

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
 Data File : BN000469.D
 Acq On : 20 Mar 2018 00:25
 Operator : JU/SJ
 Sample : J1933-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEC4

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.590	22	26	33	rVB	71915	97614	2.06%	0.150%
2	3.896	74	78	84	rBV2	20136	34768	0.73%	0.054%
3	4.419	162	167	174	rVB	61204	86160	1.82%	0.133%
4	5.749	389	393	401	rBV	9833	18488	0.39%	0.028%
5	6.425	503	508	515	rBV	51080	80135	1.69%	0.123%
6	6.572	523	533	542	rVB5	7354	19721	0.42%	0.030%
7	7.360	659	667	675	rBV2	15647	33312	0.70%	0.051%
8	7.484	683	688	692	rBV	11482	17340	0.37%	0.027%
9	7.549	692	699	716	rVV2	1059186	2008573	42.35%	3.092%
10	7.725	720	729	740	rVV	977275	1550757	32.70%	2.387%
11	7.819	741	745	756	rVV4	7710	24233	0.51%	0.037%
12	7.937	758	765	774	rBV	1110660	1844919	38.90%	2.840%
13	8.419	840	847	857	rBV	967400	1561404	32.92%	2.404%
14	9.119	959	966	978	rBV	1282987	2149869	45.33%	3.310%
15	9.602	1039	1048	1056	rBV	1056892	1779343	37.52%	2.739%
16	9.678	1056	1061	1068	rVV	43116	77392	1.63%	0.119%
17	9.954	1102	1108	1114	rBV	58365	85634	1.81%	0.132%
18	10.331	1164	1172	1182	rBV	830186	1451325	30.60%	2.234%
19	10.866	1256	1263	1273	rBV	1279783	2211922	46.64%	3.405%
20	11.260	1321	1330	1343	rBV	1268891	2213571	46.68%	3.408%
21	11.384	1343	1351	1363	rBV	932956	1608465	33.92%	2.476%
22	12.437	1526	1530	1535	rVB	33234	44881	0.95%	0.069%
23	12.690	1569	1573	1579	rBV2	12459	18560	0.39%	0.029%
24	12.819	1587	1595	1599	rVB	23358	35235	0.74%	0.054%
25	13.401	1688	1694	1701	rBV5	8122	19318	0.41%	0.030%
26	13.631	1729	1733	1739	rVB3	13026	19703	0.42%	0.030%
27	13.831	1761	1767	1774	rBV	56633	79706	1.68%	0.123%
28	13.901	1774	1779	1786	rBV4	12728	23555	0.50%	0.036%
29	14.425	1859	1868	1872	rVV	2133262	2992803	63.11%	4.607%
30	14.472	1872	1876	1882	rVV	690446	943622	19.90%	1.453%
31	14.519	1882	1884	1892	rVB2	19602	29550	0.62%	0.045%
32	14.595	1892	1897	1902	rBV2	14445	20572	0.43%	0.032%
33	14.678	1902	1911	1914	rBV7	11610	32718	0.69%	0.050%
34	14.737	1914	1921	1929	rVV	2609988	3872422	81.65%	5.962%

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Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Title : SVOA CALIBRATION

35	14.889	1942	1947	1952	rBV	178771	219732	4.63%	0.338%
36	14.966	1956	1960	1964	rBV3	12517	23845	0.50%	0.037%
37	15.037	1965	1972	1981	rVB2	1643597	2599707	54.82%	4.002%
38	15.207	1995	2001	2014	rVV	891476	1387465	29.26%	2.136%
39	15.331	2018	2022	2023	rVV2	19699	26685	0.56%	0.041%
40	15.384	2027	2031	2038	rVV4	25800	50794	1.07%	0.078%
41	15.442	2038	2041	2045	rVV	18353	24898	0.53%	0.038%
42	15.501	2046	2051	2059	rVV2	38844	71217	1.50%	0.110%
43	15.572	2059	2063	2070	rVB2	20645	31019	0.65%	0.048%
44	15.789	2094	2100	2103	rBV	81463	113421	2.39%	0.175%
45	15.831	2103	2107	2113	rVB2	221981	297816	6.28%	0.458%
46	15.889	2113	2117	2121	rBV5	12665	22299	0.47%	0.034%
47	15.936	2121	2125	2132	rVB7	10781	22746	0.48%	0.035%
48	16.019	2132	2139	2146	rBV	3003501	4415148	93.10%	6.797%
49	16.131	2152	2158	2166	rBV	830720	1161661	24.50%	1.788%
50	16.236	2169	2176	2188	rVB3	55459	164186	3.46%	0.253%
51	16.331	2188	2192	2197	rVB5	18241	25430	0.54%	0.039%
52	16.384	2197	2201	2204	rBV2	23998	32815	0.69%	0.051%
53	16.454	2209	2213	2220	rVB2	26327	36429	0.77%	0.056%
54	16.642	2239	2245	2247	rBV4	21538	33920	0.72%	0.052%
55	16.683	2247	2252	2262	rVB	174737	307731	6.49%	0.474%
56	16.872	2282	2284	2290	rVB2	15363	21004	0.44%	0.032%
57	16.972	2295	2301	2306	rBV	64977	92688	1.95%	0.143%
58	17.031	2307	2311	2317	rVV4	17555	35772	0.75%	0.055%
59	17.089	2317	2321	2323	rVV2	16081	17888	0.38%	0.028%
60	17.125	2323	2327	2335	rVB2	37525	68686	1.45%	0.106%
61	17.189	2335	2338	2345	rBV3	23447	33378	0.70%	0.051%
62	17.354	2363	2366	2370	rVB3	11100	15910	0.34%	0.024%
63	17.472	2381	2386	2391	rBV	119409	150271	3.17%	0.231%
64	17.525	2391	2395	2407	rVB2	37516	83113	1.75%	0.128%
65	17.631	2407	2413	2418	rBV5	15298	28368	0.60%	0.044%
66	17.766	2426	2436	2446	rBV2	1864299	2759123	58.18%	4.248%
67	17.860	2446	2452	2463	rVB2	3016903	4499016	94.87%	6.926%
68	17.942	2463	2466	2473	rVB6	10890	19929	0.42%	0.031%
69	18.007	2473	2477	2483	rBV5	13744	23232	0.49%	0.036%
70	18.125	2487	2497	2502	rBV7	16951	50612	1.07%	0.078%
71	18.207	2507	2511	2515	rVB	72019	85929	1.81%	0.132%

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Title : SVOA CALIBRATION

72	18.378	2536	2540	2547	rVB	56436	70546	1.49%	0.109%
73	18.478	2553	2557	2560	rBV4	21379	33954	0.72%	0.052%
74	18.601	2573	2578	2589	rBV	507270	769890	16.23%	1.185%
75	18.813	2610	2614	2619	rVB6	10799	23286	0.49%	0.036%
76	18.883	2622	2626	2630	rBV	52187	64210	1.35%	0.099%
77	18.925	2630	2633	2638	rVB2	21862	27379	0.58%	0.042%
78	19.360	2704	2707	2711	rVB2	23498	27602	0.58%	0.042%
79	19.501	2728	2731	2733	rBV2	41103	49001	1.03%	0.075%
80	19.530	2733	2736	2740	rVB	60867	65960	1.39%	0.102%
81	19.713	2764	2767	2769	rBV3	36409	52224	1.10%	0.080%
82	19.754	2769	2774	2779	rVB2	58914	124782	2.63%	0.192%
83	19.848	2786	2790	2801	rBV	131402	231963	4.89%	0.357%
84	20.007	2814	2817	2823	rVB	44804	54075	1.14%	0.083%
85	20.072	2825	2828	2830	rVV	24333	29124	0.61%	0.045%
86	20.119	2830	2836	2844	rVB2	3452201	4742422	100.00%	7.301%
87	20.942	2972	2976	2977	rBV3	28301	36584	0.77%	0.056%
88	20.960	2977	2979	2980	rBV2	25287	21599	0.46%	0.033%
89	21.083	2997	3000	3003	rBV	35610	40413	0.85%	0.062%
90	21.119	3004	3006	3010	rVB3	33352	36062	0.76%	0.056%
91	21.548	3075	3079	3093	rVB	235792	468292	9.87%	0.721%
92	21.889	3131	3137	3143	rBV	2026278	2687934	56.68%	4.138%
93	22.466	3232	3235	3239	rVB	73971	80001	1.69%	0.123%
94	22.977	3319	3322	3328	rVB3	85669	116781	2.46%	0.180%
95	23.118	3342	3346	3353	rVB	466516	682899	14.40%	1.051%
96	23.536	3413	3417	3424	rVB2	142316	234346	4.94%	0.361%
97	24.218	3520	3533	3542	rBV2	2126051	4726295	99.66%	7.276%
98	24.371	3552	3559	3571	rVB2	1258045	2630044	55.46%	4.049%
99	24.901	3644	3649	3659	rVB2	166540	348310	7.34%	0.536%
100	25.742	3787	3792	3800	rVB	151476	337807	7.12%	0.520%

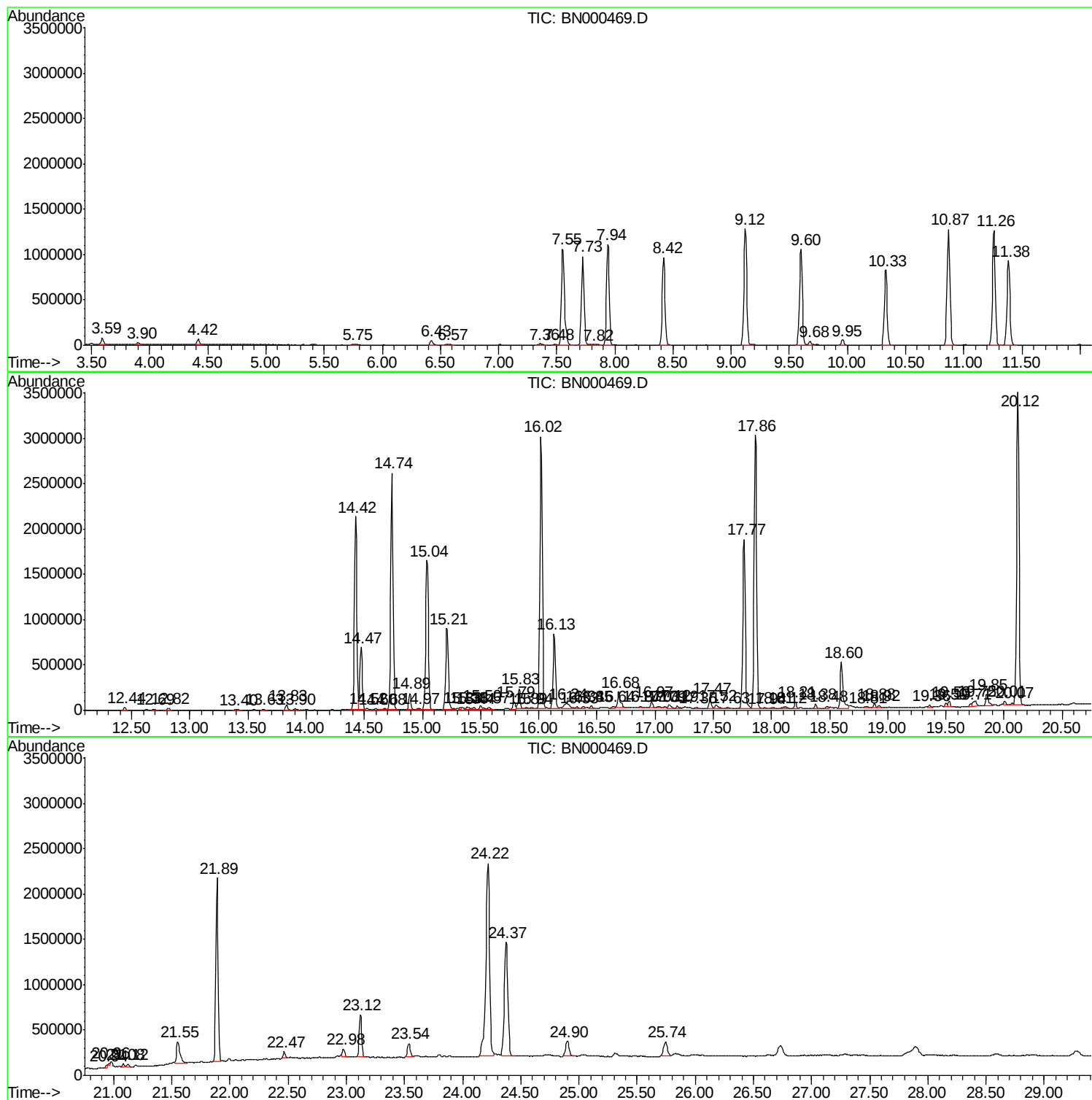
Sum of corrected areas: 64955258

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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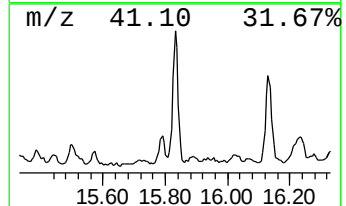
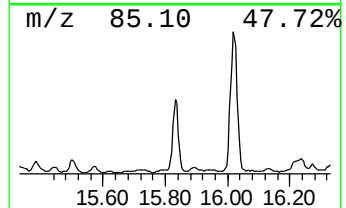
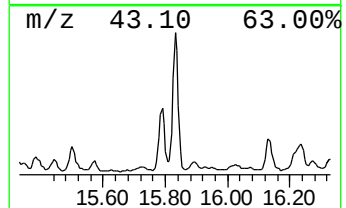
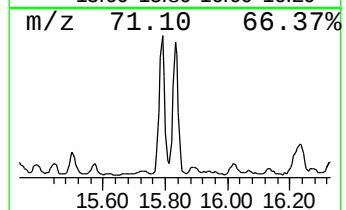
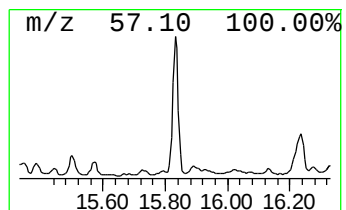
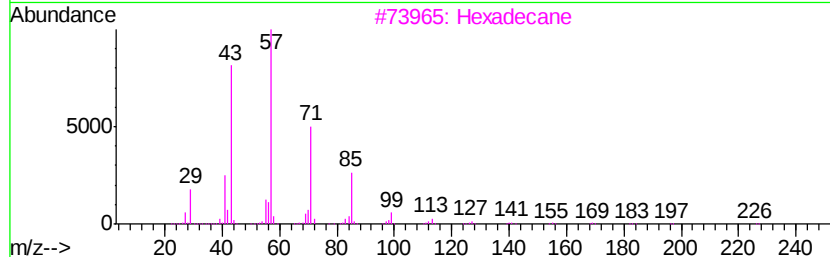
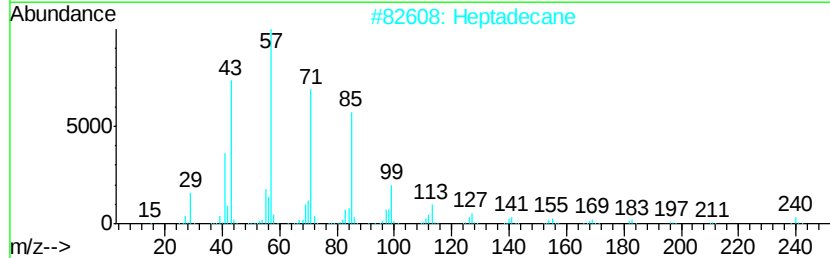
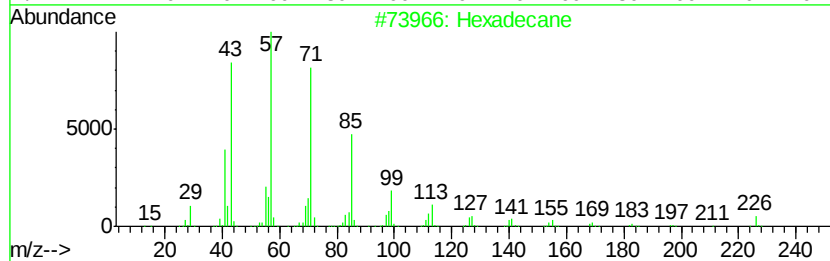
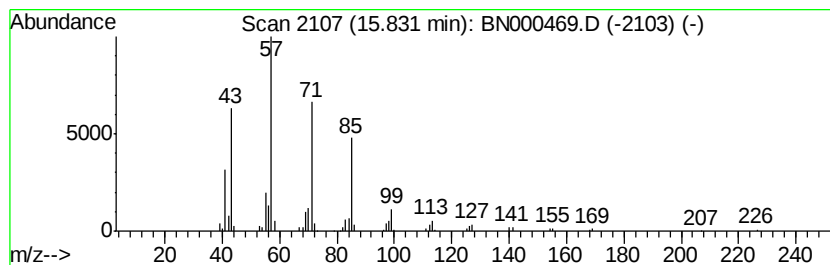
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	2.29 ng/ul	297816	Acenaphthene-d10	15.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
5		Tetradecane	198	C14H30	000629-59-4	87



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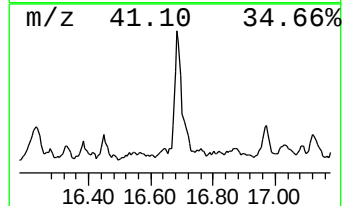
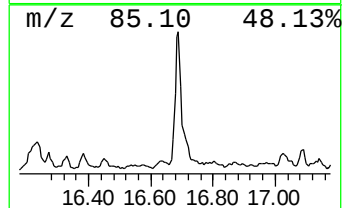
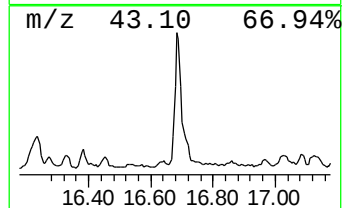
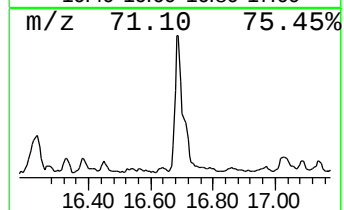
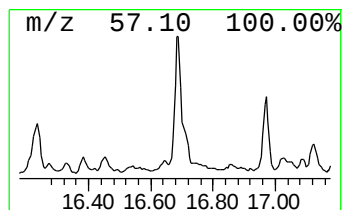
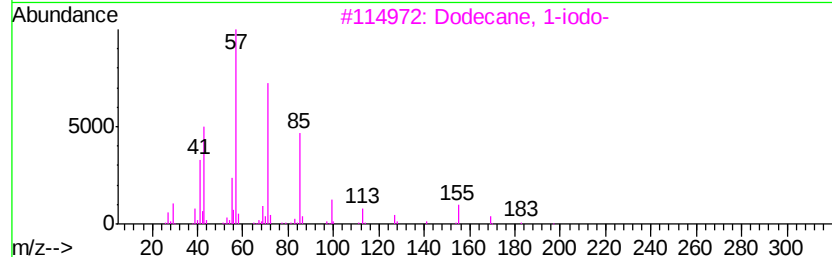
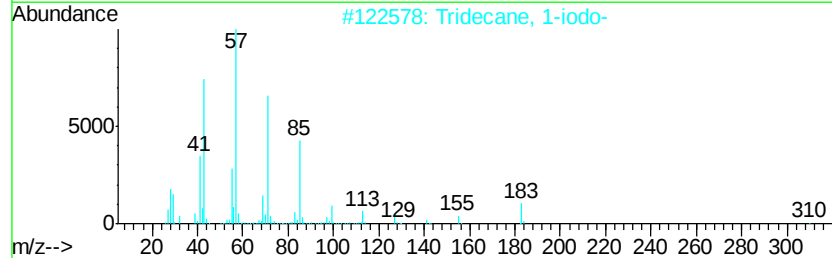
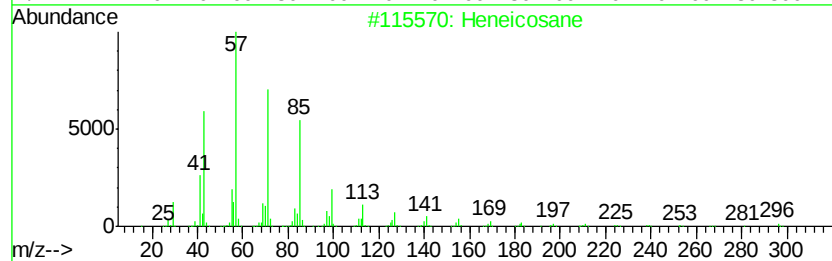
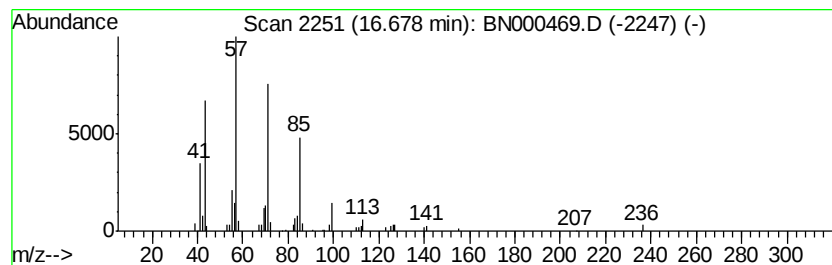
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.68	2.23 ng/ul	307731	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4			Eicosane	282	C20H42	000112-95-8	83
5			Pentadecane	212	C15H32	000629-62-9	80



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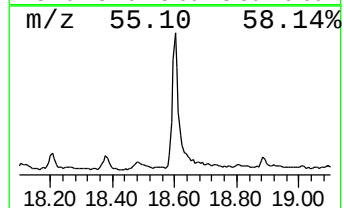
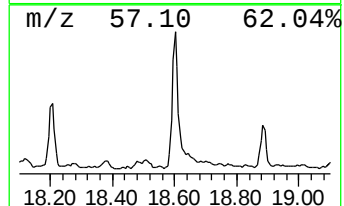
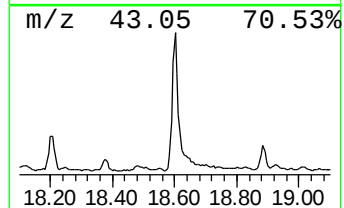
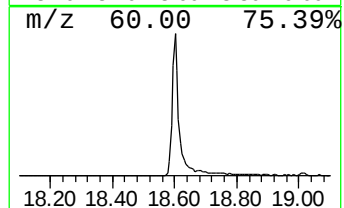
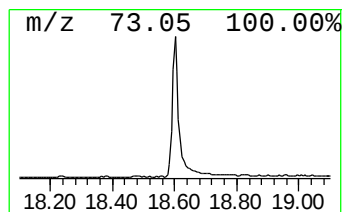
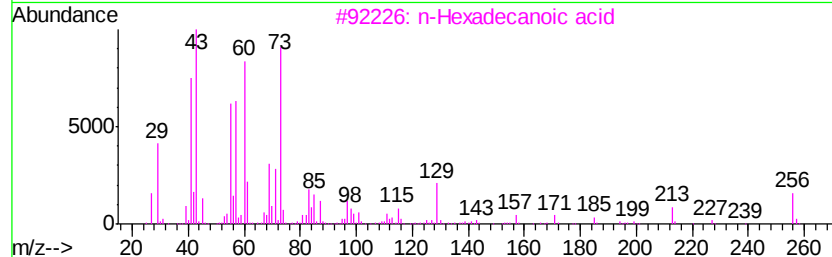
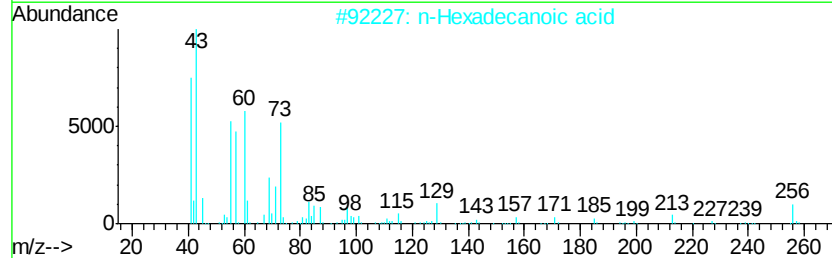
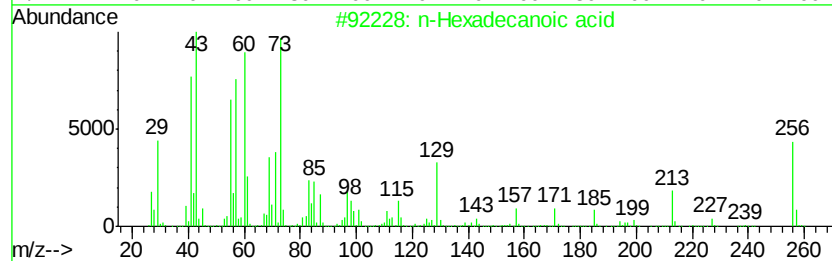
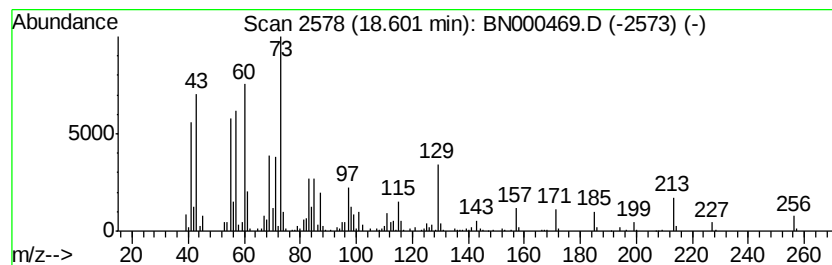
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	5.58 ng/ul	769890	Phenanthrene-d10	17.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Tridecane	184	C13H28	000629-50-5	11



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Data File : BN000469.D
Acq On : 20 Mar 2018 00:25
Operator : JU/SJ
Sample : J1933-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEC4

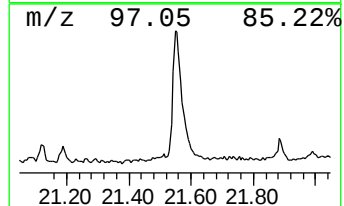
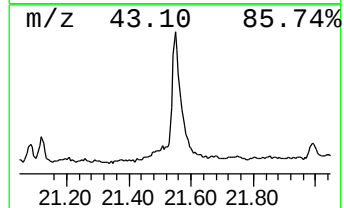
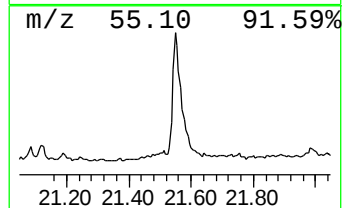
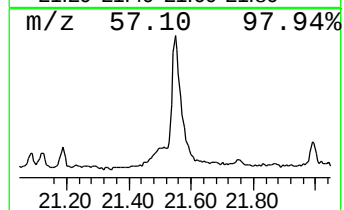
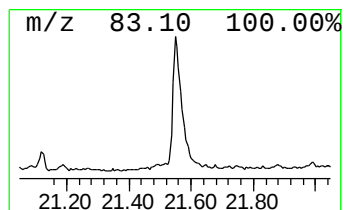
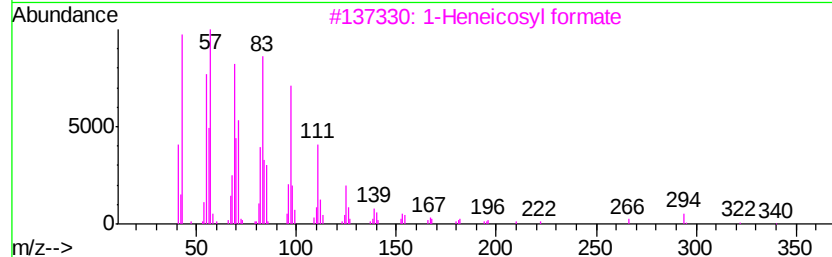
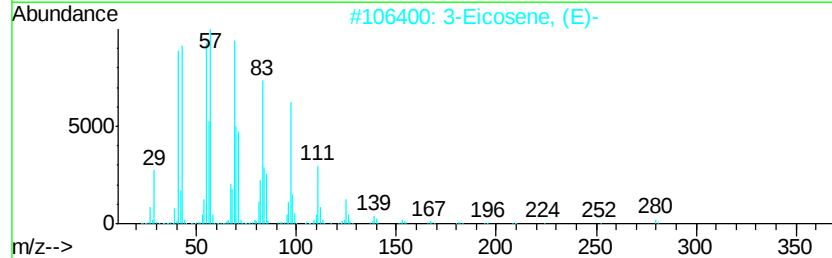
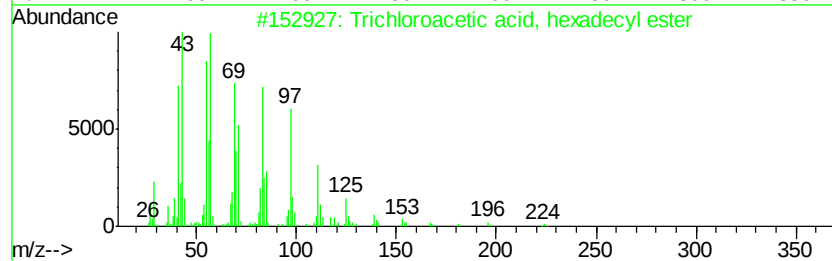
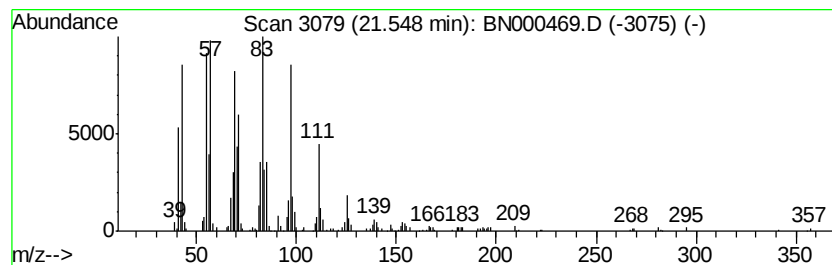
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Trichloroacetic acid, hexad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.55	3.48 ng/ul	468292	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4		Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	90
5		Cyclohexadecane	224	C16H32	000295-65-8	90



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Instrument :
BNA_N
ClientSampleId :
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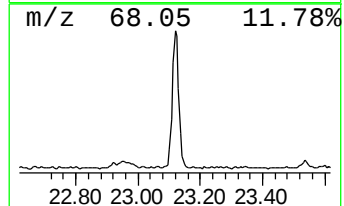
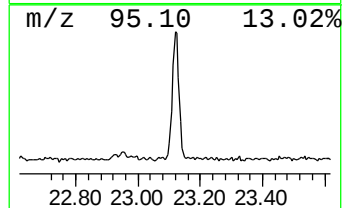
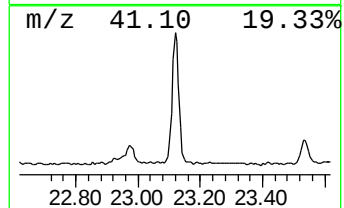
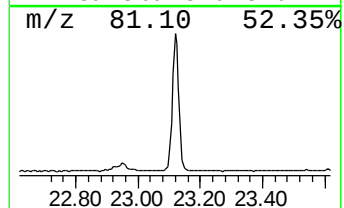
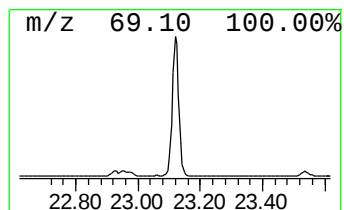
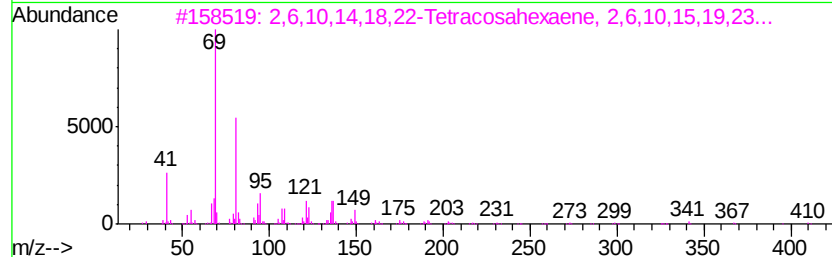
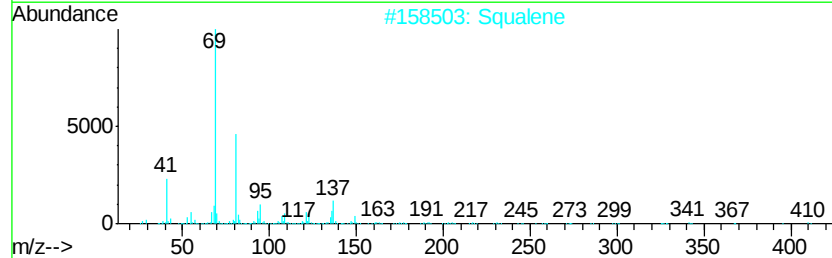
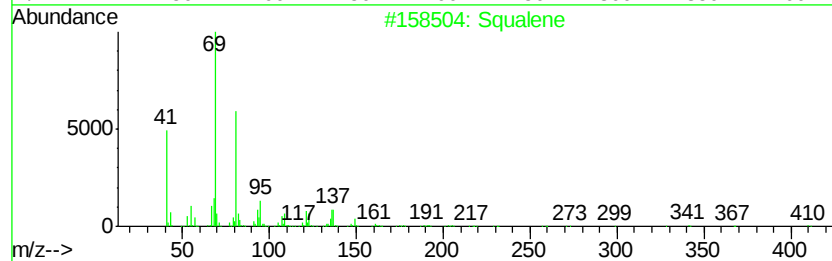
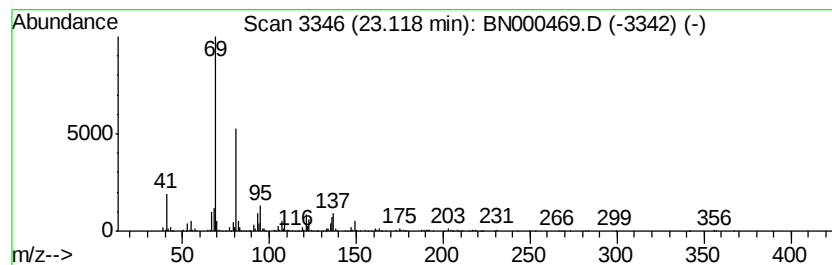
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Squalene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.12	5.08 ng/ul	682899	Chrysene-d12	21.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene		410	C30H50	007683-64-9	91
2	Squalene		410	C30H50	007683-64-9	91
3	2,6,10,14,18,22-Tetracosahexaene...		410	C30H50	000111-02-4	91
4	2,6,10,14,18,22-Tetracosahexaene...		410	C30H50	000111-02-4	90
5	7,11-Dimethyldodeca-2,6,10-trien...		208	C14H24O	125529-10-4	80



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Sample : J1933-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

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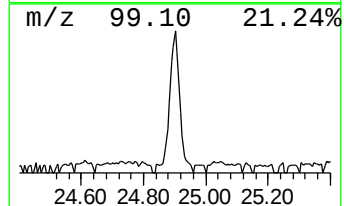
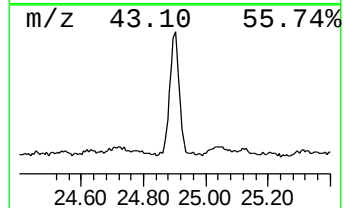
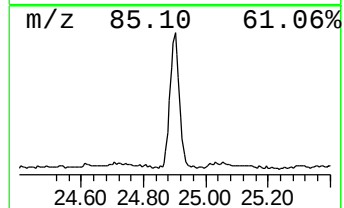
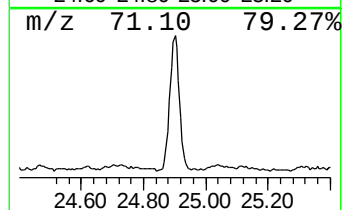
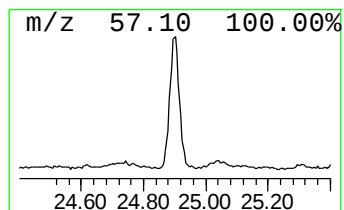
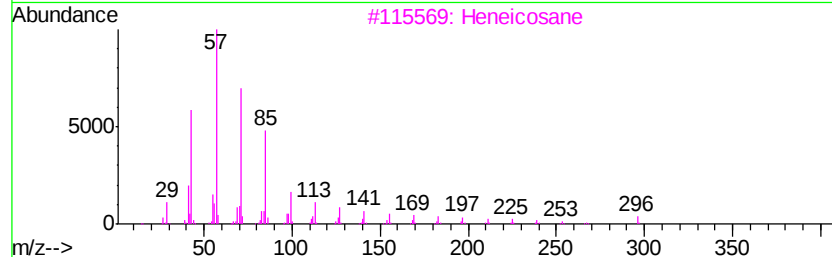
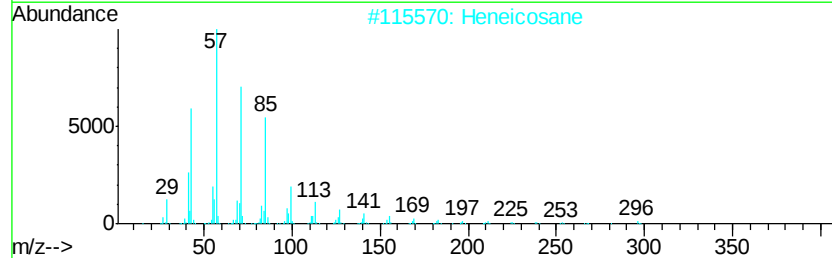
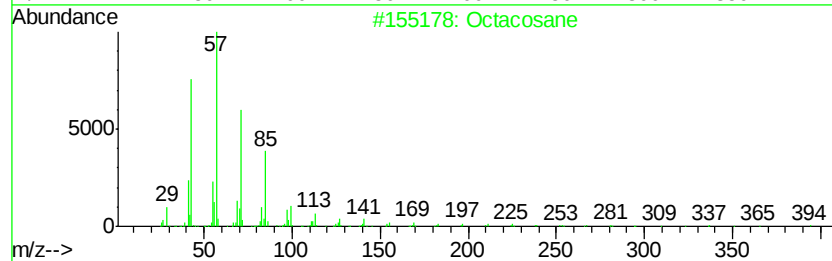
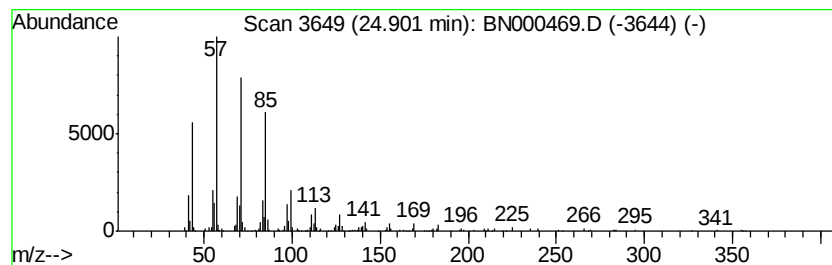
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	2.65 ng/ul	348310	Perylene-d12	24.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87



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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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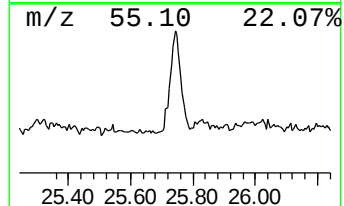
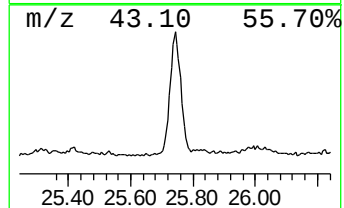
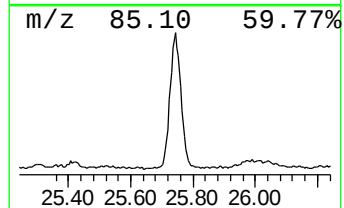
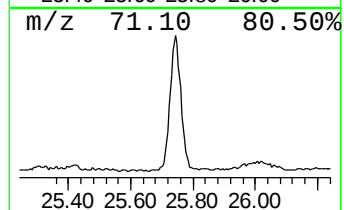
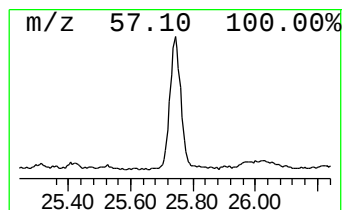
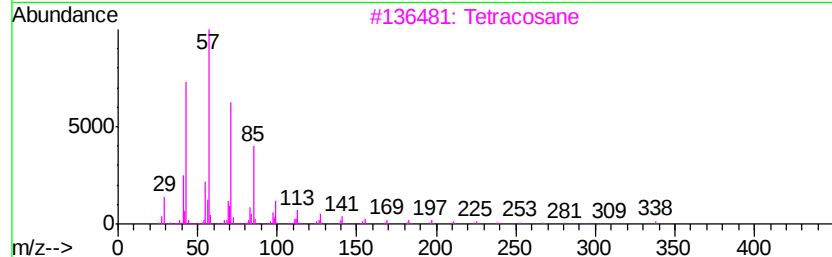
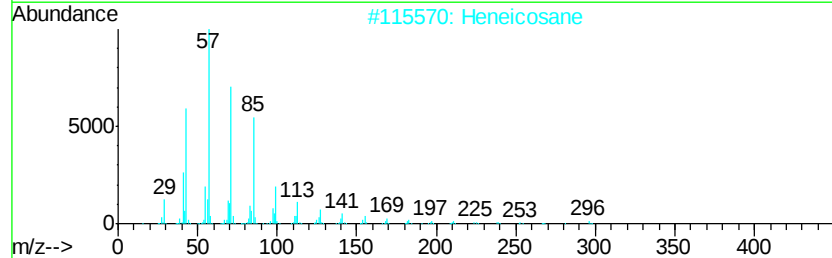
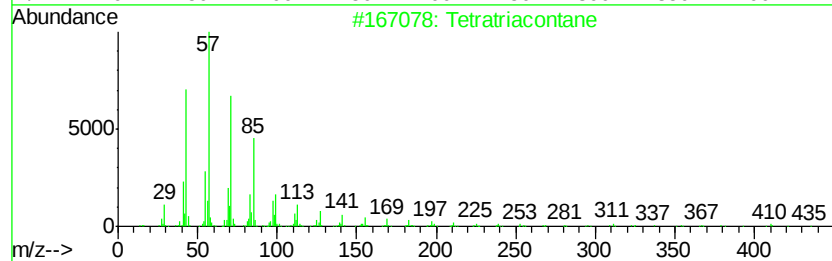
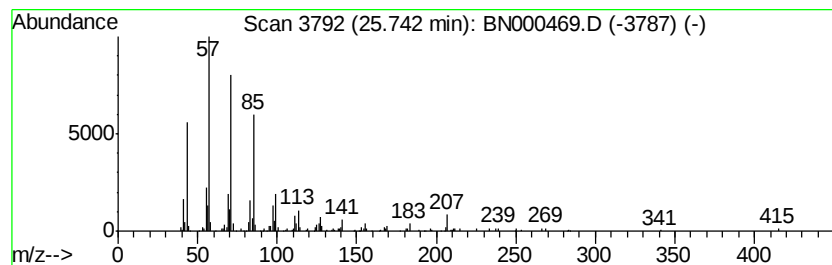
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.74	2.57 ng/ul	337807	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heneicosane	296	C21H44	000629-94-7	91
3		Tetracosane	338	C24H50	000646-31-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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
(DEL) Alkane: Str...	15.83	2.3	ng/ul	297816	3	15.04	2599710	20.0
(DEL) Alkane: Str...	16.68	2.2	ng/ul	307731	4	17.77	2759120	20.0
n-Hexadecanoic acid	18.60	5.6	ng/ul	769890	4	17.77	2759120	20.0
Trichloroacetic a...	21.55	3.5	ng/ul	468292	5	21.89	2687930	20.0
Squalene	23.12	5.1	ng/ul	682899	5	21.89	2687930	20.0
(DEL) Alkane: Str...	24.90	2.6	ng/ul	348310	6	24.38	2630040	20.0
(DEL) Alkane: Str...	25.74	2.6	ng/ul	337807	6	24.38	2630040	20.0