

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
 Data File : BN006112.D
 Acq On : 05 Jun 2019 22:32
 Operator : JU/SJ
 Sample : K3016-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C0

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-BN060419MA.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	3.152	24	28	33	rVB	55127	64422	1.45%	0.111%
2	3.664	111	115	119	rVB3	17290	20137	0.45%	0.035%
3	3.781	130	135	147	rVB	100672	154045	3.47%	0.265%
4	3.876	147	151	156	rVB3	15440	19746	0.44%	0.034%
5	3.976	164	168	172	rBV4	15849	22730	0.51%	0.039%
6	4.040	176	179	183	rVB2	8097	10714	0.24%	0.018%
7	4.240	209	213	218	rVB4	11685	17101	0.39%	0.029%
8	4.423	241	244	247	rVB5	6478	7884	0.18%	0.014%
9	4.652	279	283	284	rBV4	4649	5350	0.12%	0.009%
10	4.770	297	303	313	rVB	103529	159623	3.60%	0.274%
11	4.870	317	320	326	rBV6	6038	7990	0.18%	0.014%
12	5.670	455	456	462	rVB3	3687	4773	0.11%	0.008%
13	6.046	517	520	524	rVB	8867	10393	0.23%	0.018%
14	6.305	560	564	566	rBV4	3940	5391	0.12%	0.009%
15	6.817	643	651	670	rBV	739979	1331027	29.98%	2.287%
16	6.981	670	679	691	rBV	663561	1076974	24.26%	1.850%
17	7.175	704	712	725	rBV	785830	1256122	28.29%	2.158%
18	7.646	785	792	800	rBV	1259089	2064682	46.51%	3.547%
19	8.246	888	894	897	rBV4	2194	4678	0.11%	0.008%
20	8.352	905	912	925	rBV	798598	1388315	31.27%	2.385%
21	8.464	928	931	938	rVB3	17539	30444	0.69%	0.052%
22	8.799	981	988	1003	rBV	736208	1291758	29.10%	2.219%
23	8.963	1014	1016	1024	rVB7	7529	11957	0.27%	0.021%
24	9.216	1051	1059	1065	rBV	28188	46625	1.05%	0.080%
25	9.516	1103	1110	1128	rBV	589043	1031414	23.23%	1.772%
26	10.052	1194	1201	1214	rBV	853113	1466380	33.03%	2.519%
27	10.428	1257	1265	1278	rBV	1894565	3160037	71.18%	5.429%
28	10.569	1281	1289	1304	rBV	670083	1292562	29.11%	2.221%
29	11.099	1376	1379	1384	rBV5	3184	6605	0.15%	0.011%
30	11.234	1397	1402	1406	rBV5	4012	7542	0.17%	0.013%
31	11.387	1426	1428	1435	rVB6	3020	5122	0.12%	0.009%
32	11.857	1503	1508	1515	rVB8	5092	7899	0.18%	0.014%
33	11.963	1521	1526	1532	rBV4	7399	12063	0.27%	0.021%
34	12.028	1532	1537	1542	rBV3	9366	15356	0.35%	0.026%

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35	12.893	1681	1684	1690	rVB6	2606	4604	0.10%	0.008%
36	13.122	1719	1723	1728	rBV3	6067	10389	0.23%	0.018%
37	13.257	1742	1746	1751	rVB6	4235	7280	0.16%	0.013%
38	13.710	1817	1823	1827	rBV	1769779	2346816	52.86%	4.032%
39	13.757	1827	1831	1840	rVV	235758	342627	7.72%	0.589%
40	13.828	1842	1843	1849	rVB4	4395	5596	0.13%	0.010%
41	13.987	1864	1870	1883	rBV	1779204	2618403	58.98%	4.498%
42	14.210	1903	1908	1912	rVB5	6871	10045	0.23%	0.017%
43	14.299	1916	1923	1935	rBV2	2509000	3935073	88.63%	6.761%
44	14.510	1953	1959	1979	rBV	330829	691122	15.57%	1.187%
45	14.734	1992	1997	2002	rBV7	20264	32305	0.73%	0.056%
46	15.110	2056	2061	2064	rBV	11846	15850	0.36%	0.027%
47	15.163	2067	2070	2074	rVB3	7405	8463	0.19%	0.015%
48	15.298	2086	2093	2109	rBV	2278215	3302996	74.40%	5.675%
49	15.428	2109	2115	2128	rVV	426908	642912	14.48%	1.105%
50	15.540	2130	2134	2142	rVB	27793	44049	0.99%	0.076%
51	15.663	2154	2155	2160	rVB4	7030	8640	0.19%	0.015%
52	16.028	2214	2217	2220	rBV4	7256	8289	0.19%	0.014%
53	16.087	2222	2227	2231	rVB3	8076	10992	0.25%	0.019%
54	16.598	2309	2314	2318	rBV2	20668	28472	0.64%	0.049%
55	16.840	2349	2355	2358	rBV3	11882	22768	0.51%	0.039%
56	16.963	2372	2376	2380	rBV6	4902	9098	0.20%	0.016%
57	17.051	2385	2391	2402	rBV2	3000857	4298794	96.83%	7.385%
58	17.151	2402	2408	2422	rVB2	2030169	3015505	67.92%	5.181%
59	17.345	2438	2441	2442	rBV3	6695	5492	0.12%	0.009%
60	17.563	2473	2478	2483	rBV6	5300	9409	0.21%	0.016%
61	17.828	2519	2523	2524	rBV3	4189	4700	0.11%	0.008%
62	17.957	2540	2545	2554	rBV2	100191	172894	3.89%	0.297%
63	18.022	2554	2556	2561	rVB4	9115	11782	0.27%	0.020%
64	18.122	2569	2573	2574	rBV4	4880	6781	0.15%	0.012%
65	18.257	2593	2596	2598	rBV4	6745	8648	0.19%	0.015%
66	18.287	2598	2601	2602	rBV3	5583	6021	0.14%	0.010%
67	18.898	2702	2705	2709	rVB6	9025	12144	0.27%	0.021%
68	19.092	2734	2738	2740	rBV3	19743	28413	0.64%	0.049%
69	19.122	2740	2743	2747	rVB	29881	36537	0.82%	0.063%
70	19.251	2761	2765	2770	rBV6	15806	27939	0.63%	0.048%
71	19.345	2777	2781	2786	rVB4	16702	27415	0.62%	0.047%

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72	19.398	2788	2790	2795	rBV6	9947	11967	0.27%	0.021%
73	19.457	2795	2800	2816	rBV	2278146	3244067	73.07%	5.573%
74	20.522	2978	2981	2985	rVB3	34822	35470	0.80%	0.061%
75	20.986	3056	3060	3071	rBV	326356	616853	13.89%	1.060%
76	21.269	3102	3108	3125	rBV	3045701	4439655	100.00%	7.627%
77	21.428	3132	3135	3139	rBV	143537	147308	3.32%	0.253%
78	21.863	3205	3209	3213	rBV	246942	314516	7.08%	0.540%
79	22.322	3283	3287	3292	rBV	348961	441938	9.95%	0.759%
80	22.451	3304	3309	3318	rBV	656498	846519	19.07%	1.454%
81	22.827	3368	3373	3379	rBV	436645	663985	14.96%	1.141%
82	23.357	3457	3463	3478	rBV3	1543625	3492718	78.67%	6.001%
83	23.498	3480	3487	3503	rVB	2254722	4348674	97.95%	7.471%
84	24.033	3572	3578	3586	rVB	398404	739424	16.65%	1.270%
85	24.769	3698	3703	3718	rVB	282228	694060	15.63%	1.192%
86	25.627	3845	3849	3858	rVB2	160461	371962	8.38%	0.639%

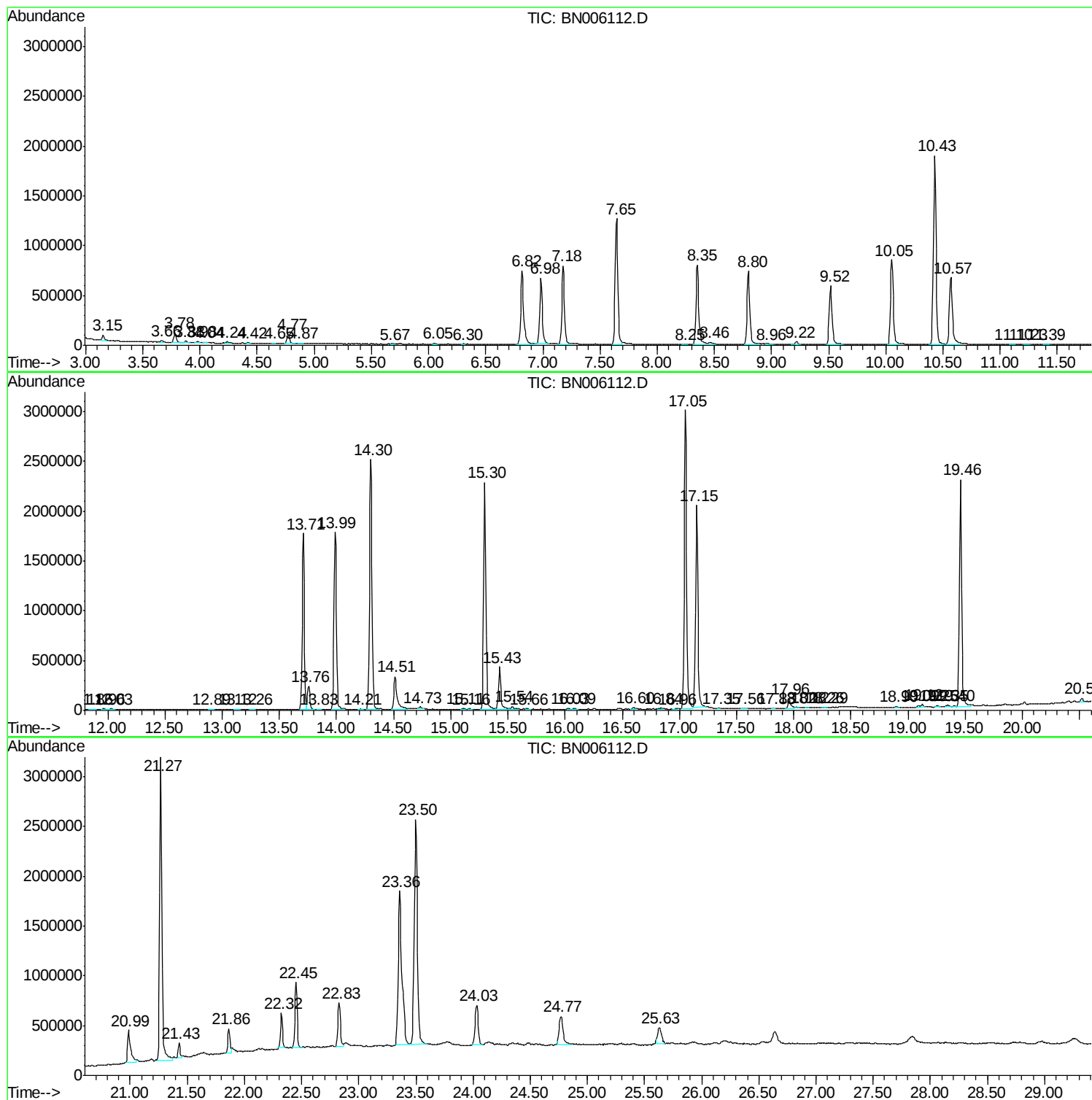
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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



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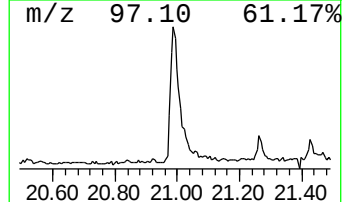
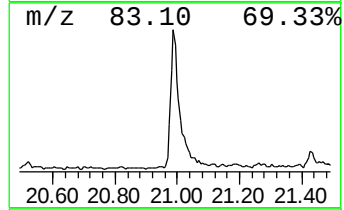
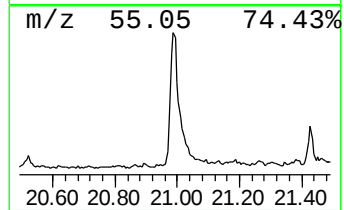
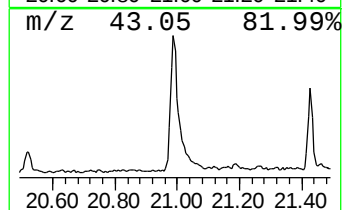
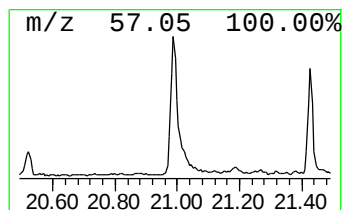
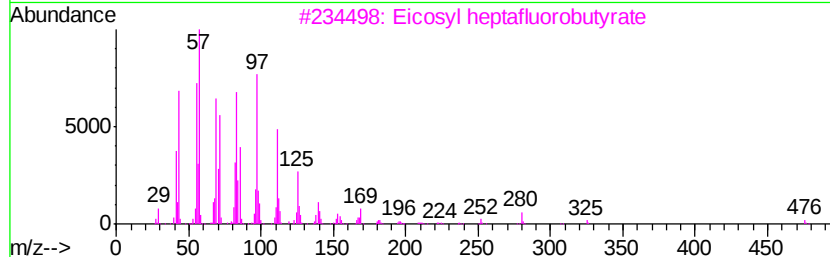
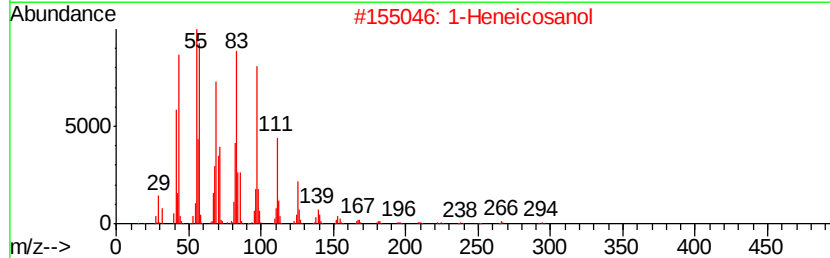
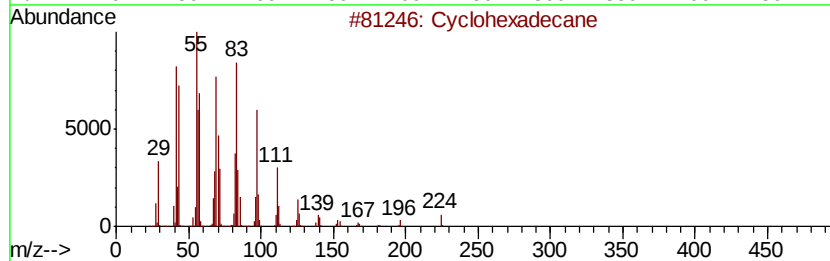
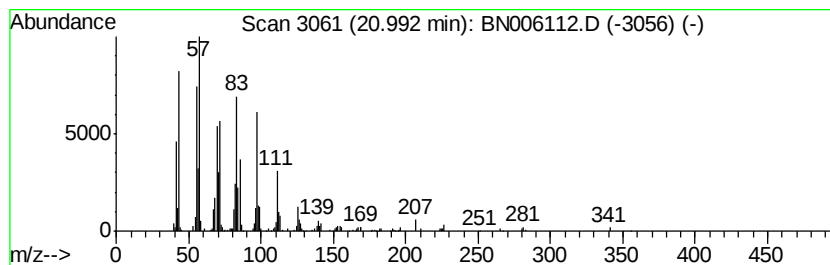
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic20.99 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.78 ng/ul	616853	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Eicosyl heptafluorobutvrate	494	C24H41F7O2	1000351-83-5	91
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91



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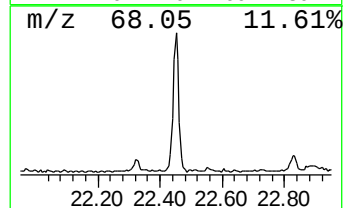
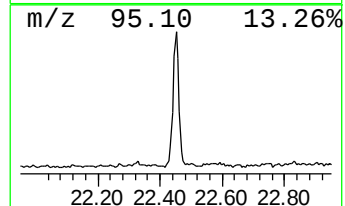
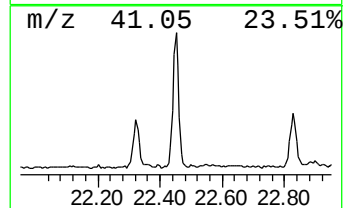
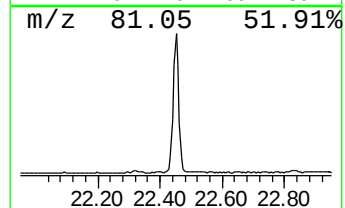
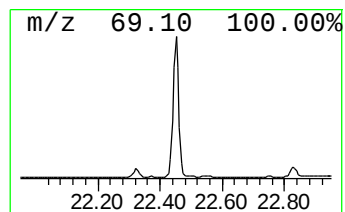
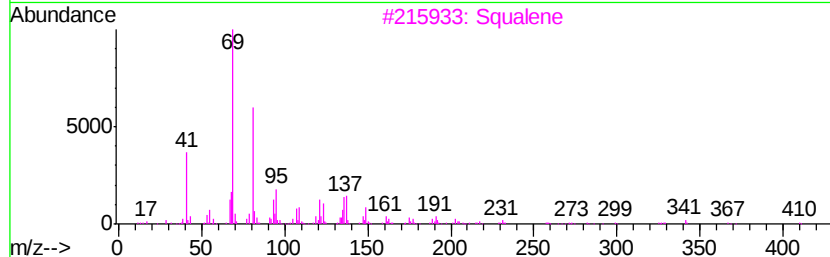
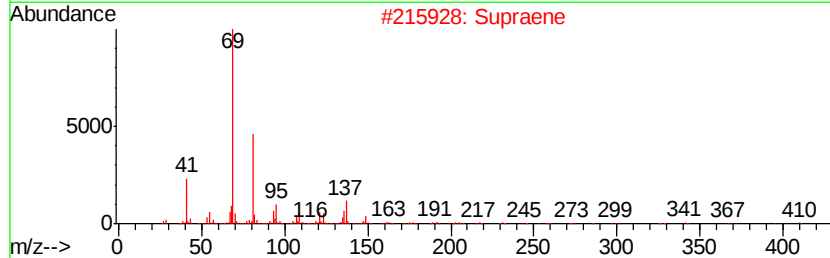
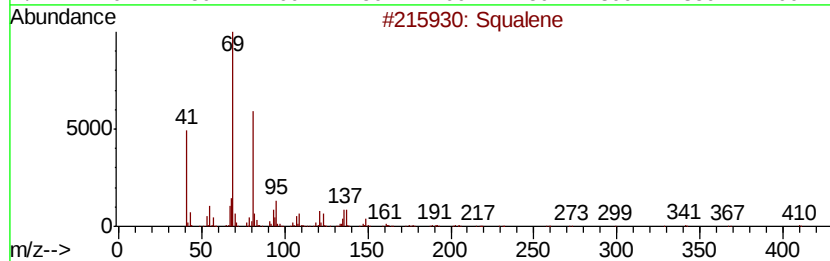
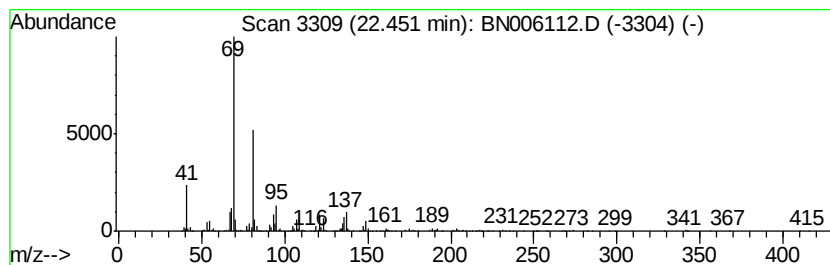
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	3.89 ng/ul	846519	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	91
2		Supraene	410	C30H50	007683-64-9	91
3		Squalene	410	C30H50	000111-02-4	91
4		Squalene	410	C30H50	000111-02-4	91
5		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83



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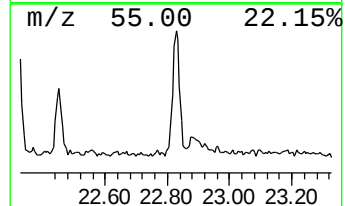
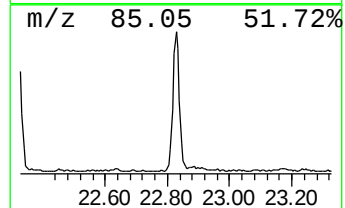
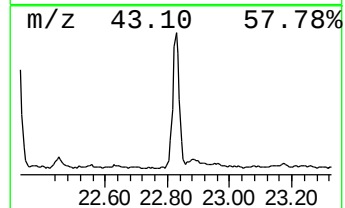
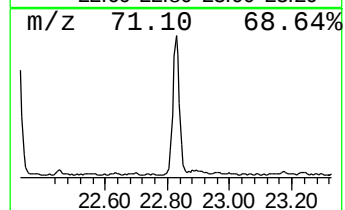
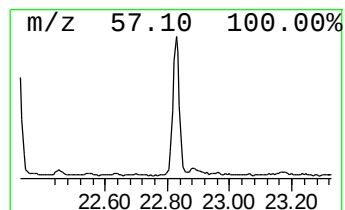
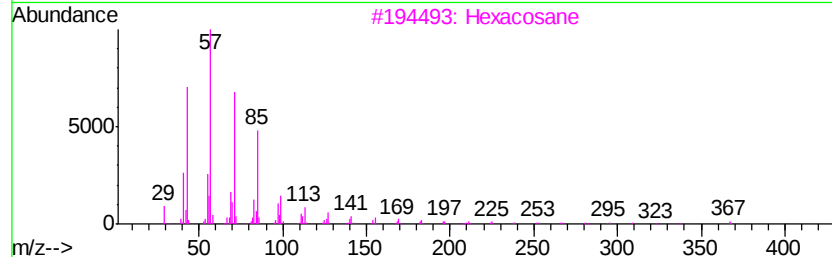
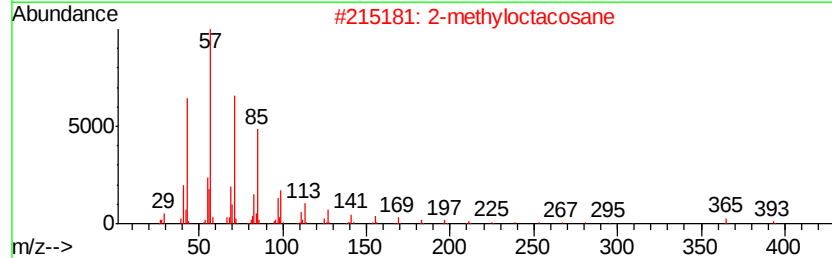
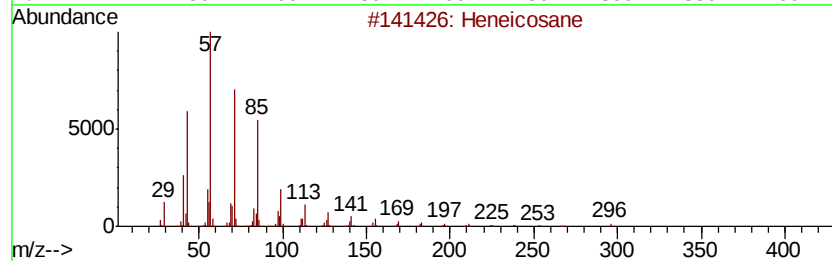
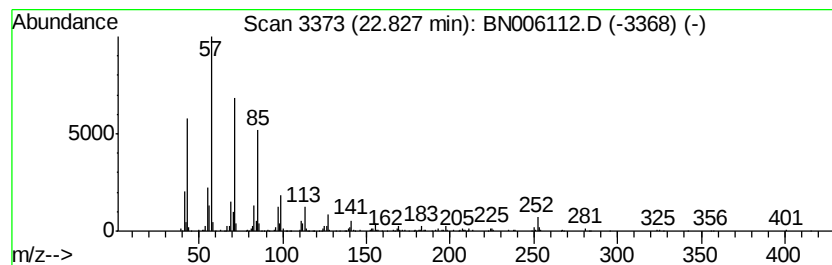
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	3.05 ng/ul	663985	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetracosane	338	C24H50	000646-31-1	87



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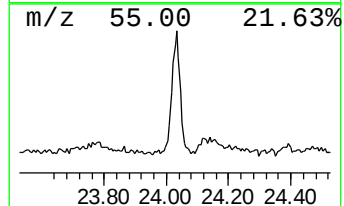
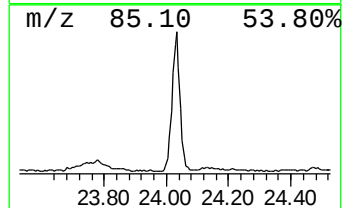
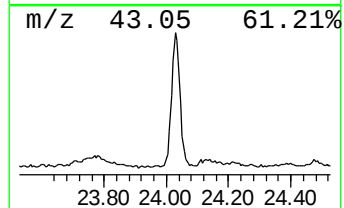
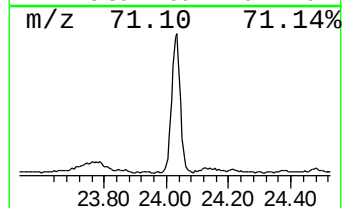
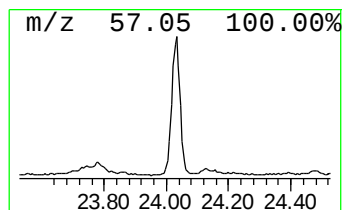
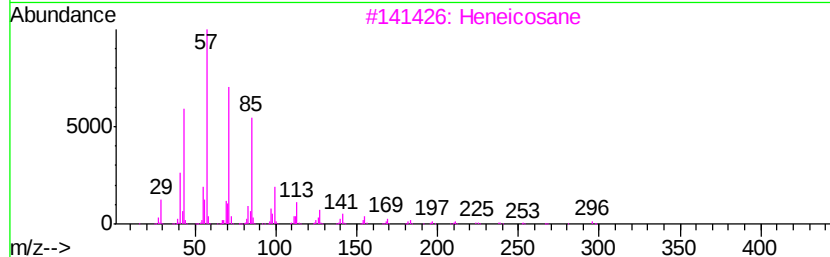
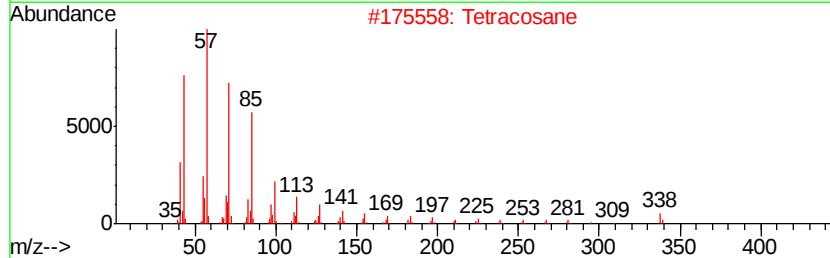
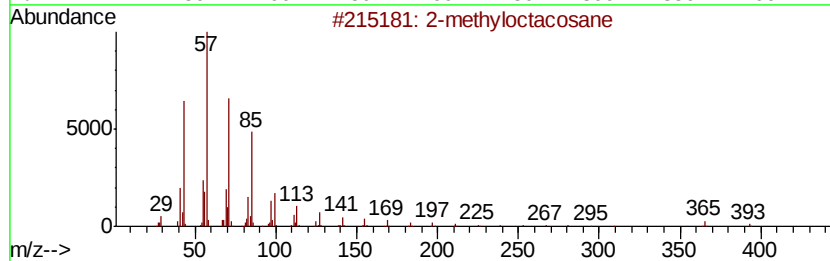
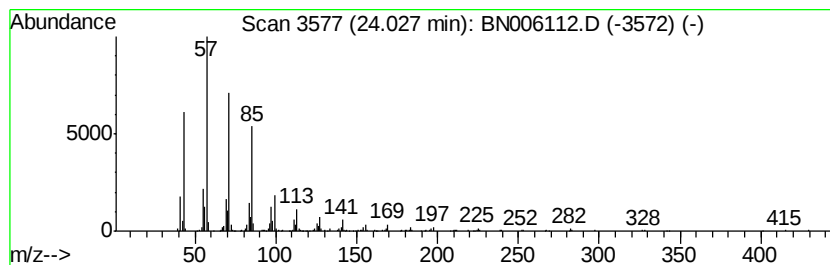
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.40 ng/ul	739424	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Tetracosane	338	C24H50	000646-31-1	87
3		Heneicosane	296	C21H44	000629-94-7	87
4		Docosane	310	C22H46	000629-97-0	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060519\
Data File : BN006112.D
Acq On : 05 Jun 2019 22:32
Operator : JU/SJ
Sample : K3016-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C0

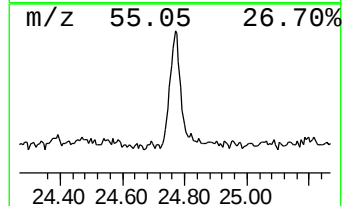
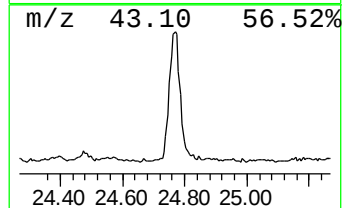
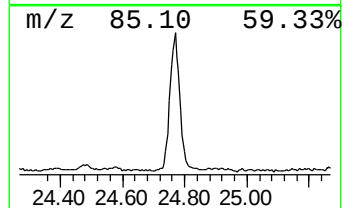
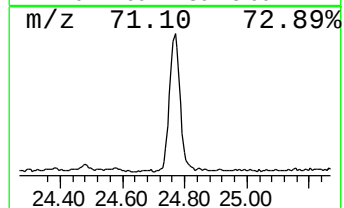
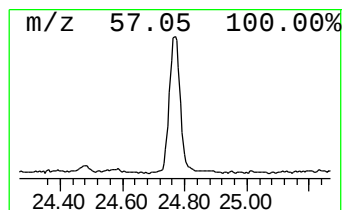
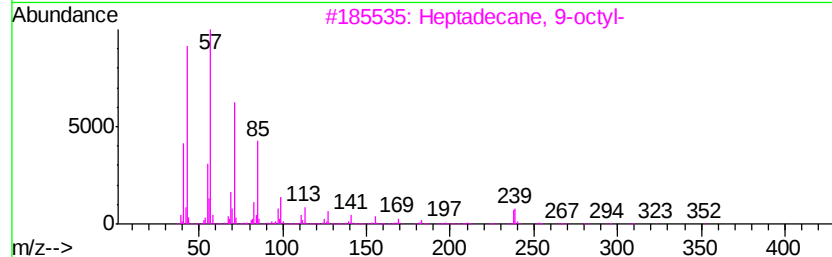
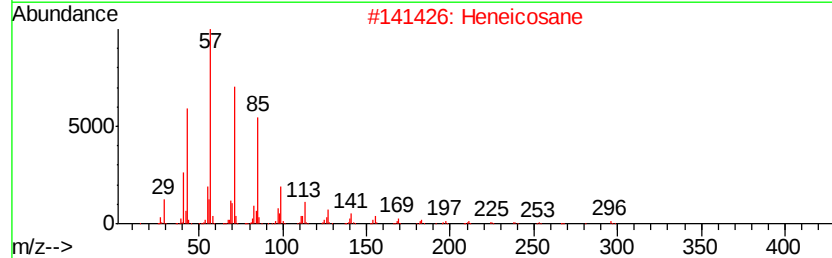
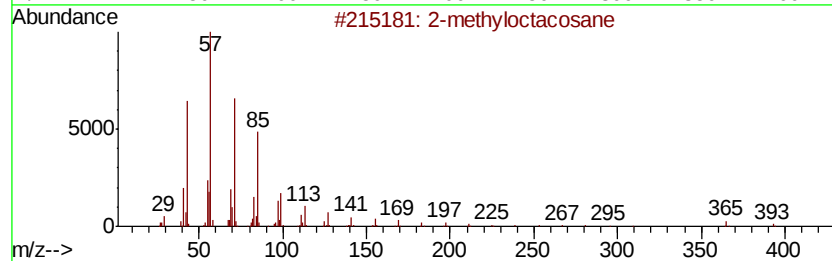
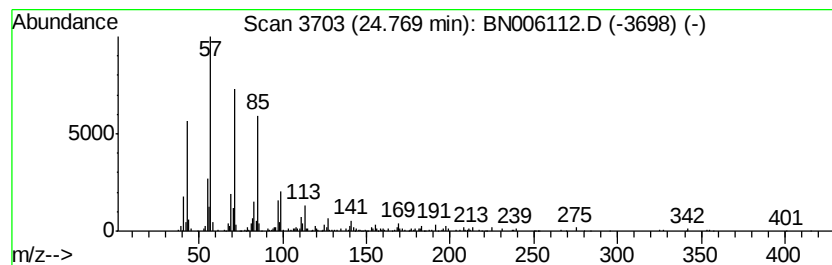
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	3.19 ng/ul	694060	Perylene-d12	23.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-methyloctacosane	408	C29H60	1000376-72-8	90
2		Heneicosane	296	C21H44	000629-94-7	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
5		Hexacosane	366	C26H54	000630-01-3	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060519\
Data File : BN006112.D
Acq On : 05 Jun 2019 22:32
Operator : JU/SJ
Sample : K3016-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51C0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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
(DEL) Alkane: Cyc...	20.99	2.8	ng/ul	616853	5	21.27	4439660	20.0
Squalene	22.45	3.9	ng/ul	846519	6	23.50	4348670	20.0
(DEL) Alkane: Str...	22.83	3.0	ng/ul	663985	6	23.50	4348670	20.0
(DEL) Alkane: Str...	24.03	3.4	ng/ul	739424	6	23.50	4348670	20.0
(DEL) Alkane: Str...	24.77	3.2	ng/ul	694060	6	23.50	4348670	20.0