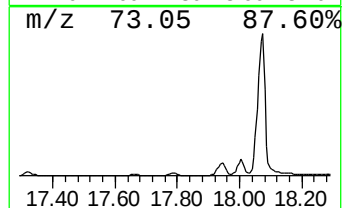
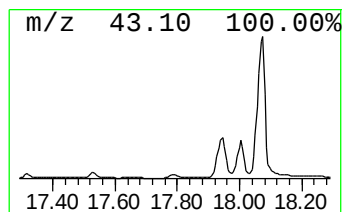
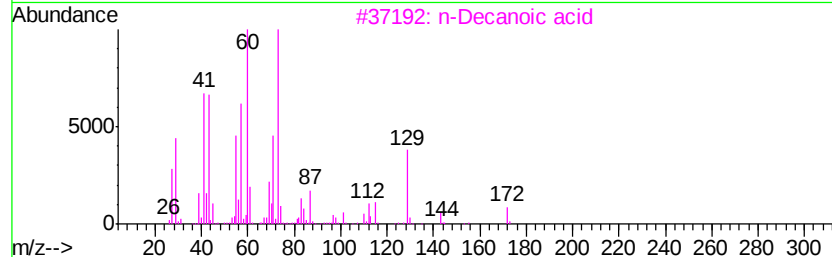
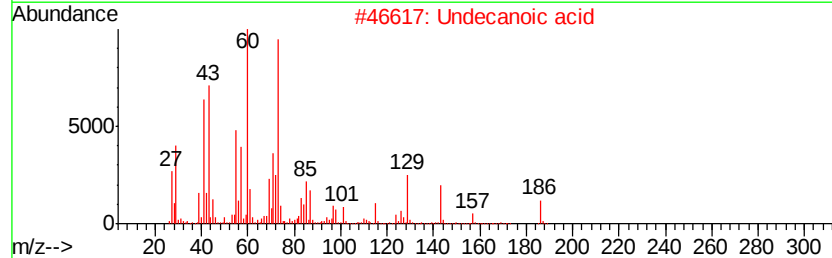
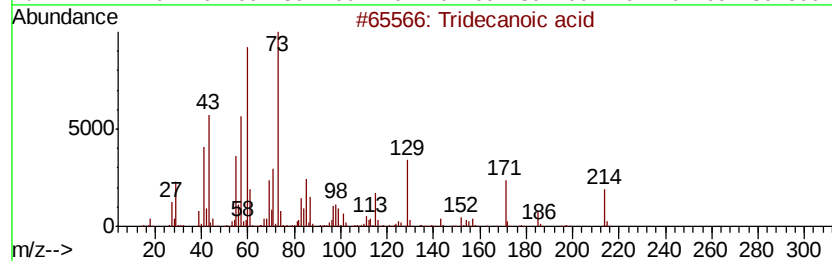
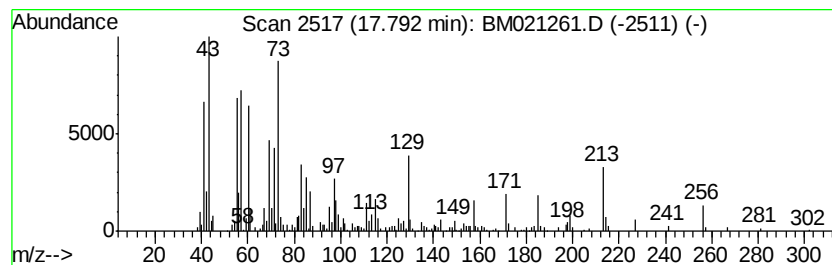
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tridecanoic acid Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.47 ng/ul	501897	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2		Undecanoic acid	186	C11H22O2	000112-37-8	68
3		n-Decanoic acid	172	C10H20O2	000334-48-5	60
4		Undecanoic acid	186	C11H22O2	000112-37-8	50
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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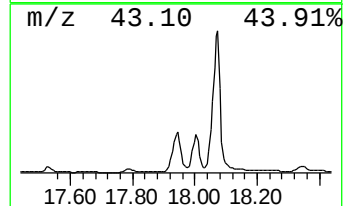
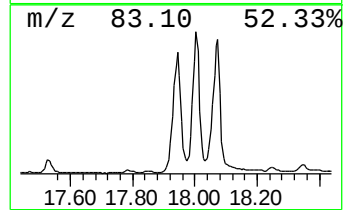
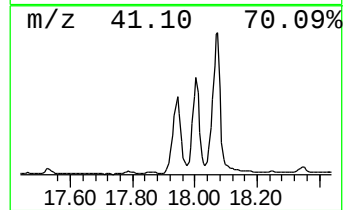
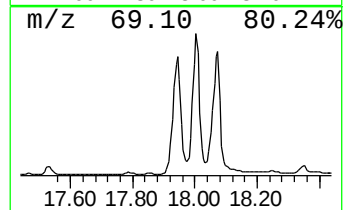
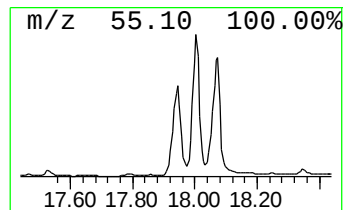
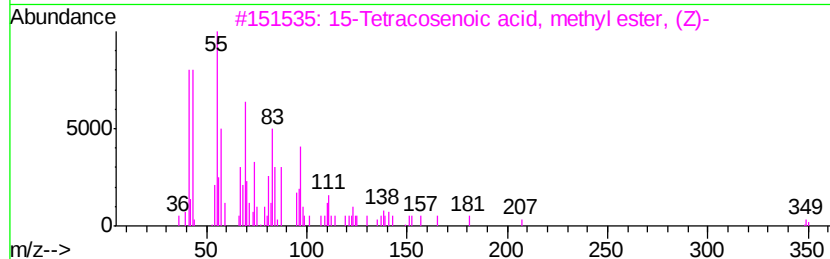
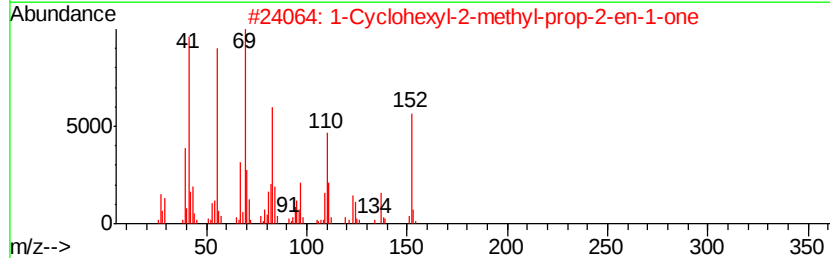
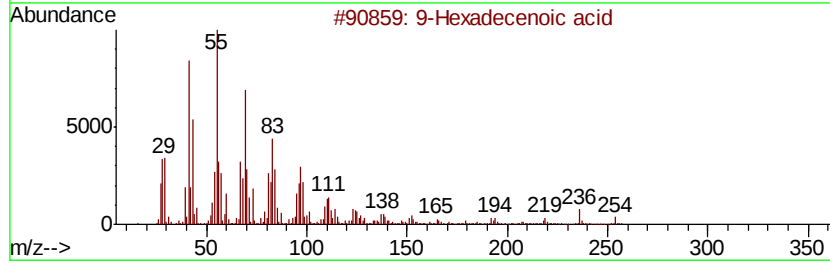
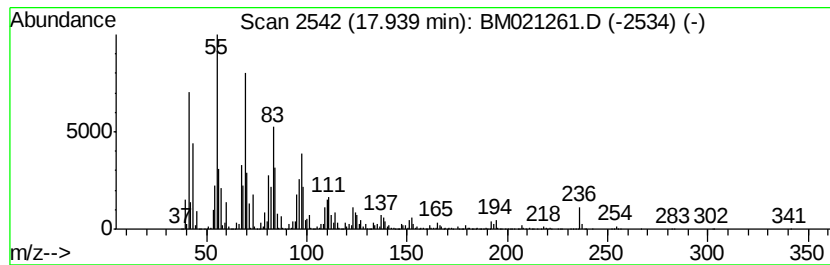
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 9-Hexadecenoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.94	55.08 ng/ul	11208100	Phenanthrene-d10		17.15	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid		254	C16H30O2	002091-29-4	64
2	1-Cyclohexyl-2-methyl-prop-2-en-...		152	C10H16O	025183-82-8	60
3	15-Tetracosenoic acid, methyl es...		380	C25H48O2	002733-88-2	55
4	4-n-Hexylthiane, S,S-dioxide		218	C11H22O2S	070928-52-8	49
5	Hexadecenoic acid, Z-11-		254	C16H30O2	002416-20-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Misc :
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ClientSampleId :
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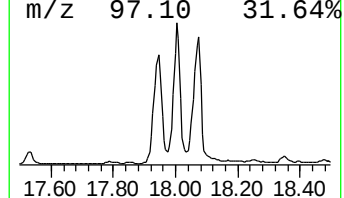
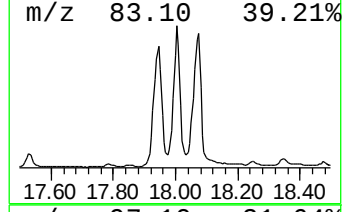
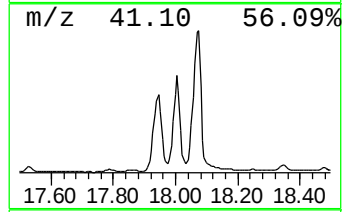
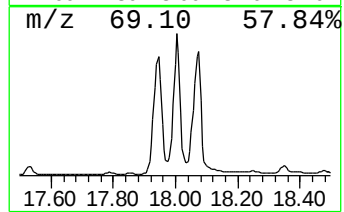
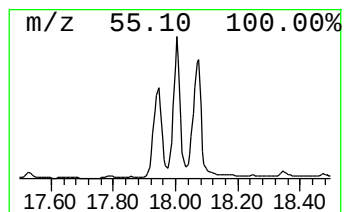
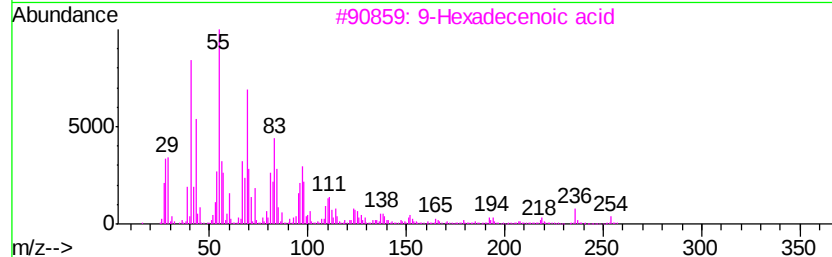
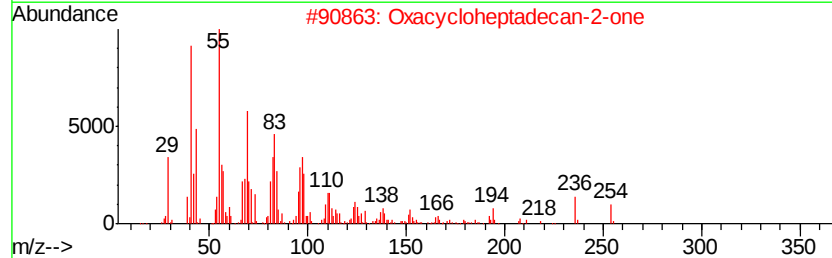
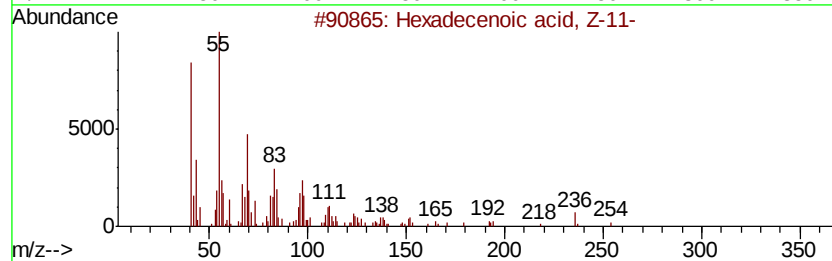
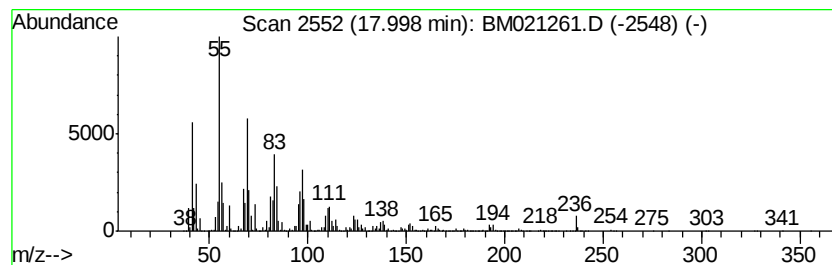
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecenoic acid, Z-11- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	55.58 ng/ul	11309000	Phenanthrene-d10	17.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	94
2		Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	90
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	90
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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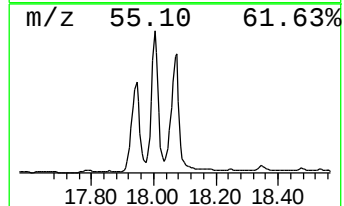
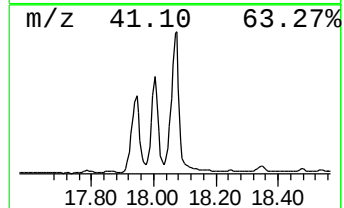
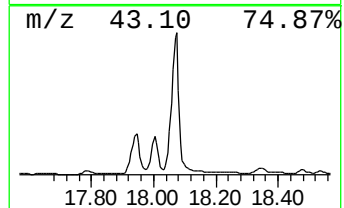
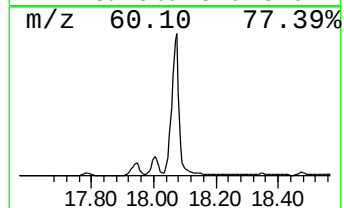
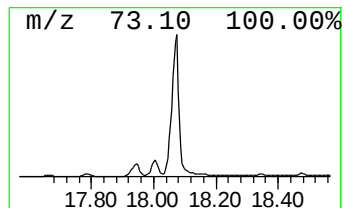
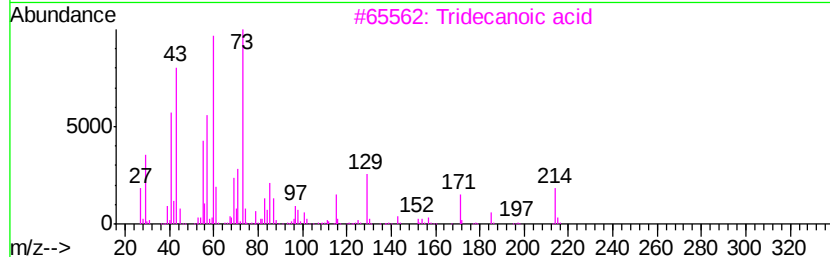
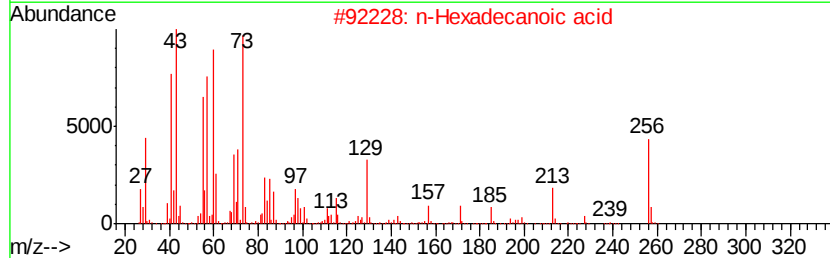
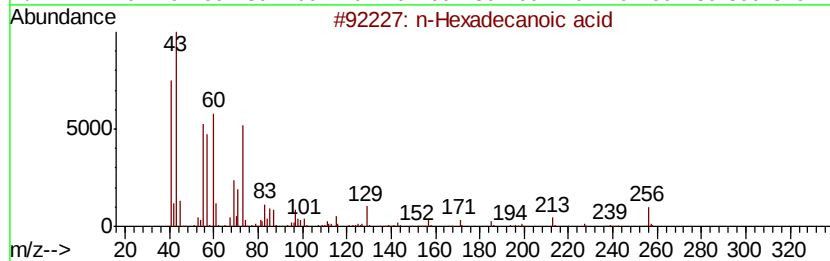
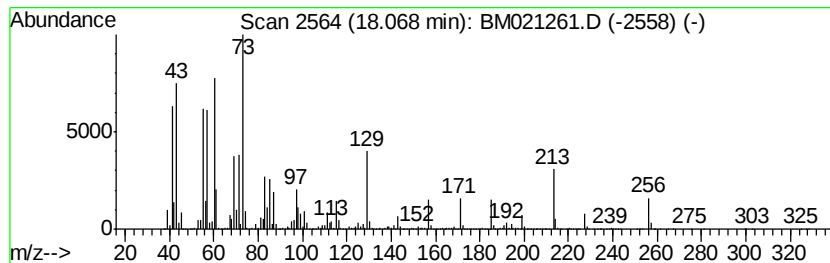
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	103.99 ng/ul	21160000	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	86
5		Undecanoic acid	186	C11H22O2	000112-37-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Misc :
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Instrument :
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ClientSampleId :
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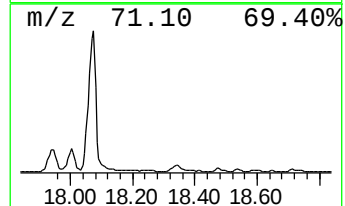
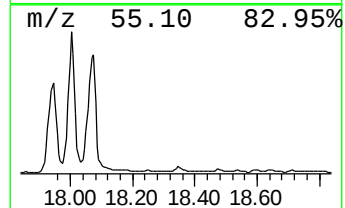
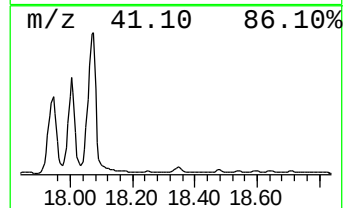
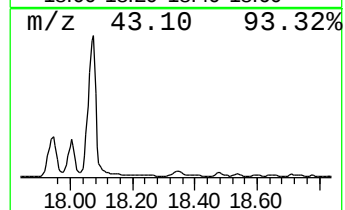
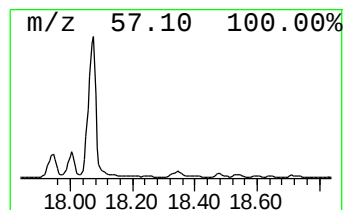
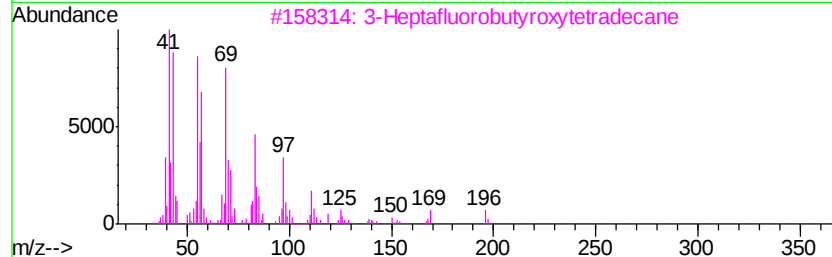
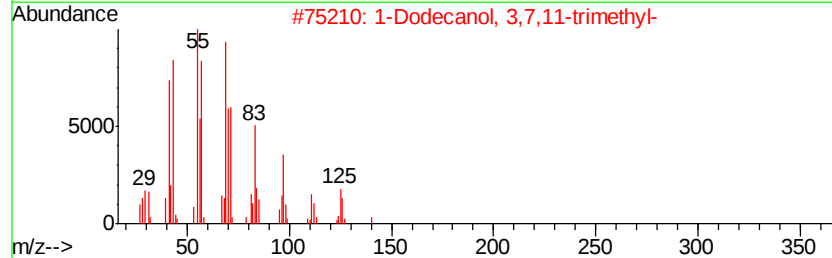
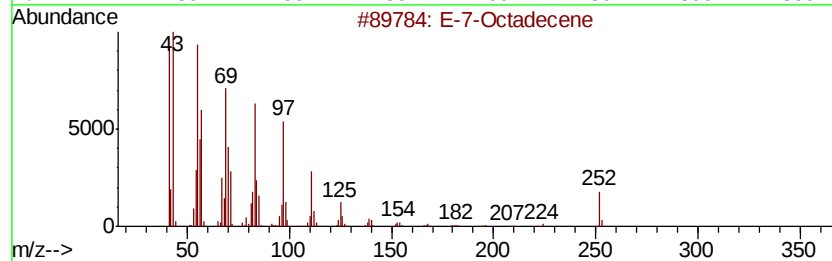
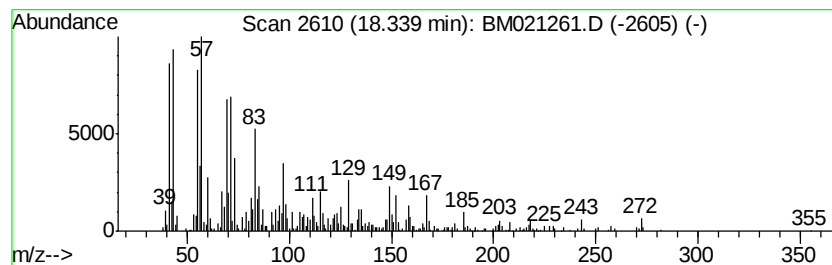
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic18.34 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	4.56 ng/ul	928365	Phenanthrene-d10	17.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			E-7-Octadecene	252	C18H36	1000130-92-0	80
2			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	62
3			3-Heptafluorobutyroxvtetradecane	410	C18H29F7O2	1000245-49-8	58
4			13-Bromotetradecanoic acid	306	C14H27BrO2	1000099-12-8	58
5			7-Heptadecene, 17-chloro-	272	C17H33Cl	056554-79-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
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Instrument :
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ClientSampleId :
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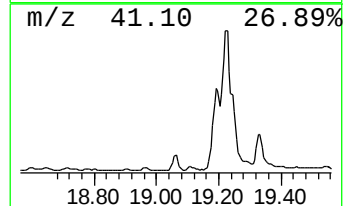
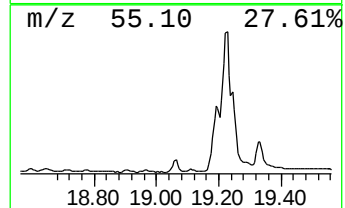
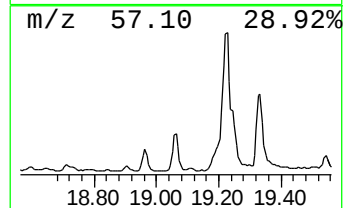
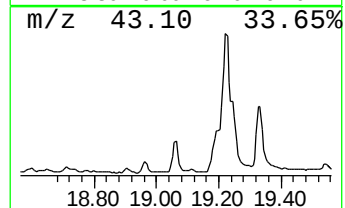
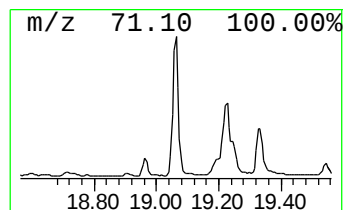
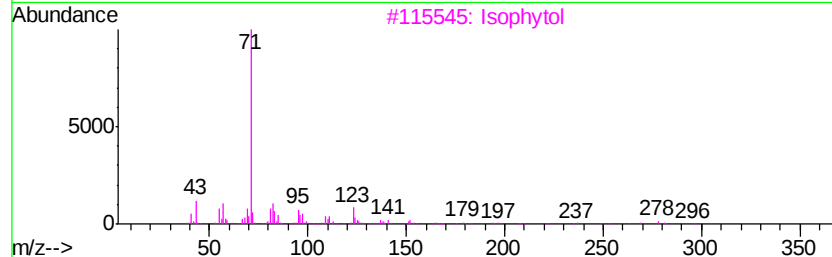
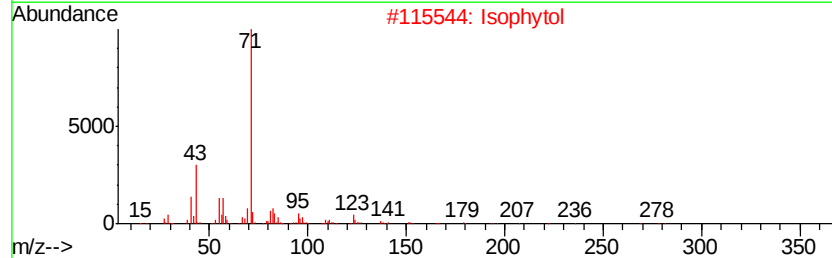
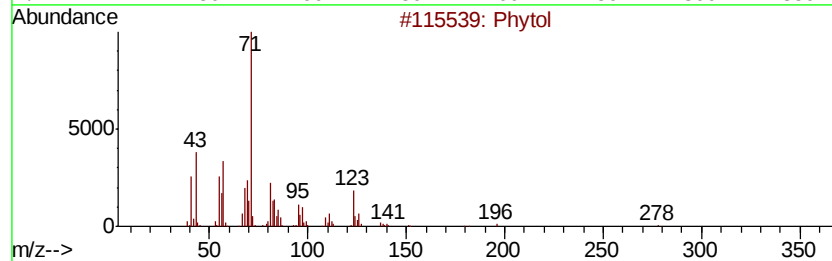
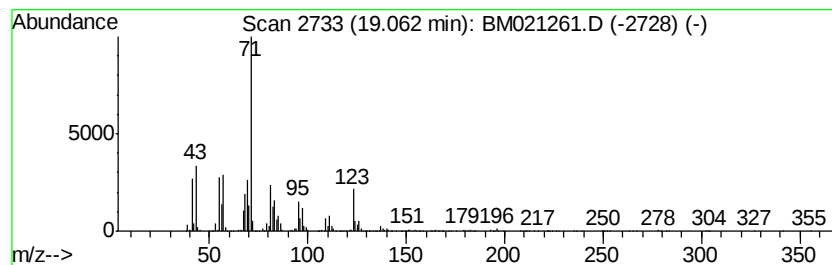
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phytol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	7.37 ng/ul	1499640	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phytol	296	C20H40O	000150-86-7	91
2		Isophytol	296	C20H40O	000505-32-8	64
3		Isophytol	296	C20H40O	000505-32-8	59
4		Phytol	296	C20H40O	000150-86-7	52
5		Phytol	296	C20H40O	000150-86-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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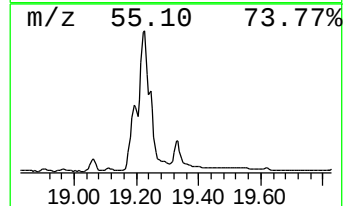
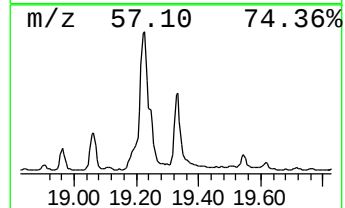
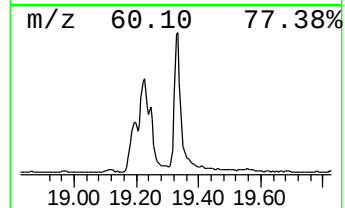
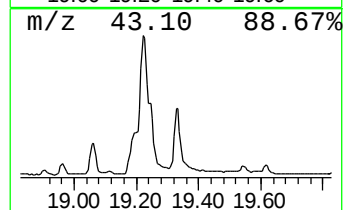
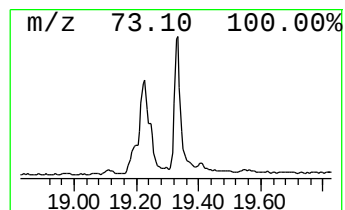
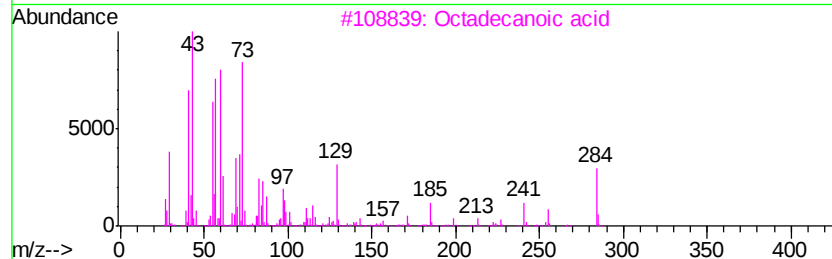
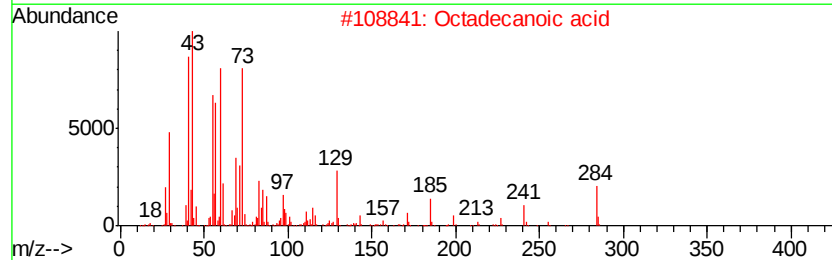
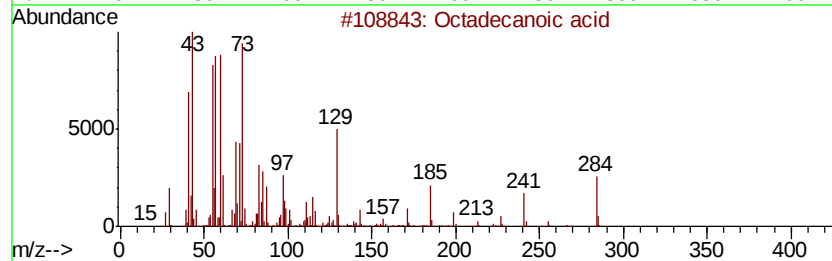
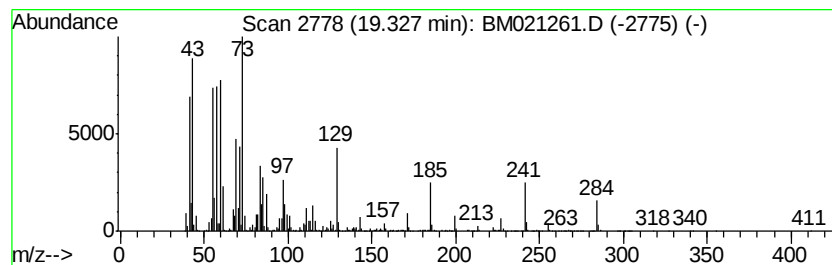
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	12.48 ng/ul	3207430	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-07
Misc :
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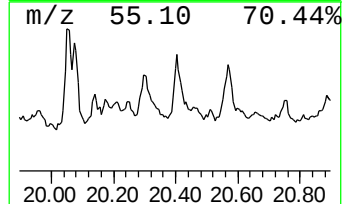
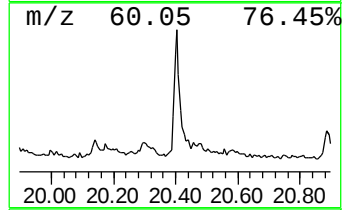
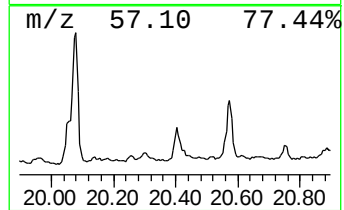
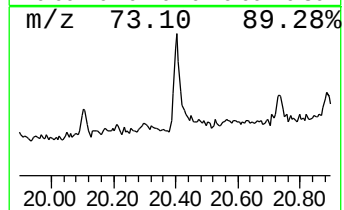
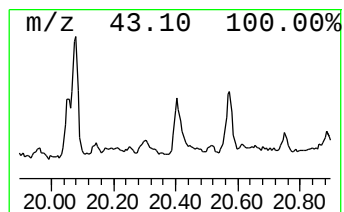
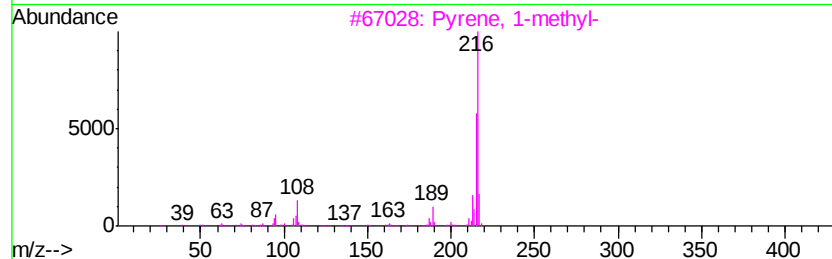
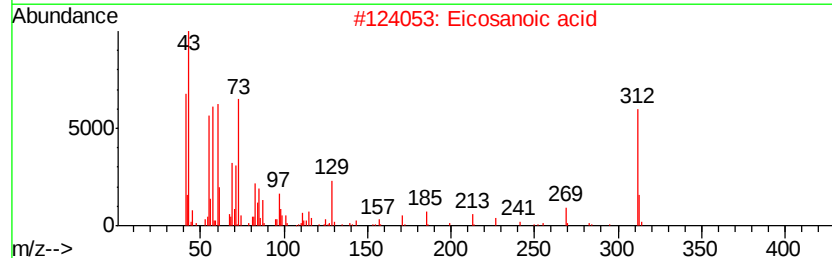
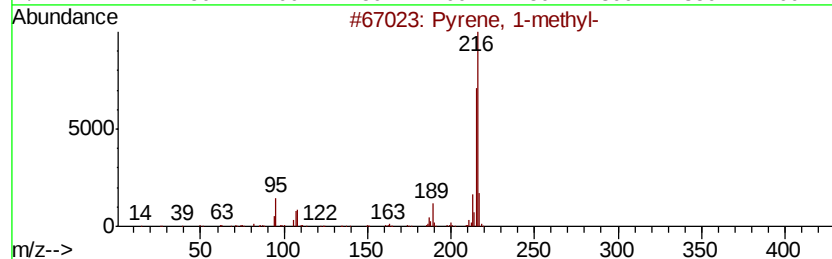
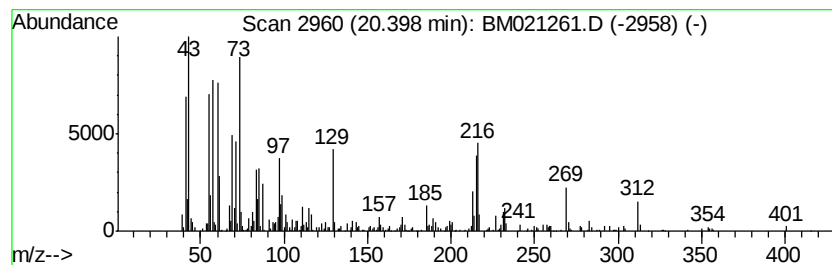
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	2.62 ng/ul	672309	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	89
2	Eicosanoic acid	312 C20H40O2	000506-30-9	86
3	Pyrene, 1-methyl-	216 C17H12	002381-21-7	60
4	11H-Benzo[blfluorene	216 C17H12	000243-17-4	56
5	Pyrene, 1-methyl-	216 C17H12	002381-21-7	51



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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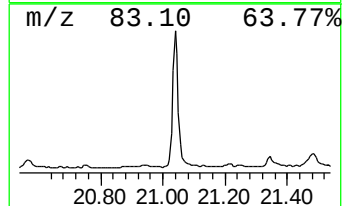
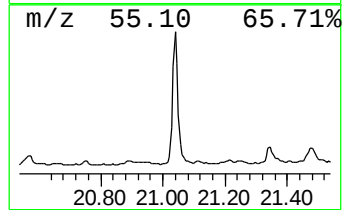
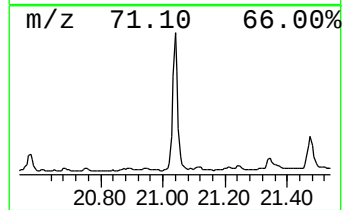
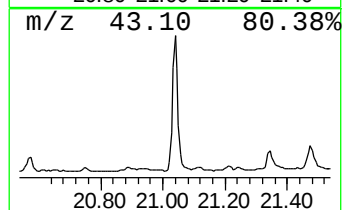
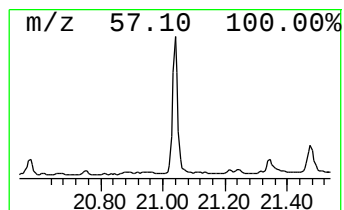
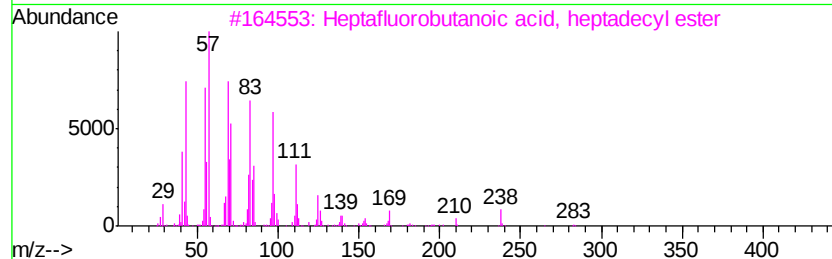
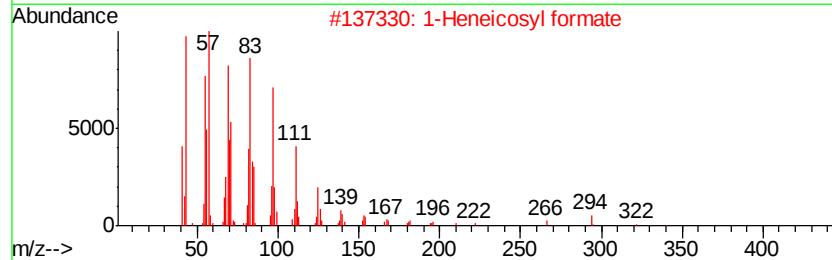
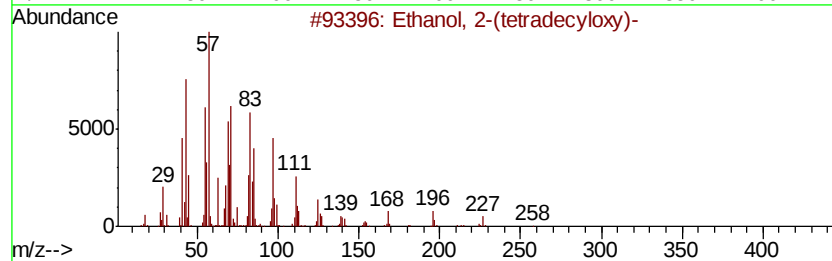
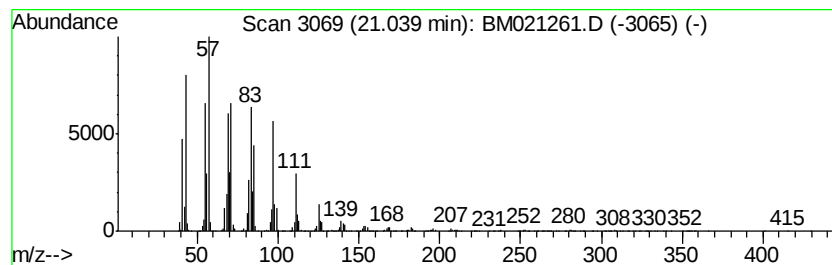
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Ethanol, 2-(tetradecyloxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	13.21 ng/ul	3393120	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Heptafluorobutanoic acid, heptadecyl ester	452	C21H35F7O2	1000282-97-3	90
4		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
5		Pentafluoropropionic acid, heptadecyl ester	402	C20H35F5O2	1000283-04-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

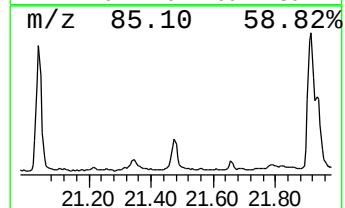
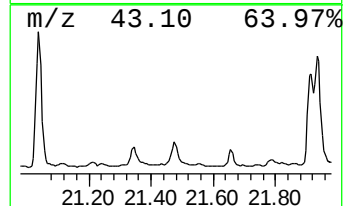
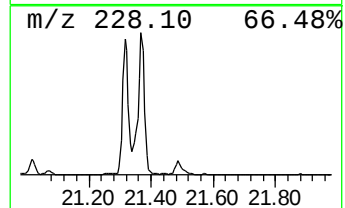
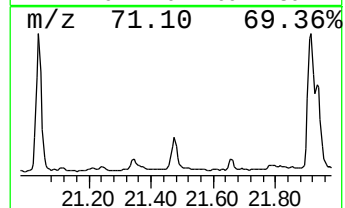
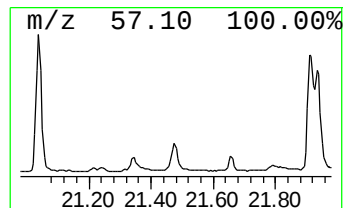
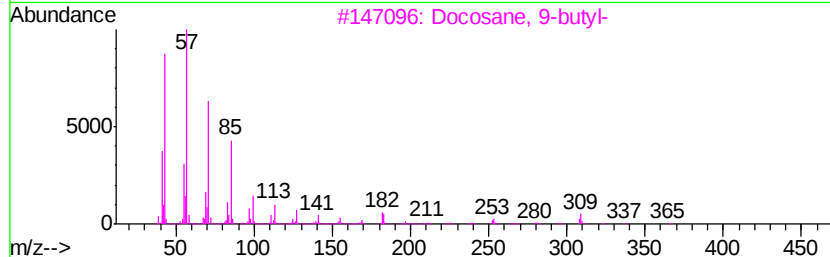
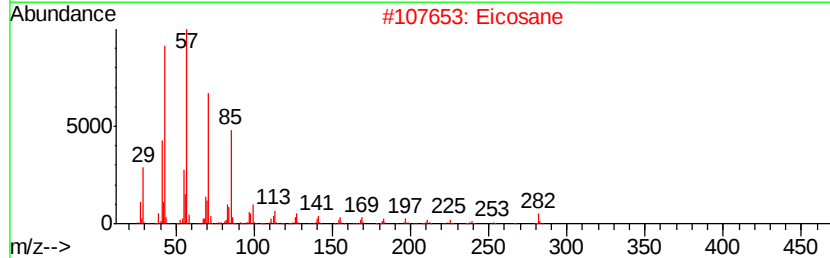
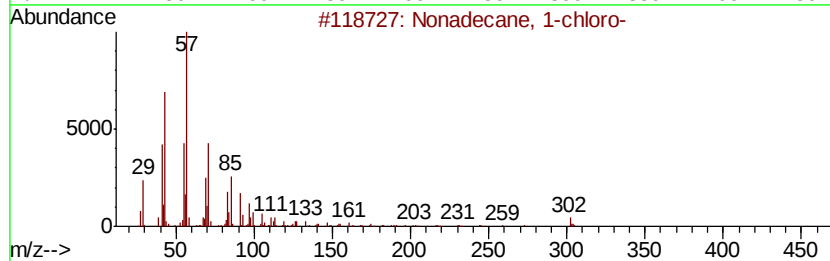
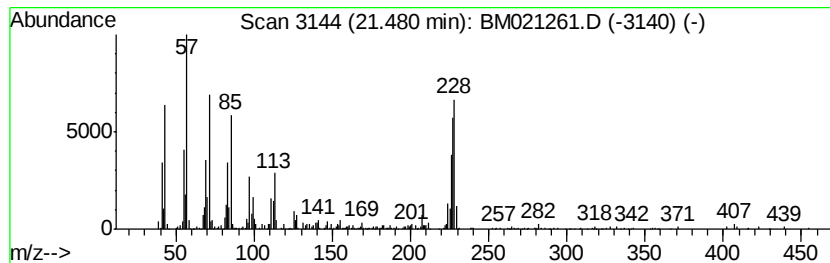
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Nonadecane, 1-chloro- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.48	2.43 ng/ul	624286	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonadecane, 1-chloro-	302 C19H39Cl	062016-76-6 55
2		Eicosane	282 C20H42	000112-95-8 38
3		Docosane, 9-butyl-	366 C26H54	055282-14-9 38
4		Nonacosane	408 C29H60	000630-03-5 38
5		Docosane, 11-butyl-	366 C26H54	013475-76-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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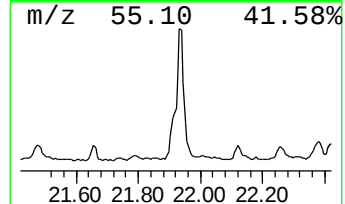
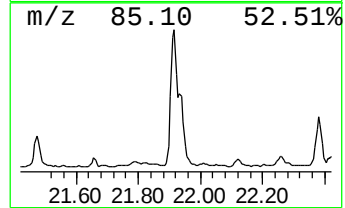
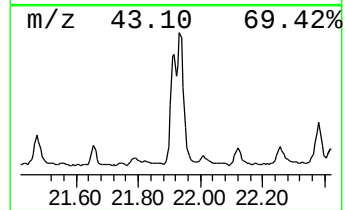
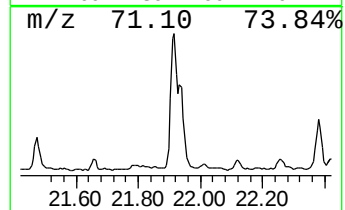
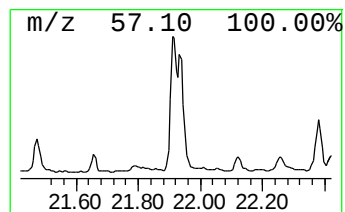
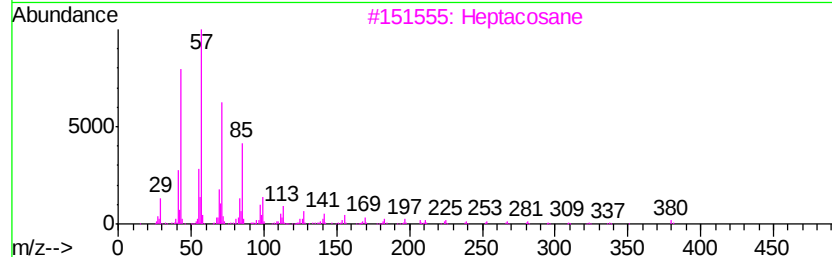
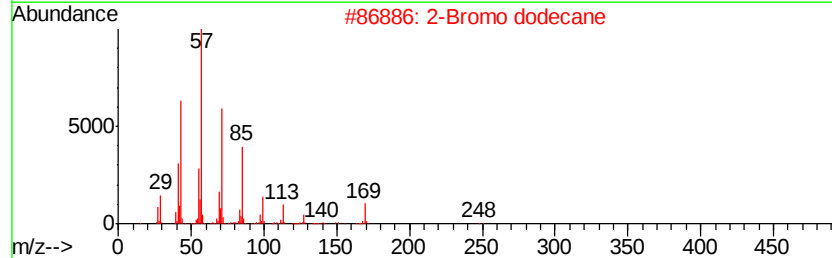
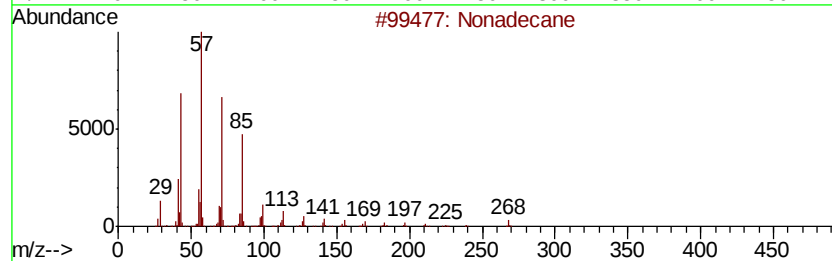
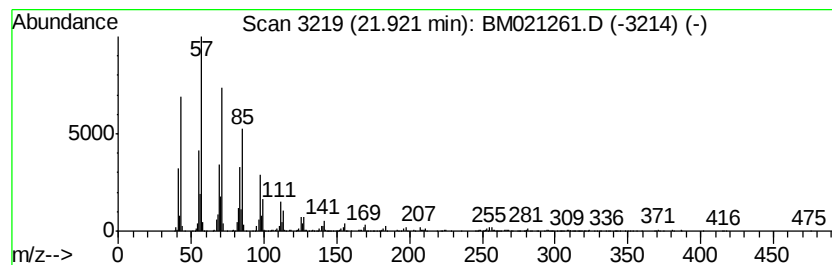
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	5.94 ng/ul	1525680	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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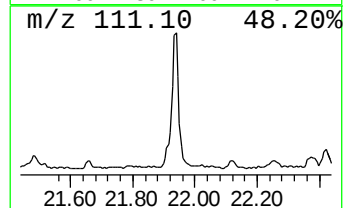
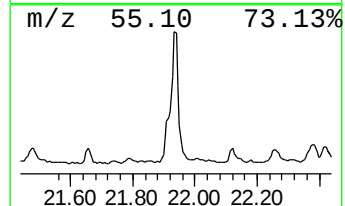
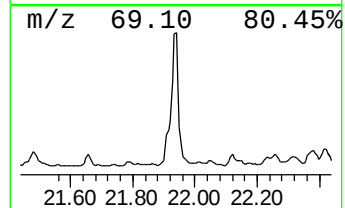
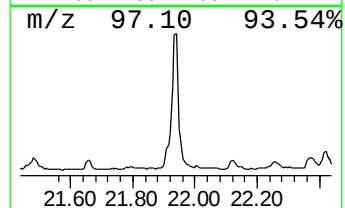
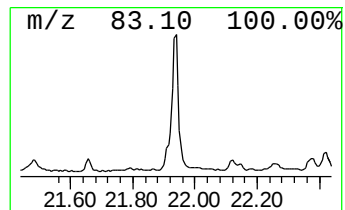
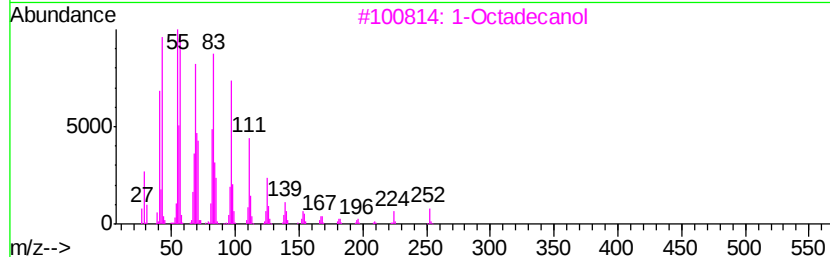
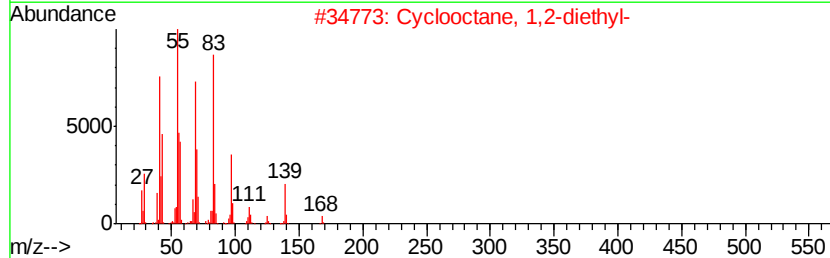
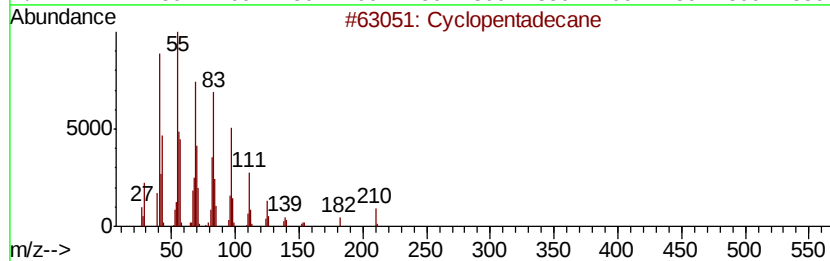
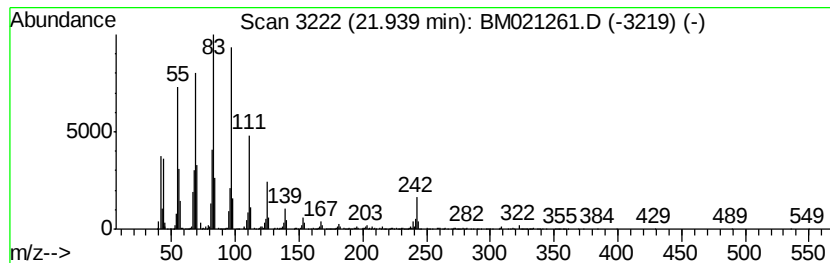
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Cyclic21.94 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	13.33 ng/ul	3425470	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	64
2		Cyclooctane, 1,2-diethyl-	168	C12H24	023609-46-3	49
3		1-Octadecanol	270	C18H38O	000112-92-5	43
4		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	43
5		Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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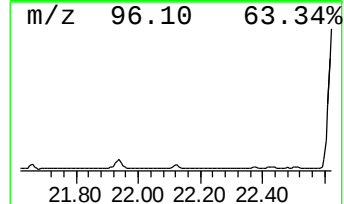
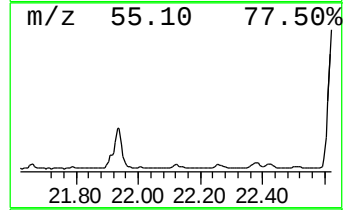
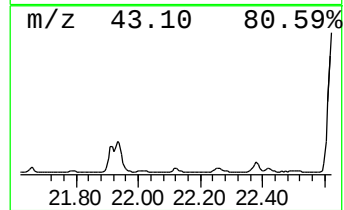
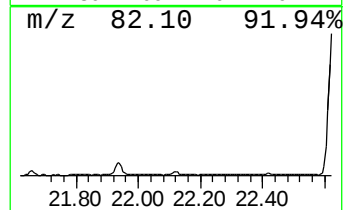
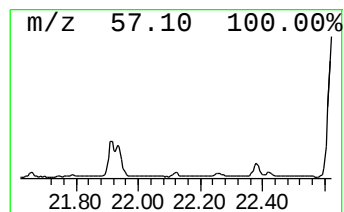
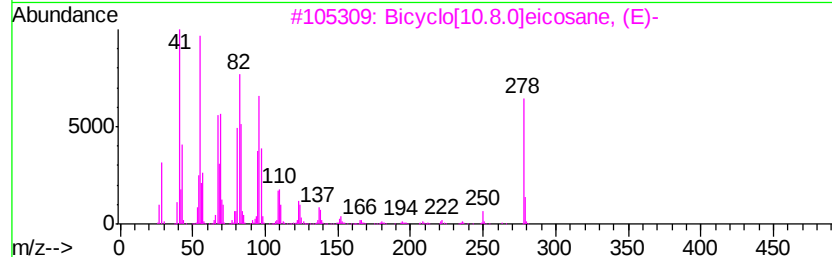
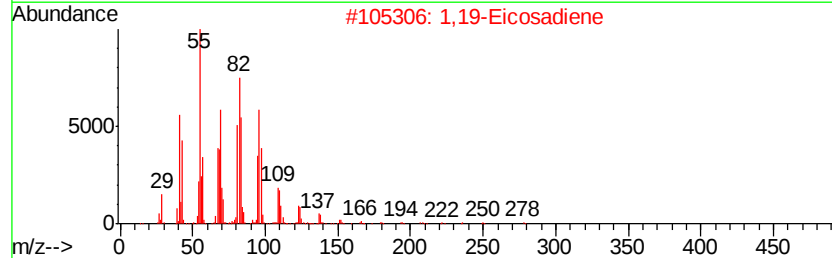
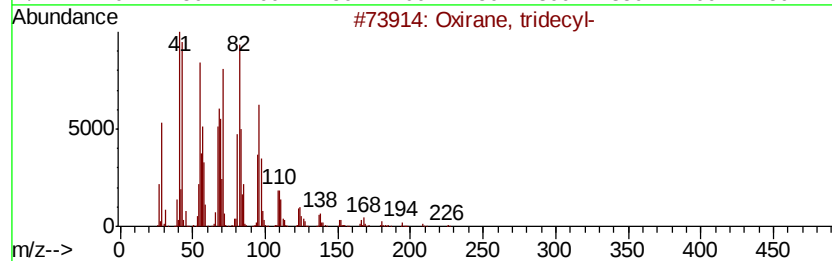
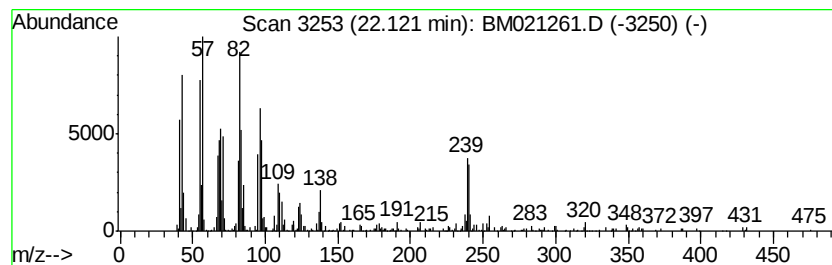
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Oxirane, tridecyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.14 ng/ul	550698	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tridecyl-	226	C15H30O	018633-25-5	98
2		1,19-Eicosadiene	278	C20H38	014811-95-1	95
3		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	92
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	81
5		Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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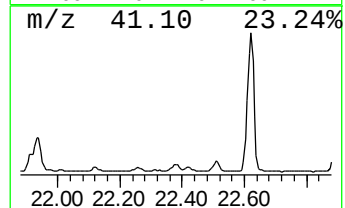
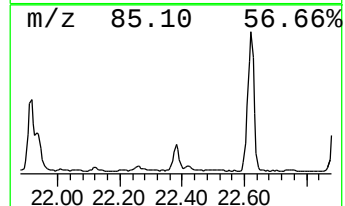
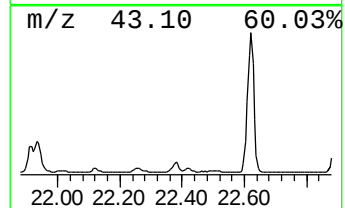
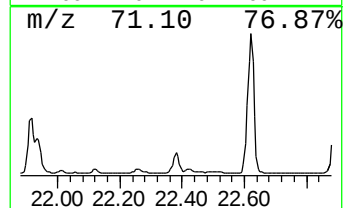
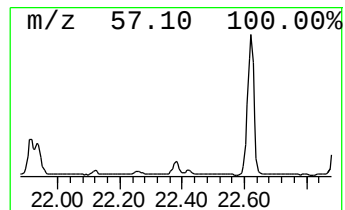
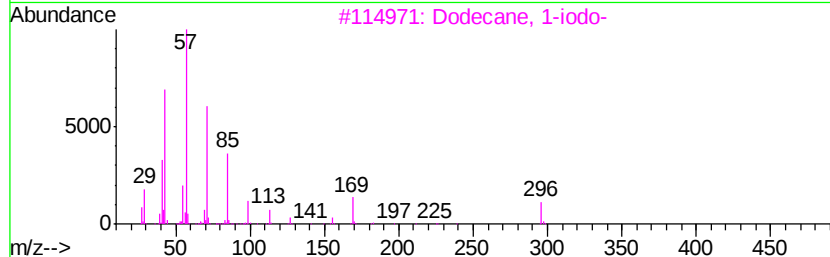
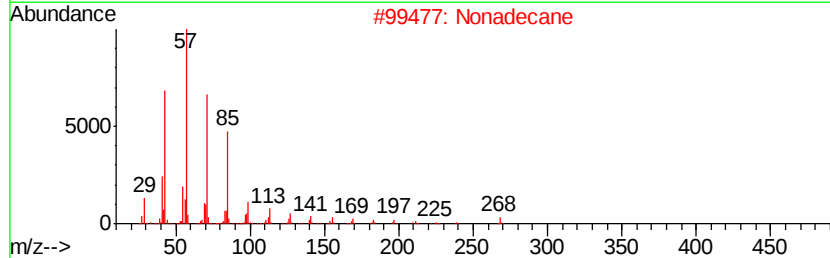
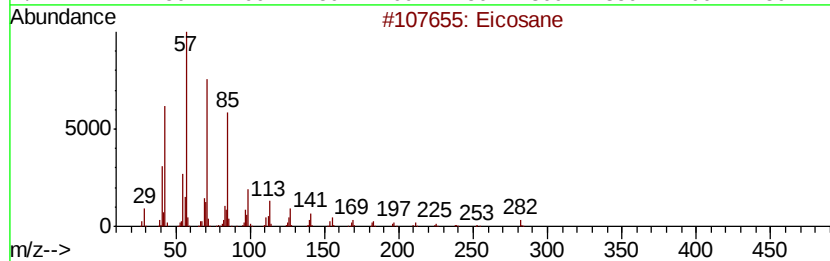
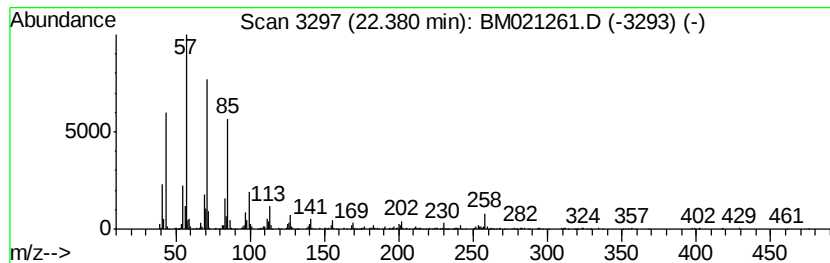
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	2.98 ng/ul	766139	Chrysene-d12	21.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Nonadecane	268	C19H40	000629-92-5	93
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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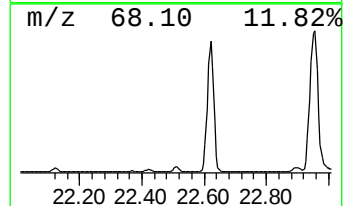
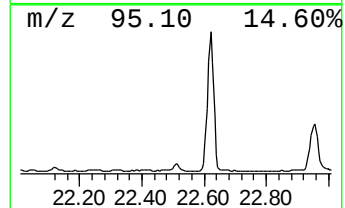
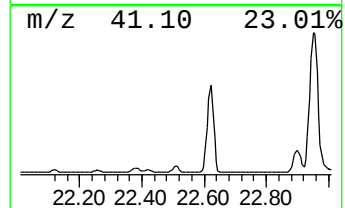
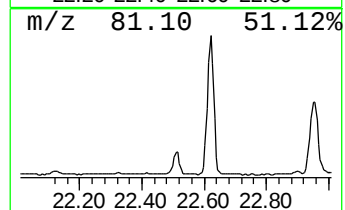
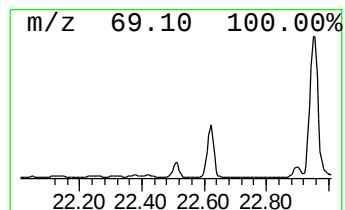
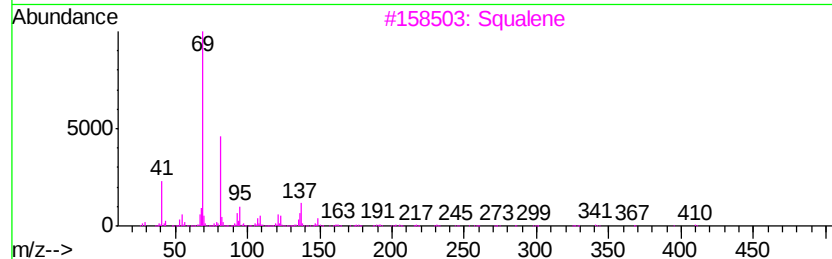
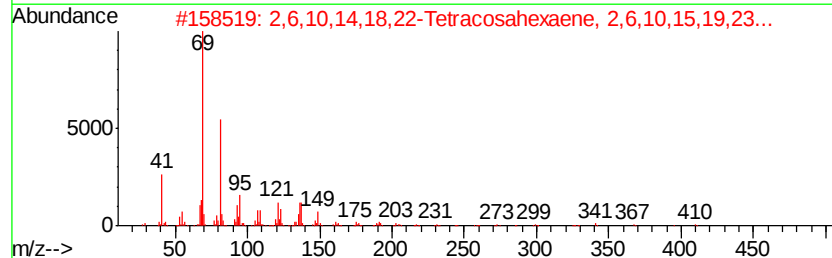
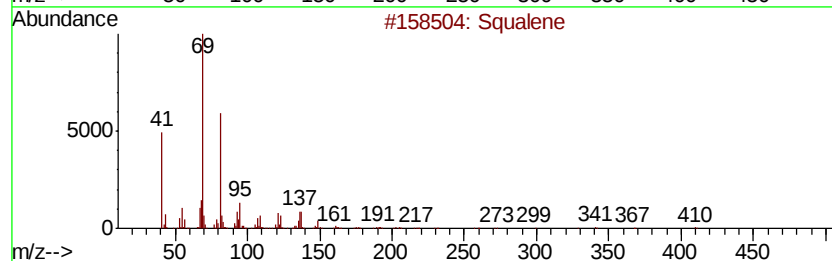
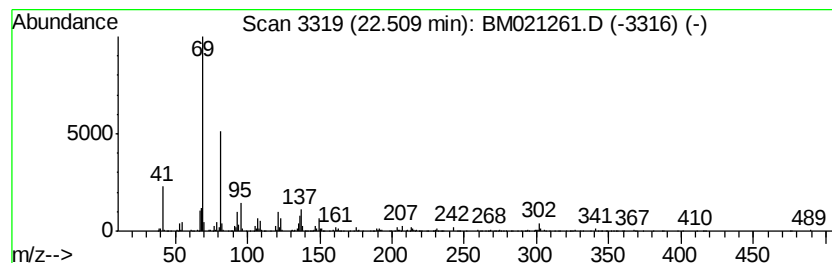
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Squalene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	4.98 ng/ul	747584	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	98
2		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	93
3		Squalene	410	C30H50	007683-64-9	87
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
5		7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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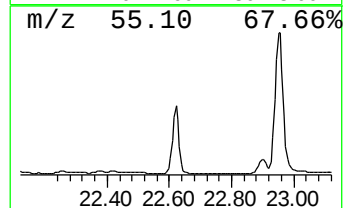
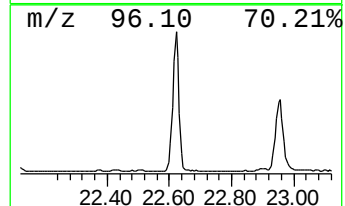
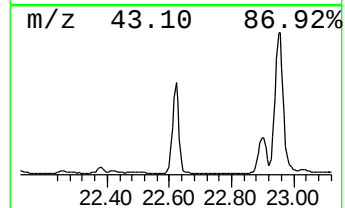
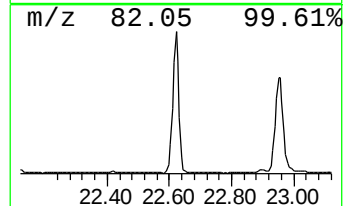
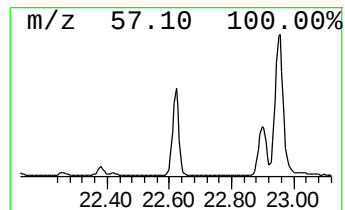
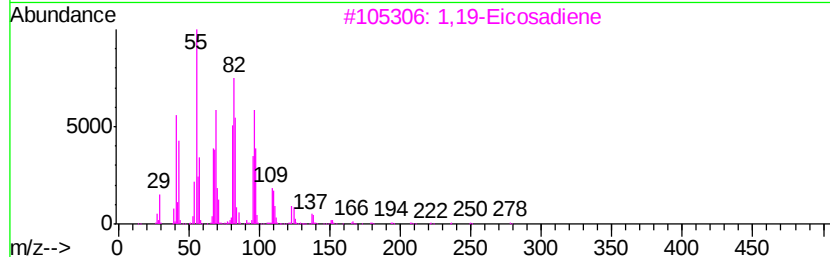
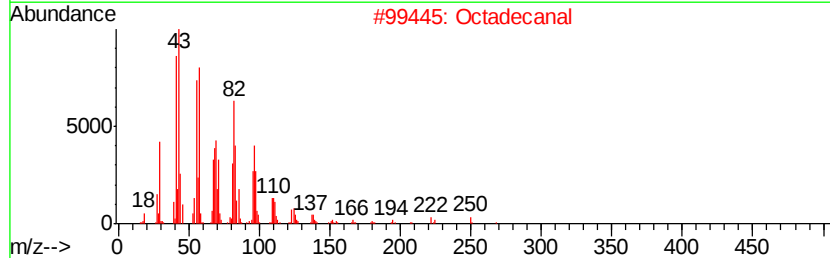
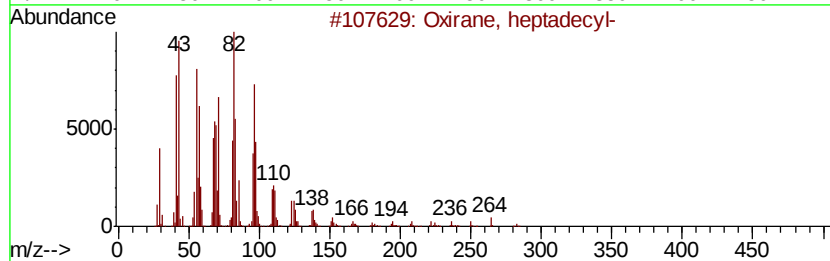
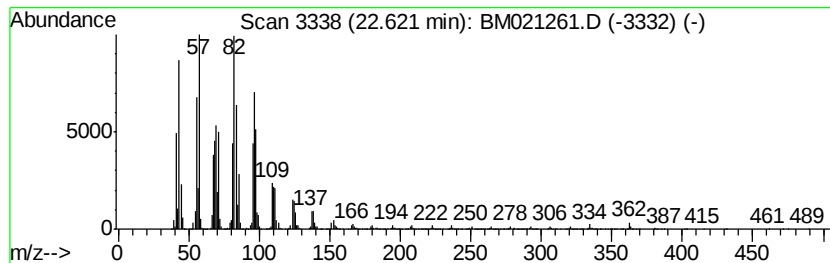
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Oxirane, heptadecyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	114.08 ng/ul	17127000	Perylene-d12	23.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96	
2	Octadecanal	268	C18H36O	000638-66-4	94	
3	1,19-Eicosadiene	278	C20H38	014811-95-1	93	
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91	
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91	



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Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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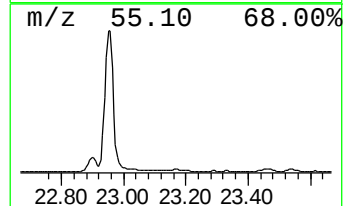
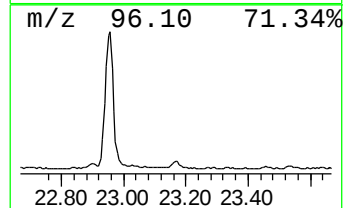
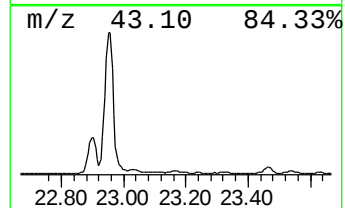
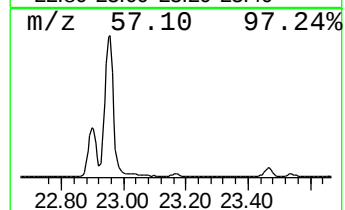
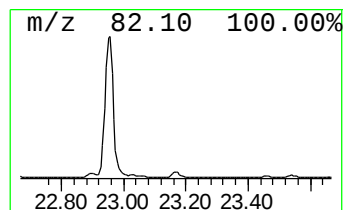
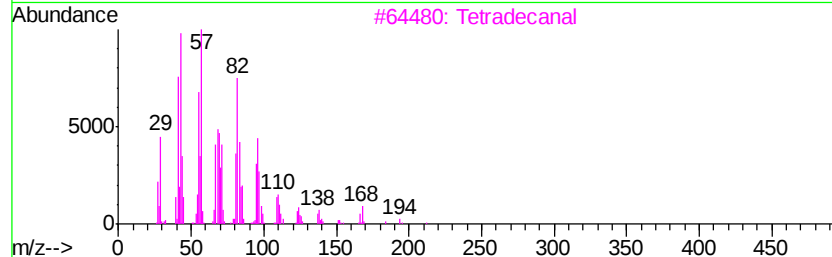
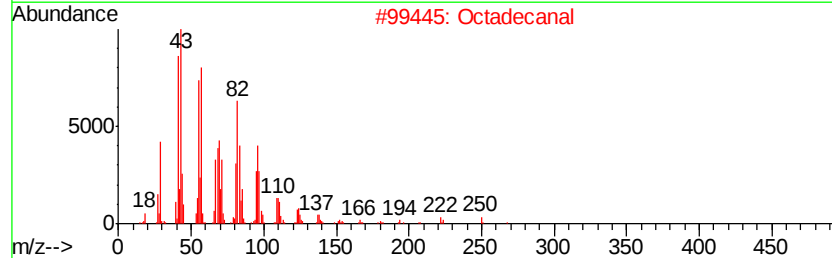
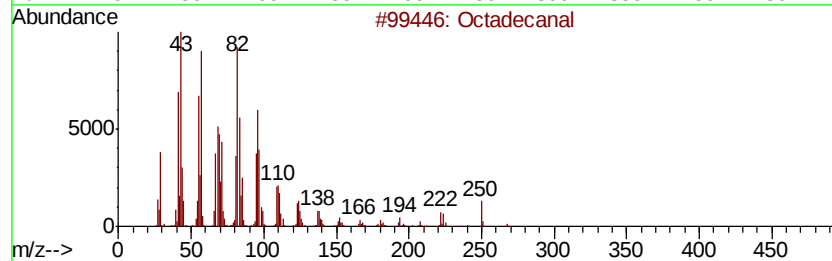
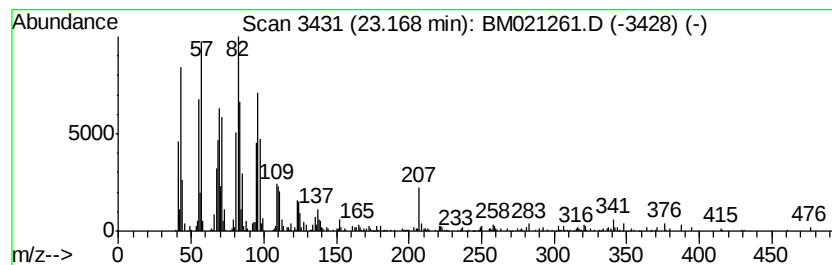
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Octadecanal Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.98 ng/ul	447131	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Octadecanal	268	C18H36O	000638-66-4	93
3		Tetradecanal	212	C14H28O	000124-25-4	91
4		Octadecanal	268	C18H36O	000638-66-4	91
5		Tetradecanal	212	C14H28O	000124-25-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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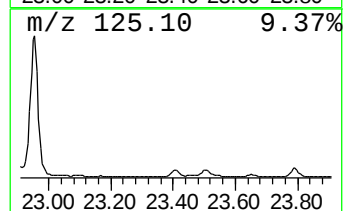
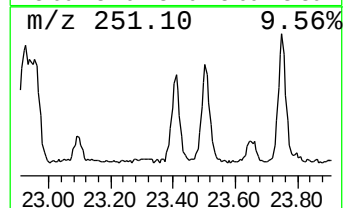
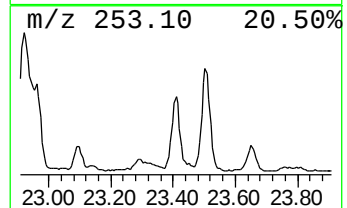
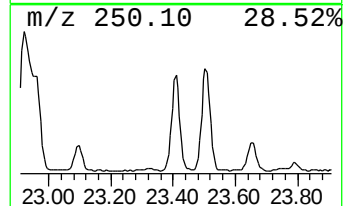
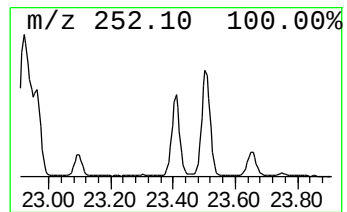
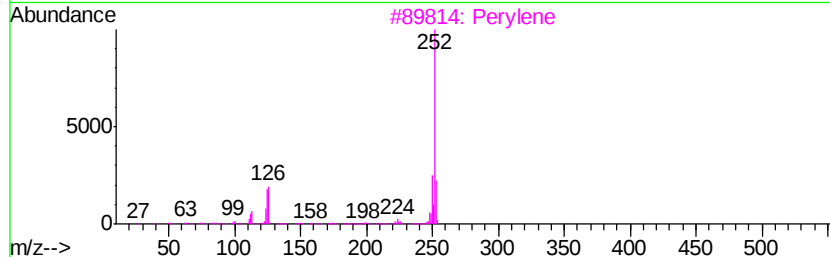
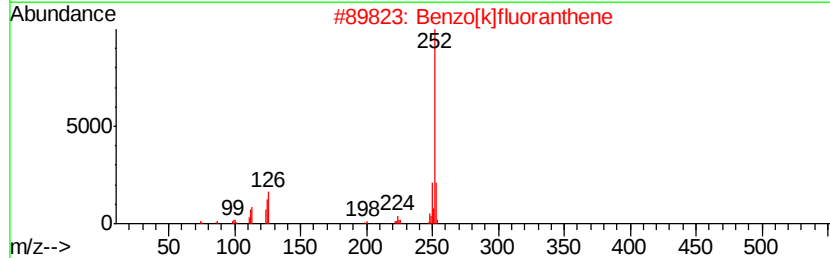
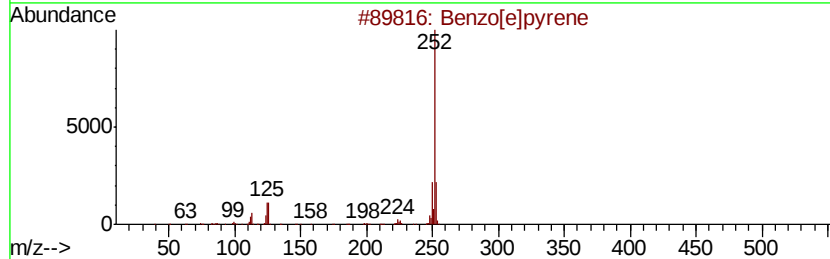
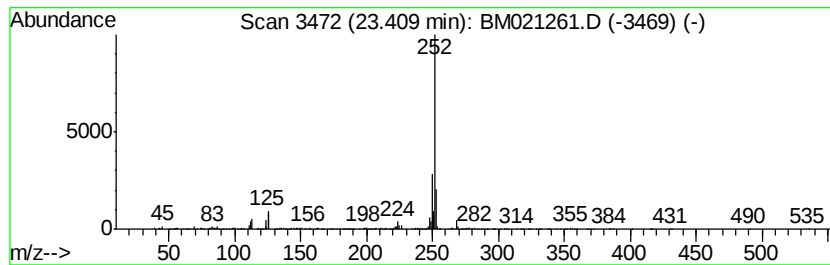
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 Benzo[e]pyrene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.41	2.73 ng/ul	409235	Perylene-d12	23.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[e]pyrene	252	C20H12	000192-97-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
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Instrument :
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ClientSampleId :
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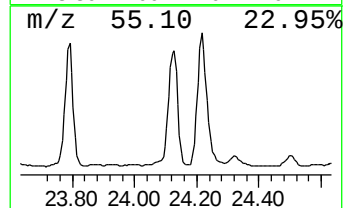
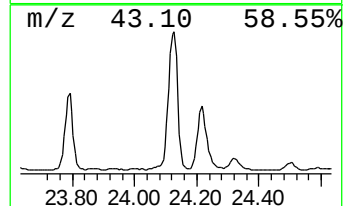
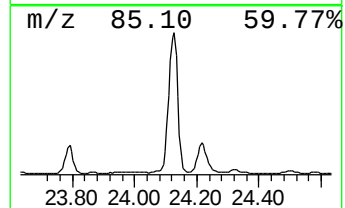
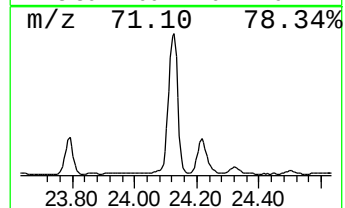
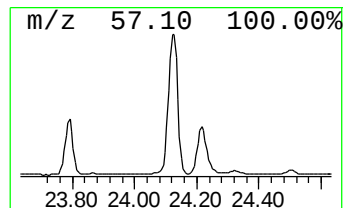
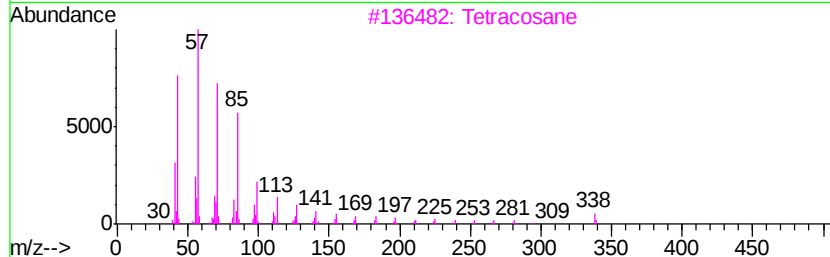
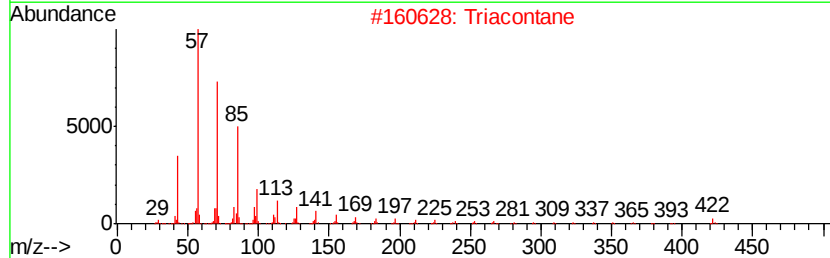
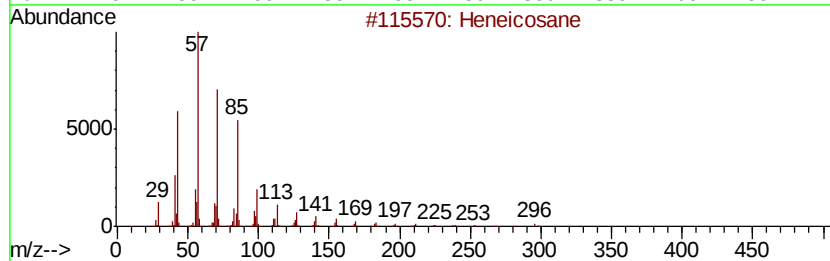
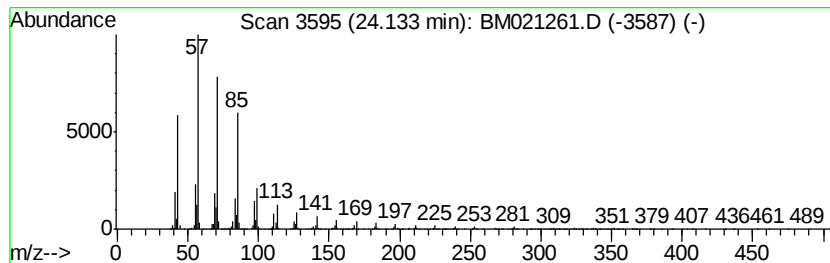
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	63.19 ng/ul	9485890	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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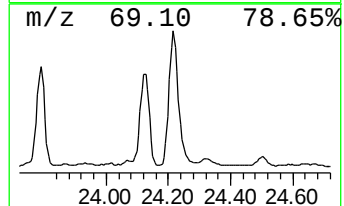
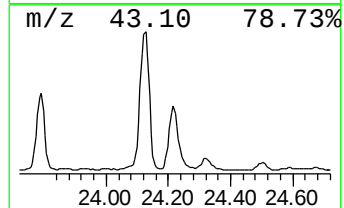
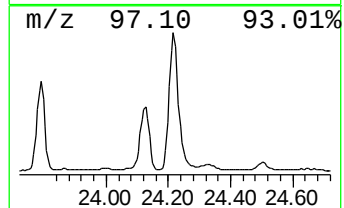
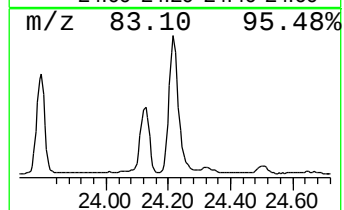
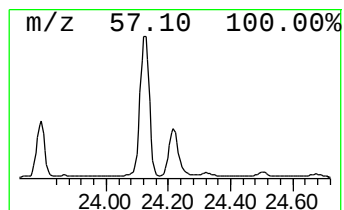
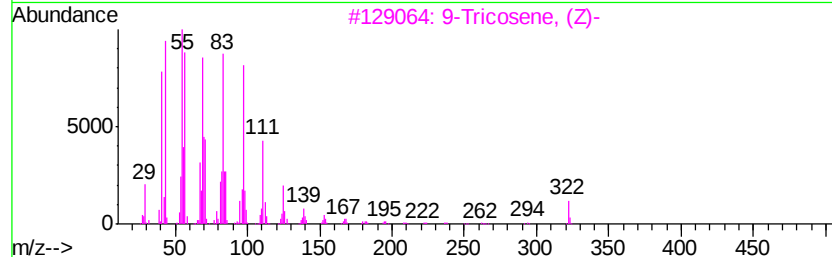
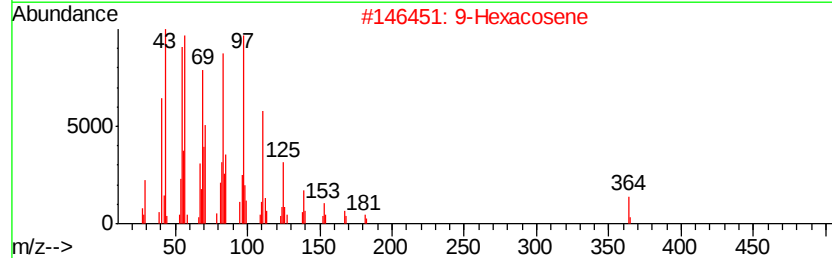
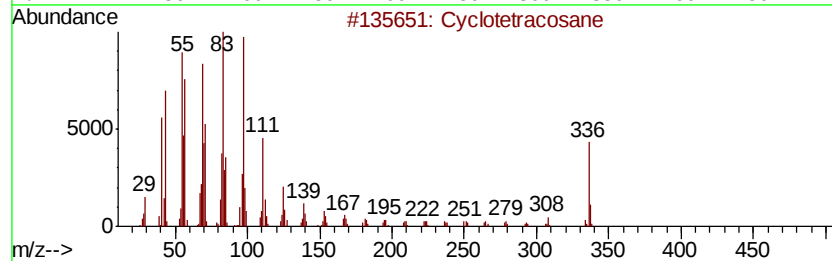
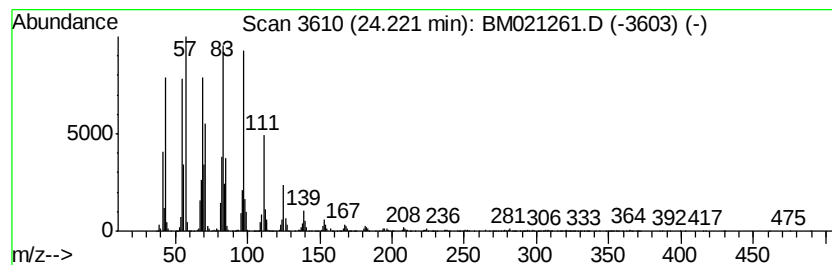
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 (DEL) Alkane: Cyclic24.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	43.01 ng/ul	6457540	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	91
2		9-Hexacosene	364	C26H52	071502-22-2	91
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
4		2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	83
5		1-Docosene	308	C22H44	001599-67-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
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Instrument :
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ClientSampleId :
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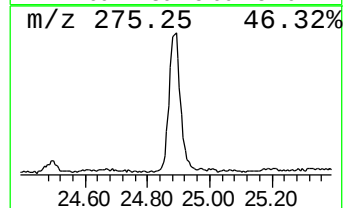
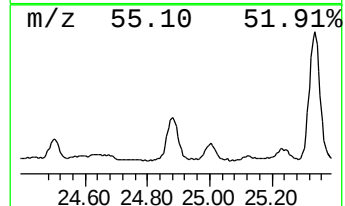
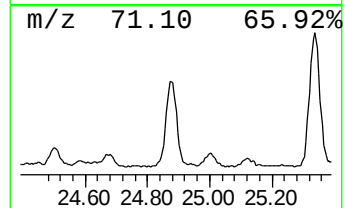
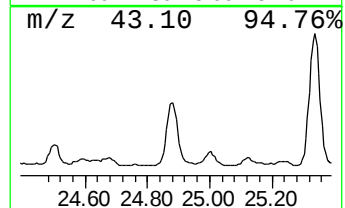
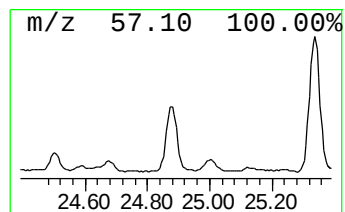
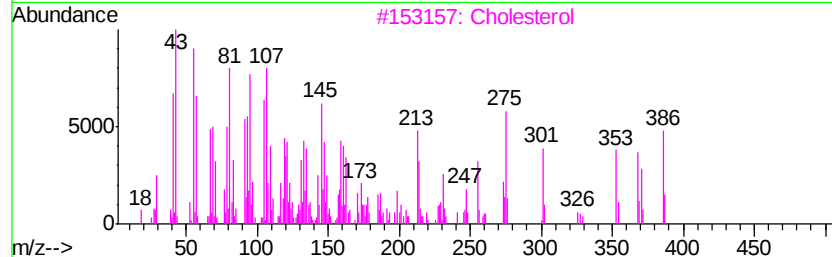
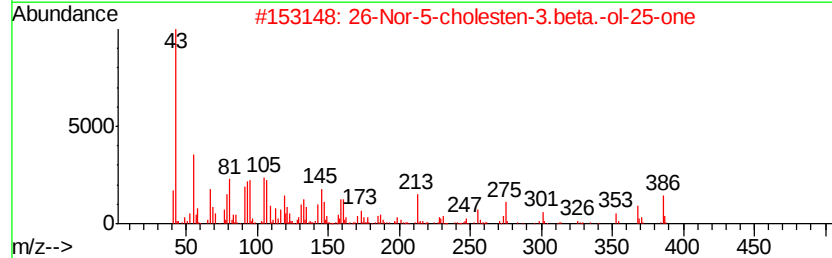
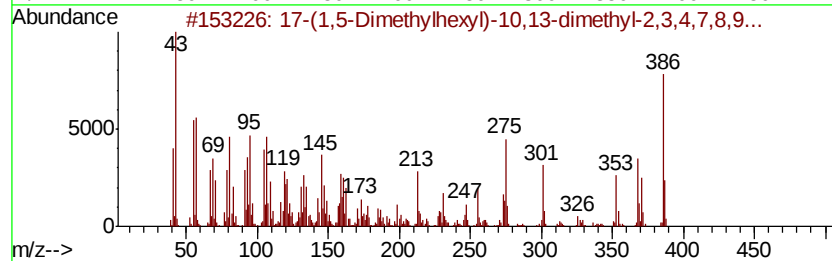
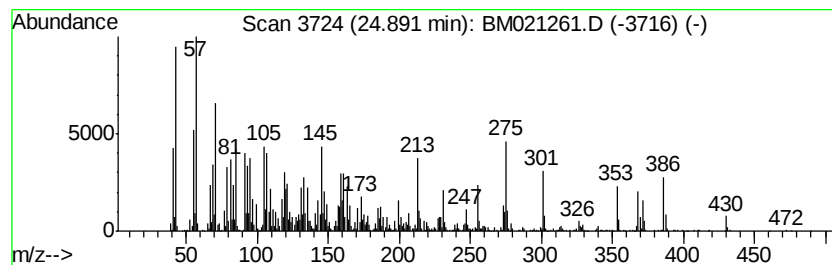
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	23.30 ng/ul	3497600	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	97
3		Cholesterol	386	C27H46O	000057-88-5	91
4		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	70
5		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
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ClientSampleId :
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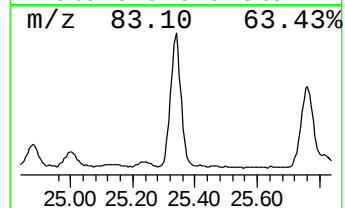
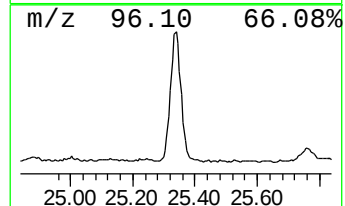
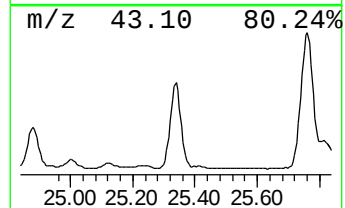
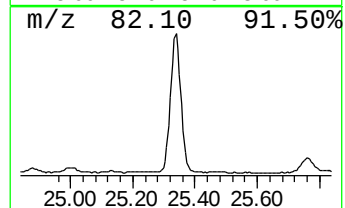
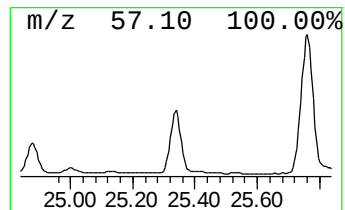
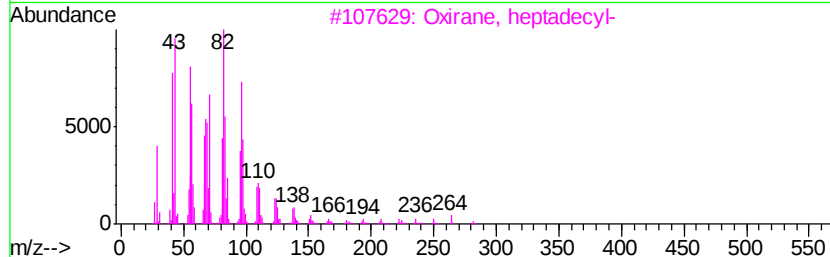
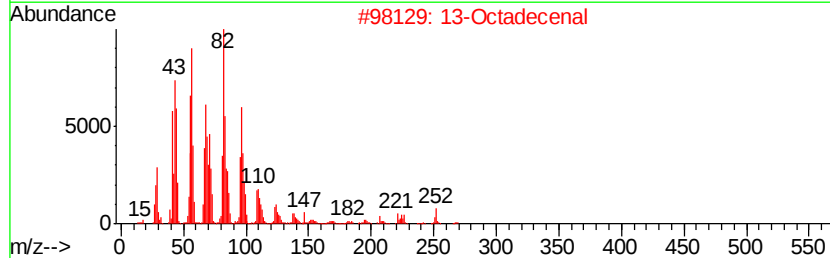
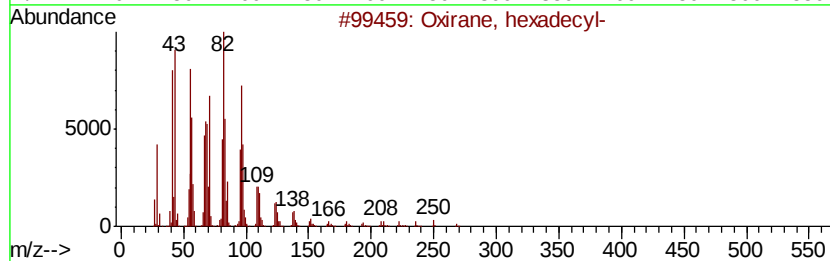
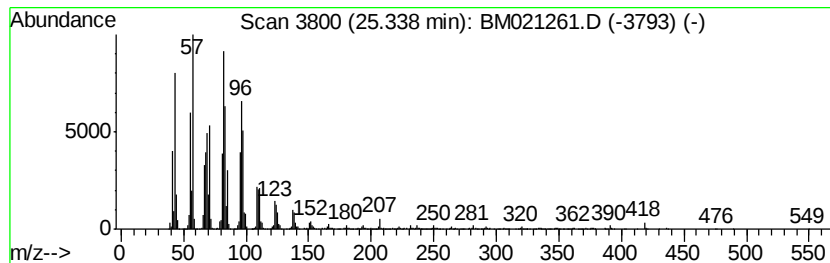
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 Oxirane, hexadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	38.53 ng/ul	5784170	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2		13-Octadecenal	266	C18H34O	056554-90-6	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
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Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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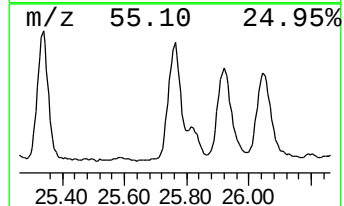
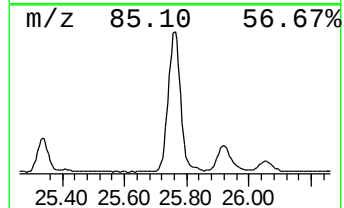
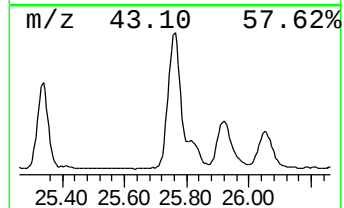
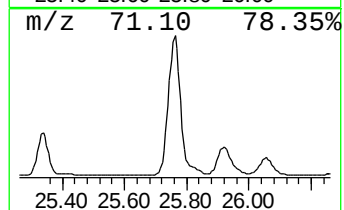
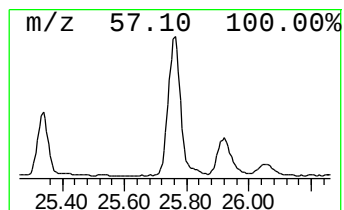
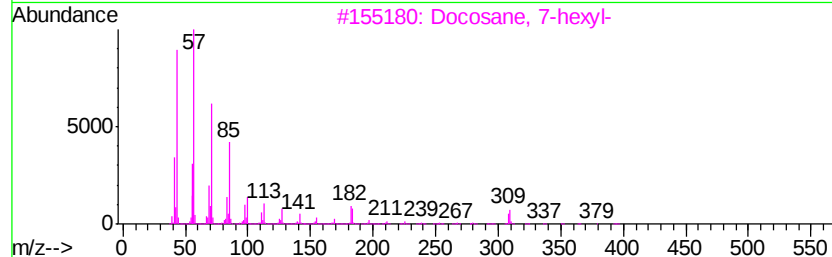
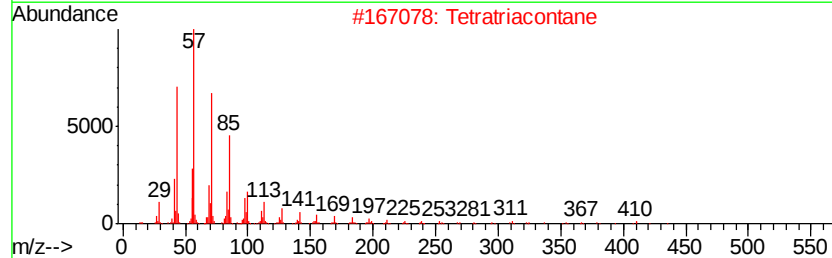
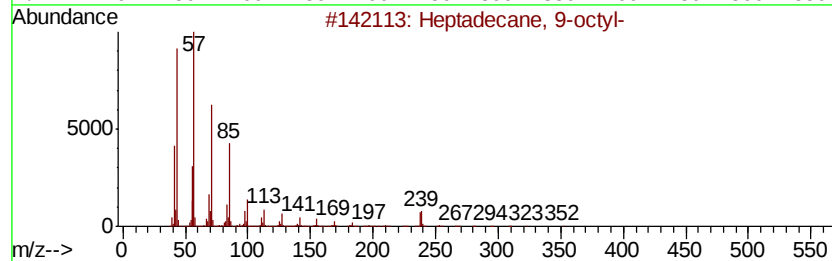
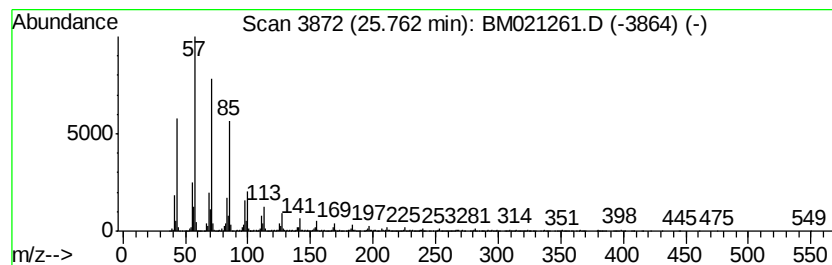
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	49.72 ng/ul	7464410	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tetratriacontane	479	C34H70	014167-59-0	94
3		Docosane, 7-hexyl-	394	C28H58	055373-86-9	94
4		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
5		Triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD4

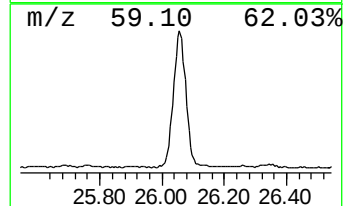
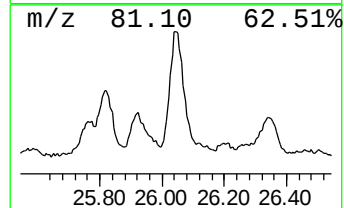
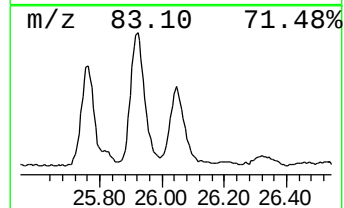
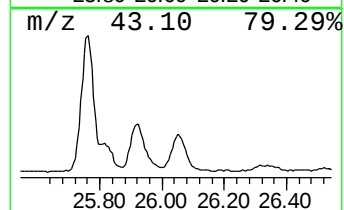
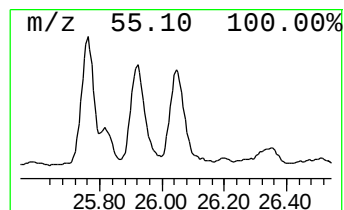
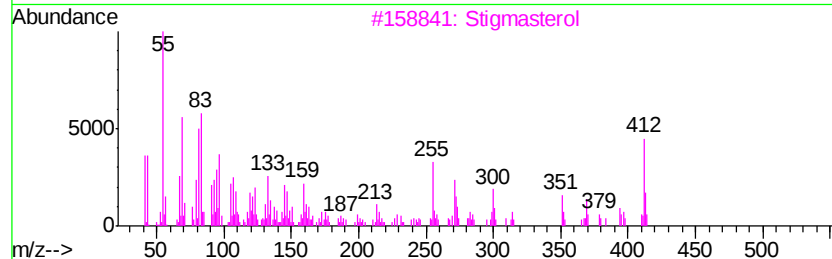
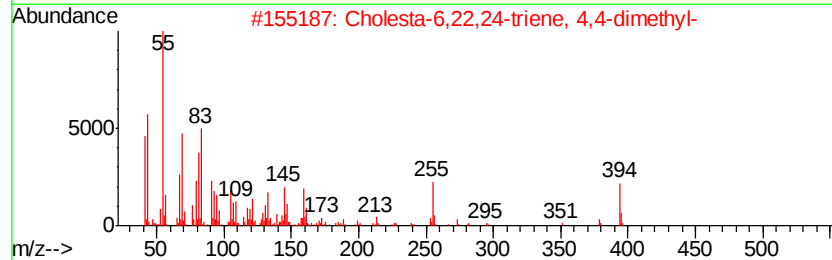
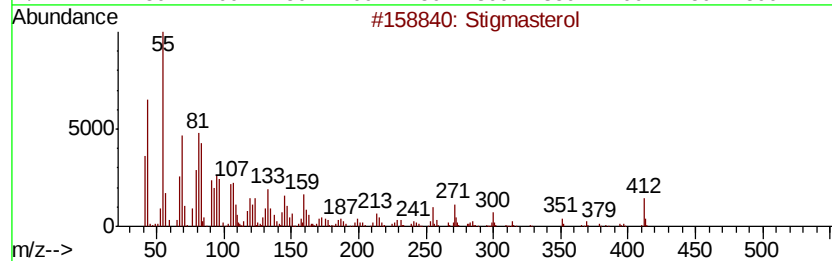
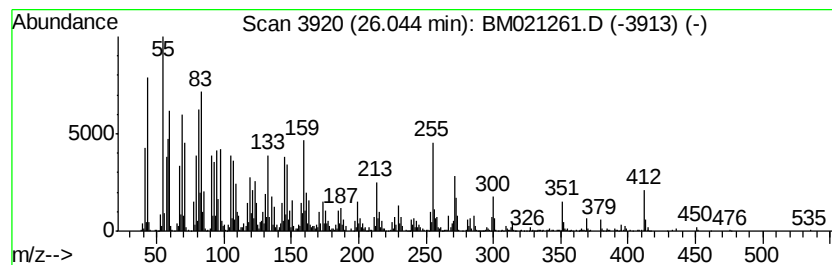
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Stigmasterol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	37.60 ng/ul	5644420	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmasterol	412	C29H48O	000083-48-7	98
2		Cholesta-6,22,24-triene, 4,4-dim...	394	C29H46	1000128-66-9	95
3		Stigmasterol	412	C29H48O	000083-48-7	89
4		Stigmasterol	412	C29H48O	000083-48-7	76
5		Stigmasta-5,22-dien-3-ol, acetat...	454	C31H50O2	004651-48-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD4

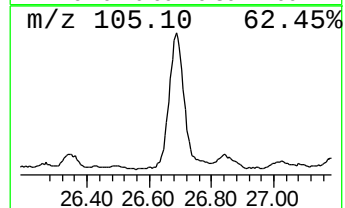
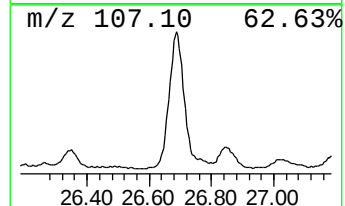
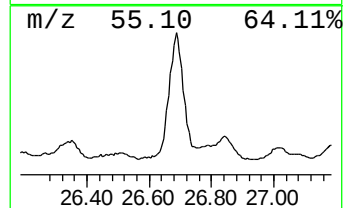
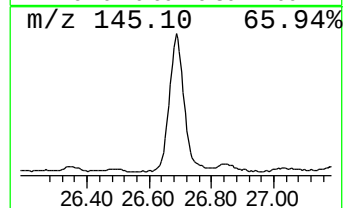
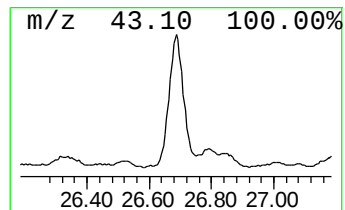
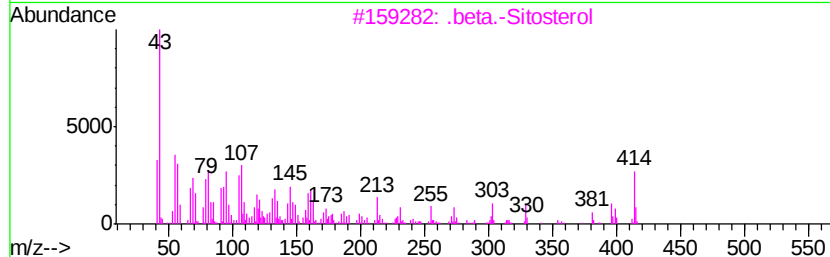
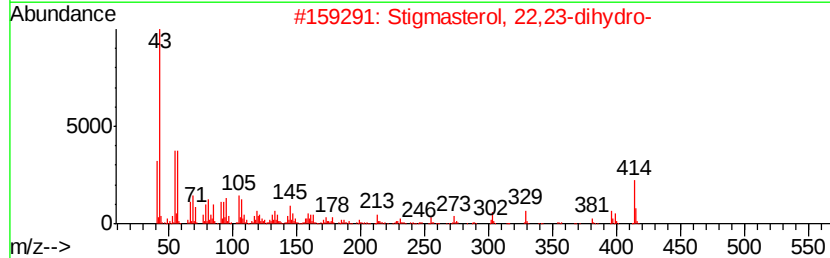
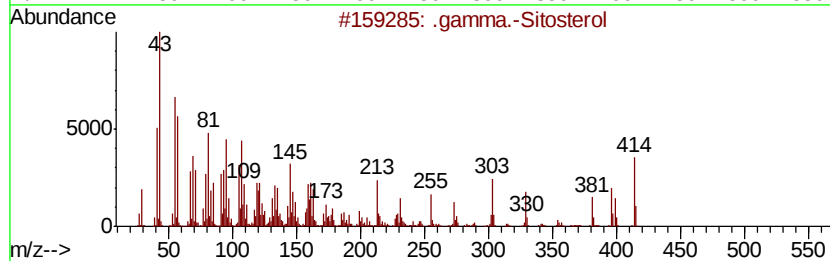
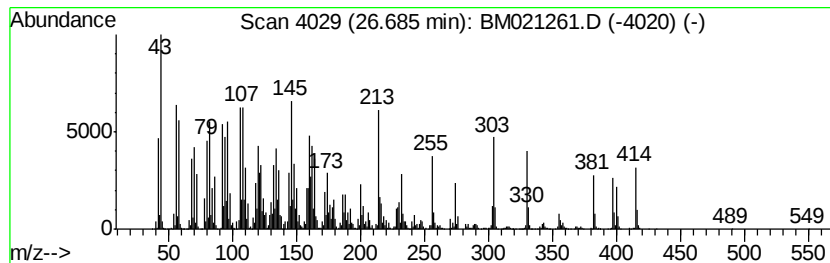
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 .gamma.-Sitosterol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	81.20 ng/ul	12189600	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	96
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	92
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	50
5		.beta.-Sitosterol	414	C29H50O	000083-46-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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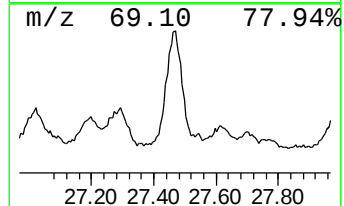
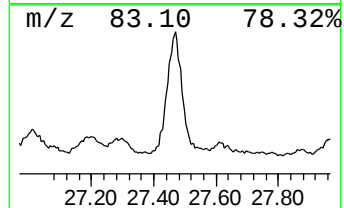
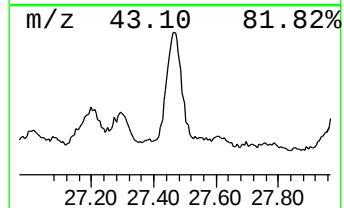
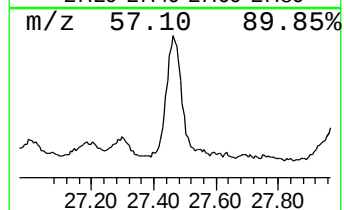
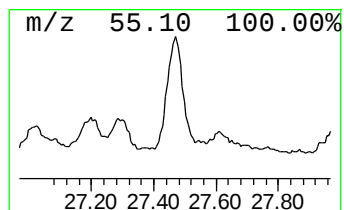
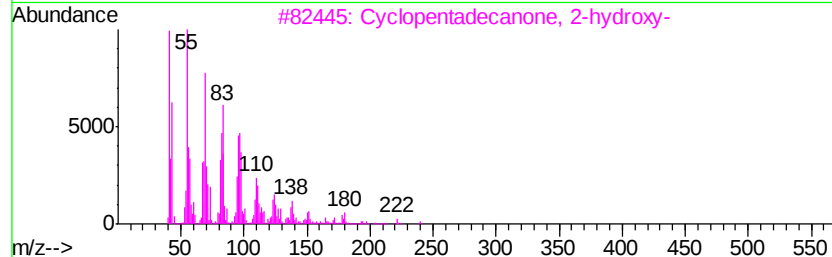
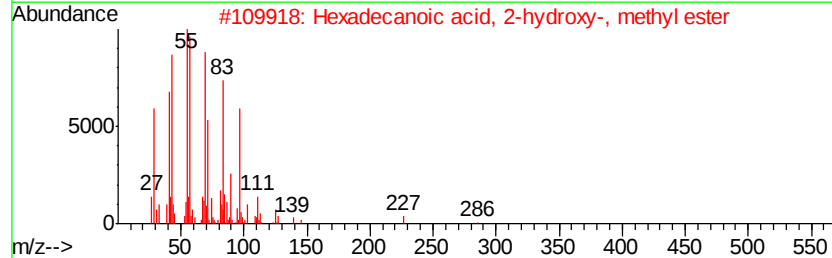
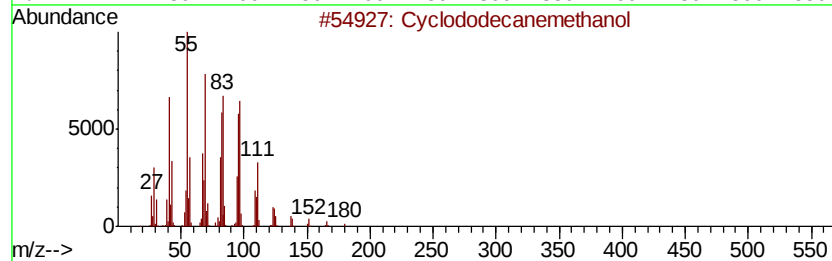
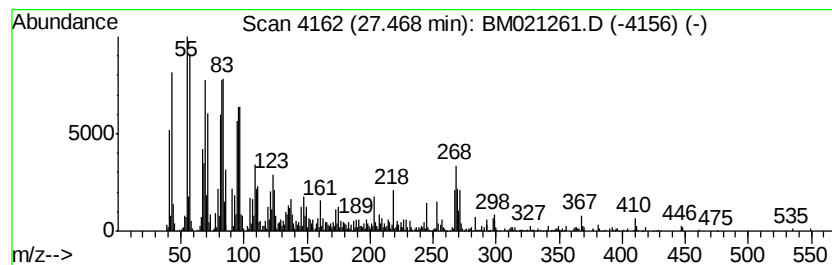
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 Cyclododecanemethanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.47	20.26 ng/ul	3041360	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclododecanemethanol	198	C13H26O	001892-12-2	80
2		Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	64
3		Cyclopentadecanone, 2-hydroxy-	240	C15H28O2	004727-18-8	64
4		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	62
5		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021261.D
Acq On : 29 Jun 2019 14:37
Operator : HP/JU
Sample : K3593-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5BD4

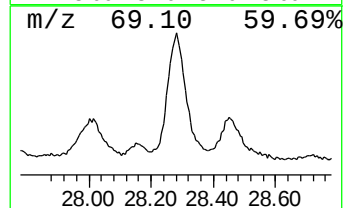
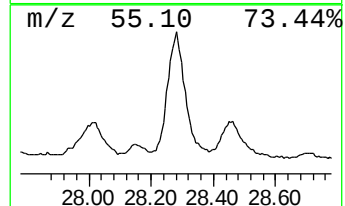
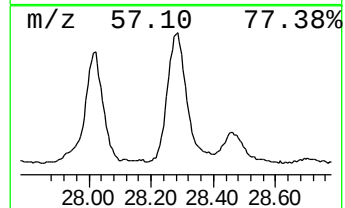
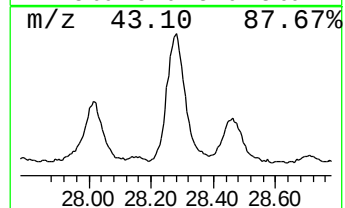
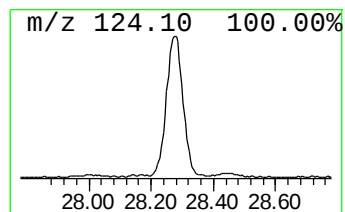
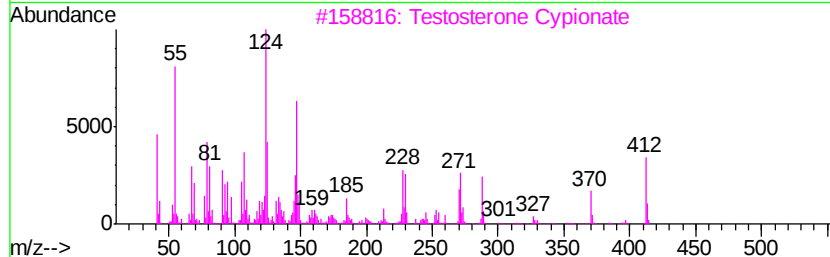
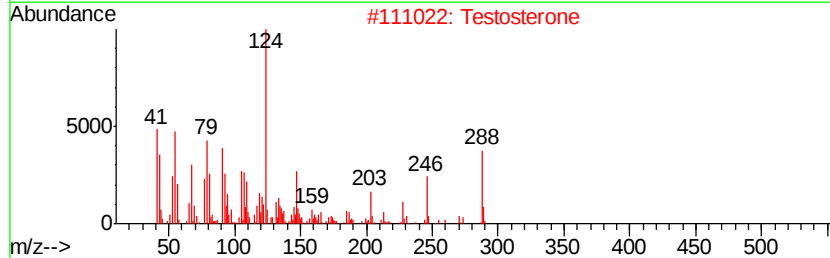
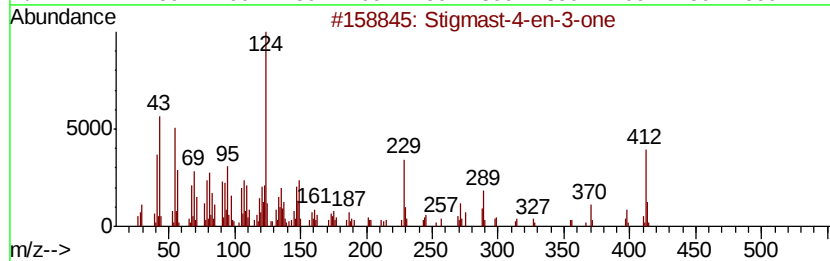
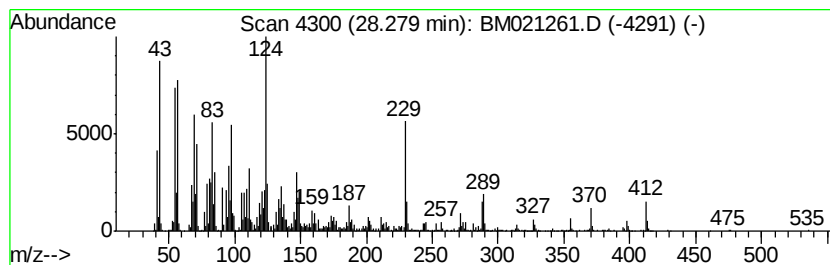
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Stigmast-4-en-3-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.28	44.78 ng/ul	6722420	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Stigmast-4-en-3-one	412	C29H48O	001058-61-3	93
2		Testosterone	288	C19H28O2	000058-22-0	53
3		Testosterone Cypionate	412	C27H40O3	000058-20-8	50
4		Carbonic acid, bis-(2,2,6,6-tetr...	370	C19H34N2O5	1000188-97-0	30
5		Androst-4-en-3-one, 17-hydroxy-,...	288	C19H28O2	000604-39-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021261.D
 Acq On : 29 Jun 2019 14:37
 Operator : HP/JU
 Sample : K3593-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	41.0	ng/ul	3372580	1	7.76	1643520	20.0
Cyclotrisiloxane,...	4.40	6.0	ng/ul	489636	1	7.76	1643520	20.0
Hexanoic acid	6.79	3.2	ng/ul	259886	1	7.76	1643520	20.0
Cyclotetrasiloxan...	6.86	4.0	ng/ul	328326	1	7.76	1643520	20.0
Tetradecanoic acid	16.55	5.6	ng/ul	1141940	4	17.15	4069630	20.0
Pentadecanoic acid	17.04	7.7	ng/ul	1566060	4	17.15	4069630	20.0
(DEL) Alkane: Cyc...	17.53	3.5	ng/ul	704560	4	17.15	4069630	20.0
Tridecanoic acid	17.79	2.5	ng/ul	501897	4	17.15	4069630	20.0
9-Hexadecenoic acid	17.94	55.1	ng/ul	11208100	4	17.15	4069630	20.0
Hexadecenoic acid...	18.00	55.6	ng/ul	11309000	4	17.15	4069630	20.0
n-Hexadecanoic acid	18.07	104.0	ng/ul	21160000	4	17.15	4069630	20.0
(DEL) Alkane: Cyc...	18.34	4.6	ng/ul	928365	4	17.15	4069630	20.0
Phytol	19.06	7.4	ng/ul	1499640	4	17.15	4069630	20.0
Octadecanoic acid	19.33	12.5	ng/ul	3207430	5	21.33	5138290	20.0
Pyrene, 1-methyl-	20.40	2.6	ng/ul	672309	5	21.33	5138290	20.0
Ethanol, 2-(tetra...	21.04	13.2	ng/ul	3393120	5	21.33	5138290	20.0
Nonadecane, 1-chl...	21.48	2.4	ng/ul	624286	5	21.33	5138290	20.0
(DEL) Alkane: Str...	21.92	5.9	ng/ul	1525680	5	21.33	5138290	20.0
(DEL) Alkane: Cyc...	21.94	13.3	ng/ul	3425470	5	21.33	5138290	20.0
Oxirane, tridecyl-	22.12	2.1	ng/ul	550698	5	21.33	5138290	20.0
(DEL) Alkane: Str...	22.38	3.0	ng/ul	766139	5	21.33	5138290	20.0
Squalene	22.51	5.0	ng/ul	747584	6	23.60	3002510	20.0
Oxirane, heptadecyl-	22.62	114.1	ng/ul	17127000	6	23.60	3002510	20.0
Octadecanal	23.17	3.0	ng/ul	447131	6	23.60	3002510	20.0
Benzo[e]pyrene	23.41	2.7	ng/ul	409235	6	23.60	3002510	20.0
(DEL) Alkane: Str...	24.13	63.2	ng/ul	9485890	6	23.60	3002510	20.0
(DEL) Alkane: Cyc...	24.22	43.0	ng/ul	6457540	6	23.60	3002510	20.0
17-(1,5-Dimethylh...	24.89	23.3	ng/ul	3497600	6	23.60	3002510	20.0
Oxirane, hexadecyl-	25.34	38.5	ng/ul	5784170	6	23.60	3002510	20.0
(DEL) Alkane: Str...	25.76	49.7	ng/ul	7464410	6	23.60	3002510	20.0
Stigmasterol	26.04	37.6	ng/ul	5644420	6	23.60	3002510	20.0
.gamma.-Sitosterol	26.69	81.2	ng/ul	12189600	6	23.60	3002510	20.0
Cyclododecanemeth...	27.47	20.3	ng/ul	3041360	6	23.60	3002510	20.0
Stigmast-4-en-3-one	28.28	44.8	ng/ul	6722420	6	23.60	3002510	20.0