

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004669.D
 Acq On : 08 Mar 2019 10:06
 Operator : JU/SJ
 Sample : K1626-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF669

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-BN030719MA.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	3.010	3	4	11	rVB	8506	9230	0.73%	0.103%
2	3.228	38	41	45	rVB	6013	7465	0.59%	0.083%
3	3.646	108	112	116	rVB	1946	2346	0.19%	0.026%
4	3.740	125	128	135	rVB	14678	17715	1.40%	0.197%
5	3.810	137	140	144	rVB2	1227	1426	0.11%	0.016%
6	4.163	197	200	203	rVB	3708	4373	0.35%	0.049%
7	4.563	265	268	271	rVB	1569	1586	0.13%	0.018%
8	4.840	311	315	318	rBV	2270	2659	0.21%	0.030%
9	4.946	330	333	337	rBB2	2489	3058	0.24%	0.034%
10	6.887	657	663	672	rBB2	97589	164246	13.00%	1.829%
11	7.063	687	693	702	rBB	71775	108233	8.57%	1.205%
12	7.251	719	725	731	rBB	107398	160361	12.69%	1.785%
13	7.722	799	805	811	rBV	146615	218791	17.32%	2.436%
14	7.769	811	813	817	rVB	1722	1658	0.13%	0.018%
15	8.416	918	923	930	rBB	107007	164534	13.02%	1.832%
16	8.881	996	1002	1009	rBB	97275	150858	11.94%	1.680%
17	9.240	1059	1063	1066	rBB	3993	5163	0.41%	0.057%
18	9.598	1118	1124	1130	rBB	81919	128119	10.14%	1.426%
19	10.128	1207	1214	1220	rBB	137532	219659	17.38%	2.446%
20	10.504	1272	1278	1286	rBB	215715	357732	28.31%	3.983%
21	10.651	1296	1303	1314	rBB	82639	135897	10.76%	1.513%
22	12.010	1530	1534	1538	rBB	3054	4497	0.36%	0.050%
23	12.098	1546	1549	1552	rBB	1449	1797	0.14%	0.020%
24	13.775	1828	1834	1838	rBV	234543	326298	25.82%	3.633%
25	13.816	1838	1841	1846	rVB	29560	36079	2.86%	0.402%
26	14.057	1876	1882	1889	rBB	293674	413428	32.72%	4.603%
27	14.363	1928	1934	1941	rBB2	338124	485888	38.45%	5.410%
28	14.563	1963	1968	1975	rBB	78272	108446	8.58%	1.207%
29	14.728	1993	1996	1998	rBB	1295	1466	0.12%	0.016%
30	15.357	2097	2103	2109	rBB	362778	507641	40.18%	5.652%
31	15.480	2119	2124	2129	rBB	79256	93747	7.42%	1.044%
32	15.592	2141	2143	2146	rBB	2072	2122	0.17%	0.024%
33	16.063	2219	2223	2227	rBV	8891	10351	0.82%	0.115%
34	16.474	2290	2293	2296	rBV	2164	2731	0.22%	0.030%

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35	16.851	2354	2357	2361	rVB	1170	1325	0.10%	0.015%
36	16.898	2362	2365	2368	rBB	1305	1591	0.13%	0.018%
37	17.110	2395	2401	2407	rBV2	390622	555071	43.93%	6.180%
38	17.157	2407	2409	2412	rVV2	2734	3209	0.25%	0.036%
39	17.210	2412	2418	2426	rVB	382656	523361	41.42%	5.827%
40	17.327	2435	2438	2441	rBB	1186	1413	0.11%	0.016%
41	17.392	2446	2449	2453	rBV2	1469	2610	0.21%	0.029%
42	17.480	2457	2464	2467	rBV2	2582	4731	0.37%	0.053%
43	17.592	2473	2483	2487	rBV4	2842	7542	0.60%	0.084%
44	17.633	2487	2490	2493	rBV3	1749	2207	0.17%	0.025%
45	17.669	2493	2496	2497	rBV	1947	1554	0.12%	0.017%
46	17.874	2525	2531	2534	rBV2	6121	12580	1.00%	0.140%
47	17.992	2547	2551	2561	rVV	62085	81535	6.45%	0.908%
48	18.069	2561	2564	2570	rVB2	2756	4719	0.37%	0.053%
49	18.286	2596	2601	2606	rVB3	2449	4351	0.34%	0.048%
50	18.416	2621	2623	2628	rBV	1890	2832	0.22%	0.032%
51	18.498	2633	2637	2640	rVB2	2297	3658	0.29%	0.041%
52	18.592	2648	2653	2656	rBV2	1223	2301	0.18%	0.026%
53	18.751	2676	2680	2685	rBV3	2430	4132	0.33%	0.046%
54	18.798	2685	2688	2691	rBV3	1168	1821	0.14%	0.020%
55	18.839	2691	2695	2703	rBV6	7086	14653	1.16%	0.163%
56	18.904	2703	2706	2707	rBV2	2392	2431	0.19%	0.027%
57	19.016	2721	2725	2726	rBV3	1201	1301	0.10%	0.014%
58	19.174	2739	2752	2754	rBV5	20144	60431	4.78%	0.673%
59	19.280	2757	2770	2772	rBV5	57487	165012	13.06%	1.837%
60	19.316	2775	2776	2778	rVV2	9474	6603	0.52%	0.074%
61	19.515	2804	2810	2815	rVB	360382	513426	40.63%	5.716%
62	20.027	2894	2897	2898	rBV3	4884	4219	0.33%	0.047%
63	20.539	2982	2984	2989	rVB3	9399	10353	0.82%	0.115%
64	21.010	3060	3064	3070	rBV	52876	74622	5.91%	0.831%
65	21.215	3094	3099	3106	rBV	1113262	1263543	100.00%	14.068%
66	21.310	3110	3115	3121	rVB	388143	502409	39.76%	5.594%
67	21.445	3135	3138	3142	rVB2	23768	27964	2.21%	0.311%
68	21.880	3209	3212	3218	rBV2	32139	62718	4.96%	0.698%
69	22.068	3241	3244	3247	rBV2	21212	31394	2.48%	0.350%
70	22.345	3288	3291	3301	rVB	48785	71823	5.68%	0.800%
71	22.851	3374	3377	3387	rVB2	50965	89750	7.10%	0.999%

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72	23.427	3468	3475	3484	rBV2	278560	516521	40.88%	5.751%
73	23.574	3493	3500	3507	rBV2	243915	468181	37.05%	5.213%
74	24.809	3708	3710	3711	rBV2	14561	12146	0.96%	0.135%

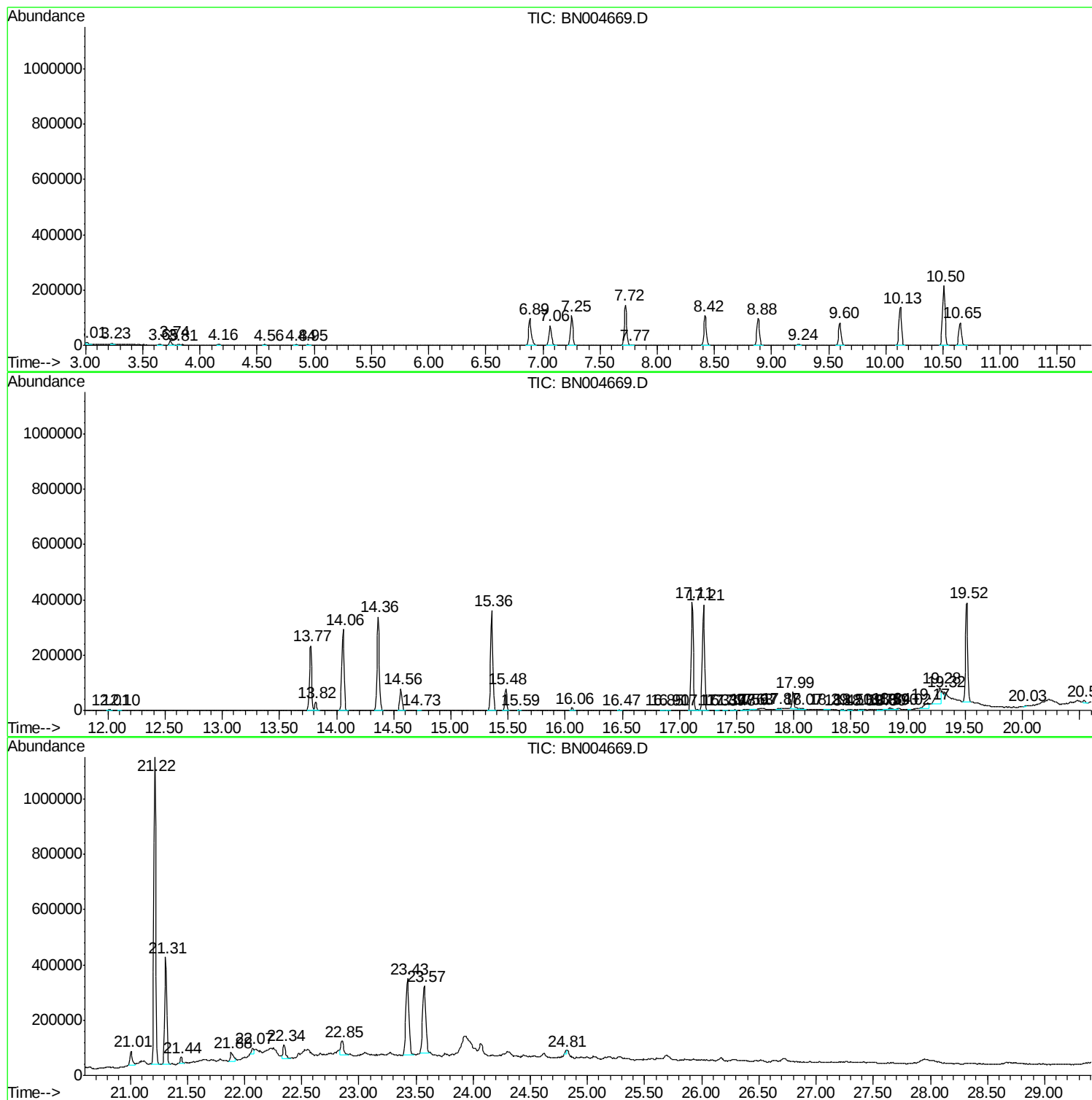
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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



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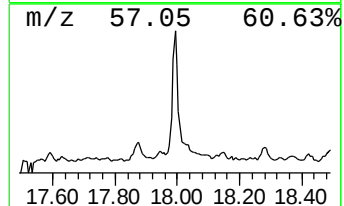
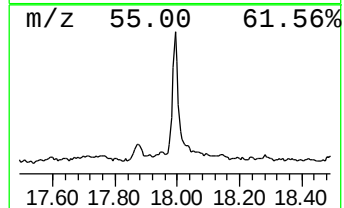
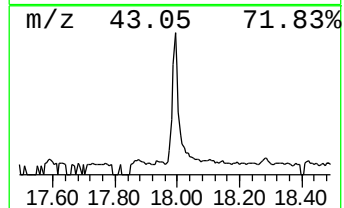
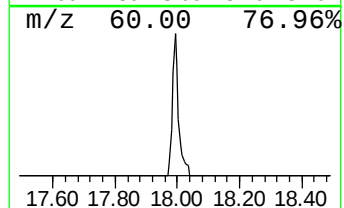
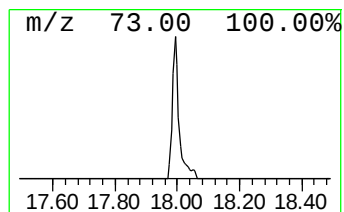
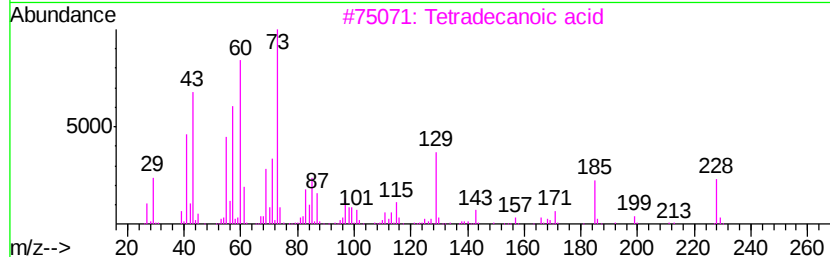
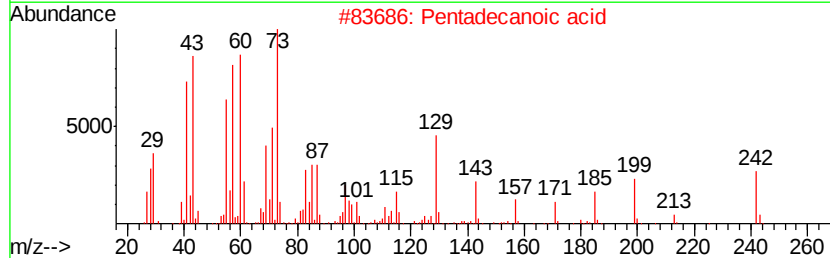
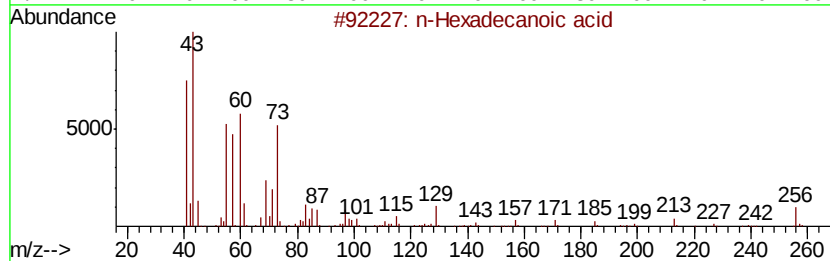
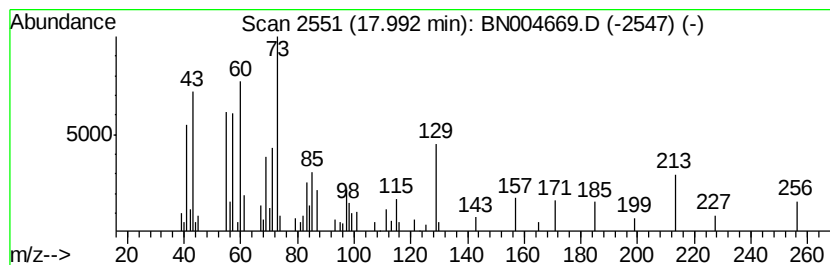
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.94 ng/ul	81535	Phenanthrene-d10	17.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4		n-Decanoic acid	172	C10H20O2	000334-48-5	53
5		n-Decanoic acid	172	C10H20O2	000334-48-5	53



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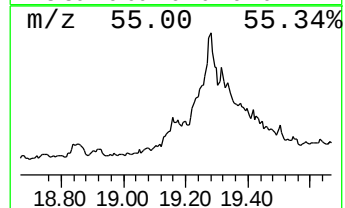
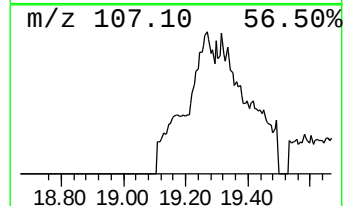
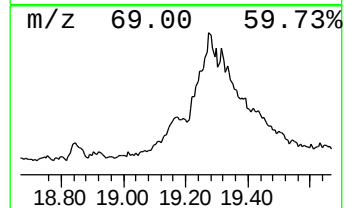
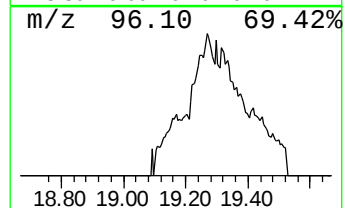
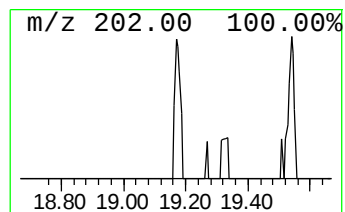
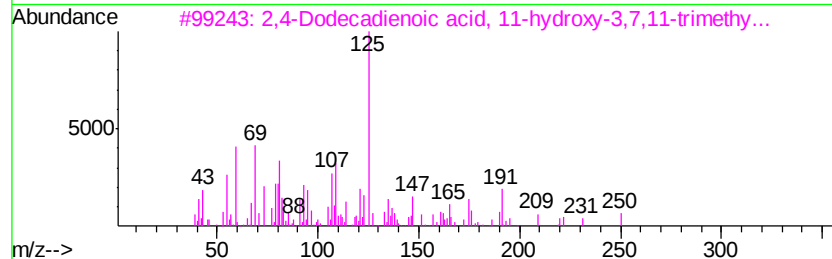
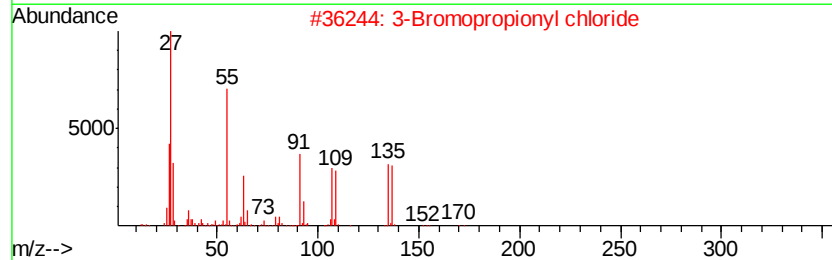
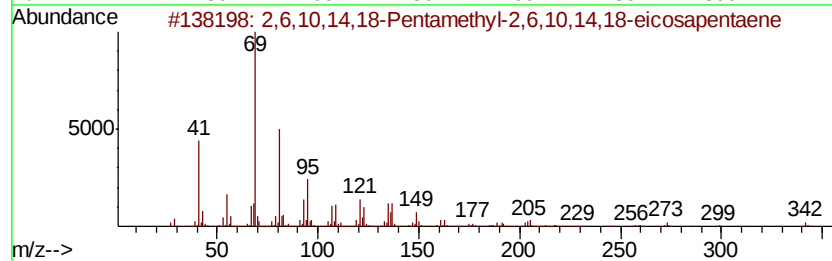
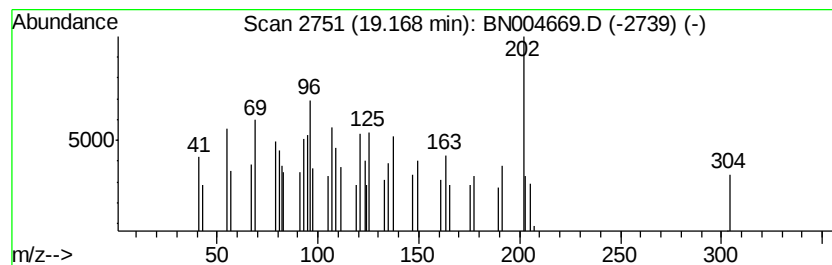
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.18 ng/ul	60431	Phenanthrene-d10	17.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	14		
2	3-Bromopropionyl chloride	170	C3H4BrClO	015486-96-1	10		
3	2,4-Dodecadienoic acid, 11-hydro...	268	C16H28O3	069687-75-8	10		
4	4a-Hydroxy-4-nitroperhydronaphth...	213	C10H15NO4	1000195-29-3	10		
5	Bronopol	199	C3H6BrNO4	000052-51-7	10		



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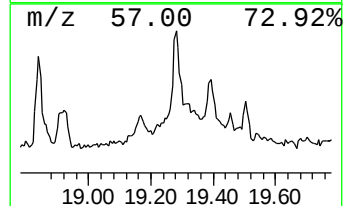
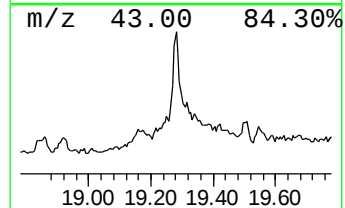
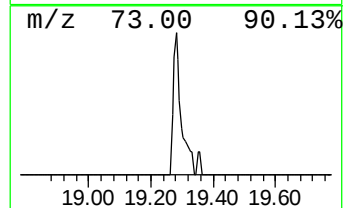
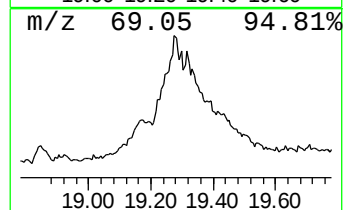
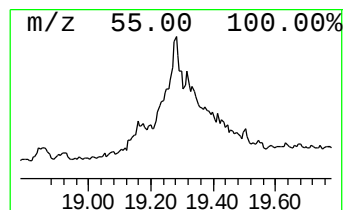
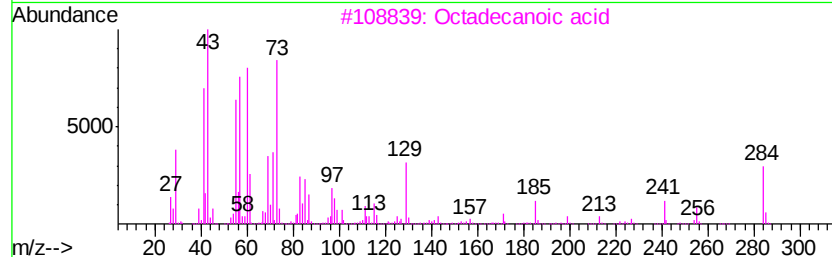
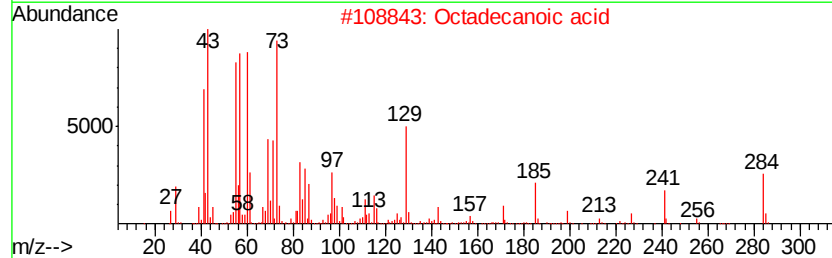
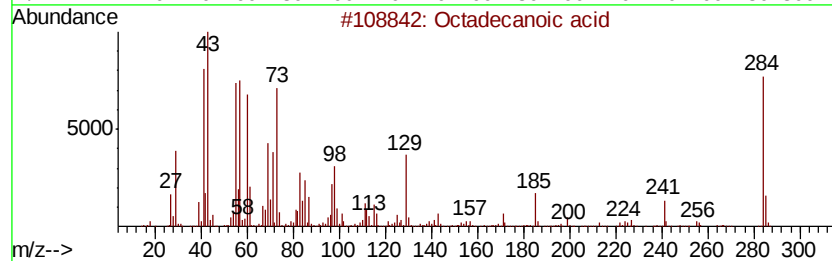
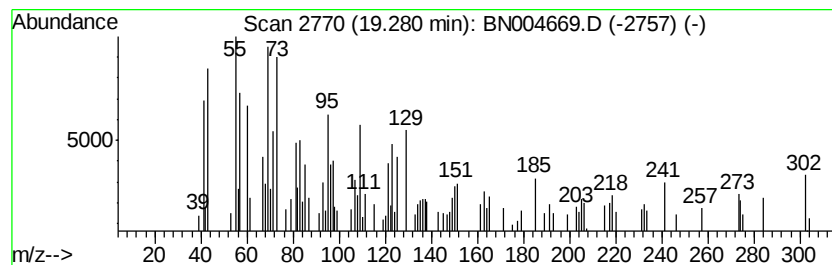
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	6.57 ng/ul	165012	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	66
2		Octadecanoic acid	284	C18H36O2	000057-11-4	55
3		Octadecanoic acid	284	C18H36O2	000057-11-4	25
4		11,12-Dibromo-tetradecan-1-ol ac...	412	C16H30Br2O2	1000130-78-5	18
5		Octadecanoic acid	284	C18H36O2	000057-11-4	15



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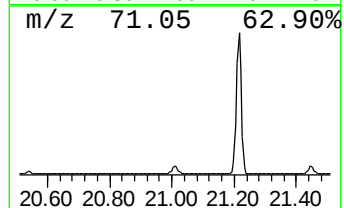
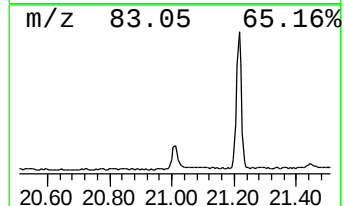
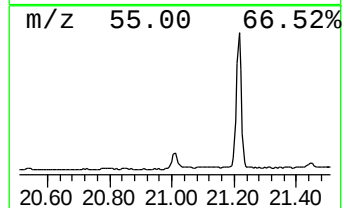
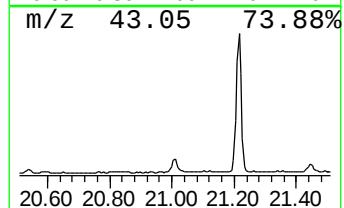
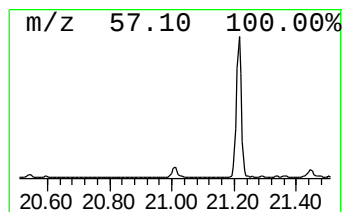
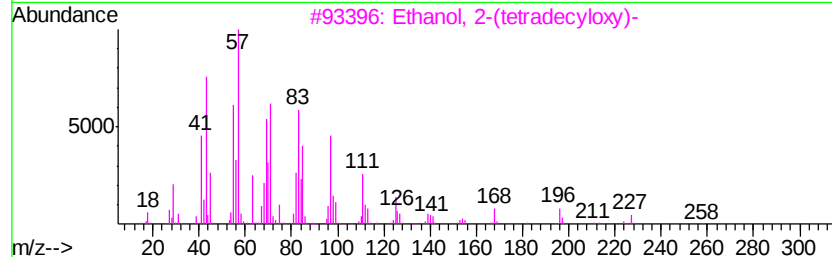
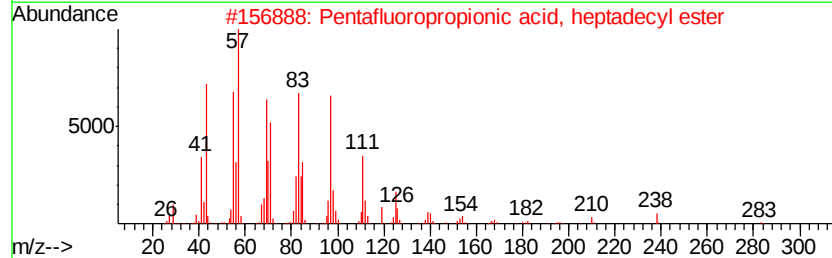
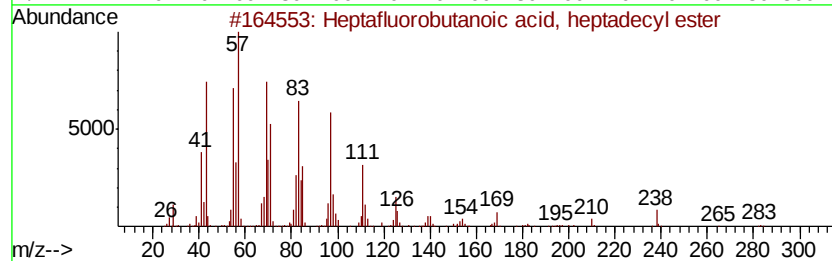
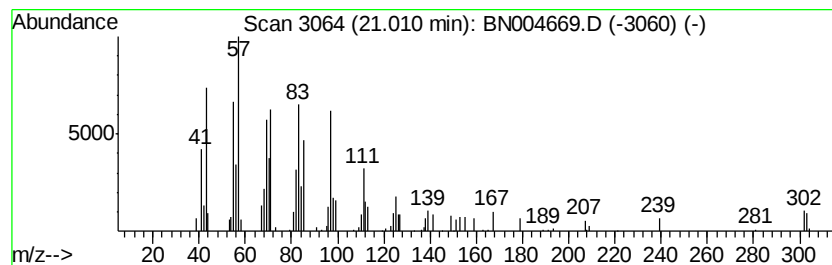
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Heptafluorobutanoic acid, h... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.97 ng/ul	74622	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
3		Ethanol, 2-(tetradecyl)-	258	C16H34O2	002136-70-1	81
4		Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	76
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004669.D
Acq On : 08 Mar 2019 10:06
Operator : JU/SJ
Sample : K1626-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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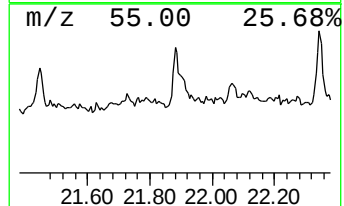
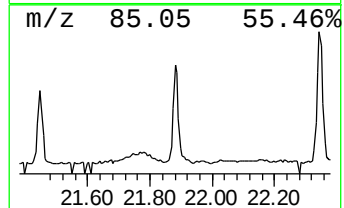
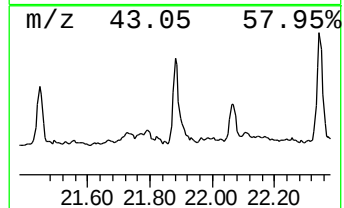
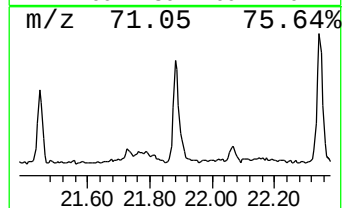
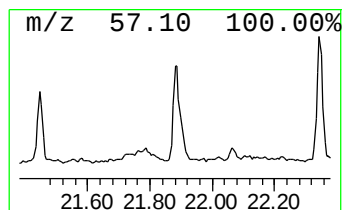
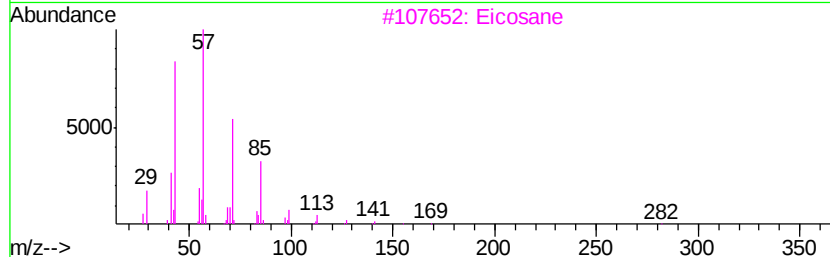
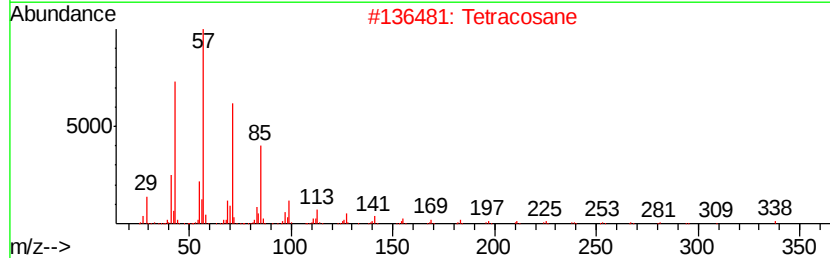
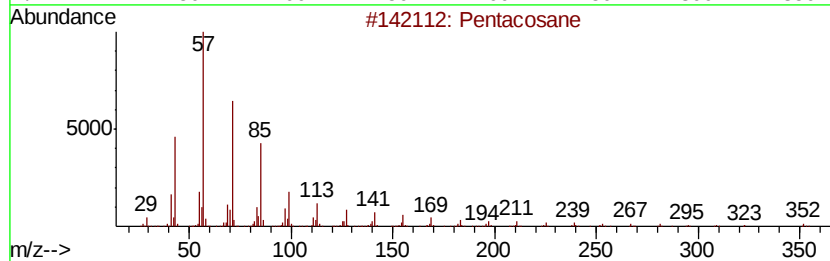
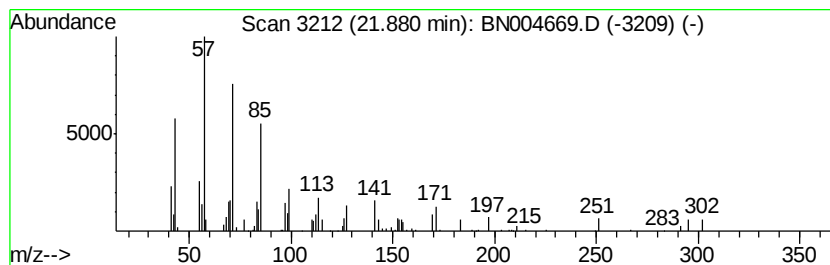
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.50 ng/ul	62718	Chrysene-d12	21.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Tetracosane	338	C24H50	000646-31-1	80
3	Eicosane	282	C20H42	000112-95-8	80
4	Tetracosane	338	C24H50	000646-31-1	80
5	Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004669.D
Acq On : 08 Mar 2019 10:06
Operator : JU/SJ
Sample : K1626-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF669

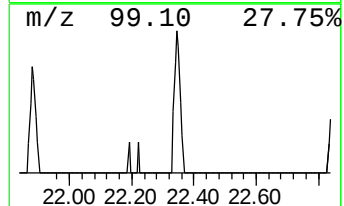
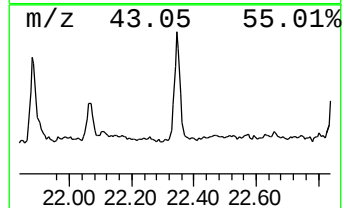
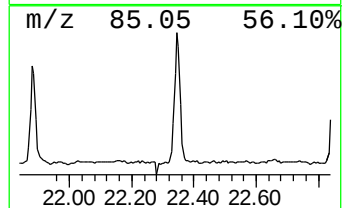
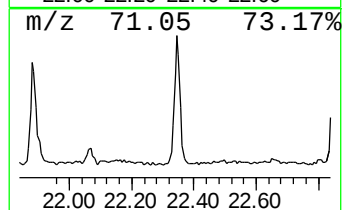
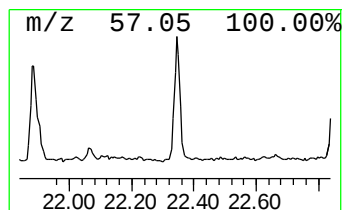
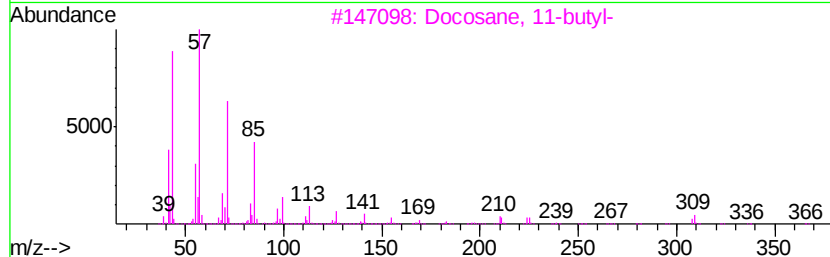
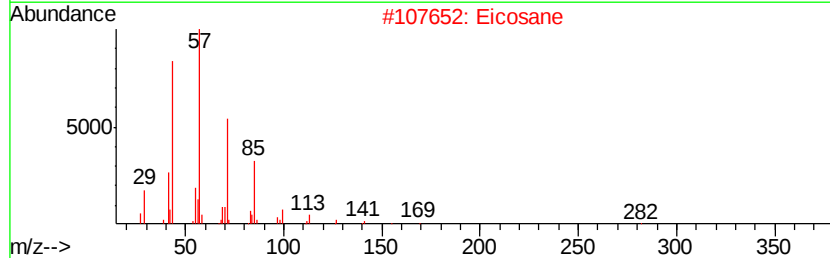
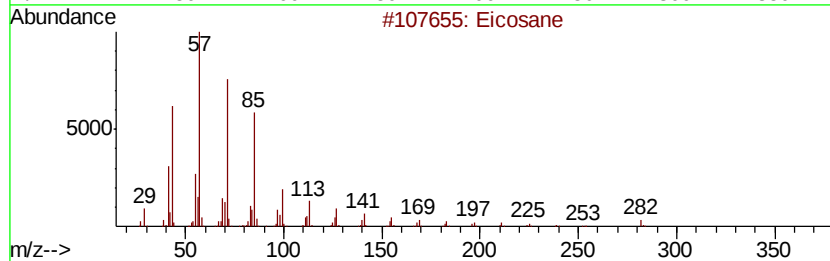
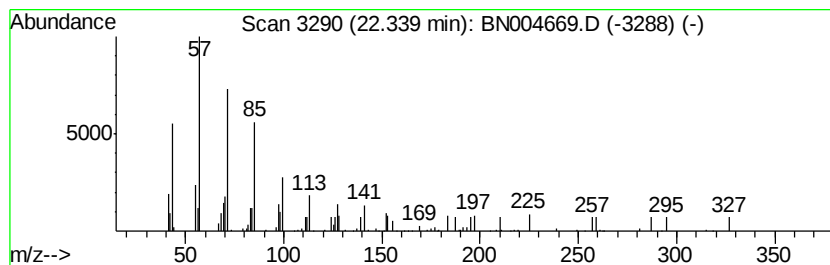
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.34	2.86 ng/ul	71823	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
Data File : BN004669.D
Acq On : 08 Mar 2019 10:06
Operator : JU/SJ
Sample : K1626-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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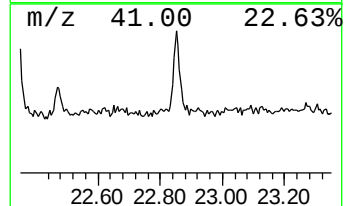
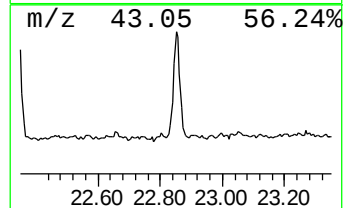
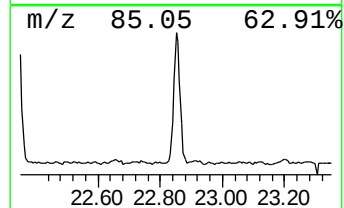
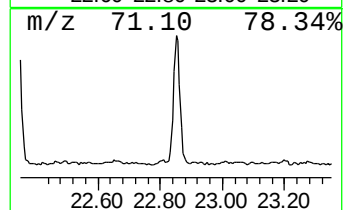
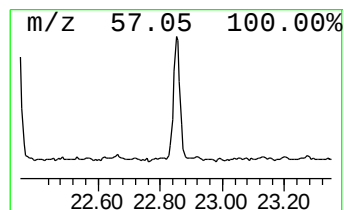
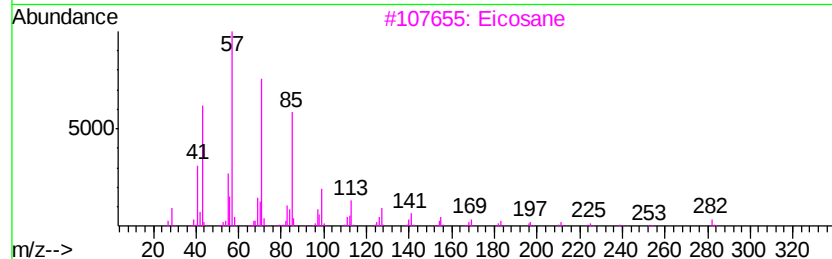
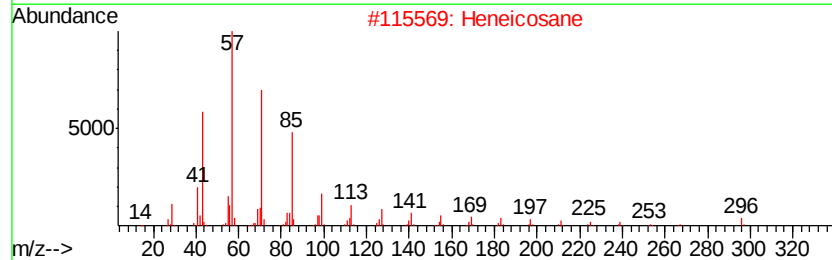
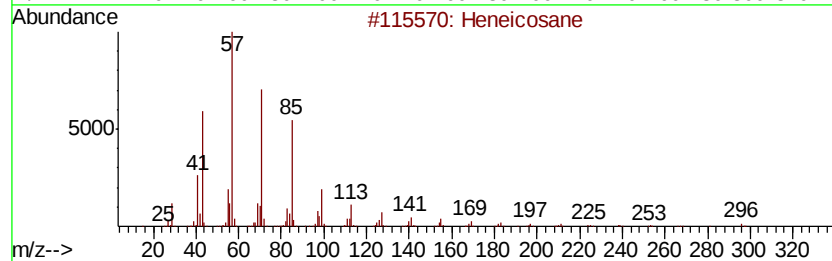
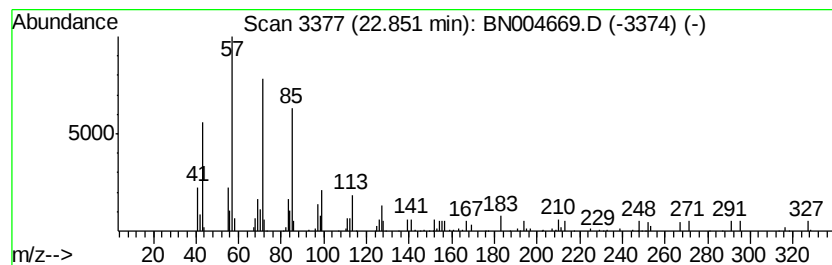
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	3.83 ng/ul	89750	Perylene-d12	23.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	81
2		Heneicosane	296	C21H44	000629-94-7	74
3		Eicosane	282	C20H42	000112-95-8	74
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	74
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004669.D
Acq On : 08 Mar 2019 10:06
Operator : JU/SJ
Sample : K1626-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF669

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.99	2.9	ng/ul	81535	4	17.11	555071	20.0
unknown-01	19.17	2.2	ng/ul	60431	4	17.11	555071	20.0
Octadecanoic acid	19.28	6.6	ng/ul	165012	5	21.31	502409	20.0
Heptafluorobutano...	21.01	3.0	ng/ul	74622	5	21.31	502409	20.0
(DEL) Alkane: Str...	21.88	2.5	ng/ul	62718	5	21.31	502409	20.0
(DEL) Alkane: Str...	22.34	2.9	ng/ul	71823	5	21.31	502409	20.0
(DEL) Alkane: Str...	22.85	3.8	ng/ul	89750	6	23.57	468181	20.0