

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019401.D
 Acq On : 24 Mar 2019 20:37
 Operator : JU/SJ
 Sample : K2031-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S3

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	34	rVB	37071	47027	1.76%	0.163%
2	3.664	111	115	116	rBV4	5090	6191	0.23%	0.022%
3	3.716	123	124	126	rBV	3043	3031	0.11%	0.011%
4	3.746	126	129	134	rVB2	10615	17141	0.64%	0.060%
5	3.852	144	147	150	rVB3	4011	4697	0.18%	0.016%
6	4.163	197	200	202	rBV3	2824	4130	0.15%	0.014%
7	4.193	202	205	209	rBV3	6819	11761	0.44%	0.041%
8	4.487	252	255	260	rVB4	2358	3661	0.14%	0.013%
9	4.746	296	299	304	rBV	14712	23222	0.87%	0.081%
10	4.793	304	307	313	rVV4	6144	10555	0.39%	0.037%
11	6.787	640	646	666	rBV	305111	626442	23.40%	2.177%
12	6.957	668	675	697	rBV	269750	509320	19.03%	1.770%
13	7.140	700	706	716	rBV	381801	638543	23.85%	2.219%
14	7.604	778	785	795	rBV	457577	741804	27.71%	2.578%
15	8.316	901	906	925	rBV	373115	724059	27.05%	2.516%
16	8.457	925	930	934	rVB3	6175	10135	0.38%	0.035%
17	8.775	978	984	998	rBV	319349	582524	21.76%	2.024%
18	8.910	1006	1007	1011	rVB3	3237	3000	0.11%	0.010%
19	9.104	1035	1040	1044	rBV3	7344	11790	0.44%	0.041%
20	9.493	1099	1106	1119	rBV	252922	464730	17.36%	1.615%
21	10.022	1190	1196	1221	rBV	348981	729321	27.25%	2.535%
22	10.387	1251	1258	1270	rBV	649286	1086948	40.61%	3.777%
23	10.551	1279	1286	1310	rBV	261158	674650	25.20%	2.345%
24	12.004	1530	1533	1536	rBV3	2955	4352	0.16%	0.015%
25	13.222	1738	1740	1745	rBV4	3443	4465	0.17%	0.016%
26	13.686	1812	1819	1824	rVV	766385	1183249	44.20%	4.112%
27	13.733	1824	1827	1838	rVV	166325	245243	9.16%	0.852%
28	13.957	1857	1865	1879	rBV	943197	1394564	52.10%	4.846%
29	14.263	1911	1917	1931	rVB2	972068	1482481	55.38%	5.152%
30	14.516	1954	1960	1982	rBV2	90623	318973	11.92%	1.109%
31	14.692	1986	1990	1996	rVB3	14640	22308	0.83%	0.078%
32	15.039	2043	2049	2057	rBV4	5158	15308	0.57%	0.053%
33	15.110	2057	2061	2065	rVB3	7149	10011	0.37%	0.035%
34	15.263	2081	2087	2100	rBV	1275360	1853791	69.25%	6.442%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019401.D
 Acq On : 24 Mar 2019 20:37
 Operator : JU/SJ
 Sample : K2031-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S3

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	15.404	2106	2111	2124	rBV	232704	389314	14.54%	1.353%
36	15.510	2124	2129	2134	rVB5	15643	23407	0.87%	0.081%
37	15.969	2205	2207	2216	rVV5	5947	14734	0.55%	0.051%
38	16.057	2216	2222	2227	rVB5	4234	8435	0.32%	0.029%
39	16.216	2246	2249	2254	rBV4	3128	4240	0.16%	0.015%
40	16.439	2284	2287	2292	rBV5	4842	8461	0.32%	0.029%
41	16.769	2339	2343	2345	rBV2	5745	6745	0.25%	0.023%
42	16.816	2347	2351	2357	rVB3	6802	12264	0.46%	0.043%
43	16.933	2368	2371	2374	rVB4	3904	4103	0.15%	0.014%
44	17.021	2380	2386	2397	rBV	1294055	1779122	66.46%	6.183%
45	17.121	2397	2403	2419	rVV	1334871	1935633	72.31%	6.727%
46	17.504	2465	2468	2472	rBV5	3770	4877	0.18%	0.017%
47	17.598	2481	2484	2485	rBV3	2456	2990	0.11%	0.010%
48	17.916	2532	2538	2549	rBV	107211	204963	7.66%	0.712%
49	18.198	2583	2586	2589	rVV3	5394	7384	0.28%	0.026%
50	18.245	2592	2594	2597	rVB3	3721	3693	0.14%	0.013%
51	18.351	2608	2612	2614	rVB4	3517	4660	0.17%	0.016%
52	18.380	2614	2617	2618	rBV3	2858	3192	0.12%	0.011%
53	18.839	2691	2695	2698	rVB5	4925	7392	0.28%	0.026%
54	18.880	2698	2702	2705	rBV4	2847	4505	0.17%	0.016%
55	19.063	2730	2733	2736	rBV3	18303	28738	1.07%	0.100%
56	19.092	2736	2738	2742	rVB	21284	26855	1.00%	0.093%
57	19.204	2753	2757	2764	rBV2	56089	89696	3.35%	0.312%
58	19.315	2774	2776	2780	rVB2	10887	10925	0.41%	0.038%
59	19.427	2789	2795	2805	rBV	1723545	2299175	85.89%	7.990%
60	19.962	2880	2886	2892	rBV10	14066	34144	1.28%	0.119%
61	20.462	2968	2971	2975	rBV5	19547	28789	1.08%	0.100%
62	20.933	3047	3051	3062	rBV2	130472	265609	9.92%	0.923%
63	21.227	3096	3101	3110	rBV	1690339	2223879	83.08%	7.729%
64	21.362	3121	3124	3131	rBV2	67692	84072	3.14%	0.292%
65	21.792	3194	3197	3200	rBV	96968	98876	3.69%	0.344%
66	22.245	3270	3274	3279	rBV	156598	189575	7.08%	0.659%
67	22.739	3355	3358	3363	rVB	166581	220348	8.23%	0.766%
68	23.298	3447	3453	3464	rBV2	1522963	2676844	100.00%	9.303%
69	23.439	3471	3477	3488	rBV2	1223592	2335084	87.23%	8.115%
70	23.927	3556	3560	3567	rVB	146645	262686	9.81%	0.913%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

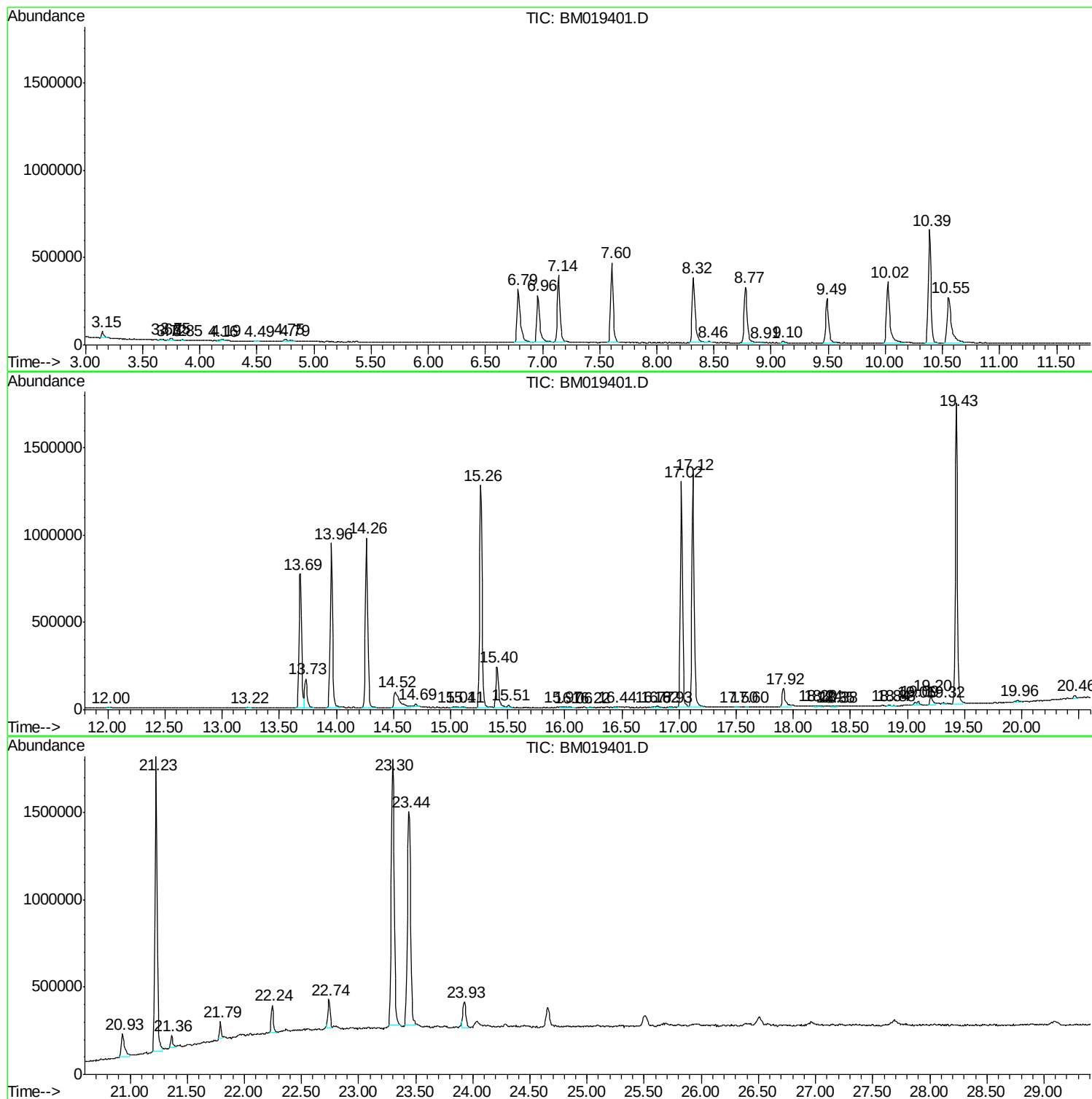
Sum of corrected areas: 28774836

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S3

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\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

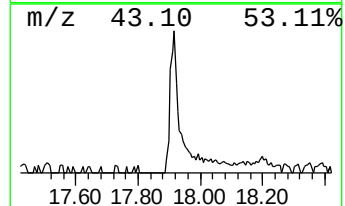
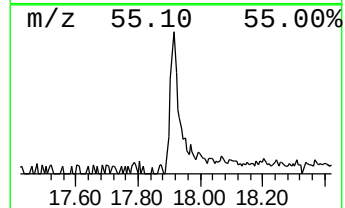
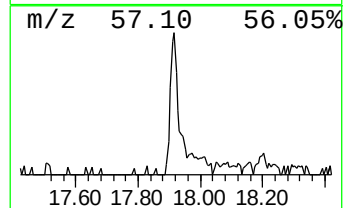
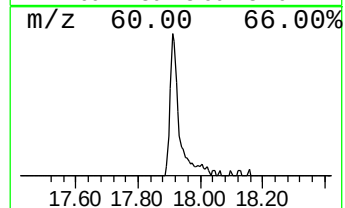
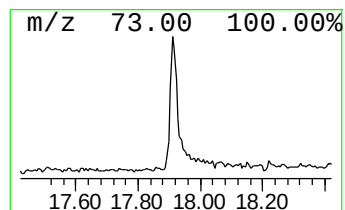
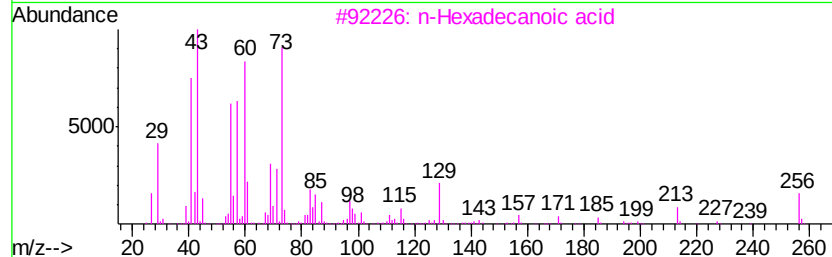
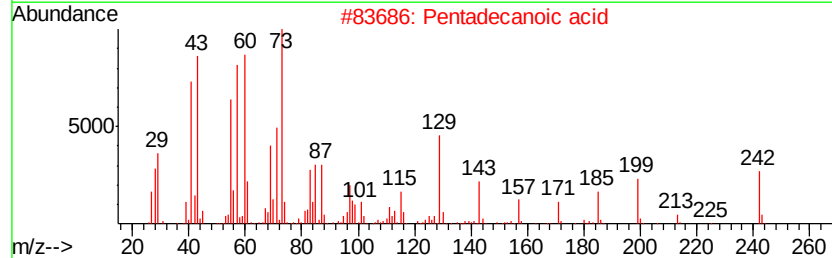
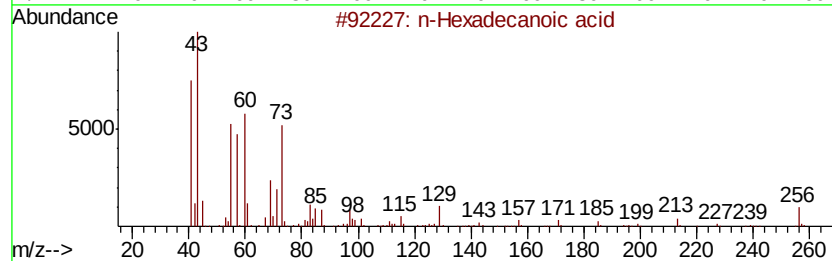
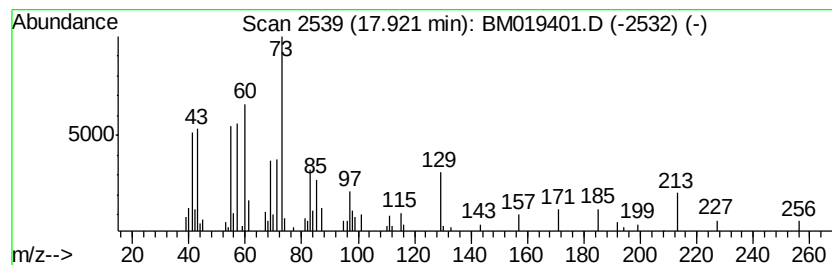
Instrument :
BNA_M
ClientSampleId :
BF5S3

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.	
17.92	2.30 ng/ul	204963	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4	tert-Hexadecanethiol	258	C16H34S	025360-09-2	18
5	Tridecane	184	C13H28	000629-50-5	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S3

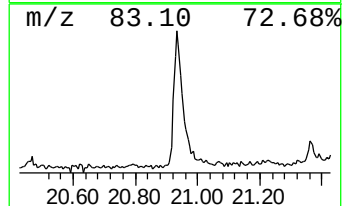
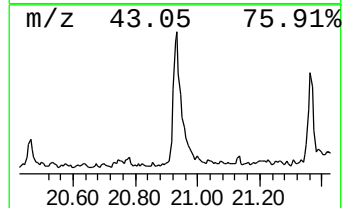
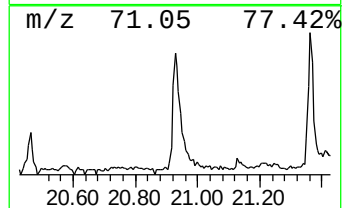
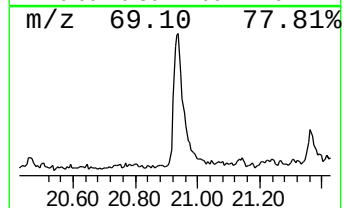
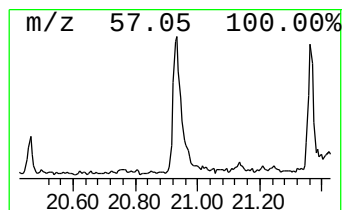
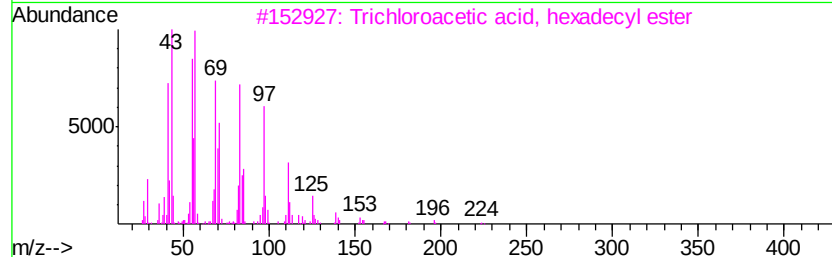
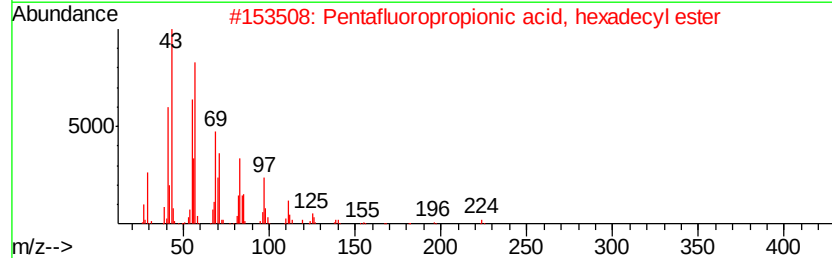
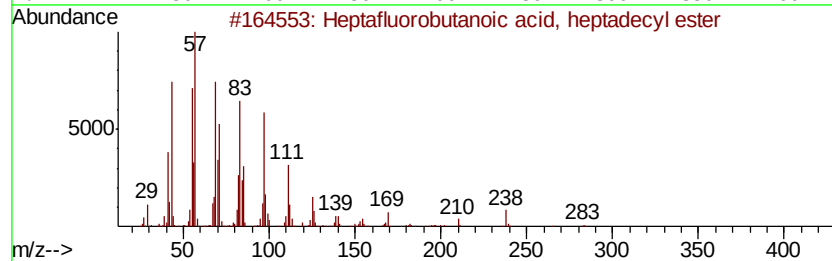
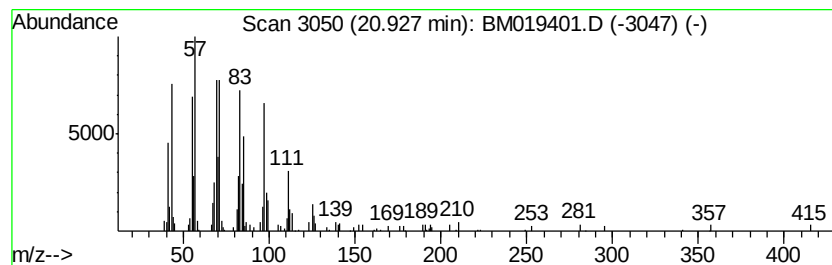
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Heptafluorobutanoic acid, h... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.39 ng/ul	265609	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	94
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4		Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
5		11-Tricosene	322	C23H46	052078-56-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S3

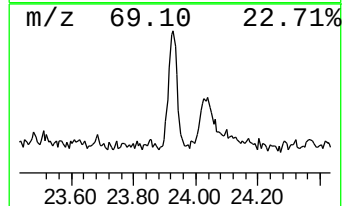
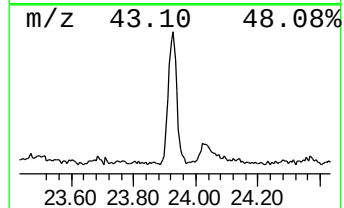
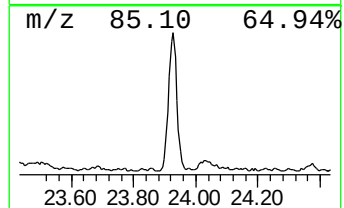
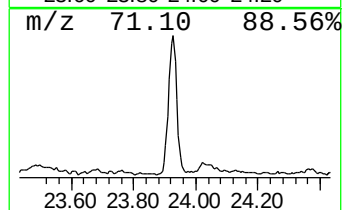
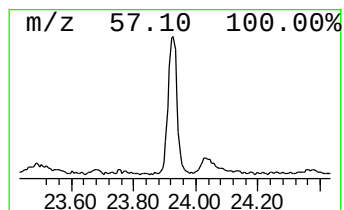
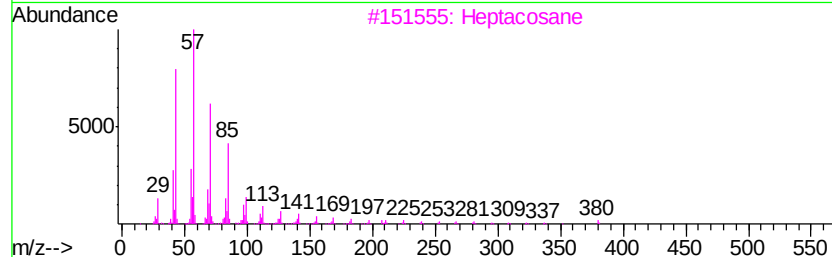
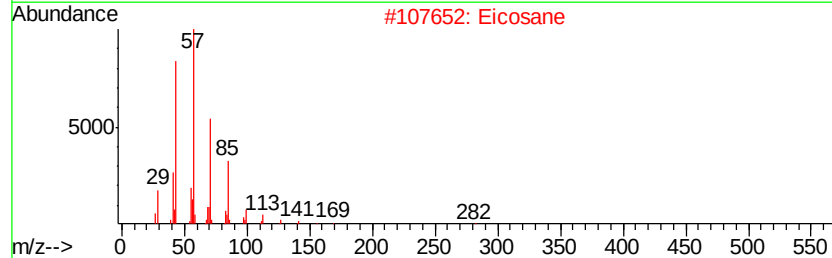
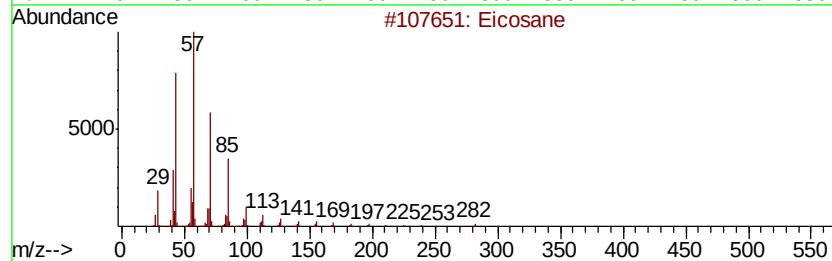
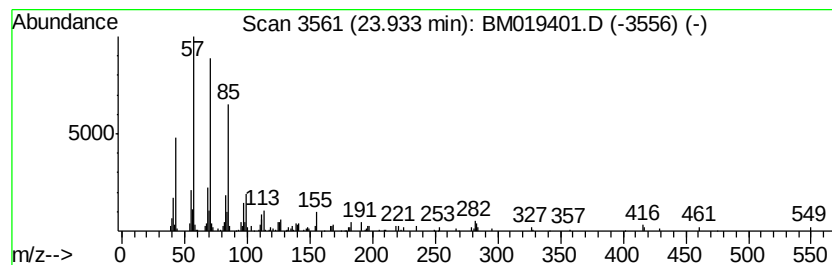
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.25 ng/ul	262686	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	93
3		Heptacosane	380	C27H56	000593-49-7	91
4		Hexatriacontane	507	C36H74	000630-06-8	91
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019401.D
Acq On : 24 Mar 2019 20:37
Operator : JU/SJ
Sample : K2031-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S3

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	17.92	2.3	ng/ul	204963	4	17.02	1779120	20.0
Heptafluorobutano...	20.93	2.4	ng/ul	265609	5	21.23	2223880	20.0
(DEL) Alkane: Str...	23.93	2.3	ng/ul	262686	6	23.44	2335080	20.0