

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006078.D
 Acq On : 04 Jun 2019 23:42
 Operator : JU/SJ
 Sample : K2948-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH96

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	24	28	38	rVB	77978	102089	1.64%	0.150%
2	3.428	71	75	79	rBV5	8148	12590	0.20%	0.018%
3	3.787	131	136	141	rVB	23362	34658	0.56%	0.051%
4	3.881	147	152	159	rVB	13517	22599	0.36%	0.033%
5	3.969	164	167	174	rBV5	8569	15230	0.24%	0.022%
6	4.199	201	206	212	rBV	70614	99751	1.60%	0.146%
7	4.775	298	304	313	rBV2	43851	78270	1.25%	0.115%
8	6.822	644	652	666	rBV	1062435	1731139	27.75%	2.541%
9	6.987	674	680	695	rVB	866472	1347304	21.60%	1.977%
10	7.181	706	713	721	rBV	1143763	1783572	28.59%	2.618%
11	7.246	721	724	738	rVB	55594	111243	1.78%	0.163%
12	7.646	784	792	801	rBV	1004001	1615795	25.90%	2.371%
13	7.710	801	803	810	rVB2	32142	47141	0.76%	0.069%
14	8.357	906	913	928	rBV	1265613	2154788	34.54%	3.162%
15	8.805	980	989	1002	rBV	983406	1699521	27.25%	2.494%
16	8.928	1006	1010	1011	rVV4	7254	10141	0.16%	0.015%
17	8.969	1014	1017	1022	rVB5	8703	12721	0.20%	0.019%
18	9.228	1055	1061	1066	rVB2	9115	16365	0.26%	0.024%
19	9.522	1103	1111	1125	rBV	822187	1430163	22.93%	2.099%
20	10.057	1195	1202	1219	rBV	1278791	2171452	34.81%	3.187%
21	10.434	1259	1266	1279	rBV	1395366	2336922	37.46%	3.430%
22	10.569	1281	1289	1311	rVV	1198189	2170325	34.79%	3.185%
23	12.028	1533	1537	1543	rVB2	16465	24628	0.39%	0.036%
24	12.651	1637	1643	1647	rBV4	3946	8447	0.14%	0.012%
25	12.898	1681	1685	1691	rBV3	6448	9041	0.14%	0.013%
26	13.269	1741	1748	1753	rBV5	4878	8138	0.13%	0.012%
27	13.522	1786	1791	1801	rBV	98722	147353	2.36%	0.216%
28	13.716	1817	1824	1828	rBV	2117919	2918544	46.79%	4.283%
29	13.757	1828	1831	1840	rVB	245105	347255	5.57%	0.510%
30	13.992	1861	1871	1884	rBV	2530821	3792681	60.80%	5.566%
31	14.210	1903	1908	1915	rVB6	5921	11681	0.19%	0.017%
32	14.304	1917	1924	1939	rVV2	1910076	2884939	46.25%	4.234%
33	14.516	1953	1960	1976	rBV	555712	977512	15.67%	1.435%
34	14.645	1980	1982	1986	rVB5	5089	7095	0.11%	0.010%

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Integrator: RTE
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35	14.734	1993	1997	2001	rBV5	15348	19371	0.31%	0.028%
36	15.110	2056	2061	2067	rBV	25905	37218	0.60%	0.055%
37	15.169	2067	2071	2075	rVB4	9670	14025	0.22%	0.021%
38	15.304	2087	2094	2110	rBV	2923806	4396145	70.48%	6.452%
39	15.434	2110	2116	2130	rVV	386496	580225	9.30%	0.852%
40	15.539	2130	2134	2140	rVB2	35607	51553	0.83%	0.076%
41	16.028	2213	2217	2221	rBV4	11135	17111	0.27%	0.025%
42	16.087	2224	2227	2233	rVB5	13379	20113	0.32%	0.030%
43	16.204	2243	2247	2251	rVB6	7963	10758	0.17%	0.016%
44	16.828	2348	2353	2365	rBV7	14544	45097	0.72%	0.066%
45	16.981	2373	2379	2382	rBV7	5763	12587	0.20%	0.018%
46	17.057	2386	2392	2402	rBV2	2276054	3284483	52.65%	4.820%
47	17.157	2402	2409	2422	rVV	3240870	4591163	73.60%	6.738%
48	17.316	2432	2436	2438	rBV4	8872	13525	0.22%	0.020%
49	17.563	2474	2478	2481	rBV7	9365	13827	0.22%	0.020%
50	17.739	2504	2508	2512	rVB7	10375	13257	0.21%	0.019%
51	17.963	2541	2546	2555	rBV	302767	494282	7.92%	0.725%
52	18.257	2593	2596	2599	rBV3	11462	13844	0.22%	0.020%
53	18.898	2702	2705	2707	rBV4	13215	14725	0.24%	0.022%
54	19.010	2720	2724	2729	rBV4	24534	42926	0.69%	0.063%
55	19.092	2735	2738	2743	rBV2	33241	50658	0.81%	0.074%
56	19.251	2762	2765	2777	rBV3	60234	106619	1.71%	0.156%
57	19.351	2778	2782	2787	rVB	33326	42280	0.68%	0.062%
58	19.404	2788	2791	2795	rBV4	15017	15114	0.24%	0.022%
59	19.463	2795	2801	2809	rBV2	3839086	5251488	84.19%	7.707%
60	20.522	2978	2981	2985	rVB3	52400	66513	1.07%	0.098%
61	20.986	3056	3060	3069	rBV	589041	957526	15.35%	1.405%
62	21.269	3103	3108	3121	rBV	2641925	3507946	56.24%	5.148%
63	21.427	3132	3135	3143	rBV	209226	229030	3.67%	0.336%
64	21.863	3205	3209	3213	rBV	360580	443957	7.12%	0.652%
65	22.321	3283	3287	3293	rBV	562451	773596	12.40%	1.135%
66	22.451	3306	3309	3314	rVB	145744	184787	2.96%	0.271%
67	22.827	3369	3373	3381	rVB	661190	939186	15.06%	1.378%
68	23.363	3457	3464	3478	rBV3	2726689	6237799	100.00%	9.154%
69	23.504	3481	3488	3502	rVB	1790460	3565027	57.15%	5.232%
70	24.033	3573	3578	3585	rVB	586234	1048127	16.80%	1.538%
71	24.768	3698	3703	3711	rVB	406459	893199	14.32%	1.311%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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

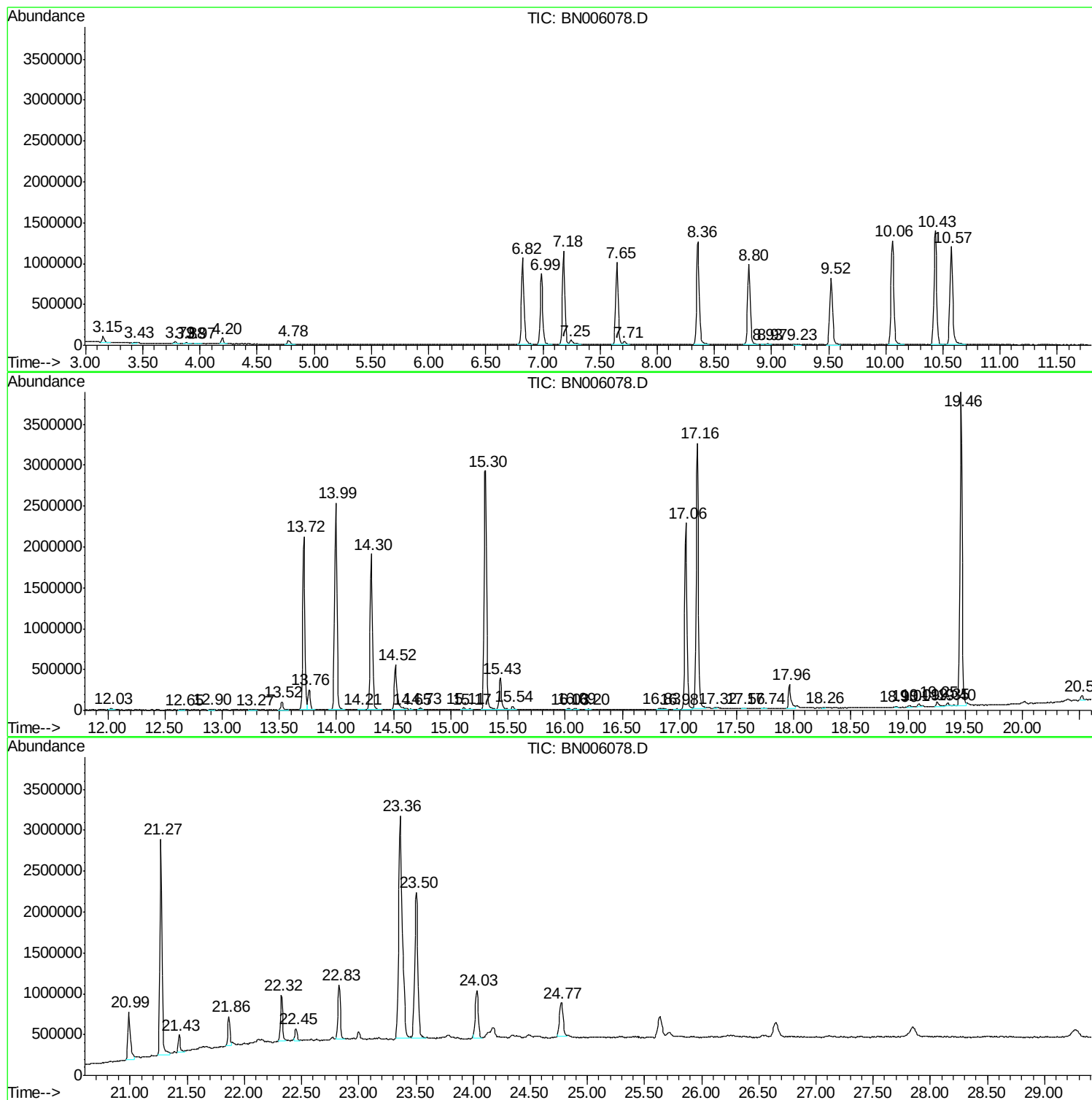
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Instrument :
BNA_N
ClientSampled :
BFH96

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

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
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Sample : K2948-06
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ALS Vial : 18 Sample Multiplier: 1

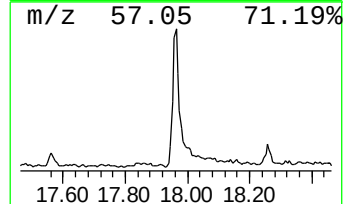
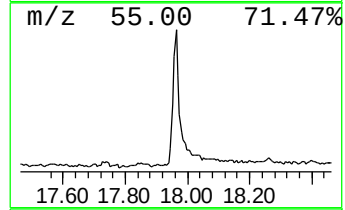
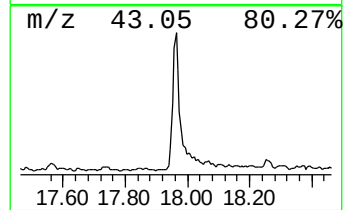
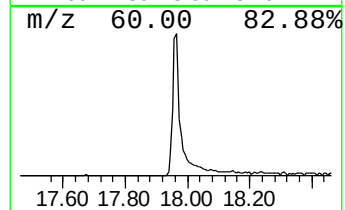
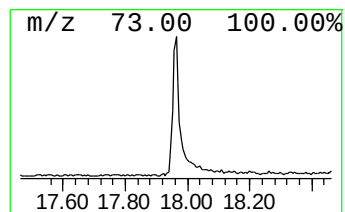
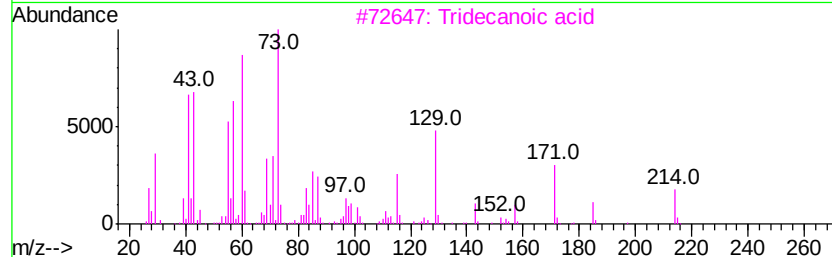
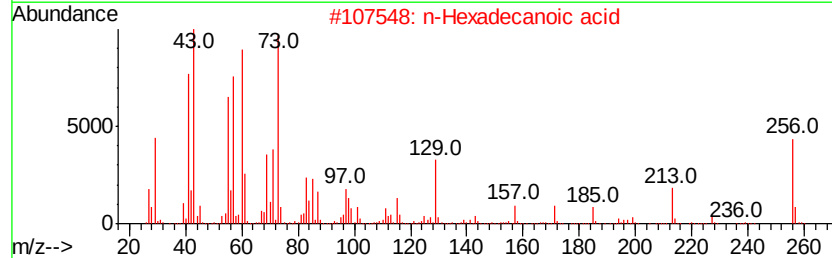
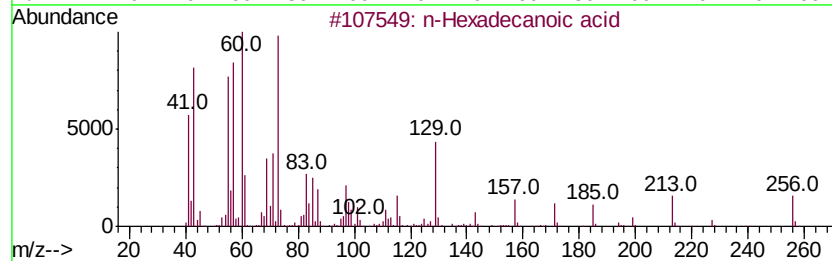
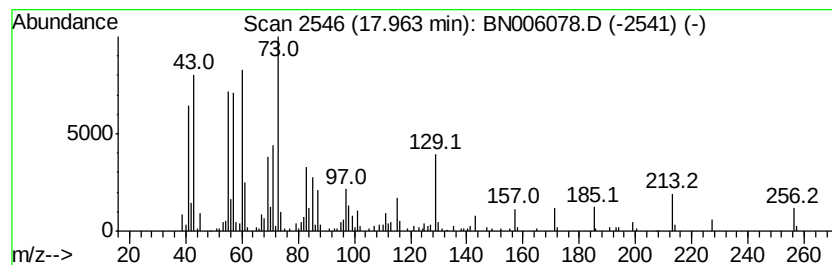
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.96	3.01 ng/ul	494282	Phenanthrene-d10	17.06	
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	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	87



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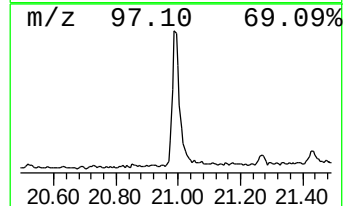
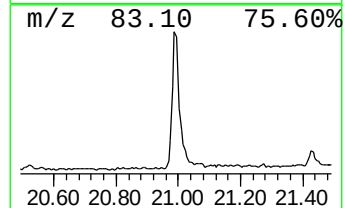
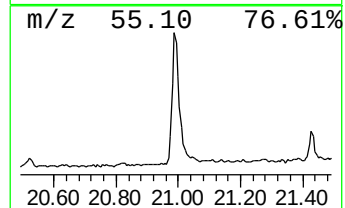
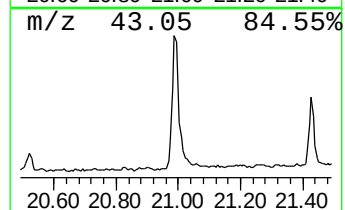
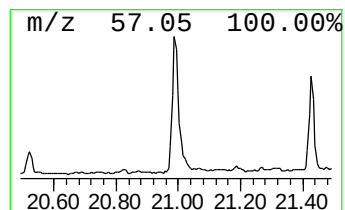
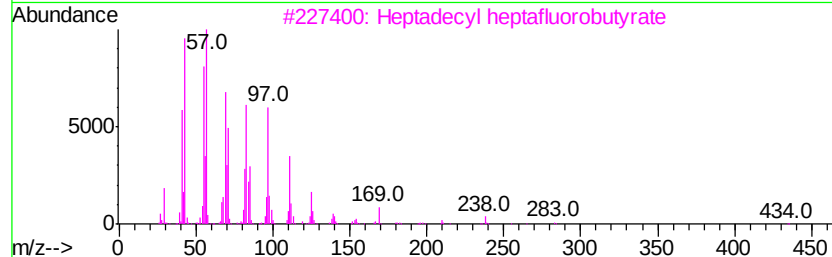
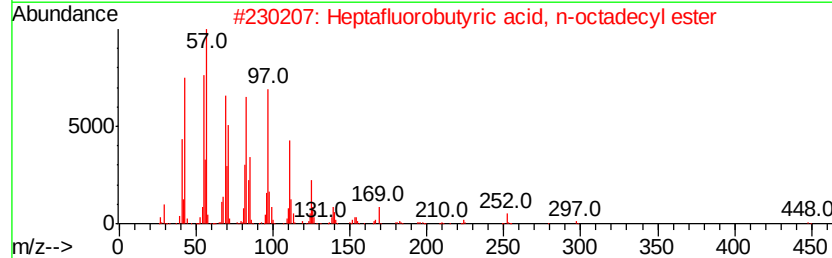
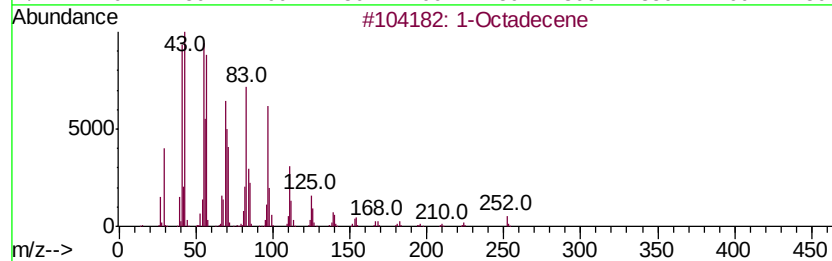
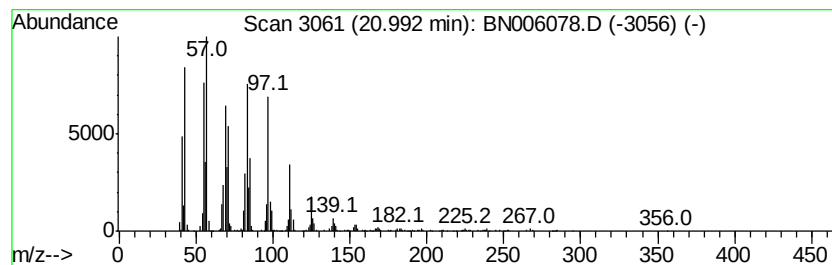
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.46 ng/ul	957526	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	94
2		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		Cyclopentadecane	210	C15H30	000295-48-7	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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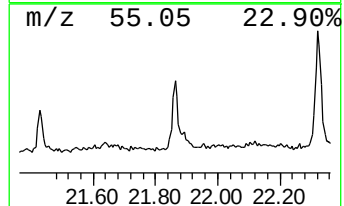
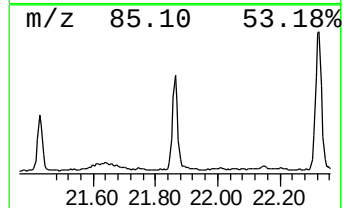
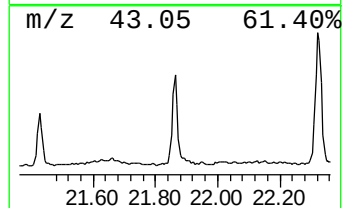
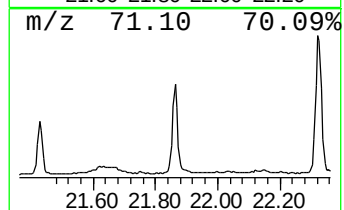
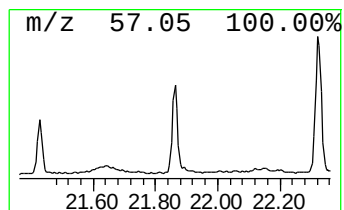
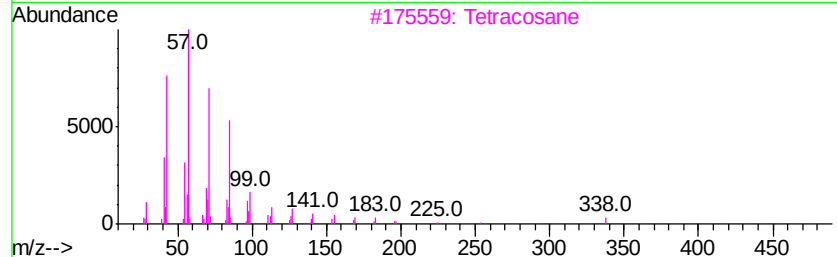
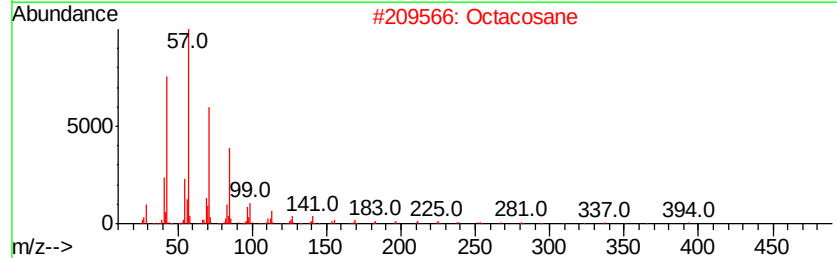
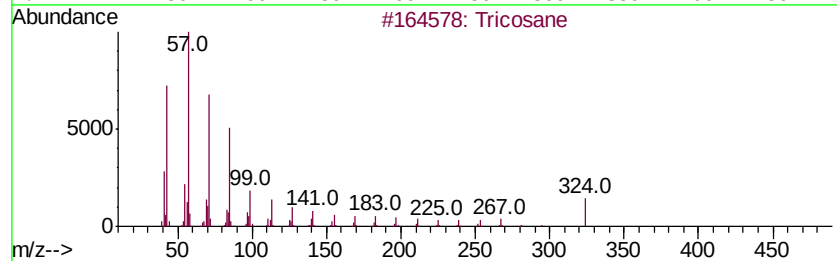
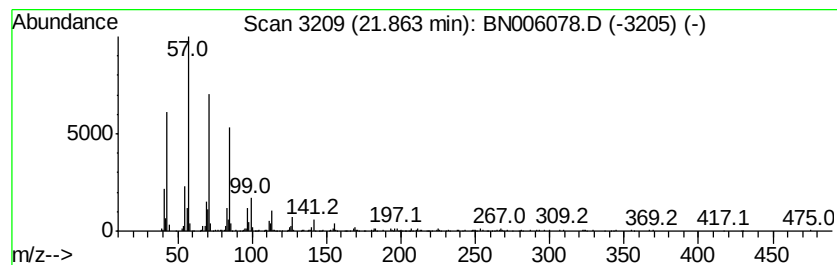
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.53 ng/ul	443957	Chrysene-d12	21.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	93
2			Octacosane	394	C28H58	000630-02-4	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heptacosane	380	C27H56	000593-49-7	91
5			Hexacosane	366	C26H54	000630-01-3	91



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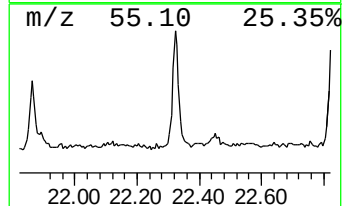
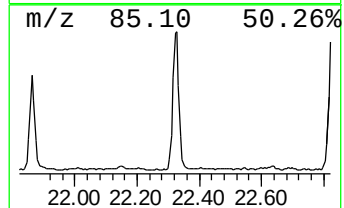
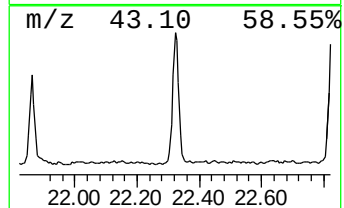
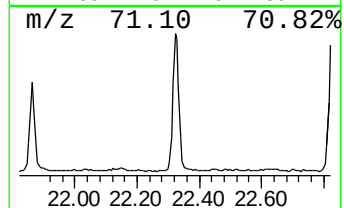
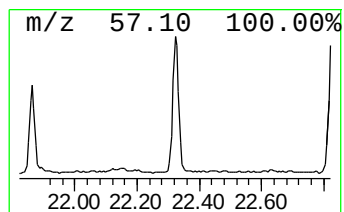
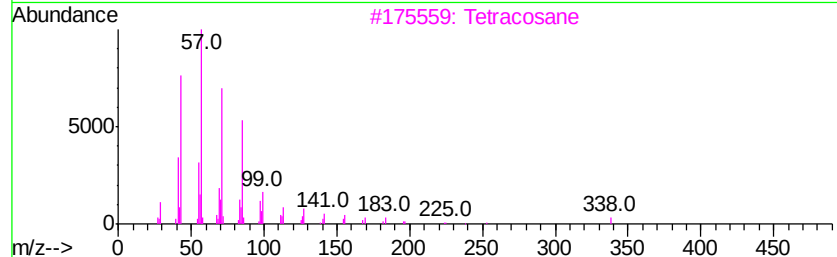
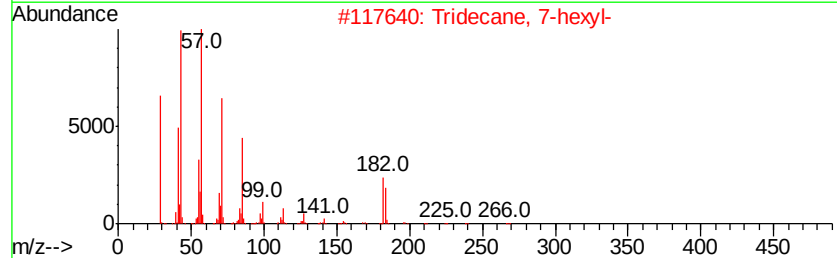
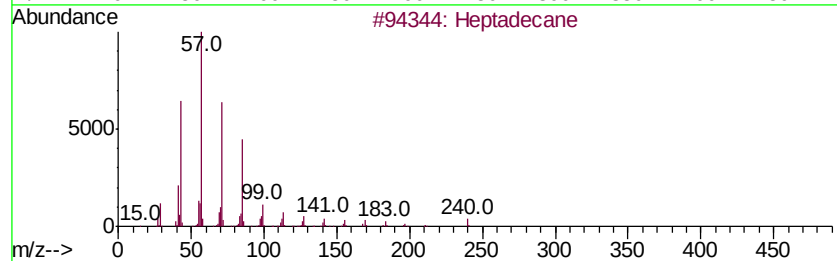
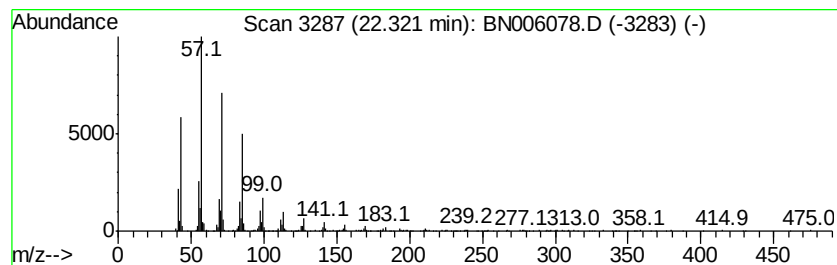
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	4.41 ng/ul	773596	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Tetracosane	338	C24H50	000646-31-1	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006078.D
Acq On : 04 Jun 2019 23:42
Operator : JU/SJ
Sample : K2948-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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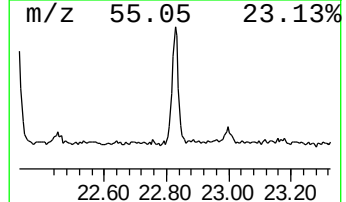
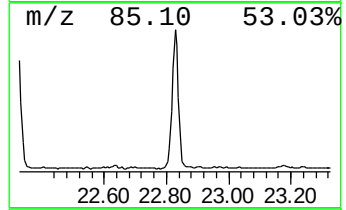
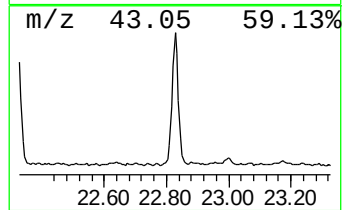
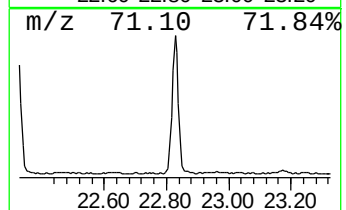
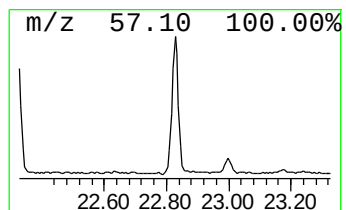
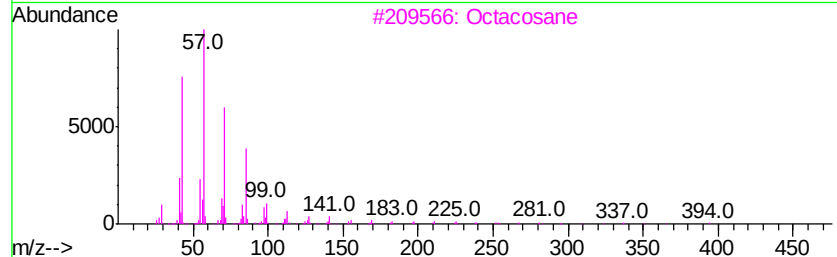
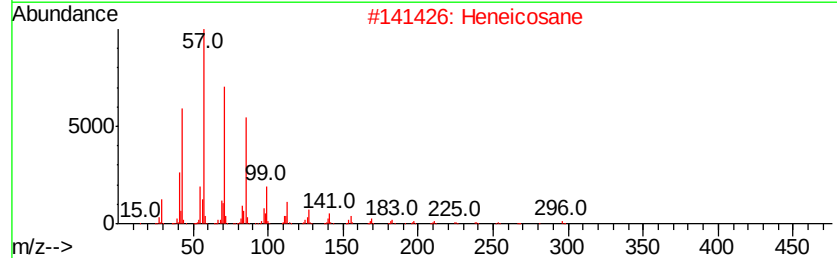
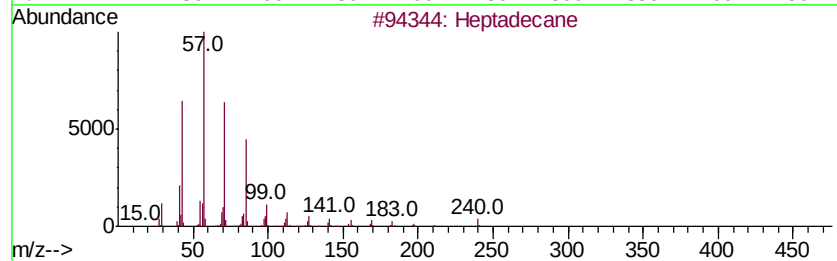
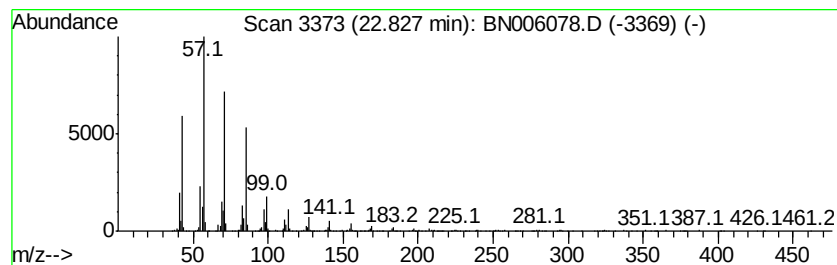
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	5.27 ng/ul	939186	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006078.D
Acq On : 04 Jun 2019 23:42
Operator : JU/SJ
Sample : K2948-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH96

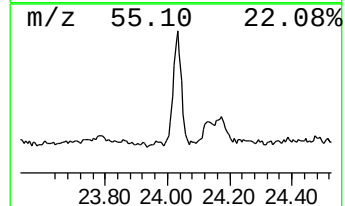
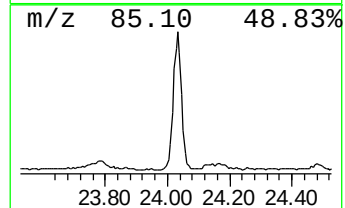
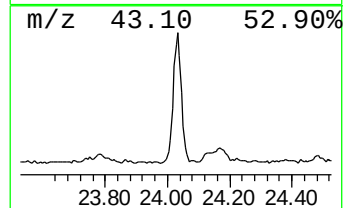
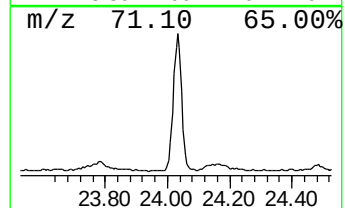
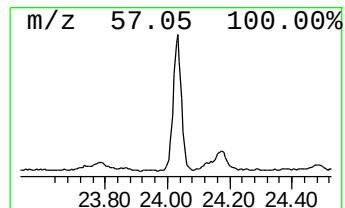
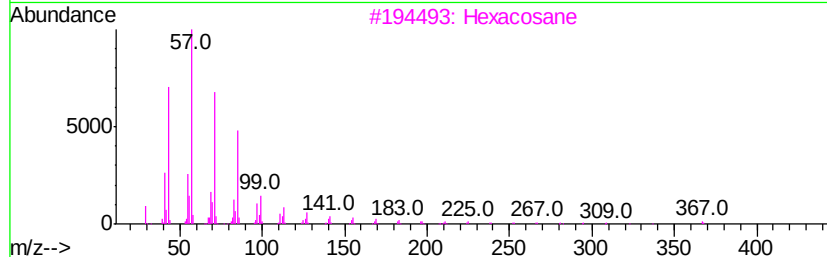
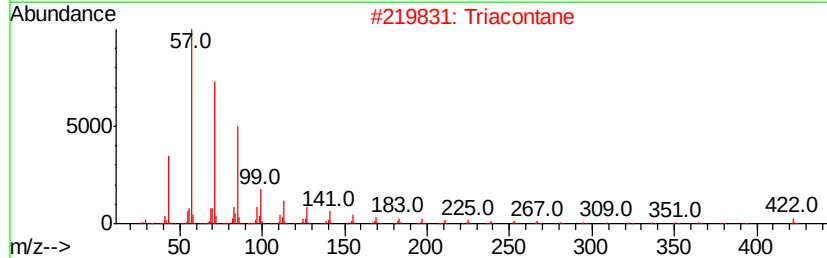
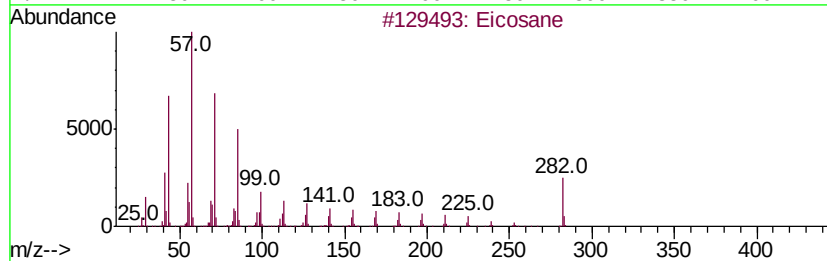
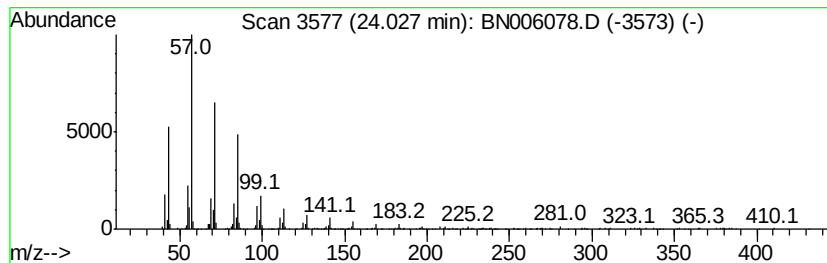
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	5.88 ng/ul	1048130	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Triacontane	422	C30H62	000638-68-6	91
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006078.D
Acq On : 04 Jun 2019 23:42
Operator : JU/SJ
Sample : K2948-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

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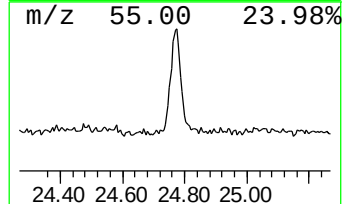
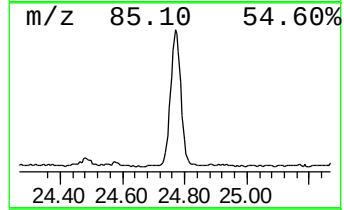
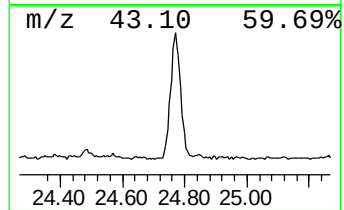
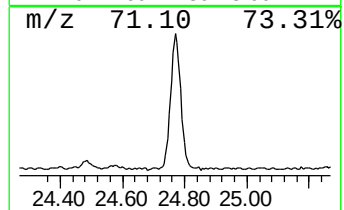
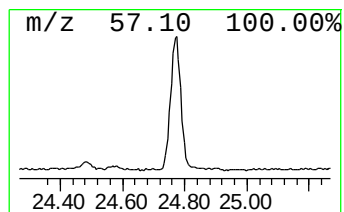
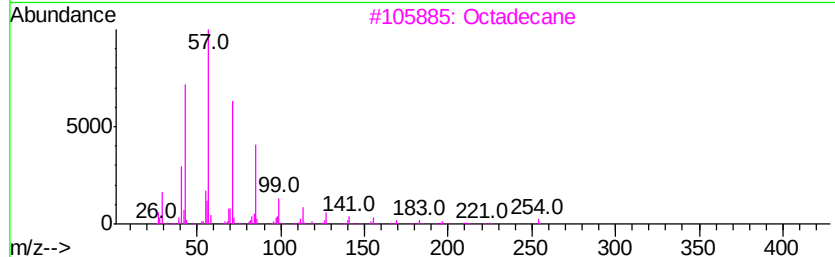
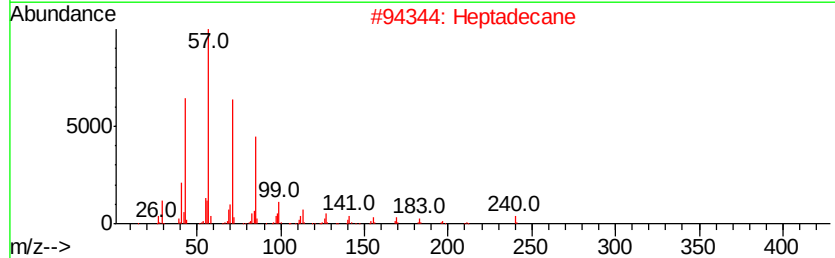
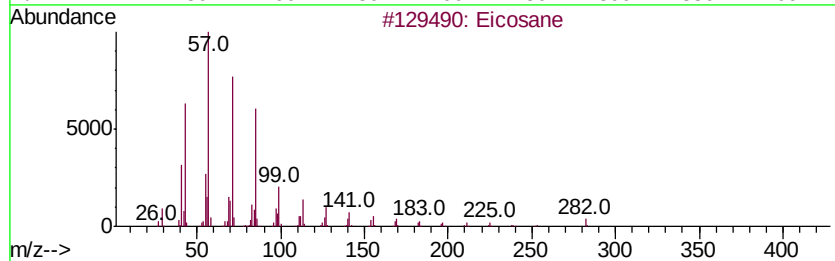
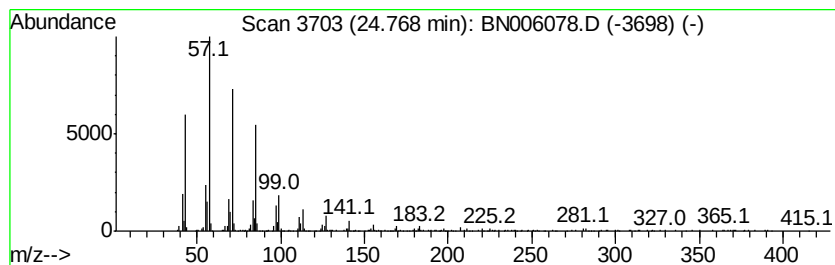
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	5.01 ng/ul	893199	Perylene-d12	23.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	95
2			Heptadecane	240	C17H36	000629-78-7	94
3			Octadecane	254	C18H38	000593-45-3	94
4			Octadecane	254	C18H38	000593-45-3	93
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
Data File : BN006078.D
Acq On : 04 Jun 2019 23:42
Operator : JU/SJ
Sample : K2948-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH96

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	3.0	ng/ul	494282	4	17.06	3284480	20.0
(DEL) Alkane: Cyc...	20.99	5.5	ng/ul	957526	5	21.27	3507950	20.0
(DEL) Alkane: Str...	21.86	2.5	ng/ul	443957	5	21.27	3507950	20.0
(DEL) Alkane: Str...	22.32	4.4	ng/ul	773596	5	21.27	3507950	20.0
(DEL) Alkane: Str...	22.83	5.3	ng/ul	939186	6	23.50	3565030	20.0
(DEL) Alkane: Str...	24.03	5.9	ng/ul	1048130	6	23.50	3565030	20.0
(DEL) Alkane: Str...	24.77	5.0	ng/ul	893199	6	23.50	3565030	20.0