

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000679.D
 Acq On : 29 Mar 2018 02:38
 Operator : JU/SJ
 Sample : J2011-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEG4

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	3.584	21	25	35	rVB	50458	76397	1.78%	0.148%
2	3.902	76	79	84	rBV	3923	6650	0.15%	0.013%
3	4.408	161	165	169	rBV3	3444	5637	0.13%	0.011%
4	5.408	328	335	340	rBV3	5623	10188	0.24%	0.020%
5	6.413	502	506	514	rVB	13619	20878	0.49%	0.040%
6	6.560	526	531	537	rBV4	4828	9296	0.22%	0.018%
7	7.472	680	686	692	rVB	15265	21502	0.50%	0.042%
8	7.549	692	699	714	rBV	877062	1534633	35.76%	2.964%
9	7.713	720	727	739	rVV	767016	1202591	28.02%	2.323%
10	7.807	739	743	747	rVB2	4018	6908	0.16%	0.013%
11	7.931	757	764	773	rBV	893171	1451465	33.82%	2.803%
12	8.407	836	845	856	rBV	779752	1277276	29.76%	2.467%
13	9.119	959	966	974	rBV	1093337	1837749	42.82%	3.549%
14	9.590	1037	1046	1055	rBV	833587	1409800	32.85%	2.723%
15	9.690	1060	1063	1066	rBV3	7391	11724	0.27%	0.023%
16	9.937	1100	1105	1111	rVB	47819	71018	1.65%	0.137%
17	10.319	1163	1170	1181	rVB	663213	1128862	26.30%	2.180%
18	10.860	1252	1262	1281	rBV	1009023	1764645	41.12%	3.408%
19	11.243	1320	1327	1342	rVB	1099988	1886713	43.96%	3.644%
20	11.372	1342	1349	1361	rBV	726804	1278249	29.79%	2.469%
21	12.419	1519	1527	1535	rVB	41622	59304	1.38%	0.115%
22	12.619	1554	1561	1566	rBV3	11225	16262	0.38%	0.031%
23	12.678	1566	1571	1575	rVV	3586	5665	0.13%	0.011%
24	12.725	1575	1579	1583	rVB	6578	10419	0.24%	0.020%
25	12.801	1588	1592	1599	rBV	15262	23295	0.54%	0.045%
26	13.384	1686	1691	1698	rBV5	3871	6578	0.15%	0.013%
27	13.619	1728	1731	1735	rBV2	6126	8116	0.19%	0.016%
28	13.813	1759	1764	1772	rVB	26663	37969	0.88%	0.073%
29	14.337	1847	1853	1856	rBV3	4034	7352	0.17%	0.014%
30	14.413	1860	1866	1871	rVV	1764950	2559413	59.64%	4.943%
31	14.460	1871	1874	1879	rVV	448515	592876	13.82%	1.145%
32	14.507	1879	1882	1890	rVB	11274	18759	0.44%	0.036%
33	14.584	1890	1895	1901	rBV2	8944	14325	0.33%	0.028%
34	14.725	1912	1919	1929	rBV	2071155	3082442	71.83%	5.953%

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 Title : SVOA CALIBRATION

35	14.878	1939	1945	1950	rBV	98829	127738	2.98%	0.247%
36	14.948	1952	1957	1963	rBV4	7249	14481	0.34%	0.028%
37	15.025	1963	1970	1978	rVB2	1400529	2203089	51.34%	4.255%
38	15.084	1978	1980	1985	rVB3	4447	5485	0.13%	0.011%
39	15.219	1995	2003	2015	rBV	577014	1013635	23.62%	1.958%
40	15.313	2016	2019	2020	rBV3	6176	6362	0.15%	0.012%
41	15.366	2025	2028	2033	rVB2	14566	20197	0.47%	0.039%
42	15.425	2033	2038	2043	rVB2	12647	18767	0.44%	0.036%
43	15.484	2043	2048	2051	rBV	23403	34894	0.81%	0.067%
44	15.554	2056	2060	2065	rVV3	13184	17538	0.41%	0.034%
45	15.772	2092	2097	2100	rBV	42792	56628	1.32%	0.109%
46	15.819	2100	2105	2110	rVB	145676	184864	4.31%	0.357%
47	15.878	2110	2115	2118	rBV3	8299	12350	0.29%	0.024%
48	15.919	2118	2122	2130	rVB7	7544	16442	0.38%	0.032%
49	16.007	2130	2137	2144	rBV	2557124	3815690	88.91%	7.369%
50	16.125	2152	2157	2166	rBV	596805	840191	19.58%	1.623%
51	16.219	2166	2173	2175	rBV	30421	59171	1.38%	0.114%
52	16.313	2186	2189	2194	rVB3	10950	14138	0.33%	0.027%
53	16.366	2194	2198	2206	rBV3	13255	22279	0.52%	0.043%
54	16.436	2206	2210	2215	rVB2	16762	20104	0.47%	0.039%
55	16.619	2237	2241	2245	rBV6	5034	8566	0.20%	0.017%
56	16.672	2245	2250	2258	rVV	130785	197540	4.60%	0.382%
57	16.866	2279	2283	2286	rVB	7058	8604	0.20%	0.017%
58	16.948	2291	2297	2301	rBV5	9528	16067	0.37%	0.031%
59	17.007	2304	2307	2314	rBV2	10444	20054	0.47%	0.039%
60	17.066	2315	2317	2321	rVB	9751	12377	0.29%	0.024%
61	17.125	2323	2327	2331	rVB4	7268	9663	0.23%	0.019%
62	17.172	2332	2335	2338	rBV	8095	9768	0.23%	0.019%
63	17.236	2343	2346	2350	rBV3	8091	9767	0.23%	0.019%
64	17.278	2350	2353	2359	rVB4	5344	9358	0.22%	0.018%
65	17.454	2377	2383	2388	rBV	76199	94516	2.20%	0.183%
66	17.507	2388	2392	2395	rVV2	21884	32578	0.76%	0.063%
67	17.542	2395	2398	2403	rVB	11007	15579	0.36%	0.030%
68	17.754	2427	2434	2444	rVB2	1833261	2721724	63.42%	5.257%
69	17.848	2444	2450	2460	rBV2	2626547	3941951	91.85%	7.613%
70	17.925	2460	2463	2470	rVB2	6934	12066	0.28%	0.023%
71	17.989	2471	2474	2478	rBV4	4670	6350	0.15%	0.012%

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72	18.113	2490	2495	2502	rBV4	5565	11153	0.26%	0.022%
73	18.189	2503	2508	2513	rBV	48409	57963	1.35%	0.112%
74	18.366	2531	2538	2542	rVB4	11521	17976	0.42%	0.035%
75	18.466	2550	2555	2564	rBV8	4193	12495	0.29%	0.024%
76	18.589	2571	2576	2597	rBV	211277	461380	10.75%	0.891%
77	18.866	2620	2623	2627	rBV	22961	25624	0.60%	0.049%
78	18.907	2627	2630	2636	rVB	8217	9400	0.22%	0.018%
79	19.483	2725	2728	2731	rBV3	6546	6642	0.15%	0.013%
80	19.742	2763	2772	2777	rBV	35419	56692	1.32%	0.109%
81	19.836	2784	2788	2797	rBV3	42230	89261	2.08%	0.172%
82	19.995	2810	2815	2821	rVB	32482	42099	0.98%	0.081%
83	20.107	2828	2834	2844	rVB	3269240	4291534	100.00%	8.288%
84	20.913	2969	2971	2975	rBV4	8470	11552	0.27%	0.022%
85	21.066	2995	2997	3001	rBV4	8059	9796	0.23%	0.019%
86	21.542	3073	3078	3100	rBV3	89127	385779	8.99%	0.745%
87	21.730	3107	3110	3116	rVB	67215	78756	1.84%	0.152%
88	21.871	3129	3134	3146	rBV	1913652	2591428	60.38%	5.005%
89	21.966	3146	3150	3156	rBV3	33506	49552	1.15%	0.096%
90	22.442	3227	3231	3236	rVB	46618	57952	1.35%	0.112%
91	22.507	3239	3242	3247	rBV5	26476	40903	0.95%	0.079%
92	22.948	3312	3317	3326	rBV	105388	156883	3.66%	0.303%
93	23.095	3338	3342	3347	rVB	69006	99130	2.31%	0.191%
94	23.507	3407	3412	3420	rVB	154270	261682	6.10%	0.505%
95	24.136	3513	3519	3522	rBV	162970	295397	6.88%	0.571%
96	24.195	3522	3529	3542	rVB2	1414292	2804597	65.35%	5.417%
97	24.354	3548	3556	3567	rVB2	944438	1933168	45.05%	3.734%
98	24.854	3636	3641	3651	rVB	158757	330551	7.70%	0.638%
99	25.695	3778	3784	3792	rVB	124876	285099	6.64%	0.551%
100	26.677	3945	3951	3963	rVB2	80532	217399	5.07%	0.420%

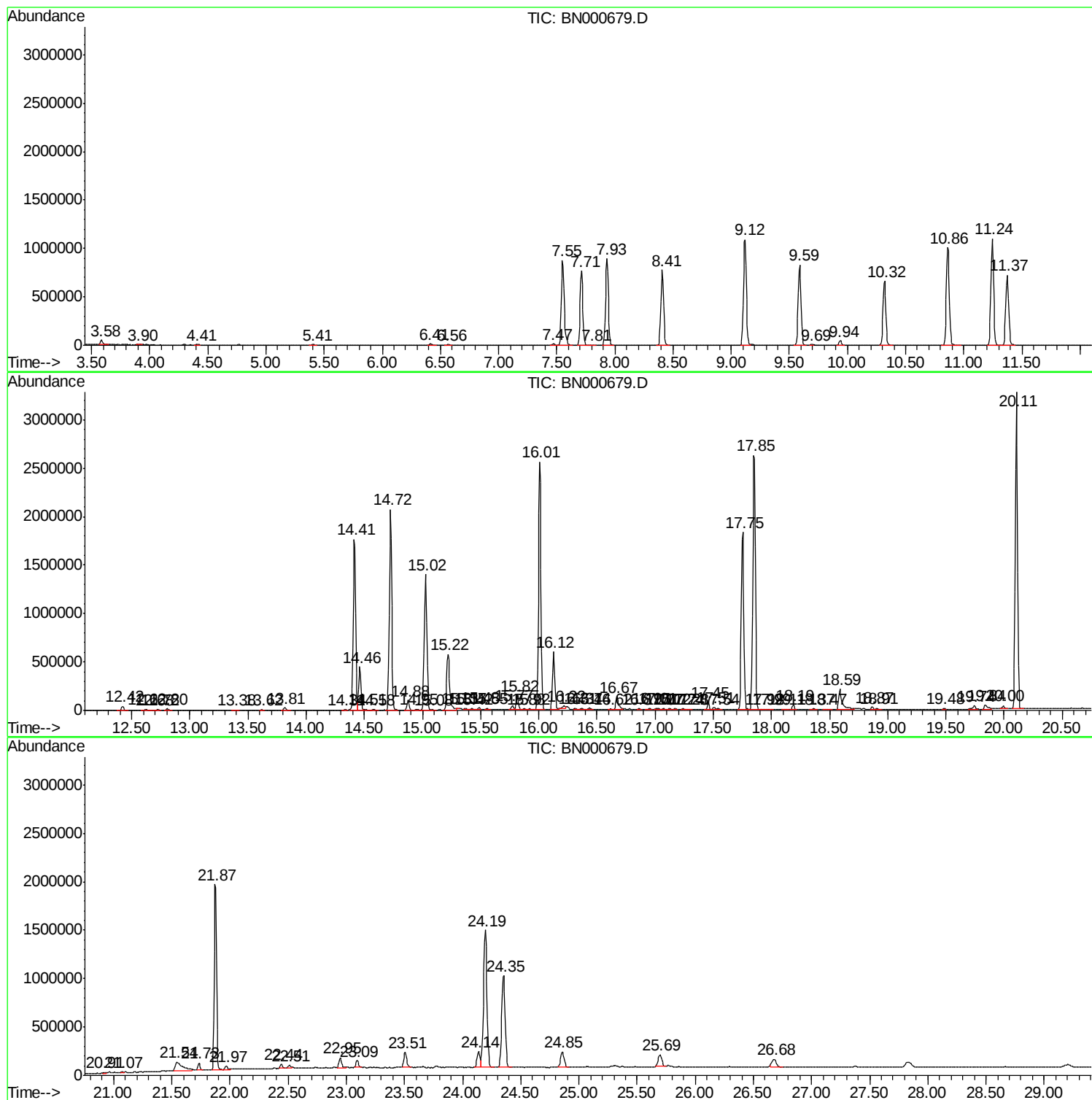
Sum of corrected areas: 51777370

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



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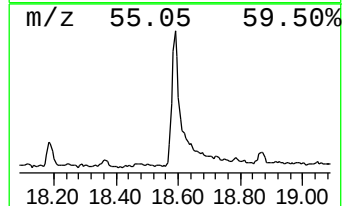
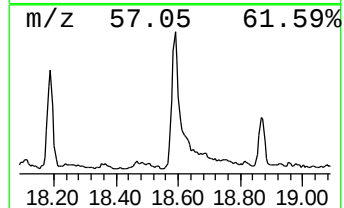
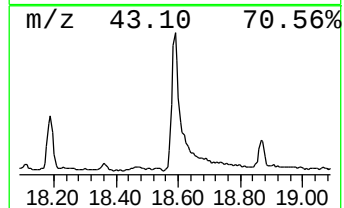
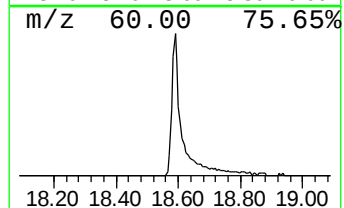
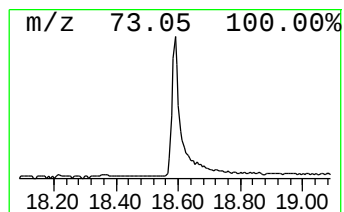
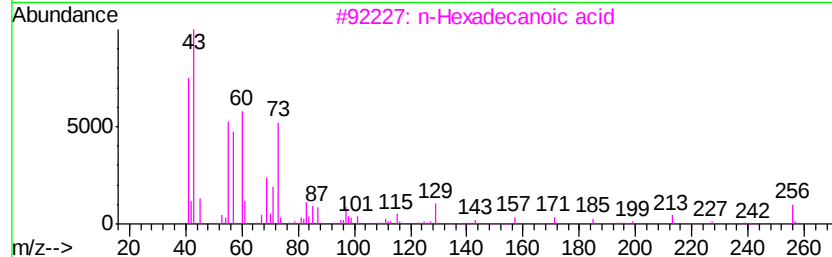
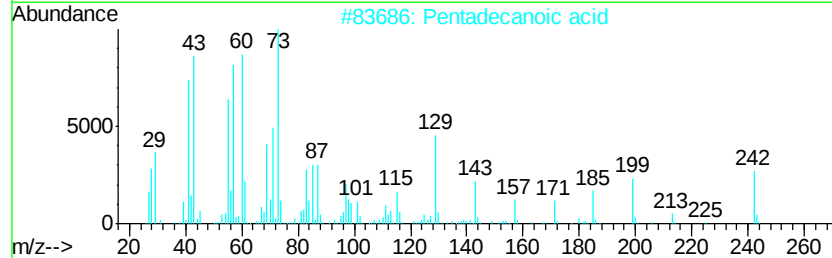
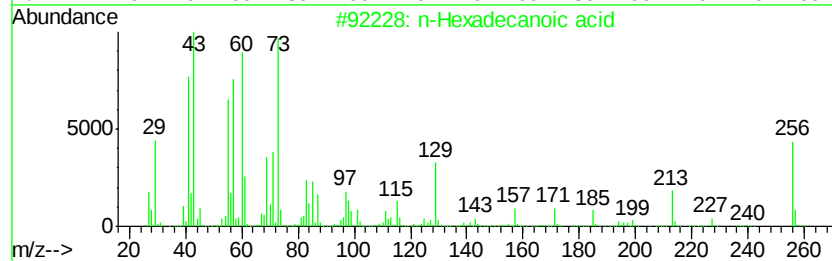
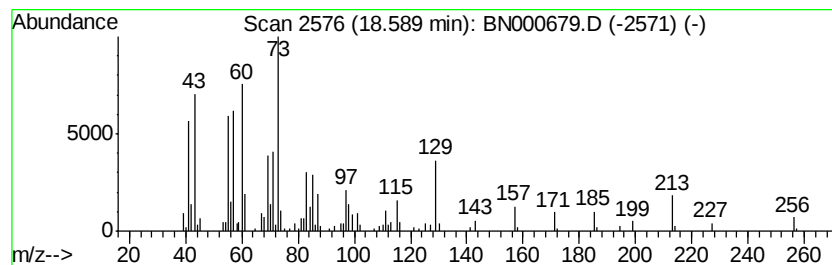
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.59	3.39 ng/ul	461380	Phenanthrene-d10		17.75		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68



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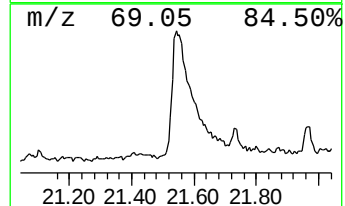
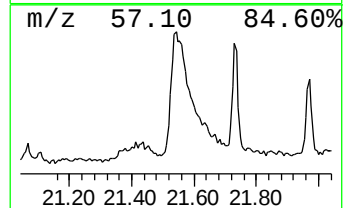
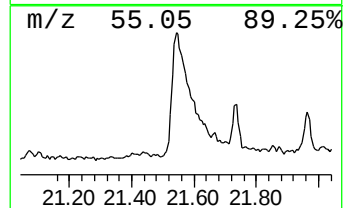
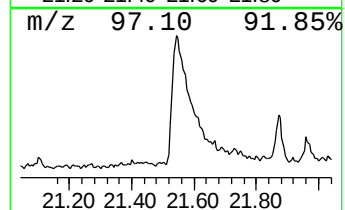
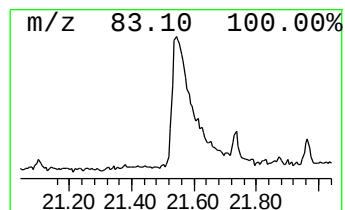
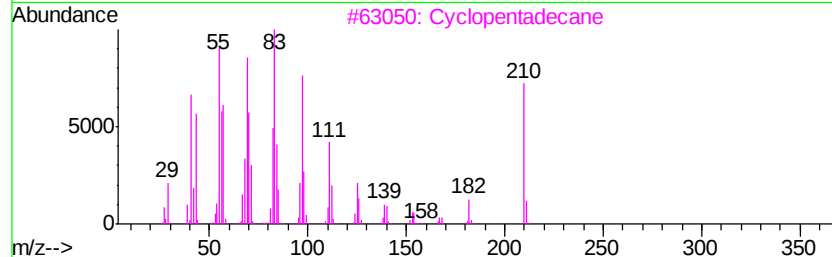
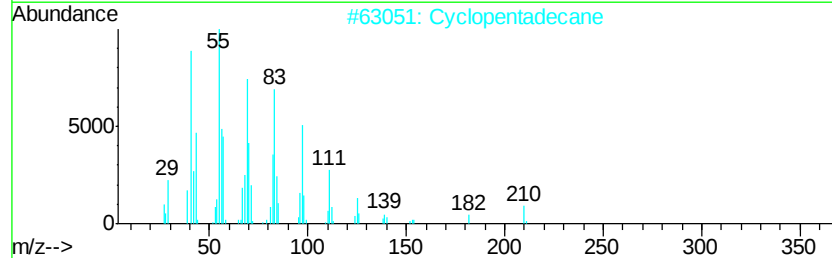
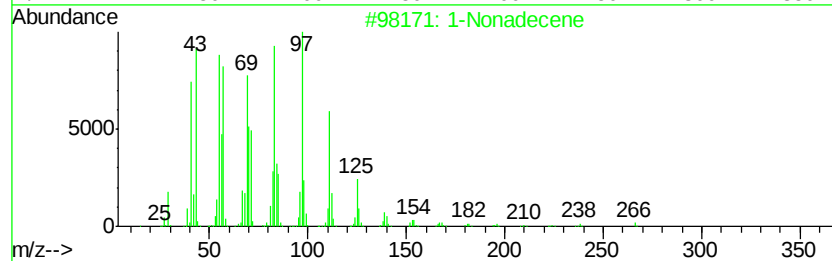
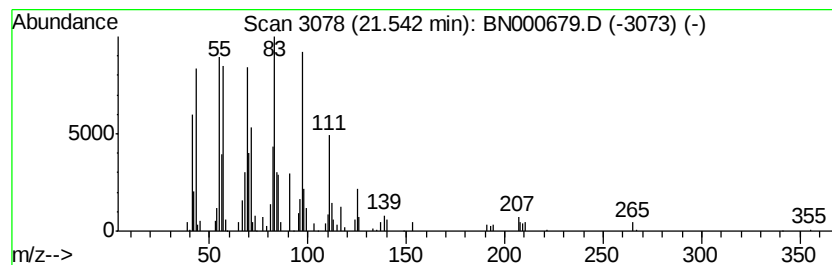
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.54 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.98 ng/ul	385779	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Cyclopentadecane	210	C15H30	000295-48-7	93
3		Cyclopentadecane	210	C15H30	000295-48-7	91
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91



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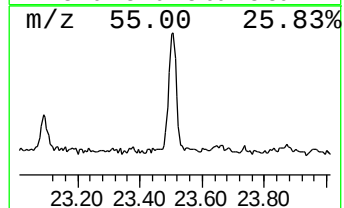
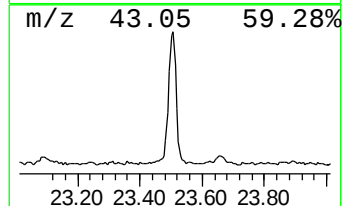
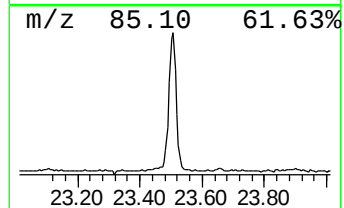
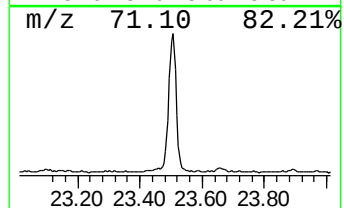
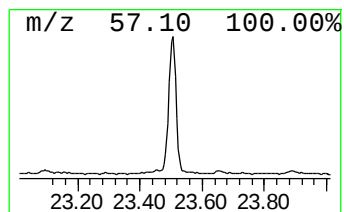
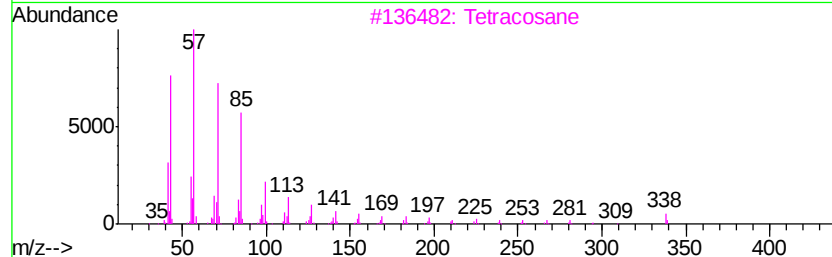
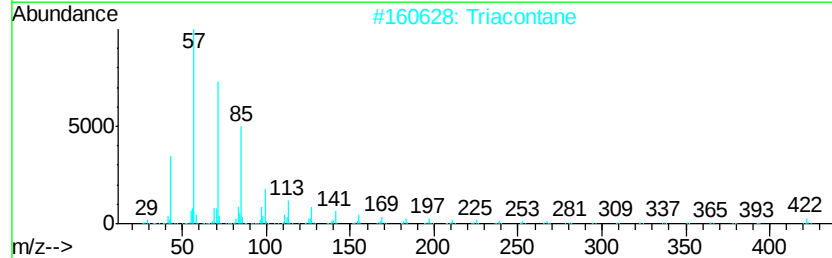
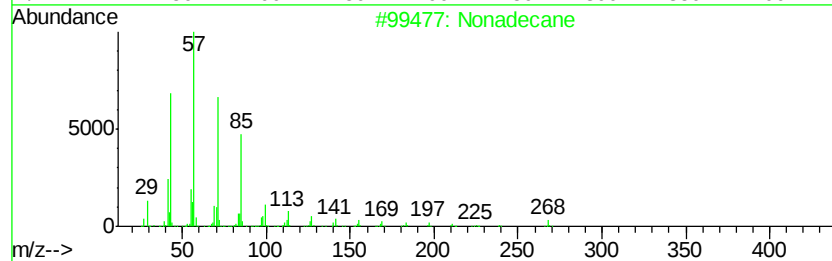
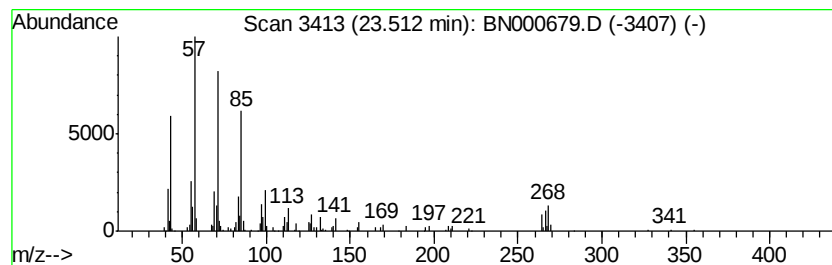
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.71 ng/ul	261682	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Triacontane	422	C30H62	000638-68-6	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000679.D
Acq On : 29 Mar 2018 02:38
Operator : JU/SJ
Sample : J2011-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEG4

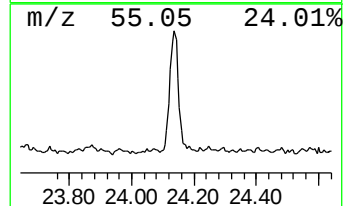
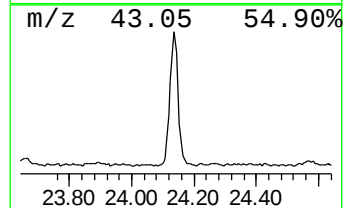
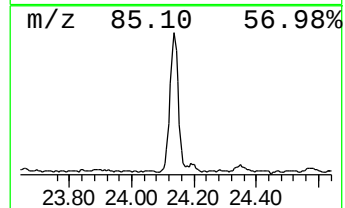
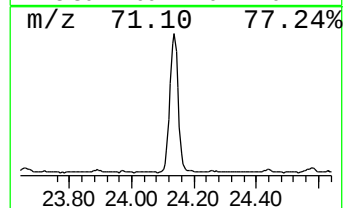
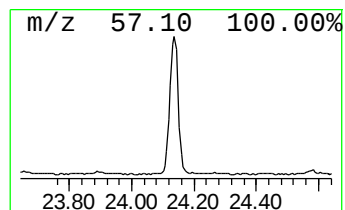
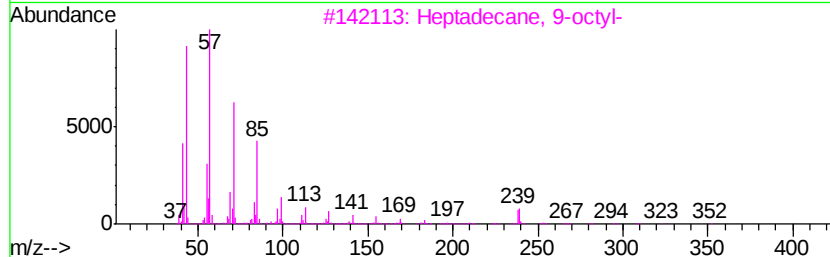
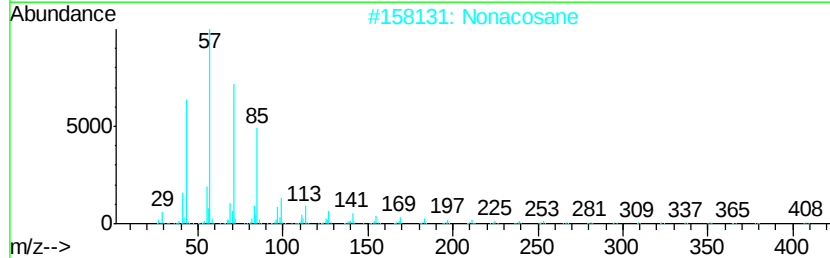
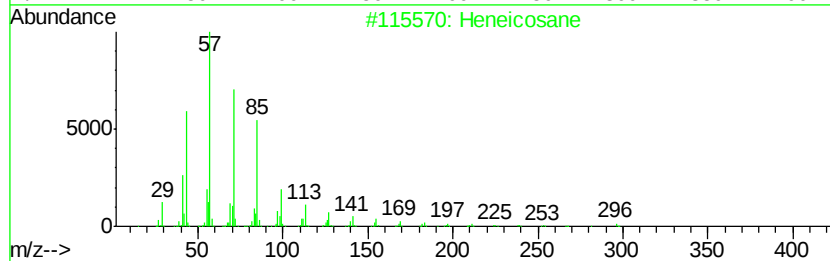
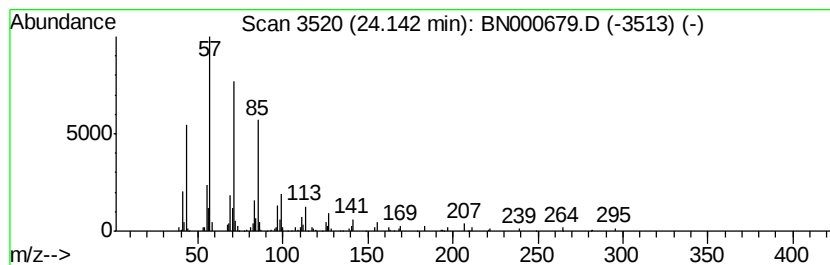
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.14	3.06 ng/ul	295397	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Nonacosane	408	C29H60	000630-03-5	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90



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Acq On : 29 Mar 2018 02:38
Operator : JU/SJ
Sample : J2011-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEG4

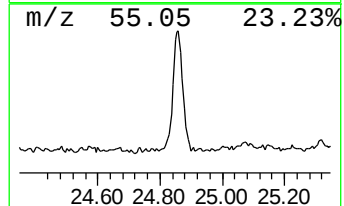
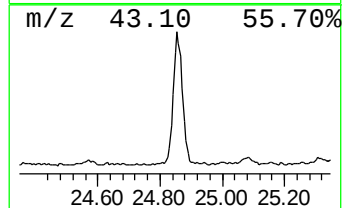
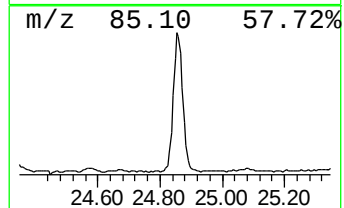
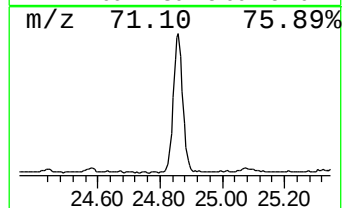
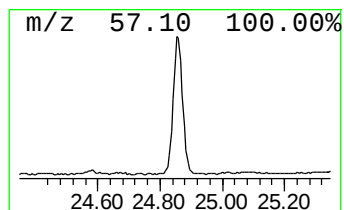
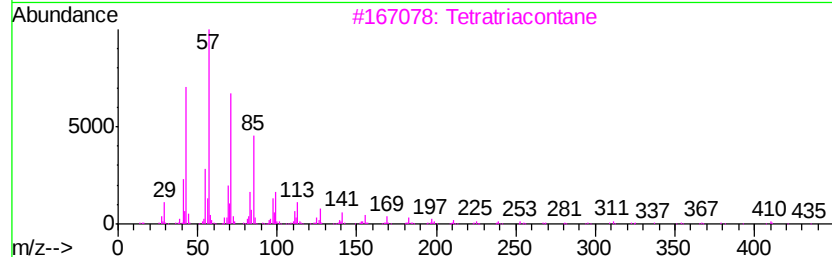
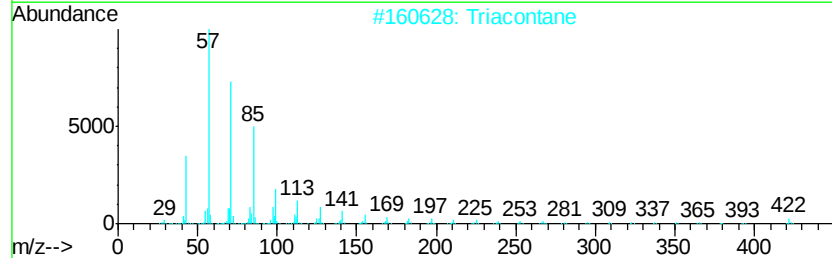
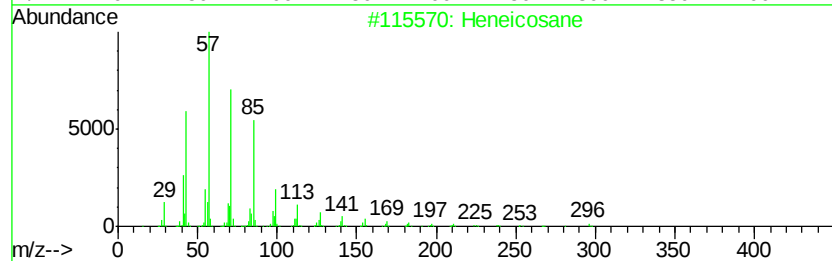
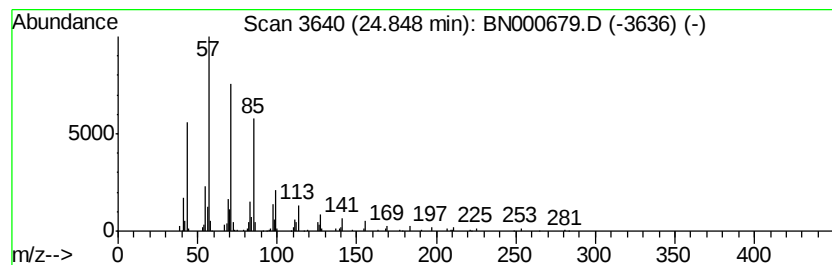
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	3.42 ng/ul	330551	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
Data File : BN000679.D
Acq On : 29 Mar 2018 02:38
Operator : JU/SJ
Sample : J2011-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEG4

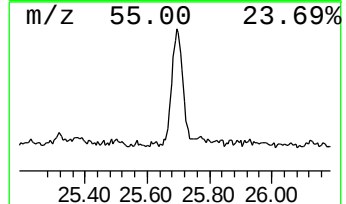
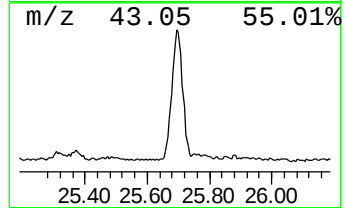
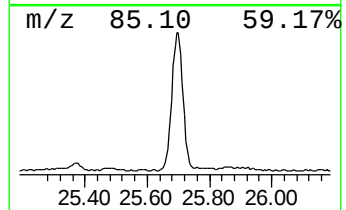
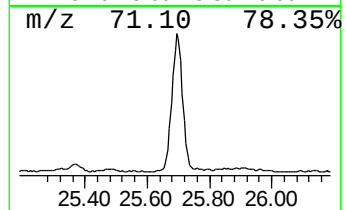
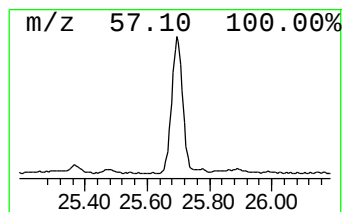
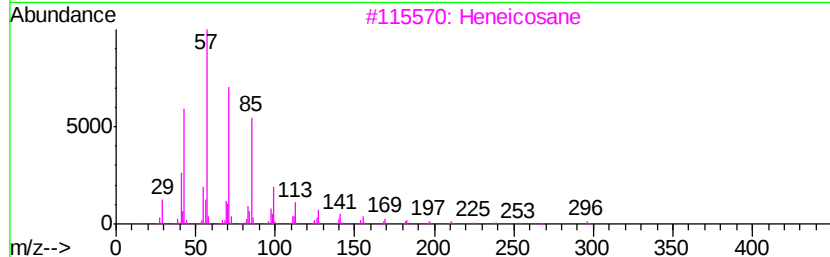
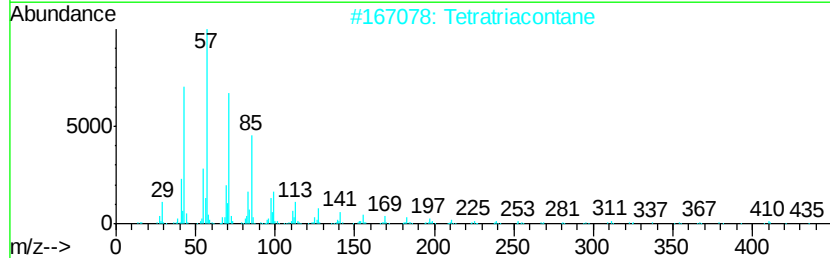
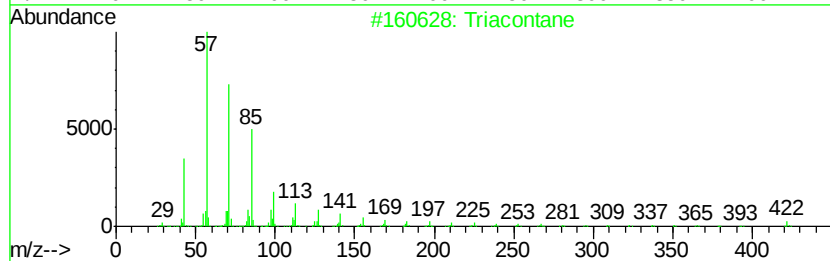
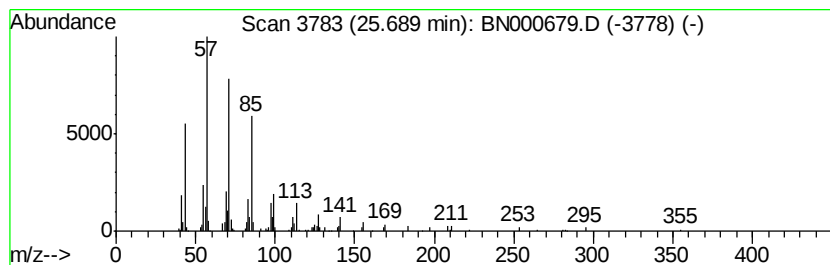
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Quant Title : SVOA CALIBRATION

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.
25.69	2.95 ng/ul	285099	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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Data File : BN000679.D
Acq On : 29 Mar 2018 02:38
Operator : JU/SJ
Sample : J2011-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEG4

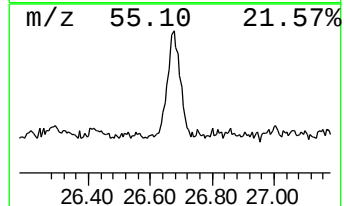
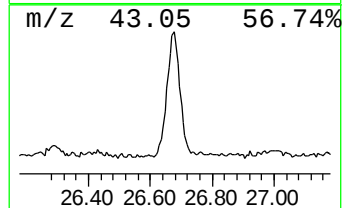
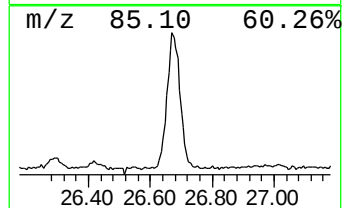
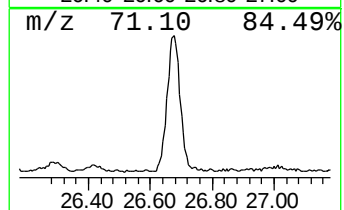
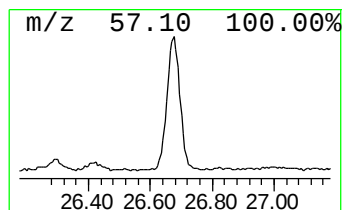
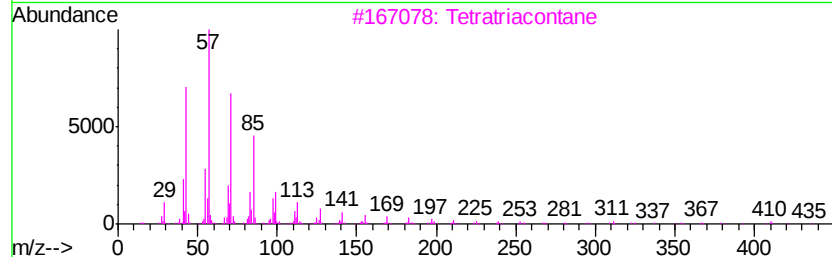
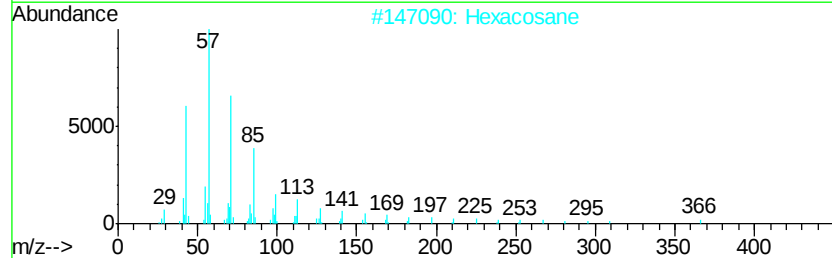
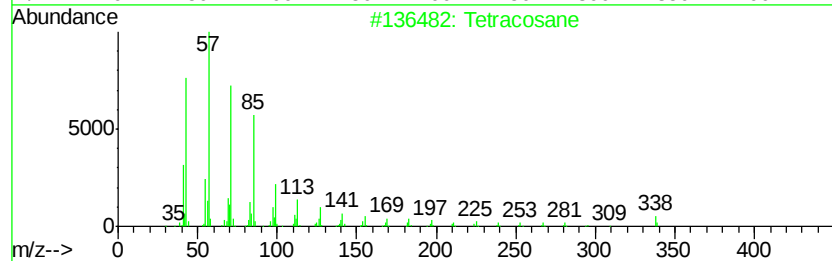
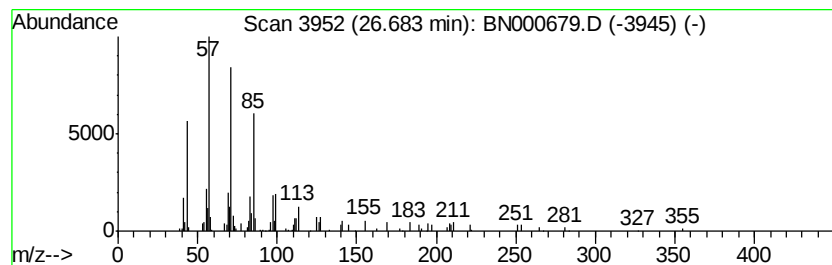
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	2.25 ng/ul	217399	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Hexacosane	366	C26H54	000630-01-3	90
3		Tetratriacontane	479	C34H70	014167-59-0	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Heneicosane	296	C21H44	000629-94-7	87



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Acq On : 29 Mar 2018 02:38
Operator : JU/SJ
Sample : J2011-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEG4

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
n-Hexadecanoic acid	18.59	3.4	ng/ul	461380	4	17.75	2721720	20.0
(DEL) Alkane: Cyc...	21.54	3.0	ng/ul	385779	5	21.88	2591430	20.0
(DEL) Alkane: Str...	23.51	2.7	ng/ul	261682	6	24.35	1933170	20.0
(DEL) Alkane: Str...	24.14	3.1	ng/ul	295397	6	24.35	1933170	20.0
(DEL) Alkane: Str...	24.85	3.4	ng/ul	330551	6	24.35	1933170	20.0
(DEL) Alkane: Str...	25.69	3.0	ng/ul	285099	6	24.35	1933170	20.0
(DEL) Alkane: Str...	26.68	2.3	ng/ul	217399	6	24.35	1933170	20.0