

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019380.D
 Acq On : 24 Mar 2019 08:00
 Operator : JU/SJ
 Sample : K2031-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5R9

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	3.146	24	27	35	rVB	35131	48864	1.39%	0.145%
2	3.752	125	130	136	rBV	11891	20589	0.59%	0.061%
3	4.751	296	300	306	rVB	13174	18522	0.53%	0.055%
4	6.787	641	646	665	rBV	256554	547850	15.58%	1.621%
5	6.963	670	676	694	rBV	242539	471213	13.40%	1.395%
6	7.140	700	706	716	rBV	335878	578477	16.45%	1.712%
7	7.610	779	786	798	rBV	482587	801481	22.79%	2.372%
8	8.322	901	907	925	rBV	356666	694382	19.75%	2.055%
9	8.451	926	929	941	rVB3	7657	16716	0.48%	0.049%
10	8.616	954	957	964	rVB	2133	4469	0.13%	0.013%
11	8.781	978	985	1001	rBV	294925	552752	15.72%	1.636%
12	9.104	1037	1040	1046	rVB2	6759	10860	0.31%	0.032%
13	9.492	1100	1106	1119	rBV	231673	411366	11.70%	1.218%
14	10.028	1187	1197	1217	rBV	305238	666588	18.96%	1.973%
15	10.386	1251	1258	1272	rBV	700521	1183536	33.66%	3.503%
16	10.557	1280	1287	1306	rBV	253858	658077	18.71%	1.948%
17	11.939	1517	1522	1523	rBV2	3192	3644	0.10%	0.011%
18	12.027	1533	1537	1541	rBV4	3483	6380	0.18%	0.019%
19	13.686	1813	1819	1824	rBV	792753	1194658	33.97%	3.536%
20	13.733	1824	1827	1839	rVB	160579	254767	7.24%	0.754%
21	13.957	1858	1865	1884	rBV	915694	1350134	38.39%	3.996%
22	14.268	1911	1918	1931	rBV2	1025810	1629795	46.35%	4.824%
23	14.527	1953	1962	1979	rBV3	66962	249117	7.08%	0.737%
24	14.698	1987	1991	1998	rVB5	14111	29977	0.85%	0.089%
25	15.057	2049	2052	2056	rVB2	3570	4289	0.12%	0.013%
26	15.104	2056	2060	2064	rVB4	4893	7409	0.21%	0.022%
27	15.263	2081	2087	2100	rBV	1163907	1815483	51.63%	5.373%
28	15.410	2105	2112	2123	rVV	156046	283587	8.06%	0.839%
29	15.510	2125	2129	2133	rVB4	13082	20066	0.57%	0.059%
30	15.974	2205	2208	2213	rBV2	4089	7198	0.20%	0.021%
31	16.057	2218	2222	2225	rVV4	4525	6316	0.18%	0.019%
32	16.815	2346	2351	2356	rVB2	5689	8984	0.26%	0.027%
33	16.939	2365	2372	2374	rBV5	3171	4560	0.13%	0.013%
34	17.021	2380	2386	2396	rBV	1426862	1952496	55.52%	5.779%

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35	17.121	2397	2403	2421	rVB	1281421	1936873	55.08%	5.733%
36	17.915	2533	2538	2551	rBV	357498	614338	17.47%	1.818%
37	18.033	2557	2558	2562	rVB2	4572	4128	0.12%	0.012%
38	18.345	2608	2611	2612	rBV3	3280	3898	0.11%	0.012%
39	18.715	2672	2674	2675	rBV	4905	3720	0.11%	0.011%
40	18.786	2682	2686	2687	rBV4	3739	4709	0.13%	0.014%
41	18.839	2693	2695	2699	rVB3	5880	5708	0.16%	0.017%
42	19.062	2729	2733	2745	rBV3	29790	78262	2.23%	0.232%
43	19.203	2753	2757	2768	rBV	229302	390575	11.11%	1.156%
44	19.427	2789	2795	2812	rVB2	1647915	2286417	65.02%	6.767%
45	19.786	2854	2856	2859	rBV3	5559	6202	0.18%	0.018%
46	19.962	2884	2886	2890	rVB4	18387	19826	0.56%	0.059%
47	20.462	2968	2971	2976	rVB3	33502	38581	1.10%	0.114%
48	20.933	3046	3051	3063	rBV	273138	576844	16.40%	1.707%
49	21.227	3096	3101	3114	rBV	1937769	2503631	71.19%	7.410%
50	21.362	3121	3124	3131	rBV	202741	217812	6.19%	0.645%
51	21.792	3193	3197	3201	rBV	381222	444560	12.64%	1.316%
52	22.244	3270	3274	3282	rVB	584785	705053	20.05%	2.087%
53	22.739	3354	3358	3365	rVB	628127	883183	25.11%	2.614%
54	23.297	3447	3453	3468	rBV2	2004431	3516592	100.00%	10.408%
55	23.438	3471	3477	3488	rVB	1358720	2584577	73.50%	7.649%
56	23.927	3554	3560	3567	rVB	466453	847825	24.11%	2.509%
57	24.656	3678	3684	3693	rVB	291978	599644	17.05%	1.775%

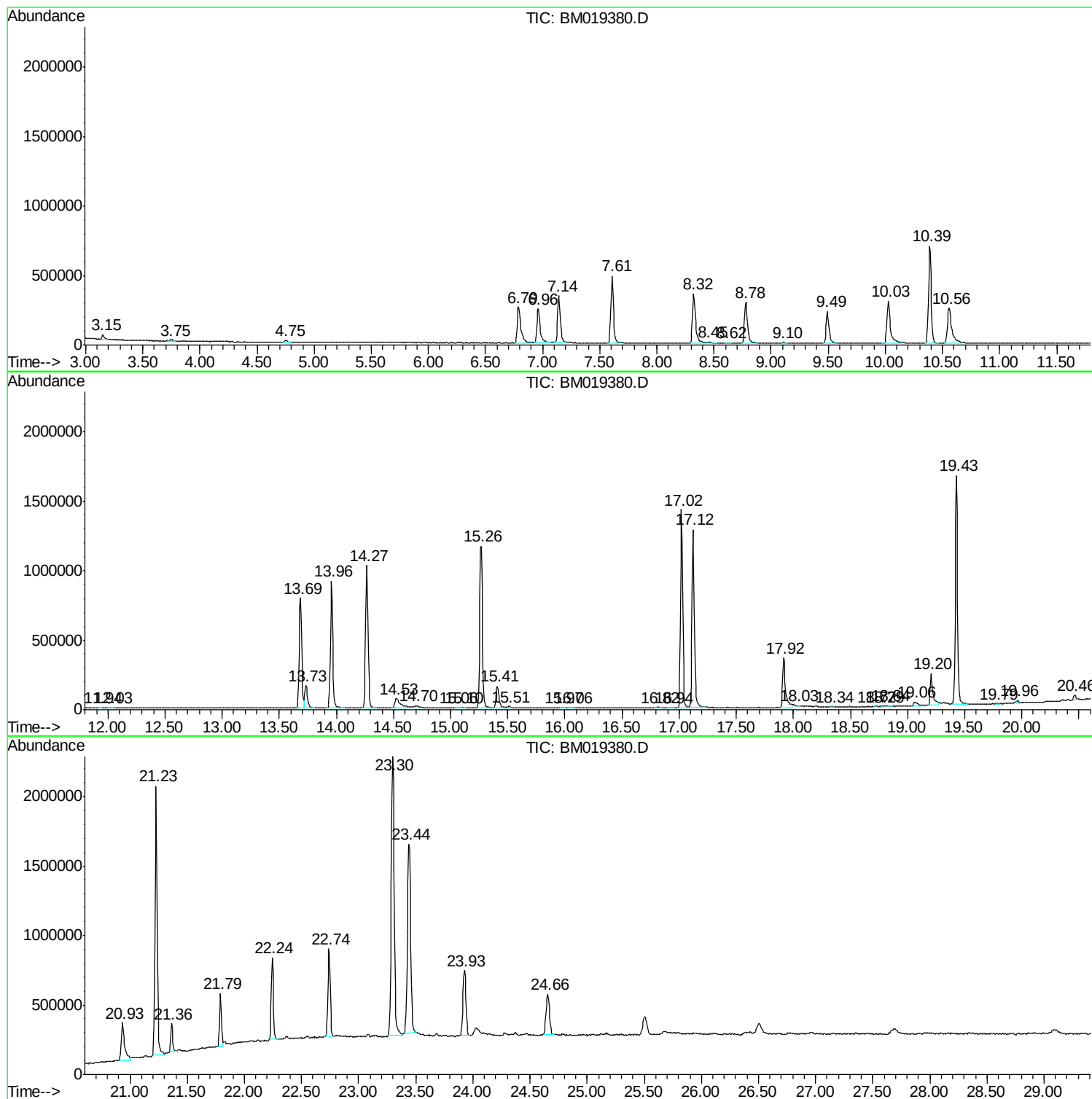
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TIC Library : C:\DATABASE\NIST02.L
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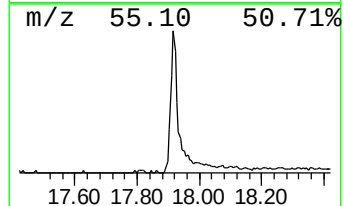
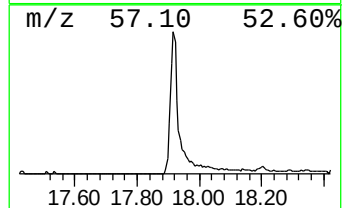
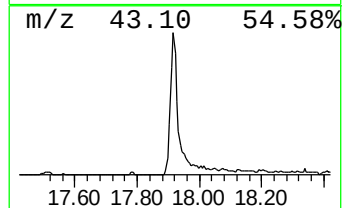
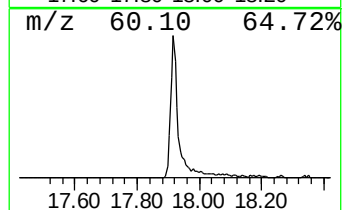
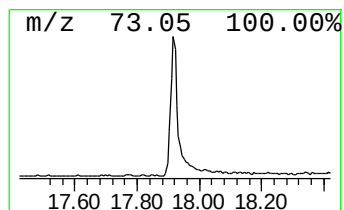
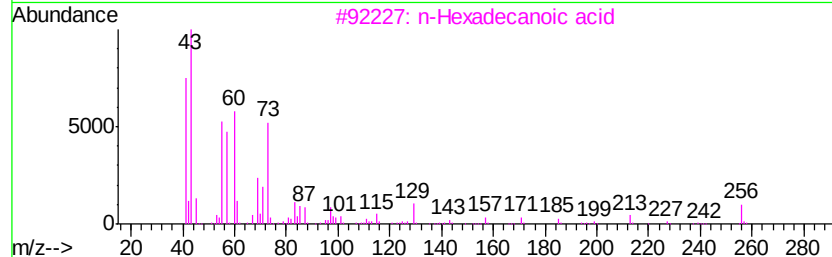
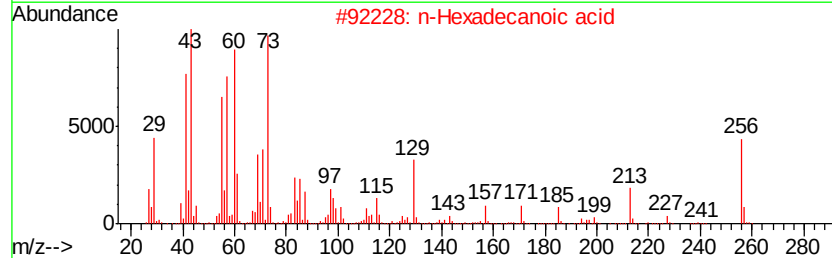
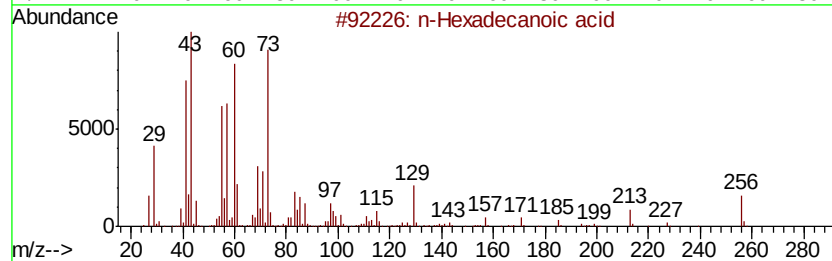
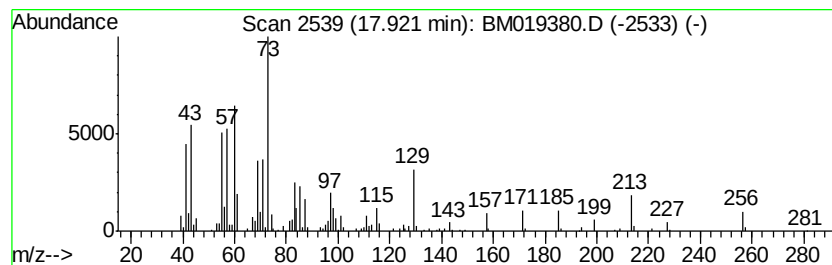
Instrument :
BNA_M
ClientSampleId :
BF5R9

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.
17.92	6.29 ng/ul	614338	Phenanthrene-d10		17.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Tetradecane	198	C14H30	000629-59-4	18



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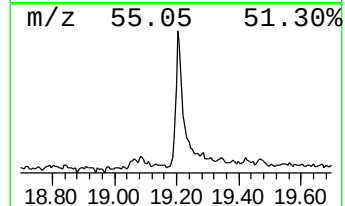
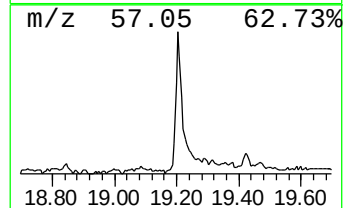
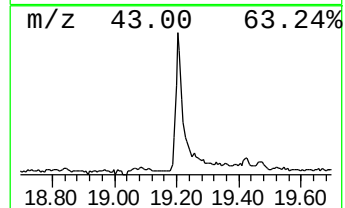
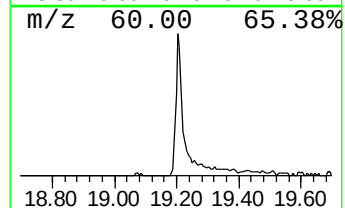
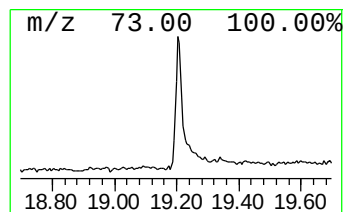
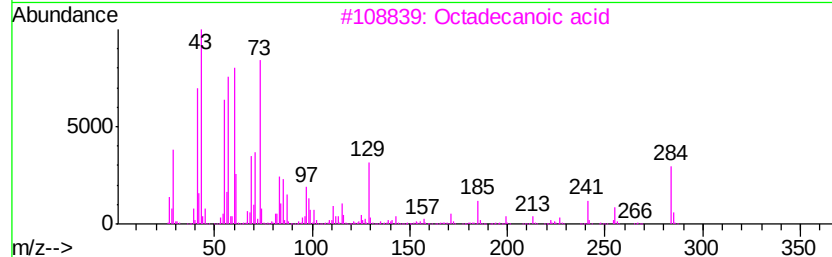
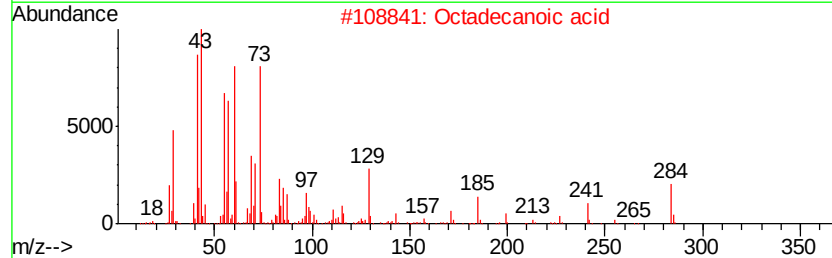
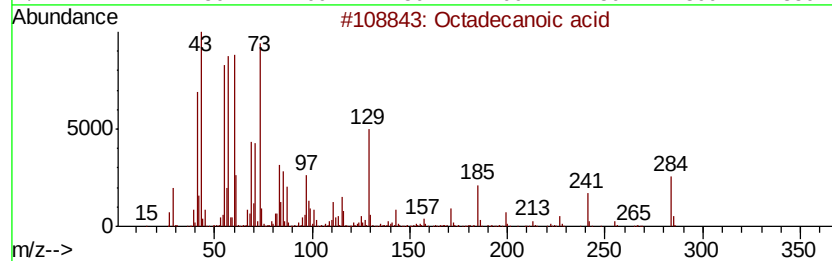
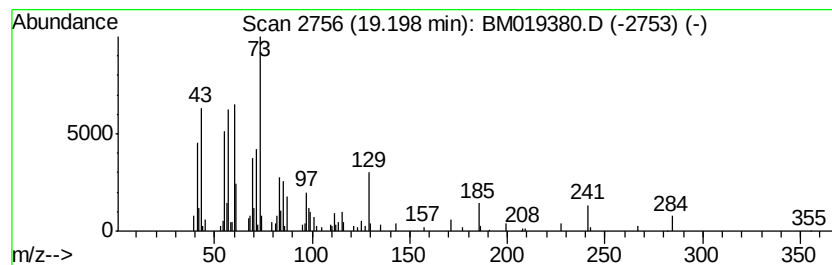
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.12 ng/ul	390575	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	91
2		Octadecanoic acid	284	C18H36O2	000057-11-4	90
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	68



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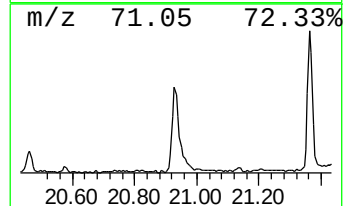
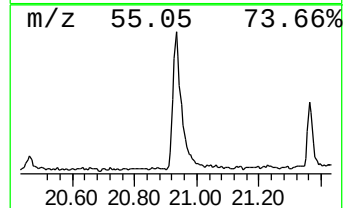
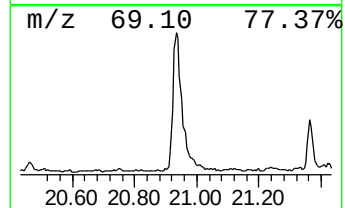
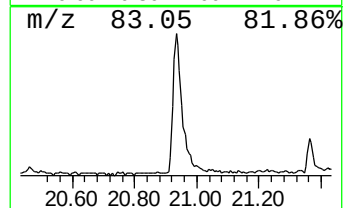
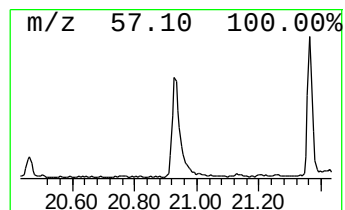
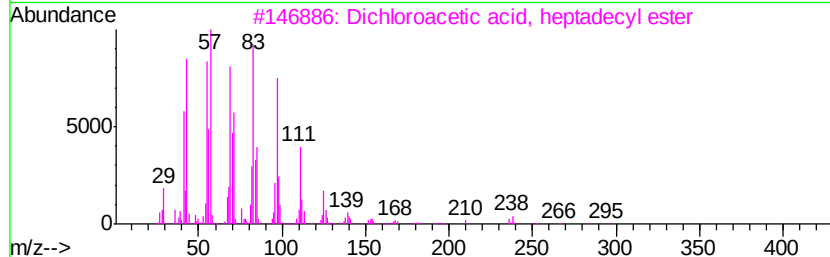
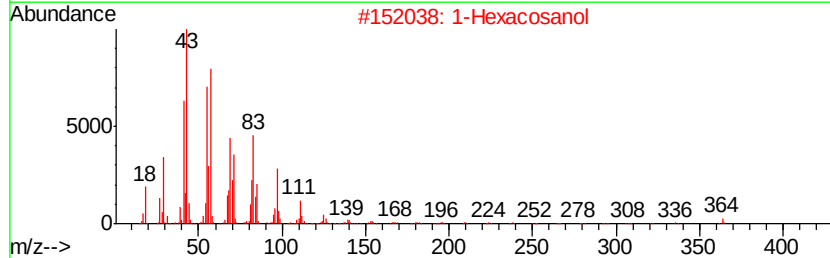
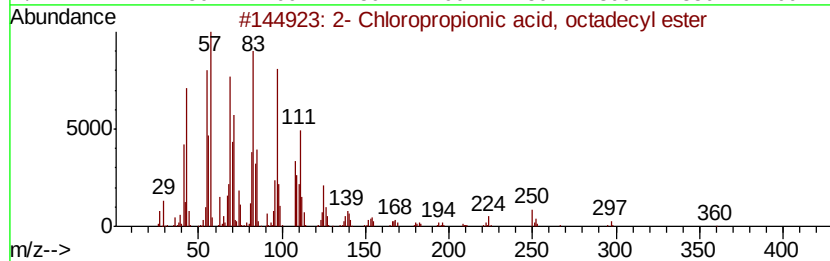
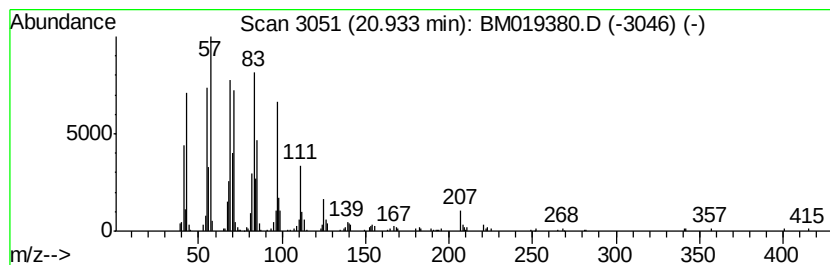
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2- Chloropropionic acid, oc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	4.61 ng/ul	576844	Chrysene-d12	21.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-	Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
2	1-	Hexacosanol	382	C26H54O	000506-52-5	91
3	Dichloroacetic acid, heptadecyl ...		366	C19H36Cl2O2	1000282-98-2	90
4	Trichloroacetic acid, pentadecyl...		372	C17H31Cl3O2	074339-53-0	87
5	1-Octadecanol		270	C18H38O	000112-92-5	83



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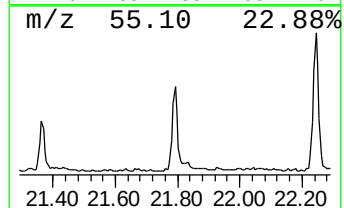
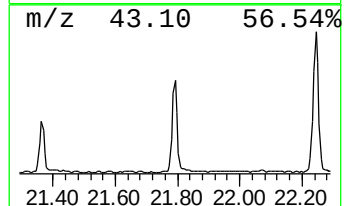
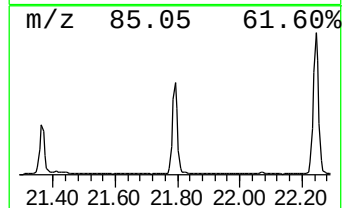
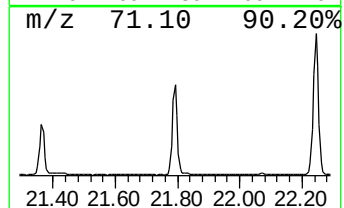
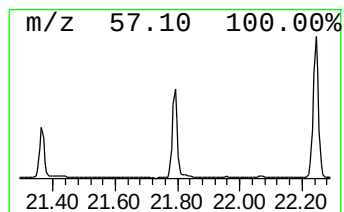
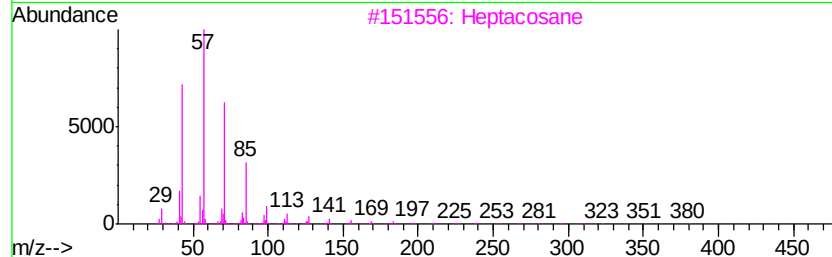
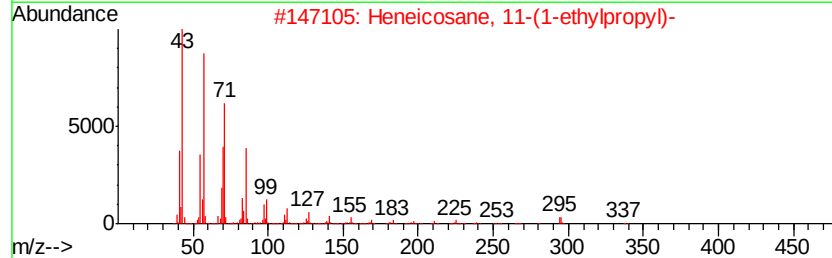
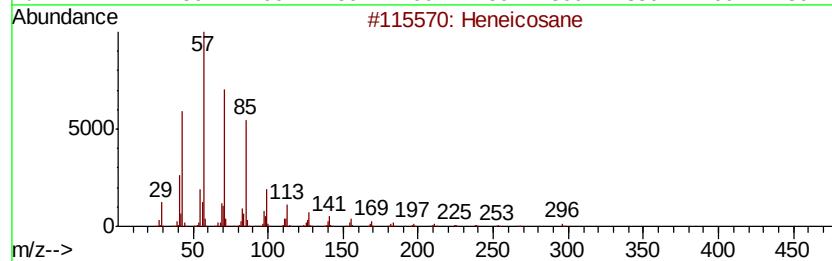
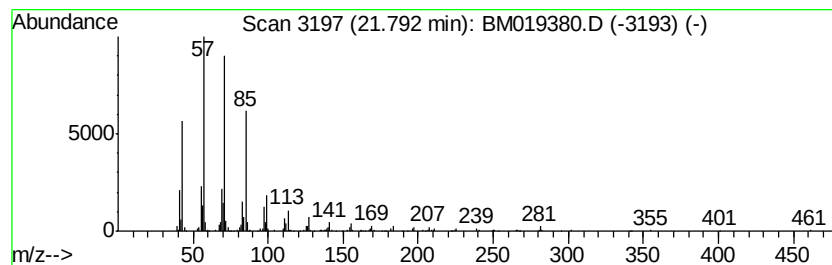
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	3.55 ng/ul	444560	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	86



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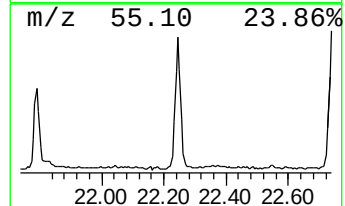
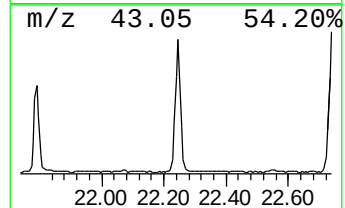
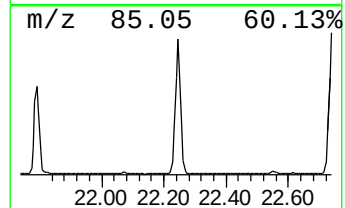
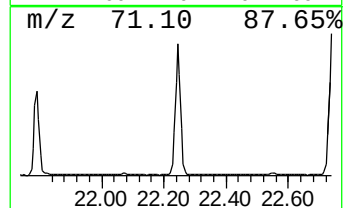
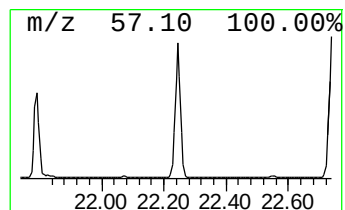
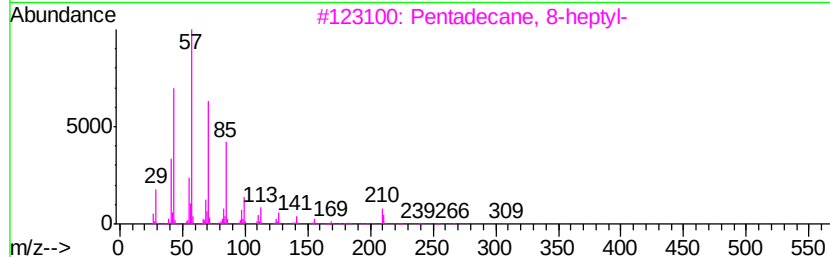
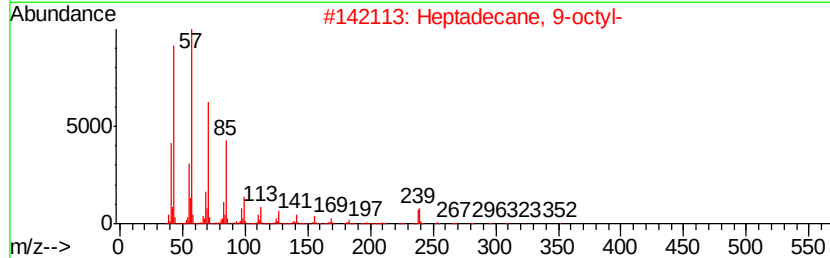
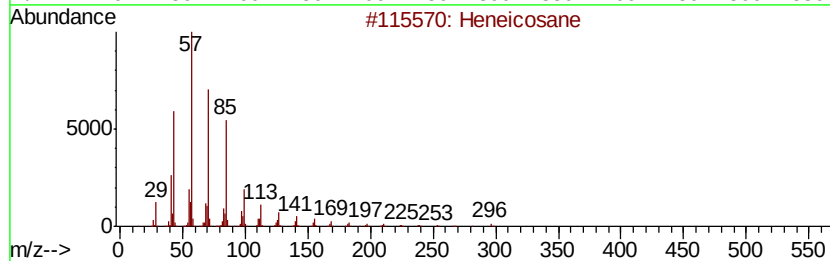
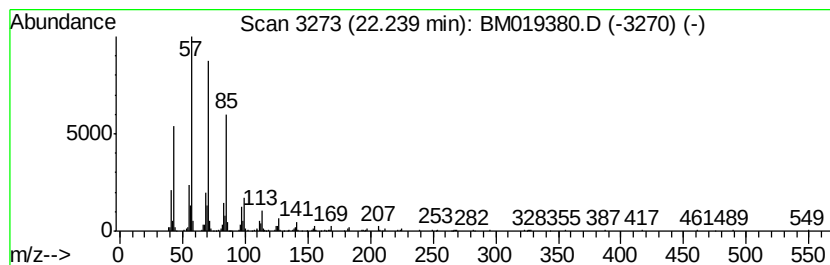
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.24	5.63 ng/ul	705053	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019380.D
Acq On : 24 Mar 2019 08:00
Operator : JU/SJ
Sample : K2031-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5R9

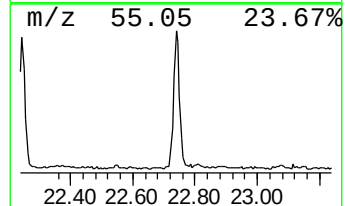
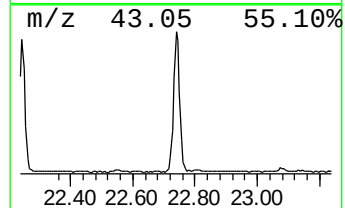
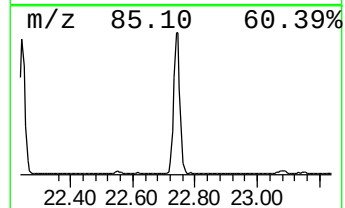
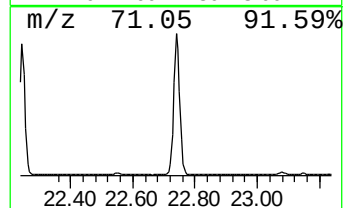
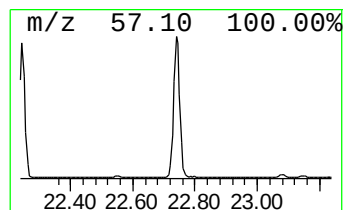
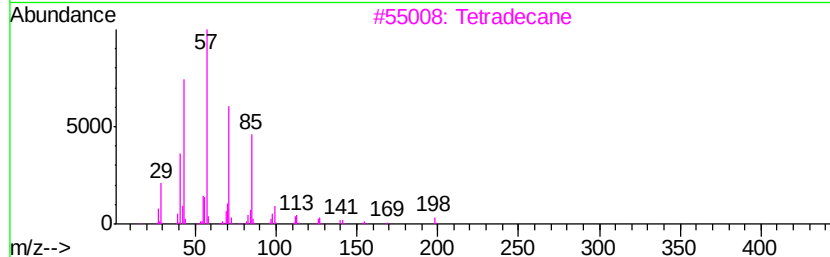
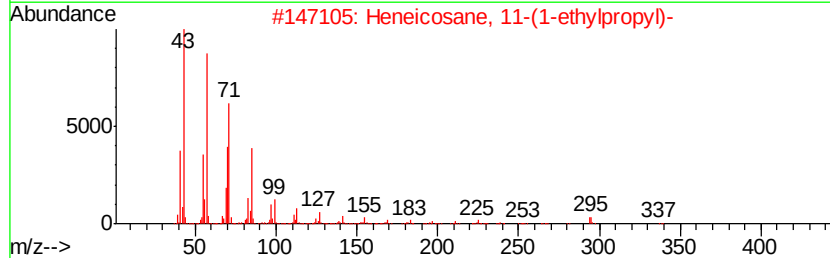
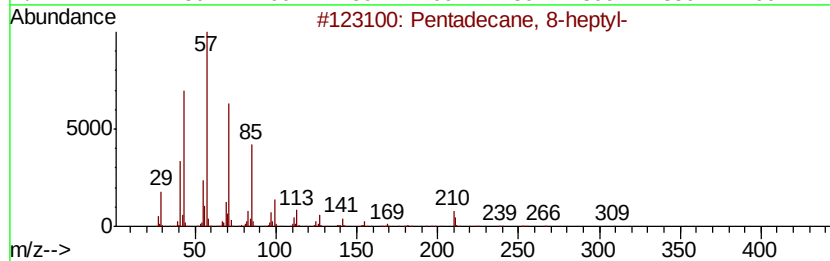
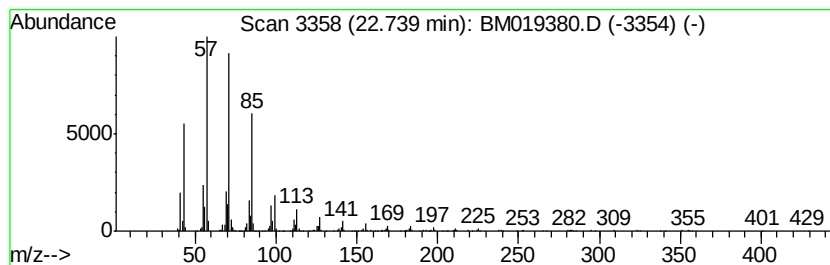
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Quant Title : SVOA CALIBRATION

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.
22.74	6.83 ng/ul	883183	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Tetradecane	198	C14H30	000629-59-4	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019380.D
Acq On : 24 Mar 2019 08:00
Operator : JU/SJ
Sample : K2031-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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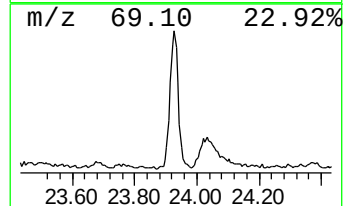
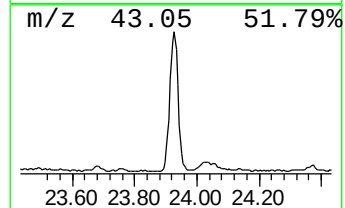
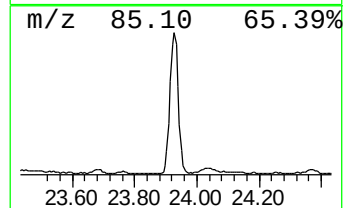
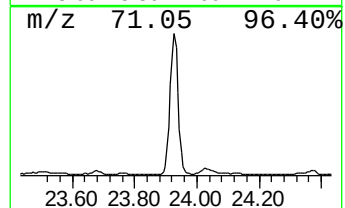
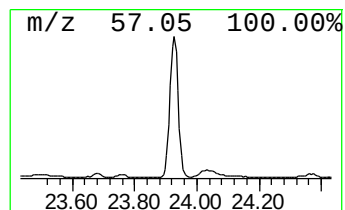
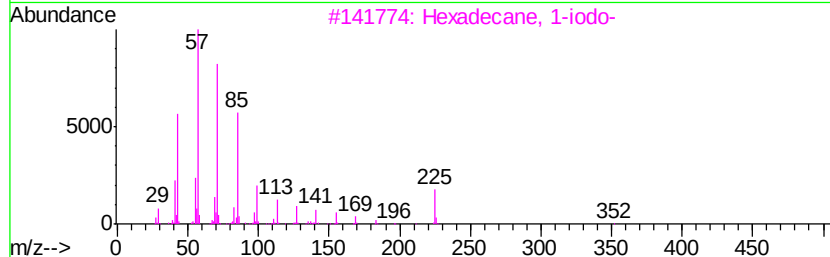
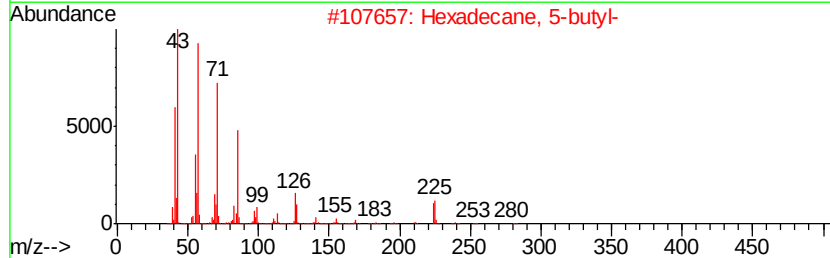
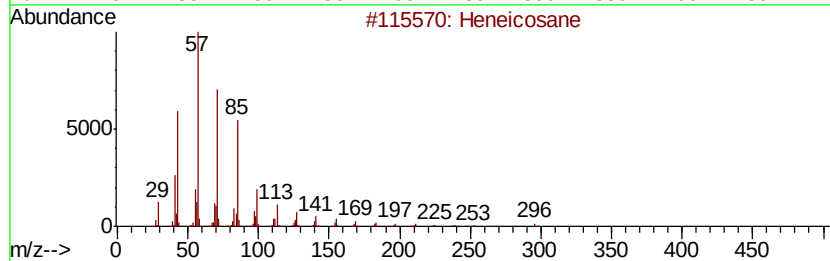
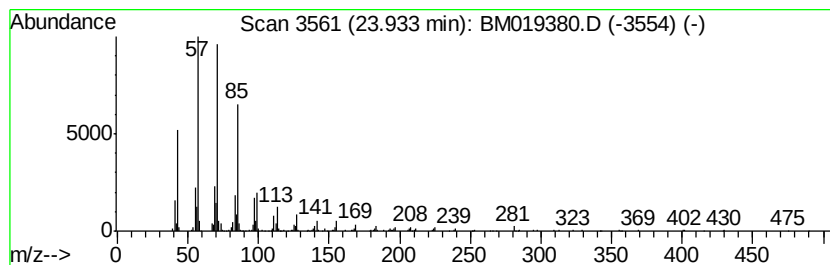
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	6.56 ng/ul	847825	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	90
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4		Heneicosane	296	C21H44	000629-94-7	86
5		Octacosane	394	C28H58	000630-02-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019380.D
Acq On : 24 Mar 2019 08:00
Operator : JU/SJ
Sample : K2031-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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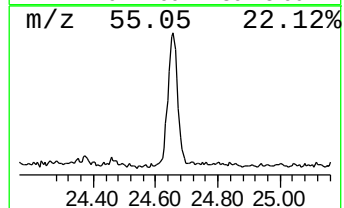
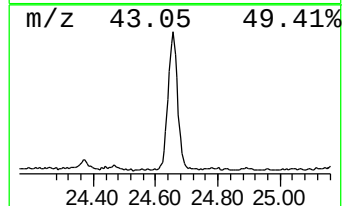
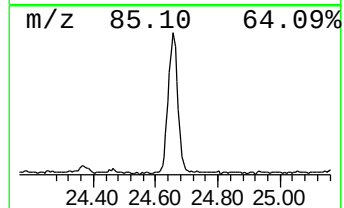
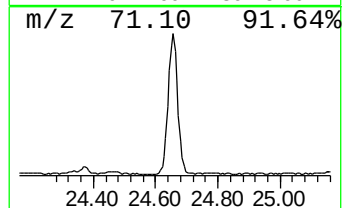
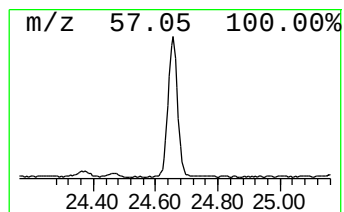
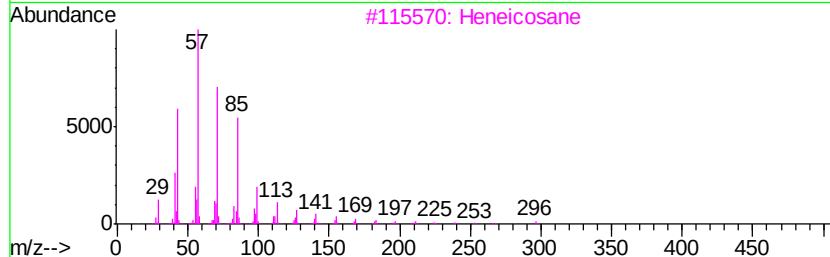
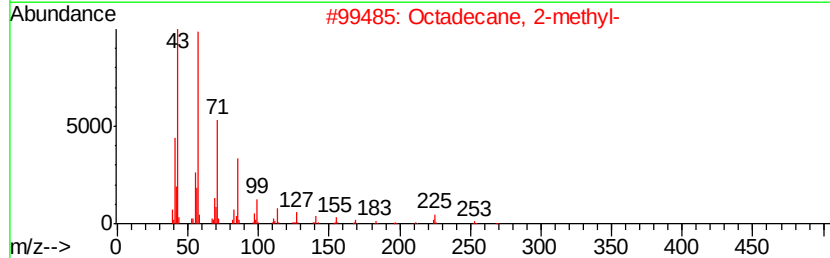
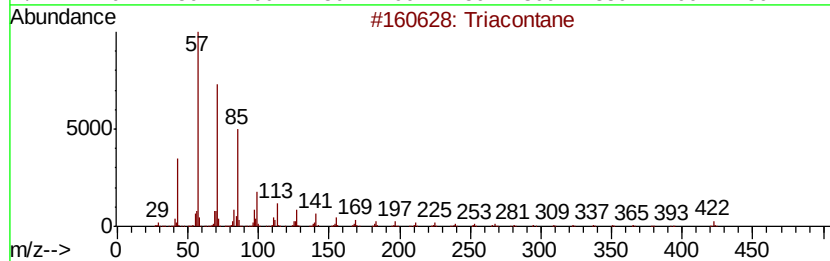
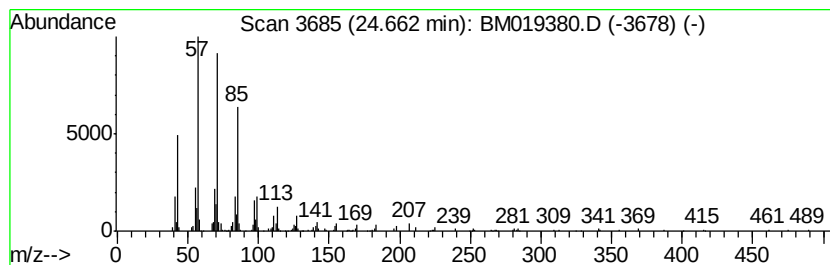
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	4.64 ng/ul	599644	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	91
2		Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019380.D
Acq On : 24 Mar 2019 08:00
Operator : JU/SJ
Sample : K2031-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	17.92	6.3	ng/ul	614338	4	17.02	1952500	20.0
Octadecanoic acid	19.20	3.1	ng/ul	390575	5	21.23	2503630	20.0
2- Chloropropioni...	20.93	4.6	ng/ul	576844	5	21.23	2503630	20.0
(DEL) Alkane: Str...	21.79	3.5	ng/ul	444560	5	21.23	2503630	20.0
(DEL) Alkane: Str...	22.24	5.6	ng/ul	705053	5	21.23	2503630	20.0
(DEL) Alkane: Str...	22.74	6.8	ng/ul	883183	6	23.44	2584580	20.0
(DEL) Alkane: Str...	23.93	6.6	ng/ul	847825	6	23.44	2584580	20.0
(DEL) Alkane: Str...	24.66	4.6	ng/ul	599644	6	23.44	2584580	20.0