

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019820.D
 Acq On : 09 Apr 2019 07:09
 Operator : JU/SJ
 Sample : K2188-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF660

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	3.117	19	22	30	rVB	42069	60698	2.54%	0.231%
2	3.622	104	108	115	rVB	26083	38624	1.61%	0.147%
3	3.699	118	121	128	rVB6	4893	9137	0.38%	0.035%
4	4.311	221	225	228	rBV5	2596	4231	0.18%	0.016%
5	4.705	290	292	298	rVB3	6433	7121	0.30%	0.027%
6	4.758	298	301	305	rBV5	4190	5767	0.24%	0.022%
7	5.211	376	378	383	rBV4	4117	6189	0.26%	0.024%
8	5.575	432	440	442	rBV9	3774	7305	0.31%	0.028%
9	5.869	486	490	496	rVB6	2851	6692	0.28%	0.025%
10	5.940	496	502	504	rBV5	2260	4844	0.20%	0.018%
11	6.452	585	589	595	rBV4	4155	8118	0.34%	0.031%
12	6.752	635	640	657	rBV	257158	560747	23.44%	2.136%
13	6.916	662	668	684	rBV	211828	396330	16.57%	1.510%
14	7.093	692	698	712	rVB	321591	553308	23.13%	2.107%
15	7.557	770	777	785	rBV	625111	991472	41.44%	3.776%
16	7.752	807	810	815	rVB4	3140	4593	0.19%	0.017%
17	7.940	839	842	845	rBV4	3211	4772	0.20%	0.018%
18	8.281	894	900	919	rBV	351303	679683	28.41%	2.589%
19	8.728	970	976	988	rBV	261210	487587	20.38%	1.857%
20	8.875	997	1001	1005	rVB7	5999	10320	0.43%	0.039%
21	9.040	1025	1029	1035	rVB2	16456	23439	0.98%	0.089%
22	9.234	1057	1062	1066	rVB3	4073	6215	0.26%	0.024%
23	9.446	1091	1098	1110	rBV	213702	408795	17.09%	1.557%
24	9.722	1142	1145	1147	rBV4	2532	3469	0.15%	0.013%
25	9.981	1182	1189	1207	rBV	309527	664196	27.76%	2.530%
26	10.334	1243	1249	1261	rBV	823263	1334465	55.78%	5.083%
27	10.445	1263	1268	1273	rVB6	2798	4265	0.18%	0.016%
28	10.510	1273	1279	1304	rBV	191135	482282	20.16%	1.837%
29	10.675	1304	1307	1312	rVV4	3254	7063	0.30%	0.027%
30	10.745	1316	1319	1323	rVB4	3093	4930	0.21%	0.019%
31	11.169	1387	1391	1396	rBV6	3928	8026	0.34%	0.031%
32	11.322	1414	1417	1420	rVB3	3637	4701	0.20%	0.018%
33	11.745	1485	1489	1493	rVB4	5381	8122	0.34%	0.031%
34	11.945	1520	1523	1531	rVB4	6268	13314	0.56%	0.051%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019820.D
 Acq On : 09 Apr 2019 07:09
 Operator : JU/SJ
 Sample : K2188-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF660

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	12.504	1609	1618	1624	rBV5	8855	20036	0.84%	0.076%
36	12.710	1648	1653	1656	rBV5	4806	9438	0.39%	0.036%
37	13.004	1701	1703	1709	rVB4	7881	10410	0.44%	0.040%
38	13.069	1709	1714	1720	rBV6	14447	22954	0.96%	0.087%
39	13.169	1728	1731	1739	rVB4	6626	9681	0.40%	0.037%
40	13.439	1773	1777	1782	rBV5	9472	19117	0.80%	0.073%
41	13.592	1798	1803	1805	rBV5	3317	4959	0.21%	0.019%
42	13.639	1805	1811	1816	rVV	679550	966205	40.39%	3.680%
43	13.686	1816	1819	1829	rVB	168549	261077	10.91%	0.994%
44	13.910	1851	1857	1868	rVB	787972	1160144	48.49%	4.419%
45	14.022	1874	1876	1882	rVB6	3673	6526	0.27%	0.025%
46	14.092	1885	1888	1895	rVB3	9584	15239	0.64%	0.058%
47	14.169	1898	1901	1904	rVV4	4106	6135	0.26%	0.023%
48	14.222	1904	1910	1926	rVB2	1049744	1642974	68.68%	6.258%
49	14.375	1932	1936	1939	rBV5	2287	3721	0.16%	0.014%
50	14.510	1953	1959	1971	rBV	82150	259889	10.86%	0.990%
51	14.651	1979	1983	1992	rVB2	42284	64829	2.71%	0.247%
52	15.057	2049	2052	2057	rVB2	13395	18124	0.76%	0.069%
53	15.104	2057	2060	2061	rBV2	6493	6955	0.29%	0.026%
54	15.222	2074	2080	2088	rBV	1061358	1527872	63.87%	5.819%
55	15.316	2094	2096	2101	rVB6	5413	8600	0.36%	0.033%
56	15.392	2101	2109	2115	rBV2	33629	66735	2.79%	0.254%
57	15.463	2117	2121	2130	rVV8	18827	33252	1.39%	0.127%
58	15.563	2134	2138	2142	rBV7	8050	12460	0.52%	0.047%
59	15.780	2171	2175	2176	rBV4	9447	13371	0.56%	0.051%
60	15.927	2196	2200	2208	rBV4	18232	45709	1.91%	0.174%
61	16.116	2230	2232	2236	rVB5	5742	6722	0.28%	0.026%
62	16.180	2239	2243	2244	rBV4	5080	5403	0.23%	0.021%
63	16.386	2273	2278	2282	rBV5	18395	31551	1.32%	0.120%
64	16.657	2322	2324	2325	rBV2	6360	3867	0.16%	0.015%
65	16.722	2331	2335	2337	rBV3	24096	26391	1.10%	0.101%
66	16.769	2339	2343	2347	rVV4	25898	39609	1.66%	0.151%
67	16.980	2373	2379	2386	rBV2	1327272	1891775	79.08%	7.205%
68	17.080	2390	2396	2405	rVB2	1086482	1583066	66.17%	6.030%
69	17.269	2426	2428	2431	rVB2	22710	21311	0.89%	0.081%
70	17.316	2433	2436	2440	rVB2	37492	43069	1.80%	0.164%
71	17.369	2442	2445	2450	rVV7	13399	22108	0.92%	0.084%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
 Data File : BM019820.D
 Acq On : 09 Apr 2019 07:09
 Operator : JU/SJ
 Sample : K2188-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF660

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	17.463	2458	2461	2464	rVB2	28674	32852	1.37%	0.125%
73	17.569	2475	2479	2485	rBV5	22602	35468	1.48%	0.135%
74	17.874	2526	2531	2541	rBV2	259081	447902	18.72%	1.706%
75	18.157	2576	2579	2583	rVB	39862	45113	1.89%	0.172%
76	18.639	2657	2661	2663	rBV	54093	67065	2.80%	0.255%
77	18.798	2684	2688	2691	rBV2	69227	102043	4.27%	0.389%
78	19.168	2747	2751	2756	rBV	192498	300781	12.57%	1.146%
79	19.392	2784	2789	2794	rBV	1264616	1770380	74.00%	6.743%
80	19.727	2843	2846	2849	rBV	378525	388115	16.22%	1.478%
81	19.763	2849	2852	2861	rVB	641925	748934	31.31%	2.853%
82	20.421	2962	2964	2968	rBV	170719	182753	7.64%	0.696%
83	20.704	3010	3012	3015	rBV	180496	163556	6.84%	0.623%
84	20.739	3015	3018	3022	rBV	297077	385415	16.11%	1.468%
85	20.892	3041	3044	3049	rVB2	314316	373467	15.61%	1.422%
86	21.198	3092	3096	3101	rBV	1780237	2107015	88.07%	8.025%
87	23.409	3468	3472	3481	rVB2	1349265	2392317	100.00%	9.112%

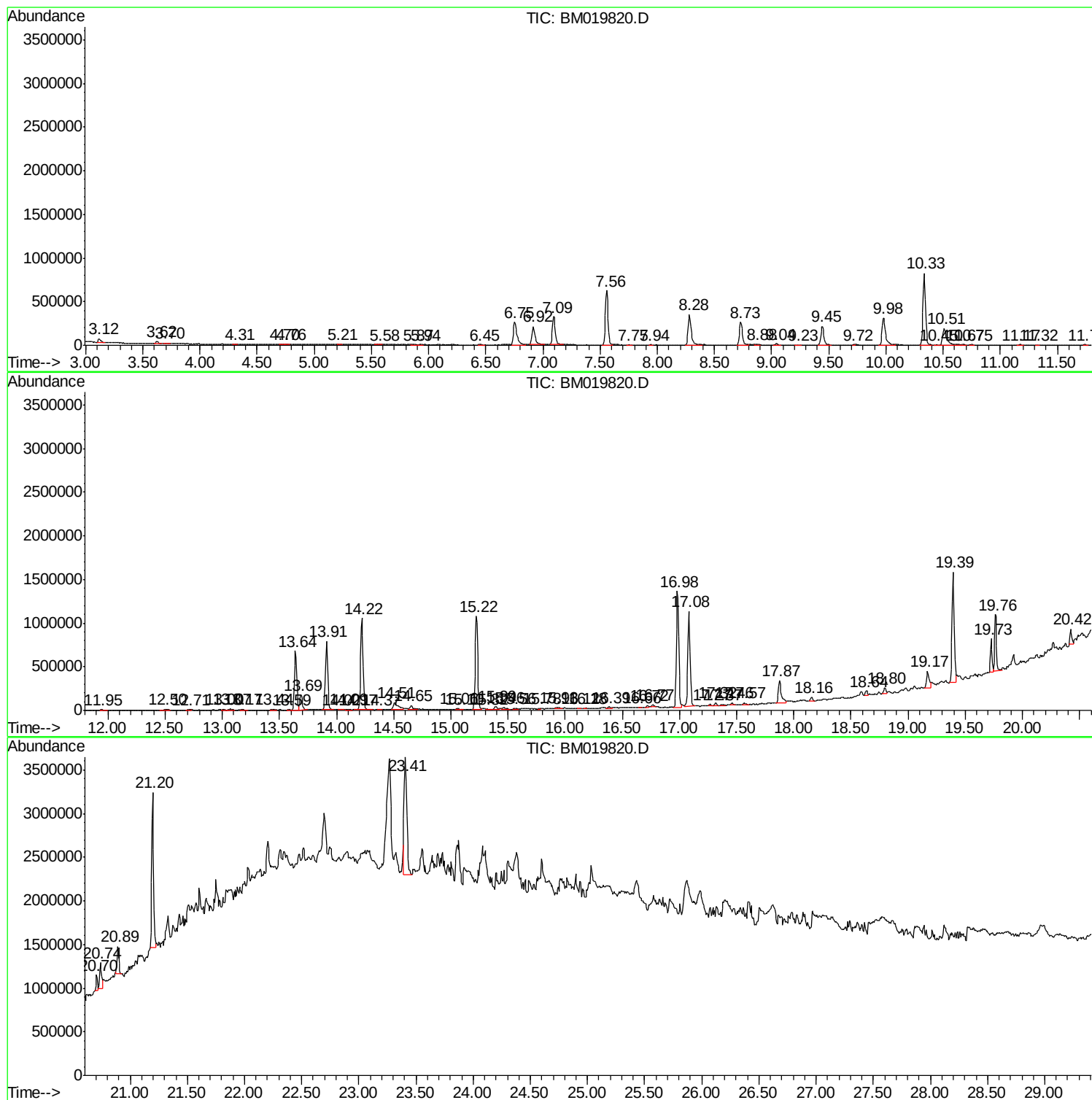
Sum of corrected areas: 26255280

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

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\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

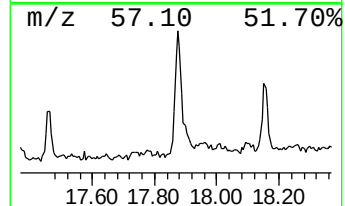
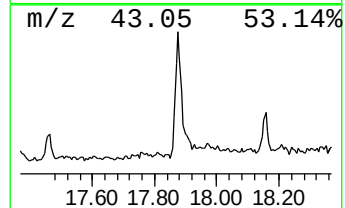
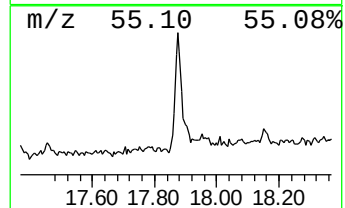
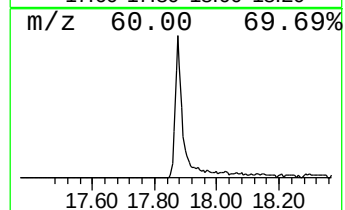
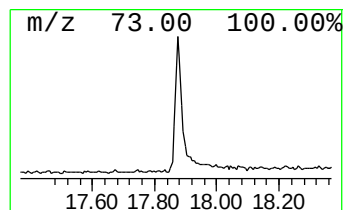
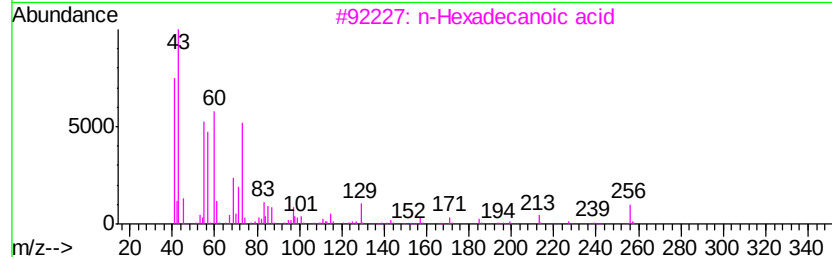
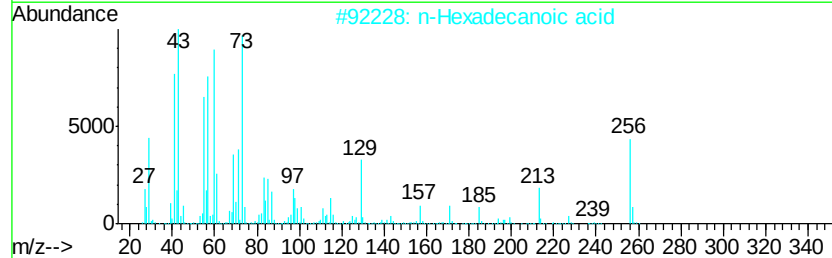
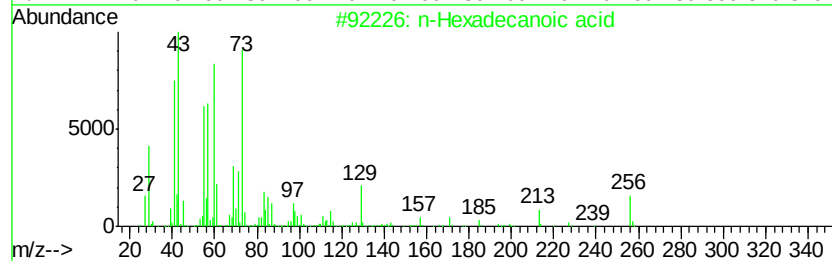
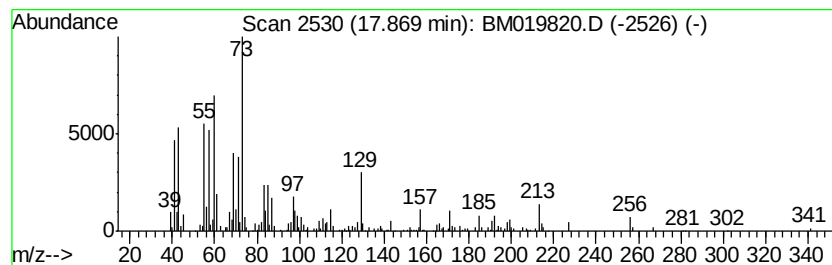
Instrument :
BNA_M
ClientSampleId :
BF660

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	4.74 ng/ul	447902	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

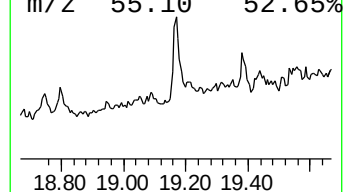
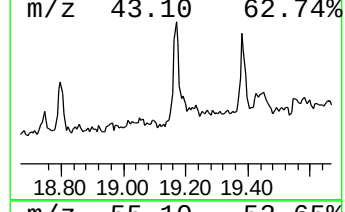
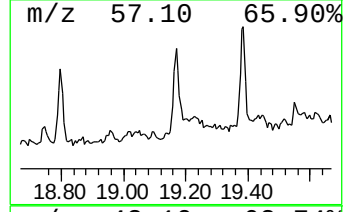
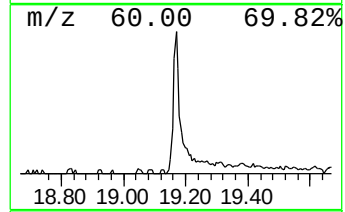
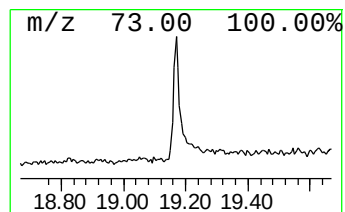
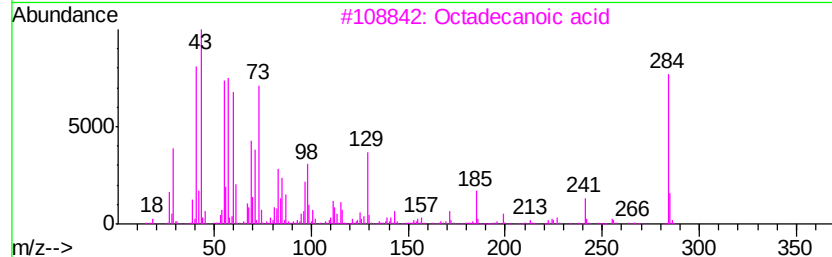
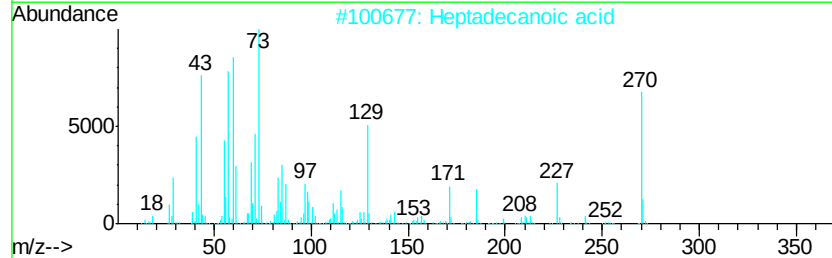
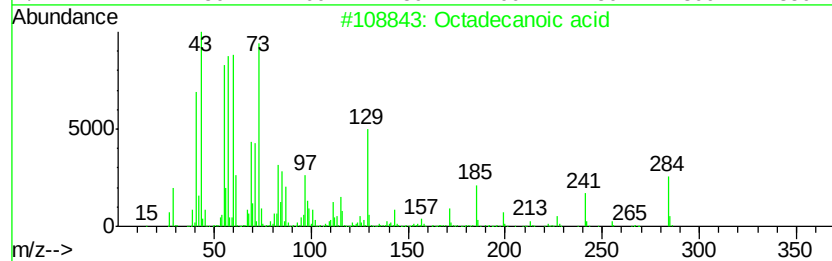
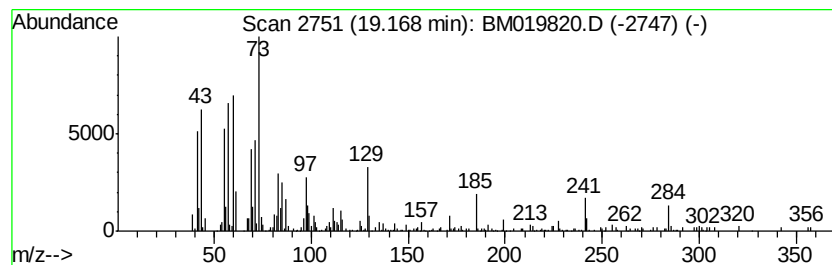
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.86 ng/ul	300781	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Heptadecanoic acid	270	C17H34O2	000506-12-7	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

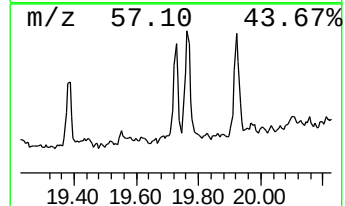
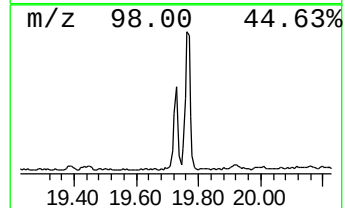
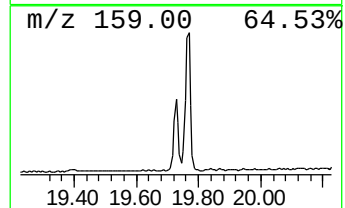
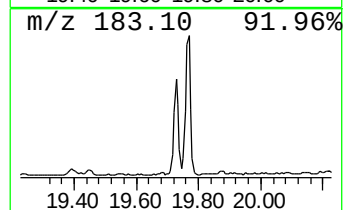
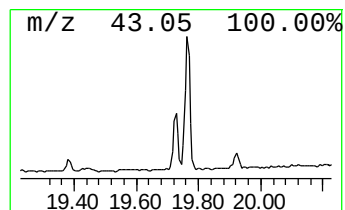
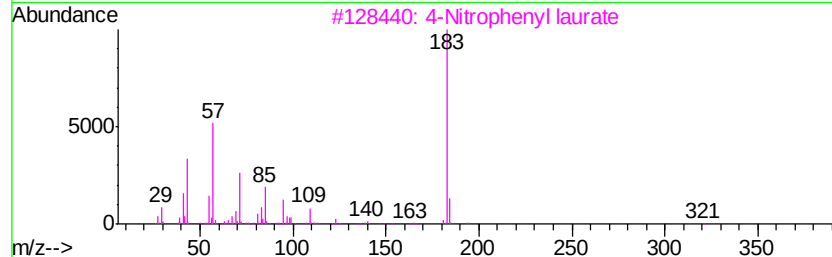
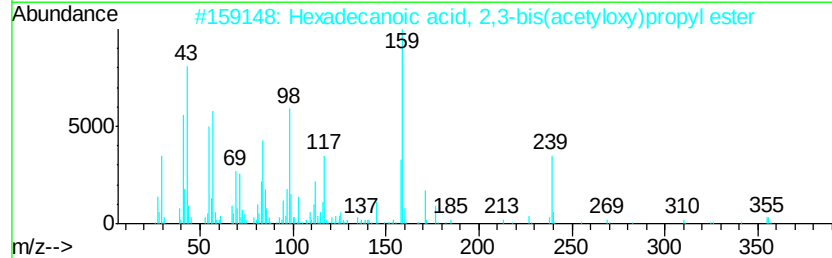
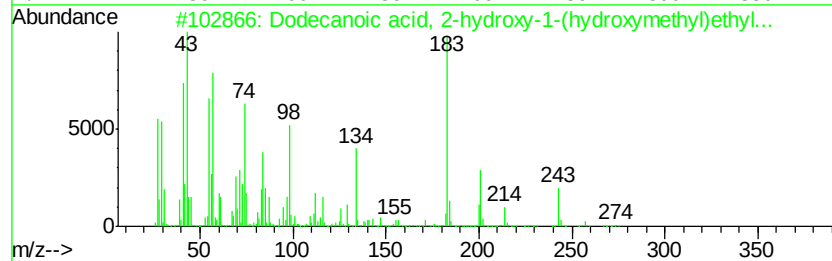
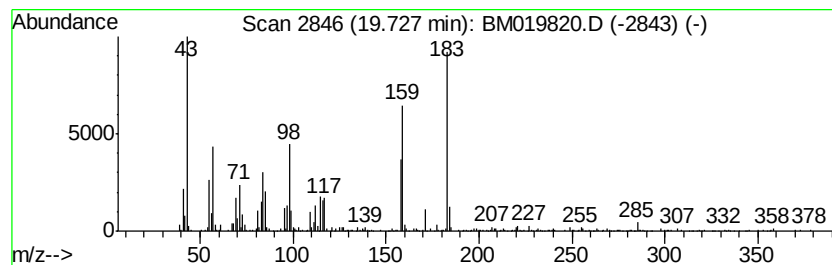
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dodecanoic acid, 2-hydroxy-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	3.68 ng/ul	388115	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid, 2-hydroxy-1-(hy...	274	C15H30O4	001678-45-1	58
2		Hexadecanoic acid, 2,3-bis(acety...	414	C23H42O6	055268-70-7	35
3		4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	35
4		Lauric anhydride	382	C24H46O3	000645-66-9	32
5		Dodecanoic acid, ethenyl ester	226	C14H26O2	002146-71-6	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

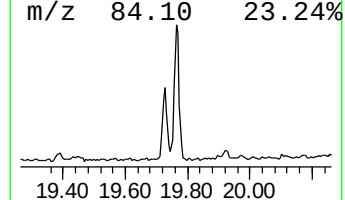
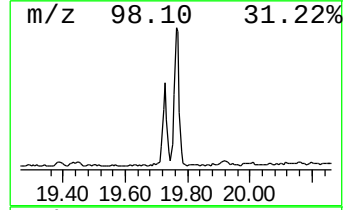
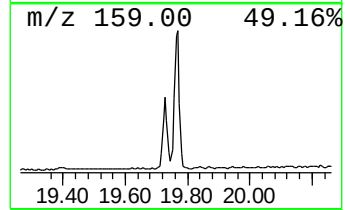
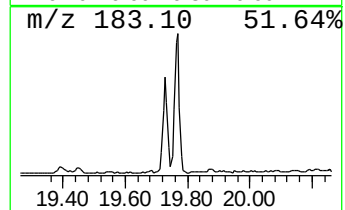
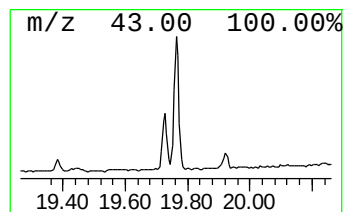
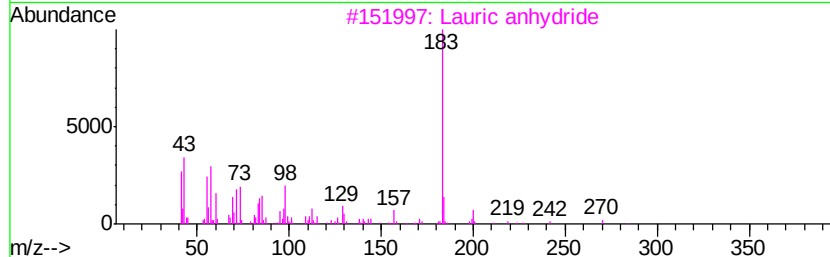
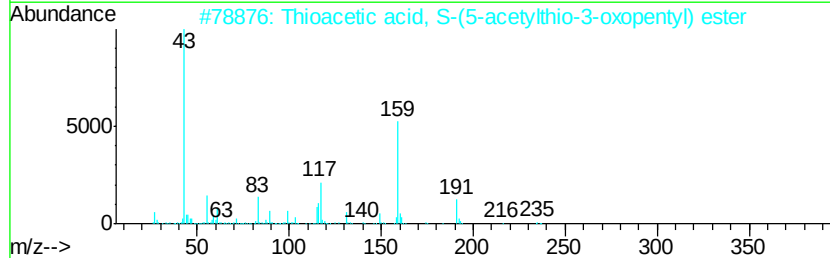
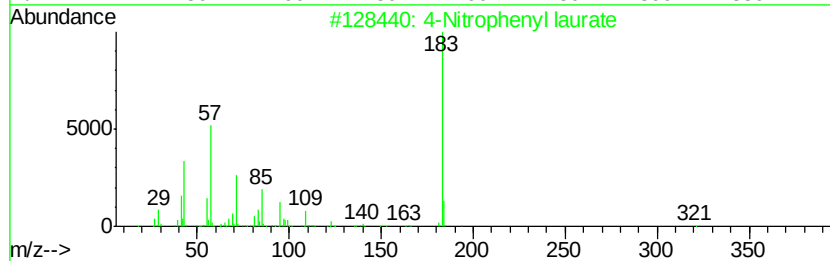
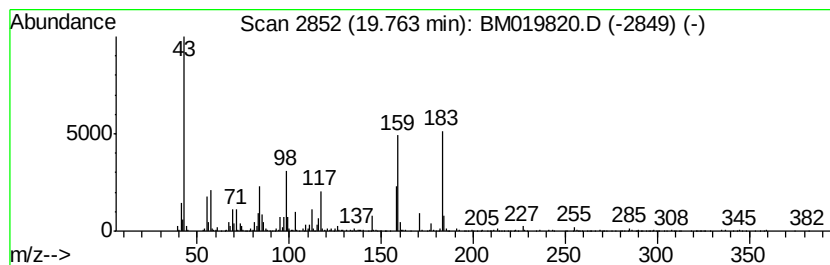
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	7.11 ng/ul	748934	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Nitrophenyl laurate	321	C18H27NO4	001956-11-2	15
2		Thioacetic acid, S-(5-acetylthio...	234	C9H14O3S2	1000185-15-4	14
3		Lauric anhydride	382	C24H46O3	000645-66-9	10
4		Eicosanoic acid, 2-(acetyloxy)-1...	470	C27H50O6	055429-68-0	10
5		Lauric anhydride	382	C24H46O3	000645-66-9	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

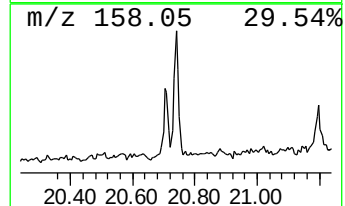
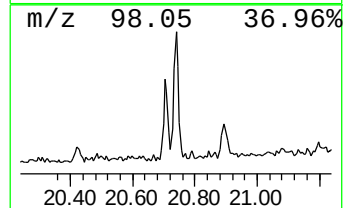
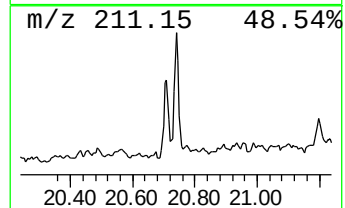
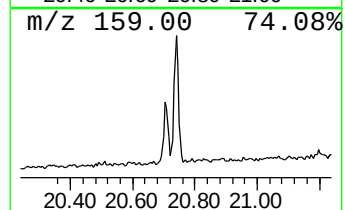
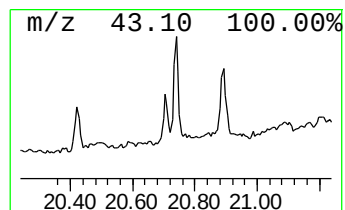
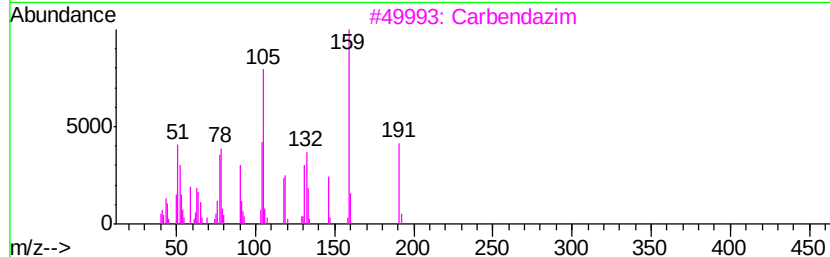
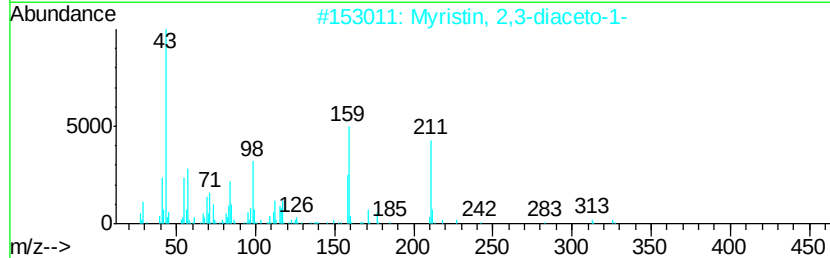
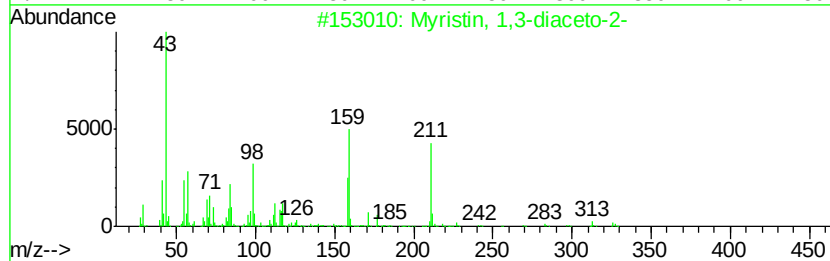
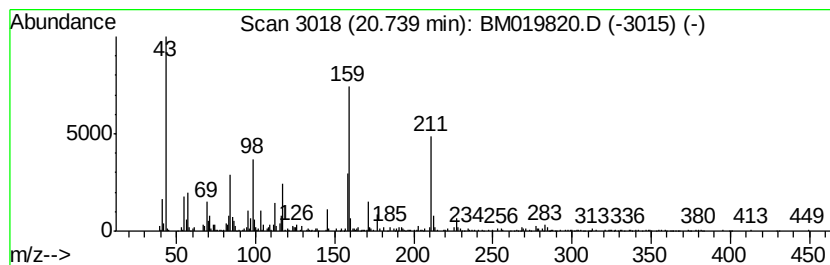
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.74	3.66 ng/ul	385415	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Myristin, 1,3-diaceto-2-	386	C21H38O6	014290-23-4	42
2		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	40
3		Carbendazim	191	C9H9N3O2	010605-21-7	38
4		Myristin, 2,3-diaceto-1-	386	C21H38O6	014473-55-3	27
5		Eicosanoic acid, 2,3-bis(acetylo...	470	C27H50O6	055429-67-9	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

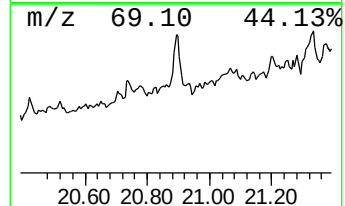
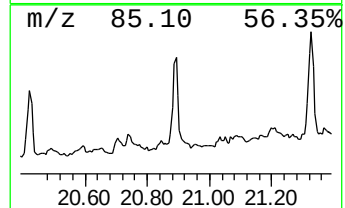
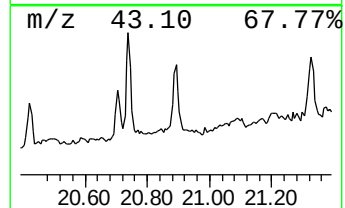
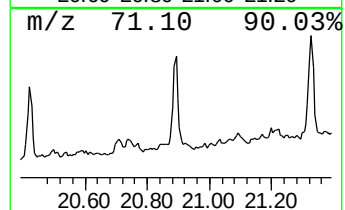
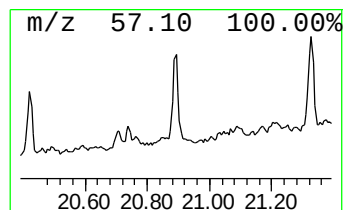
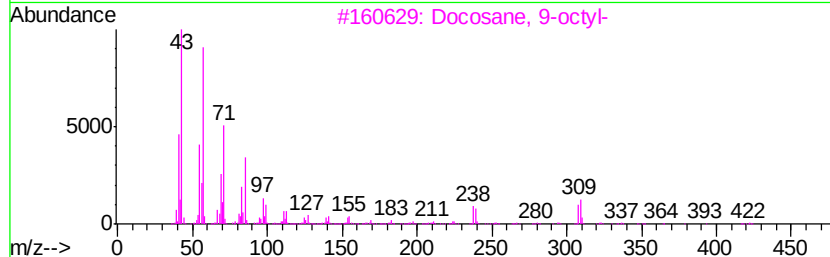
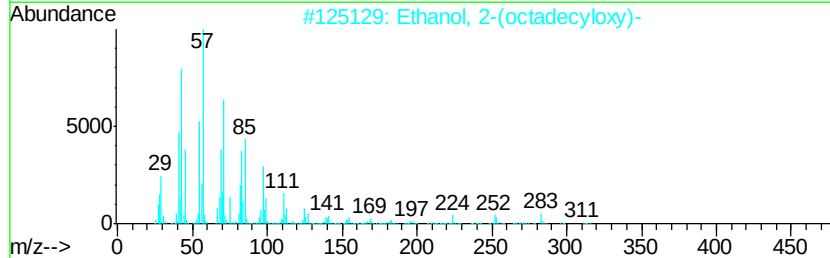
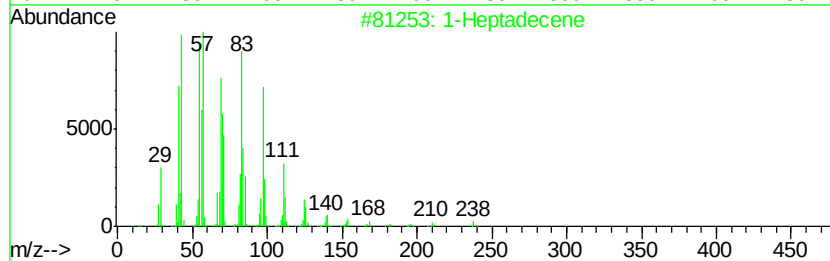
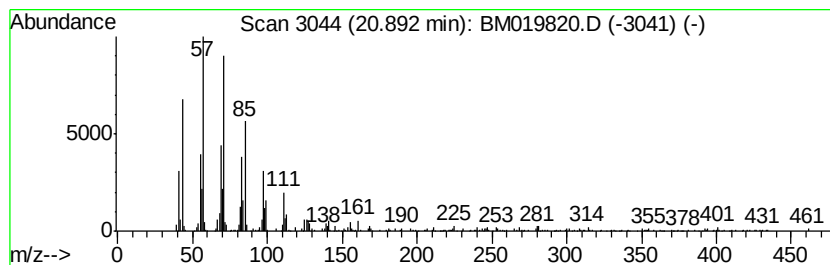
Instrument :
BNA_M
ClientSampleId :
BF660

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: Cyclic20.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.89	3.54 ng/ul	373467	Chrysene-d12	21.20	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	91
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	87
3	Docosane, 9-octyl-	422	C30H62	055319-83-0	81
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	81
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019820.D
Acq On : 09 Apr 2019 07:09
Operator : JU/SJ
Sample : K2188-04
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF660

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	4.7	ng/ul	447902	4	16.98	1891780	20.0
Octadecanoic acid	19.17	2.9	ng/ul	300781	5	21.20	2107020	20.0
Dodecanoic acid, ...	19.73	3.7	ng/ul	388115	5	21.20	2107020	20.0
unknown-01	19.76	7.1	ng/ul	748934	5	21.20	2107020	20.0
unknown-02	20.74	3.7	ng/ul	385415	5	21.20	2107020	20.0
(DEL) Alkane: Cyc...	20.89	3.5	ng/ul	373467	5	21.20	2107020	20.0