

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006490.D
 Acq On : 22 Jun 2019 15:48
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

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-BN061919MA.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	3.134	21	25	37	rVB	104388	155560	1.79%	0.111%
2	3.646	108	112	119	rVV	38669	53197	0.61%	0.038%
3	3.764	127	132	141	rVV	47955	76089	0.88%	0.054%
4	3.858	145	148	157	rVB	19283	29604	0.34%	0.021%
5	4.287	216	221	230	rVB	401905	534862	6.15%	0.383%
6	4.752	294	300	309	rBV3	46493	87342	1.00%	0.062%
7	4.875	314	321	328	rVB3	44086	71167	0.82%	0.051%
8	4.999	338	342	351	rBV3	17199	31626	0.36%	0.023%
9	6.763	635	642	644	rBV	306916	471183	5.42%	0.337%
10	6.805	644	649	665	rVB	1871105	3085887	35.49%	2.208%
11	6.963	670	676	688	rVV	1557197	2362336	27.17%	1.690%
12	7.158	702	709	721	rBV	1898094	2975206	34.22%	2.129%
13	7.622	778	788	797	rBV	1320058	2151656	24.75%	1.539%
14	7.693	797	800	808	rVV4	15953	30917	0.36%	0.022%
15	7.875	827	831	839	rVV5	16424	30597	0.35%	0.022%
16	8.334	902	909	925	rBV	1888725	3095813	35.61%	2.215%
17	8.446	925	928	938	rVB2	18562	35646	0.41%	0.026%
18	8.781	977	985	997	rBV	1768519	2969245	34.15%	2.124%
19	8.887	997	1003	1008	rVV	24797	57100	0.66%	0.041%
20	9.187	1043	1054	1060	rBV	148964	239860	2.76%	0.172%
21	9.499	1099	1107	1123	rBV	1490697	2521355	29.00%	1.804%
22	10.034	1191	1198	1219	rBV	2238928	3840149	44.17%	2.748%
23	10.404	1253	1261	1268	rBV	1943921	3200689	36.81%	2.290%
24	10.546	1279	1285	1303	rVV	998243	1795571	20.65%	1.285%
25	11.351	1416	1422	1429	rBV3	16110	43820	0.50%	0.031%
26	11.681	1471	1478	1484	rVB2	99137	145384	1.67%	0.104%
27	11.940	1512	1522	1528	rBV	114689	200632	2.31%	0.144%
28	12.004	1528	1533	1541	rVB2	40398	69887	0.80%	0.050%
29	12.134	1548	1555	1568	rBV	218491	421061	4.84%	0.301%
30	13.422	1768	1774	1792	rBV	267125	619441	7.12%	0.443%
31	13.693	1813	1820	1824	rBV	3936796	5530211	63.61%	3.957%
32	13.740	1824	1828	1843	rVB	1132608	1509594	17.36%	1.080%
33	13.969	1857	1867	1883	rBV	4417898	6642574	76.40%	4.753%
34	14.281	1913	1920	1935	rVB2	2848744	4166233	47.92%	2.981%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Title : SVOA CALIBRATION

35	14.504	1952	1958	1980	rBV	1385903	2479567	28.52%	1.774%
36	14.657	1980	1984	1991	rVV2	51885	105962	1.22%	0.076%
37	14.716	1991	1994	2006	rVV6	32601	63047	0.73%	0.045%
38	14.816	2006	2011	2019	rVV	76415	129099	1.48%	0.092%
39	15.087	2052	2057	2063	rBV	91371	126368	1.45%	0.090%
40	15.175	2069	2072	2081	rVB2	27925	41535	0.48%	0.030%
41	15.281	2083	2090	2097	rBV	5595204	7971594	91.69%	5.704%
42	15.422	2108	2114	2126	rBV	1568183	2187994	25.17%	1.565%
43	15.516	2126	2130	2139	rVB	73851	120844	1.39%	0.086%
44	15.634	2145	2150	2158	rVB6	24219	46025	0.53%	0.033%
45	15.763	2166	2172	2178	rBV5	15496	32384	0.37%	0.023%
46	15.851	2180	2187	2190	rBV6	20140	46227	0.53%	0.033%
47	16.187	2239	2244	2250	rBV5	53724	97427	1.12%	0.070%
48	16.516	2295	2300	2308	rVB2	90240	127562	1.47%	0.091%
49	16.757	2336	2341	2346	rBV	595312	782489	9.00%	0.560%
50	16.945	2366	2373	2380	rVB9	17687	40519	0.47%	0.029%
51	17.034	2381	2388	2394	rBV2	3323736	4858208	55.88%	3.476%
52	17.075	2394	2395	2399	rVV	66203	86036	0.99%	0.062%
53	17.139	2399	2406	2416	rVB2	5326339	8026692	92.32%	5.743%
54	17.586	2477	2482	2486	rBV	43431	54034	0.62%	0.039%
55	17.645	2486	2492	2507	rBV	4269718	6394840	73.55%	4.575%
56	17.828	2517	2523	2524	rBV6	23906	41157	0.47%	0.029%
57	17.886	2526	2533	2538	rVV	654681	1189220	13.68%	0.851%
58	17.939	2538	2542	2550	rVV	1045467	1642545	18.89%	1.175%
59	18.010	2550	2554	2559	rVB	217371	299844	3.45%	0.215%
60	18.233	2588	2592	2595	rBV	49895	66900	0.77%	0.048%
61	18.310	2602	2605	2612	rVB5	39389	72198	0.83%	0.052%
62	18.539	2641	2644	2646	rBV	41384	41897	0.48%	0.030%
63	18.875	2695	2701	2712	rBV2	295931	438209	5.04%	0.314%
64	19.080	2731	2736	2738	rBV	125325	185773	2.14%	0.133%
65	19.110	2738	2741	2754	rVV	195353	354456	4.08%	0.254%
66	19.233	2758	2762	2773	rBV	359394	628481	7.23%	0.450%
67	19.333	2775	2779	2785	rVB2	70254	142342	1.64%	0.102%
68	19.445	2792	2798	2805	rBV	6027075	8694375	100.00%	6.221%
69	19.969	2883	2887	2890	rBV	325556	487766	5.61%	0.349%
70	19.998	2890	2892	2896	rVV	571058	613681	7.06%	0.439%
71	20.045	2896	2900	2909	rVB2	204068	350184	4.03%	0.251%

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72	20.333	2945	2949	2952	rBV5	107834	182986	2.10%	0.131%
73	20.433	2964	2966	2971	rBV	35128	60110	0.69%	0.043%
74	20.498	2971	2977	2981	rVB	495308	599407	6.89%	0.429%
75	20.563	2984	2988	2995	rVB	411472	539236	6.20%	0.386%
76	20.804	3026	3029	3034	rVB2	85876	122399	1.41%	0.088%
77	20.969	3052	3057	3066	rBV	2291679	3077059	35.39%	2.202%
78	21.174	3089	3092	3097	rBV	140134	158672	1.82%	0.114%
79	21.257	3098	3106	3111	rBV2	3362775	5004215	57.56%	3.580%
80	21.410	3127	3132	3137	rBV	757826	934317	10.75%	0.668%
81	21.474	3140	3143	3152	rVV	218855	414177	4.76%	0.296%
82	21.592	3160	3163	3166	rVB	240305	254515	2.93%	0.182%
83	21.686	3176	3179	3184	rBV	160481	198875	2.29%	0.142%
84	21.845	3202	3206	3219	rVB	2062677	3203280	36.84%	2.292%
85	22.045	3237	3240	3247	rVB3	144274	197437	2.27%	0.141%
86	22.304	3279	3284	3289	rBV	814114	1052007	12.10%	0.753%
87	22.533	3319	3323	3330	rVB2	1085203	1494912	17.19%	1.070%
88	22.810	3364	3370	3375	rBV	2345245	3548791	40.82%	2.539%
89	22.863	3375	3379	3388	rVV	478845	1015768	11.68%	0.727%
90	22.939	3389	3392	3397	rVB	147762	197898	2.28%	0.142%
91	23.074	3411	3415	3420	rVB2	110481	156135	1.80%	0.112%
92	23.357	3456	3463	3473	rVB	3832322	6975402	80.23%	4.991%
93	23.498	3480	3487	3500	rVB	1942686	3641842	41.89%	2.606%
94	23.674	3512	3517	3527	rVB	1203706	2098154	24.13%	1.501%
95	24.004	3566	3573	3581	rBV	1100310	2063107	23.73%	1.476%
96	24.098	3583	3589	3600	rBV	428948	1146551	13.19%	0.820%
97	24.733	3692	3697	3705	rVB	258419	558703	6.43%	0.400%
98	25.592	3837	3843	3850	rVB	233311	516211	5.94%	0.369%
99	25.692	3855	3860	3883	rVB3	283774	947553	10.90%	0.678%
100	26.492	3989	3996	4008	rBV6	315968	1086022	12.49%	0.777%

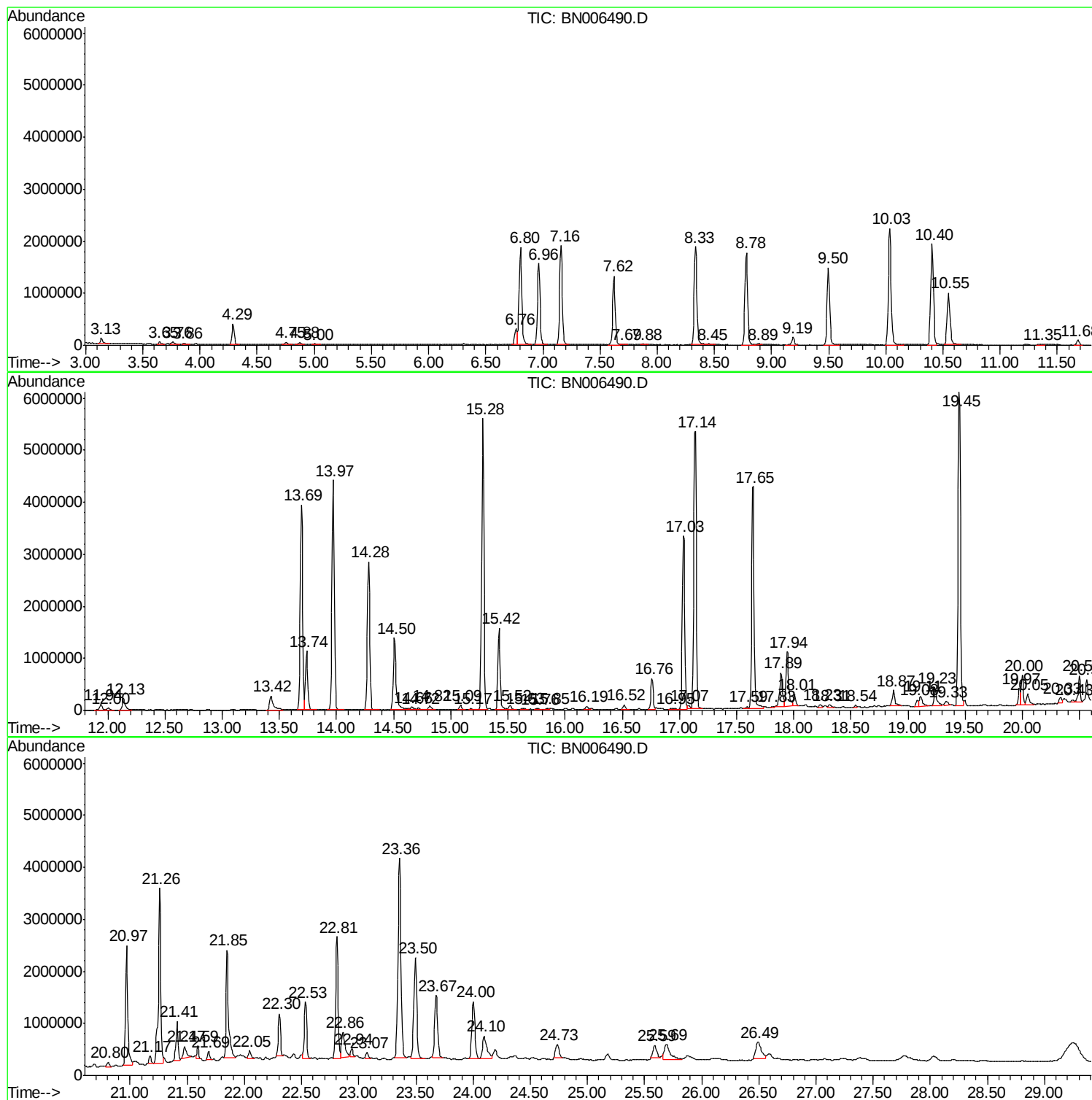
Sum of corrected areas: 139764716

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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



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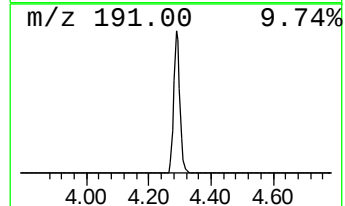
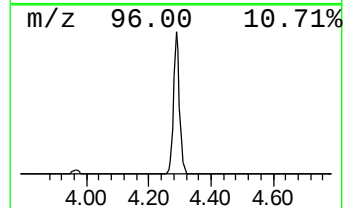
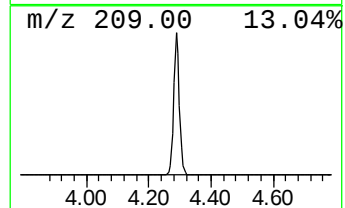
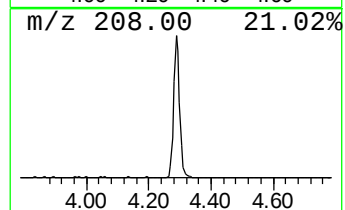
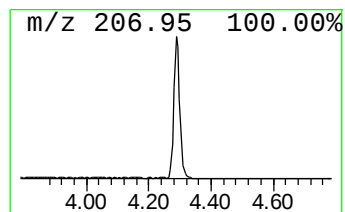
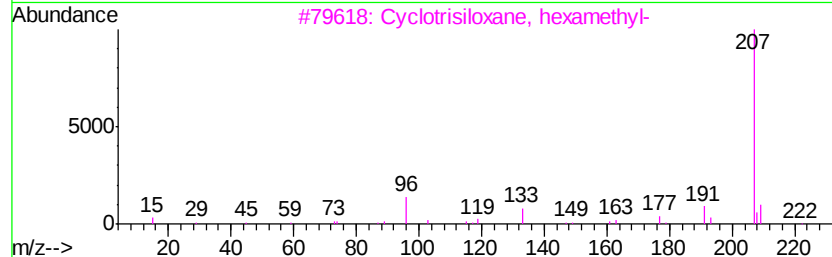
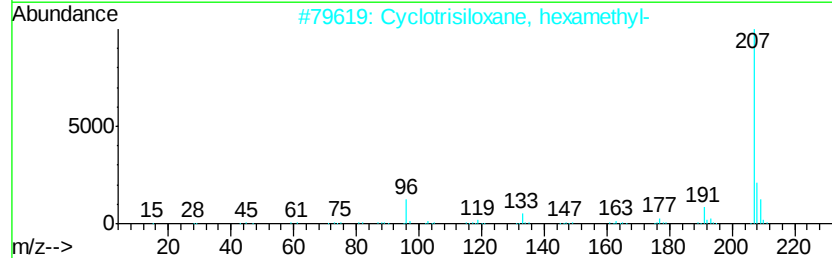
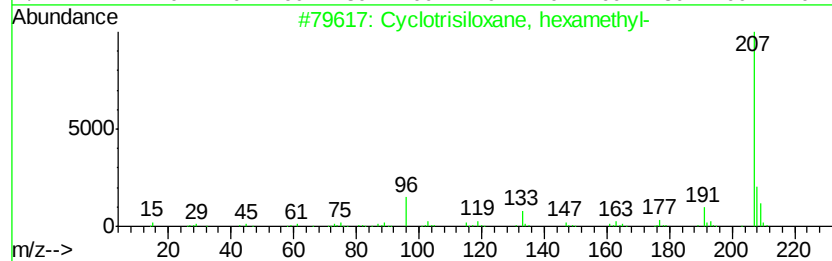
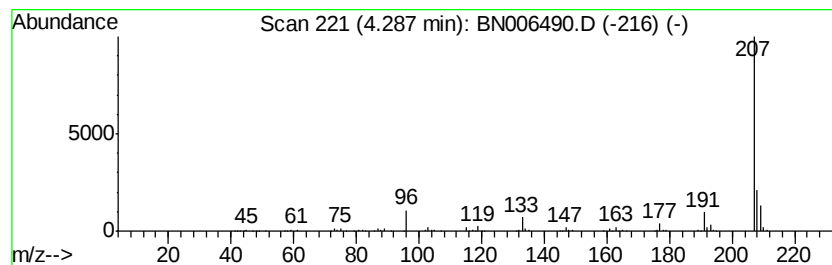
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	4.97 ng/ul	534862	1,4-Dichlorobenzene-d4	7.62

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	91
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	80
4			Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	78
5			Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39



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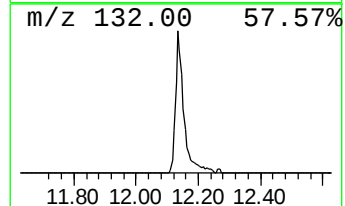
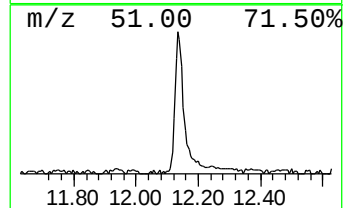
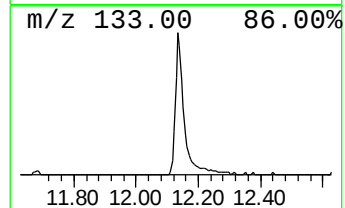
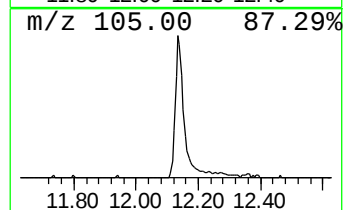
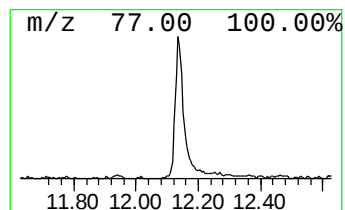
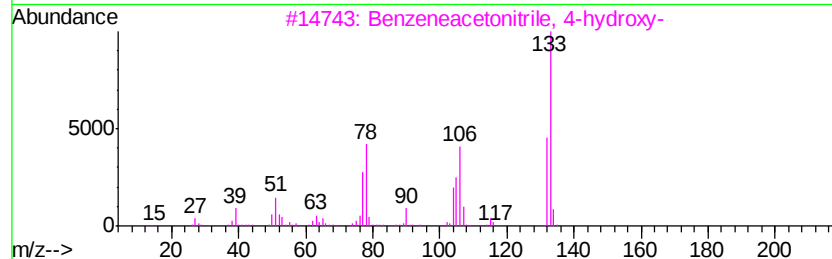
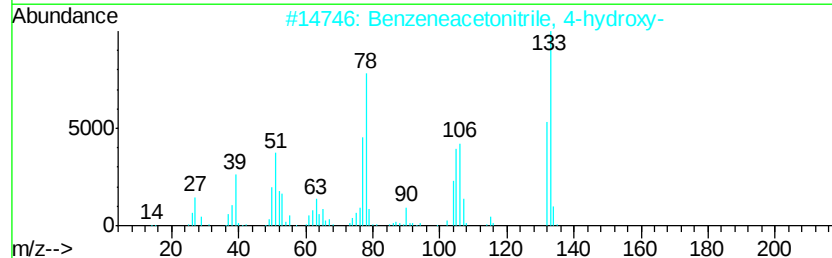
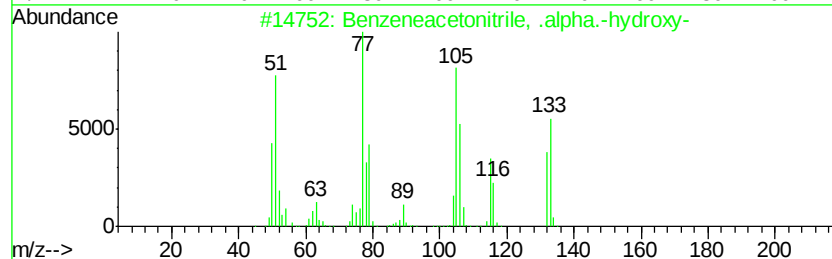
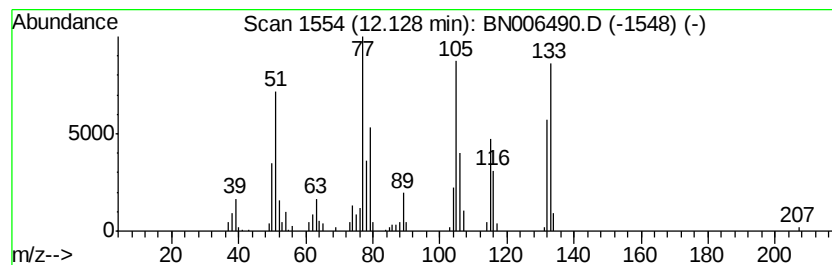
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzeneacetonitrile, .alpha... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.63 ng/ul	421061	Napthalene-d8	10.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetonitrile, .alpha.-hyd...	133	C8H7NO	000532-28-5	83
2		Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	58
3		Benzeneacetonitrile, 4-hydroxy-	133	C8H7NO	014191-95-8	43
4		Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	38
5		Benzene, 1-isocyanato-4-methyl-	133	C8H7NO	000622-58-2	35



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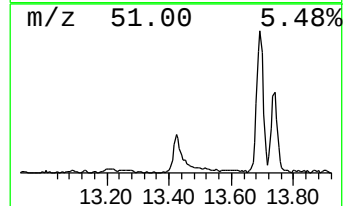
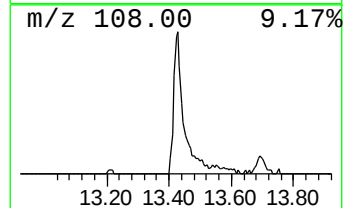
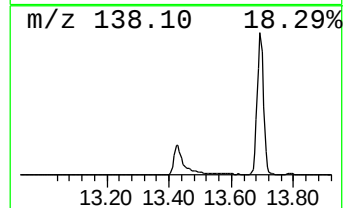
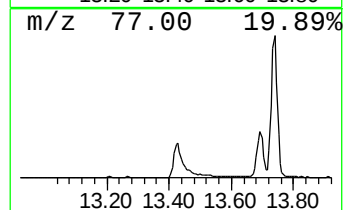
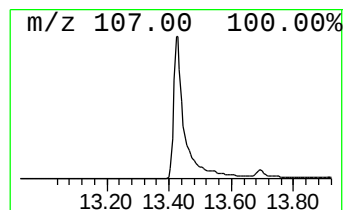
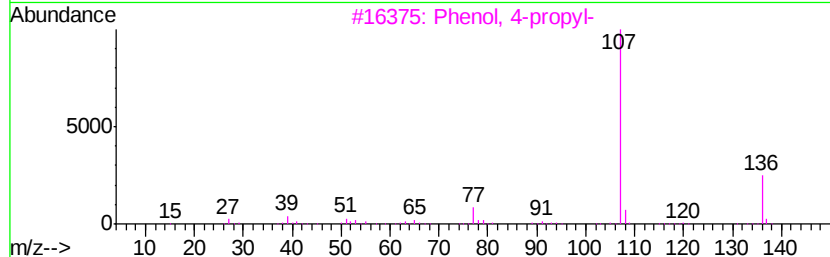
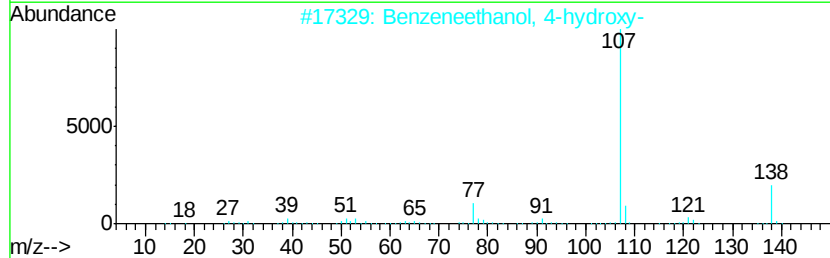
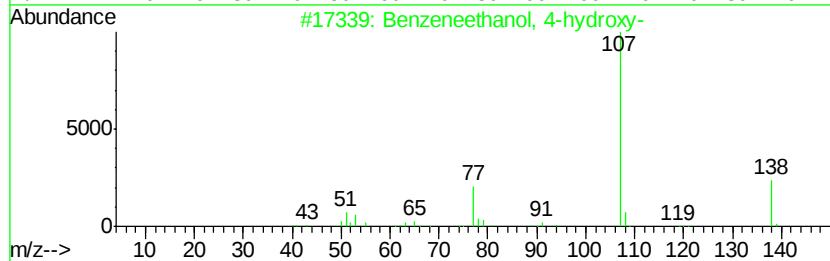
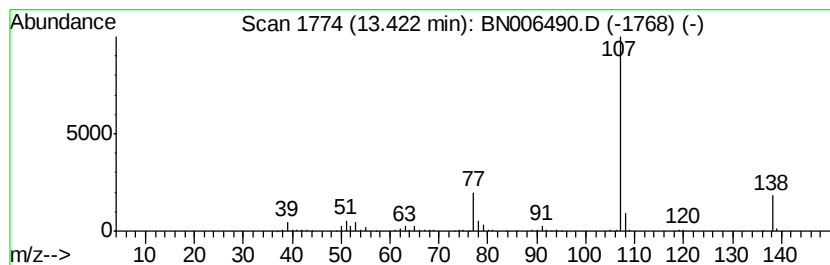
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzeneethanol, 4-hydroxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	2.97 ng/ul	619441	Acenaphthene-d10	14.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzeneethanol, 4-hydroxy-	138 C8H10O2	000501-94-0 94
2		Benzeneethanol, 4-hydroxy-	138 C8H10O2	000501-94-0 80
3		Phenol, 4-propyl-	136 C9H12O	000645-56-7 64
4		Phenol, 4-propyl-	136 C9H12O	000645-56-7 64
5		Phenol, 2-propyl-	136 C9H12O	000644-35-9 59



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Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
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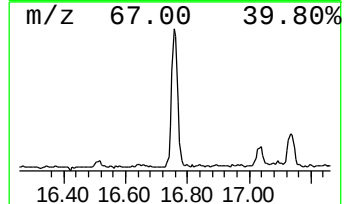
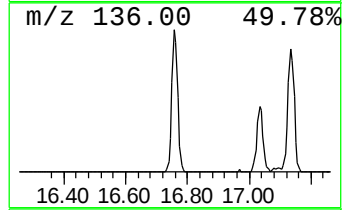
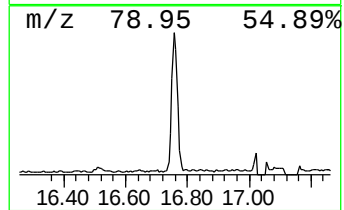
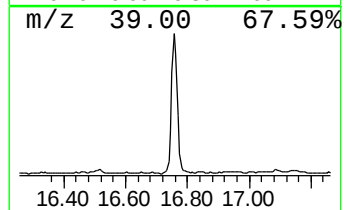
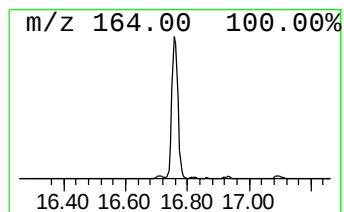
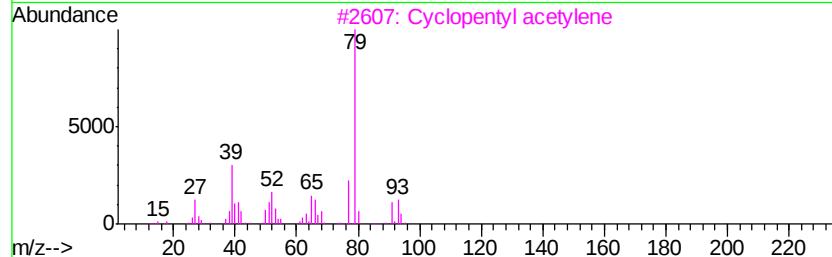
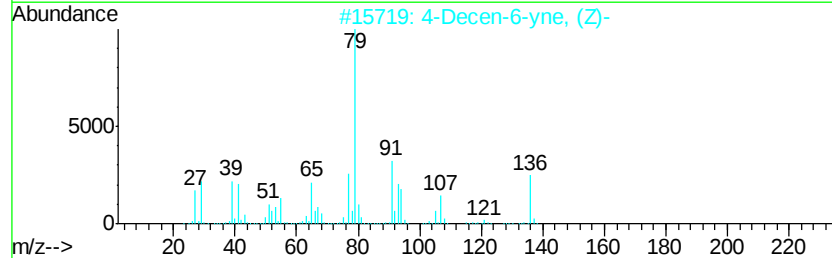
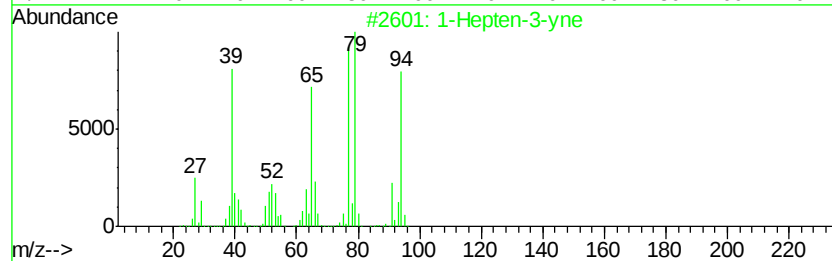
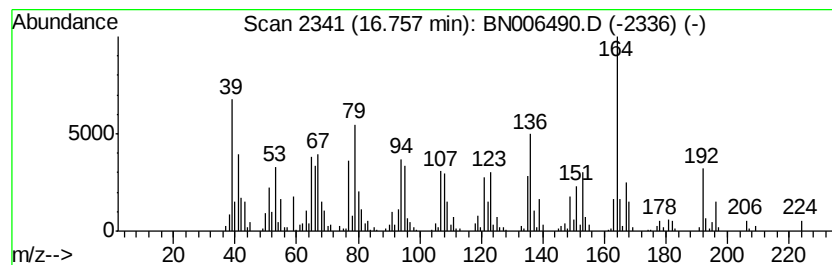
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	3.22 ng/ul	782489	Phenanthrene-d10	17.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1-Hepten-3-yne	94 C7H10	002384-73-8 38
2		4-Decen-6-yne, (Z)-	136 C10H16	013343-76-5 35
3		Cyclopentyl acetylene	94 C7H10	054140-30-6 32
4		Thymoquinone	164 C10H12O2	000490-91-5 25
5		Spiro[5.5]undec-8-en-1-one	164 C11H16O	007353-75-5 15



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
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Instrument :
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ClientSampleId :
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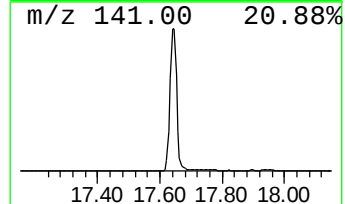
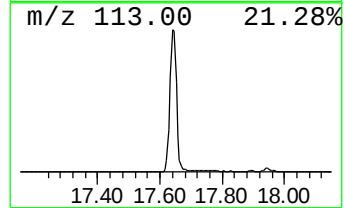
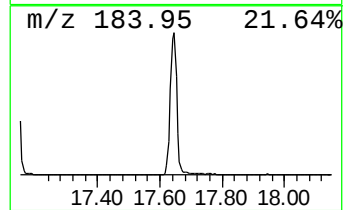
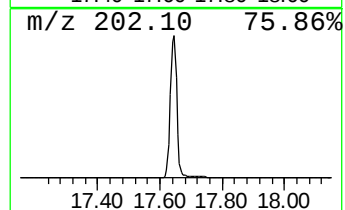
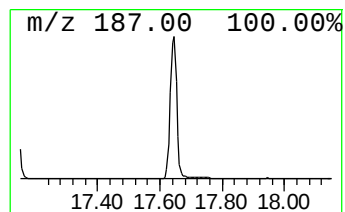
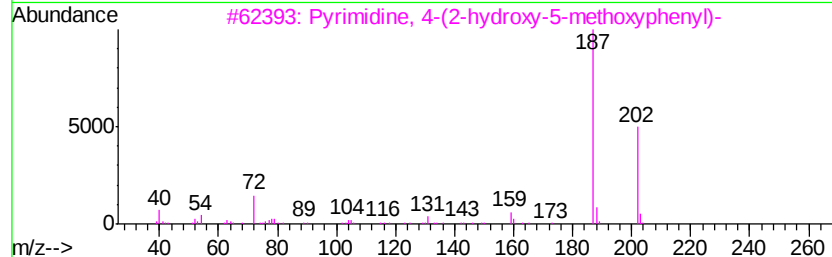
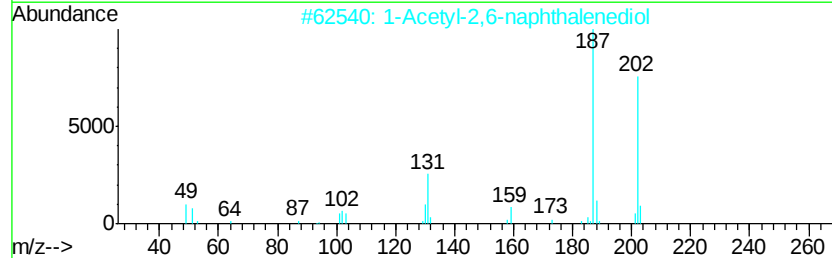
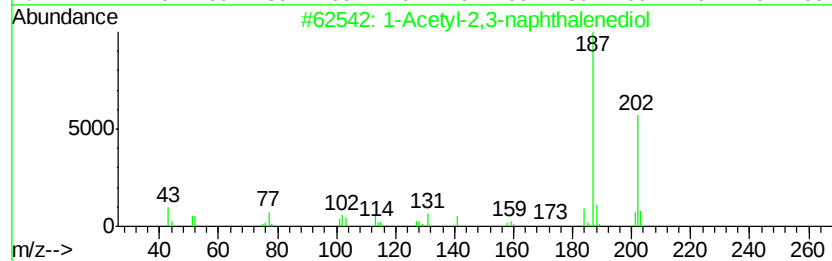
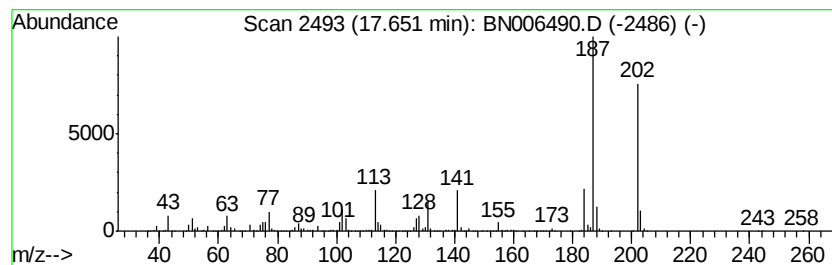
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Acetyl-2,3-naphthalenediol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	26.33 ng/ul	6394840	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Acetyl-2,3-naphthalenediol	202	C12H10O3	091368-52-4	74
2		1-Acetyl-2,6-naphthalenediol	202	C12H10O3	108804-50-8	62
3		Pyrimidine, 4-(2-hydroxy-5-metho...	202	C11H10N2O2	097630-77-8	53
4		1(2H)-Naphthalenone, 7-(1,1-dime...	202	C14H18O	022583-68-2	50
5		1-Indanone, 3,3,5,6,7-pentamethyl-	202	C14H18O	016204-69-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

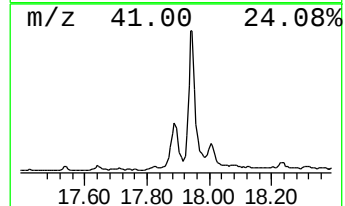
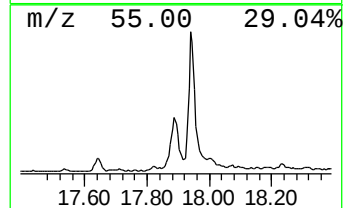
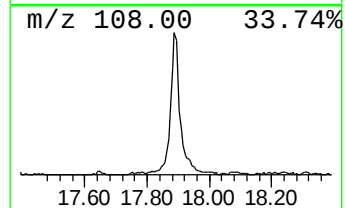
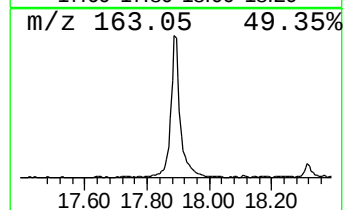
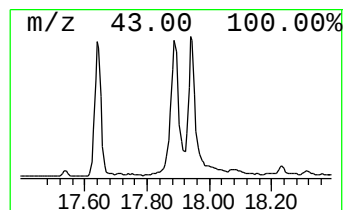
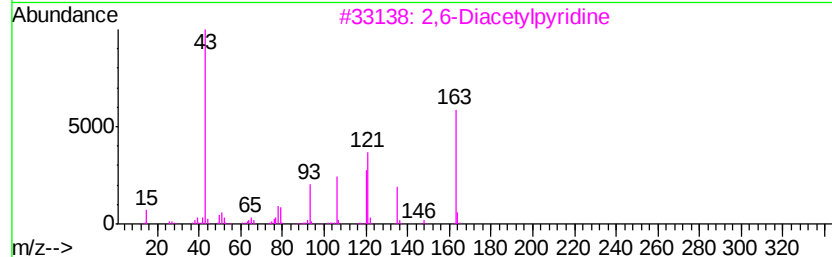
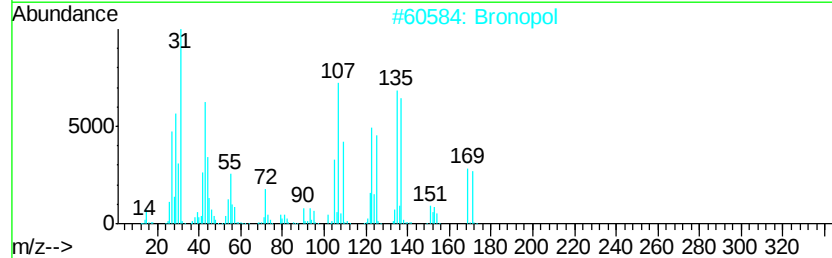
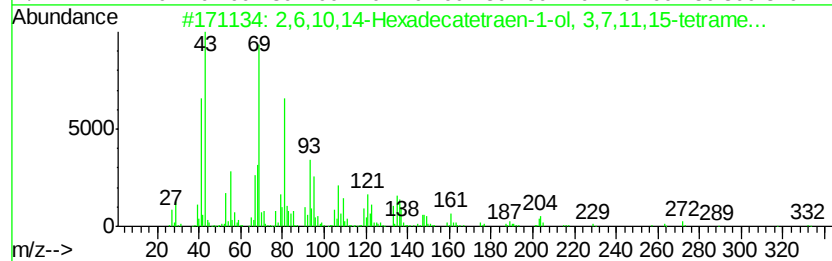
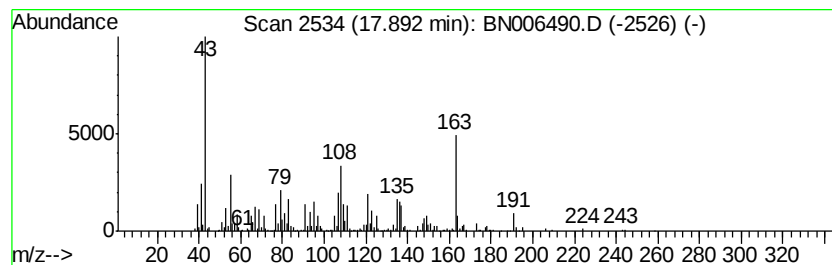
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	4.90 ng/ul	1189220	Phenanthrene-d10	17.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	35	
2	Bronopol	199	C3H6BrN04	000052-51-7	27	
3	2,6-Diacetylpyridine	163	C9H9N02	001129-30-2	22	
4	Dihydrocarvyl acetate	196	C12H20O2	020777-49-5	18	
5	4,8-Decadienoic acid, 2-acetyl-2...	280	C17H28O3	125284-17-5	14	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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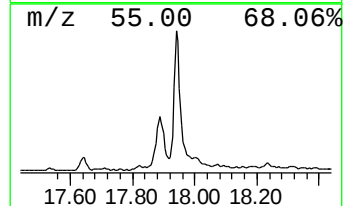
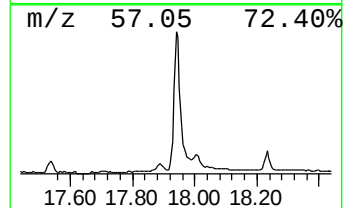
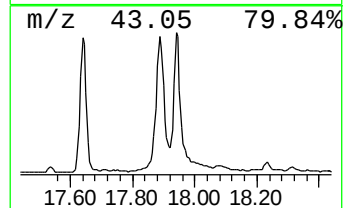
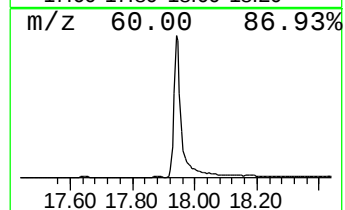
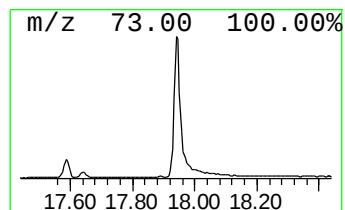
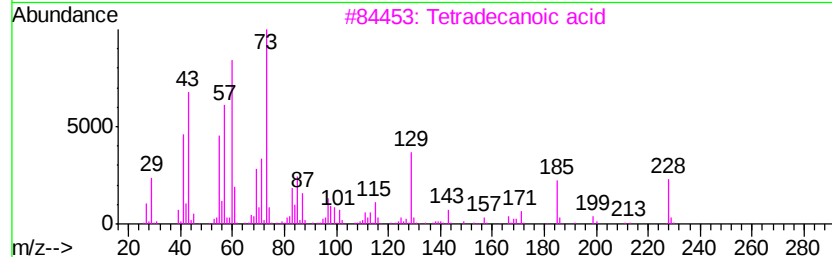
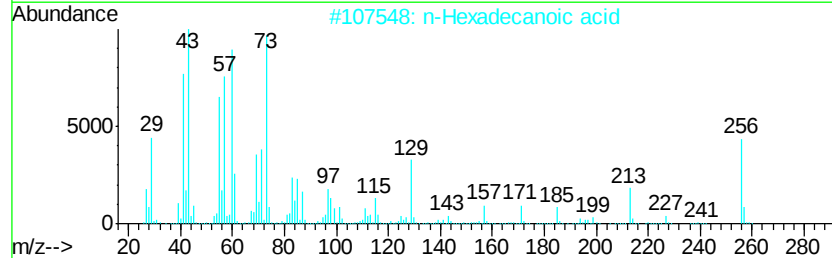
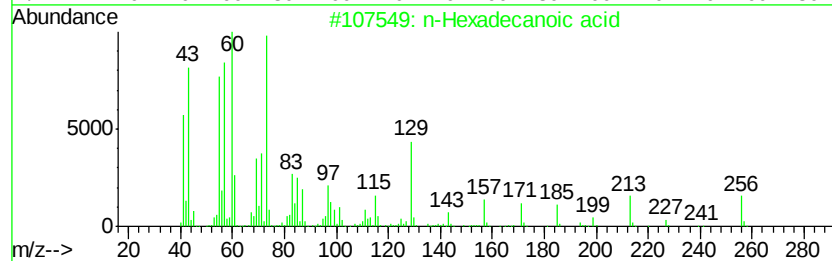
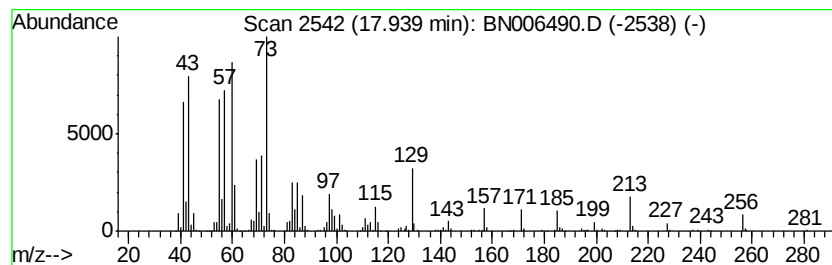
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	6.76 ng/ul	1642550	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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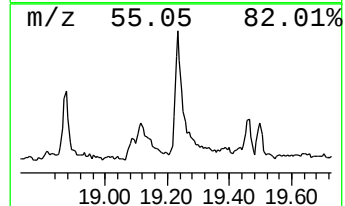
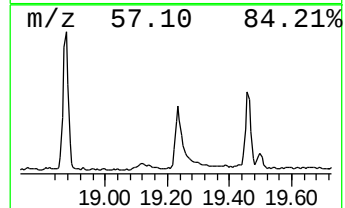
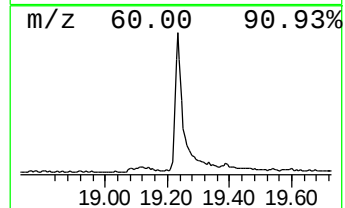
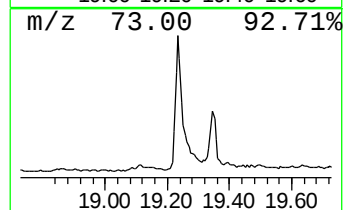
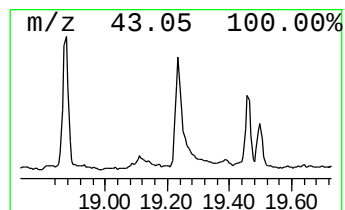
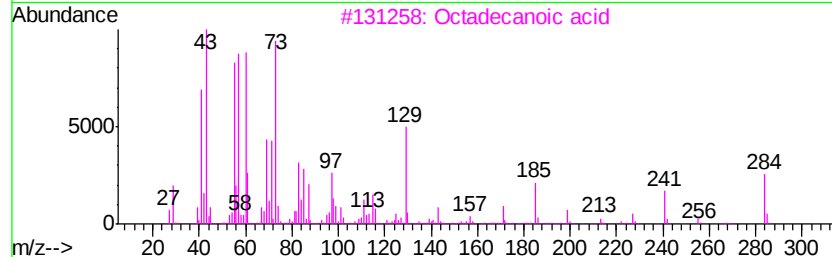
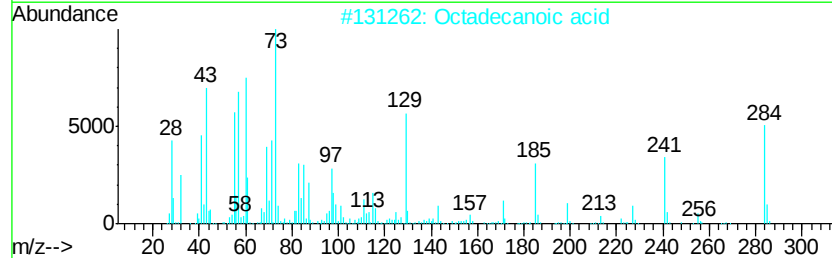
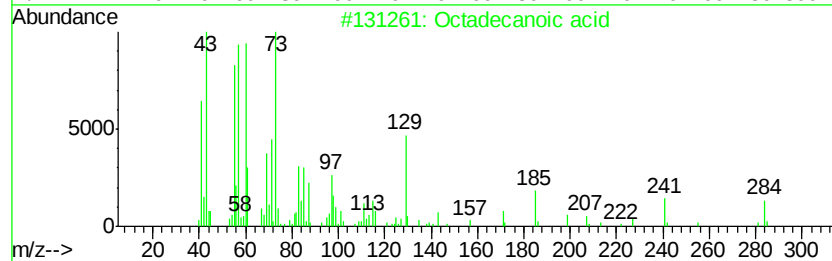
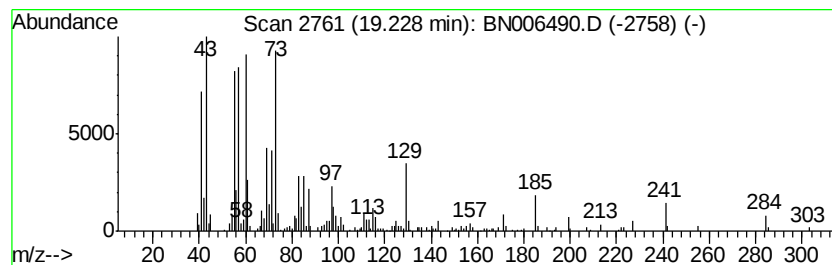
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.51 ng/ul	628481	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	99
3			Octadecanoic acid	284	C18H36O2	000057-11-4	99
4			Octadecanoic acid	284	C18H36O2	000057-11-4	98
5			Octadecanoic acid	284	C18H36O2	000057-11-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Instrument :
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ClientSampleId :
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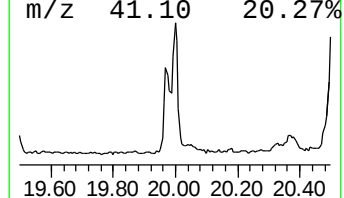
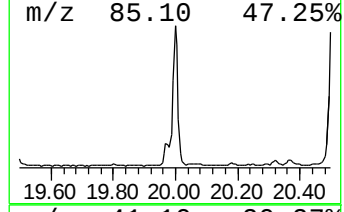
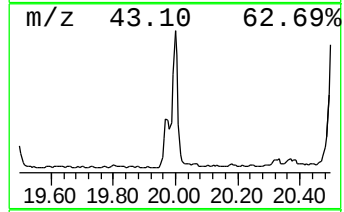
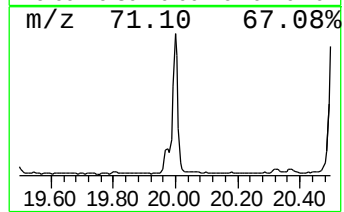
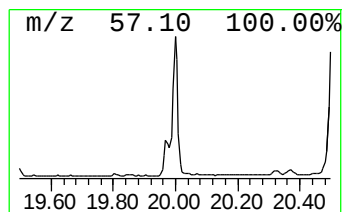
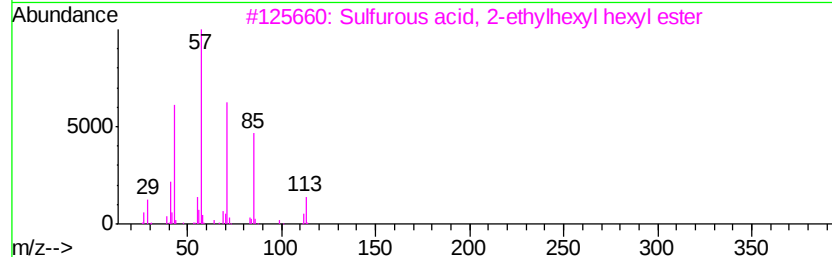
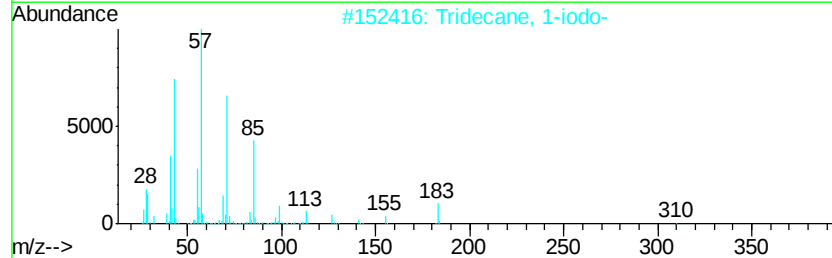
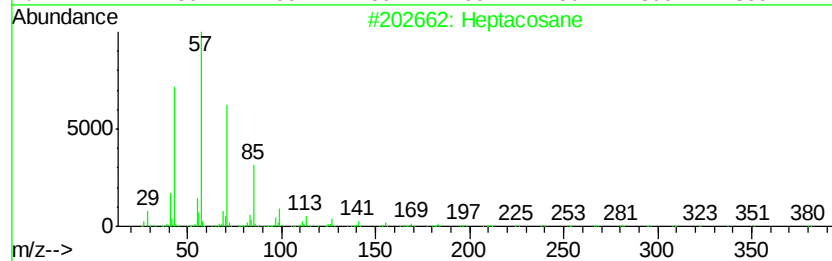
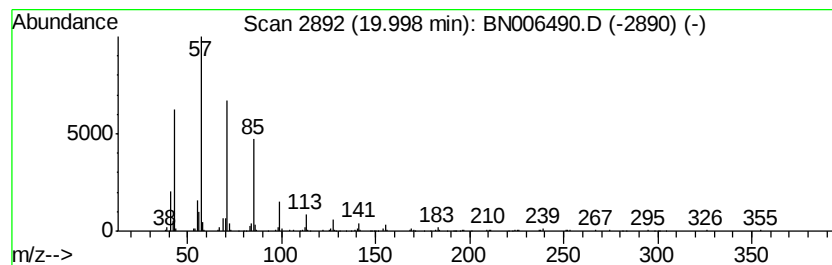
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.45 ng/ul	613681	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	72
5		Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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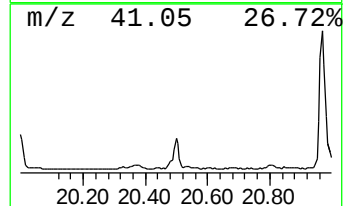
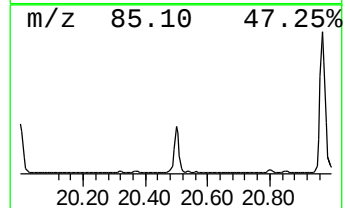
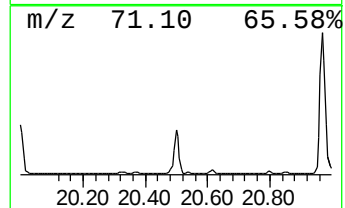
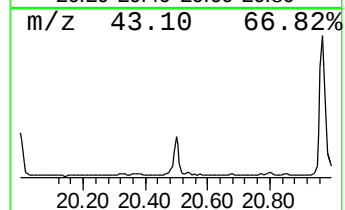
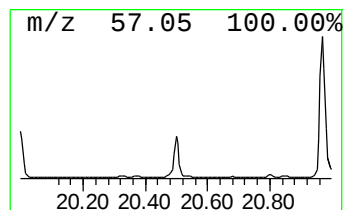
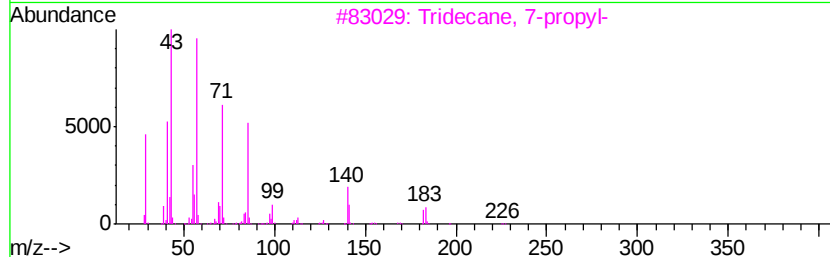
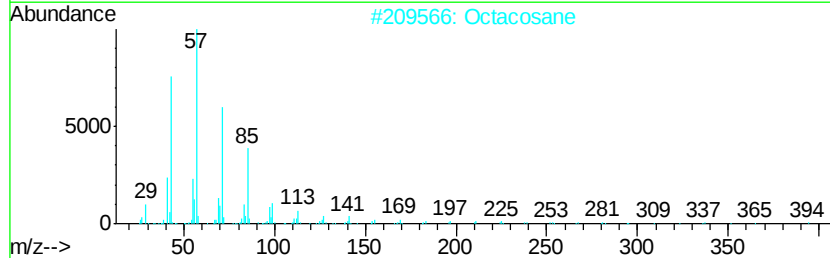
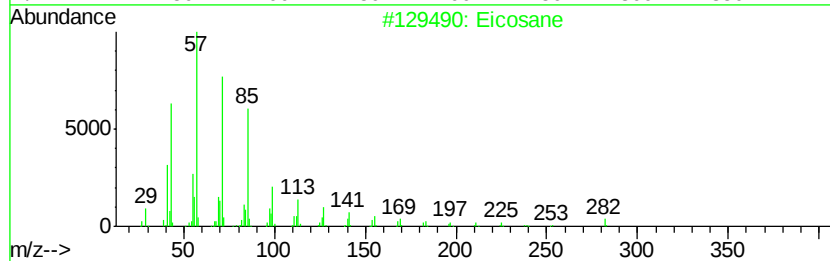
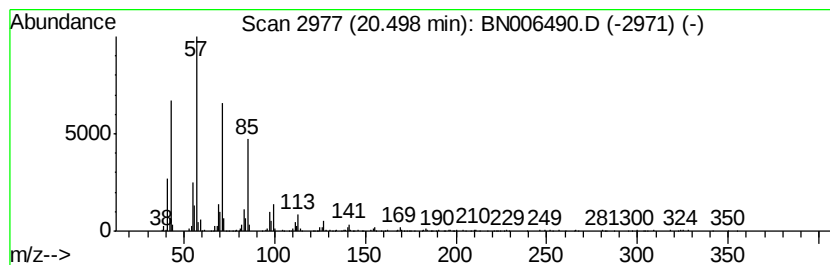
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	2.40 ng/ul	599407	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Octacosane	394	C28H58	000630-02-4	91
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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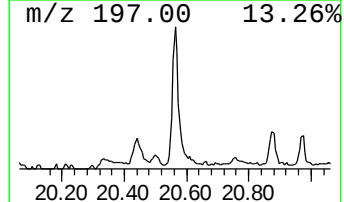
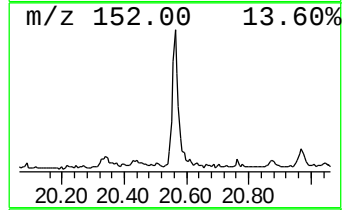
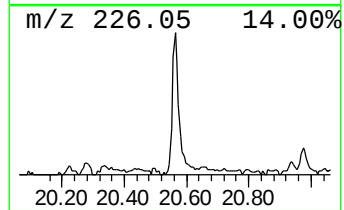
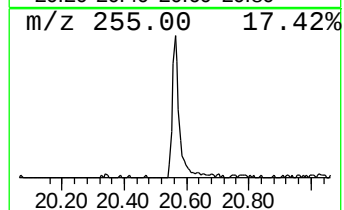
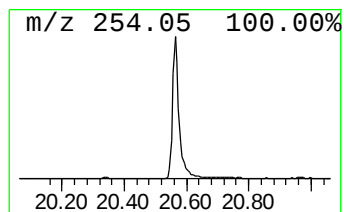
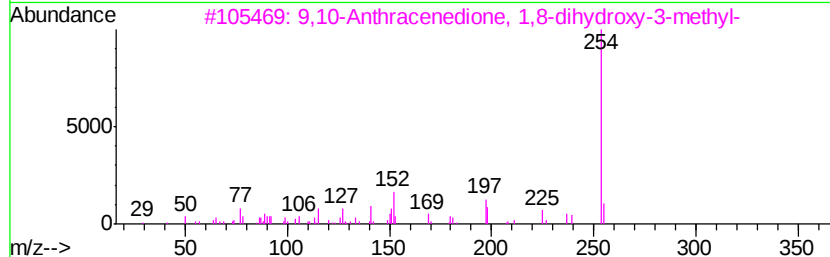
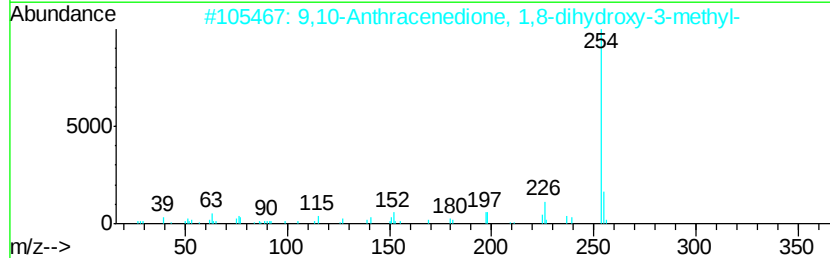
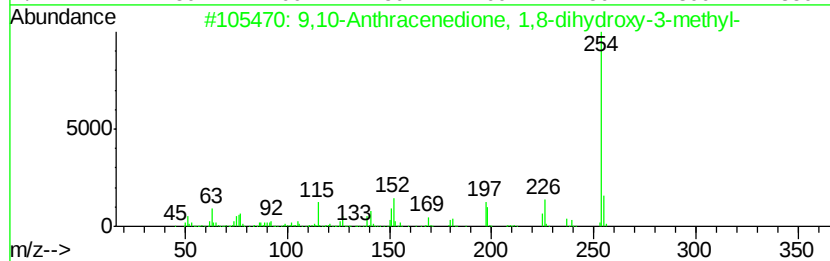
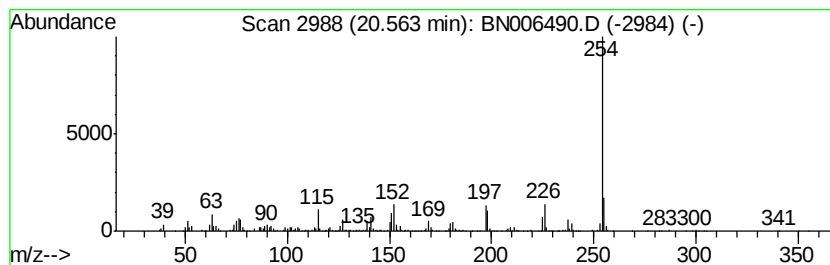
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione, 1,8-d... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.16 ng/ul	539236	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	98
2		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	98
3		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	96
4		9,10-Anthracenedione, 1,8-dihydr...	254	C15H10O4	000481-74-3	93
5		Chrysin	254	C15H10O4	000480-40-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
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Instrument :
BNA_N
ClientSampleId :
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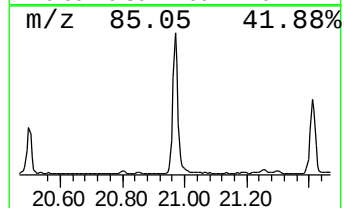
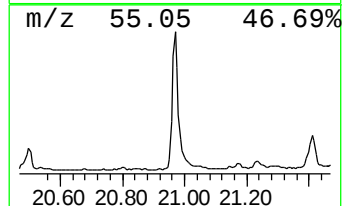
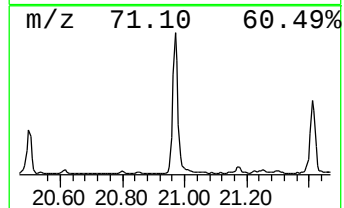
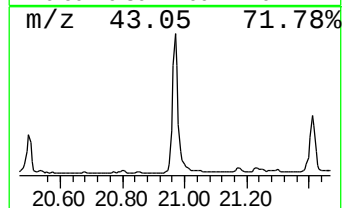
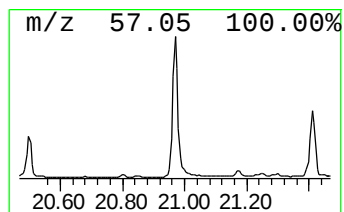
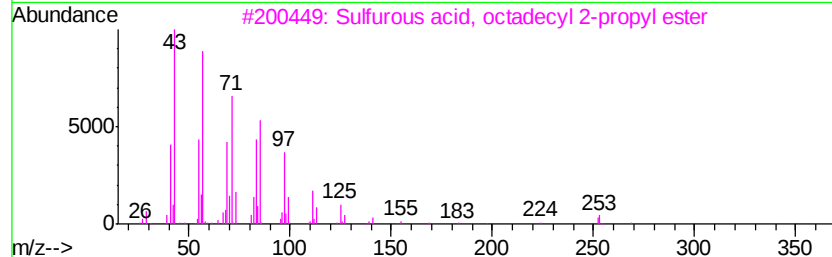
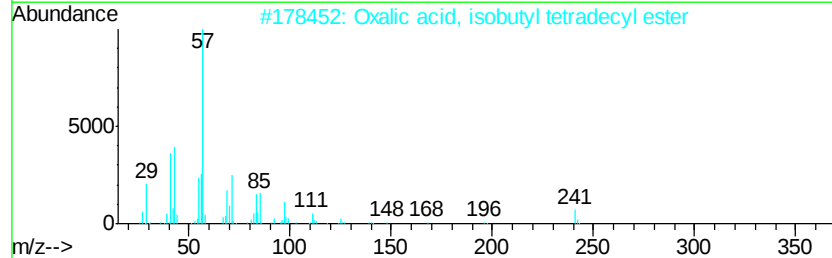
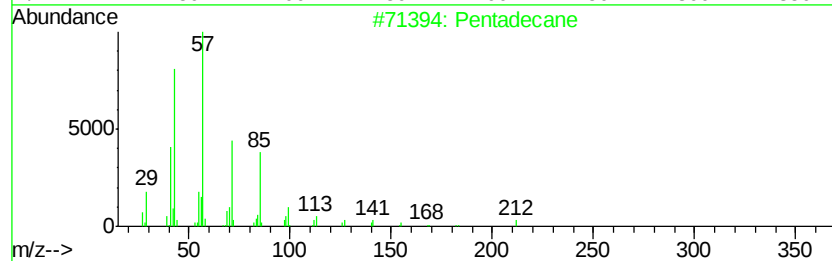
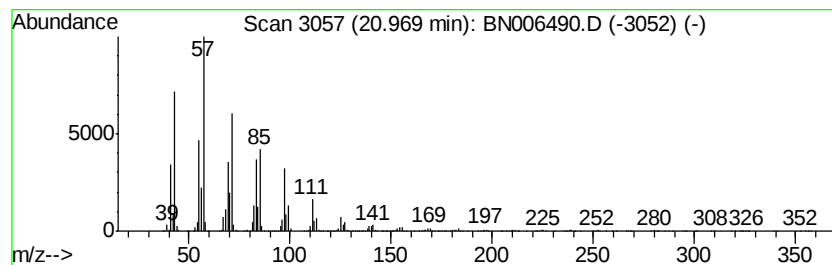
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	12.30 ng/ul	3077060	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	87
3		Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	81
5		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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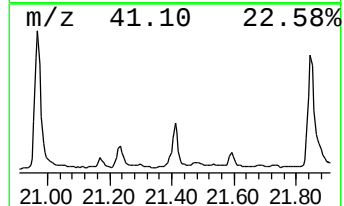
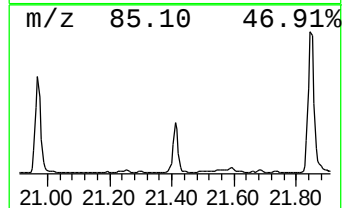
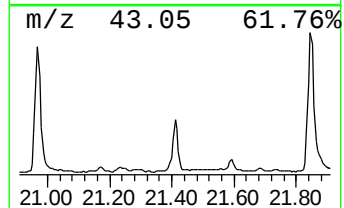
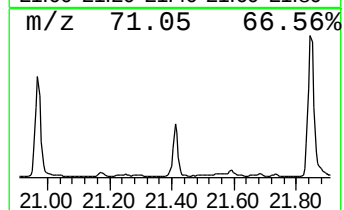
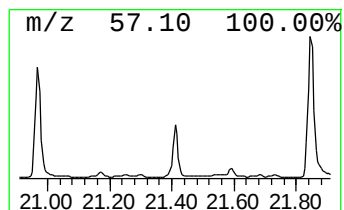
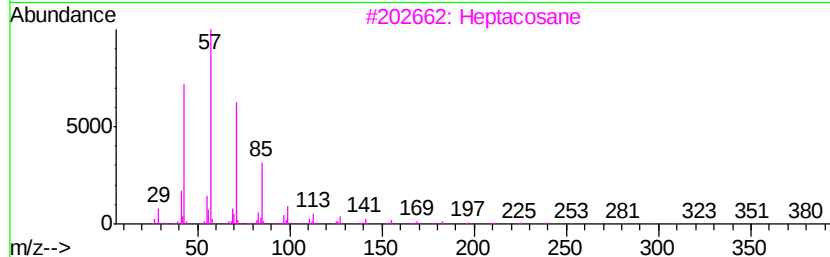
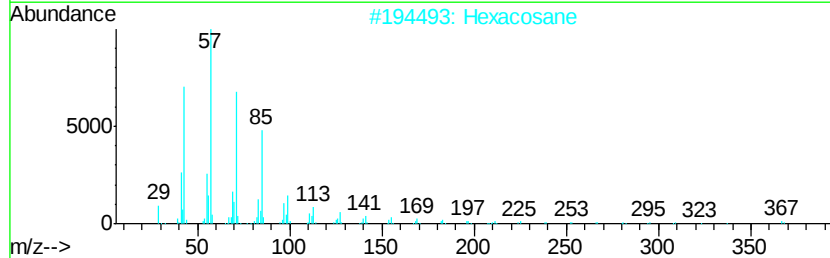
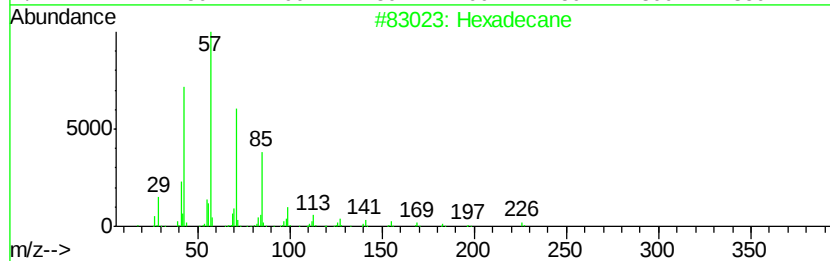
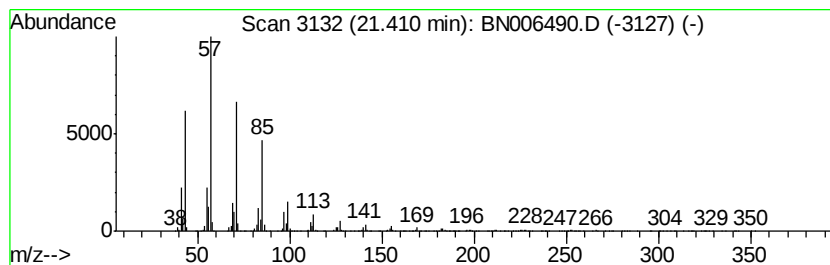
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	3.73 ng/ul	934317	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Hexadecane	226	C16H34	000544-76-3	91
5			2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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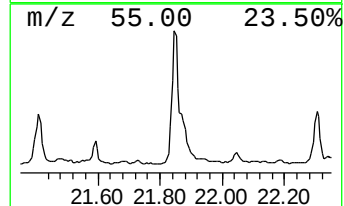
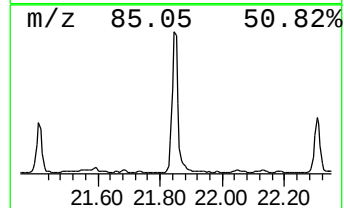
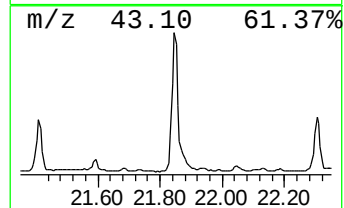
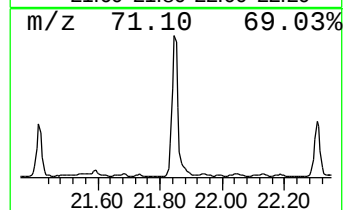
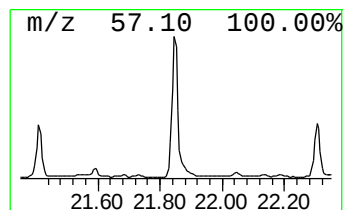
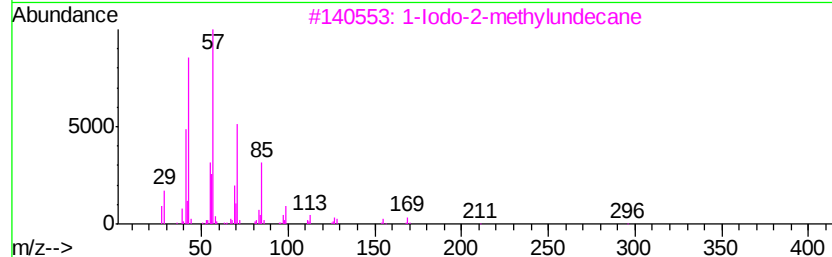
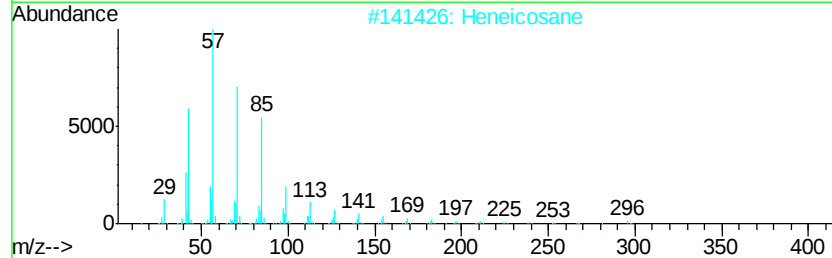
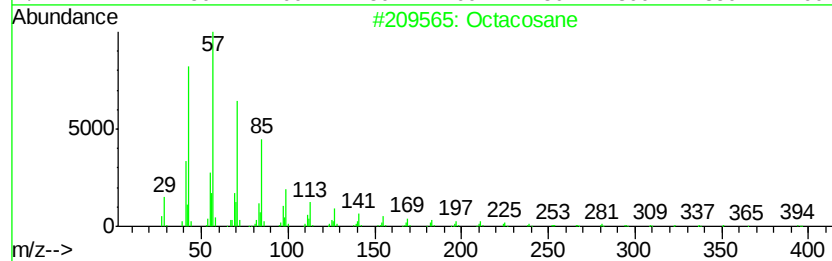
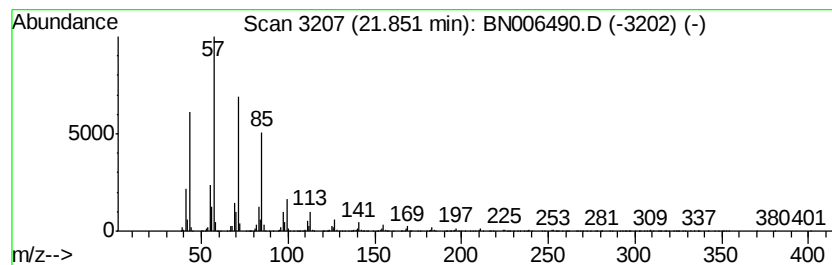
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	12.80 ng/ul	3203280	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Eicosane	282	C20H42	000112-95-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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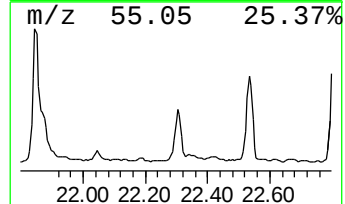
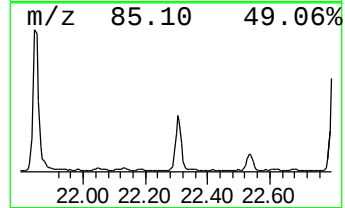
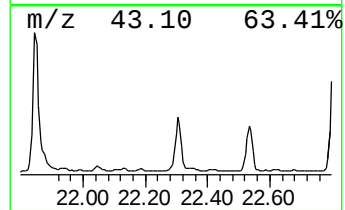
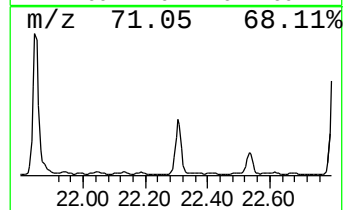
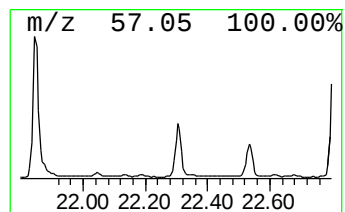
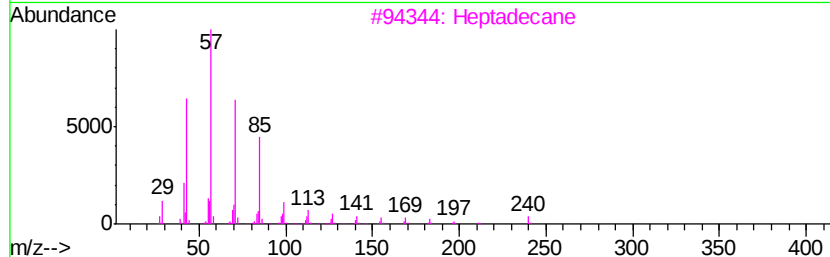
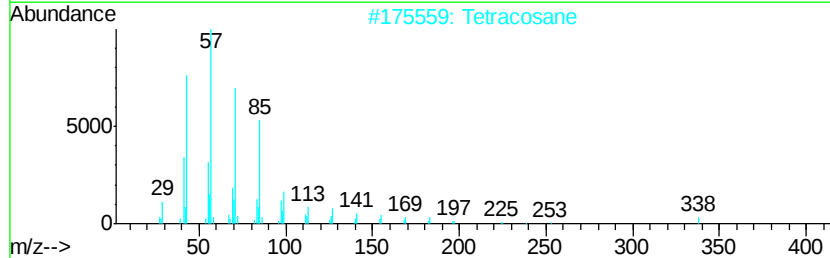
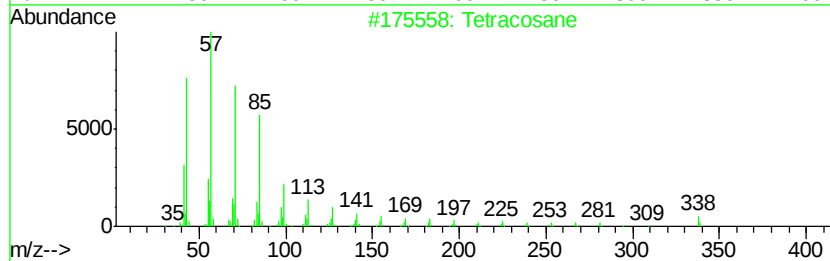
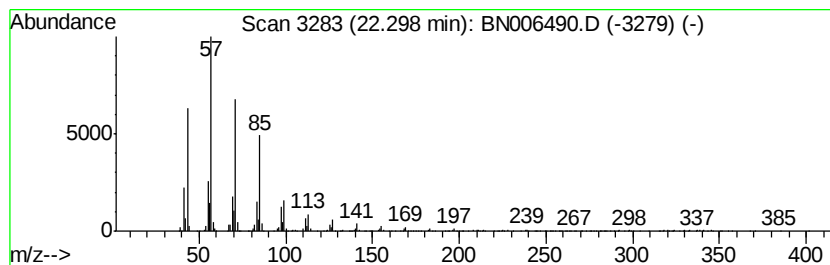
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	4.20 ng/ul	1052010	Chrysene-d12	21.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	97
2			Tetracosane	338	C24H50	000646-31-1	96
3			Heptadecane	240	C17H36	000629-78-7	94
4			Eicosane	282	C20H42	000112-95-8	93
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Misc :
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Instrument :
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ClientSampleId :
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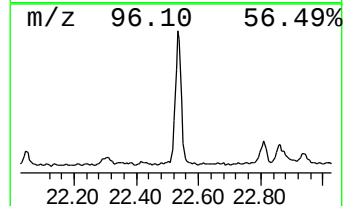
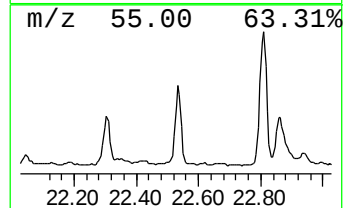
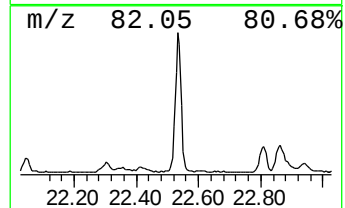
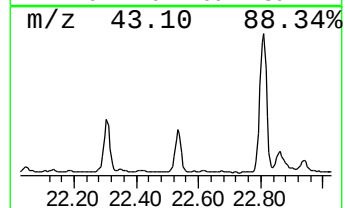
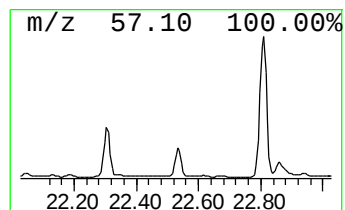
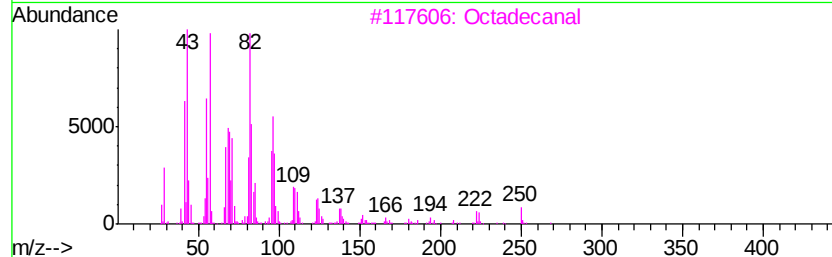
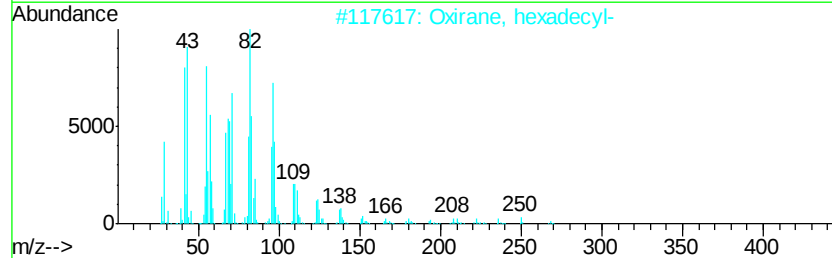
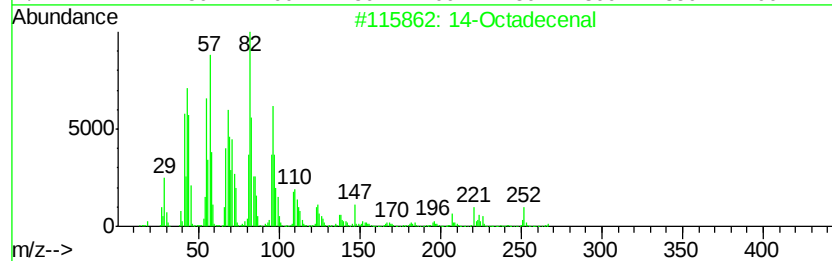
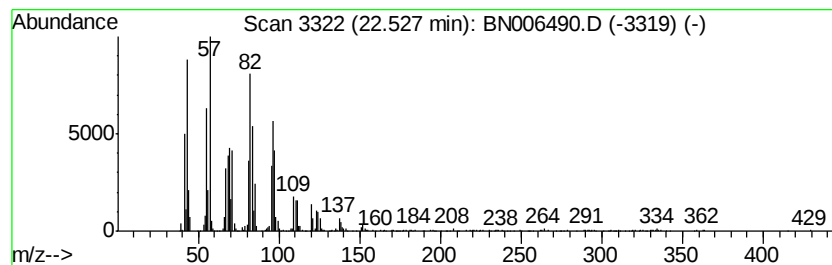
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 14-Octadecenal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	8.21 ng/ul	1494910	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenal	266	C18H34O	056554-89-3	94
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3			Octadecanal	268	C18H36O	000638-66-4	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\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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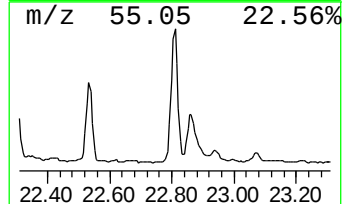
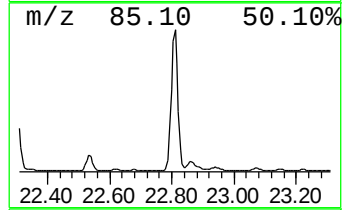
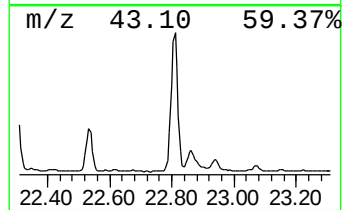
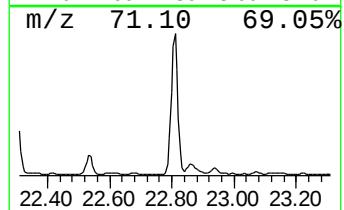
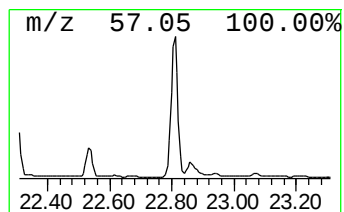
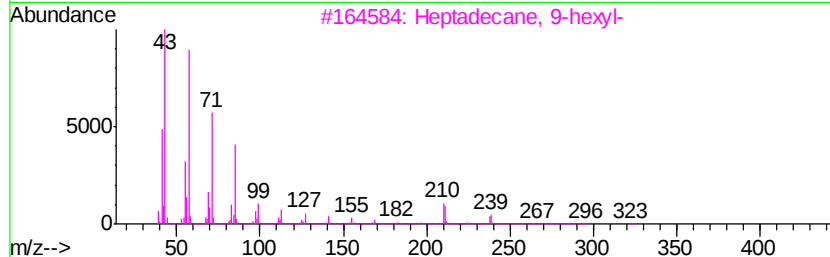
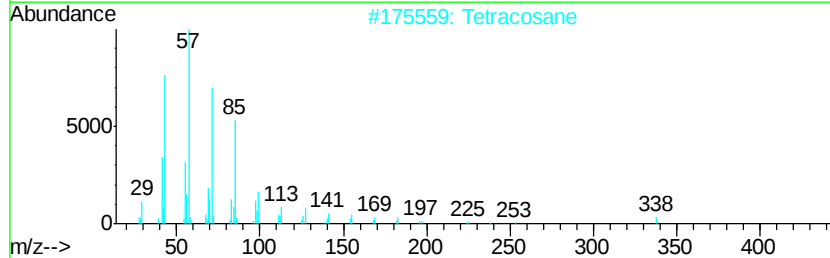
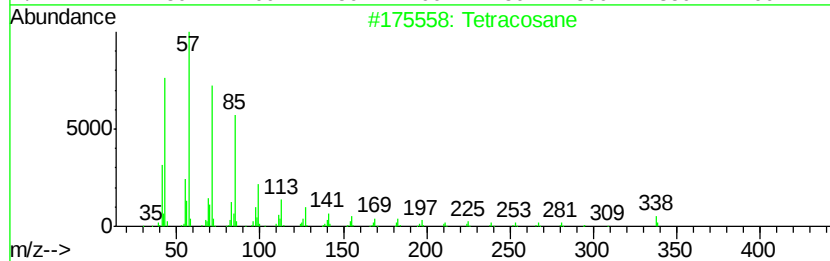
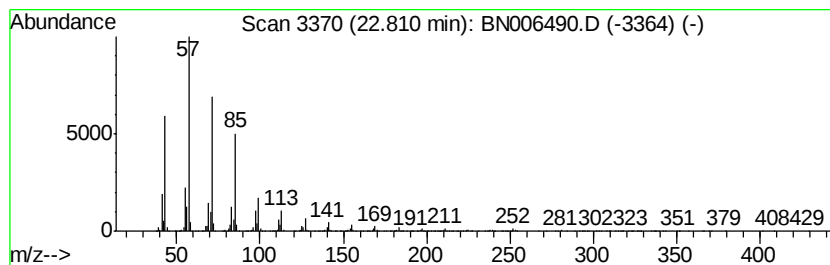
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	19.49 ng/ul	3548790	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Tetracosane	338	C24H50	000646-31-1	95
3		Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
4		Tricosane	324	C23H48	000638-67-5	94
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41X6

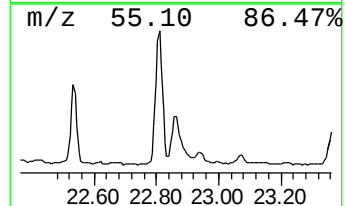
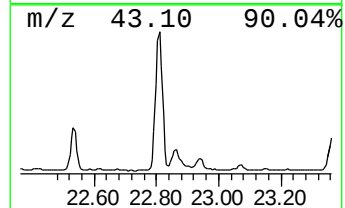
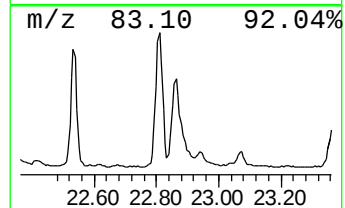
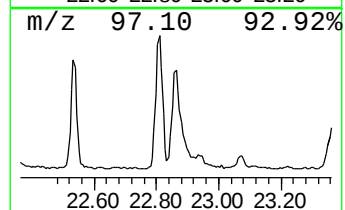
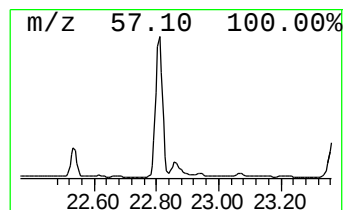
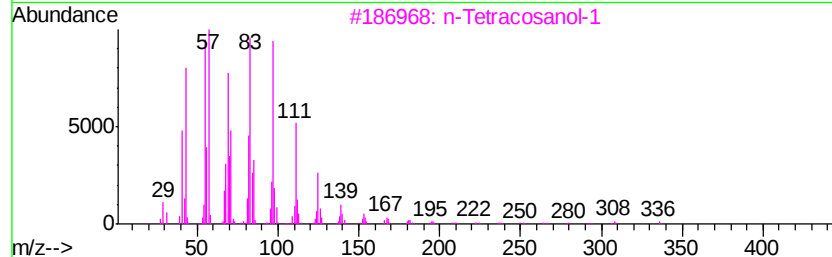
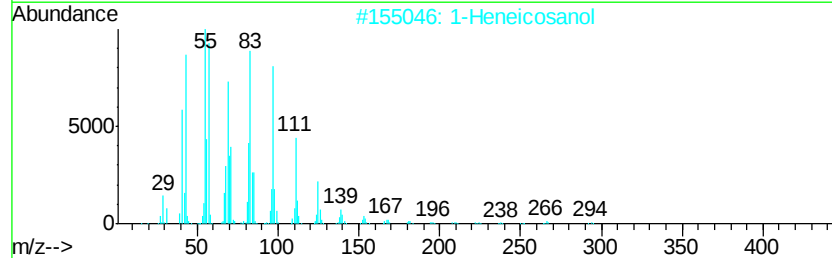
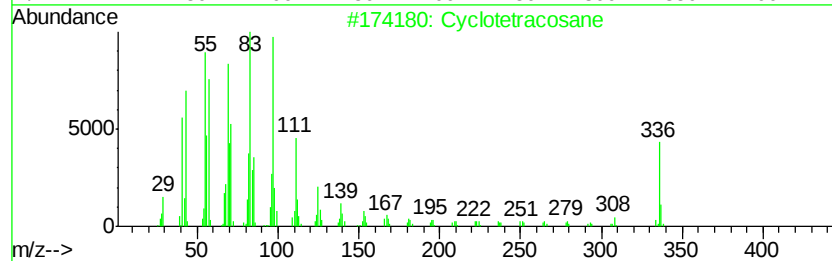
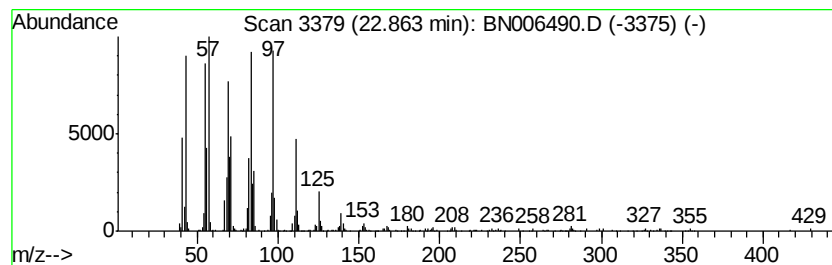
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 (DEL) Alkane: Cyclic22.86 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	5.58 ng/ul	1015770	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	98
2			1-Heneicosanol	312	C21H44O	015594-90-8	94
3			n-Tetracosanol-1	354	C24H50O	000506-51-4	91
4			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5			1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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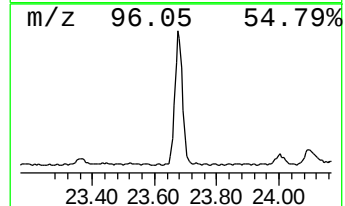
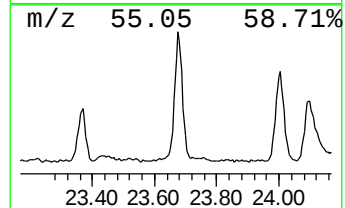
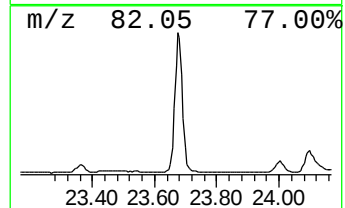
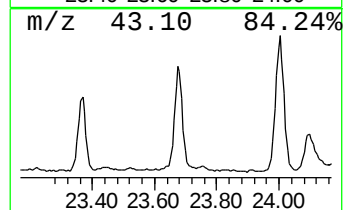
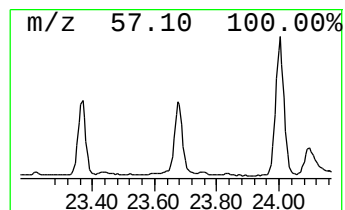
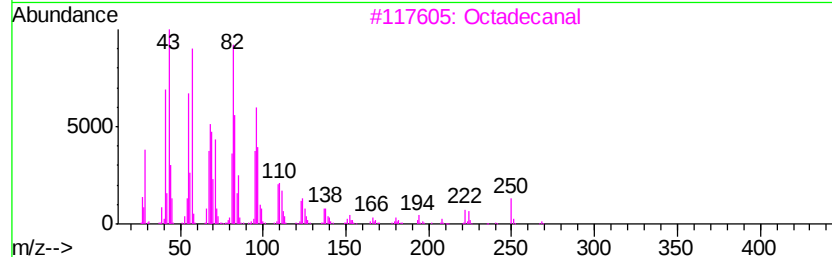
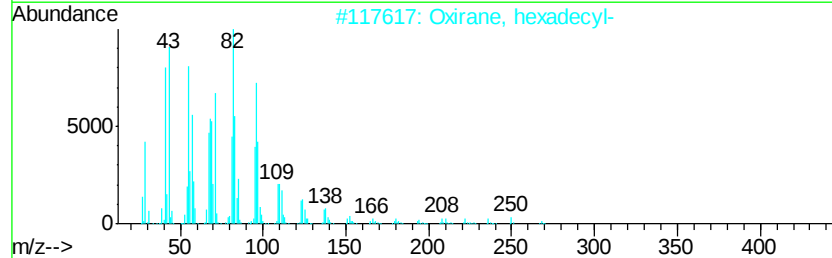
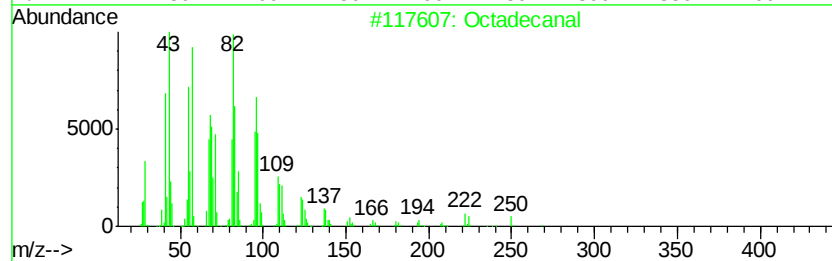
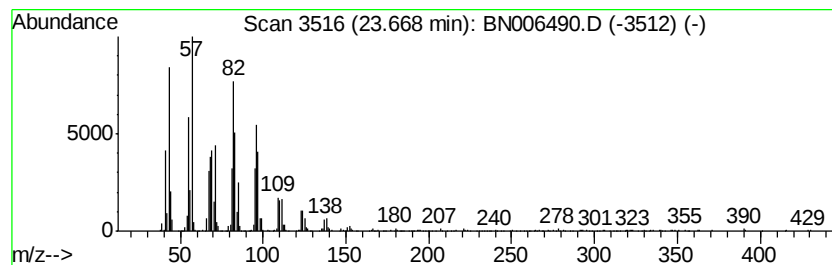
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	11.52 ng/ul	2098150	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Octadecanal	268	C18H36O	000638-66-4	90
4		Octadecanal	268	C18H36O	000638-66-4	90
5		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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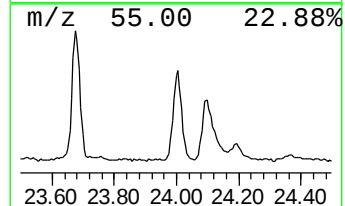
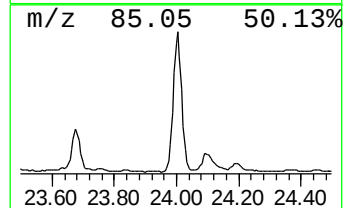
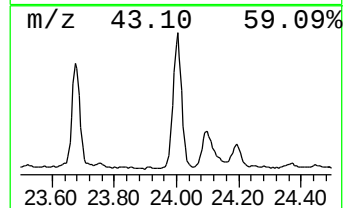
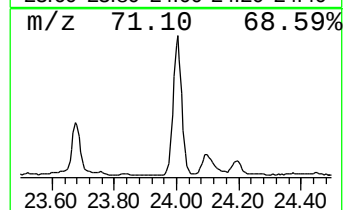
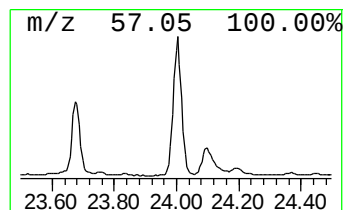
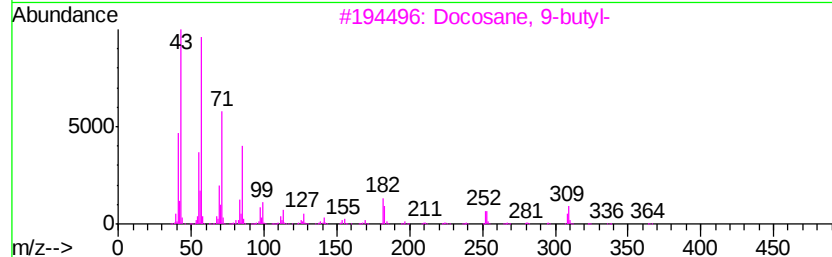
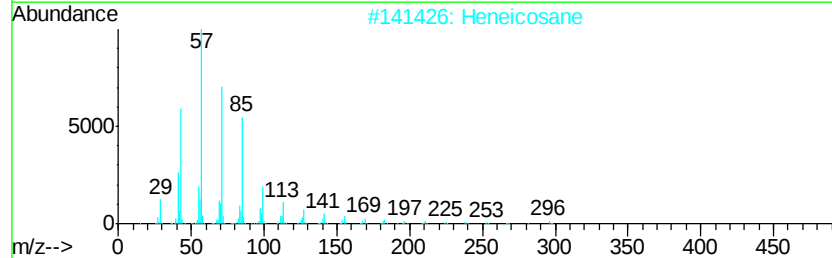
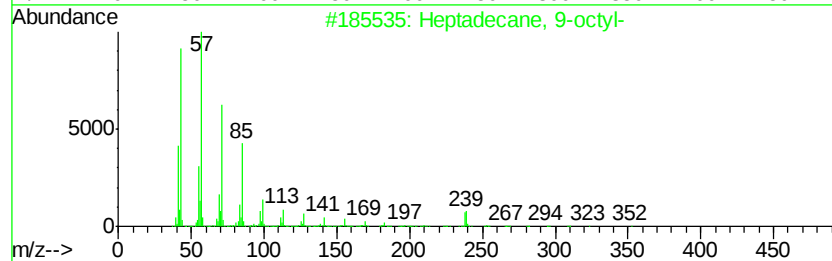
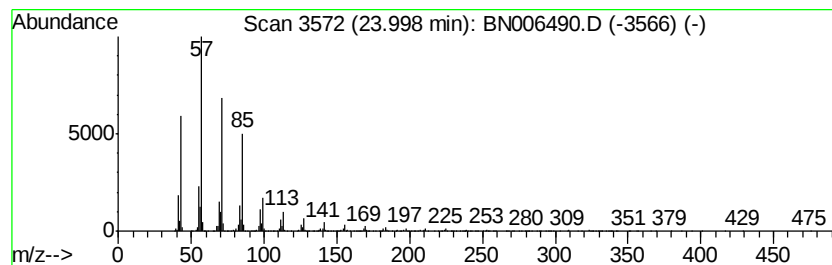
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	11.33 ng/ul	2063110	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Docosane, 9-butyl-	366	C26H54	055282-14-9	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Sample : K3362-07
Misc :
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ClientSampleId :
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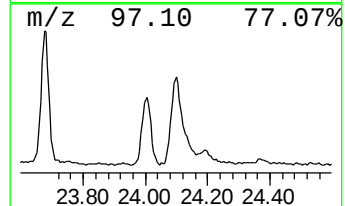
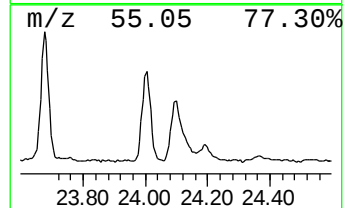
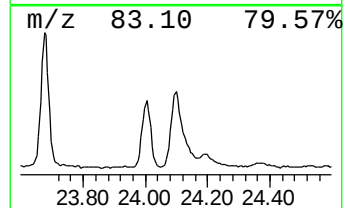
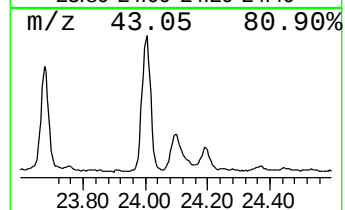
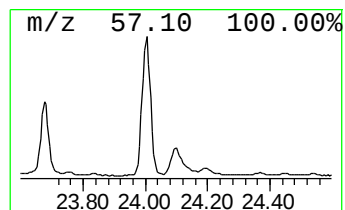
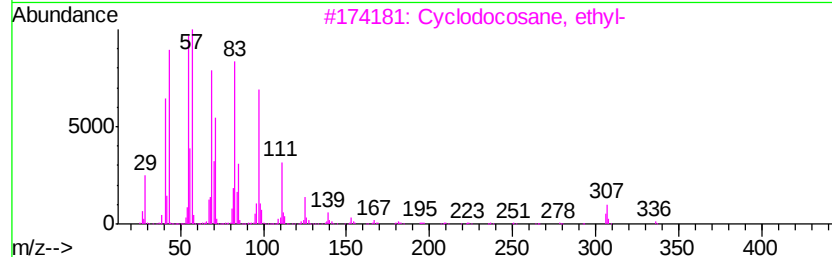
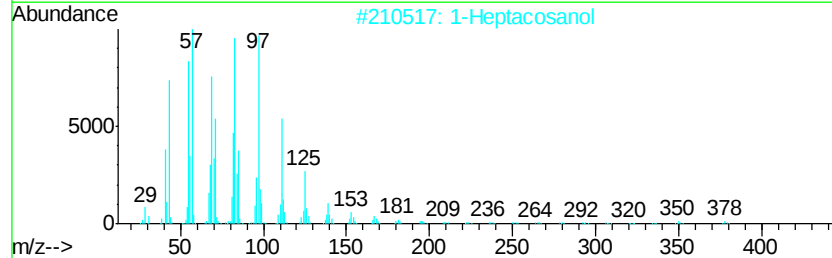
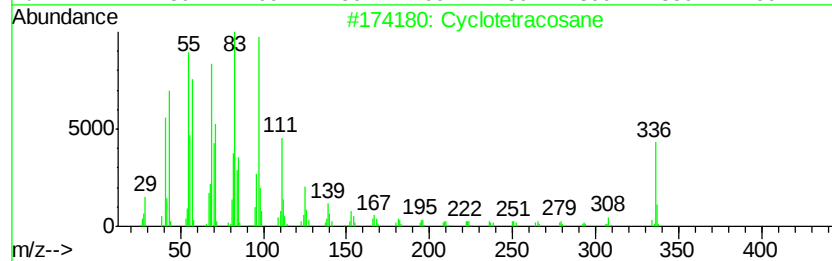
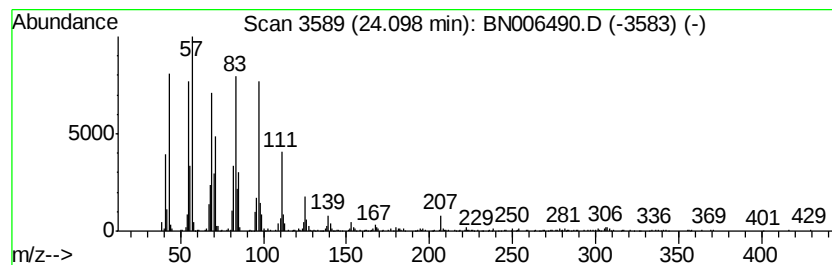
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Cyclic24.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	6.30 ng/ul	1146550	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetracosane	336	C24H48	000297-03-0	98
2			1-Heptacosanol	396	C27H56O	002004-39-9	95
3			Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	94
4			Behenic alcohol	326	C22H46O	000661-19-8	94
5			n-Tetracosanol-1	354	C24H50O	000506-51-4	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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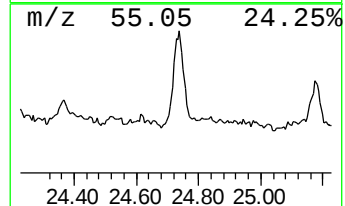
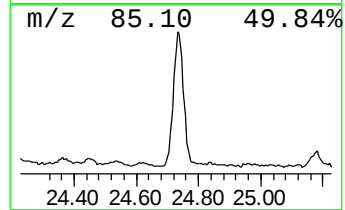
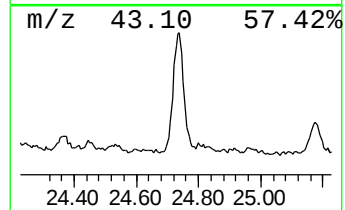
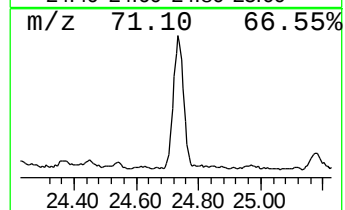
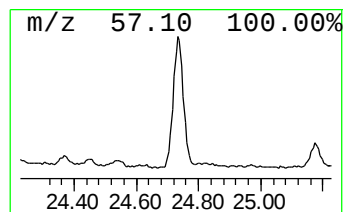
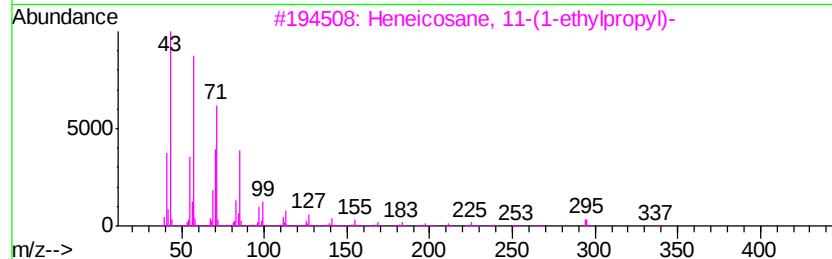
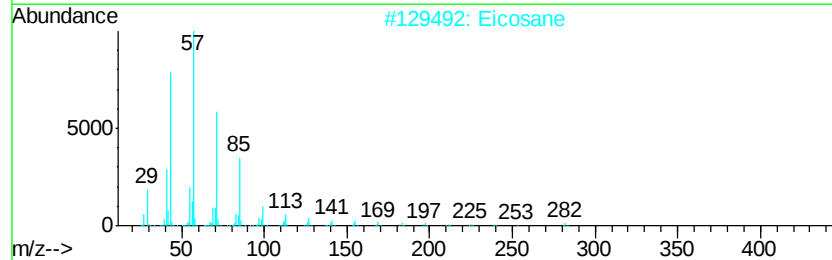
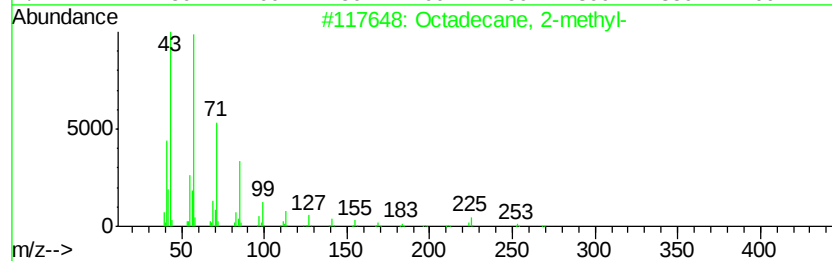
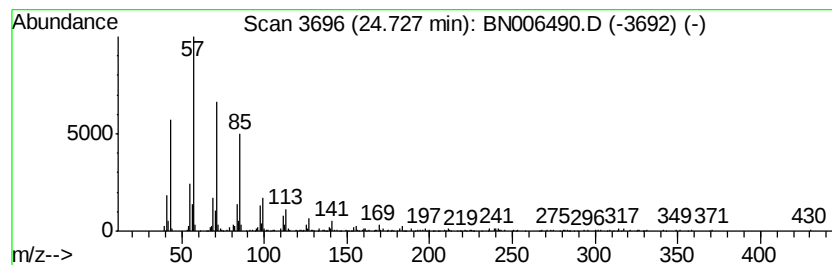
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	3.07 ng/ul	558703	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Eicosane	282	C20H42	000112-95-8	93
3			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Hentriacontane	437	C31H64	000630-04-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
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Acq On : 22 Jun 2019 15:48
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Sample : K3362-07
Misc :
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BNA_N
ClientSampleId :
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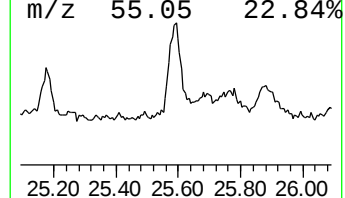
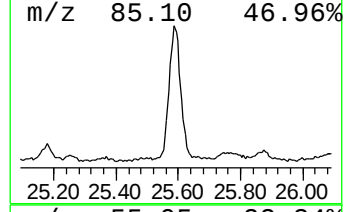
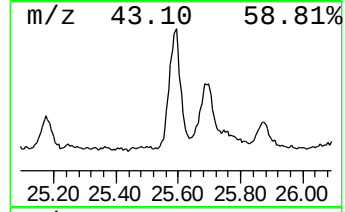
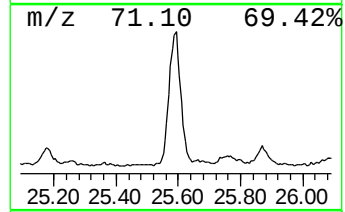
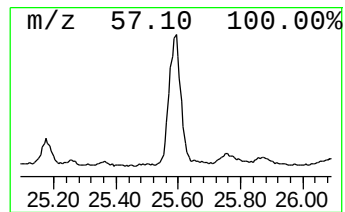
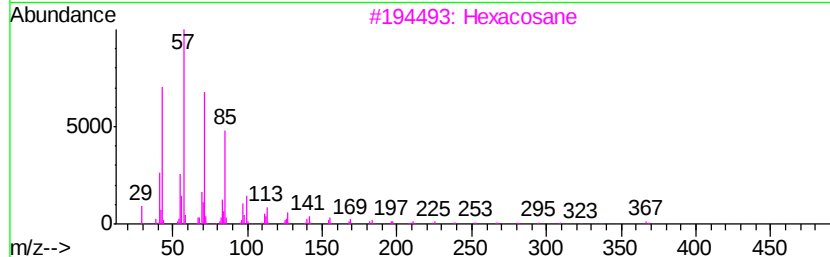
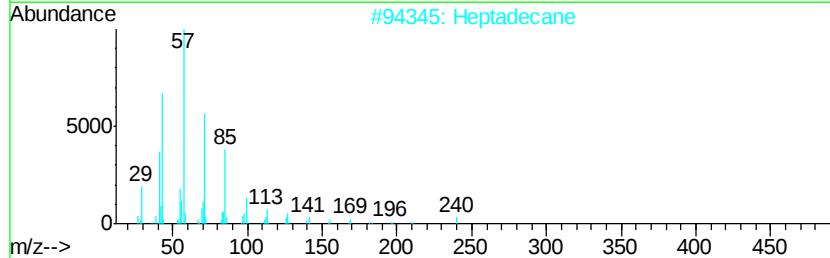
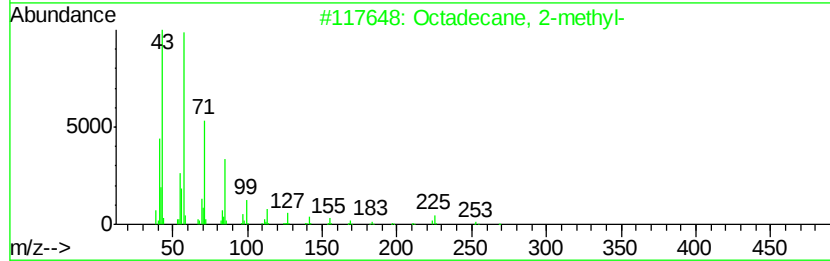
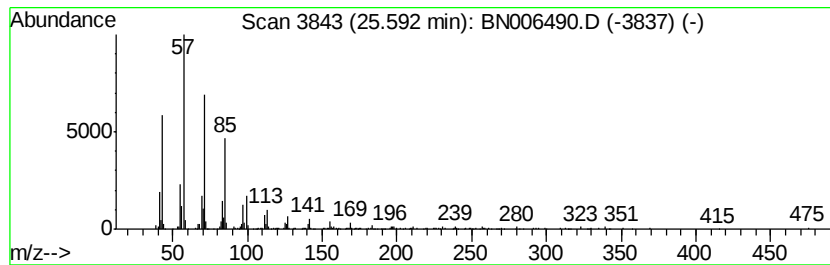
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.59	2.83 ng/ul	516211	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Heptadecane	240	C17H36	000629-78-7	93
3			Hexacosane	366	C26H54	000630-01-3	90
4			Tetracosane	338	C24H50	000646-31-1	90
5			Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
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Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41X6

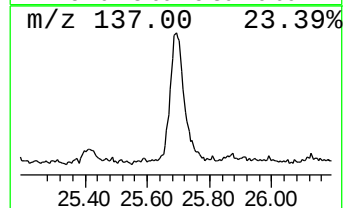
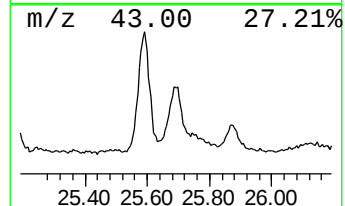
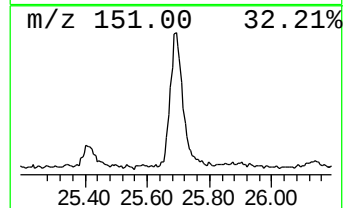
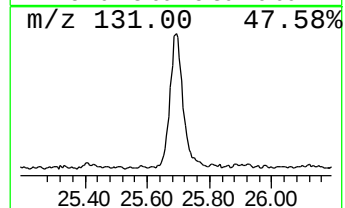
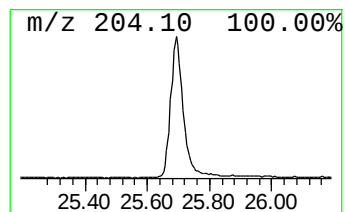
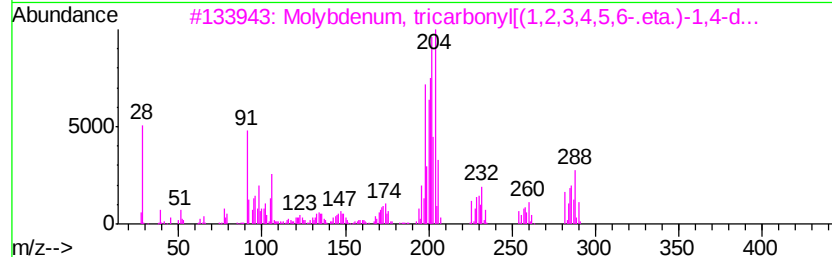
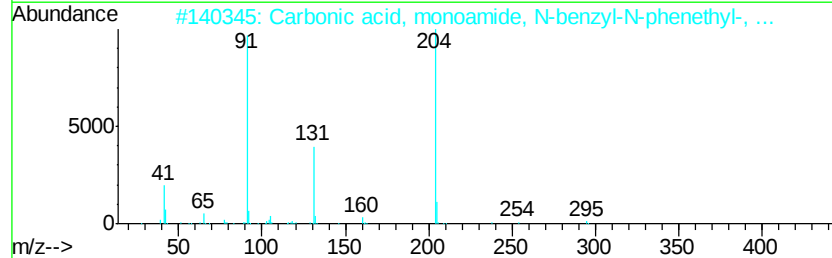
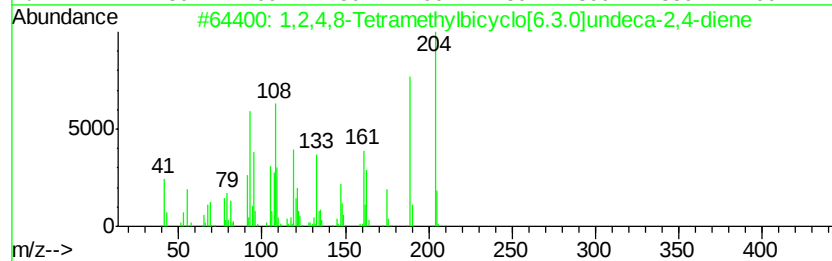
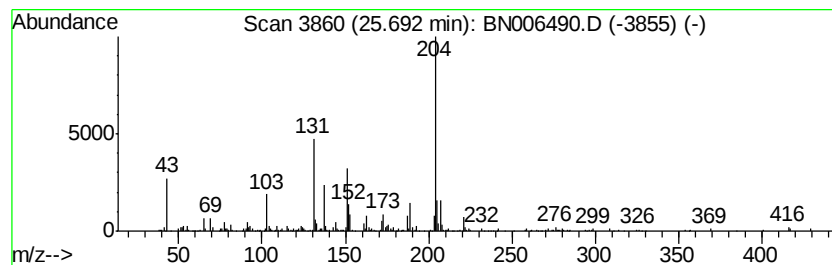
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	5.20 ng/ul	947553	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
2		Carbonic acid, monoamide, N-benz...	295	C19H21N02	1000340-18-6	38
3		Molybdenum, tricarbonyl[(1,2,3,4...	288	C11H10Mo03	012093-13-9	35
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
5		5H-Thiazolo[2,3-b]quinazolin-5-o...	204	C10H8N2OS	016024-88-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
Data File : BN006490.D
Acq On : 22 Jun 2019 15:48
Operator : HP/JU
Sample : K3362-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

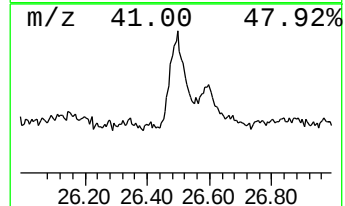
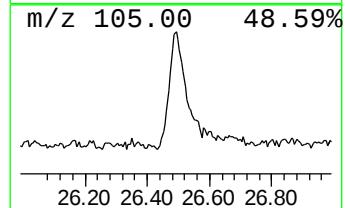
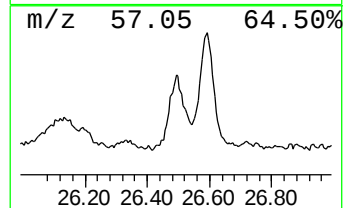
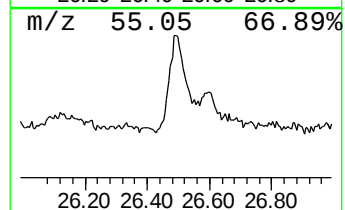
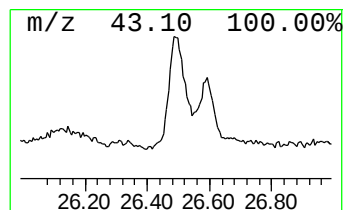
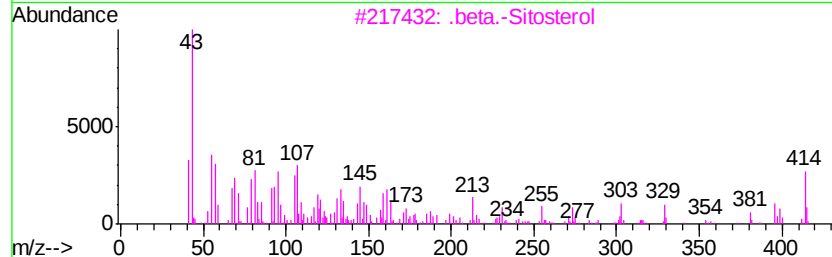
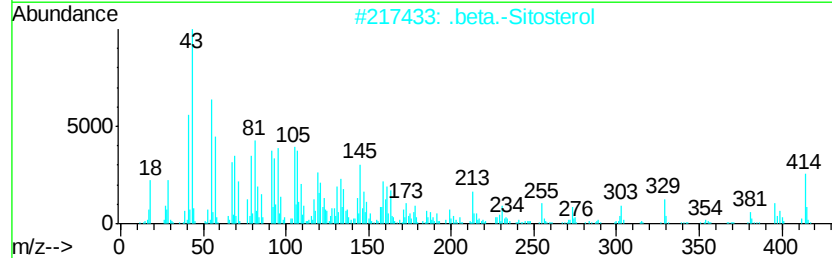
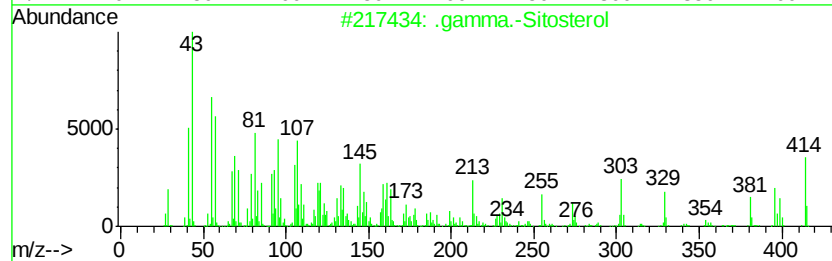
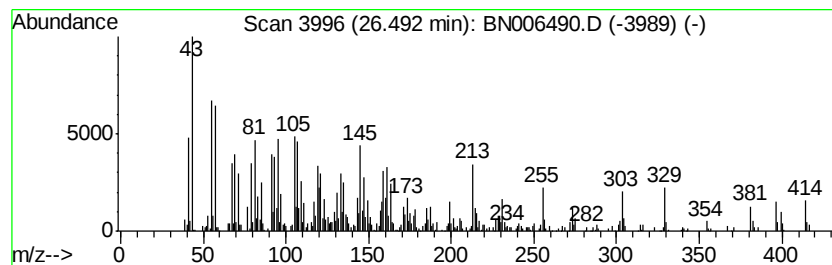
Instrument :
BNA_N
ClientSampleId :
A41X6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 .gamma.-Sitosterol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.49	5.96 ng/ul	1086020	Perylene-d12	23.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.gamma.-Sitosterol	414 C29H50O	000083-47-6 99
2		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
3		.beta.-Sitosterol	414 C29H50O	000083-46-5 97
4		.gamma.-Sitosterol	414 C29H50O	000083-47-6 91
5		Ergost-5-en-3-ol, (3.beta.)-	400 C28H48O	004651-51-8 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062219\
 Data File : BN006490.D
 Acq On : 22 Jun 2019 15:48
 Operator : HP/JU
 Sample : K3362-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41X6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.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
Cyclotrisiloxane,...	4.29	5.0	ng/ul	534862	1	7.62	2151660	20.0
Benzeneacetone,...	12.13	2.6	ng/ul	421061	2	10.40	3200690	20.0
Benzeneethanol, 4...	13.42	3.0	ng/ul	619441	3	14.28	4166230	20.0
unknown-01	16.76	3.2	ng/ul	782489	4	17.03	4858210	20.0
1-Acetyl-2,3-naph...	17.65	26.3	ng/ul	6394840	4	17.03	4858210	20.0
unknown-02	17.89	4.9	ng/ul	1189220	4	17.03	4858210	20.0
n-Hexadecanoic acid	17.94	6.8	ng/ul	1642550	4	17.03	4858210	20.0
Octadecanoic acid	19.23	2.5	ng/ul	628481	5	21.26	5004220	20.0
(DEL) Alkane: Str...	20.00	2.5	ng/ul	613681	5	21.26	5004220	20.0
(DEL) Alkane: Str...	20.50	2.4	ng/ul	599407	5	21.26	5004220	20.0
9,10-Anthracenedi...	20.56	2.2	ng/ul	539236	5	21.26	5004220	20.0
(DEL) Alkane: Str...	20.97	12.3	ng/ul	3077060	5	21.26	5004220	20.0
(DEL) Alkane: Str...	21.41	3.7	ng/ul	934317	5	21.26	5004220	20.0
(DEL) Alkane: Str...	21.85	12.8	ng/ul	3203280	5	21.26	5004220	20.0
(DEL) Alkane: Str...	22.30	4.2	ng/ul	1052010	5	21.26	5004220	20.0
14-Octadecenal	22.53	8.2	ng/ul	1494910	6	23.50	3641840	20.0
(DEL) Alkane: Str...	22.81	19.5	ng/ul	3548790	6	23.50	3641840	20.0
(DEL) Alkane: Cyc...	22.86	5.6	ng/ul	1015770	6	23.50	3641840	20.0
Octadecanal	23.67	11.5	ng/ul	2098150	6	23.50	3641840	20.0
(DEL) Alkane: Str...	24.00	11.3	ng/ul	2063110	6	23.50	3641840	20.0
(DEL) Alkane: Cyc...	24.10	6.3	ng/ul	1146550	6	23.50	3641840	20.0
(DEL) Alkane: Str...	24.73	3.1	ng/ul	558703	6	23.50	3641840	20.0
(DEL) Alkane: Str...	25.59	2.8	ng/ul	516211	6	23.50	3641840	20.0
unknown-03	25.69	5.2	ng/ul	947553	6	23.50	3641840	20.0
.gamma.-Sitosterol	26.49	6.0	ng/ul	1086020	6	23.50	3641840	20.0