

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019839.D
 Acq On : 09 Apr 2019 21:42
 Operator : JU/SJ
 Sample : K2255-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC21

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_M\METHODS\SOM-EPA-BM032219MA.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	3.116	20	22	35	rVB	35031	58537	3.53%	0.317%
2	3.687	117	119	121	rBV2	4574	2407	0.15%	0.013%
3	3.740	126	128	130	rBV3	2814	2813	0.17%	0.015%
4	3.804	137	139	142	rBV4	3241	3420	0.21%	0.019%
5	3.910	155	157	158	rBV2	3773	2095	0.13%	0.011%
6	4.622	277	278	281	rBV3	2740	2100	0.13%	0.011%
7	4.675	285	287	290	rBV3	2516	3569	0.22%	0.019%
8	4.704	290	292	297	rVB5	3837	4681	0.28%	0.025%
9	4.893	322	324	327	rVB3	2622	3109	0.19%	0.017%
10	5.257	383	386	388	rBV3	1991	2985	0.18%	0.016%
11	5.675	455	457	463	rBV5	1983	2250	0.14%	0.012%
12	6.045	518	520	523	rVB3	2242	2205	0.13%	0.012%
13	6.534	600	603	606	rVB	2245	2981	0.18%	0.016%
14	6.575	606	610	613	rBV2	2556	2980	0.18%	0.016%
15	6.634	616	620	621	rVB3	1811	2058	0.12%	0.011%
16	6.751	634	640	655	rBV	162675	368100	22.22%	1.994%
17	6.910	662	667	682	rBV	149918	286980	17.32%	1.555%
18	7.092	691	698	715	rVB	248562	423890	25.59%	2.297%
19	7.328	735	738	741	rBV3	1346	2101	0.13%	0.011%
20	7.551	770	776	787	rBV	374491	644570	38.91%	3.492%
21	8.281	894	900	917	rBV	212692	449521	27.14%	2.436%
22	8.733	970	977	990	rBV	182147	354292	21.39%	1.920%
23	9.039	1025	1029	1033	rBV2	7768	9284	0.56%	0.050%
24	9.445	1091	1098	1114	rBV	152286	300937	18.17%	1.631%
25	9.580	1118	1121	1124	rBV	1924	2524	0.15%	0.014%
26	9.875	1166	1171	1174	rBV3	1026	2371	0.14%	0.013%
27	9.986	1184	1190	1216	rBV	165862	430675	26.00%	2.334%
28	10.280	1235	1240	1242	rBV	1438	2562	0.15%	0.014%
29	10.333	1242	1249	1258	rVV	486960	814256	49.15%	4.412%
30	10.516	1274	1280	1296	rBV	138827	376349	22.72%	2.039%
31	10.639	1298	1301	1306	rVV6	5144	10731	0.65%	0.058%
32	11.745	1486	1489	1491	rBV3	2037	2609	0.16%	0.014%
33	11.904	1511	1516	1523	rBV2	12190	25475	1.54%	0.138%
34	11.957	1523	1525	1528	rVV3	3070	3982	0.24%	0.022%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019839.D
 Acq On : 09 Apr 2019 21:42
 Operator : JU/SJ
 Sample : K2255-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC21

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_M\METHODS\SOM-EPA-BM032219MA.M
 Title : SVOA CALIBRATION

35	12.833	1671	1674	1678	rBV	1172	2037	0.12%	0.011%
36	13.016	1702	1705	1706	rBV3	2309	2393	0.14%	0.013%
37	13.098	1710	1719	1724	rBV2	11445	19689	1.19%	0.107%
38	13.280	1748	1750	1753	rBV	2007	2167	0.13%	0.012%
39	13.457	1777	1780	1784	rVB	1874	2604	0.16%	0.014%
40	13.492	1784	1786	1789	rBV	2013	2405	0.15%	0.013%
41	13.639	1805	1811	1817	rBV	391418	623382	37.63%	3.378%
42	13.692	1817	1820	1830	rVV	98725	157461	9.51%	0.853%
43	13.910	1850	1857	1866	rBV	508106	744690	44.95%	4.035%
44	14.133	1887	1895	1903	rBV2	20324	59850	3.61%	0.324%
45	14.215	1903	1909	1917	rVV2	633740	1016290	61.35%	5.507%
46	14.268	1917	1918	1920	rVV2	4455	3564	0.22%	0.019%
47	14.292	1920	1922	1927	rVB2	2288	3432	0.21%	0.019%
48	14.445	1945	1948	1952	rBV3	1982	3204	0.19%	0.017%
49	14.545	1958	1965	1974	rBV6	23899	84287	5.09%	0.457%
50	14.662	1980	1985	1990	rVV7	7106	13499	0.81%	0.073%
51	14.721	1993	1995	1997	rVB2	3565	2960	0.18%	0.016%
52	15.015	2040	2045	2047	rBV3	2435	3842	0.23%	0.021%
53	15.057	2049	2052	2056	rVV4	3740	5728	0.35%	0.031%
54	15.221	2074	2080	2091	rBV	584927	921115	55.60%	4.991%
55	15.292	2091	2092	2098	rVB3	2805	3040	0.18%	0.016%
56	15.398	2105	2110	2119	rBV2	47004	90108	5.44%	0.488%
57	15.468	2120	2122	2127	rVB2	5626	5704	0.34%	0.031%
58	15.604	2142	2145	2147	rBV	1955	2179	0.13%	0.012%
59	15.933	2195	2201	2206	rBV6	2368	6282	0.38%	0.034%
60	16.115	2229	2232	2233	rVV3	3017	2702	0.16%	0.015%
61	16.127	2233	2234	2239	rVV2	2573	2464	0.15%	0.013%
62	16.180	2239	2243	2245	rVV	3326	2793	0.17%	0.015%
63	16.262	2255	2257	2260	rBV2	1893	2324	0.14%	0.013%
64	16.392	2275	2279	2284	rBV3	6569	13009	0.79%	0.070%
65	16.515	2299	2300	2304	rVB2	2373	2320	0.14%	0.013%
66	16.715	2332	2334	2337	rBV4	2139	2489	0.15%	0.013%
67	16.756	2337	2341	2342	rVV2	2996	3559	0.21%	0.019%
68	16.768	2342	2343	2347	rVB3	2619	2370	0.14%	0.013%
69	16.980	2371	2379	2389	rBV	740806	1046256	63.16%	5.669%
70	17.080	2390	2396	2406	rVV2	607562	957740	57.82%	5.189%
71	17.262	2425	2427	2432	rVB4	2505	3387	0.20%	0.018%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019839.D
 Acq On : 09 Apr 2019 21:42
 Operator : JU/SJ
 Sample : K2255-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC21

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_M\METHODS\SOM-EPA-BM032219MA.M
 Title : SVOA CALIBRATION

72	17.362	2440	2444	2450	rVB6	9614	15296	0.92%	0.083%
73	17.451	2457	2459	2461	rBV3	2920	2436	0.15%	0.013%
74	17.645	2489	2492	2494	rBV4	4257	4321	0.26%	0.023%
75	17.715	2502	2504	2505	rVB2	3087	2038	0.12%	0.011%
76	17.745	2505	2509	2513	rBV6	11286	19776	1.19%	0.107%
77	17.874	2523	2531	2541	rBV	140576	265738	16.04%	1.440%
78	18.056	2559	2562	2564	rVB4	3528	3613	0.22%	0.020%
79	18.586	2651	2652	2653	rBV	4211	2133	0.13%	0.012%
80	18.662	2661	2665	2666	rBV4	5144	5843	0.35%	0.032%
81	18.698	2669	2671	2674	rVB4	4890	4482	0.27%	0.024%
82	18.745	2674	2679	2682	rBV6	14666	23947	1.45%	0.130%
83	18.850	2694	2697	2699	rBV2	4225	4857	0.29%	0.026%
84	19.021	2722	2726	2728	rBV6	15293	22018	1.33%	0.119%
85	19.056	2730	2732	2736	rVB	20299	28688	1.73%	0.155%
86	19.162	2746	2750	2755	rBV2	46672	78493	4.74%	0.425%
87	19.392	2783	2789	2799	rBV2	781933	1100666	66.44%	5.964%
88	19.627	2825	2829	2838	rBV	145545	223727	13.51%	1.212%
89	20.327	2945	2948	2953	rBV2	46438	56398	3.40%	0.306%
90	20.891	3040	3044	3049	rBV2	225614	294247	17.76%	1.594%
91	21.097	3076	3079	3083	rVB	52682	58078	3.51%	0.315%
92	21.197	3091	3096	3108	rBV	878001	1356624	81.89%	7.351%
93	21.327	3115	3118	3121	rBV2	49959	55526	3.35%	0.301%
94	21.750	3187	3190	3192	rBV	96485	97368	5.88%	0.528%
95	22.197	3263	3266	3271	rVB	186945	214523	12.95%	1.162%
96	22.321	3284	3287	3293	rVB	164150	228251	13.78%	1.237%
97	22.685	3346	3349	3355	rVB	277600	380242	22.95%	2.060%
98	23.256	3438	3446	3453	rBV3	667557	1656556	100.00%	8.976%
99	23.397	3465	3470	3481	rVB	729065	1387110	83.73%	7.516%
100	23.856	3544	3548	3555	rVB2	226406	430143	25.97%	2.331%

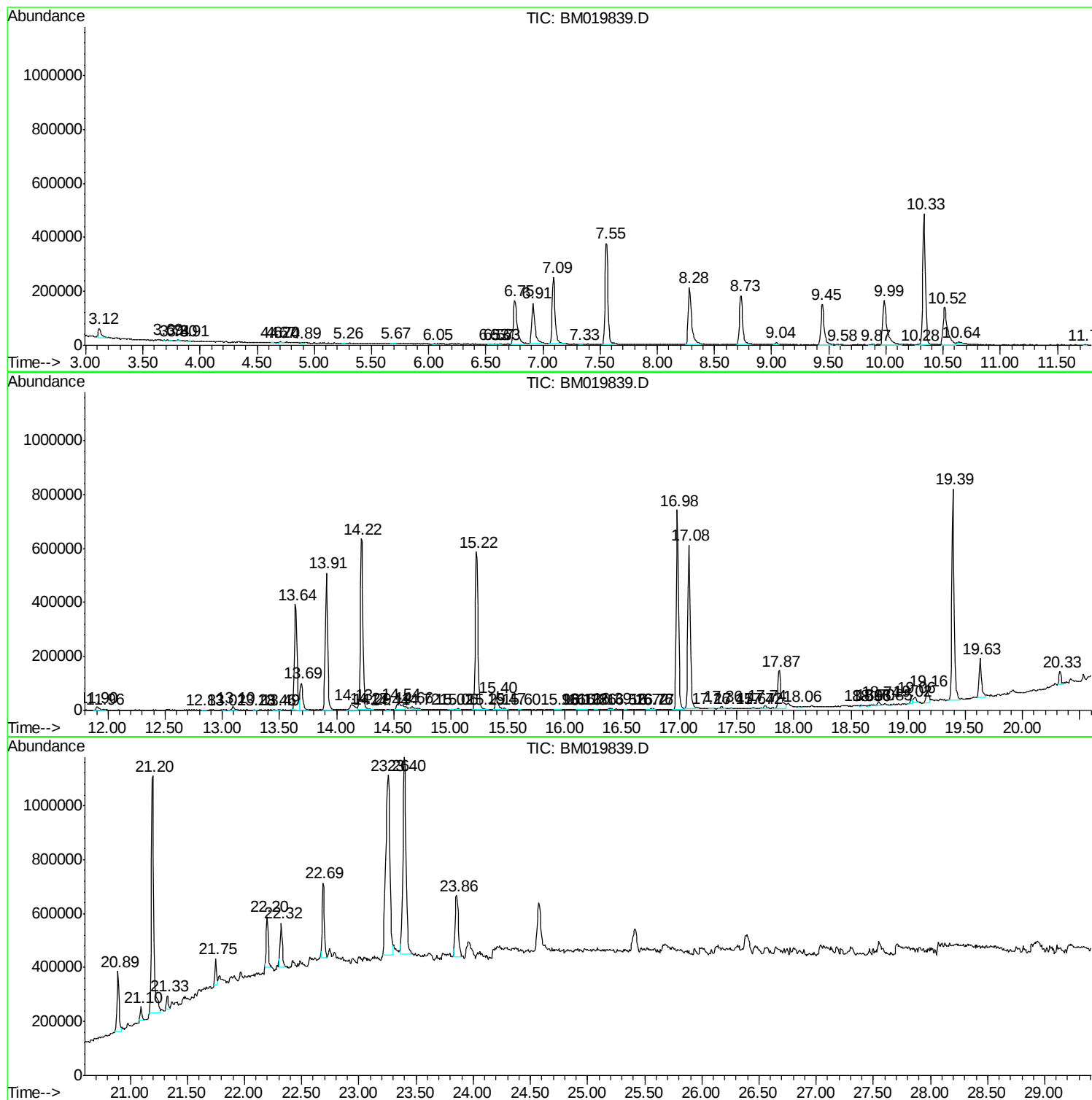
Sum of corrected areas: 18455862

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

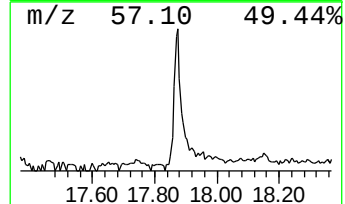
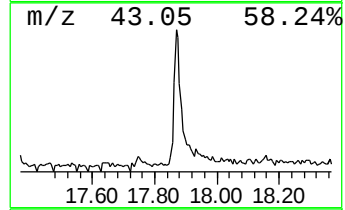
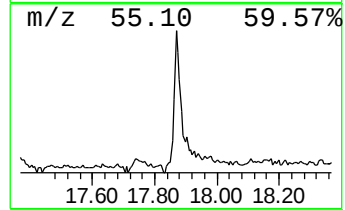
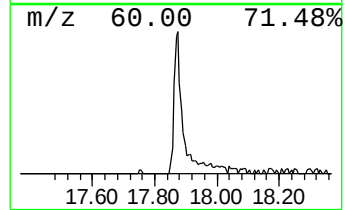
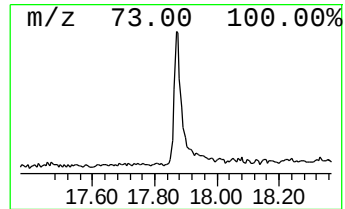
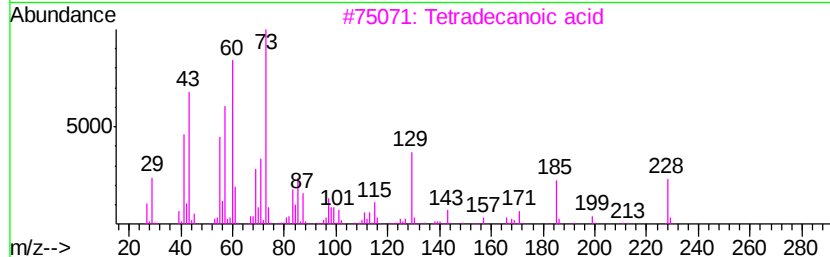
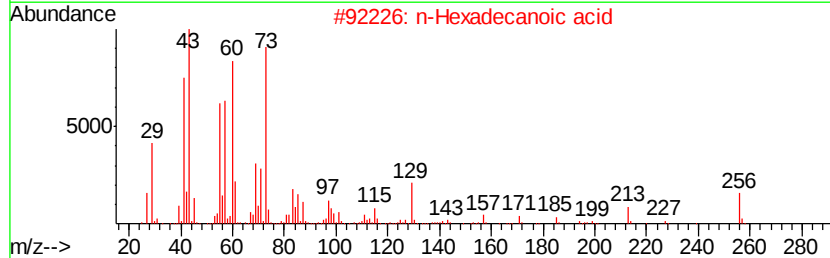
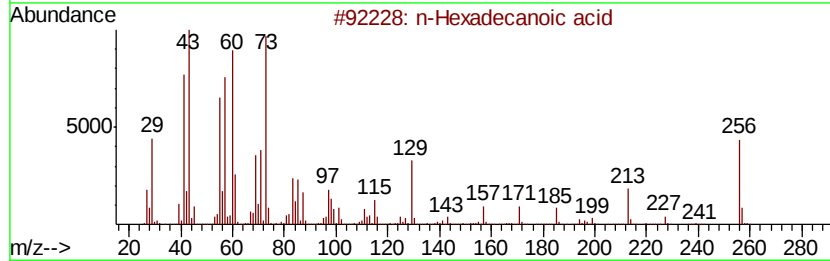
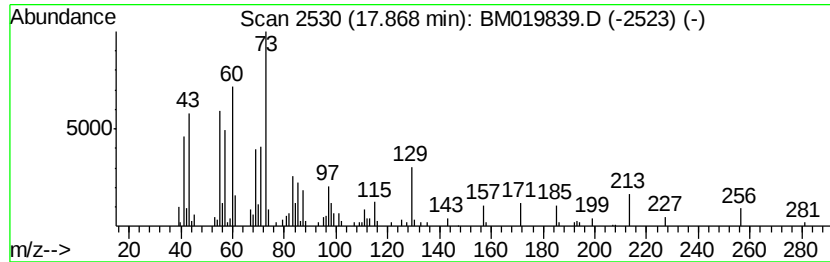
Instrument :
BNA_M
ClientSampleId :
BFC21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	5.08 ng/ul	265738	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

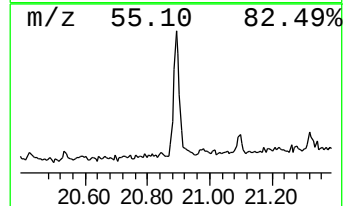
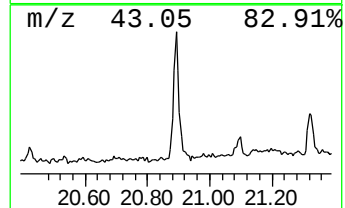
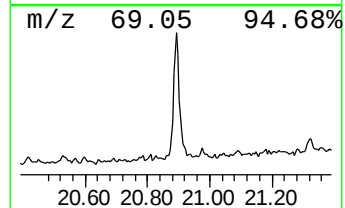
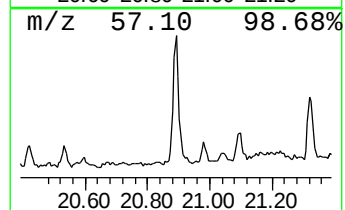
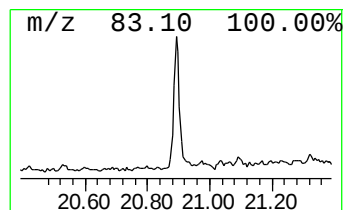
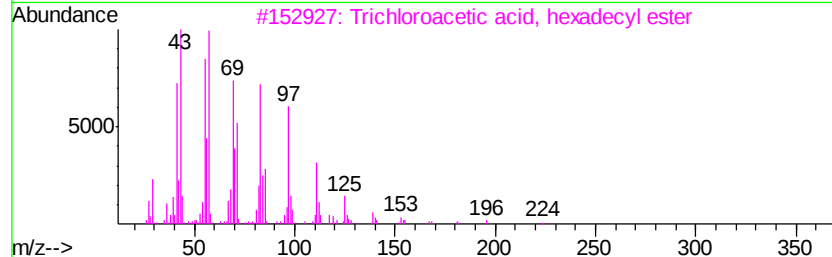
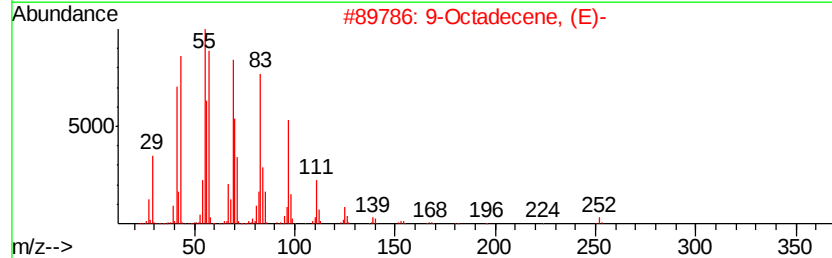
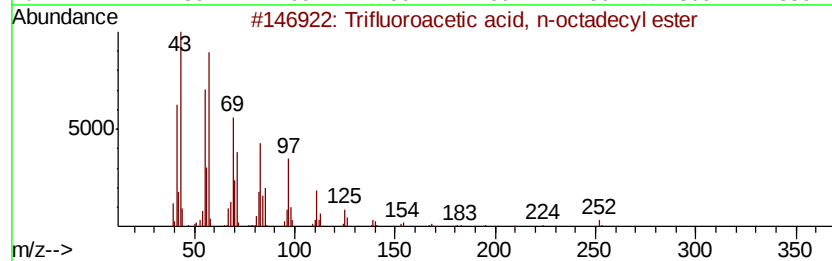
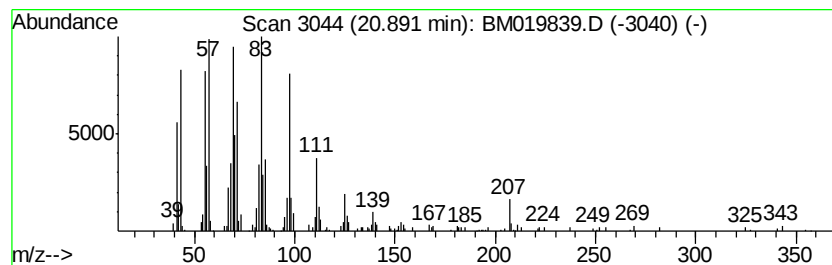
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Trifluoroacetic acid, n-oct... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	4.34 ng/ul	294247	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
2		9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5		1-Tetracosanol	354	C24H50O	000506-51-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

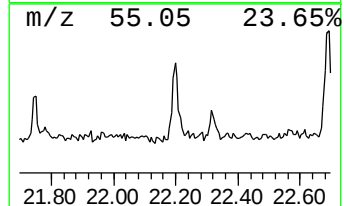
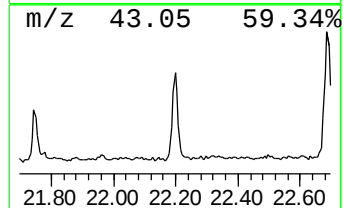
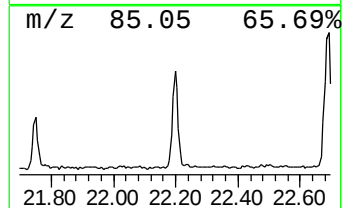
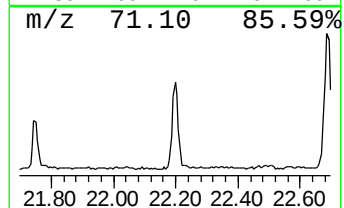
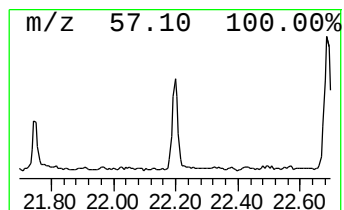
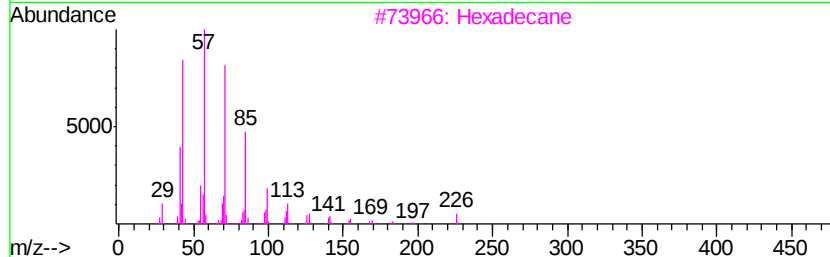
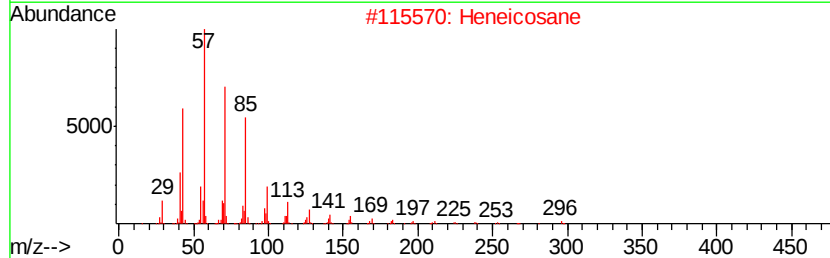
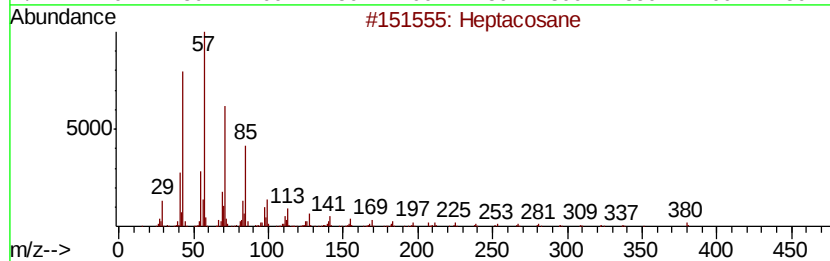
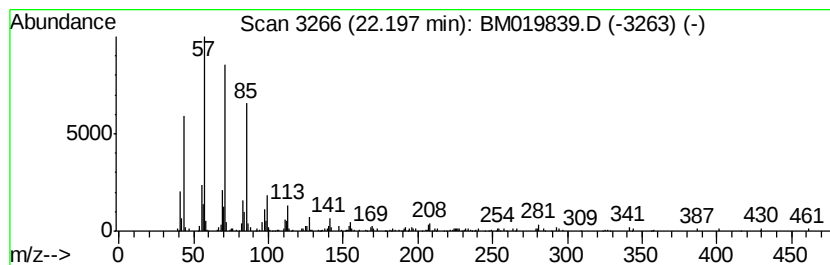
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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.
22.20	3.16 ng/ul	214523	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Docosane, 7-butyl-	366	C26H54	055282-15-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

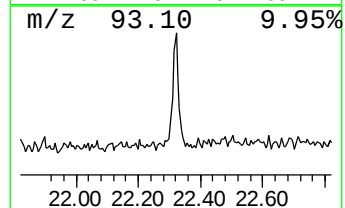
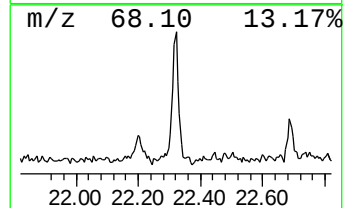
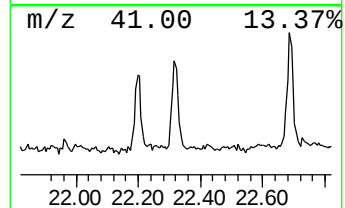
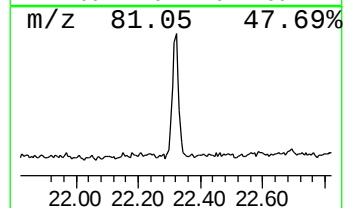
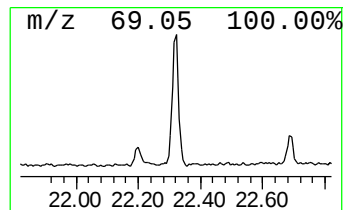
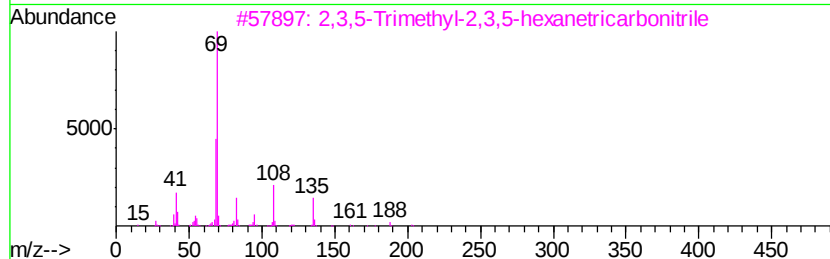
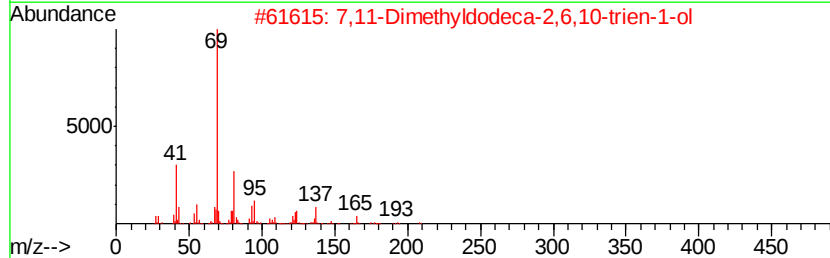
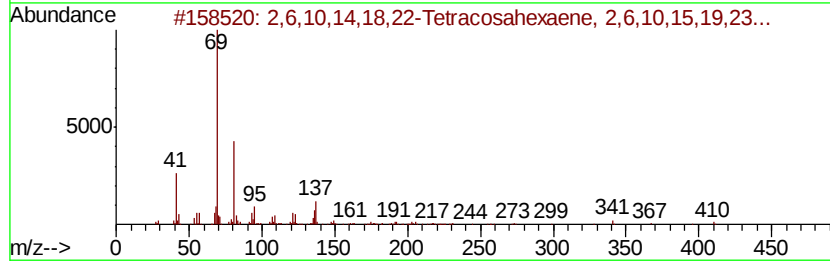
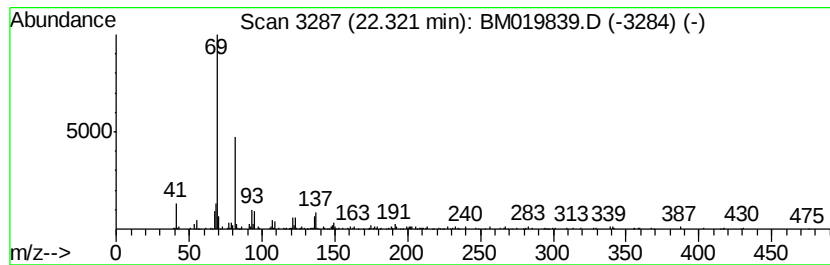
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.29 ng/ul	228251	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72		
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72		
3	2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	64		
4	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	53		
5	Trifluoroacetyl-lavandulol	250	C12H17F3O2	028673-24-7	53		



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

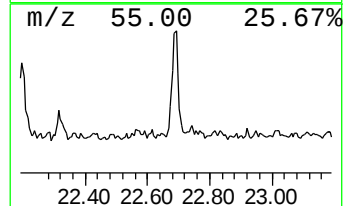
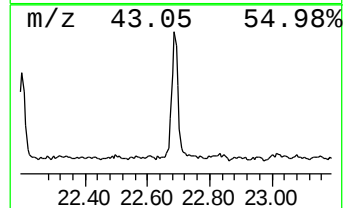
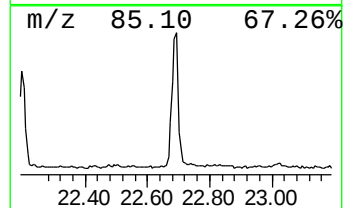
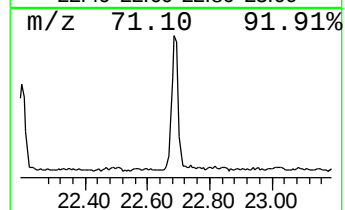
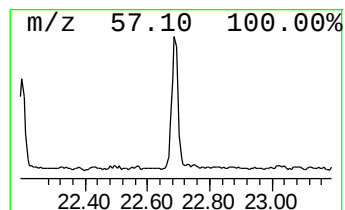
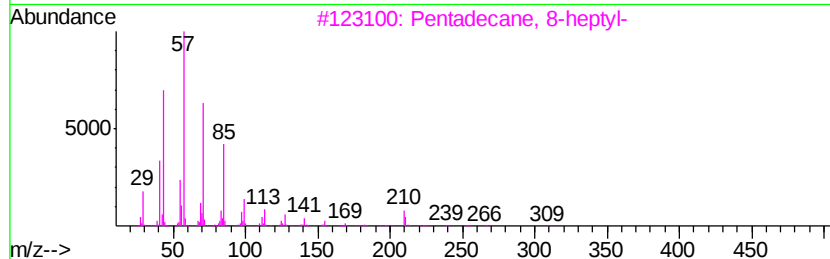
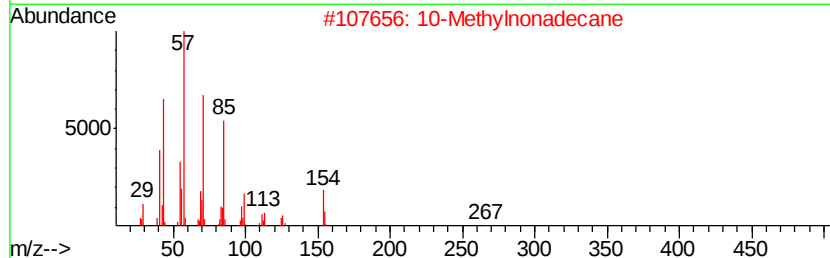
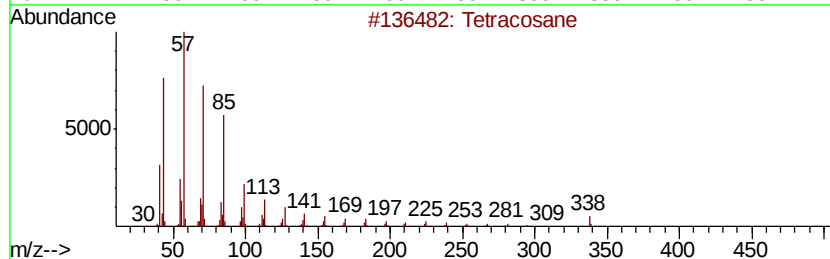
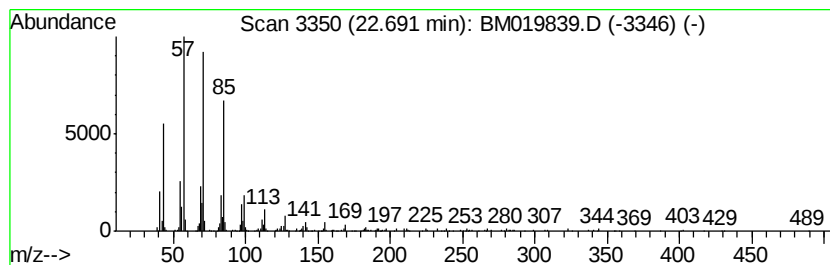
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.48 ng/ul	380242	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

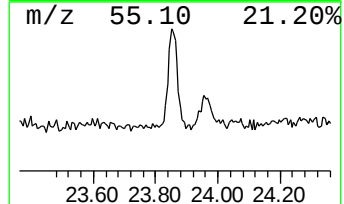
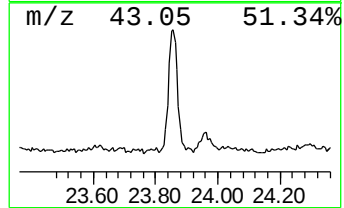
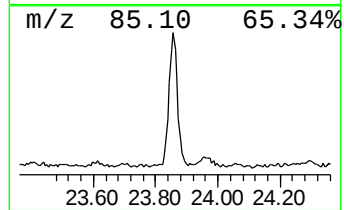
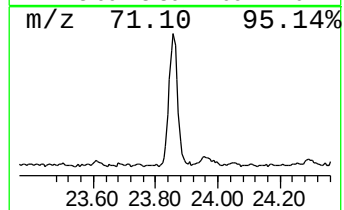
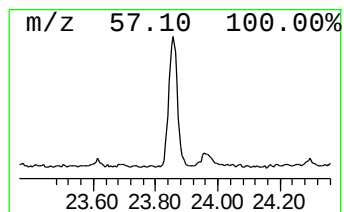
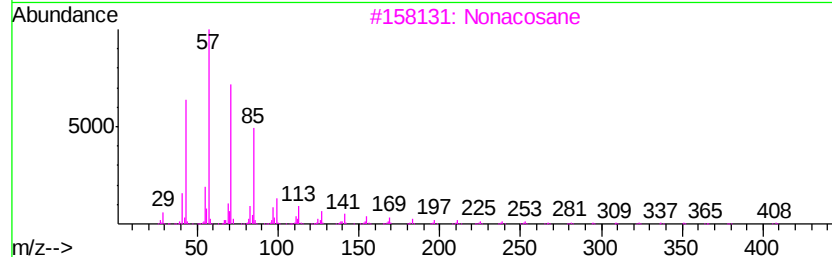
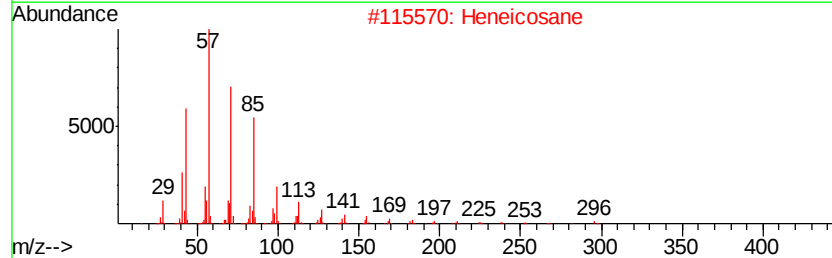
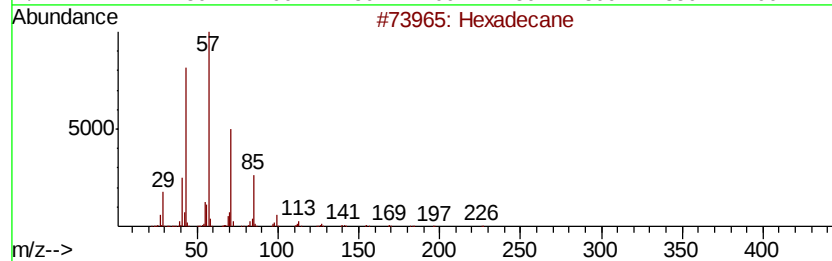
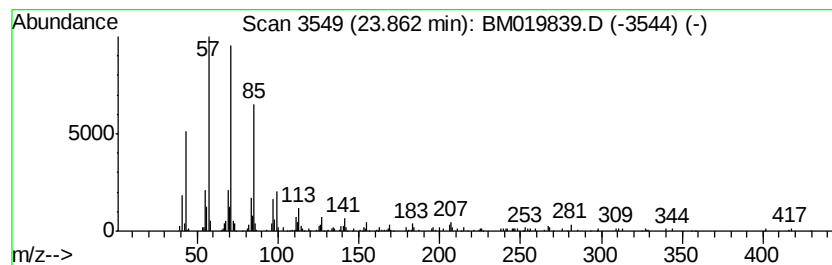
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.20 ng/ul	430143	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonacosane	408	C29H60	000630-03-5	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
5		triacontane	422	C30H62	000638-68-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019839.D
Acq On : 09 Apr 2019 21:42
Operator : JU/SJ
Sample : K2255-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC21

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	5.1	ng/ul	265738	4	16.98	1046260	20.0
Trifluoroacetic a...	20.89	4.3	ng/ul	294247	5	21.20	1356620	20.0
(DEL) Alkane: Str...	22.20	3.2	ng/ul	214523	5	21.20	1356620	20.0
2,6,10,14,18,22-T...	22.32	3.3	ng/ul	228251	6	23.40	1387110	20.0
(DEL) Alkane: Str...	22.69	5.5	ng/ul	380242	6	23.40	1387110	20.0
(DEL) Alkane: Str...	23.86	6.2	ng/ul	430143	6	23.40	1387110	20.0