

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019680.D
 Acq On : 02 Apr 2019 06:22
 Operator : JU/SJ
 Sample : K2084-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7X3

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	3.122	20	23	35	rVB	47194	78207	2.97%	0.214%
2	3.628	106	109	115	rVB3	15343	20879	0.79%	0.057%
3	3.716	120	124	130	rVB2	30589	46594	1.77%	0.127%
4	4.369	232	235	239	rBV4	4837	7031	0.27%	0.019%
5	4.710	289	293	297	rBV	33792	49124	1.86%	0.134%
6	4.745	297	299	308	rVB	24523	39862	1.51%	0.109%
7	5.469	418	422	425	rVB5	2044	2958	0.11%	0.008%
8	5.992	508	511	513	rBV4	2233	2679	0.10%	0.007%
9	6.645	619	622	626	rVB4	3711	5355	0.20%	0.015%
10	6.757	635	641	660	rBV	420220	805875	30.58%	2.201%
11	6.922	664	669	687	rBV	364355	644611	24.46%	1.760%
12	7.104	694	700	713	rBV	523608	844892	32.07%	2.307%
13	7.569	772	779	787	rBV	927776	1446431	54.89%	3.950%
14	7.663	794	795	802	rVB5	4989	6085	0.23%	0.017%
15	7.881	828	832	837	rVB4	2276	3662	0.14%	0.010%
16	8.286	895	901	916	rBV	545714	968371	36.75%	2.644%
17	8.416	919	923	930	rVB2	16662	30969	1.18%	0.085%
18	8.739	971	978	993	rBV	451277	782522	29.70%	2.137%
19	8.886	1001	1003	1010	rVB4	3775	5573	0.21%	0.015%
20	9.063	1028	1033	1038	rVB	16250	24503	0.93%	0.067%
21	9.451	1093	1099	1110	rBV	360822	627881	23.83%	1.715%
22	9.586	1121	1122	1126	rVB2	2896	3286	0.12%	0.009%
23	9.722	1140	1145	1147	rBV2	5979	9176	0.35%	0.025%
24	9.839	1162	1165	1168	rBV4	2672	3172	0.12%	0.009%
25	9.986	1184	1190	1212	rBV	512969	1012591	38.43%	2.765%
26	10.351	1244	1252	1266	rBV	1298764	2126771	80.71%	5.808%
27	10.522	1273	1281	1308	rBV	250829	620146	23.54%	1.694%
28	10.922	1343	1349	1350	rBV2	4997	7857	0.30%	0.021%
29	11.551	1450	1456	1459	rBV2	3866	6927	0.26%	0.019%
30	11.757	1489	1491	1495	rVB2	3218	2929	0.11%	0.008%
31	11.892	1509	1514	1517	rVB3	2193	3386	0.13%	0.009%
32	11.957	1520	1525	1530	rBV	6919	12307	0.47%	0.034%
33	12.304	1580	1584	1590	rVB3	1370	2665	0.10%	0.007%
34	12.510	1612	1619	1620	rBV2	4402	5043	0.19%	0.014%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019680.D
 Acq On : 02 Apr 2019 06:22
 Operator : JU/SJ
 Sample : K2084-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7X3

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	12.821	1668	1672	1676	rVB4	3634	6058	0.23%	0.017%
36	13.027	1702	1707	1709	rBV3	2715	3388	0.13%	0.009%
37	13.651	1807	1813	1818	rBV	1058697	1483499	56.30%	4.051%
38	13.698	1818	1821	1835	rVB	128049	191298	7.26%	0.522%
39	13.880	1848	1852	1853	rBV2	5194	5398	0.20%	0.015%
40	13.921	1853	1859	1874	rVB	1169867	1742311	66.12%	4.758%
41	14.115	1888	1892	1897	rVB4	4410	7406	0.28%	0.020%
42	14.233	1905	1912	1925	rVB2	1829255	2634924	100.00%	7.196%
43	14.498	1951	1957	1977	rBV	127179	418367	15.88%	1.143%
44	14.657	1981	1984	1992	rVV	47943	73864	2.80%	0.202%
45	14.792	2004	2007	2010	rBV4	1588	2674	0.10%	0.007%
46	14.862	2016	2019	2022	rVB3	3116	3732	0.14%	0.010%
47	14.933	2027	2031	2036	rBV5	2783	4113	0.16%	0.011%
48	14.998	2039	2042	2043	rBV	3013	3397	0.13%	0.009%
49	15.021	2043	2046	2050	rVB	14330	17710	0.67%	0.048%
50	15.074	2050	2055	2059	rVB2	11248	13895	0.53%	0.038%
51	15.121	2059	2063	2065	rBV4	2303	3120	0.12%	0.009%
52	15.233	2075	2082	2097	rBV	1510289	2132555	80.93%	5.824%
53	15.392	2104	2109	2116	rVV2	36059	59646	2.26%	0.163%
54	15.474	2118	2123	2128	rVV2	16466	22842	0.87%	0.062%
55	15.521	2128	2131	2135	rVB5	2131	2643	0.10%	0.007%
56	15.686	2157	2159	2163	rVB4	3041	3874	0.15%	0.011%
57	15.780	2170	2175	2179	rBV5	3926	7889	0.30%	0.022%
58	15.809	2179	2180	2185	rVB4	3040	3674	0.14%	0.010%
59	15.892	2191	2194	2197	rBV4	3465	3504	0.13%	0.010%
60	15.933	2199	2201	2203	rBV2	5535	5575	0.21%	0.015%
61	15.992	2208	2211	2214	rVV4	4996	8646	0.33%	0.024%
62	16.015	2214	2215	2219	rVB2	5848	6388	0.24%	0.017%
63	16.098	2226	2229	2231	rBV3	2944	3052	0.12%	0.008%
64	16.127	2231	2234	2238	rVV2	8867	11723	0.44%	0.032%
65	16.192	2241	2245	2249	rBV7	6094	10719	0.41%	0.029%
66	16.404	2277	2281	2283	rBV4	6871	9964	0.38%	0.027%
67	16.456	2287	2290	2292	rBV4	2031	2763	0.10%	0.008%
68	16.515	2298	2300	2302	rBV2	2631	2766	0.10%	0.008%
69	16.733	2334	2337	2339	rBV4	6037	7684	0.29%	0.021%
70	16.786	2343	2346	2350	rVB4	8748	10064	0.38%	0.027%
71	16.898	2363	2365	2370	rVB5	3859	3710	0.14%	0.010%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
 Data File : BM019680.D
 Acq On : 02 Apr 2019 06:22
 Operator : JU/SJ
 Sample : K2084-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF7X3

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	16.992	2375	2381	2392	rBV	1835727	2535559	96.23%	6.924%
73	17.092	2392	2398	2408	rVV2	1303008	1867712	70.88%	5.100%
74	17.274	2427	2429	2432	rVV3	6210	7015	0.27%	0.019%
75	17.333	2433	2439	2443	rVV7	9659	21260	0.81%	0.058%
76	17.374	2443	2446	2451	rVB6	7769	15368	0.58%	0.042%
77	17.468	2460	2462	2465	rBV4	5015	6288	0.24%	0.017%
78	17.762	2507	2512	2517	rBV6	5800	11705	0.44%	0.032%
79	17.827	2520	2523	2527	rBV6	5125	7772	0.29%	0.021%
80	17.886	2527	2533	2544	rBV	258478	454759	17.26%	1.242%
81	18.168	2578	2581	2584	rBV3	10044	13325	0.51%	0.036%
82	19.033	2725	2728	2733	rBV5	30261	62188	2.36%	0.170%
83	19.174	2748	2752	2761	rBV2	103834	216529	8.22%	0.591%
84	19.397	2785	2790	2796	rBV	1173313	1658210	62.93%	4.528%
85	19.739	2845	2848	2851	rBV	86820	84476	3.21%	0.231%
86	19.774	2851	2854	2859	rBV	154579	177175	6.72%	0.484%
87	20.903	3042	3046	3050	rBV	441127	549884	20.87%	1.502%
88	21.203	3092	3097	3103	rBV	1643994	2101646	79.76%	5.739%
89	21.333	3117	3119	3123	rVB	208592	190986	7.25%	0.522%
90	21.762	3189	3192	3196	rVB	334008	324809	12.33%	0.887%
91	22.209	3265	3268	3280	rVB	518078	696850	26.45%	1.903%
92	22.703	3348	3352	3358	rBV	598016	813645	30.88%	2.222%
93	23.262	3441	3447	3455	rVB3	1199201	2530850	96.05%	6.911%
94	23.409	3466	3472	3481	rVB2	1276462	2401934	91.16%	6.559%
95	23.874	3548	3551	3558	rVB	407781	673375	25.56%	1.839%

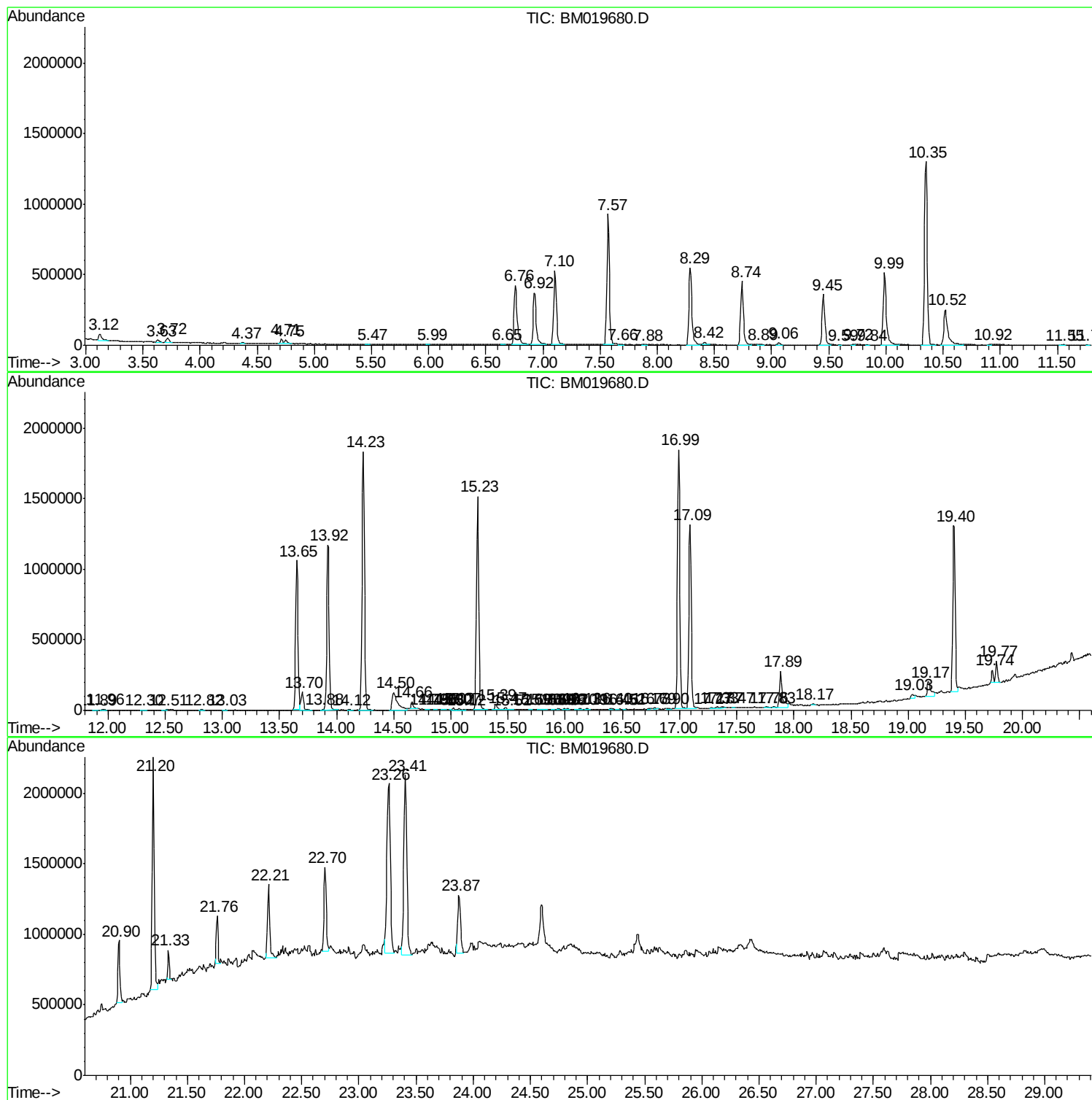
Sum of corrected areas: 36618475

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BF7X3

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\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

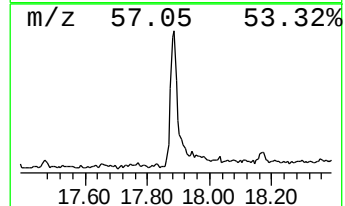
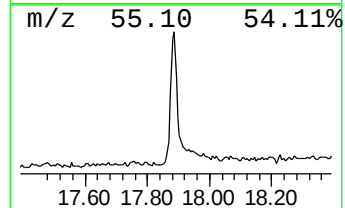
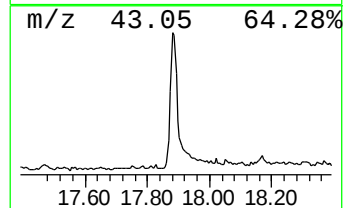
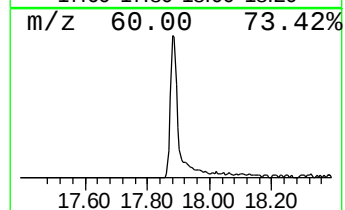
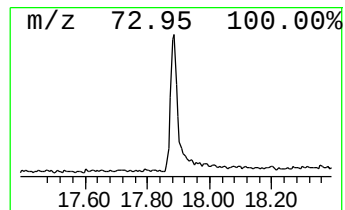
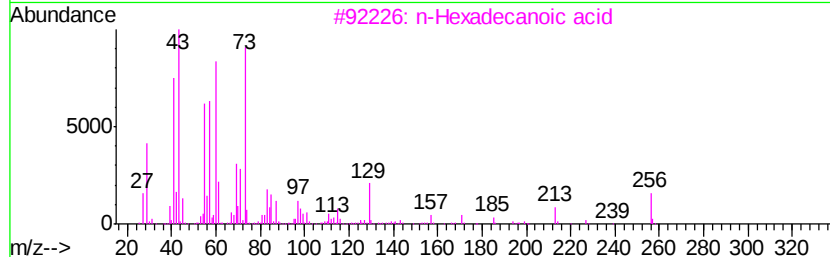
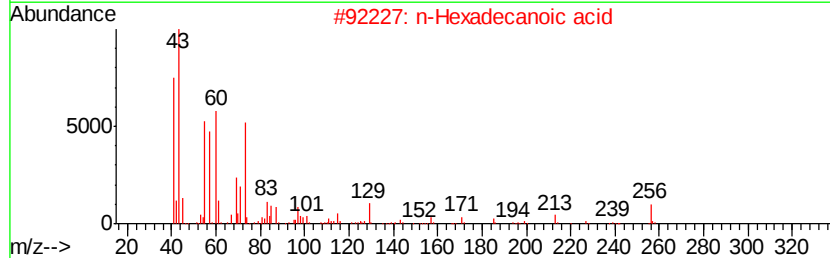
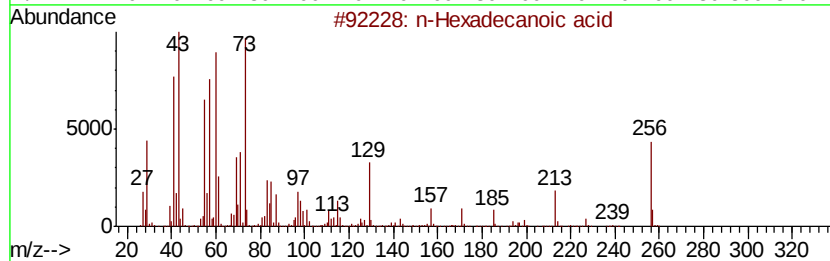
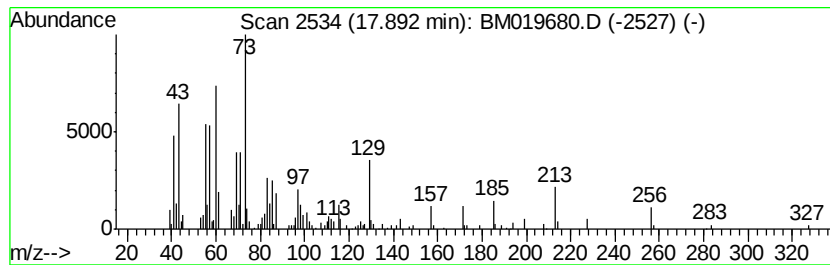
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.59 ng/ul	454759	Phenanthrene-d10	16.99

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	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

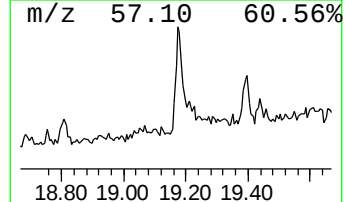
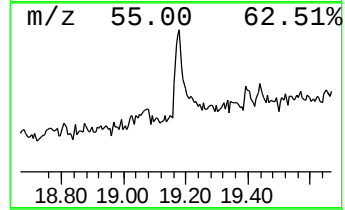
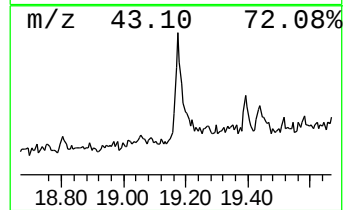
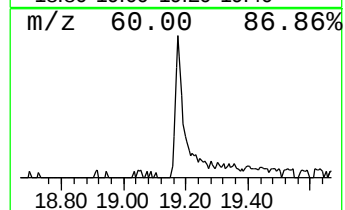
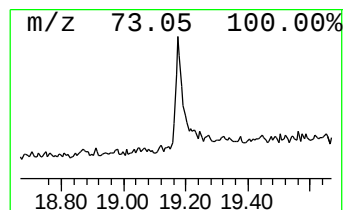
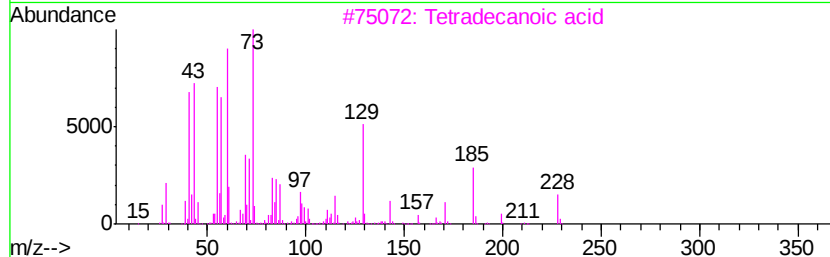
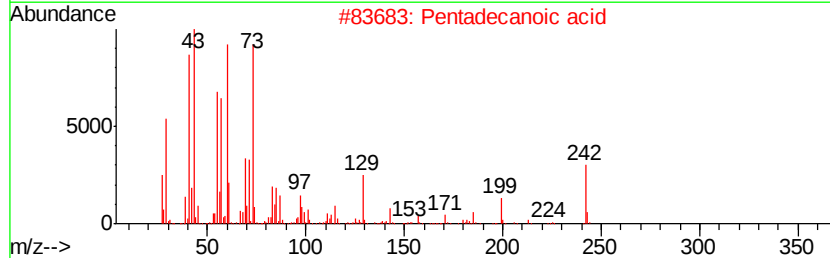
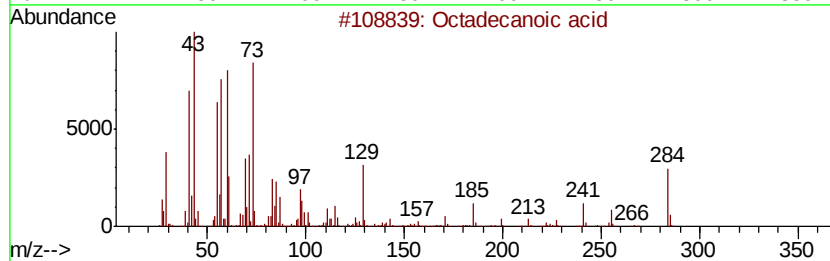
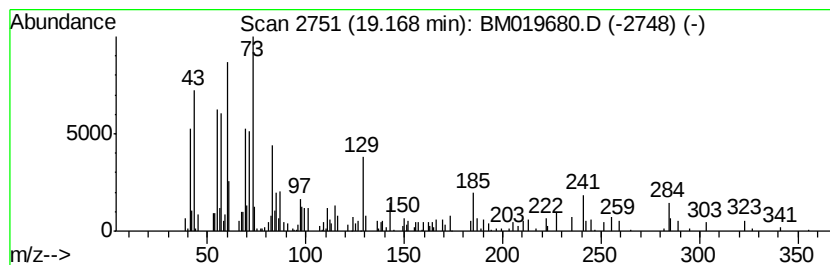
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.06 ng/ul	216529	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4			Octadecanoic acid	284	C18H36O2	000057-11-4	90
5			Octadecanoic acid	284	C18H36O2	000057-11-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

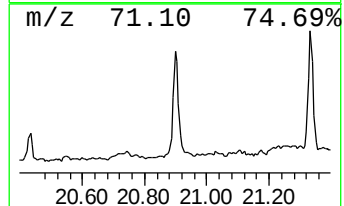
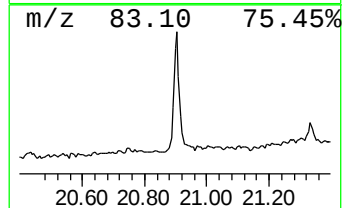
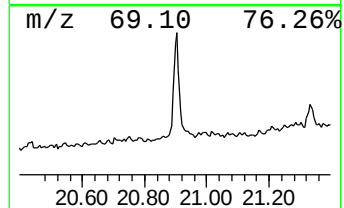
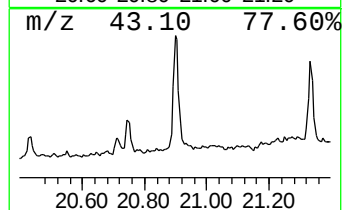
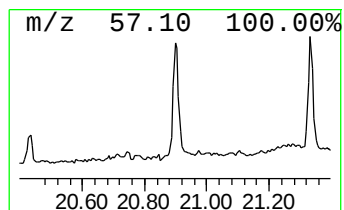
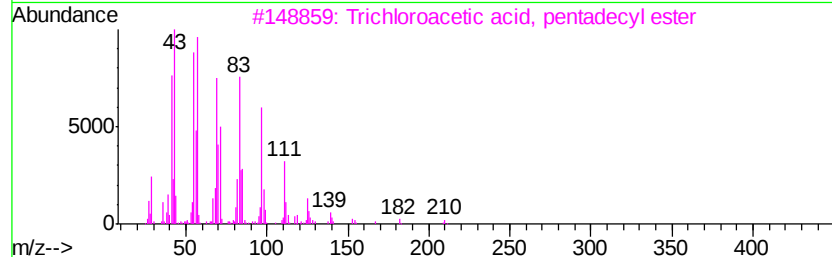
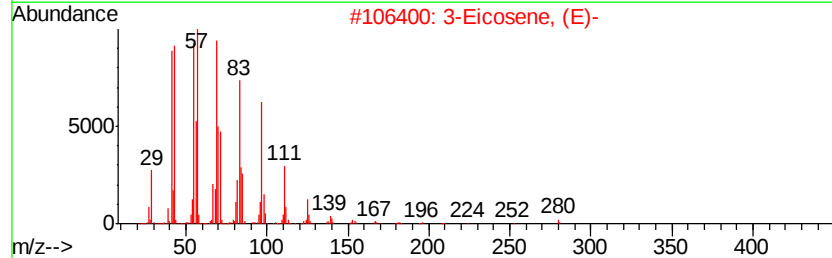
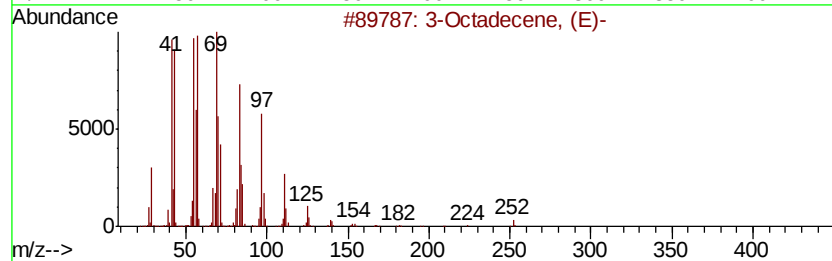
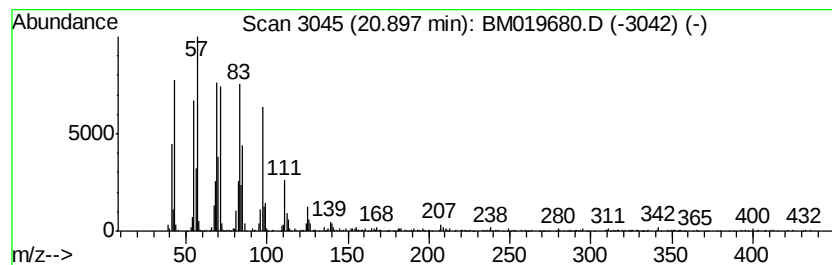
Instrument :
BNA_M
ClientSampleId :
BF7X3

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 (DEL) Alkane: Cyclic20.90 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	5.23 ng/ul	549884	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 97
2		3-Eicosene, (E)-	280 C20H40	074685-33-9 91
3		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
4		Trichloroacetic acid, hexadecyl ...	386 C18H33Cl3O2	074339-54-1 91
5		Bromoacetic acid, octadecyl ester	390 C20H39BrO2	018992-03-5 91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

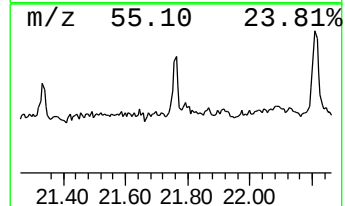
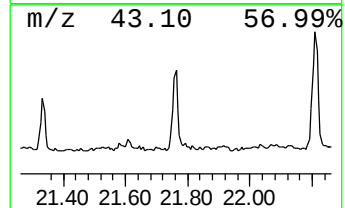
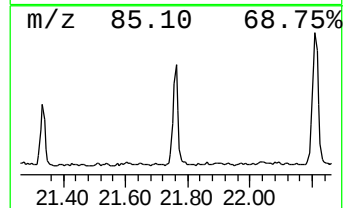
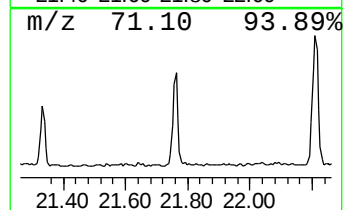
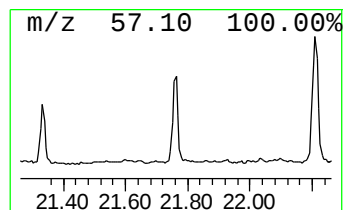
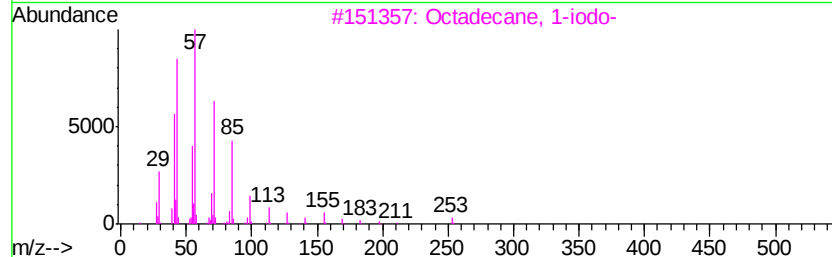
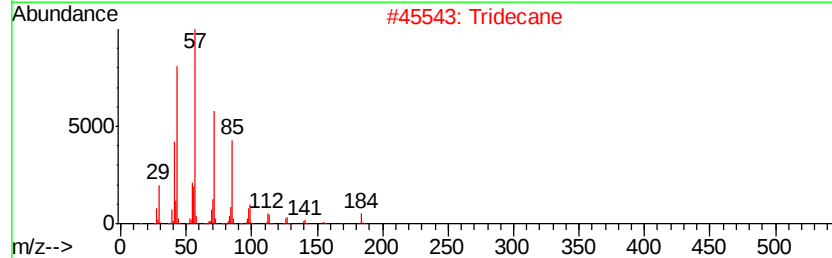
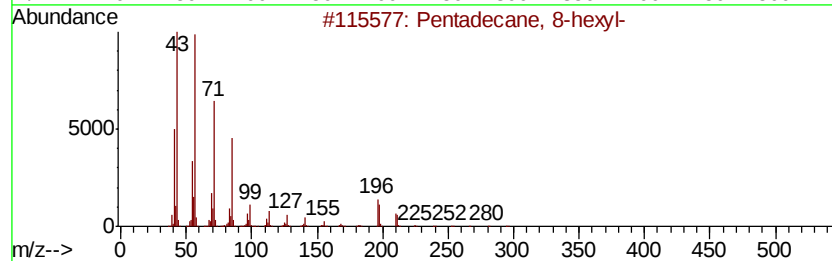
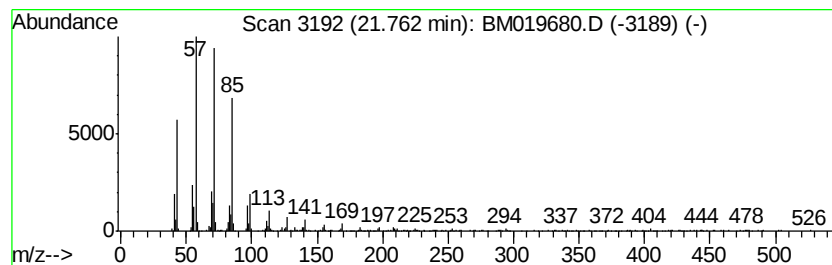
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.09 ng/ul	324809	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2		Tridecane	184	C13H28	000629-50-5	86
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

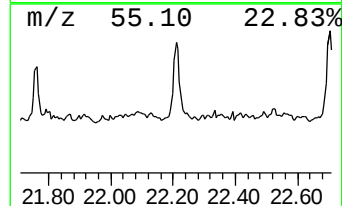
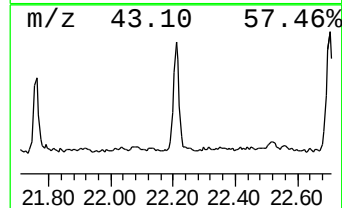
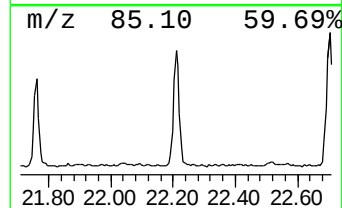
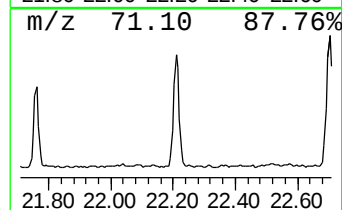
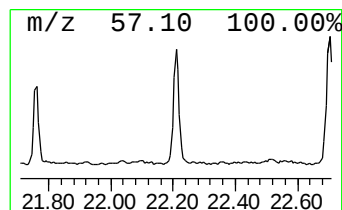
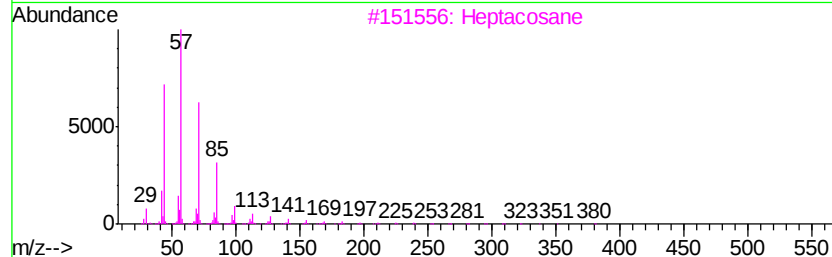
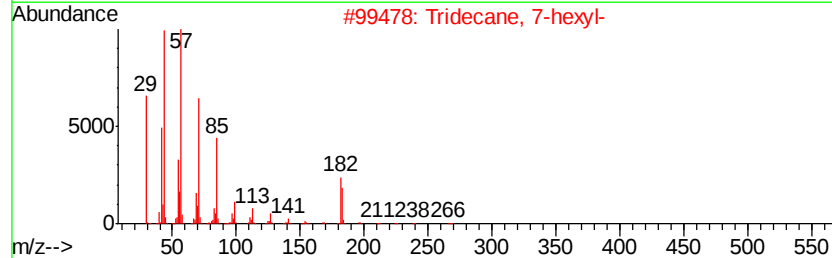
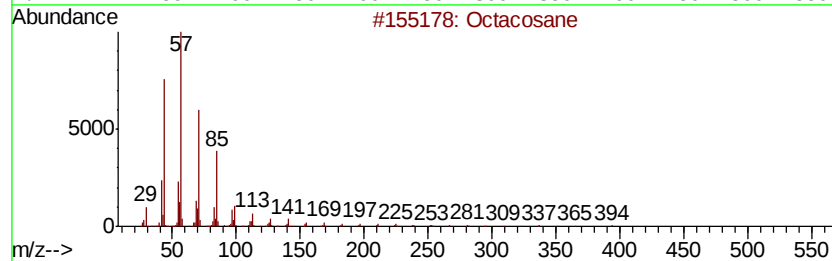
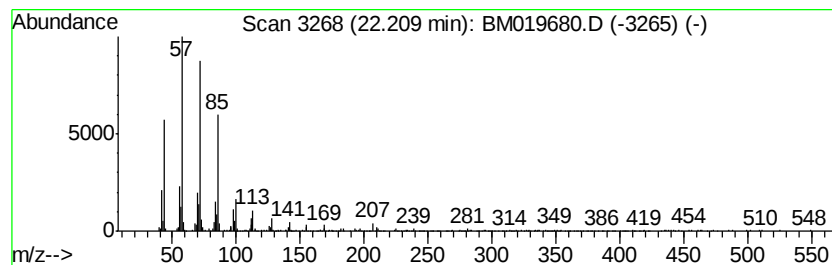
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.21	6.63 ng/ul	696850	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	96
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

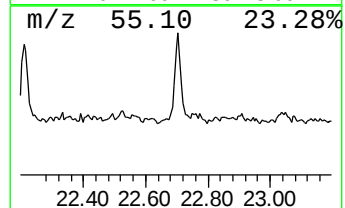
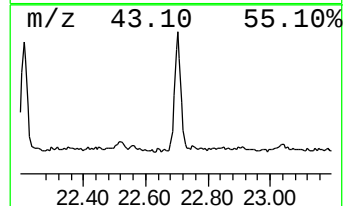
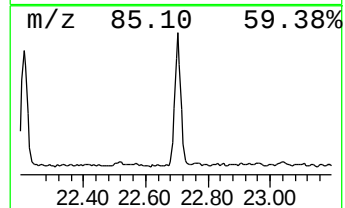
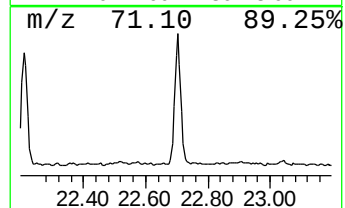
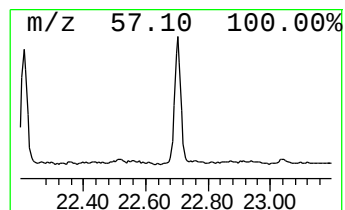
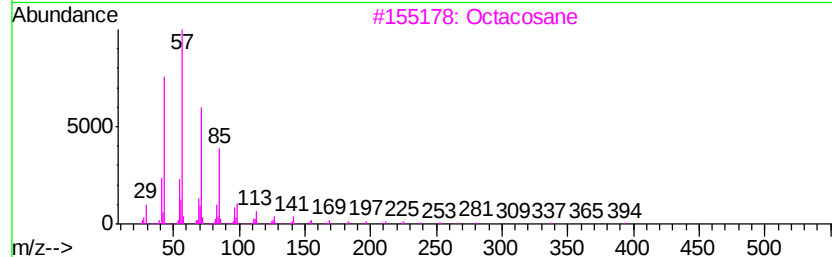
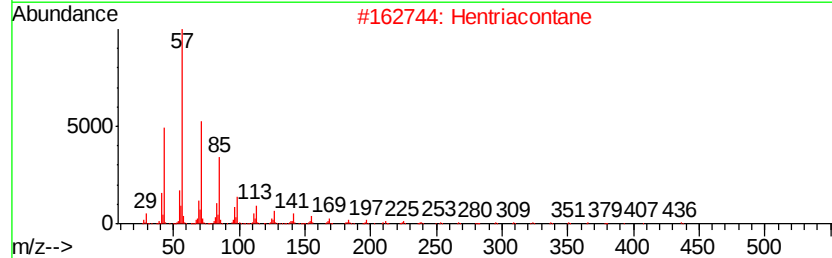
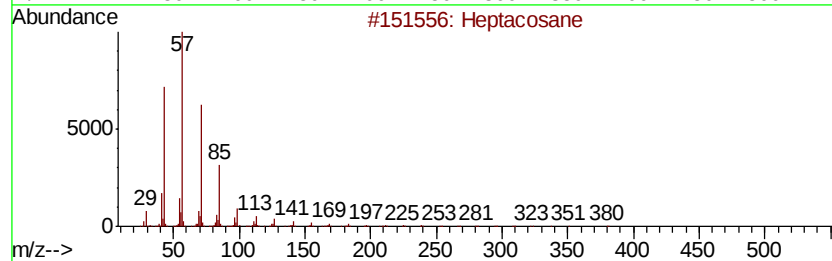
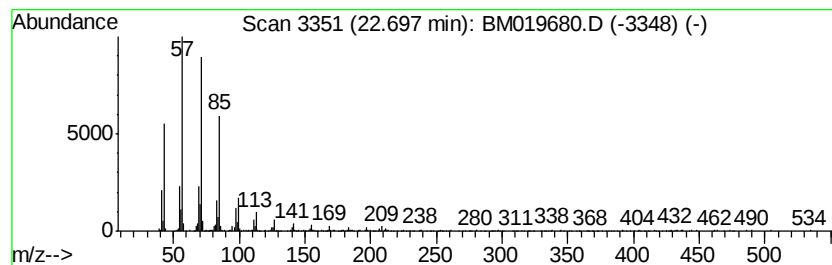
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	6.77 ng/ul	813645	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hentriacontane	437	C31H64	000630-04-6	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

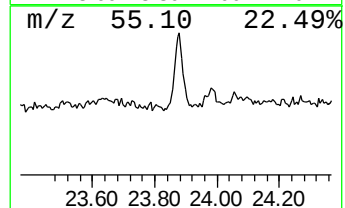
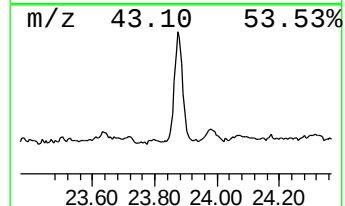
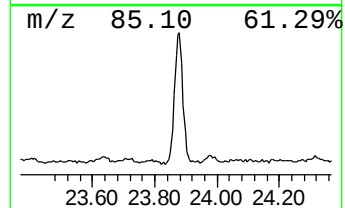
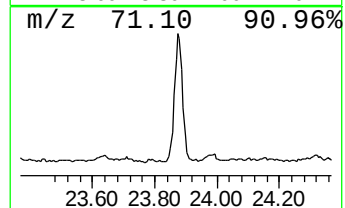
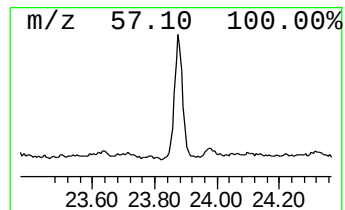
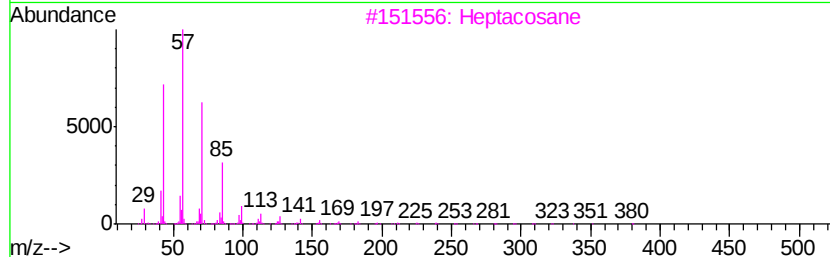
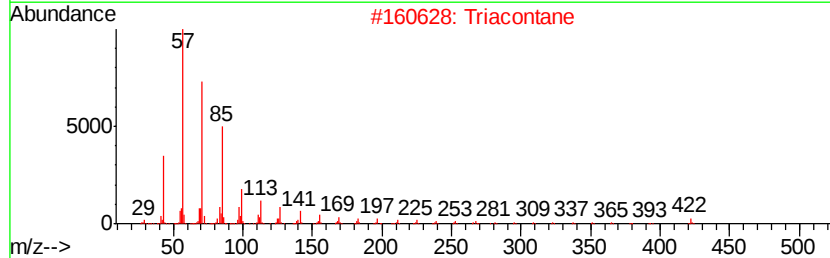
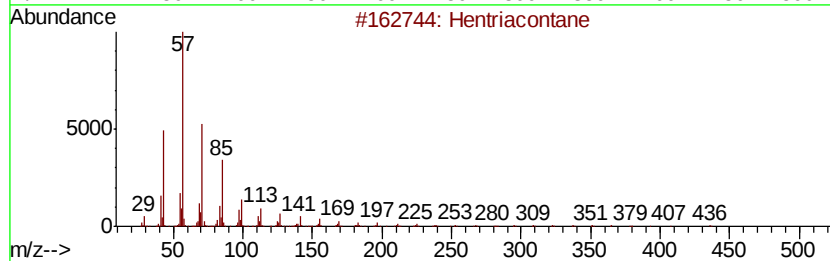
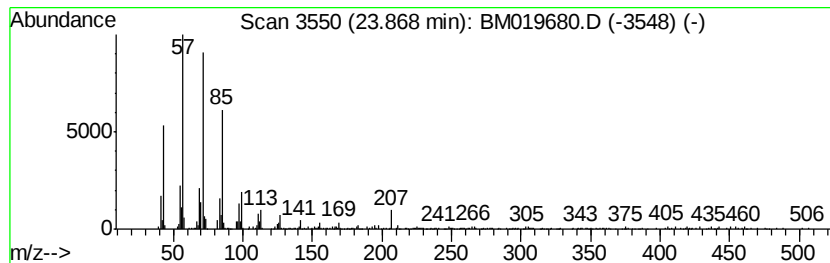
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	5.61 ng/ul	673375	Perylene-d12	23.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	95
2			Triacontane	422	C30H62	000638-68-6	94
3			Heptacosane	380	C27H56	000593-49-7	93
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040119\
Data File : BM019680.D
Acq On : 02 Apr 2019 06:22
Operator : JU/SJ
Sample : K2084-13
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF7X3

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	17.89	3.6	ng/ul	454759	4	16.99	2535560	20.0
Octadecanoic acid	19.17	2.1	ng/ul	216529	5	21.20	2101650	20.0
(DEL) Alkane: Cyc...	20.90	5.2	ng/ul	549884	5	21.20	2101650	20.0
(DEL) Alkane: Str...	21.76	3.1	ng/ul	324809	5	21.20	2101650	20.0
(DEL) Alkane: Str...	22.21	6.6	ng/ul	696850	5	21.20	2101650	20.0
(DEL) Alkane: Str...	22.70	6.8	ng/ul	813645	6	23.41	2401930	20.0
(DEL) Alkane: Str...	23.87	5.6	ng/ul	673375	6	23.41	2401930	20.0