

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
 Data File : BN000635.D
 Acq On : 26 Mar 2018 23:53
 Operator : JU/SJ
 Sample : J1986-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEEJ1

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	3.578	20	24	34	rVB	25376	42853	1.34%	0.120%
2	4.408	160	165	172	rBV2	3350	5873	0.18%	0.016%
3	4.649	203	206	210	rVB3	2847	3814	0.12%	0.011%
4	5.096	276	282	284	rBV2	2130	3551	0.11%	0.010%
5	5.396	326	333	342	rVB	5117	10524	0.33%	0.029%
6	6.414	502	506	510	rBV	6236	8611	0.27%	0.024%
7	6.561	526	531	536	rBV5	3090	7795	0.24%	0.022%
8	7.549	693	699	716	rVB	423526	747379	23.45%	2.093%
9	7.714	718	727	735	rBV	401021	625657	19.63%	1.752%
10	7.931	758	764	773	rBV	447578	732186	22.97%	2.050%
11	8.408	839	845	857	rBV	463603	758695	23.80%	2.125%
12	9.119	959	966	976	rBV	471252	789791	24.78%	2.212%
13	9.590	1037	1046	1056	rVV	456841	761250	23.88%	2.132%
14	9.725	1066	1069	1075	rVB3	2139	3680	0.12%	0.010%
15	9.943	1100	1106	1111	rBV	12679	17437	0.55%	0.049%
16	10.319	1163	1170	1177	rVB	375026	626118	19.64%	1.753%
17	10.866	1256	1263	1272	rBV	550414	948655	29.76%	2.657%
18	11.249	1320	1328	1336	rBV	679110	1141934	35.83%	3.198%
19	11.372	1343	1349	1360	rBV	250353	438460	13.76%	1.228%
20	12.619	1555	1561	1564	rVB2	2526	3638	0.11%	0.010%
21	12.684	1568	1572	1575	rBV2	3081	4120	0.13%	0.012%
22	12.807	1587	1593	1599	rVB2	8287	13095	0.41%	0.037%
23	13.819	1759	1765	1771	rVB	21333	30040	0.94%	0.084%
24	13.901	1771	1779	1780	rBV3	2352	4658	0.15%	0.013%
25	14.337	1848	1853	1858	rBV4	3179	7350	0.23%	0.021%
26	14.413	1860	1866	1871	rVV	1070960	1552558	48.71%	4.348%
27	14.460	1871	1874	1879	rVV	199732	261601	8.21%	0.733%
28	14.507	1879	1882	1889	rVB2	9309	13209	0.41%	0.037%
29	14.584	1889	1895	1899	rVB3	6716	10416	0.33%	0.029%
30	14.637	1899	1904	1907	rBV3	4208	7326	0.23%	0.021%
31	14.725	1913	1919	1930	rVB	1265828	1910478	59.94%	5.350%
32	14.878	1939	1945	1950	rVB	86538	107014	3.36%	0.300%
33	14.954	1953	1958	1963	rBV2	5595	9874	0.31%	0.028%
34	15.031	1963	1971	1978	rVV2	965340	1491998	46.81%	4.178%

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

35	15.084	1978	1980	1985	rVB3	3332	5020	0.16%	0.014%
36	15.154	1985	1992	1996	rBV4	3395	7585	0.24%	0.021%
37	15.219	1996	2003	2014	rBV	407752	656500	20.60%	1.839%
38	15.313	2015	2019	2025	rVV6	10299	25878	0.81%	0.072%
39	15.372	2025	2029	2033	rVV	11941	17542	0.55%	0.049%
40	15.431	2035	2039	2043	rVB2	8864	12591	0.40%	0.035%
41	15.490	2043	2049	2057	rBV3	19007	34247	1.07%	0.096%
42	15.560	2057	2061	2067	rVB2	9890	12289	0.39%	0.034%
43	15.719	2086	2088	2091	rVB3	3864	3661	0.11%	0.010%
44	15.778	2093	2098	2101	rBV	10646	17035	0.53%	0.048%
45	15.819	2101	2105	2110	rVB	113594	136350	4.28%	0.382%
46	15.884	2110	2116	2119	rBV3	6226	11416	0.36%	0.032%
47	15.931	2120	2124	2131	rVB7	3866	6894	0.22%	0.019%
48	16.007	2131	2137	2144	rBV	1581267	2311723	72.52%	6.474%
49	16.054	2144	2145	2152	rVB6	5066	6164	0.19%	0.017%
50	16.125	2152	2157	2166	rBV	402001	574834	18.03%	1.610%
51	16.219	2166	2173	2176	rBV2	26514	53170	1.67%	0.149%
52	16.313	2186	2189	2195	rVB4	8266	11314	0.35%	0.032%
53	16.366	2195	2198	2207	rBV4	10951	16475	0.52%	0.046%
54	16.437	2207	2210	2214	rVB	12687	14620	0.46%	0.041%
55	16.631	2238	2243	2245	rBV4	3471	4855	0.15%	0.014%
56	16.672	2245	2250	2261	rBV	95117	152933	4.80%	0.428%
57	16.866	2280	2283	2287	rVB3	6828	8287	0.26%	0.023%
58	16.954	2291	2298	2301	rBV6	5909	10690	0.34%	0.030%
59	17.007	2303	2307	2311	rBV3	7242	11788	0.37%	0.033%
60	17.072	2315	2318	2322	rVB2	8168	10377	0.33%	0.029%
61	17.125	2322	2327	2332	rBV5	6008	10064	0.32%	0.028%
62	17.178	2332	2336	2340	rBV3	5973	8433	0.26%	0.024%
63	17.237	2343	2346	2349	rBV3	5557	7318	0.23%	0.020%
64	17.460	2379	2384	2388	rBV	42610	52452	1.65%	0.147%
65	17.507	2389	2392	2396	rVV2	9989	13378	0.42%	0.037%
66	17.542	2396	2398	2404	rVB4	7166	9334	0.29%	0.026%
67	17.613	2404	2410	2412	rBV5	5360	10327	0.32%	0.029%
68	17.754	2424	2434	2440	rBV2	1217484	1746847	54.80%	4.892%
69	17.848	2444	2450	2460	rVB2	1680687	2514654	78.89%	7.042%
70	17.925	2460	2463	2470	rVB6	3762	7667	0.24%	0.021%
71	17.989	2470	2474	2475	rBV3	4495	4098	0.13%	0.011%

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72	18.084	2484	2490	2493	rBV6	3432	7528	0.24%	0.021%
73	18.189	2504	2508	2512	rBV4	12052	16796	0.53%	0.047%
74	18.337	2528	2533	2536	rBV5	7277	11140	0.35%	0.031%
75	18.472	2552	2556	2557	rBV2	3283	3883	0.12%	0.011%
76	18.589	2571	2576	2587	rBV	383820	569585	17.87%	1.595%
77	18.872	2620	2624	2627	rBV5	5825	8037	0.25%	0.023%
78	18.907	2628	2630	2633	rVB3	4864	4834	0.15%	0.014%
79	18.966	2635	2640	2645	rVV2	11324	17469	0.55%	0.049%
80	19.084	2657	2660	2663	rBV5	2475	3918	0.12%	0.011%
81	19.113	2663	2665	2667	rVB2	5012	4541	0.14%	0.013%
82	19.342	2702	2704	2707	rBV4	3136	3781	0.12%	0.011%
83	19.436	2718	2720	2725	rVB6	4341	5510	0.17%	0.015%
84	19.542	2734	2738	2742	rBV3	10059	13256	0.42%	0.037%
85	19.725	2762	2769	2783	rBV2	212598	461881	14.49%	1.293%
86	19.836	2784	2788	2798	rVV	88917	146666	4.60%	0.411%
87	19.995	2811	2815	2821	rVB	23237	31946	1.00%	0.089%
88	20.107	2828	2834	2843	rVB	2157733	3006445	94.32%	8.419%
89	20.578	2908	2914	2920	rBV9	11028	28831	0.90%	0.081%
90	21.525	3072	3075	3087	rBV2	162775	290326	9.11%	0.813%
91	21.872	3129	3134	3143	rBV	1574216	2138668	67.10%	5.989%
92	22.442	3228	3231	3235	rBV	45464	48857	1.53%	0.137%
93	22.948	3313	3317	3330	rVB2	95043	175410	5.50%	0.491%
94	23.507	3407	3412	3422	rVB2	132618	249718	7.83%	0.699%
95	24.136	3514	3519	3522	rBV	132270	226243	7.10%	0.634%
96	24.195	3522	3529	3538	rVB2	1514887	3187508	100.00%	8.926%
97	24.354	3548	3556	3565	rVB2	1074644	2280692	71.55%	6.387%
98	24.860	3636	3642	3651	rVB	186704	391062	12.27%	1.095%
99	25.695	3779	3784	3792	rVB2	138166	309481	9.71%	0.867%
100	26.677	3945	3951	3964	rVB	160038	443936	13.93%	1.243%

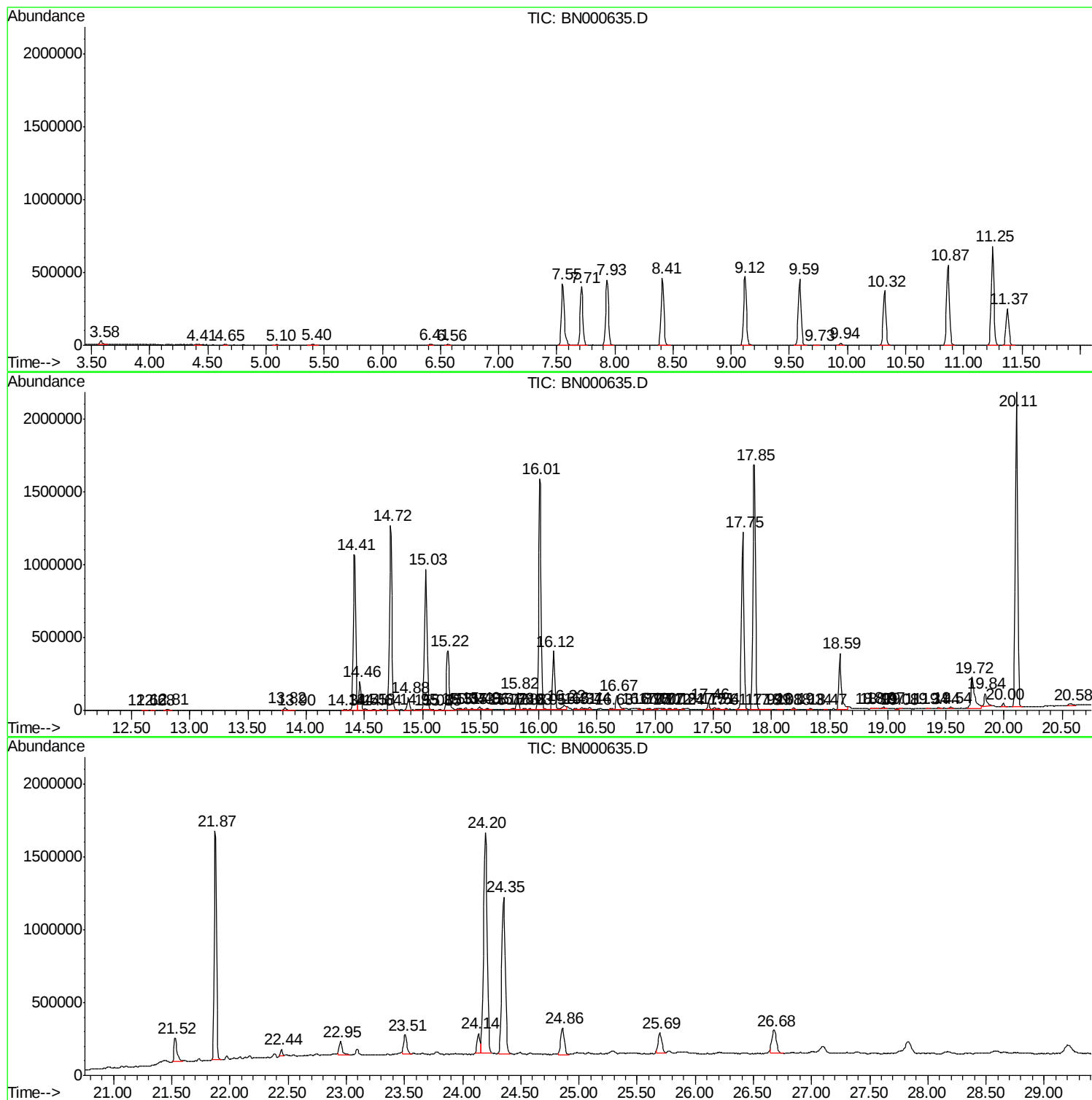
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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



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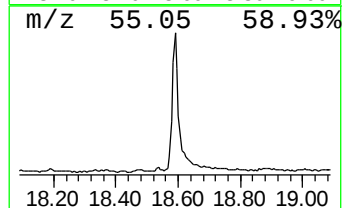
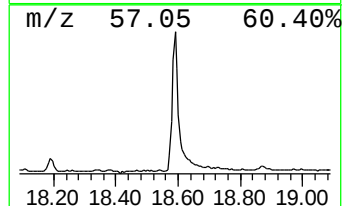
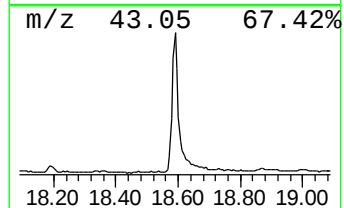
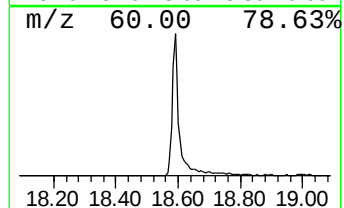
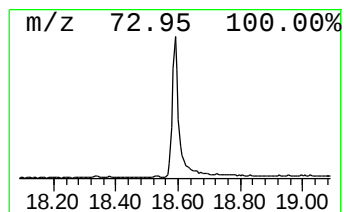
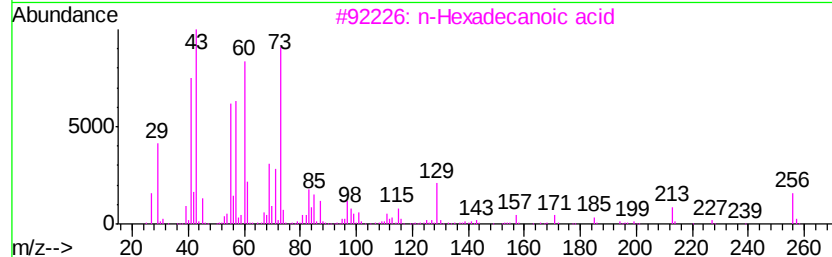
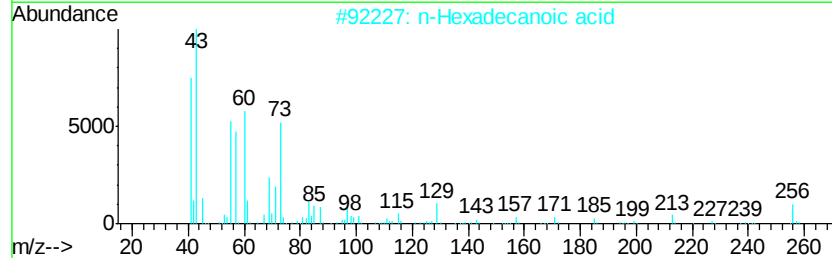
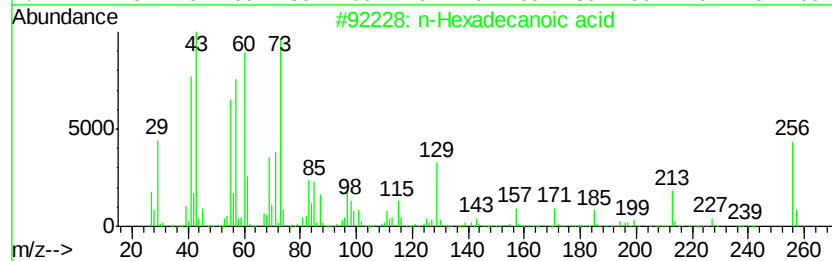
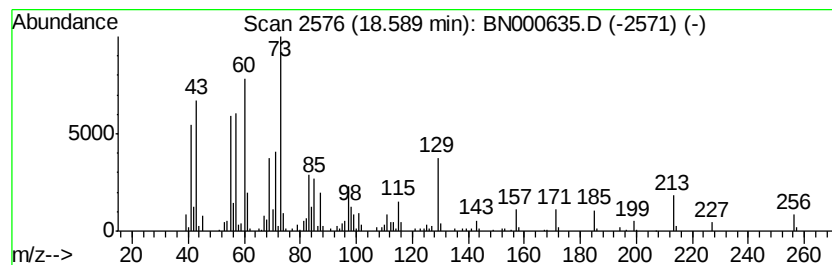
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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.59	6.52 ng/ul	569585	Phenanthrene-d10	17.75	
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	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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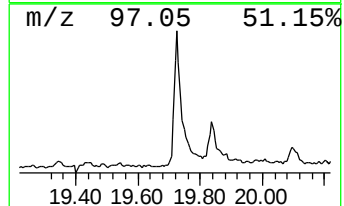
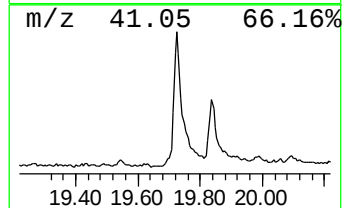
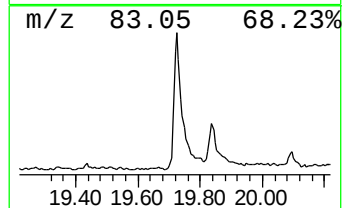
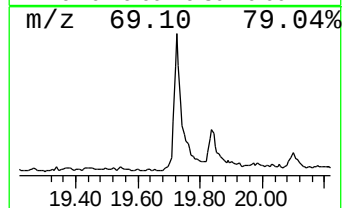
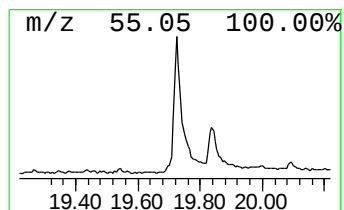
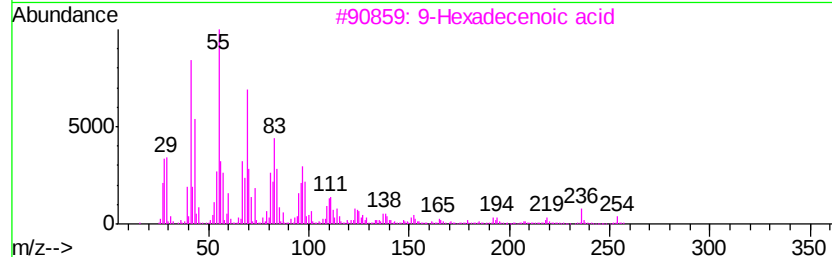
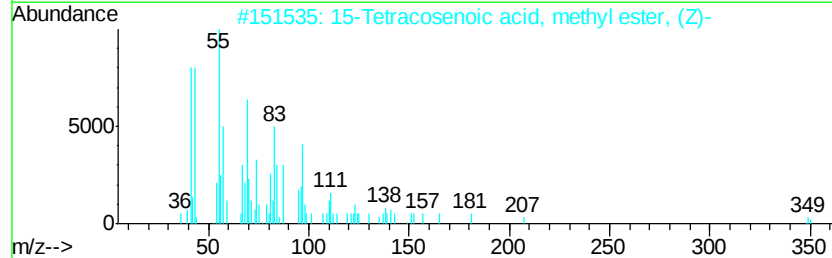
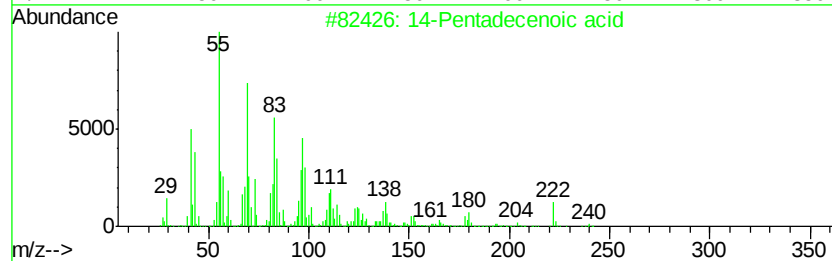
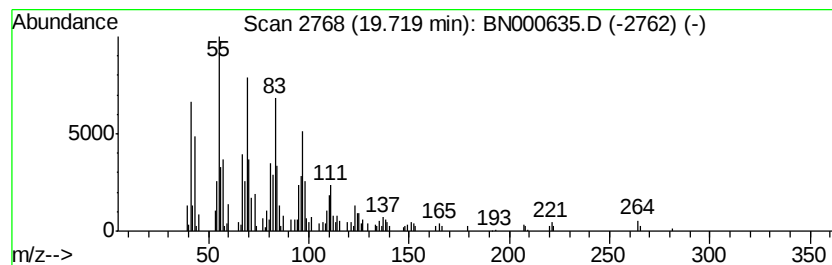
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 14-Pentadecenoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	5.29 ng/ul	461881	Phenanthrene-d10	17.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	76
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	64
3		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	58
4		Oxacyclotetradecan-2-one	212	C13H24O2	001725-04-8	50
5		1-Hexadecanol	242	C16H34O	036653-82-4	45



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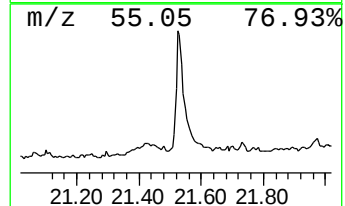
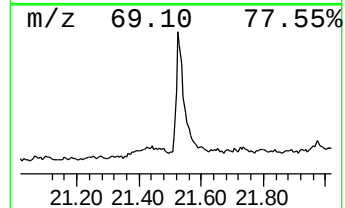
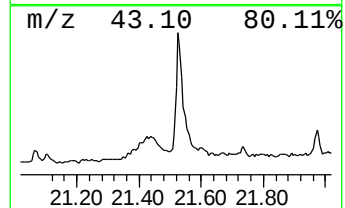
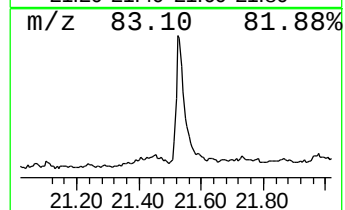
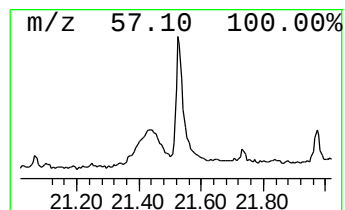
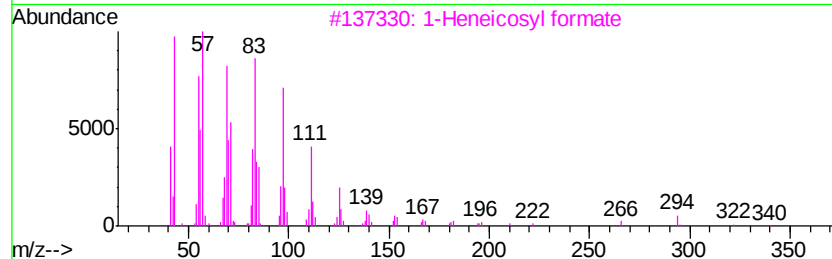
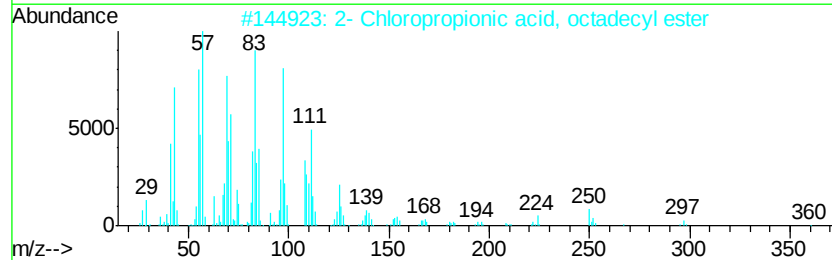
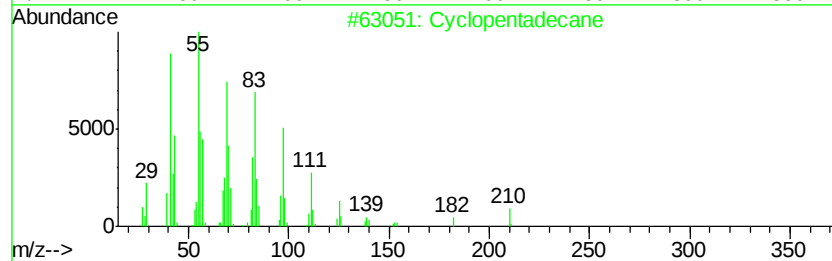
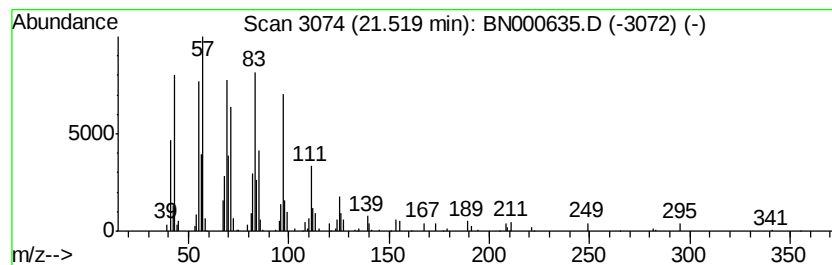
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic21.52 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.52	2.72 ng/ul	290326	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	93
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000635.D
Acq On : 26 Mar 2018 23:53
Operator : JU/SJ
Sample : J1986-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ1

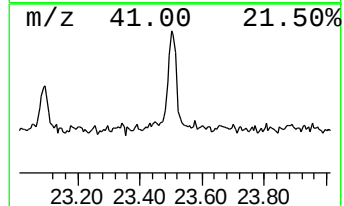
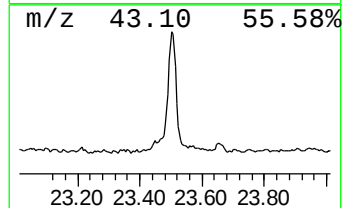
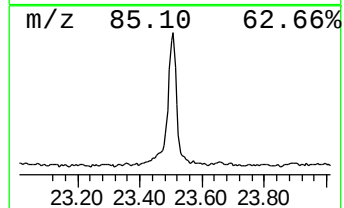
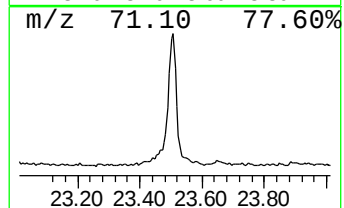
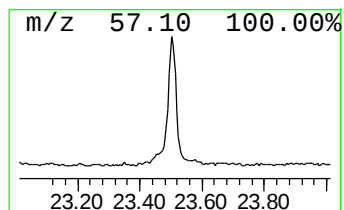
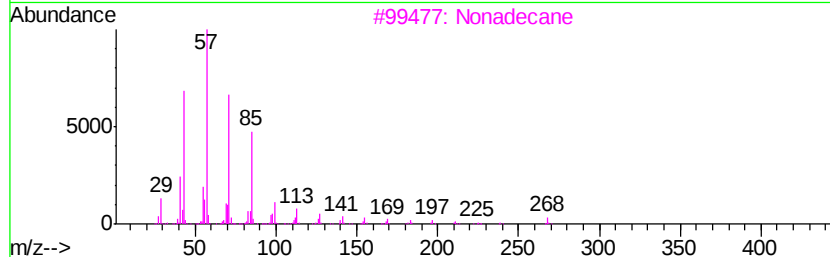
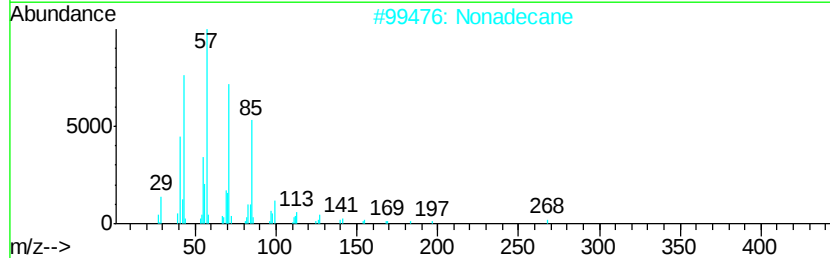
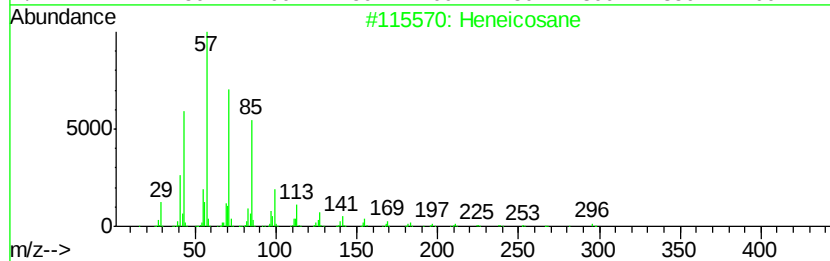
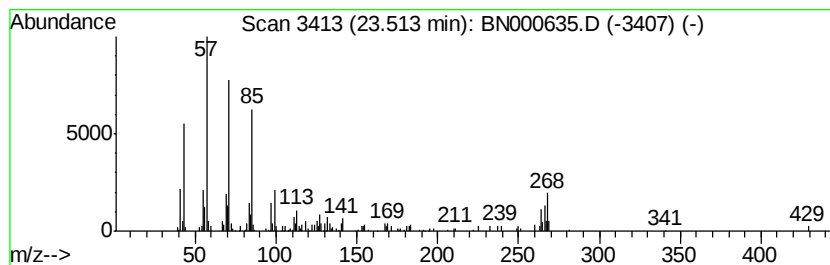
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.51	2.19 ng/ul	249718	Perylene-d12	24.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	90
2	Nonadecane		268	C19H40	000629-92-5	90
3	Nonadecane		268	C19H40	000629-92-5	87
4	Eicosane, 10-methyl-		296	C21H44	054833-23-7	86
5	Nonacosane		408	C29H60	000630-03-5	80



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000635.D
Acq On : 26 Mar 2018 23:53
Operator : JU/SJ
Sample : J1986-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ1

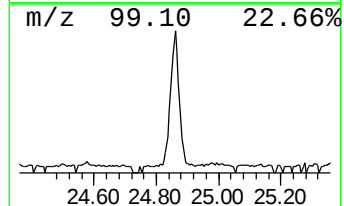
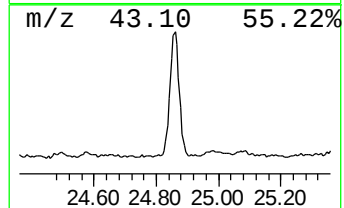
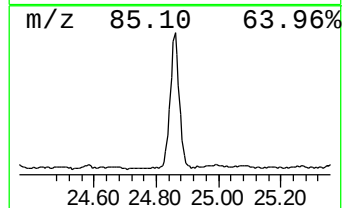
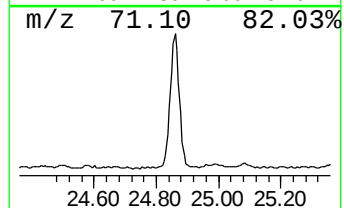
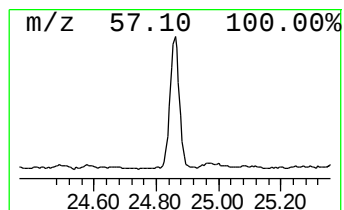
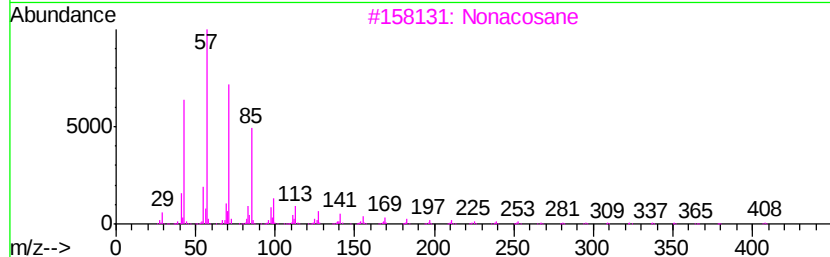
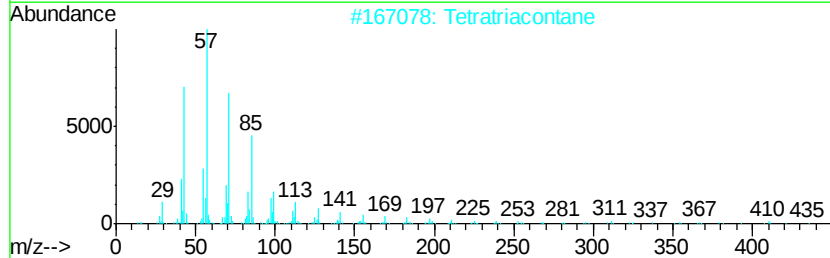
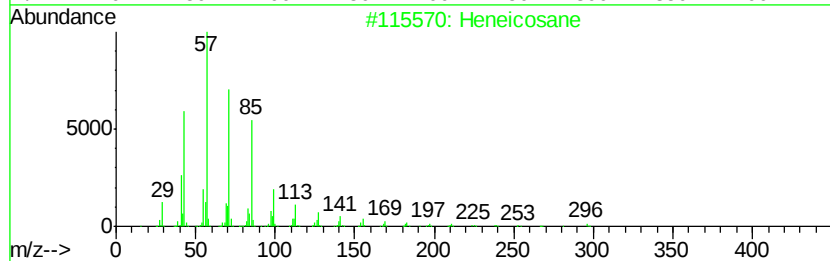
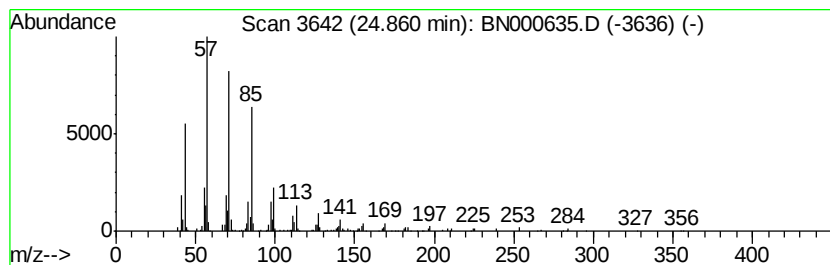
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.86	3.43 ng/ul	391062	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetratriacontane	479	C34H70	014167-59-0	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Eicosane	282	C20H42	000112-95-8	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000635.D
Acq On : 26 Mar 2018 23:53
Operator : JU/SJ
Sample : J1986-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ1

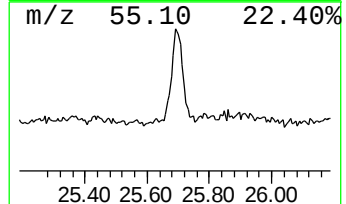
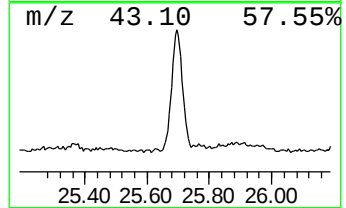
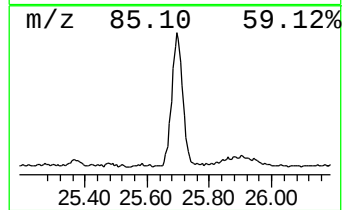
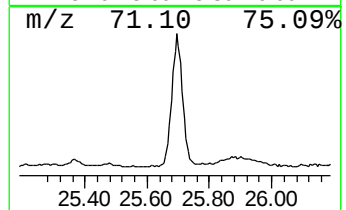
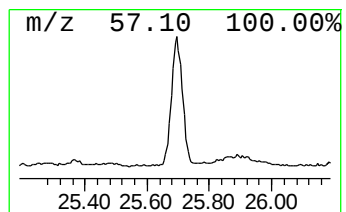
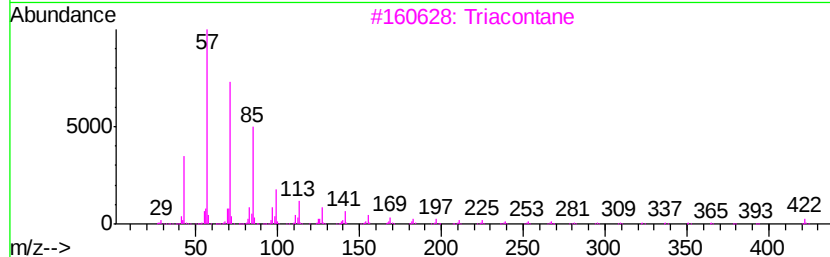
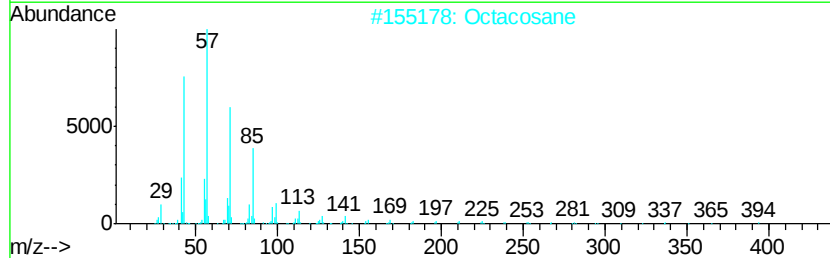
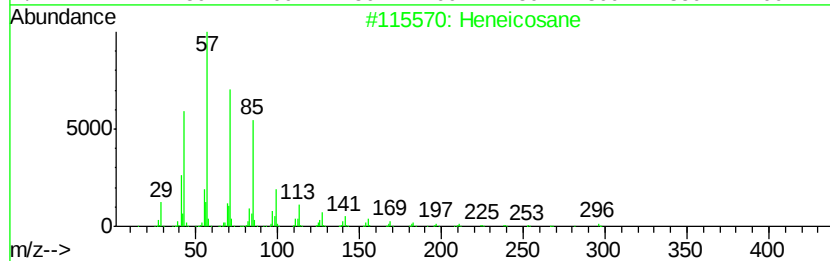
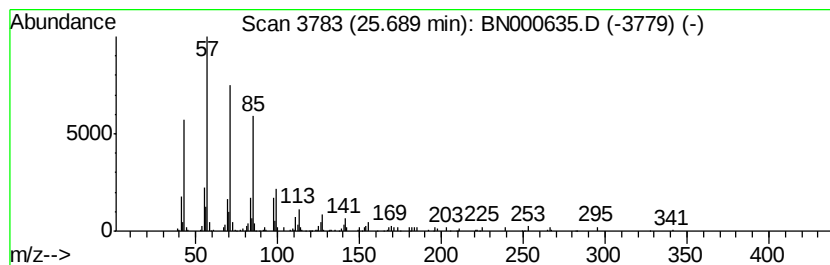
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	2.71 ng/ul	309481	Perylene-d12	24.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Octacosane	394	C28H58	000630-02-4	87
3		Triacontane	422	C30H62	000638-68-6	87
4		Tetratriacontane	479	C34H70	014167-59-0	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000635.D
Acq On : 26 Mar 2018 23:53
Operator : JU/SJ
Sample : J1986-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ1

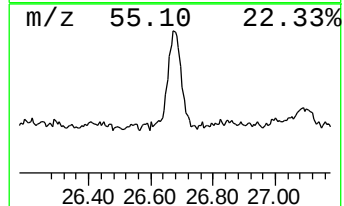
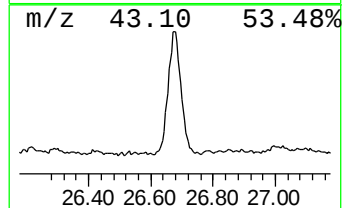
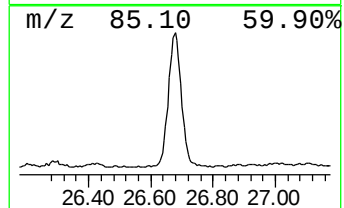
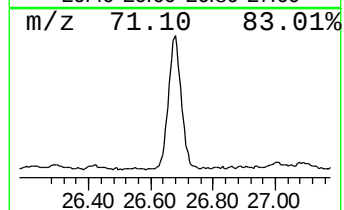
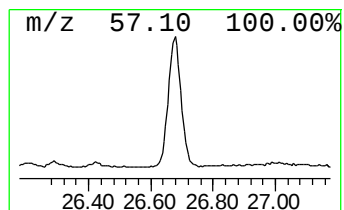
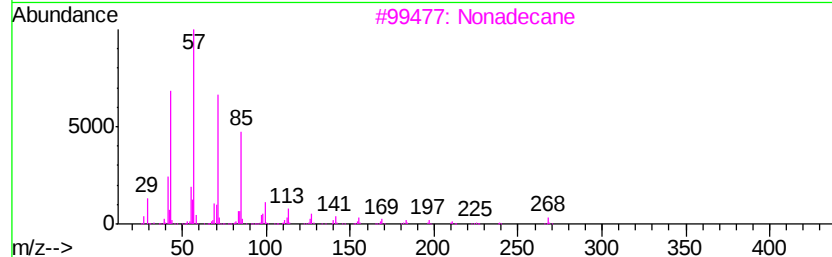
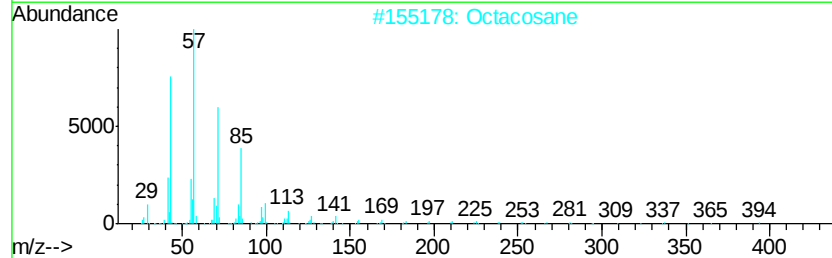
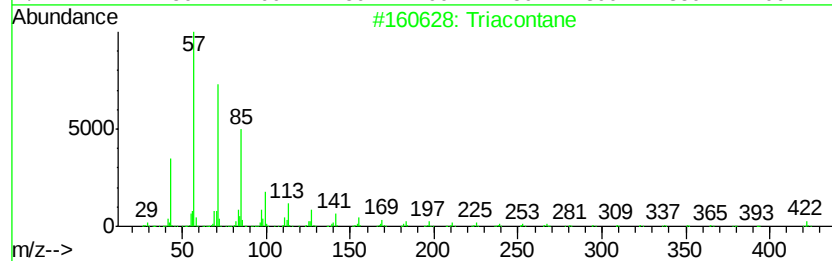
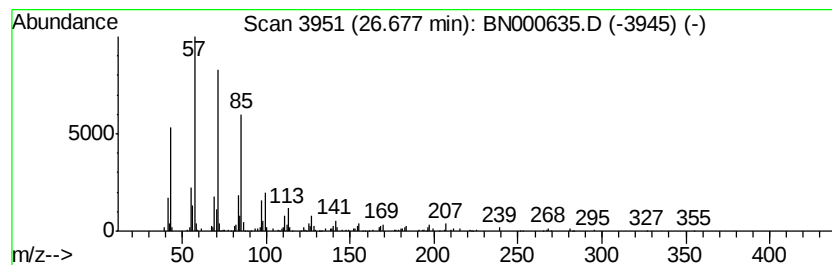
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.68	3.89 ng/ul	443936	Perylene-d12	24.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Octacosane	394	C28H58	000630-02-4	91
3			Nonadecane	268	C19H40	000629-92-5	90
4			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032618\
Data File : BN000635.D
Acq On : 26 Mar 2018 23:53
Operator : JU/SJ
Sample : J1986-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEEJ1

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	6.5	ng/ul	569585	4	17.75	1746850	20.0
14-Pentadecenoic ...	19.72	5.3	ng/ul	461881	4	17.75	1746850	20.0
(DEL) Alkane: Cyc...	21.52	2.7	ng/ul	290326	5	21.88	2138670	20.0
(DEL) Alkane: Str...	23.51	2.2	ng/ul	249718	6	24.35	2280690	20.0
(DEL) Alkane: Str...	24.86	3.4	ng/ul	391062	6	24.35	2280690	20.0
(DEL) Alkane: Str...	25.69	2.7	ng/ul	309481	6	24.35	2280690	20.0
(DEL) Alkane: Str...	26.68	3.9	ng/ul	443936	6	24.35	2280690	20.0