

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008548.D
 Acq On : 14 Nov 2019 07:10
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

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_N\METHODS\SOM-EPA-BN111319MA.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	3.846	141	146	152	rVB	78970	120189	0.25%	0.028%
2	6.816	638	651	662	rBV	1343670	2306022	4.84%	0.537%
3	6.981	668	679	686	rBV	998593	1582441	3.32%	0.368%
4	7.175	705	712	719	rBV	1364569	2101090	4.41%	0.489%
5	7.634	783	790	798	rBV	1402981	2252477	4.73%	0.524%
6	7.716	798	804	809	rVV	107525	165825	0.35%	0.039%
7	7.869	823	830	837	rBV2	123843	206643	0.43%	0.048%
8	8.334	902	909	916	rBV	1490155	2405038	5.05%	0.560%
9	8.769	976	983	990	rVB	1247368	2053650	4.31%	0.478%
10	8.957	1010	1015	1021	rBV2	91304	136398	0.29%	0.032%
11	9.269	1063	1068	1072	rVV	68673	98018	0.21%	0.023%
12	9.487	1097	1105	1112	rBV	1023222	1659486	3.48%	0.386%
13	10.022	1189	1196	1205	rVB	1653057	2677538	5.62%	0.623%
14	10.398	1253	1260	1267	rBV	1947408	3200593	6.72%	0.745%
15	10.534	1274	1283	1293	rBV	248232	619073	1.30%	0.144%
16	10.940	1345	1352	1366	rBV	106197	363240	0.76%	0.085%
17	11.175	1382	1392	1395	rBV2	112440	239264	0.50%	0.056%
18	11.204	1395	1397	1404	rVB2	63171	98200	0.21%	0.023%
19	11.757	1485	1491	1497	rBV2	106619	167828	0.35%	0.039%
20	12.557	1621	1627	1632	rBV2	96587	173536	0.36%	0.040%
21	13.163	1726	1730	1738	rVB2	83793	161231	0.34%	0.038%
22	13.675	1812	1817	1822	rVV	2771703	3765485	7.90%	0.876%
23	13.722	1822	1825	1830	rVV	545206	696707	1.46%	0.162%
24	13.763	1830	1832	1839	rVV2	68606	118372	0.25%	0.028%
25	13.945	1856	1863	1876	rVB	3027718	4645312	9.75%	1.081%
26	14.157	1895	1899	1903	rVB	78319	101884	0.21%	0.024%
27	14.257	1910	1916	1923	rBV2	2869597	4168972	8.75%	0.970%
28	14.451	1944	1949	1959	rBV	665502	1030566	2.16%	0.240%
29	14.545	1959	1965	1969	rVV5	60265	119386	0.25%	0.028%
30	14.598	1969	1974	1979	rVB	156410	243120	0.51%	0.057%
31	14.681	1981	1988	1990	rVV4	107339	171448	0.36%	0.040%
32	14.704	1990	1992	1997	rVV3	101679	157900	0.33%	0.037%
33	14.939	2028	2032	2041	rVB5	46763	106027	0.22%	0.025%
34	15.098	2055	2059	2063	rVB	145691	188420	0.40%	0.044%

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35	15.157	2063	2069	2073	rBV	91902	134718	0.28%	0.031%
36	15.257	2079	2086	2091	rBV	3626835	5201762	10.92%	1.211%
37	15.369	2100	2105	2114	rVB	752789	1061476	2.23%	0.247%
38	15.663	2151	2155	2159	rBV2	194157	292922	0.61%	0.068%
39	15.704	2159	2162	2166	rVB3	87216	111663	0.23%	0.026%
40	15.834	2180	2184	2190	rVV7	71224	114883	0.24%	0.027%
41	15.898	2190	2195	2202	rVB	938202	1214021	2.55%	0.283%
42	16.045	2218	2220	2226	rVB2	111600	175623	0.37%	0.041%
43	16.145	2230	2237	2239	rBV6	79186	157810	0.33%	0.037%
44	16.369	2270	2275	2278	rBV2	117432	194545	0.41%	0.045%
45	16.445	2283	2288	2297	rVV	542433	830638	1.74%	0.193%
46	16.810	2348	2350	2356	rVB3	100710	140929	0.30%	0.033%
47	16.904	2363	2366	2369	rBV4	72268	99955	0.21%	0.023%
48	16.939	2369	2372	2377	rVB2	112320	134898	0.28%	0.031%
49	17.004	2377	2383	2387	rBV	3226779	4618838	9.69%	1.075%
50	17.039	2387	2389	2393	rVB	150528	175260	0.37%	0.041%
51	17.098	2393	2399	2404	rBV2	3820604	5573994	11.70%	1.297%
52	17.216	2414	2419	2425	rVB2	536350	747390	1.57%	0.174%
53	17.351	2439	2442	2446	rVB2	78145	92668	0.19%	0.022%
54	17.416	2450	2453	2458	rVB	306378	402659	0.85%	0.094%
55	17.545	2472	2475	2485	rVB	141057	207185	0.43%	0.048%
56	17.816	2517	2521	2526	rBV2	231440	384282	0.81%	0.089%
57	17.875	2526	2531	2537	rBV	1461780	2045282	4.29%	0.476%
58	17.939	2537	2542	2549	rBV	2804844	3698777	7.76%	0.861%
59	18.239	2590	2593	2597	rVB	201045	249703	0.52%	0.058%
60	18.375	2613	2616	2619	rBV3	109114	132850	0.28%	0.031%
61	18.598	2650	2654	2658	rBV3	354397	476658	1.00%	0.111%
62	18.798	2685	2688	2693	rVB	380745	480989	1.01%	0.112%
63	18.880	2698	2702	2708	rVB	538716	699954	1.47%	0.163%
64	18.957	2713	2715	2722	rVB	241942	301598	0.63%	0.070%
65	19.069	2730	2734	2737	rBV	310861	452624	0.95%	0.105%
66	19.104	2737	2740	2742	rBV	330284	390311	0.82%	0.091%
67	19.222	2757	2760	2769	rBV	1059460	1681540	3.53%	0.391%
68	19.398	2785	2790	2798	rBV2	4256473	6040160	12.68%	1.406%
69	19.463	2798	2801	2804	rVB	379842	397675	0.83%	0.093%
70	19.957	2881	2885	2889	rBV	3028938	3374867	7.08%	0.786%
71	19.998	2889	2892	2897	rVB	2750160	3152905	6.62%	0.734%

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72	20.474	2970	2973	2975	rBV	596058	718167	1.51%	0.167%
73	20.498	2975	2977	2981	rVB	1006621	1077454	2.26%	0.251%
74	20.663	3003	3005	3010	rVB2	752527	836426	1.76%	0.195%
75	20.951	3050	3054	3055	rBV	13563128	14119209	29.63%	3.287%
76	21.157	3086	3089	3092	rVB	1989495	2104756	4.42%	0.490%
77	21.198	3092	3096	3100	rBV	3407299	4339946	9.11%	1.010%
78	21.404	3127	3131	3135	rVB	2745844	3261758	6.85%	0.759%
79	21.574	3156	3160	3164	rBV	3570643	4209785	8.84%	0.980%
80	21.839	3200	3205	3215	rBV	28629577	37135368	77.94%	8.644%
81	22.027	3234	3237	3241	rVB2	1141461	1257397	2.64%	0.293%
82	22.292	3279	3282	3291	rVB3	1888352	4084439	8.57%	0.951%
83	22.510	3314	3319	3330	rVB	9105849	12890581	27.05%	3.001%
84	22.804	3363	3369	3371	rBV	14120543	25274760	53.04%	5.883%
85	22.833	3371	3374	3383	rVB	20838302	28379574	59.56%	6.606%
86	23.245	3440	3444	3449	rVB	2454601	3854605	8.09%	0.897%
87	23.386	3464	3468	3478	rVB	3282746	6505054	13.65%	1.514%
88	23.645	3506	3512	3519	rVB	8585015	15539908	32.61%	3.617%
89	23.986	3563	3570	3575	rBV	7316065	14359662	30.14%	3.343%
90	24.057	3575	3582	3590	rVB	12975229	25141563	52.77%	5.852%
91	24.157	3595	3599	3615	rVB2	1724754	4206509	8.83%	0.979%
92	24.657	3680	3684	3690	rBV5	1342885	2692908	5.65%	0.627%
93	25.133	3759	3765	3777	rVB	4297526	9849473	20.67%	2.293%
94	25.557	3831	3837	3846	rVB3	2617048	7001183	14.69%	1.630%
95	25.680	3851	3858	3867	rVV	5595910	13912129	29.20%	3.238%
96	26.398	3967	3980	3989	rBV3	14612453	47648114	100.00%	11.091%
97	27.098	4093	4099	4115	rVV3	1581979	5582450	11.72%	1.299%
98	27.256	4117	4126	4163	rVB5	5341830	23988381	50.34%	5.584%
99	27.598	4176	4184	4191	rBV3	2698691	8817481	18.51%	2.052%
100	27.898	4226	4235	4251	rVB3	4317136	16871962	35.41%	3.927%

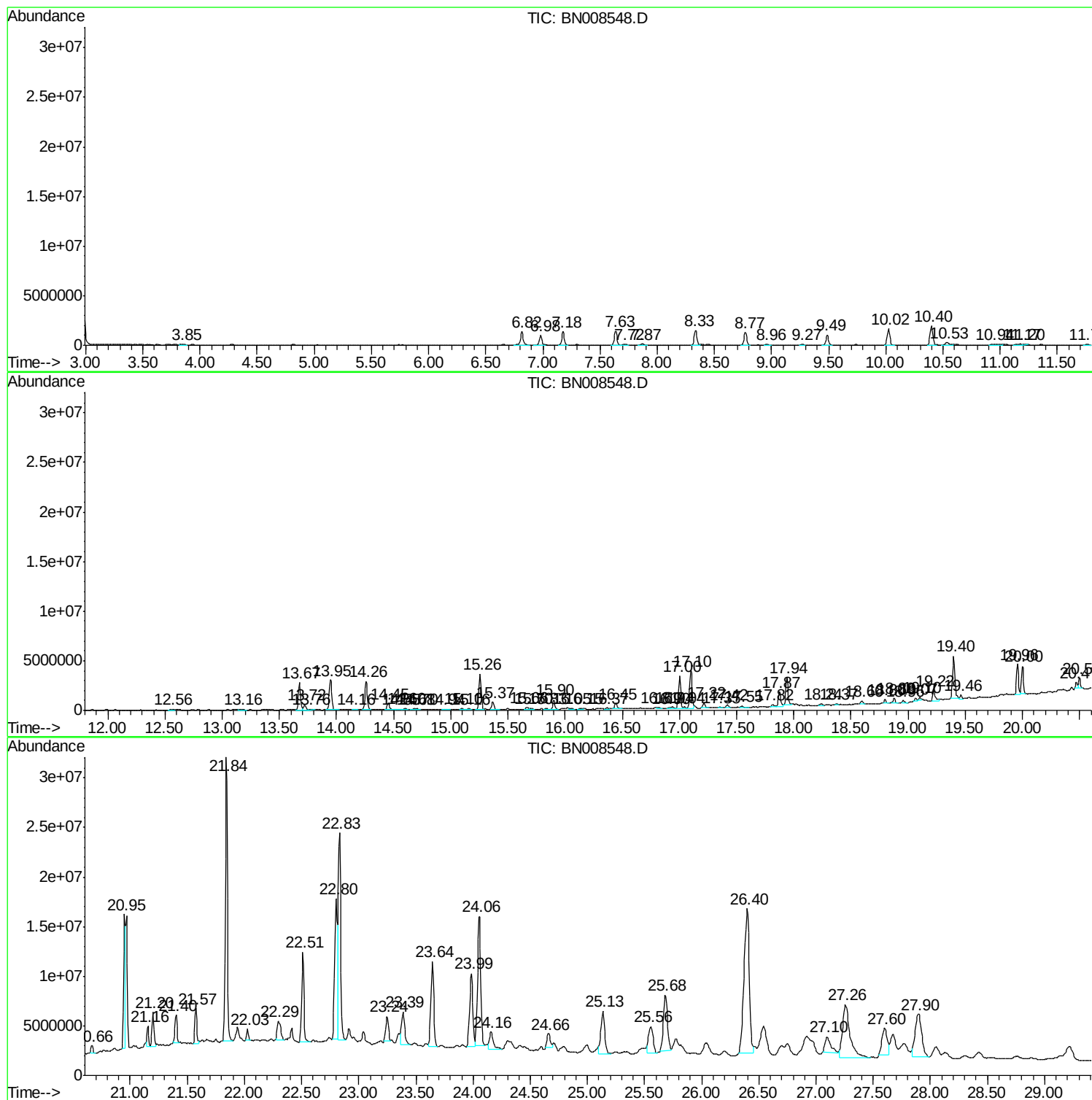
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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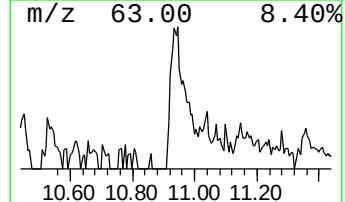
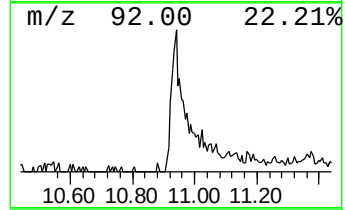
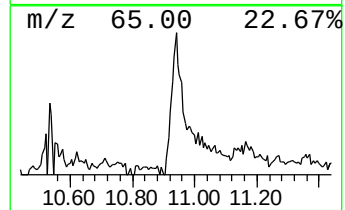
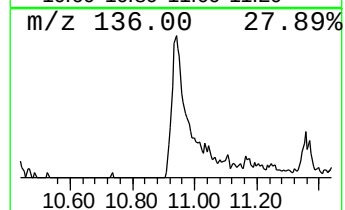
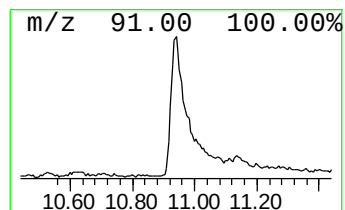
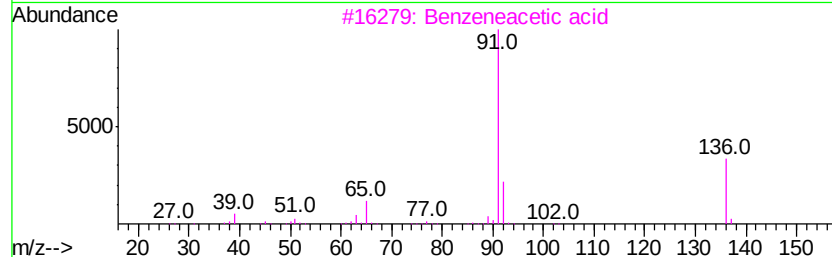
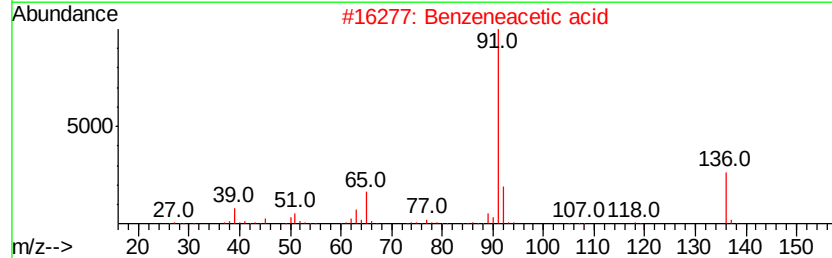
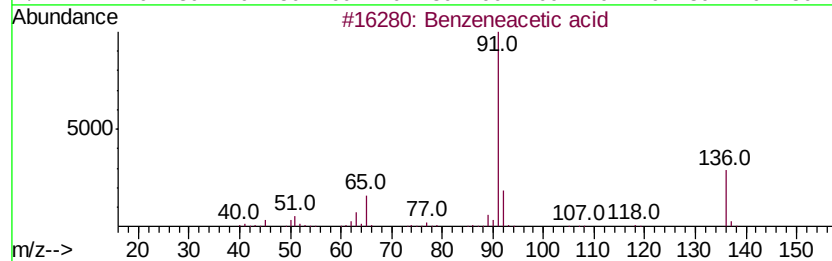
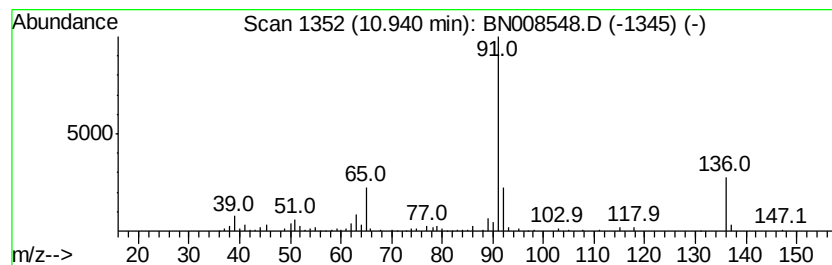
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzeneacetic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.27 ng/ul	363240	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
2		Benzeneacetic acid	136	C8H8O2	000103-82-2	94
3		Benzeneacetic acid	136	C8H8O2	000103-82-2	91
4		Benzeneacetic acid	136	C8H8O2	000103-82-2	87
5		Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	64



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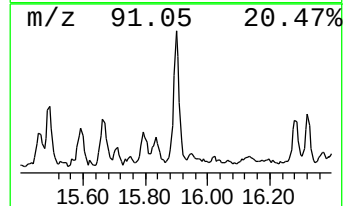
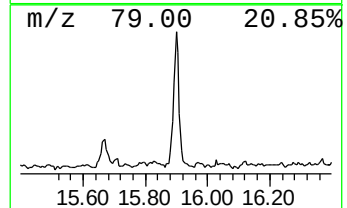
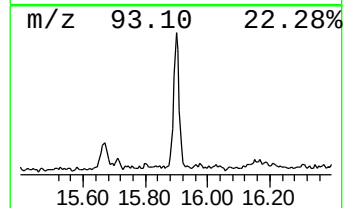
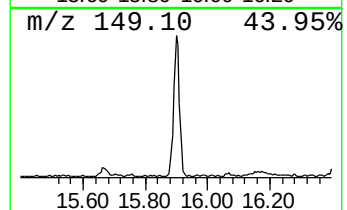
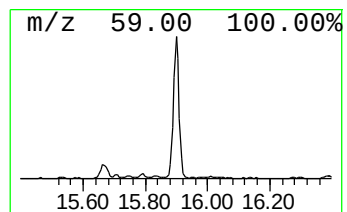
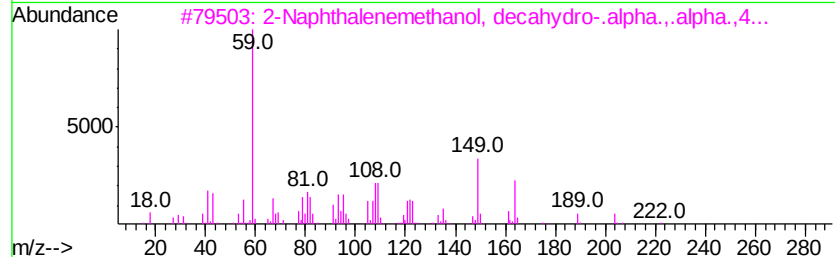
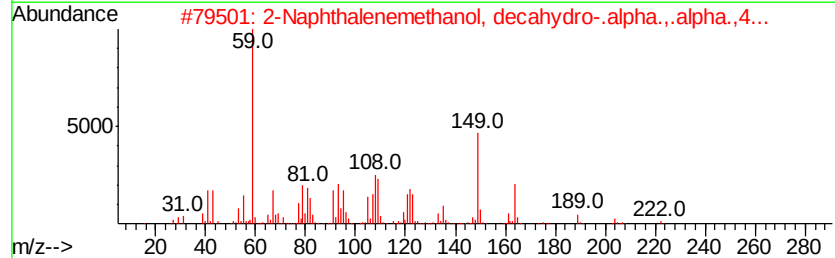
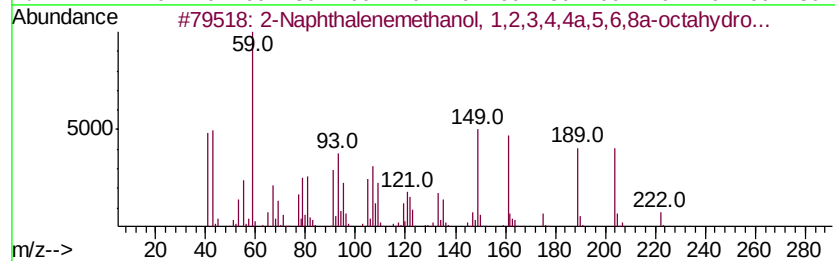
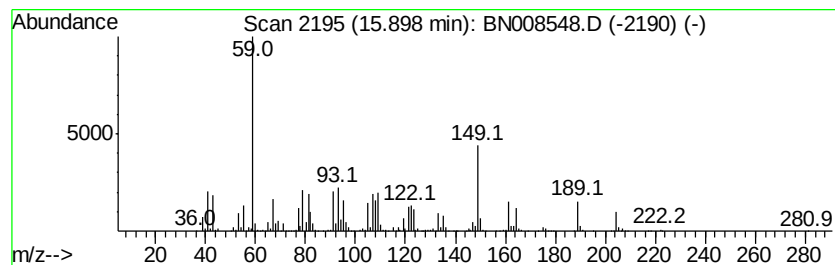
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Naphthalenemethanol, 1,2,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.26 ng/ul	1214020	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	90
2		2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	90
3		2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	89
4		2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	53
5		2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	43



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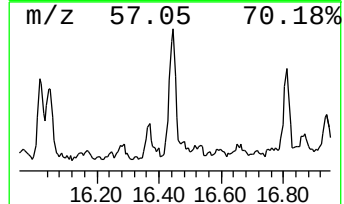
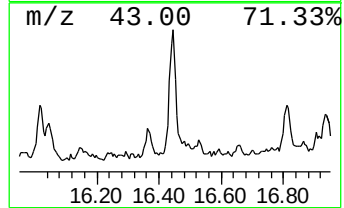
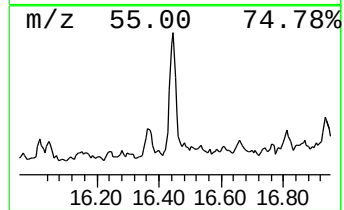
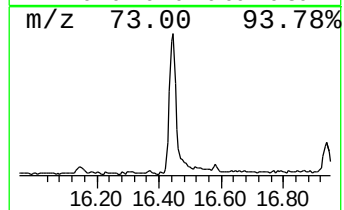
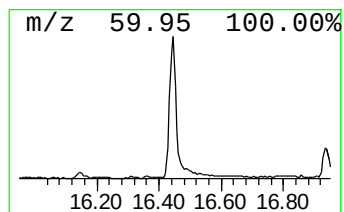
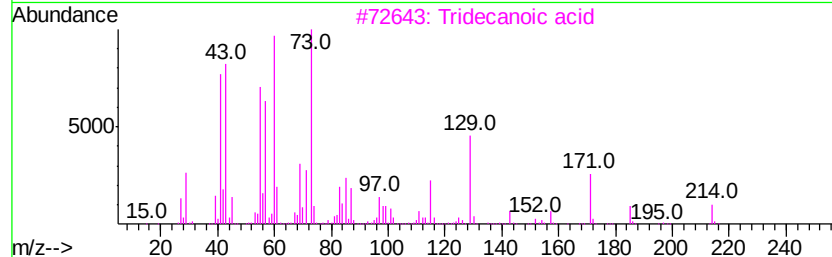
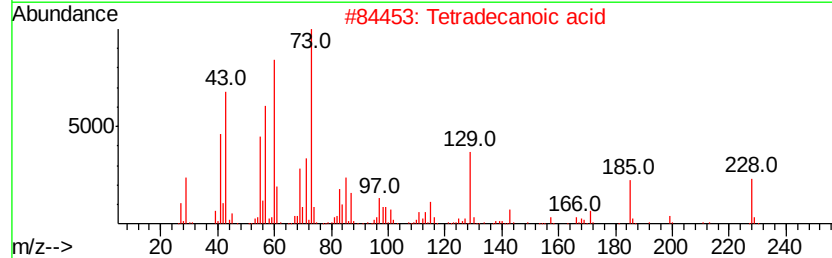
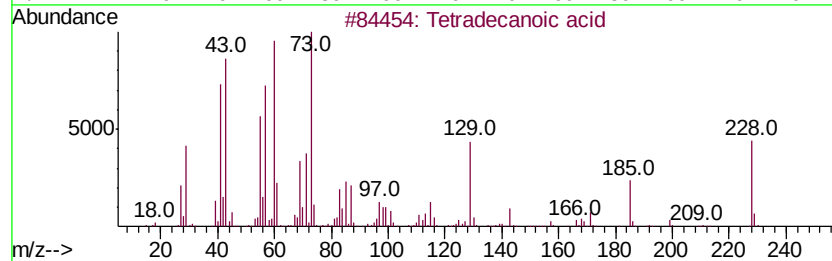
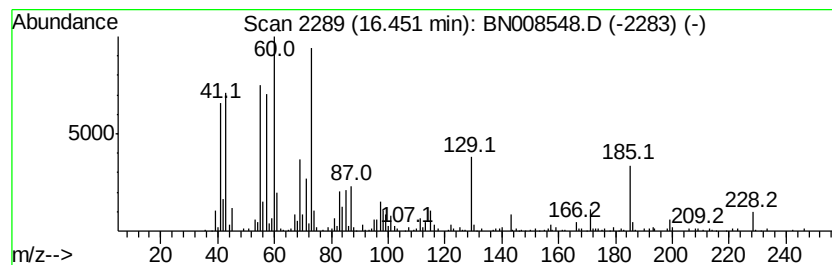
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Tetradecanoic acid Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.60 ng/ul	830638	Phenanthrene-d10	17.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecanoic acid	228 C14H28O2	000544-63-8 93
2		Tetradecanoic acid	228 C14H28O2	000544-63-8 87
3		Tridecanoic acid	214 C13H26O2	000638-53-9 78
4		Tetradecanoic acid	228 C14H28O2	000544-63-8 76
5		Tridecanoic acid	214 C13H26O2	000638-53-9 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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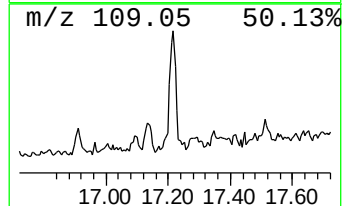
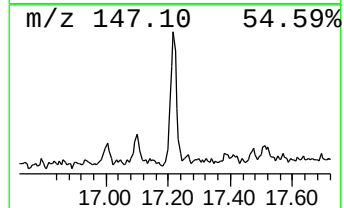
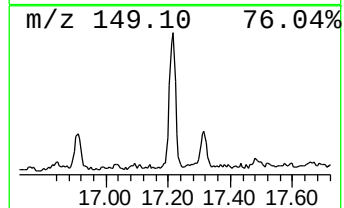
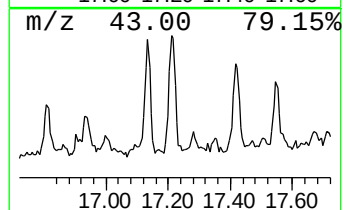
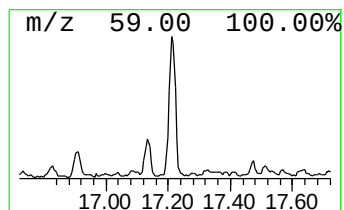
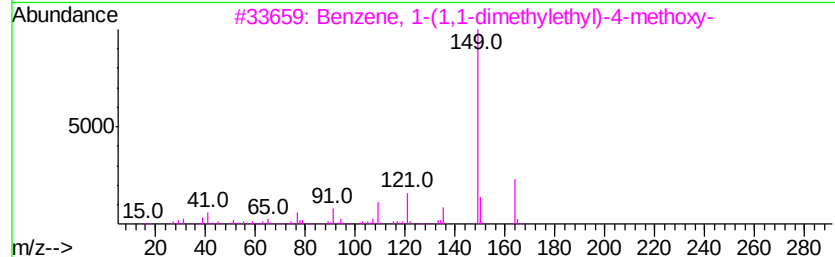
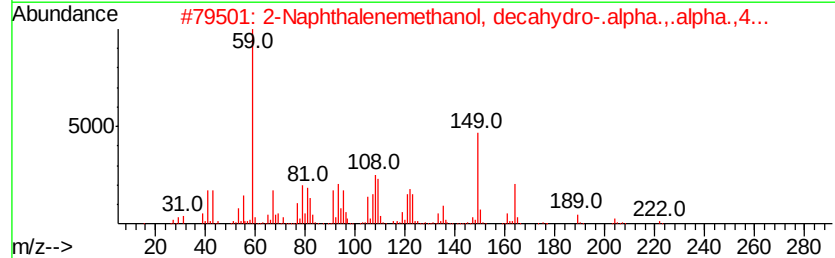
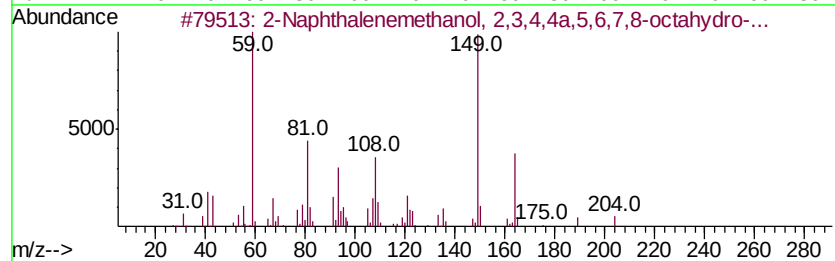
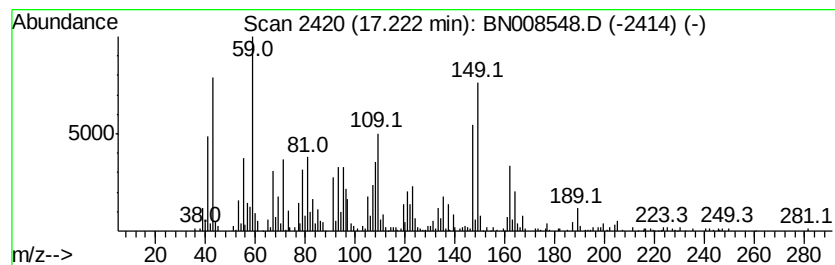
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	3.24 ng/ul	747390	Phenanthrene-d10	17.00

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	47		
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	46		
3	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	30		
4	1H-Purin-6-amine, N-methyl-	149	C6H7N5	000443-72-1	15		
5	1,4-Dimethyladamantane	164	C12H20	024145-88-8	14		



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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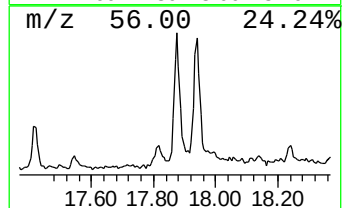
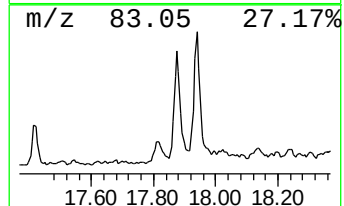
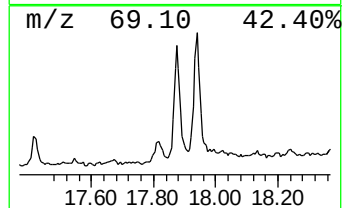
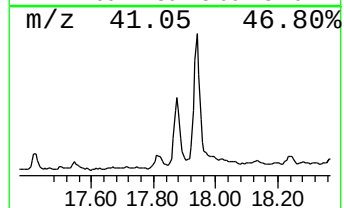
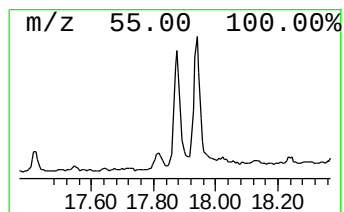
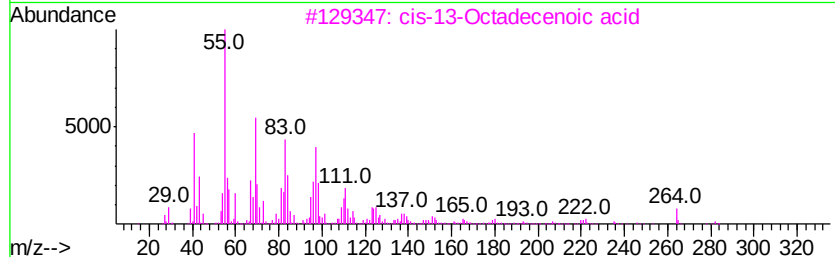
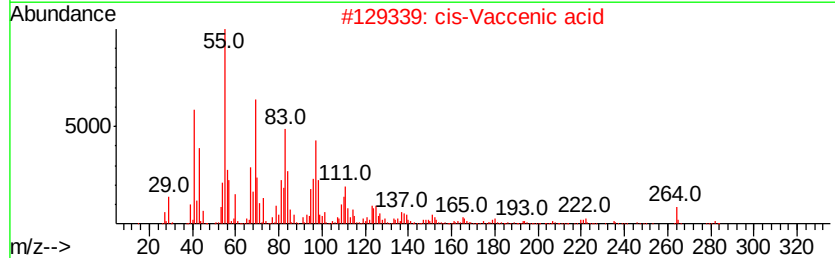
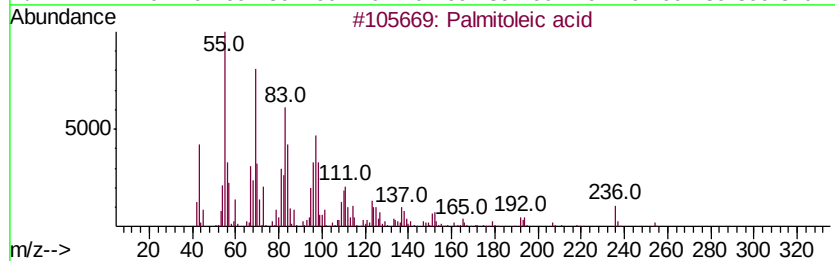
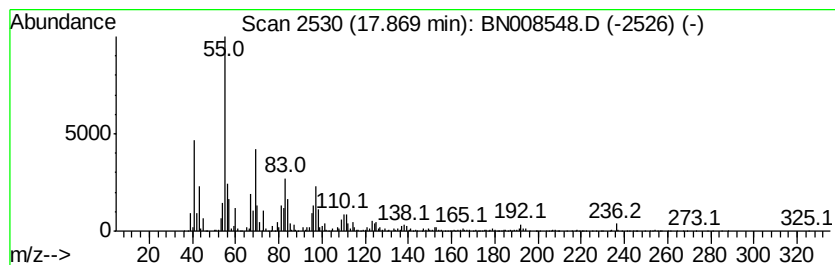
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Palmitoleic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	8.86 ng/ul	2045280	Phenanthrene-d10	17.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Palmitoleic acid	254	C16H30O2	000373-49-9	94
2		cis-Vaccenic acid	282	C18H34O2	000506-17-2	87
3		cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	87
4		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	86
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

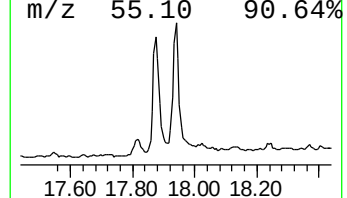
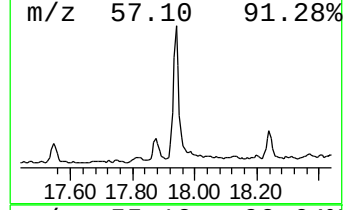
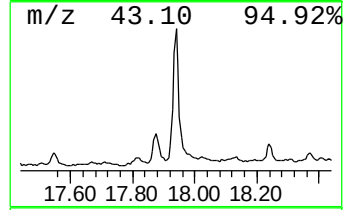
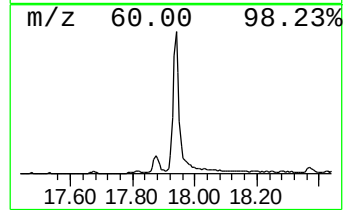
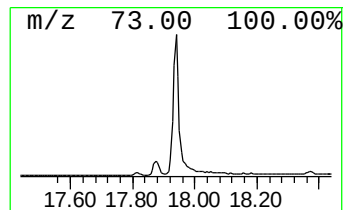
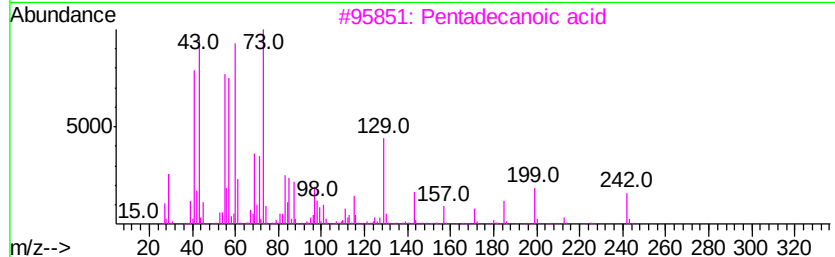
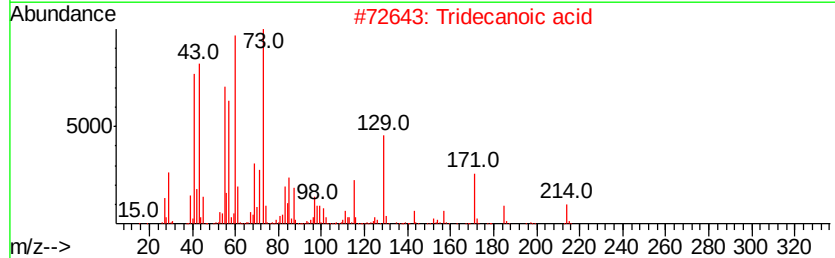
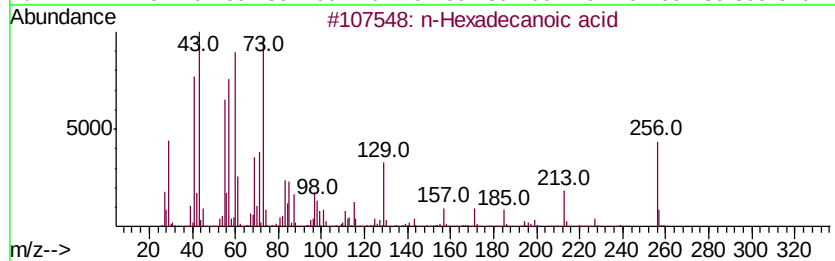
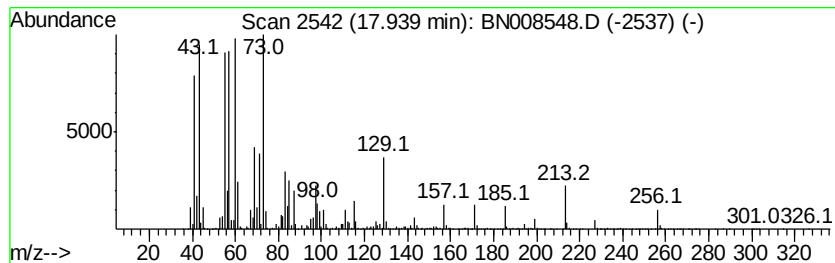
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	16.02 ng/ul	3698780	Phenanthrene-d10	17.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 98
2		Tridecanoic acid	214 C13H26O2	000638-53-9 94
3		Pentadecanoic acid	242 C15H30O2	001002-84-2 91
4		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 90
5		n-Hexadecanoic acid	256 C16H32O2	000057-10-3 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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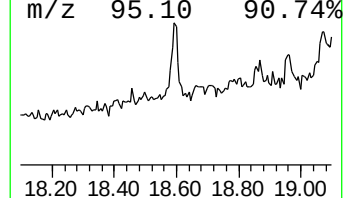
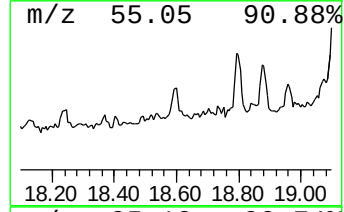
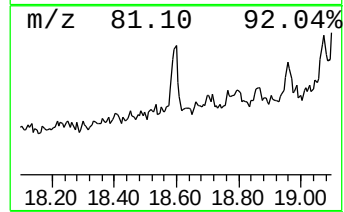
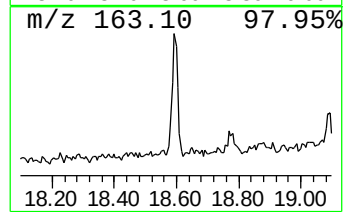
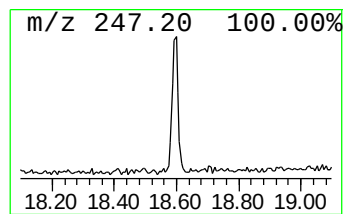
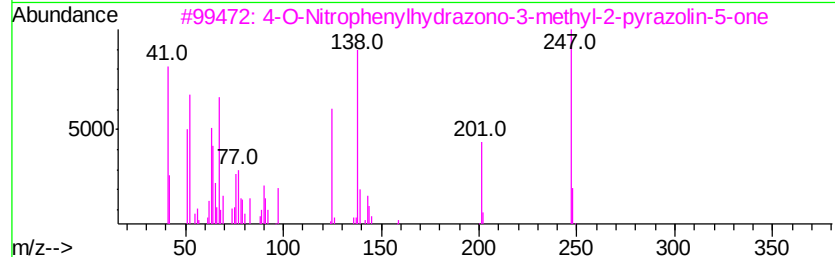
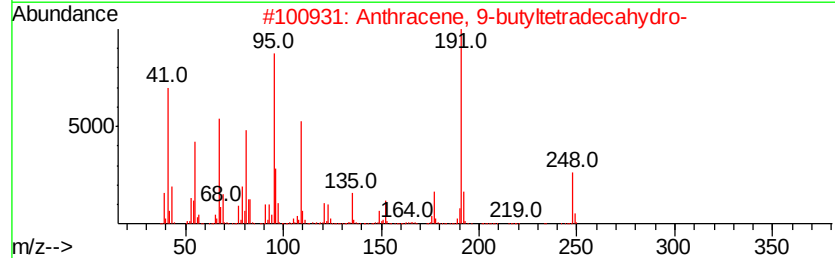
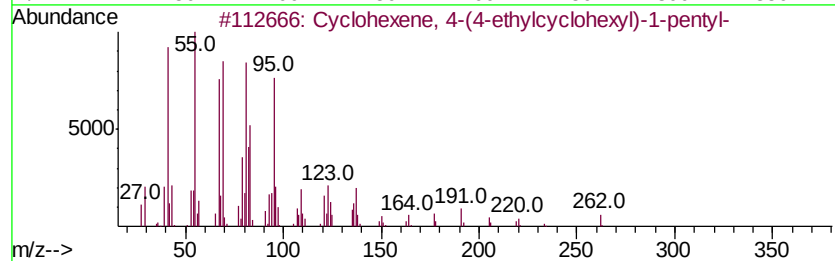
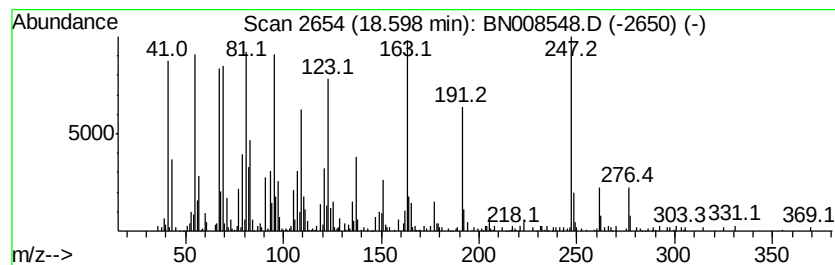
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexene, 4-(4-ethylcycl... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	2.06 ng/ul	476658	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	53
2		Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	30
3		4-O-Nitrophenylhydrazono-3-methy...	247	C10H9N5O3	065855-04-1	25
4		Divinylbis(cyclopropyl)silane	164	C10H16Si	1000109-95-2	22
5		Benzoic acid, 4-fluoro-, 2-(4-fl...	276	C14H10F2N2O2	000582-91-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Sample : K5678-04
Misc :
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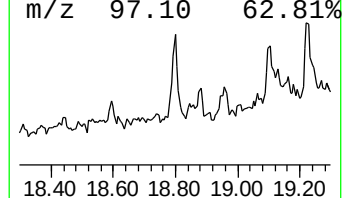
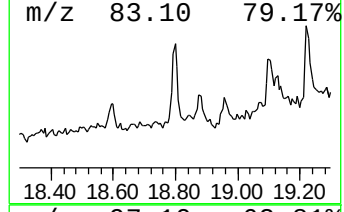
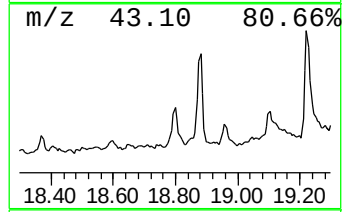
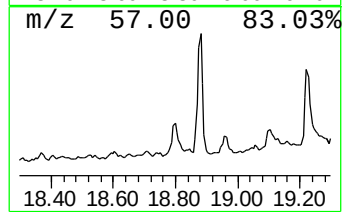
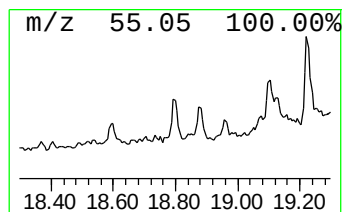
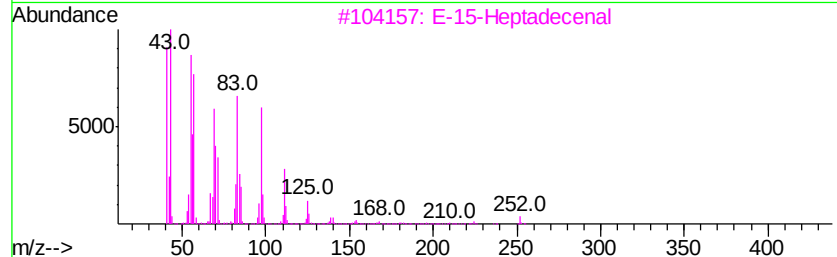
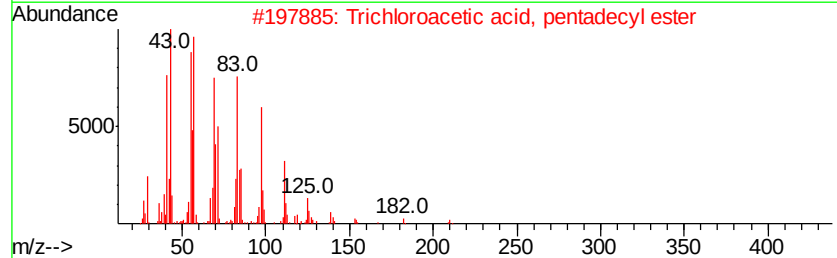
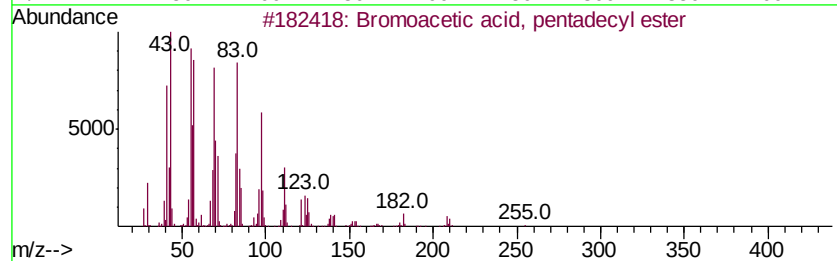
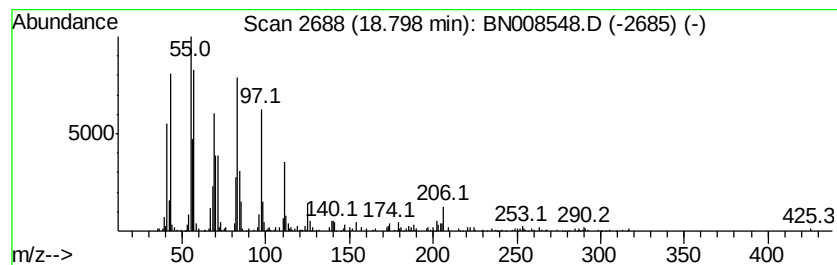
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Bromoacetic acid, pentadecy... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.80	2.08 ng/ul	480989	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3		E-15-Heptadecenal	252	C17H32O	1000130-97-9	91
4		E-14-Hexadecenal	238	C16H30O	330207-53-9	91
5		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Misc :
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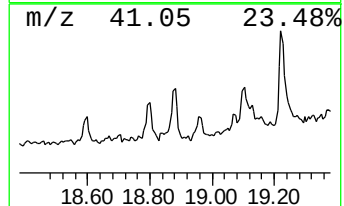
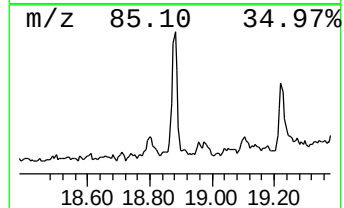
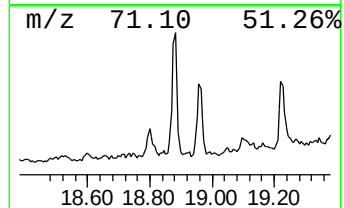
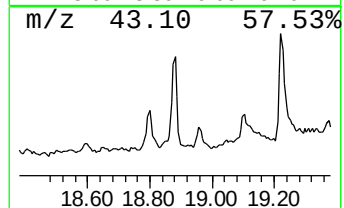
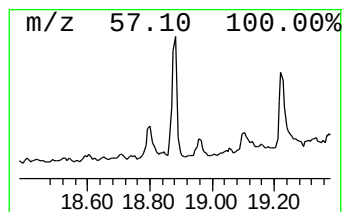
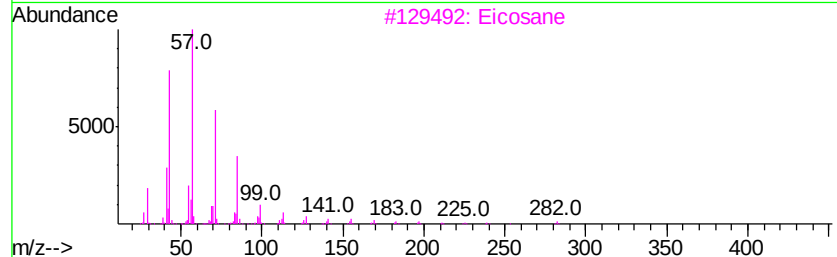
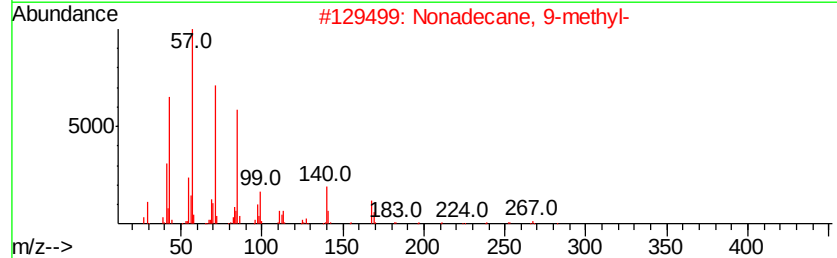
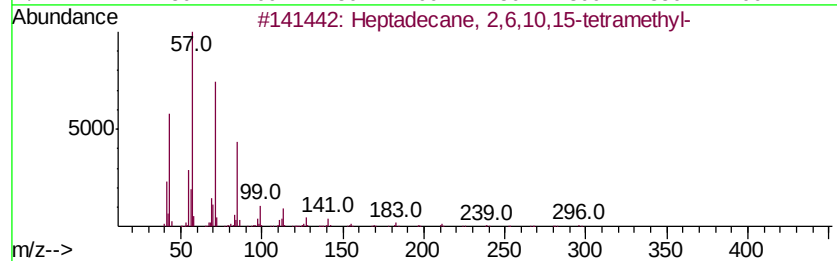
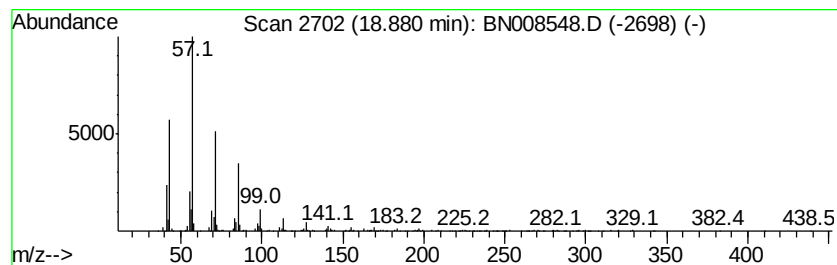
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.88	3.03 ng/ul	699954	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Eicosane	282	C20H42	000112-95-8	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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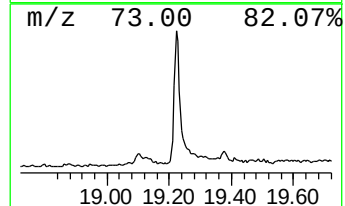
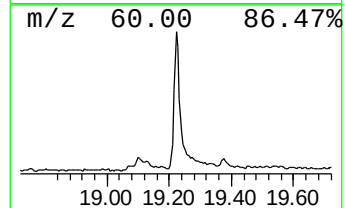
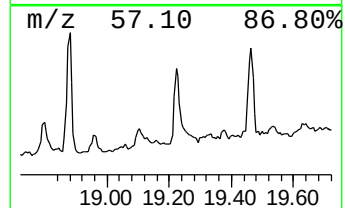
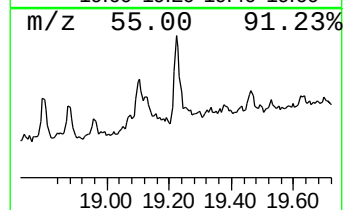
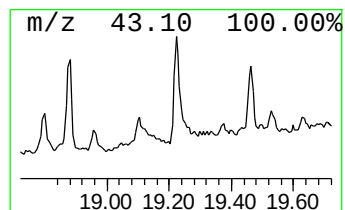
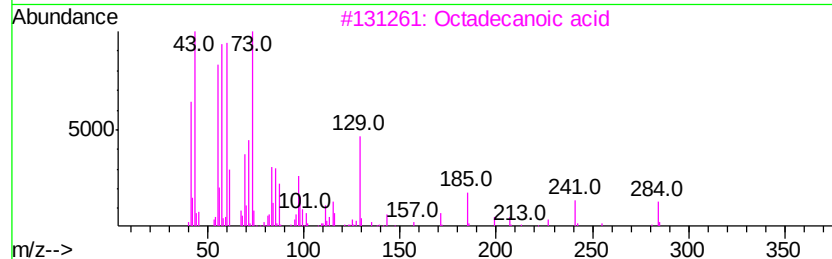
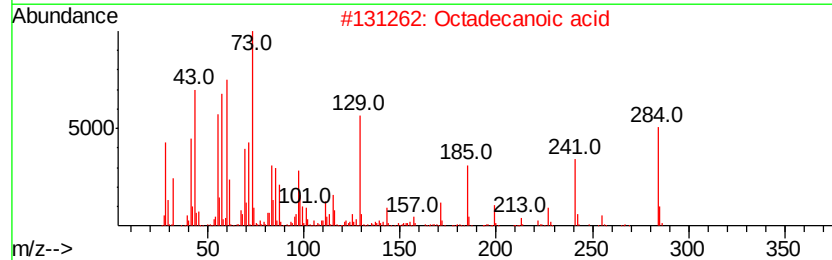
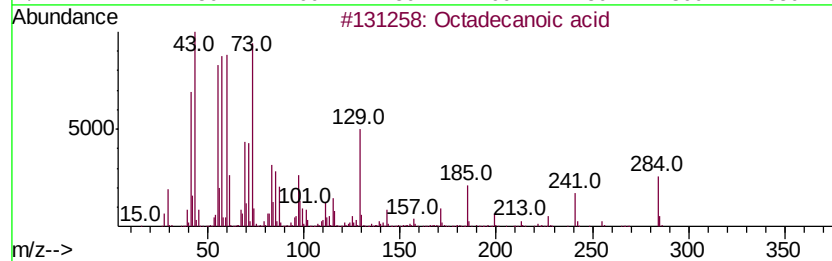
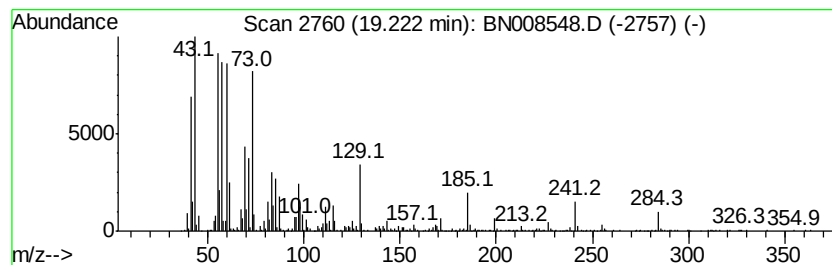
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octadecanoic acid Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	7.75 ng/ul	1681540	Chrysene-d12	21.20

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	97
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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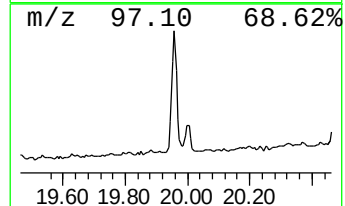
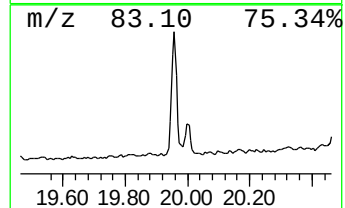
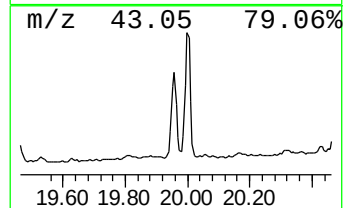
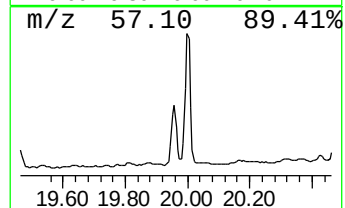
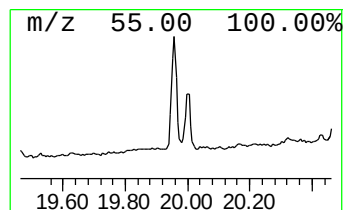
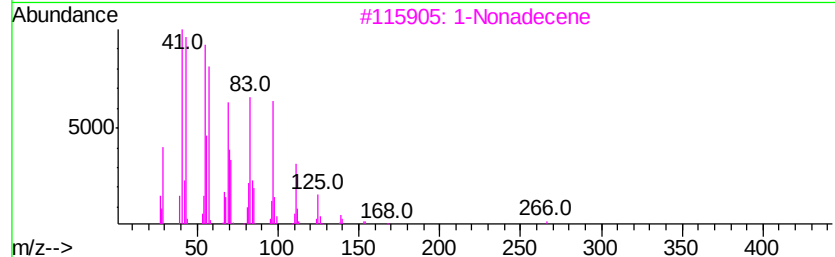
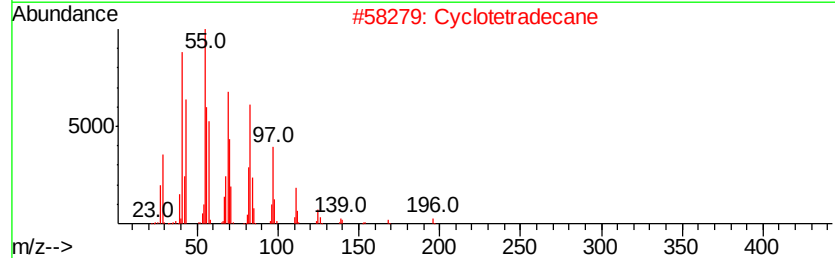
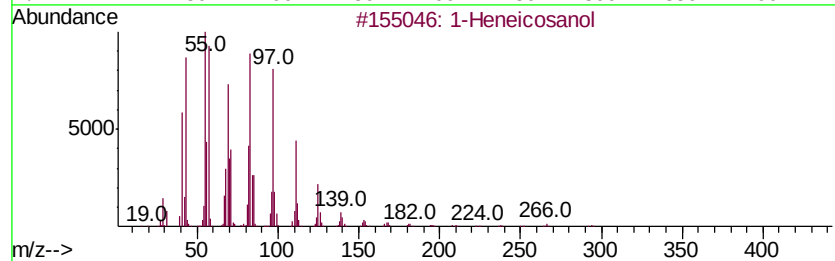
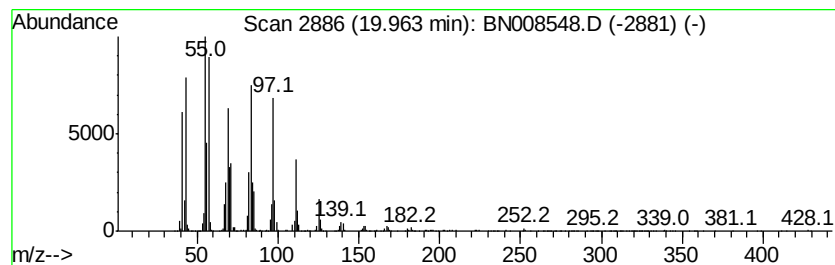
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1-Heneicosanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.96	15.55 ng/ul	3374870	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	93
2		Cyclotetradecane	196	C14H28	000295-17-0	93
3		1-Nonadecene	266	C19H38	018435-45-5	91
4		Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



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Sample : K5678-04
Misc :
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ClientSampleId :
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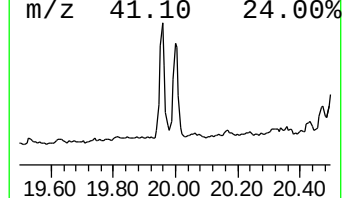
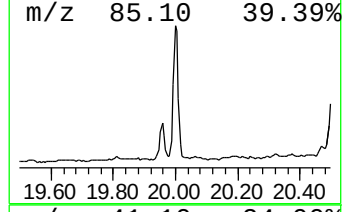
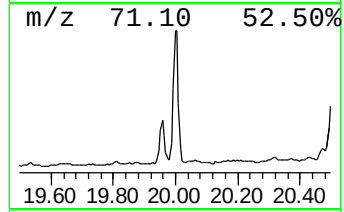
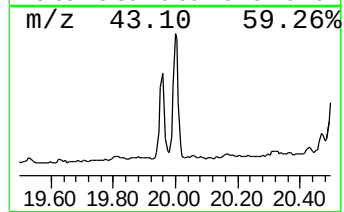
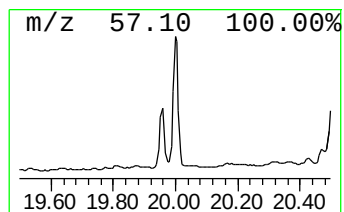
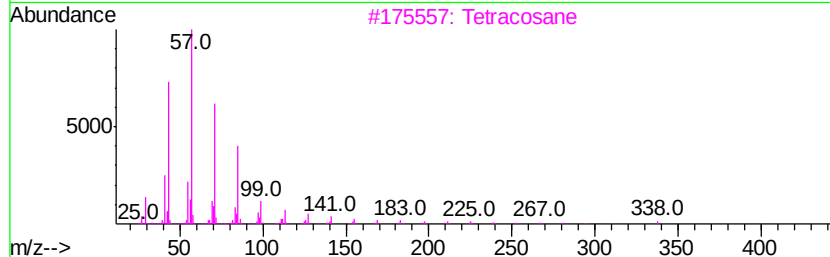
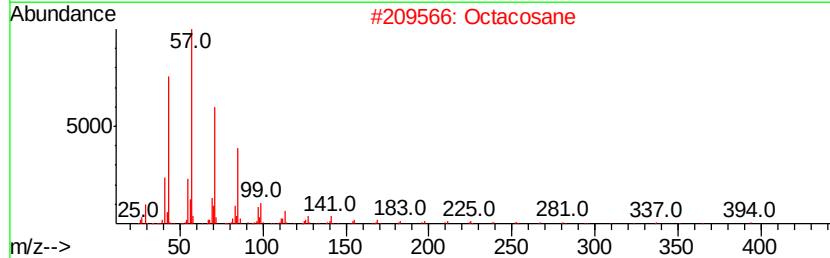
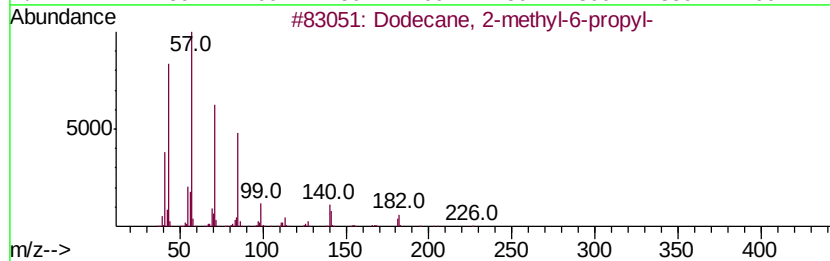
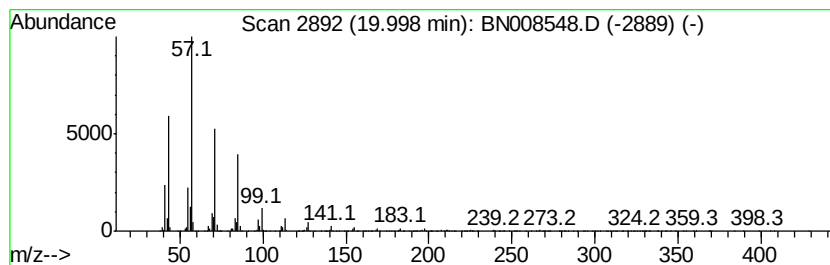
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	14.53 ng/ul	3152910	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Octacosane	394	C28H58	000630-02-4	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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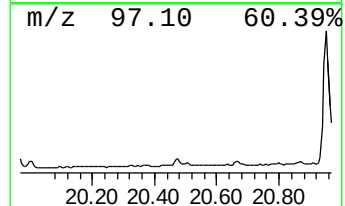
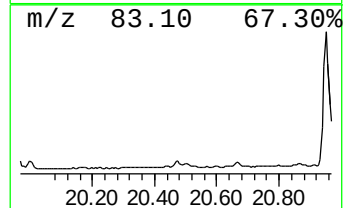
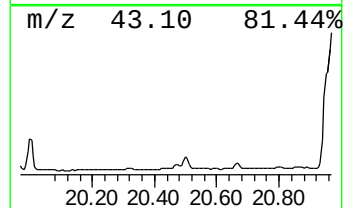
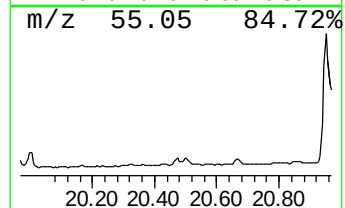
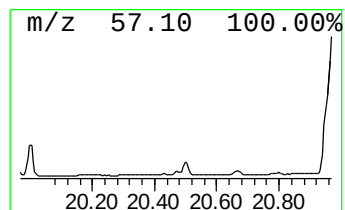
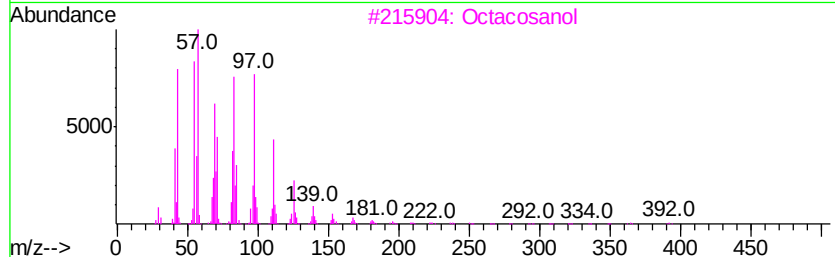
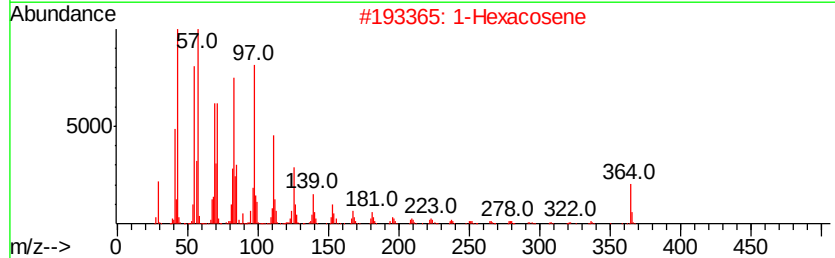
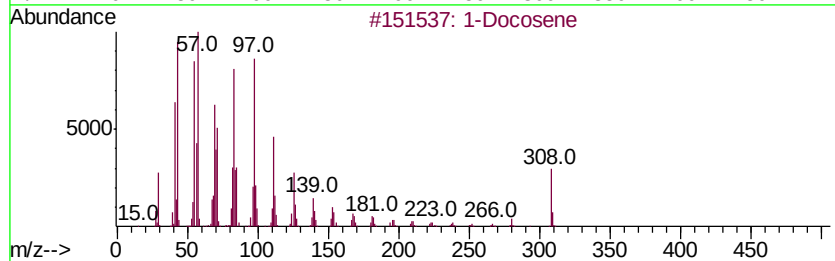
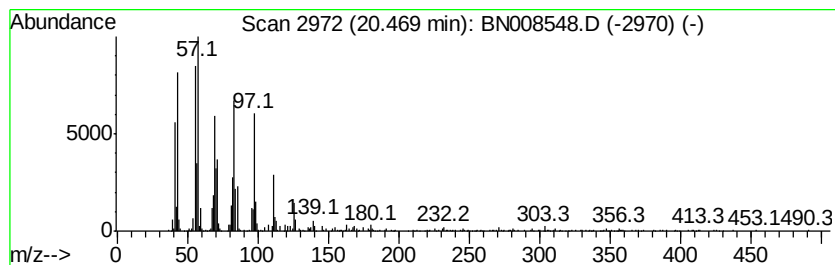
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 (DEL) Alkane: Cyclic20.47 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.47	3.31 ng/ul	718167	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	94
2		1-Hexacosene	364	C26H52	018835-33-1	93
3		Octacosanol	410	C28H58O	000557-61-9	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
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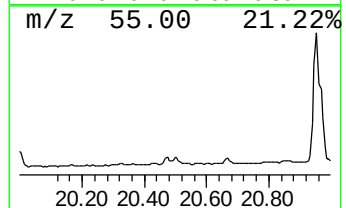
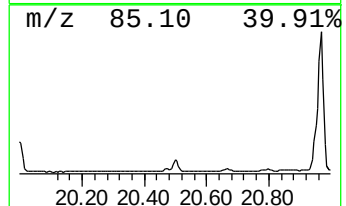
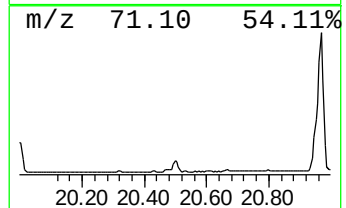
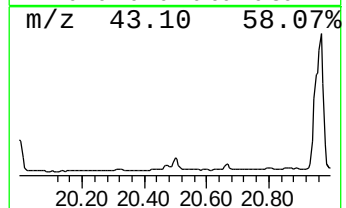
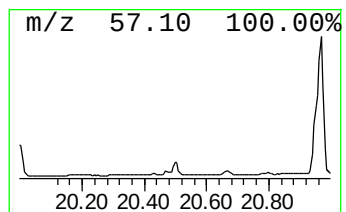
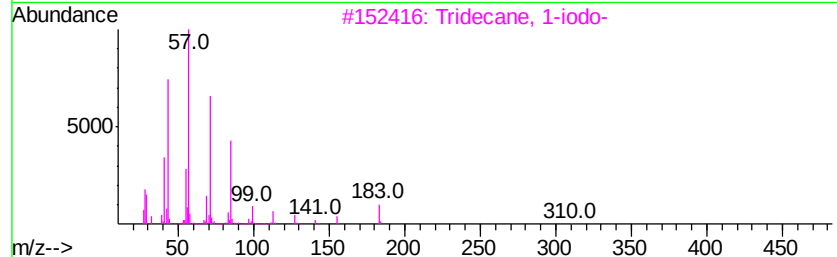
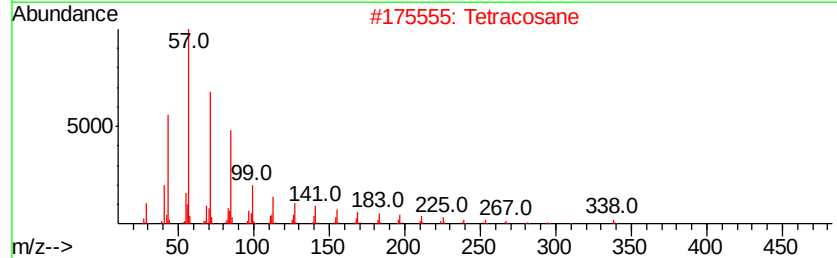
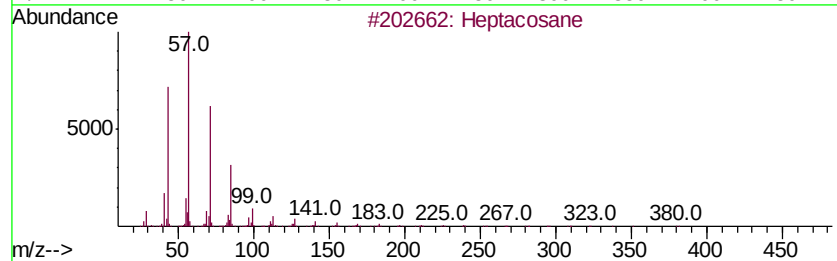
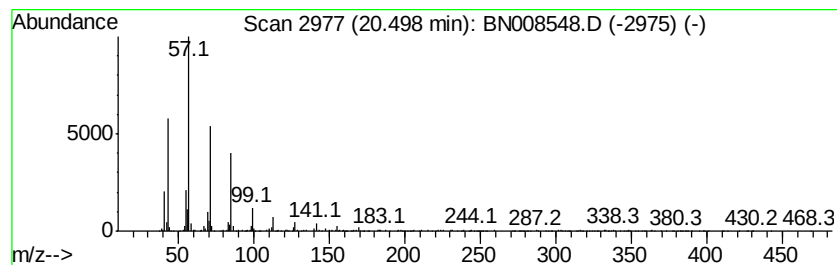
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	4.97 ng/ul	1077450	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	93
2			Tetracosane	338	C24H50	000646-31-1	90
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86
5			Hexadecane	226	C16H34	000544-76-3	83



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Instrument :
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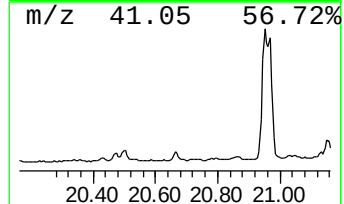
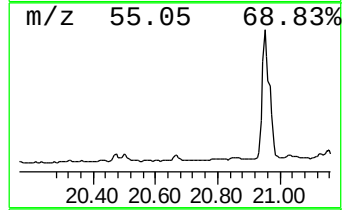
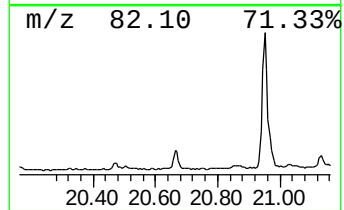
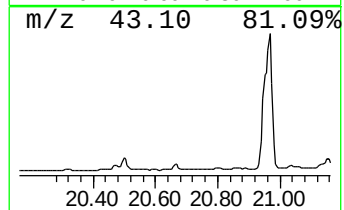
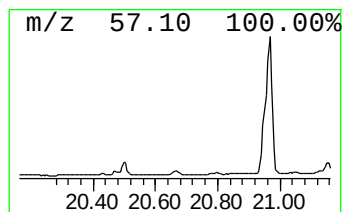
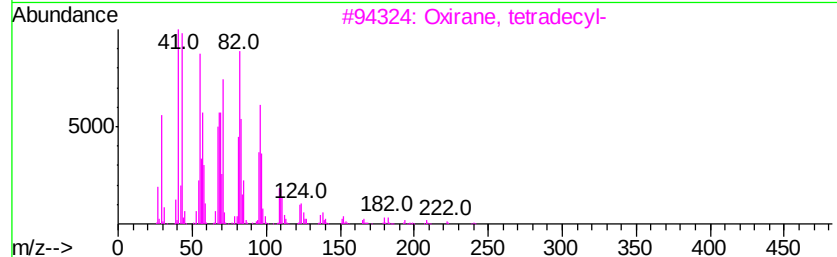
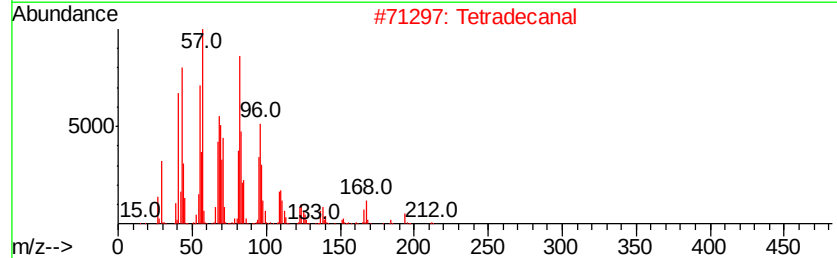
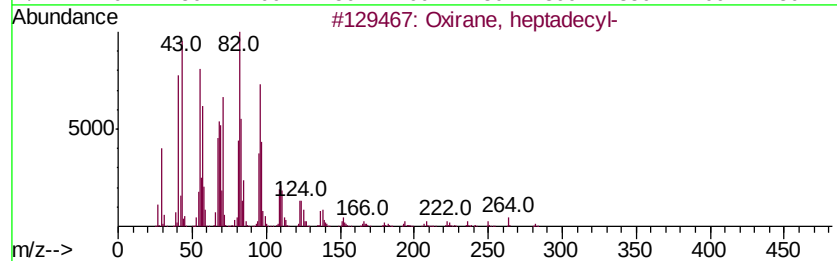
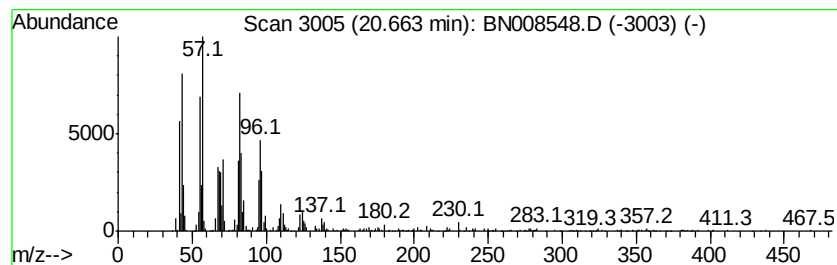
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Oxirane, heptadecyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	3.85 ng/ul	836426	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2			Tetradecanal	212	C14H28O	000124-25-4	94
3			Oxirane, tetradecyl-	240	C16H32O	007320-37-8	93
4			Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91
5			1,19-Eicosadiene	278	C20H38	014811-95-1	91



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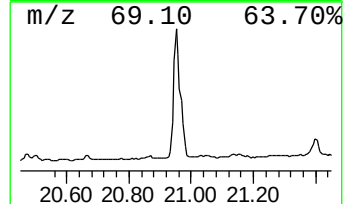
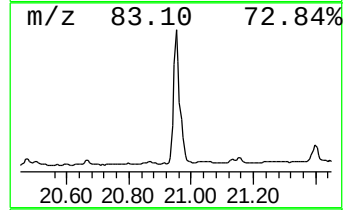
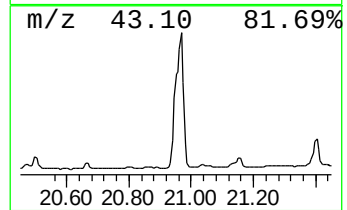
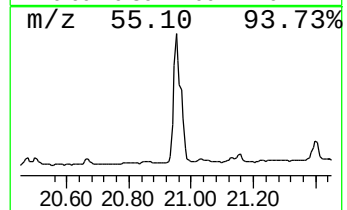
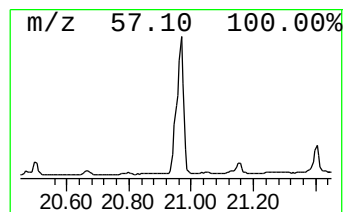
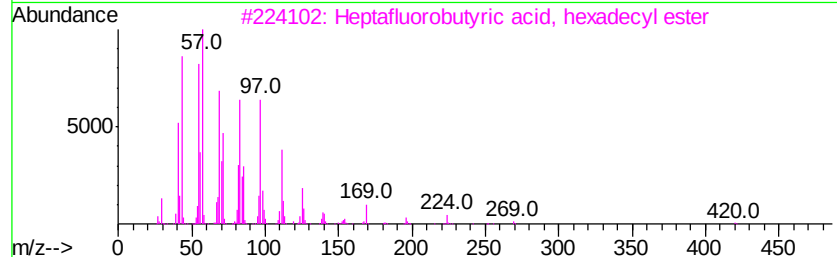
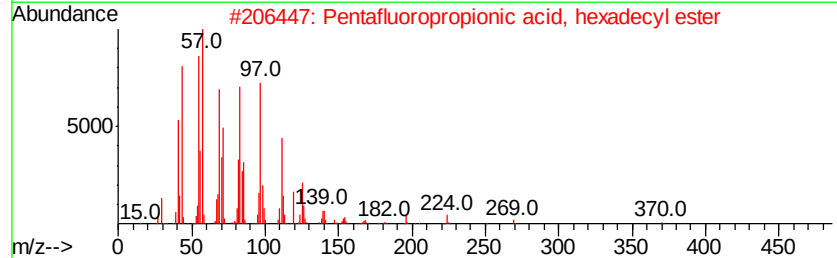
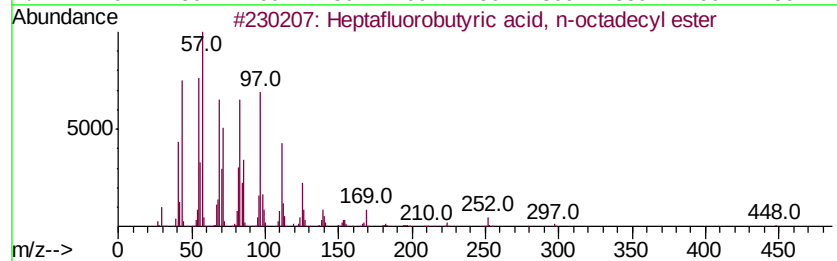
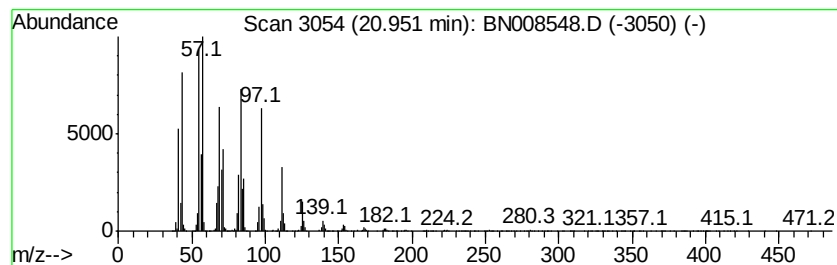
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptafluorobutyric acid, n-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	65.07 ng/ul	14119200	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptafluorobutyric acid, n-octadecyl ester	466	C22H37F7O2	000400-57-7	94
2			Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	94
3			Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	94
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5			Heptafluorobutyric acid, pentadecyl ester	424	C19H31F7O2	959261-23-5	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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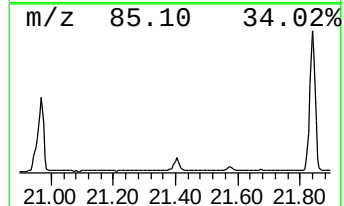
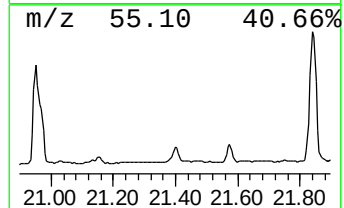
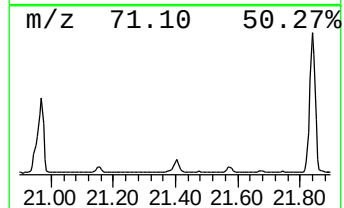
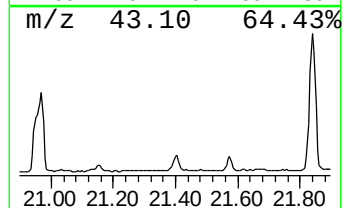
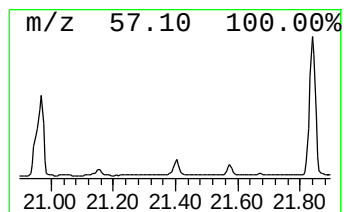
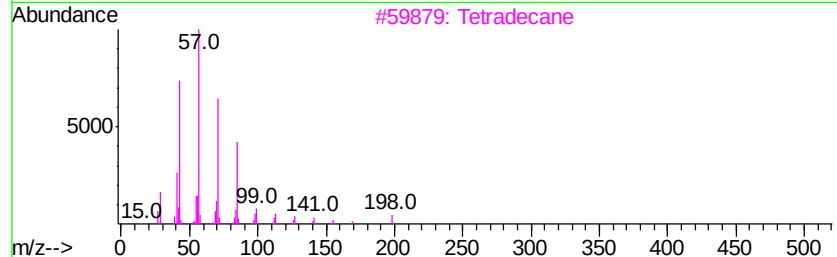
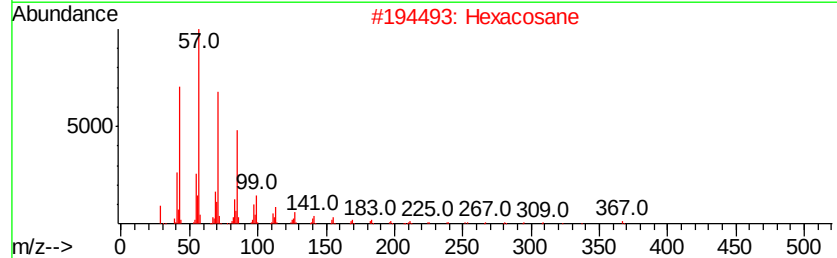
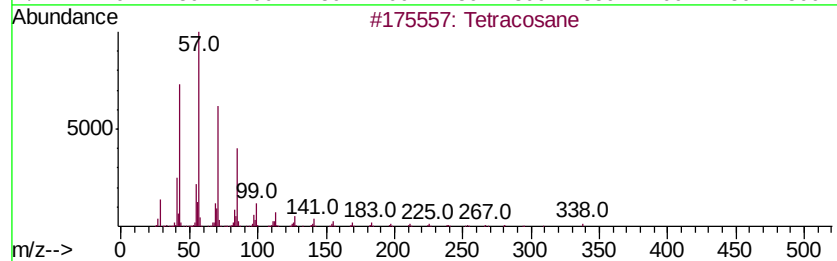
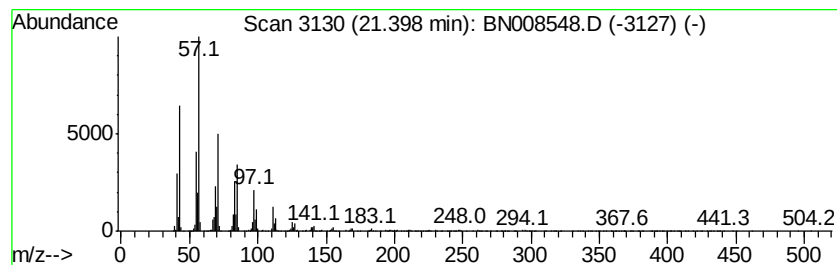
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	15.03 ng/ul	3261760	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	95
2			Hexacosane	366	C26H54	000630-01-3	94
3			Tetradecane	198	C14H30	000629-59-4	93
4			Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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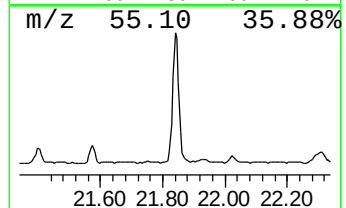
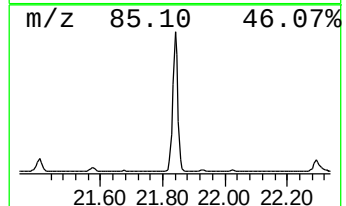
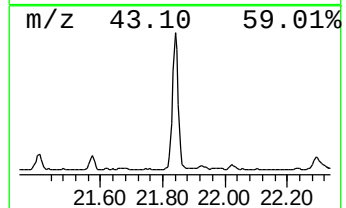
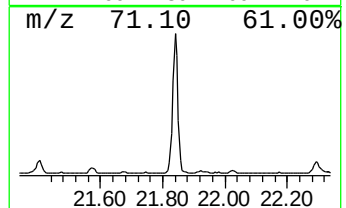
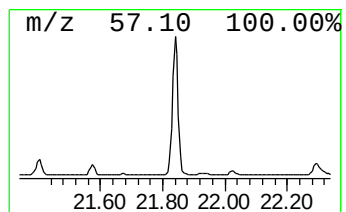
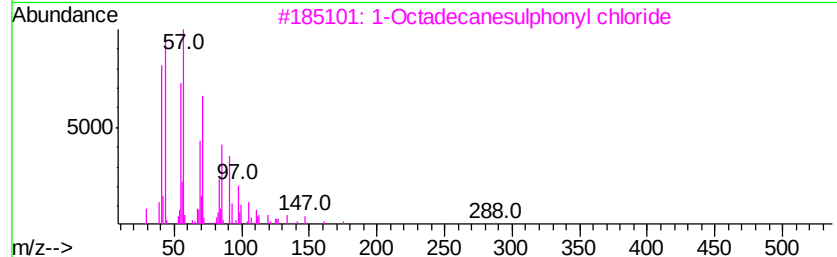
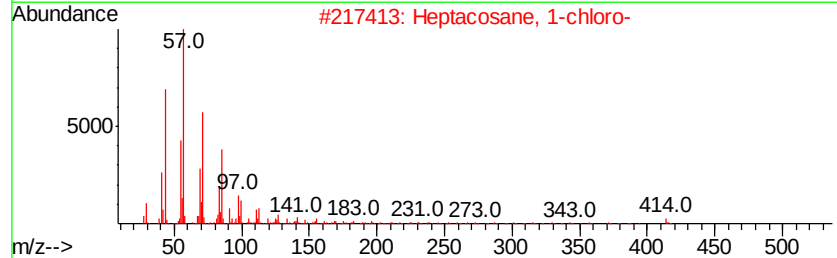
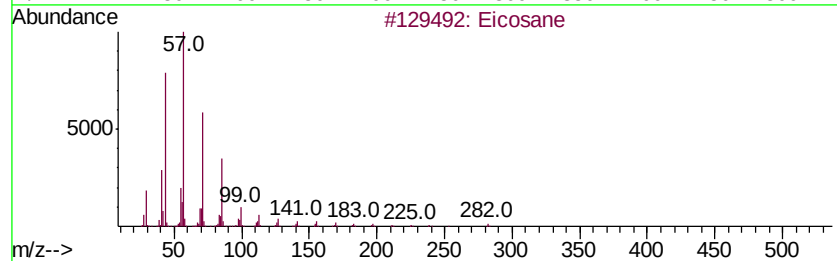
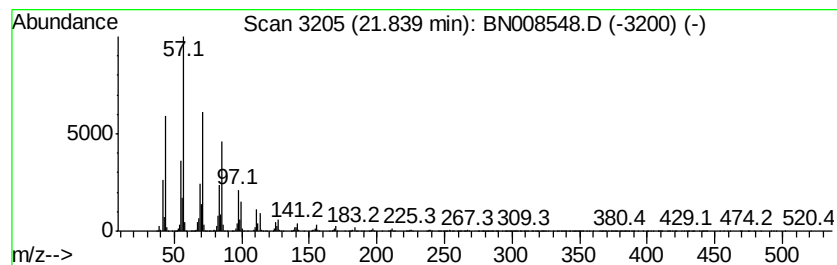
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	171.13 ng/ul	37135400	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	94
3		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
4		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
5		Tritetracontane	605	C43H88	007098-21-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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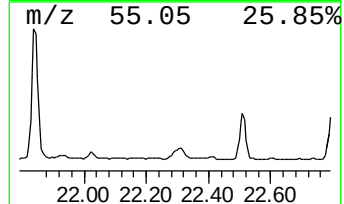
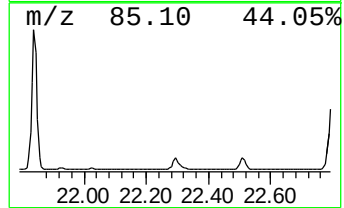
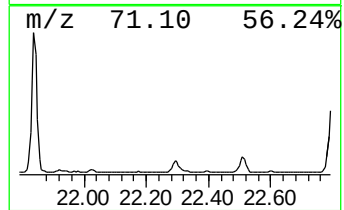
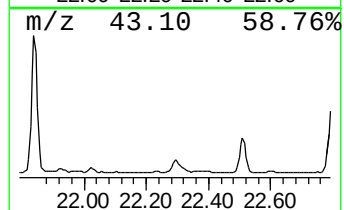
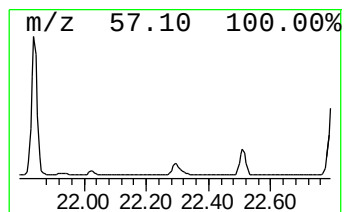
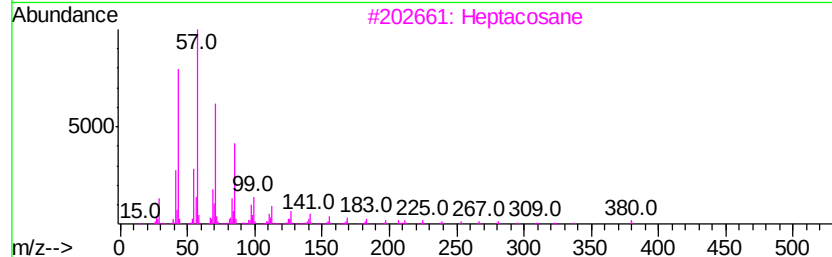
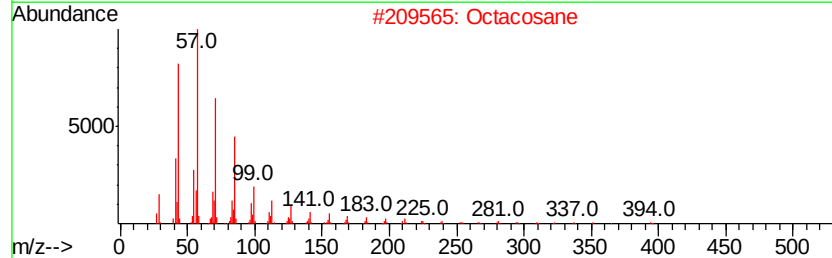
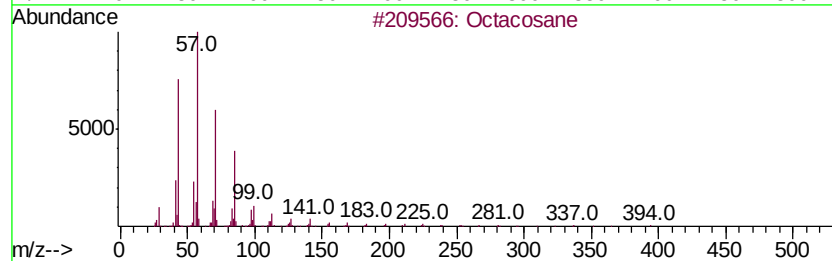
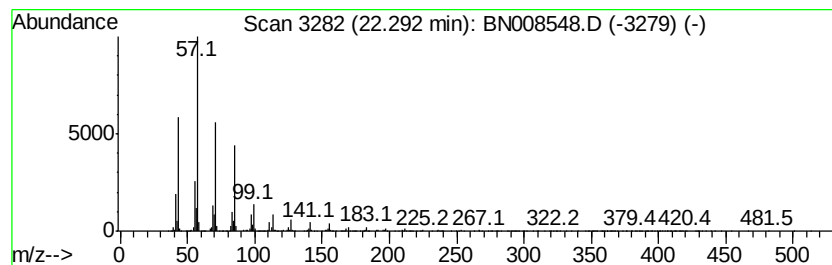
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	12.56 ng/ul	4084440	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	98
2		Octacosane	394	C28H58	000630-02-4	95
3		Heptacosane	380	C27H56	000593-49-7	93
4		Pentacosane	352	C25H52	000629-99-2	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

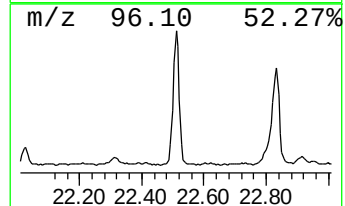
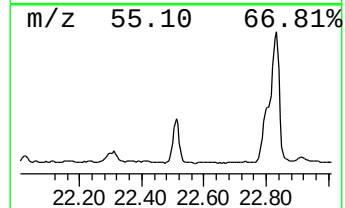
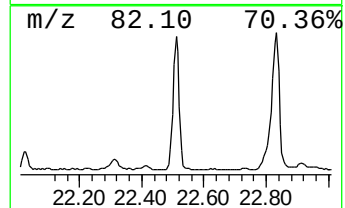
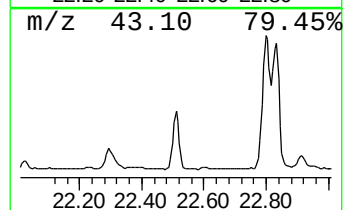
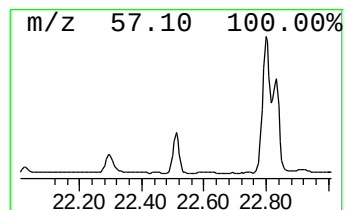
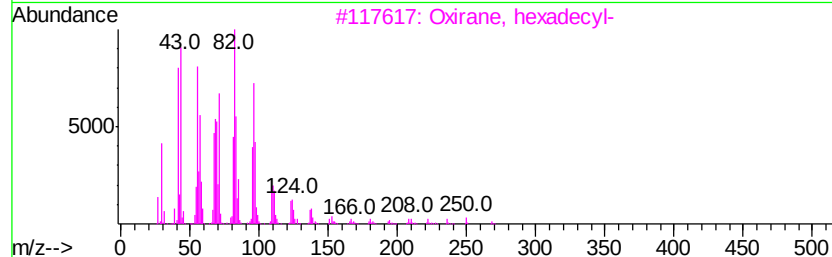
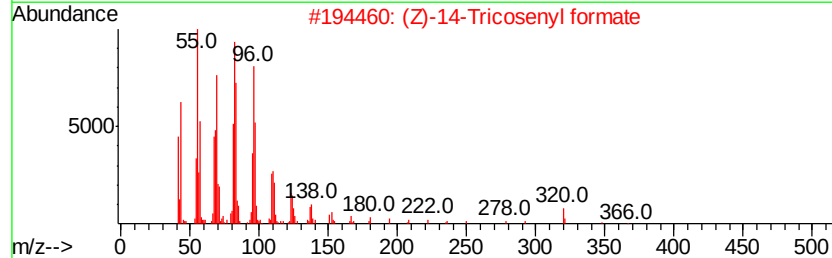
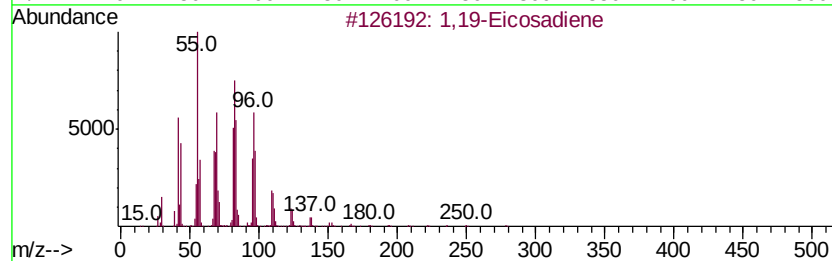
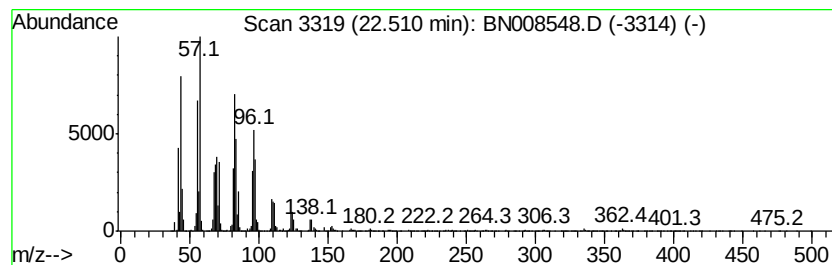
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,19-Eicosadiene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	39.63 ng/ul	12890600	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,19-Eicosadiene	278 C20H38	014811-95-1 95
2		(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6 94
3		Oxirane, hexadecyl-	268 C18H36O	007390-81-0 91
4		Octadecanal	268 C18H36O	000638-66-4 91
5		Octadecanal	268 C18H36O	000638-66-4 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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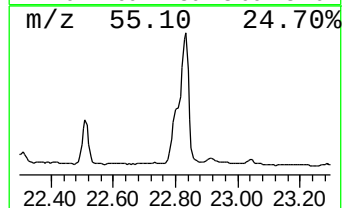
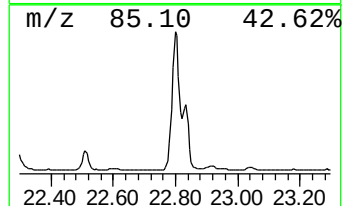
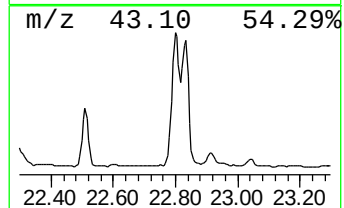
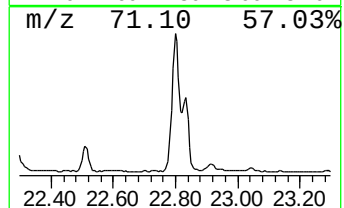
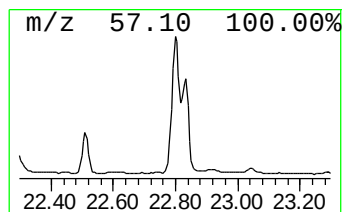
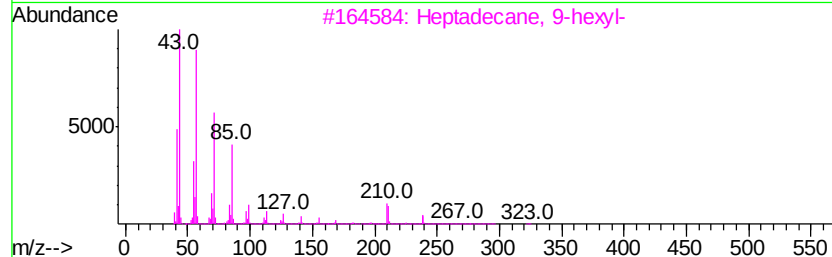
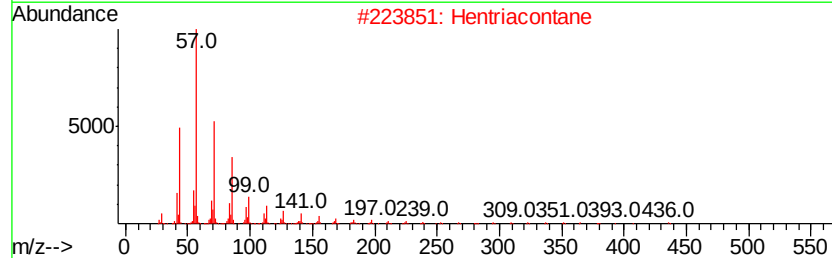
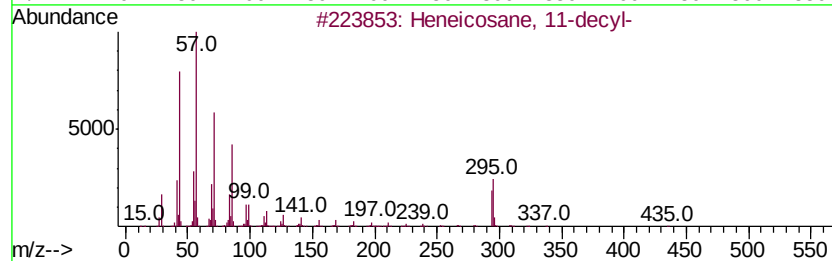
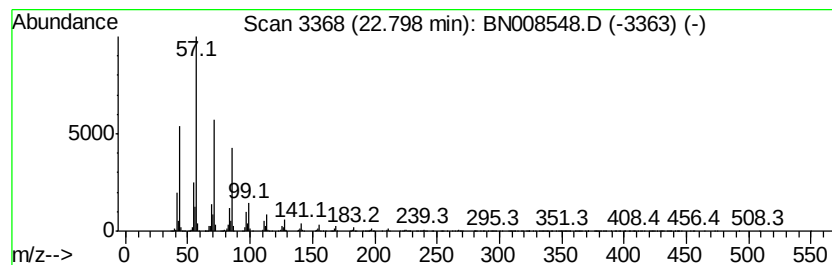
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	77.71 ng/ul	25274800	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	97
2		Hentriacontane	437	C31H64	000630-04-6	96
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4		Heptadecane, 8,8-dipentyl-	380	C27H56	055282-28-5	93
5		Heptacosane	380	C27H56	000593-49-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
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Instrument :
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ClientSampleId :
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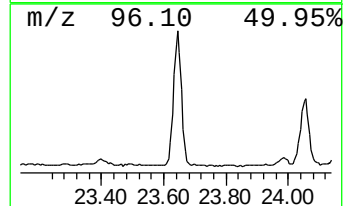
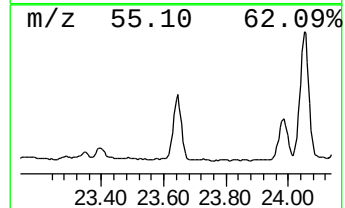
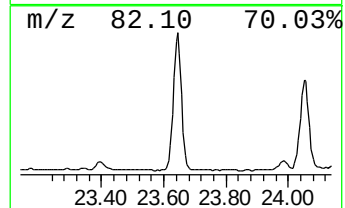
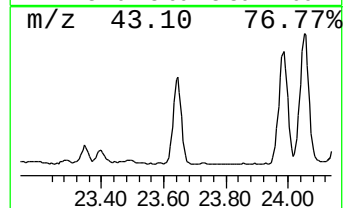
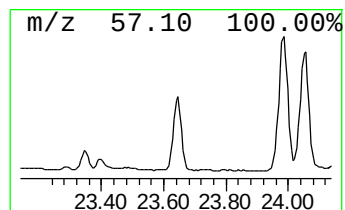
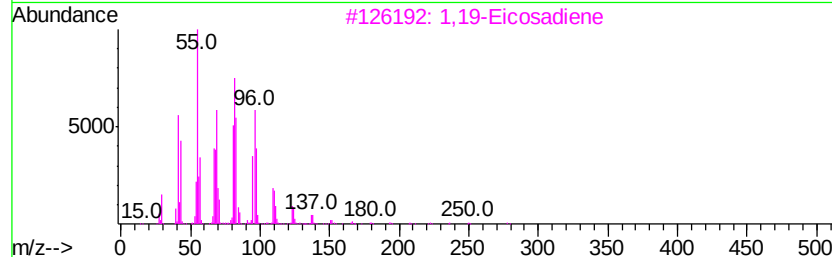
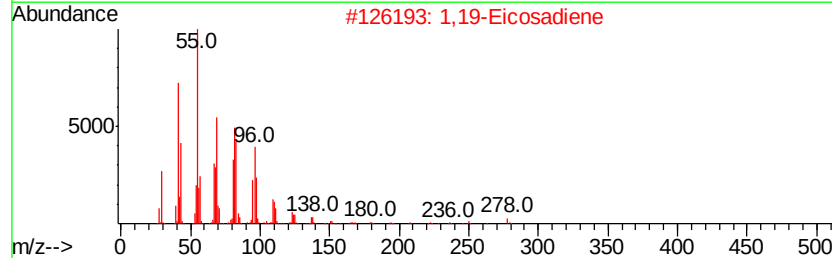
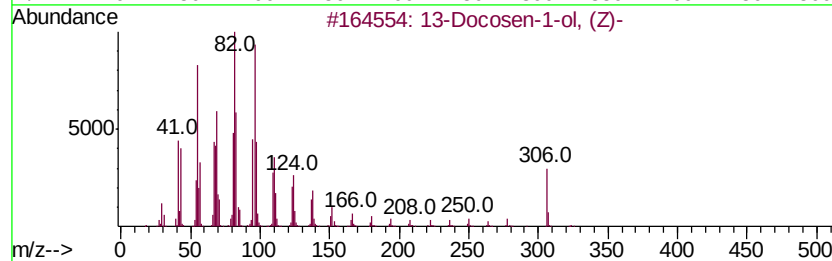
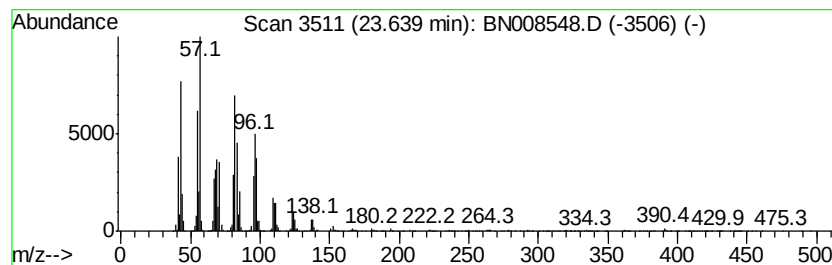
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 13-Docosen-1-ol, (Z)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.64	47.78 ng/ul	15539900	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosen-1-ol, (Z)-	324	C22H44O	000629-98-1	99
2		1,19-Eicosadiene	278	C20H38	014811-95-1	96
3		1,19-Eicosadiene	278	C20H38	014811-95-1	95
4		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	93
5		Octadecanal	268	C18H36O	000638-66-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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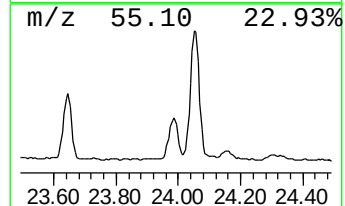
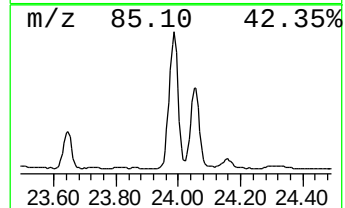
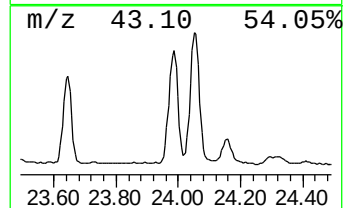
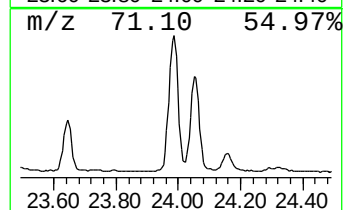
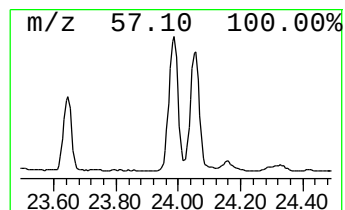
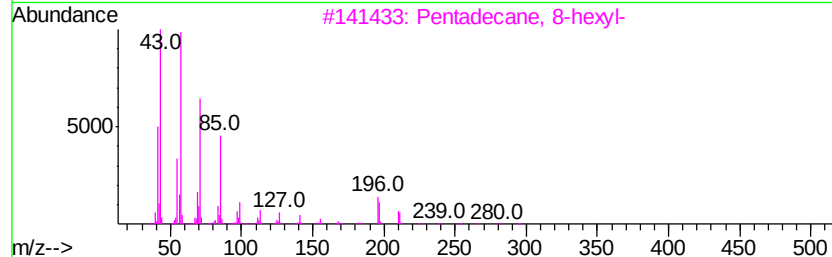
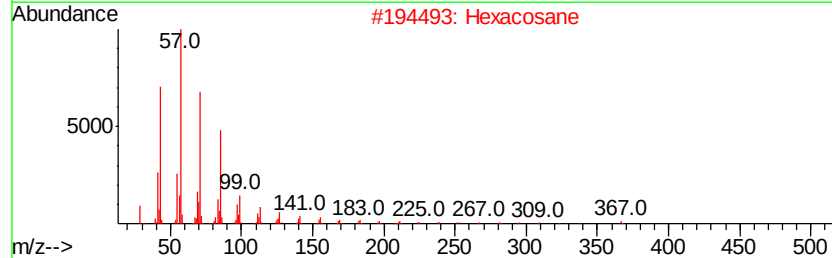
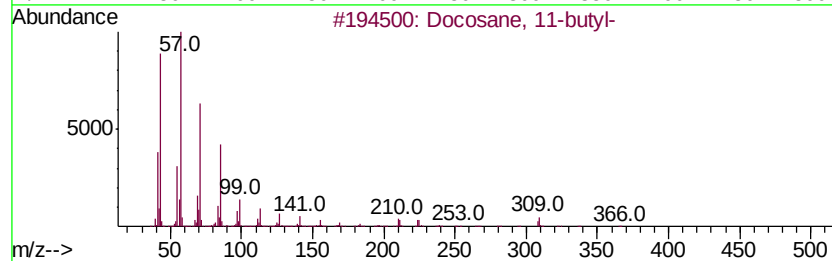
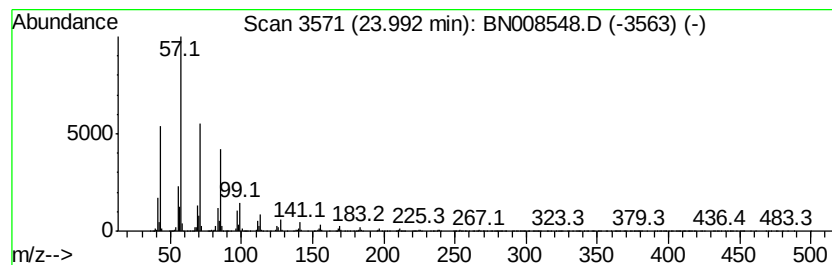
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	44.15 ng/ul	14359700	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2		Hexacosane	366	C26H54	000630-01-3	94
3		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4		Tetracosane	338	C24H50	000646-31-1	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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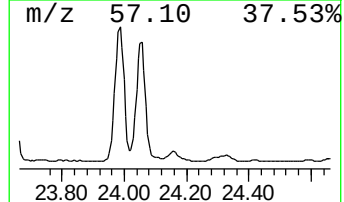
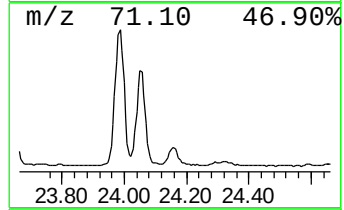
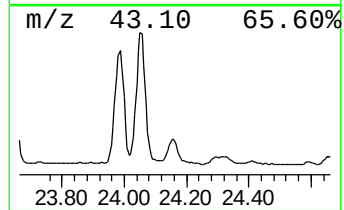
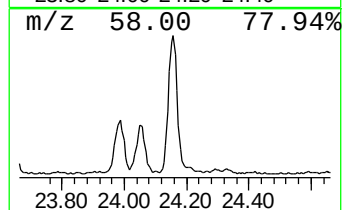
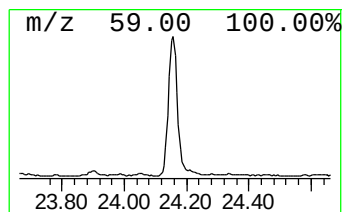
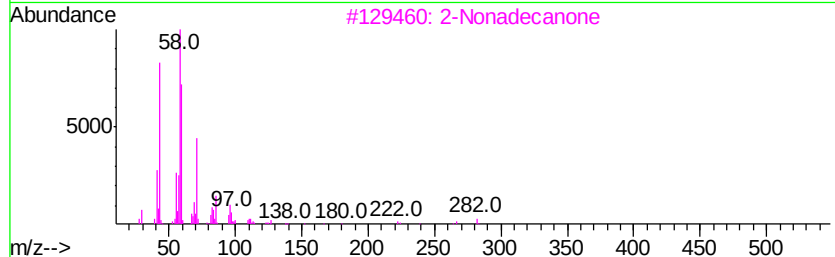
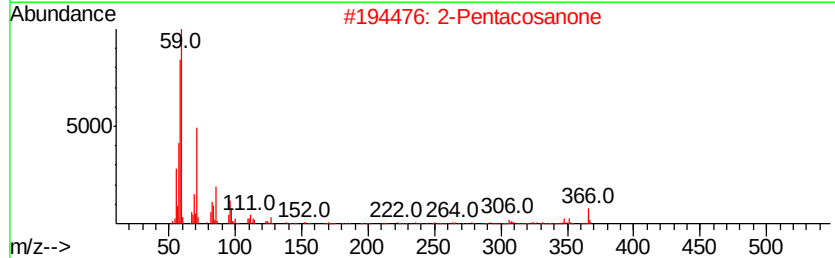
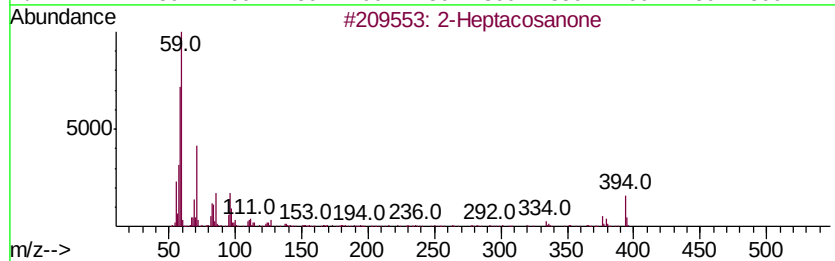
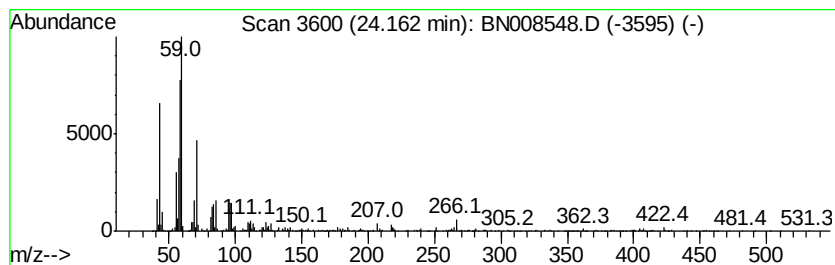
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 2-Heptacosanone Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	12.93 ng/ul	4206510	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Heptacosanone	394	C27H54O	007796-19-2	94
2		2-Pentacosanone	366	C25H50O	075207-54-4	87
3		2-Nonadecanone	282	C19H38O	000629-66-3	64
4		2-Heptadecanone	254	C17H34O	002922-51-2	59
5		2-Tetradecanone	212	C14H28O	002345-27-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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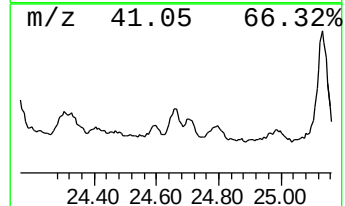
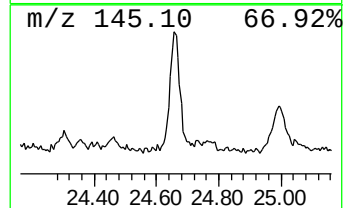
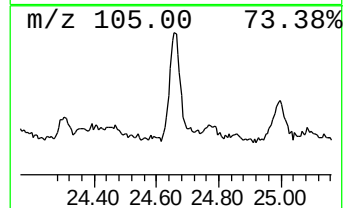
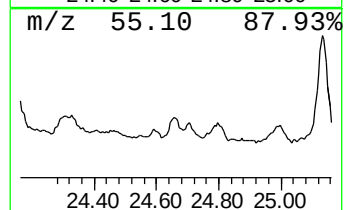
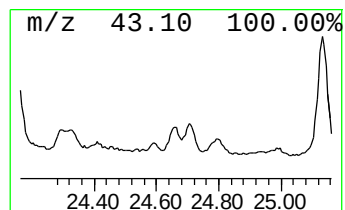
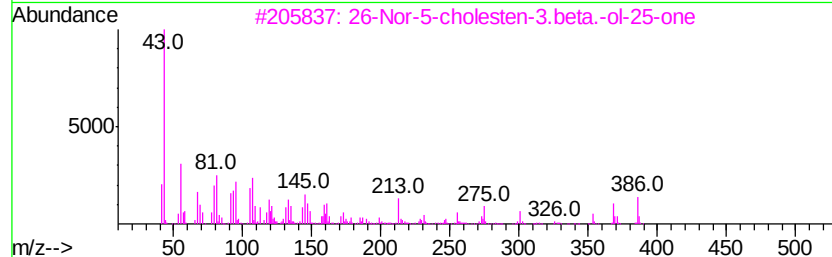
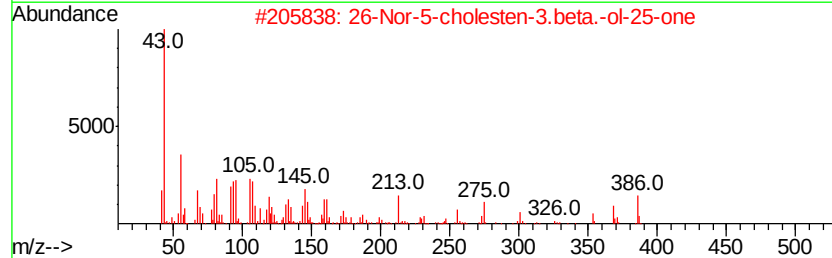
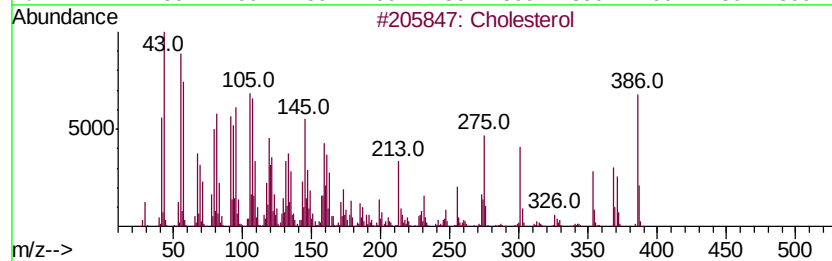
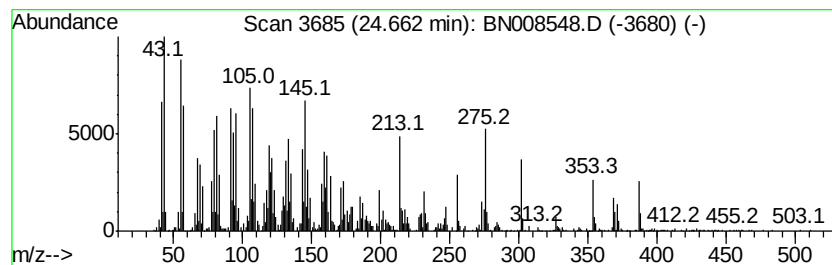
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Cholesterol Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	8.28 ng/ul	2692910	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cholesterol	386	C27H46O	000057-88-5	99
2		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3		26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	98
4		17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	97
5		Cholesterol	386	C27H46O	000057-88-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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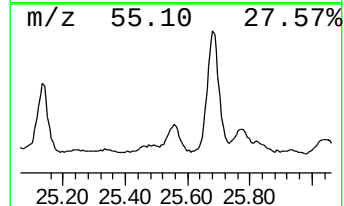
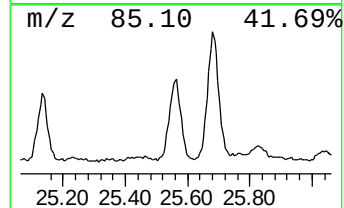
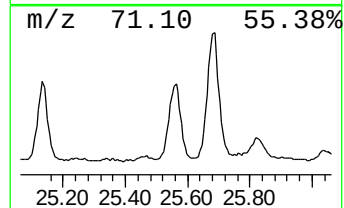
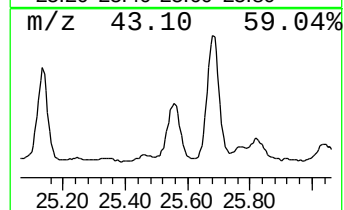
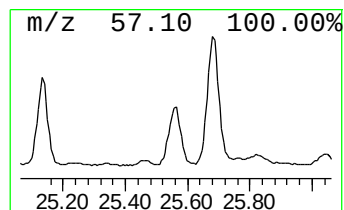
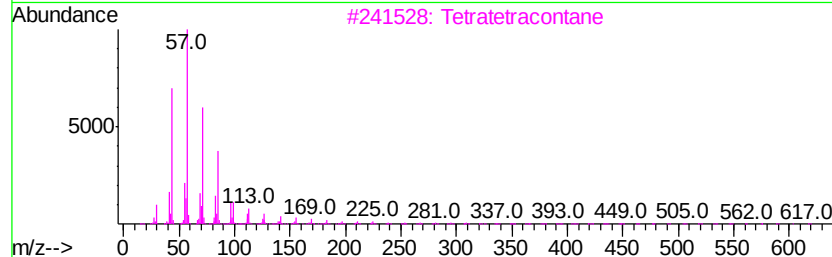
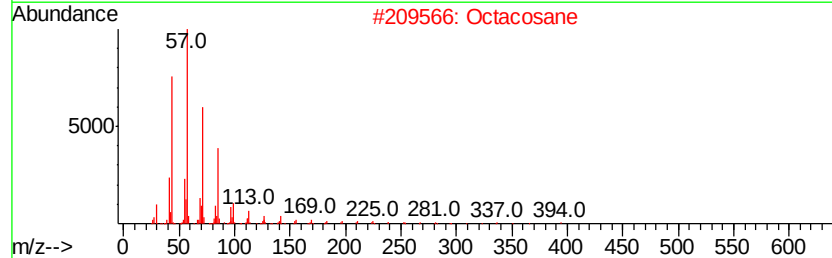
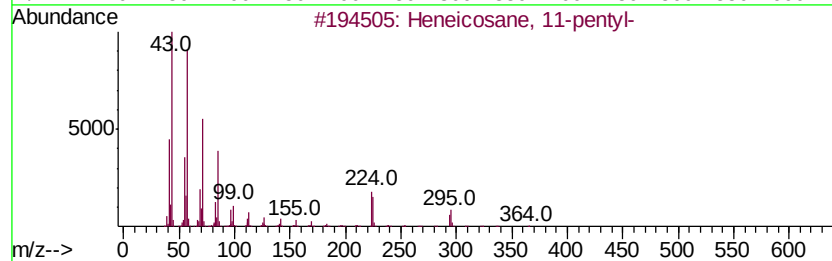
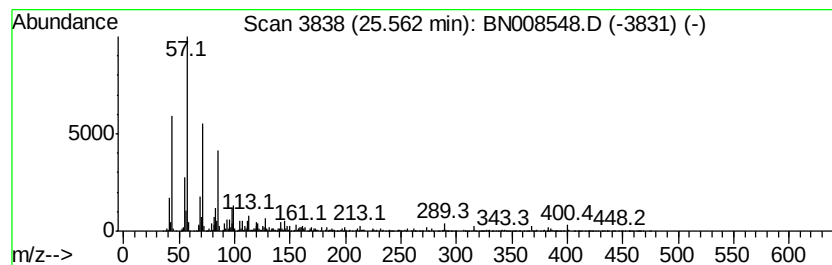
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	21.53 ng/ul	7001180	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
2		Octacosane	394	C28H58	000630-02-4	87
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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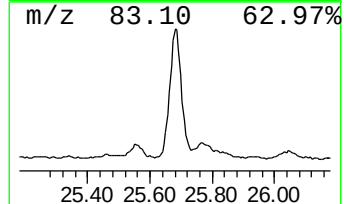
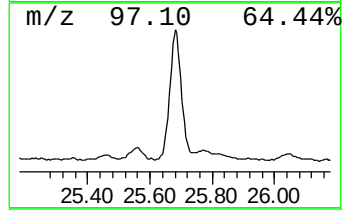
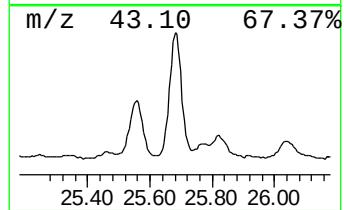
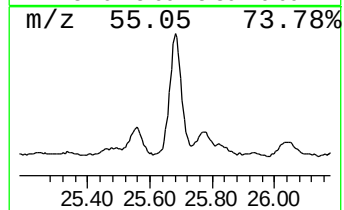
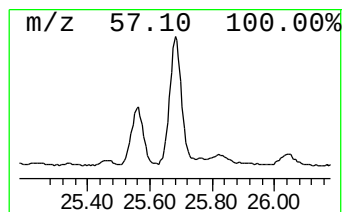
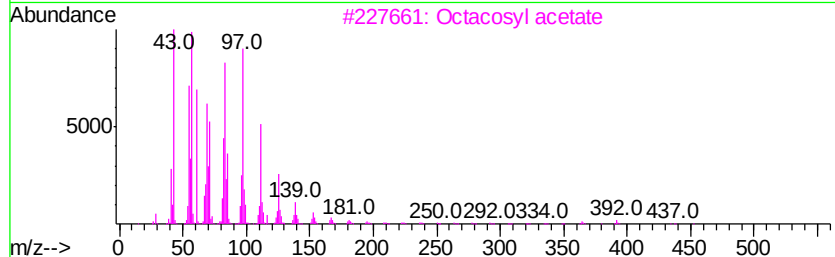
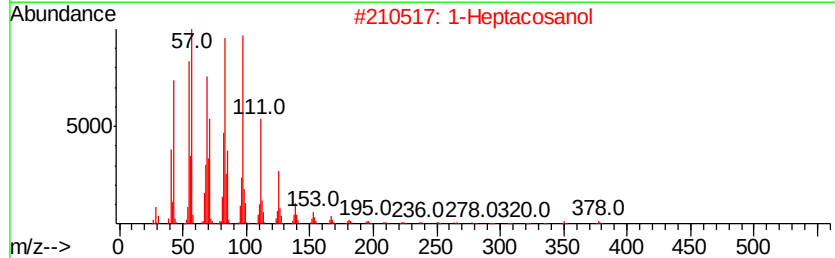
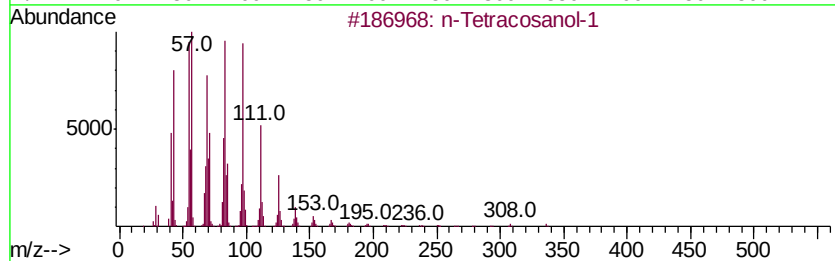
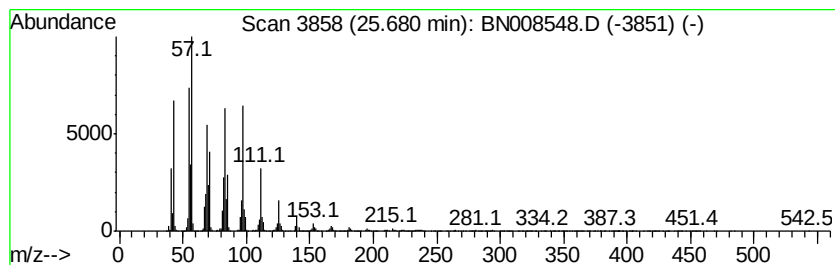
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 n-Tetracosanol-1 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	42.77 ng/ul	13912100	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2		1-Heptacosanol	396	C27H56O	002004-39-9	95
3		Octacosyl acetate	452	C30H60O2	018206-97-8	95
4		triacontyl acetate	480	C32H64O2	041755-58-2	95
5		1-Hexacosene	364	C26H52	018835-33-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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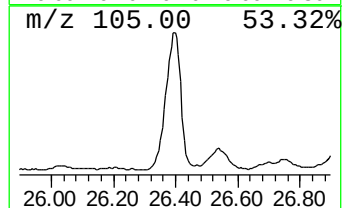
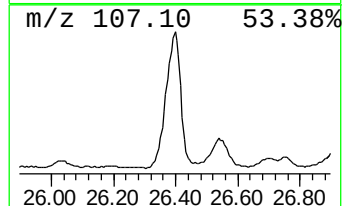
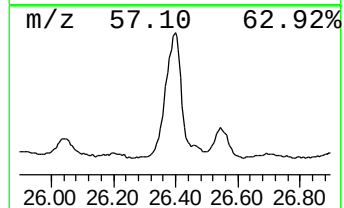
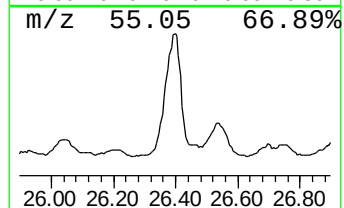
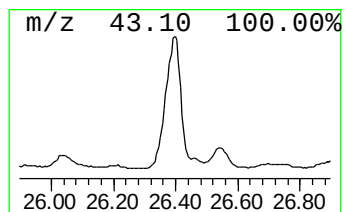
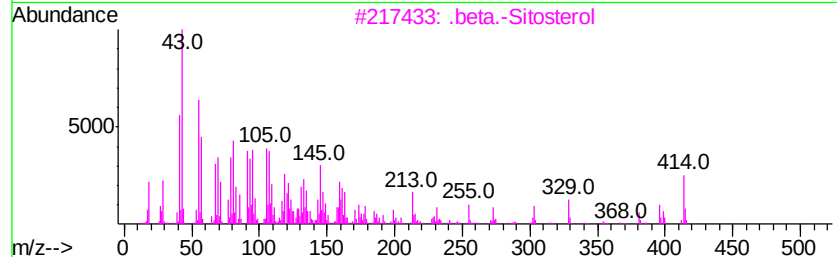
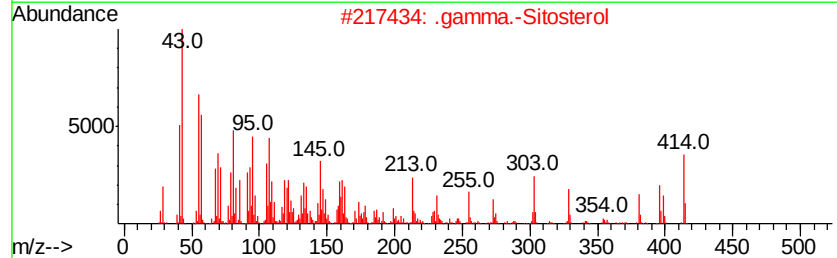
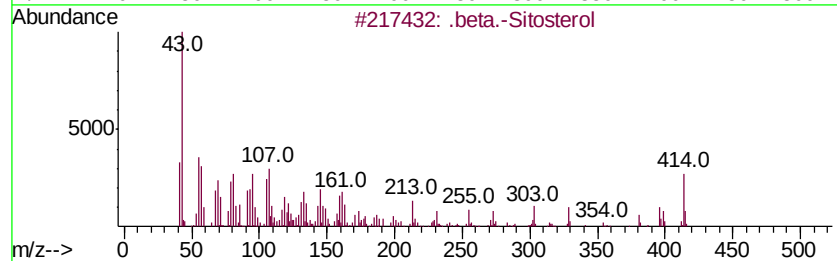
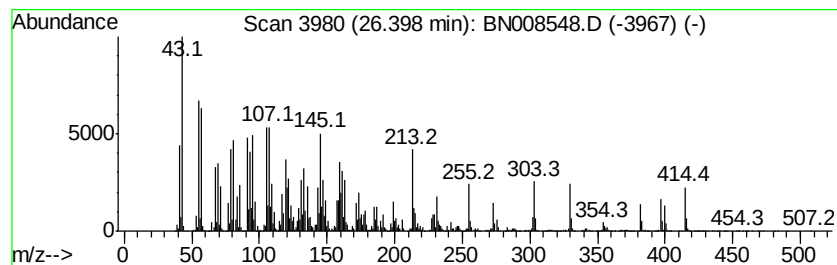
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 .beta.-Sitosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	146.50 ng/ul	47648100	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol	414	C29H50O	000083-46-5	99
2		.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4		.gamma.-Sitosterol	414	C29H50O	000083-47-6	78
5		Ergost-7-en-3-ol, (3.beta.)-	400	C28H48O	026047-31-4	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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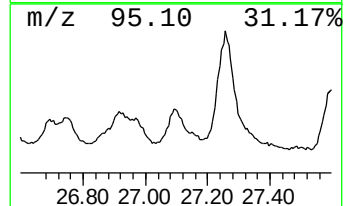
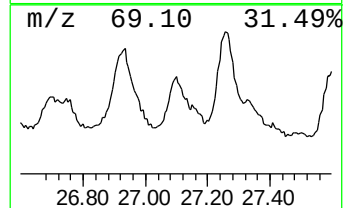
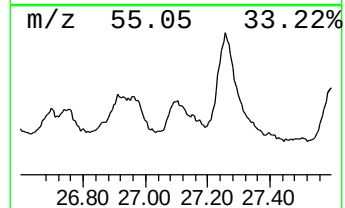
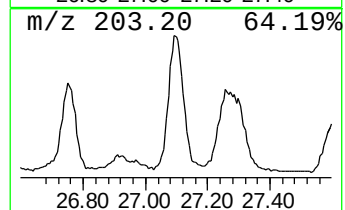
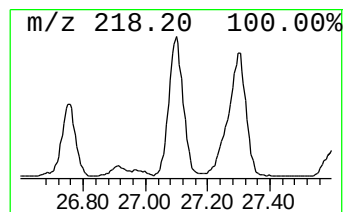
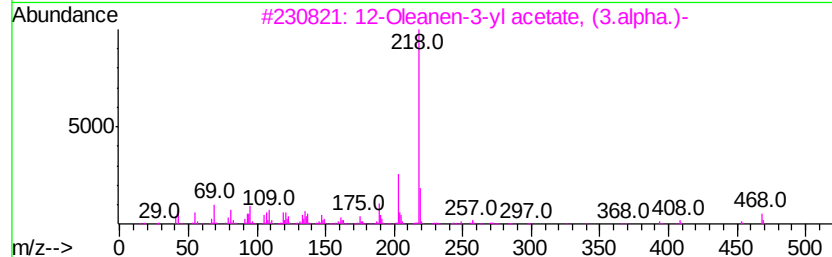
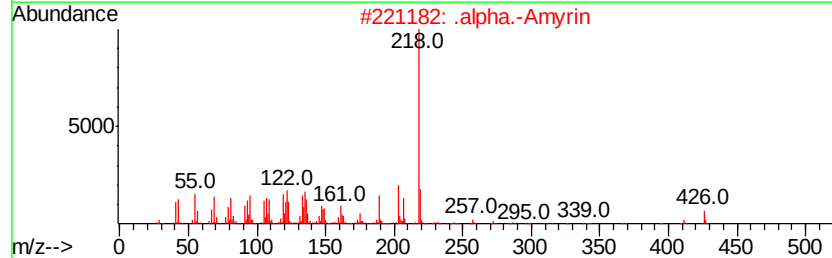
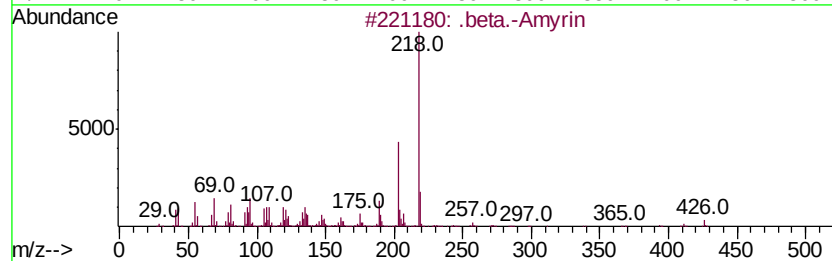
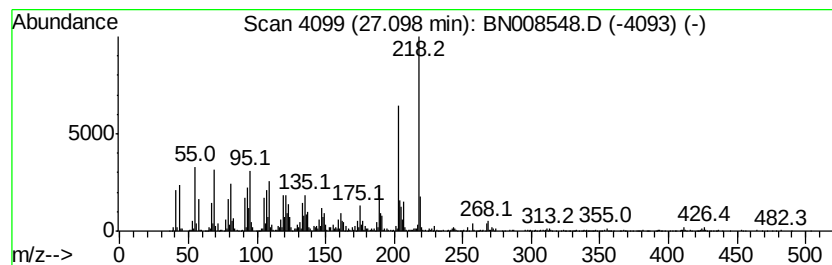
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 .beta.-Amyrin Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.10	17.16 ng/ul	5582450	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Amyrin	426	C30H500	000559-70-6	91
2		.alpha.-Amyrin	426	C30H500	000638-95-9	78
3		12-Oleanen-3-yl acetate, (3.alpha...	468	C32H52O2	033055-28-6	70
4		.alpha.-Amyrin	426	C30H500	000638-95-9	64
5		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
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Instrument :
BNA_N
ClientSampled :
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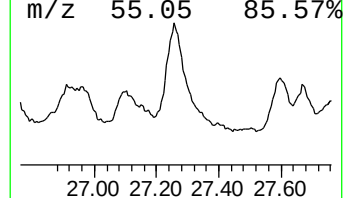
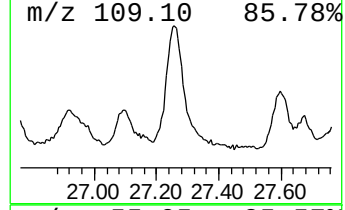
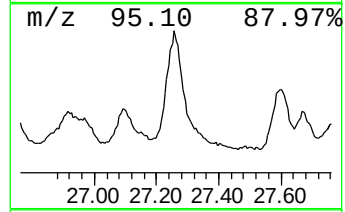
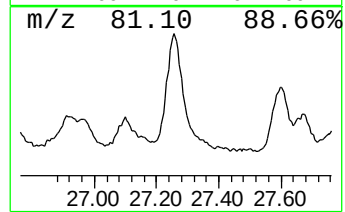
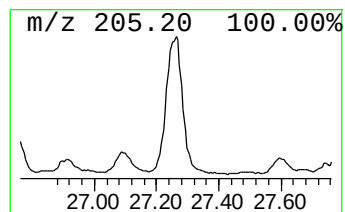
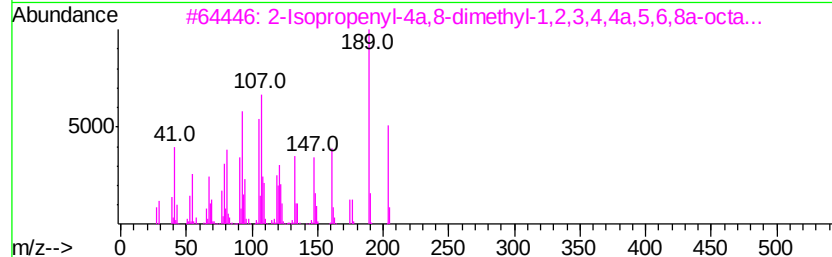
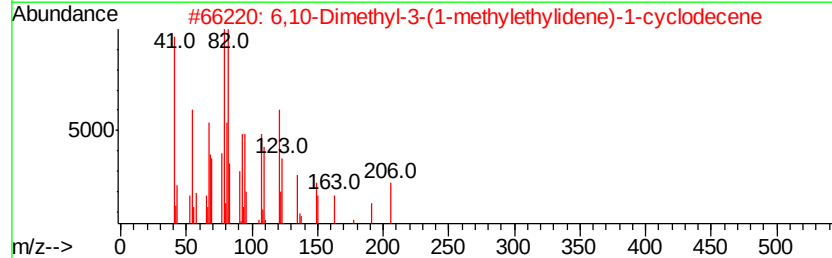
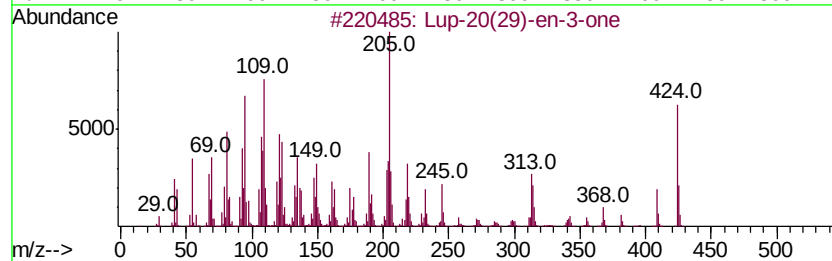
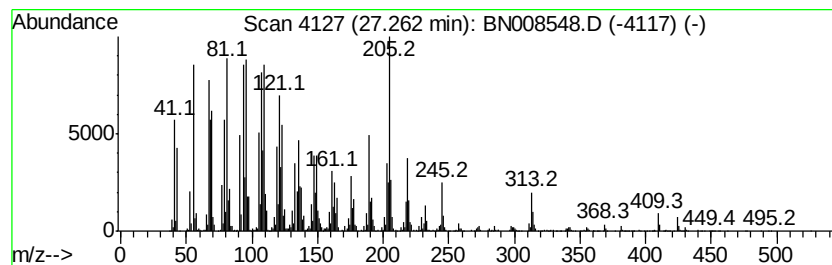
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 Lup-20(29)-en-3-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.26	73.75 ng/ul	23988400	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Lup-20(29)-en-3-one	424	C30H48O	001617-70-5	90
2		6,10-Dimethyl-3-(1-methylethylidene)-1-cyclodecene	206	C15H26	069239-71-0	60
3		2-Isopropenyl-4a,8-dimethyl-1,2,3,4,4a,5,6,8a-octalindene	204	C15H24	1000193-57-0	55
4		1-Oxaspiro[2.5]octane, 5,5-dimethyl-	206	C14H22O	1000195-92-1	52
5		9,19-Cyclolanost-23-ene-3,25-diol	442	C30H50O2	054482-57-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Operator : JU
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Misc :
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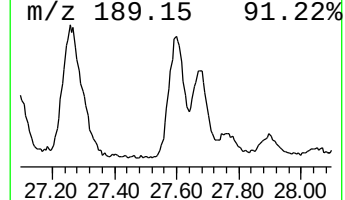
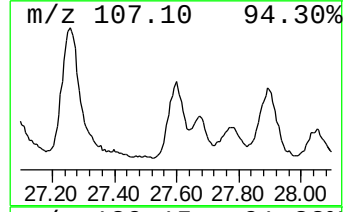
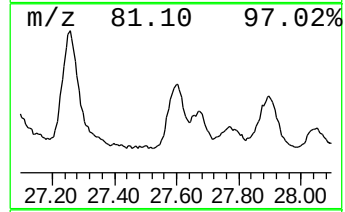
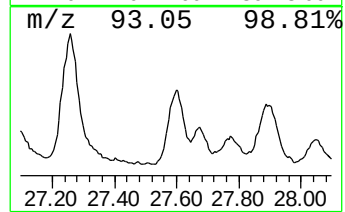
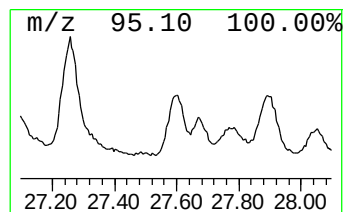
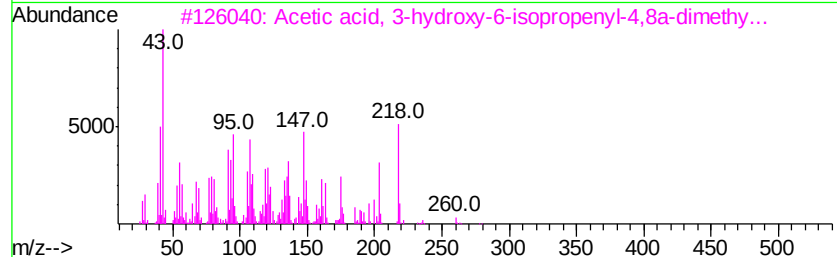
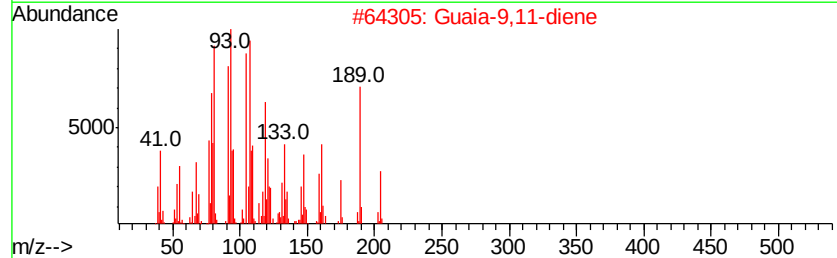
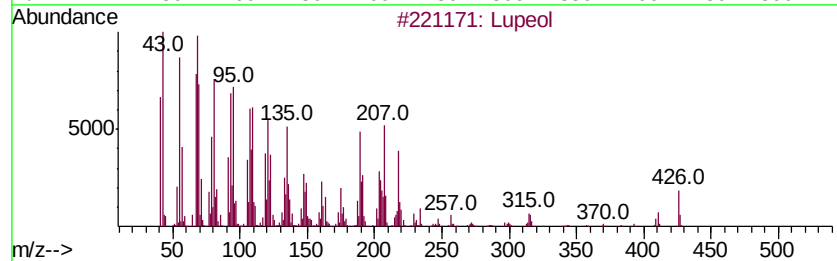
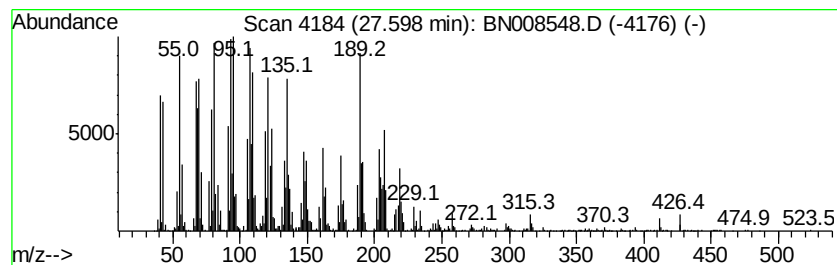
Instrument :
BNA_N
ClientSampleId :
JLM65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 Lupeol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	27.11 ng/ul	8817480	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Lupeol	426 C30H50O	000545-47-1 58
2		Guaia-9,11-diene	204 C15H24	1000374-19-8 55
3		Acetic acid, 3-hydroxy-6-isopropenyl-4,8a-dimethyl-5,8,8a,9,10,10a,11,11a-octahydro-2H-benzo[5,6-b]pyran-2-yl 4-methylpentanoate	278 C17H26O3	1000185-44-8 51
4		Cyclohexane, 1-ethenyl-1-methyl-4-ethyl-	204 C15H24	003242-08-8 46
5		1,5-Cyclodecadiene, 1,5-dimethyl-	204 C15H24	075023-40-4 45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008548.D
Acq On : 14 Nov 2019 07:10
Operator : JU
Sample : K5678-04
Misc :
ALS Vial : 25 Sample Multiplier: 1

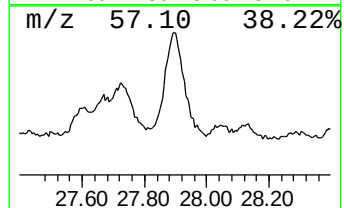
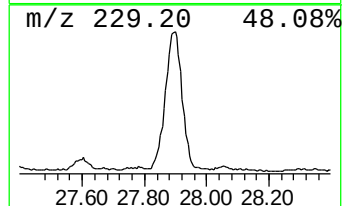
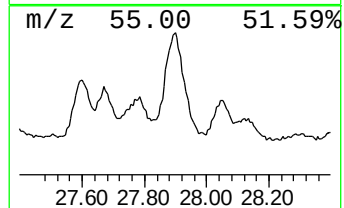
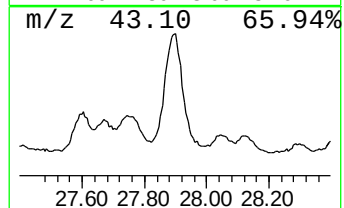
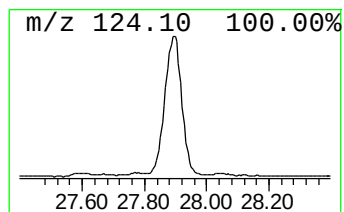
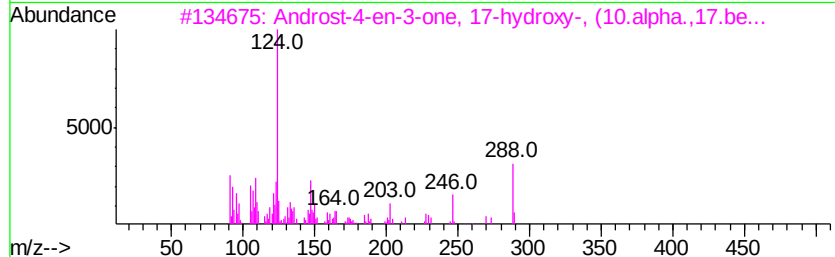
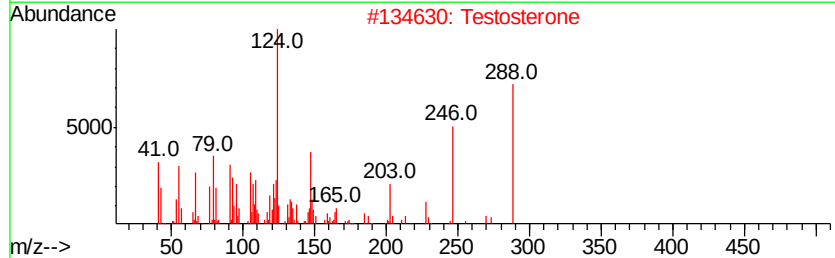
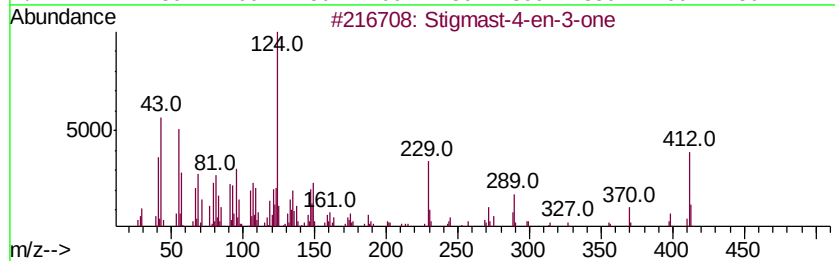
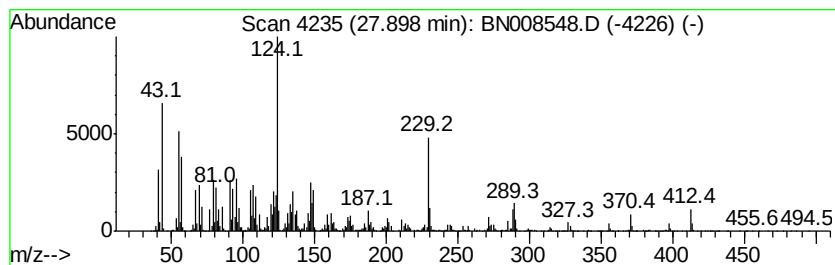
Instrument :
BNA_N
ClientSampleId :
JLM65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Stigmast-4-en-3-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.90	51.87 ng/ul	16872000	Perylene-d12	23.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Stigmast-4-en-3-one	412 C29H48O	001058-61-3 94
2		Testosterone	288 C19H28O2	000058-22-0 60
3		Androst-4-en-3-one, 17-hydroxy-, ...	288 C19H28O2	000604-39-7 56
4		Testosterone	288 C19H28O2	000058-22-0 45
5		3-(4-Fluoroanilino)-1-(3-nitroph...	288 C15H13FN2O3	350039-84-8 30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111319\
 Data File : BN008548.D
 Acq On : 14 Nov 2019 07:10
 Operator : JU
 Sample : K5678-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM65

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzeneacetic acid	10.94	2.3	ng/ul	363240	2	10.40	3200590	20.0
2-Naphthalenemeth...	15.90	5.3	ng/ul	1214020	4	17.00	4618840	20.0
Tetradecanoic acid	16.45	3.6	ng/ul	830638	4	17.00	4618840	20.0
unknown-01	17.22	3.2	ng/ul	747390	4	17.00	4618840	20.0
Palmitoleic acid	17.87	8.9	ng/ul	2045280	4	17.00	4618840	20.0
n-Hexadecanoic acid	17.94	16.0	ng/ul	3698780	4	17.00	4618840	20.0
Cyclohexene, 4-(4...	18.60	2.1	ng/ul	476658	4	17.00	4618840	20.0
Bromoacetic acid,...	18.80	2.1	ng/ul	480989	4	17.00	4618840	20.0
(DEL) Alkane: Str...	18.88	3.0	ng/ul	699954	4	17.00	4618840	20.0
Octadecanoic acid	19.22	7.8	ng/ul	1681540	5	21.20	4339950	20.0
1-Heneicosanol	19.96	15.6	ng/ul	3374870	5	21.20	4339950	20.0
(DEL) Alkane: Str...	20.00	14.5	ng/ul	3152910	5	21.20	4339950	20.0
(DEL) Alkane: Cyc...	20.47	3.3	ng/ul	718167	5	21.20	4339950	20.0
(DEL) Alkane: Str...	20.50	5.0	ng/ul	1077450	5	21.20	4339950	20.0
Oxirane, heptadecyl-	20.66	3.9	ng/ul	836426	5	21.20	4339950	20.0
Heptafluorobutyri...	20.95	65.1	ng/ul	14119200	5	21.20	4339950	20.0
(DEL) Alkane: Str...	21.40	15.0	ng/ul	3261760	5	21.20	4339950	20.0
(DEL) Alkane: Str...	21.84	171.1	ng/ul	37135400	5	21.20	4339950	20.0
(DEL) Alkane: Str...	22.29	12.6	ng/ul	4084440	6	23.39	6505050	20.0
1,19-Eicosadiene	22.51	39.6	ng/ul	12890600	6	23.39	6505050	20.0
(DEL) Alkane: Str...	22.80	77.7	ng/ul	25274800	6	23.39	6505050	20.0
13-Docosen-1-ol, ...	23.64	47.8	ng/ul	15539900	6	23.39	6505050	20.0
(DEL) Alkane: Str...	23.99	44.1	ng/ul	14359700	6	23.39	6505050	20.0
2-Heptacosanone	24.16	12.9	ng/ul	4206510	6	23.39	6505050	20.0
Cholesterol	24.66	8.3	ng/ul	2692910	6	23.39	6505050	20.0
(DEL) Alkane: Str...	25.56	21.5	ng/ul	7001180	6	23.39	6505050	20.0
n-Tetracosanol-1	25.68	42.8	ng/ul	13912100	6	23.39	6505050	20.0
.beta.-Sitosterol	26.40	146.5	ng/ul	47648100	6	23.39	6505050	20.0
.beta.-Amyrin	27.10	17.2	ng/ul	5582450	6	23.39	6505050	20.0
Lup-20(29)-en-3-one	27.26	73.8	ng/ul	23988400	6	23.39	6505050	20.0
Lupeol	27.60	27.1	ng/ul	8817480	6	23.39	6505050	20.0
Stigmast-4-en-3-one	27.90	51.9	ng/ul	16872000	6	23.39	6505050	20.0