

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
 Data File : BM019725.D
 Acq On : 03 Apr 2019 12:03
 Operator : JU/SJ
 Sample : K2168-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF642

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	30	rBV	29664	44221	1.81%	0.151%
2	3.628	106	109	116	rVB5	9618	15744	0.64%	0.054%
3	3.816	137	141	146	rVB2	12395	17081	0.70%	0.058%
4	4.193	202	205	210	rVB6	4828	6694	0.27%	0.023%
5	4.716	290	294	298	rBV4	3540	6698	0.27%	0.023%
6	4.769	301	303	306	rBV3	2942	3209	0.13%	0.011%
7	6.751	635	640	658	rBV	240826	510408	20.86%	1.738%
8	6.922	663	669	691	rVV	219287	418905	17.12%	1.426%
9	7.098	693	699	715	rVB	307033	548143	22.40%	1.866%
10	7.281	729	730	737	rVB5	1770	2469	0.10%	0.008%
11	7.563	771	778	788	rBV	517065	857148	35.03%	2.918%
12	7.634	788	790	800	rVB6	7459	13199	0.54%	0.045%
13	8.286	895	901	911	rBV	314685	608841	24.88%	2.073%
14	8.416	917	923	932	rVB3	11236	22388	0.91%	0.076%
15	8.739	971	978	991	rBV	283235	514867	21.04%	1.753%
16	8.881	999	1002	1009	rVB3	9165	15366	0.63%	0.052%
17	9.057	1025	1032	1037	rBV	14019	19743	0.81%	0.067%
18	9.451	1092	1099	1113	rBV	228626	430211	17.58%	1.465%
19	9.986	1184	1190	1213	rBV	314282	689026	28.16%	2.346%
20	10.345	1244	1251	1261	rBV	843365	1373668	56.14%	4.677%
21	10.522	1274	1281	1310	rVB	154569	436054	17.82%	1.485%
22	11.957	1521	1525	1529	rBV4	3476	6785	0.28%	0.023%
23	12.721	1651	1655	1660	rVB3	3299	4644	0.19%	0.016%
24	12.816	1667	1671	1676	rBV4	1735	2742	0.11%	0.009%
25	13.021	1702	1706	1714	rVB3	6230	9593	0.39%	0.033%
26	13.180	1732	1733	1738	rBV3	2187	3025	0.12%	0.010%
27	13.651	1806	1813	1817	rBV	724773	1064475	43.50%	3.624%
28	13.698	1817	1821	1831	rVB	133214	214882	8.78%	0.732%
29	13.921	1852	1859	1873	rBV	867825	1328591	54.30%	4.524%
30	14.027	1875	1877	1881	rVB3	5709	6683	0.27%	0.023%
31	14.110	1885	1891	1895	rBV3	9419	13270	0.54%	0.045%
32	14.168	1897	1901	1904	rVB3	2920	3775	0.15%	0.013%
33	14.227	1904	1911	1922	rBV2	1265122	1945024	79.49%	6.622%
34	14.445	1944	1948	1950	rBV5	2236	3028	0.12%	0.010%

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35	14.498	1952	1957	1970	rBV2	98651	307608	12.57%	1.047%
36	14.657	1980	1984	1991	rBV2	56773	84530	3.45%	0.288%
37	15.015	2043	2045	2050	rVB5	6363	6156	0.25%	0.021%
38	15.068	2050	2054	2060	rBV2	12212	17383	0.71%	0.059%
39	15.121	2061	2063	2068	rVB4	2673	2993	0.12%	0.010%
40	15.227	2075	2081	2092	rBV	1204737	1795363	73.38%	6.113%
41	15.315	2095	2096	2099	rVB3	4744	3585	0.15%	0.012%
42	15.380	2102	2107	2119	rVV	222635	381259	15.58%	1.298%
43	15.474	2119	2123	2127	rVV4	23553	36914	1.51%	0.126%
44	15.510	2127	2129	2133	rVB4	5184	5260	0.21%	0.018%
45	15.633	2148	2150	2154	rVB5	5698	5666	0.23%	0.019%
46	15.692	2154	2160	2163	rBV5	5301	8820	0.36%	0.030%
47	15.810	2175	2180	2184	rVB7	5800	11708	0.48%	0.040%
48	15.851	2184	2187	2190	rBV5	4553	6403	0.26%	0.022%
49	15.951	2197	2204	2208	rBV5	19118	38966	1.59%	0.133%
50	16.015	2212	2215	2219	rVB4	4918	5094	0.21%	0.017%
51	16.268	2254	2258	2259	rBV4	4798	4821	0.20%	0.016%
52	16.392	2275	2279	2282	rBV4	25303	37988	1.55%	0.129%
53	16.457	2287	2290	2293	rVV2	17538	22805	0.93%	0.078%
54	16.486	2293	2295	2298	rVB4	6540	6657	0.27%	0.023%
55	16.727	2333	2336	2340	rBV3	14876	17666	0.72%	0.060%
56	16.774	2340	2344	2350	rVB4	24116	36978	1.51%	0.126%
57	16.892	2363	2364	2368	rVB4	6638	5361	0.22%	0.018%
58	16.986	2374	2380	2390	rBV	1693208	2338733	95.58%	7.963%
59	17.086	2391	2397	2407	rBV2	1395572	1983608	81.07%	6.754%
60	17.327	2436	2438	2441	rBV3	8434	9236	0.38%	0.031%
61	17.374	2444	2446	2451	rVB5	10254	13624	0.56%	0.046%
62	17.468	2459	2462	2467	rVV4	13834	16424	0.67%	0.056%
63	17.509	2467	2469	2471	rVB4	6964	4068	0.17%	0.014%
64	17.880	2527	2532	2542	rBV	362952	568303	23.23%	1.935%
65	18.162	2577	2580	2583	rBV4	20697	26014	1.06%	0.089%
66	18.803	2687	2689	2692	rVB3	23777	23484	0.96%	0.080%
67	19.027	2725	2727	2728	rBV2	26204	18085	0.74%	0.062%
68	19.174	2748	2752	2760	rBV	227749	389546	15.92%	1.326%
69	19.398	2784	2790	2795	rBV	1495111	2127244	86.94%	7.243%
70	19.733	2844	2847	2850	rBV2	80778	98509	4.03%	0.335%
71	19.768	2850	2853	2858	rVB	139336	164712	6.73%	0.561%

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72	20.897	3042	3045	3052	rVB	288683	395710	16.17%	1.347%
73	21.103	3077	3080	3083	rVB	132804	127700	5.22%	0.435%
74	21.197	3091	3096	3104	rBV	1859495	2446832	100.00%	8.331%
75	22.203	3264	3267	3273	rBV	234736	301743	12.33%	1.027%
76	22.697	3348	3351	3356	rVB	271225	375364	15.34%	1.278%
77	23.256	3440	3446	3454	rBV3	989694	1958805	80.05%	6.669%
78	23.403	3465	3471	3480	rVB	1050786	1972342	80.61%	6.715%

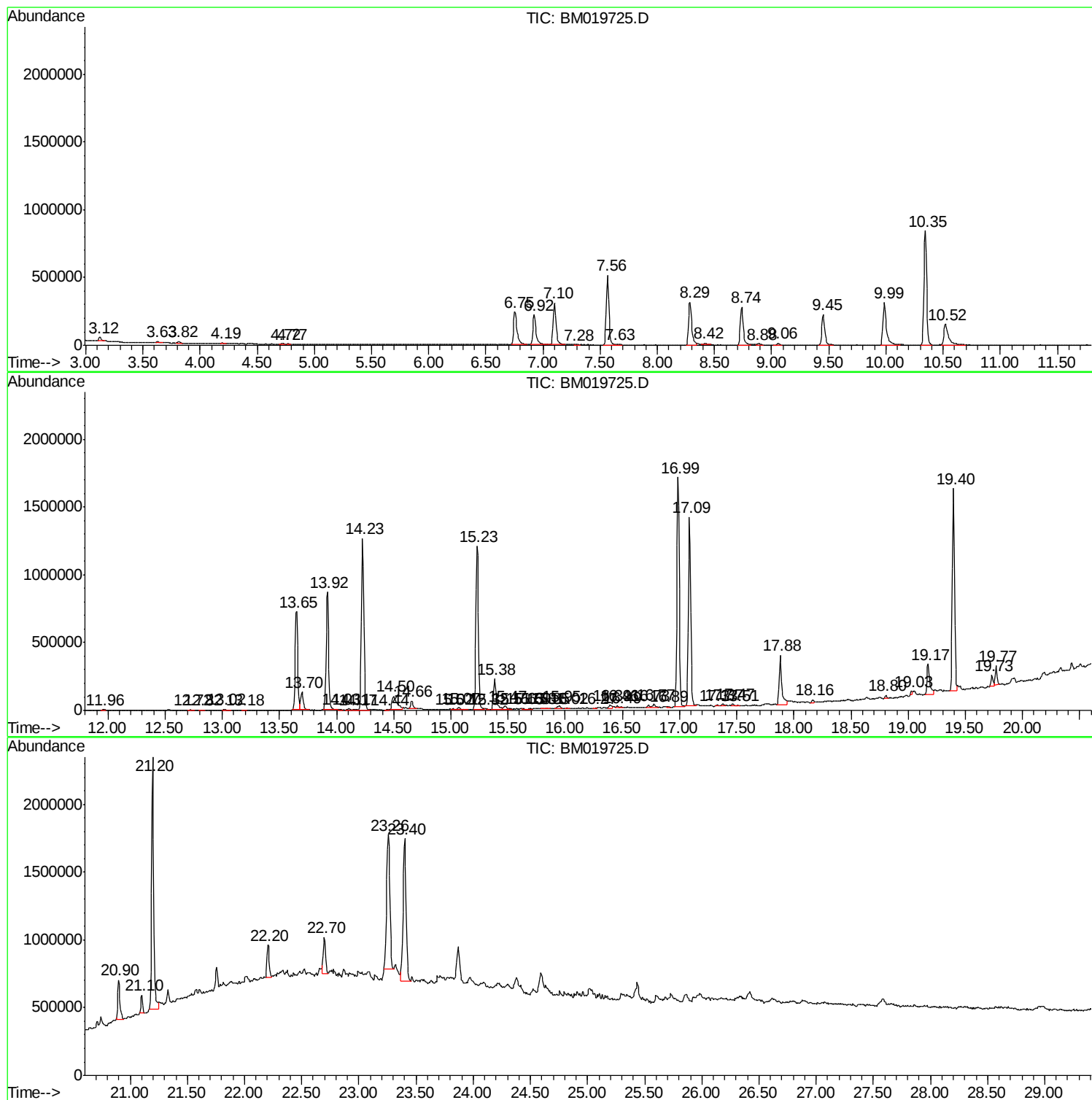
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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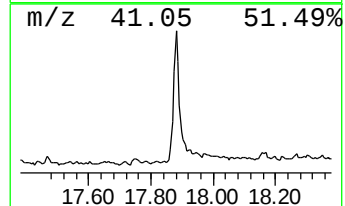
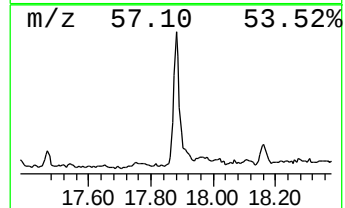
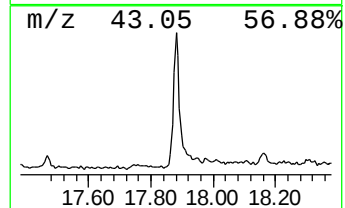
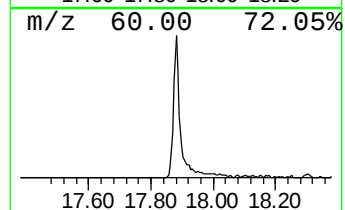
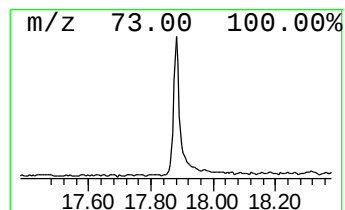
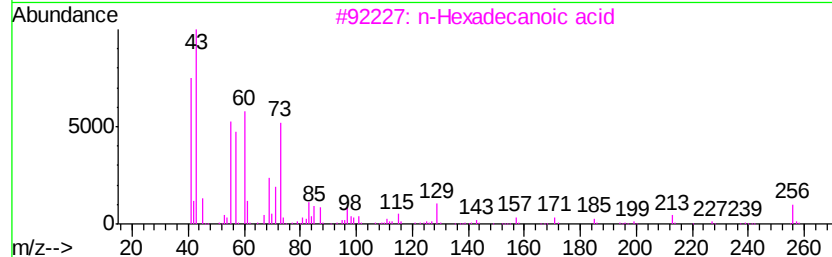
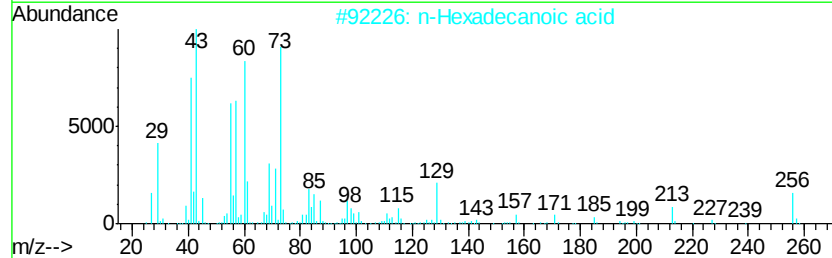
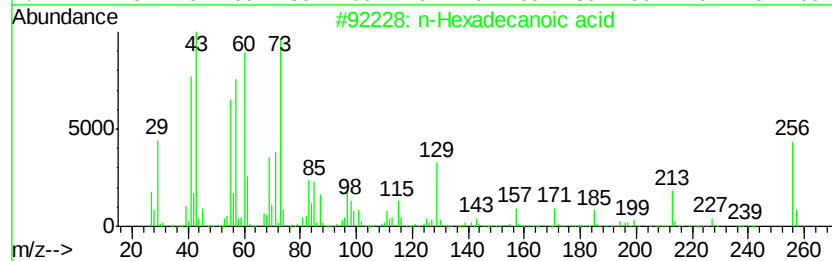
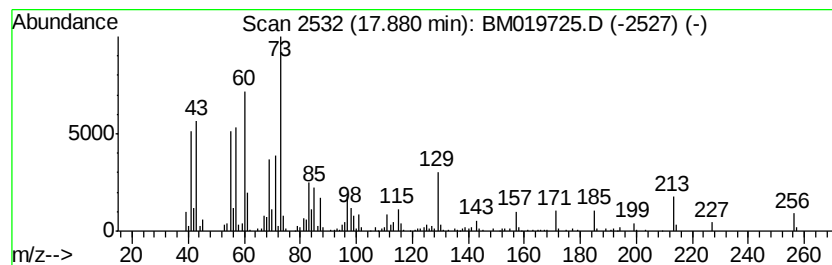
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.86 ng/ul	568303	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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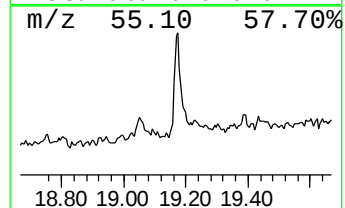
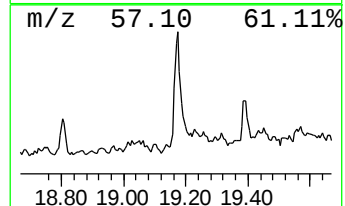
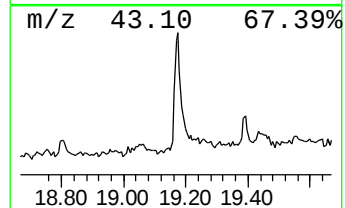
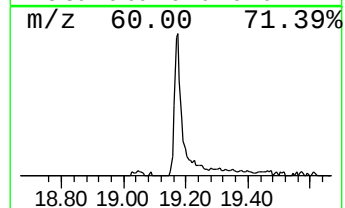
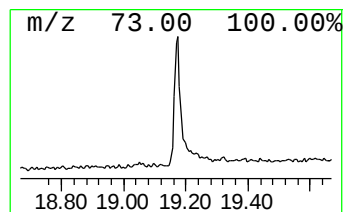
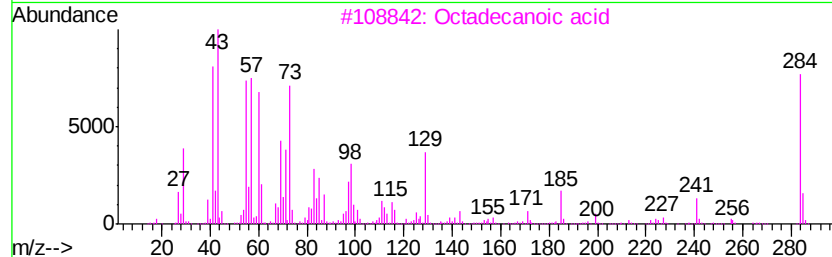
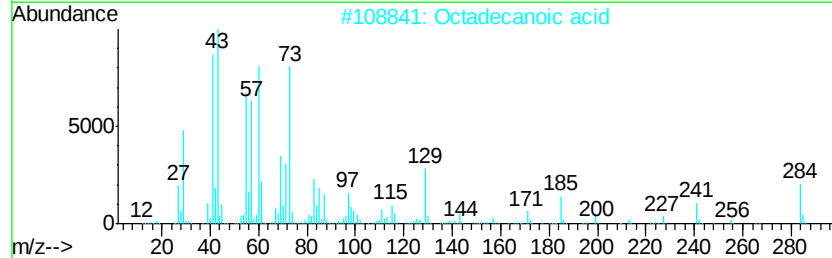
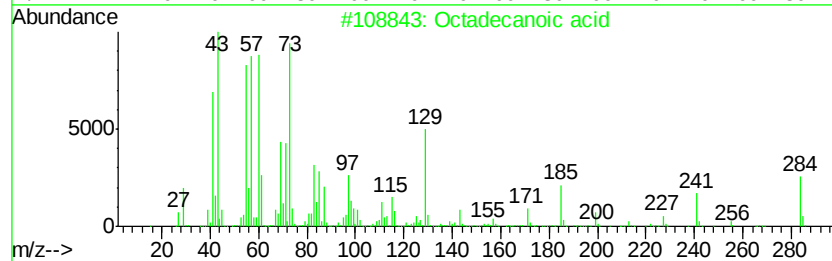
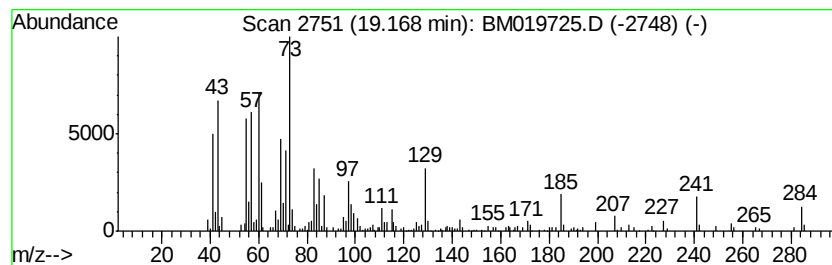
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.18 ng/ul	389546	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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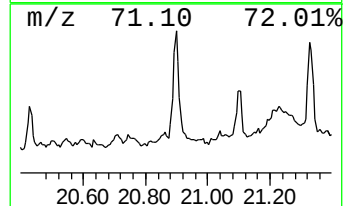
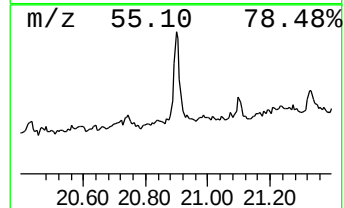
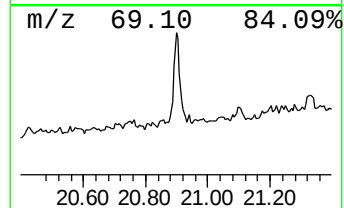
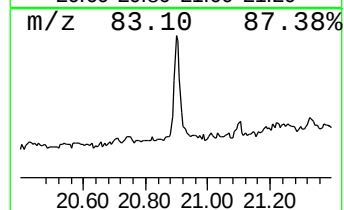
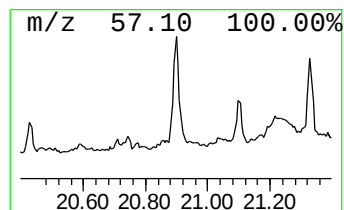
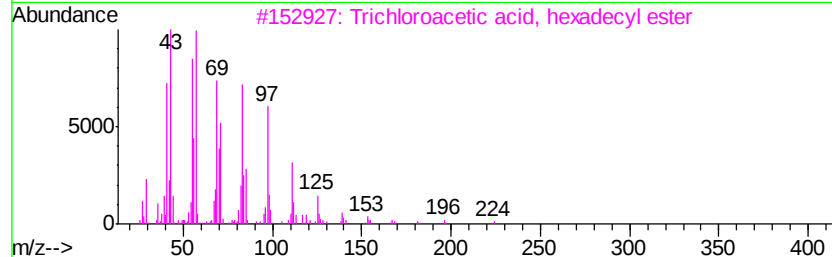
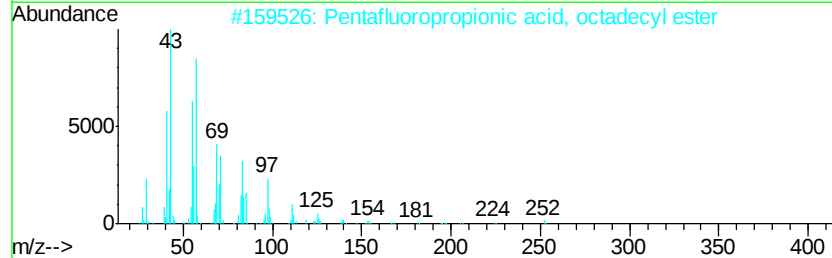
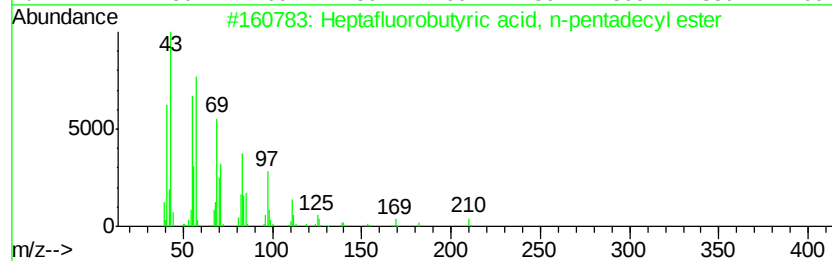
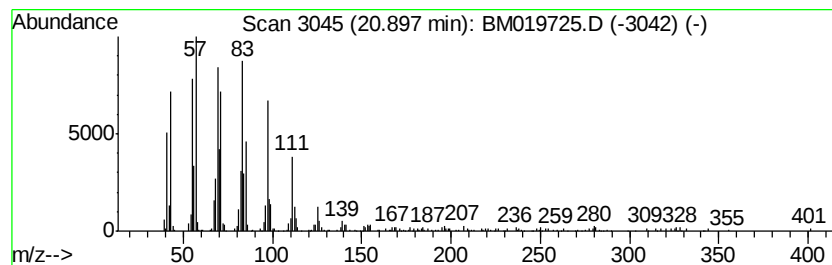
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.23 ng/ul	395710	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
2		Pentafluoropropionic acid, octadec...	416	C21H37F5O2	1000280-07-7	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
5		1-Pentadecanol	228	C15H32O	000629-76-5	87



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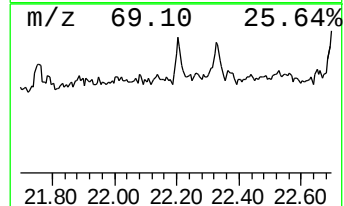
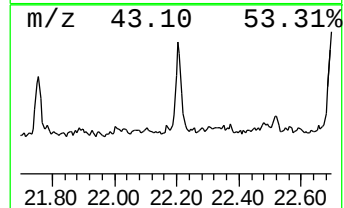
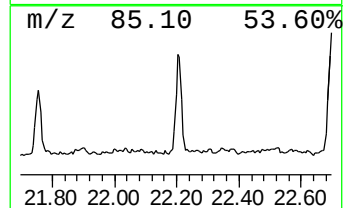
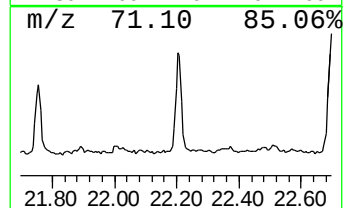
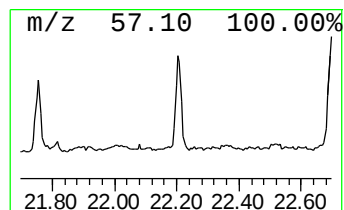
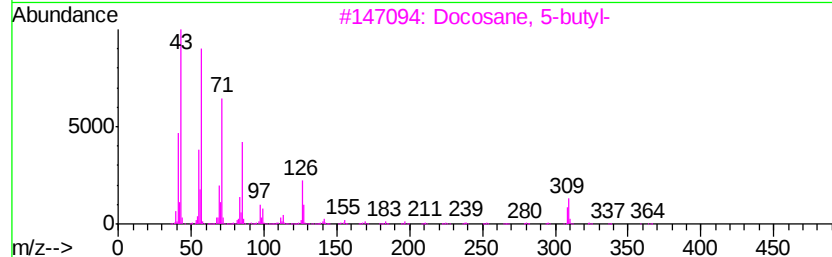
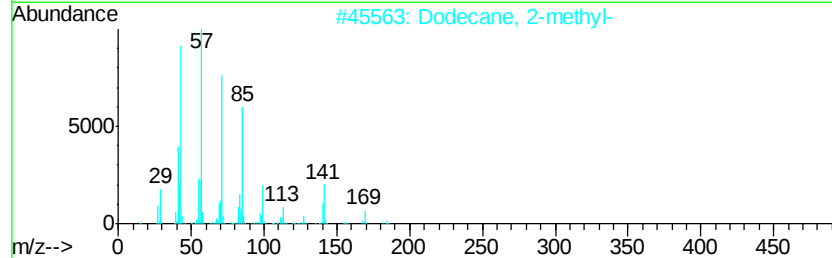
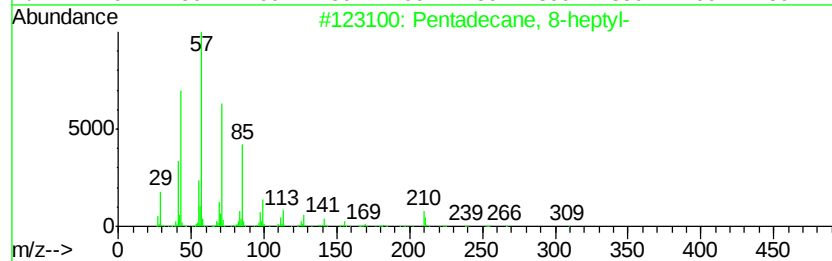
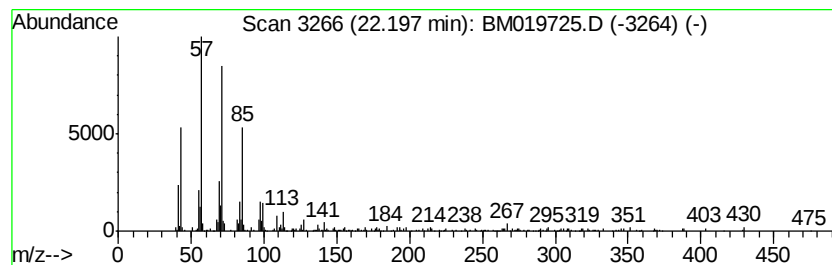
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.47 ng/ul	301743	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Docosane, 5-butyl-	366	C26H54	055282-16-1	86
4		Docosane	310	C22H46	000629-97-0	86
5		Octacosane	394	C28H58	000630-02-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019725.D
Acq On : 03 Apr 2019 12:03
Operator : JU/SJ
Sample : K2168-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF642

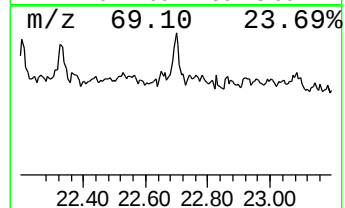
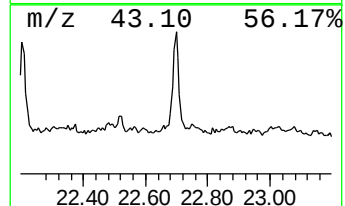
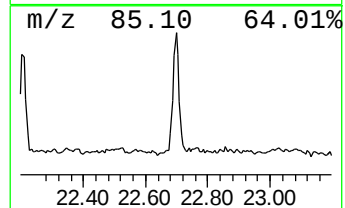
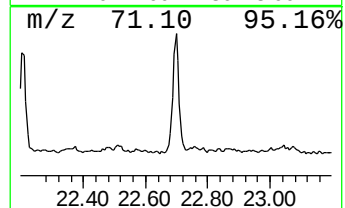
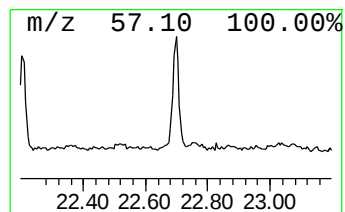
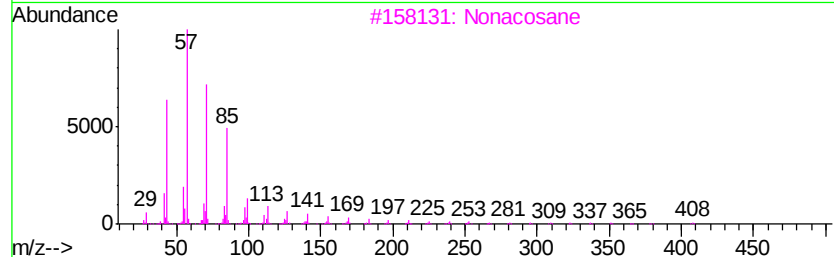
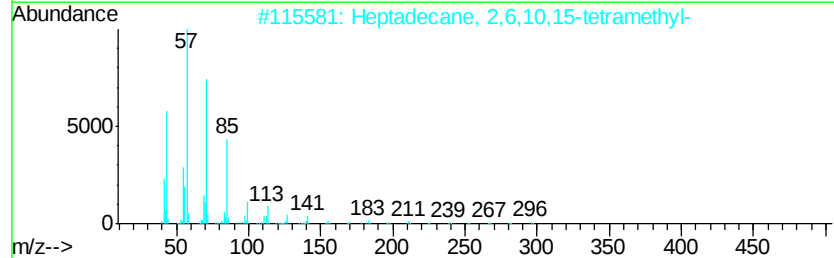
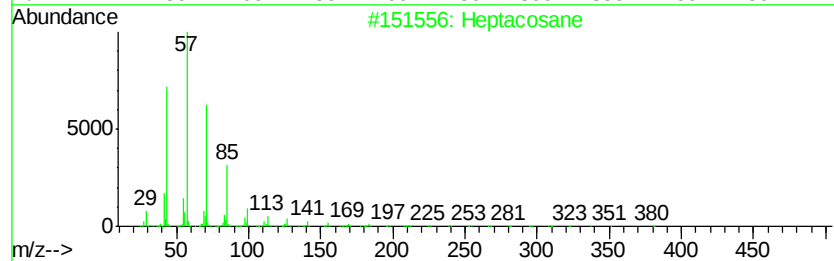
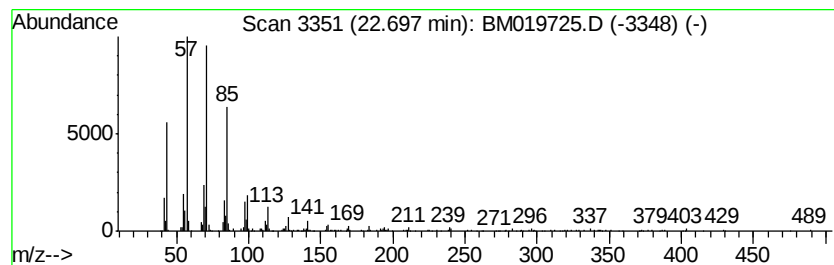
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	3.81 ng/ul	375364	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Nonacosane	408	C29H60	000630-03-5	90
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5		Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019725.D
Acq On : 03 Apr 2019 12:03
Operator : JU/SJ
Sample : K2168-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF642

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	17.88	4.9	ng/ul	568303	4	16.99	2338730	20.0
Octadecanoic acid	19.17	3.2	ng/ul	389546	5	21.20	2446830	20.0
Heptafluorobutyri...	20.90	3.2	ng/ul	395710	5	21.20	2446830	20.0
(DEL) Alkane: Str...	22.20	2.5	ng/ul	301743	5	21.20	2446830	20.0
(DEL) Alkane: Str...	22.70	3.8	ng/ul	375364	6	23.40	1972340	20.0