

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019867.D
 Acq On : 10 Apr 2019 17:13
 Operator : JU/SJ
 Sample : K2303-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF884

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	3.116	19	22	29	rBV	33014	49616	1.95%	0.188%
2	3.622	105	108	113	rVB3	8564	10780	0.42%	0.041%
3	3.681	117	118	120	rBV2	3032	2936	0.12%	0.011%
4	4.704	288	292	294	rBV4	3259	4842	0.19%	0.018%
5	6.746	633	639	654	rBV	203905	468454	18.41%	1.771%
6	6.910	661	667	685	rBV	199096	389670	15.32%	1.473%
7	7.087	691	697	713	rVB	296017	517671	20.35%	1.957%
8	7.281	728	730	736	rVB5	2267	3573	0.14%	0.014%
9	7.551	769	776	790	rBV	704176	1163654	45.74%	4.400%
10	8.281	894	900	915	rBV	210130	451588	17.75%	1.707%
11	8.728	968	976	994	rBV	248633	479436	18.84%	1.813%
12	9.034	1023	1028	1035	rBV	16928	24708	0.97%	0.093%
13	9.439	1091	1097	1113	rBV	204979	390419	15.35%	1.476%
14	9.981	1181	1189	1213	rBV	204241	542063	21.31%	2.049%
15	10.328	1239	1248	1258	rBV	997987	1662830	65.36%	6.287%
16	10.510	1273	1279	1299	rBV	170205	465639	18.30%	1.761%
17	11.963	1521	1526	1533	rVB2	3062	5575	0.22%	0.021%
18	13.004	1700	1703	1709	rVB2	5314	6669	0.26%	0.025%
19	13.086	1713	1717	1726	rVB4	7506	12487	0.49%	0.047%
20	13.639	1805	1811	1816	rBV	551894	846355	33.27%	3.200%
21	13.686	1816	1819	1827	rVB	113793	178249	7.01%	0.674%
22	13.904	1850	1856	1874	rBV	626275	982822	38.63%	3.716%
23	14.092	1882	1888	1893	rVB2	7890	12520	0.49%	0.047%
24	14.216	1902	1909	1919	rBV2	1396391	2062360	81.06%	7.797%
25	14.286	1919	1921	1926	rVB3	3269	4822	0.19%	0.018%
26	14.521	1955	1961	1970	rBV4	46655	159519	6.27%	0.603%
27	14.651	1979	1983	1992	rVV2	38561	67316	2.65%	0.255%
28	14.716	1992	1994	2003	rVB6	9072	12846	0.50%	0.049%
29	14.786	2004	2006	2010	rVB3	3548	3599	0.14%	0.014%
30	14.986	2036	2040	2047	rVB4	6319	11501	0.45%	0.043%
31	15.051	2047	2051	2057	rBV2	11872	17596	0.69%	0.067%
32	15.216	2074	2079	2099	rBV	796612	1243165	48.86%	4.700%
33	15.386	2103	2108	2117	rVV	123128	218920	8.60%	0.828%
34	15.457	2117	2120	2126	rVB4	20381	28955	1.14%	0.109%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
 Data File : BM019867.D
 Acq On : 10 Apr 2019 17:13
 Operator : JU/SJ
 Sample : K2303-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF884

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	15.539	2133	2134	2140	rBV5	2064	2980	0.12%	0.011%
36	15.604	2140	2145	2151	rVV6	3244	6059	0.24%	0.023%
37	15.674	2154	2157	2161	rVB4	2619	2965	0.12%	0.011%
38	15.774	2169	2174	2175	rBV3	3161	3957	0.16%	0.015%
39	15.933	2193	2201	2206	rBV4	17289	40619	1.60%	0.154%
40	15.998	2211	2212	2217	rVV4	4341	5815	0.23%	0.022%
41	16.174	2240	2242	2246	rVB4	4222	4336	0.17%	0.016%
42	16.233	2249	2252	2254	rBV4	1930	2566	0.10%	0.010%
43	16.315	2265	2266	2271	rVB4	3036	3582	0.14%	0.014%
44	16.386	2273	2278	2282	rBV3	11664	19120	0.75%	0.072%
45	16.492	2294	2296	2298	rBV2	3236	2830	0.11%	0.011%
46	16.521	2298	2301	2307	rVB4	17365	27530	1.08%	0.104%
47	16.586	2307	2312	2314	rBV6	2829	3872	0.15%	0.015%
48	16.710	2330	2333	2338	rBV4	14366	19594	0.77%	0.074%
49	16.762	2338	2342	2350	rVB4	16898	28276	1.11%	0.107%
50	16.898	2359	2365	2367	rVB3	5035	8319	0.33%	0.031%
51	16.980	2372	2379	2389	rBV	1506887	2208482	86.80%	8.350%
52	17.074	2389	2395	2407	rVV2	761638	1169940	45.98%	4.423%
53	17.180	2411	2413	2417	rVB5	3538	4997	0.20%	0.019%
54	17.251	2423	2425	2430	rVB5	4631	5599	0.22%	0.021%
55	17.362	2440	2444	2448	rBV5	9774	16061	0.63%	0.061%
56	17.451	2456	2459	2463	rVB3	15961	19492	0.77%	0.074%
57	17.480	2463	2464	2467	rBV2	2399	2931	0.12%	0.011%
58	17.533	2469	2473	2475	rVV4	3235	3663	0.14%	0.014%
59	17.580	2479	2481	2485	rVV5	7376	8575	0.34%	0.032%
60	17.615	2485	2487	2489	rVV3	2621	2661	0.10%	0.010%
61	17.639	2489	2491	2493	rVB3	3295	2579	0.10%	0.010%
62	17.868	2525	2530	2541	rBV	194203	335533	13.19%	1.269%
63	18.145	2574	2577	2581	rVB2	15264	19179	0.75%	0.073%
64	18.245	2591	2594	2595	rBV3	4436	4610	0.18%	0.017%
65	18.739	2674	2678	2683	rBV6	12347	19635	0.77%	0.074%
66	18.792	2684	2687	2690	rVB2	19697	20916	0.82%	0.079%
67	18.951	2712	2714	2716	rBV3	5692	5858	0.23%	0.022%
68	19.027	2723	2727	2729	rBV4	10580	17478	0.69%	0.066%
69	19.162	2745	2750	2763	rBV2	106617	209867	8.25%	0.793%
70	19.386	2783	2788	2797	rBV	882933	1294997	50.90%	4.896%
71	19.621	2826	2828	2834	rBV5	10522	16799	0.66%	0.064%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

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	19.721	2842	2845	2848	rBV	46278	49308	1.94%	0.186%
73	19.762	2848	2852	2856	rVB	74840	85157	3.35%	0.322%
74	19.915	2876	2878	2881	rVB3	24988	21877	0.86%	0.083%
75	20.703	3009	3012	3014	rBV2	39769	41050	1.61%	0.155%
76	20.733	3014	3017	3021	rVV	76065	76394	3.00%	0.289%
77	20.892	3040	3044	3051	rVB2	126329	183956	7.23%	0.696%
78	21.192	3090	3095	3106	rBV	1872323	2385884	93.78%	9.021%
79	21.321	3114	3117	3120	rBV2	61872	64776	2.55%	0.245%
80	21.745	3186	3189	3192	rBV	104882	111285	4.37%	0.421%
81	22.192	3262	3265	3273	rVB	174317	242079	9.51%	0.915%
82	22.686	3345	3349	3354	rVB	228609	325353	12.79%	1.230%
83	23.250	3437	3445	3458	rVB3	790700	1815111	71.34%	6.863%
84	23.391	3463	3469	3478	rVB	1356736	2544227	100.00%	9.619%
85	23.850	3543	3547	3557	rVB2	238335	427244	16.79%	1.615%

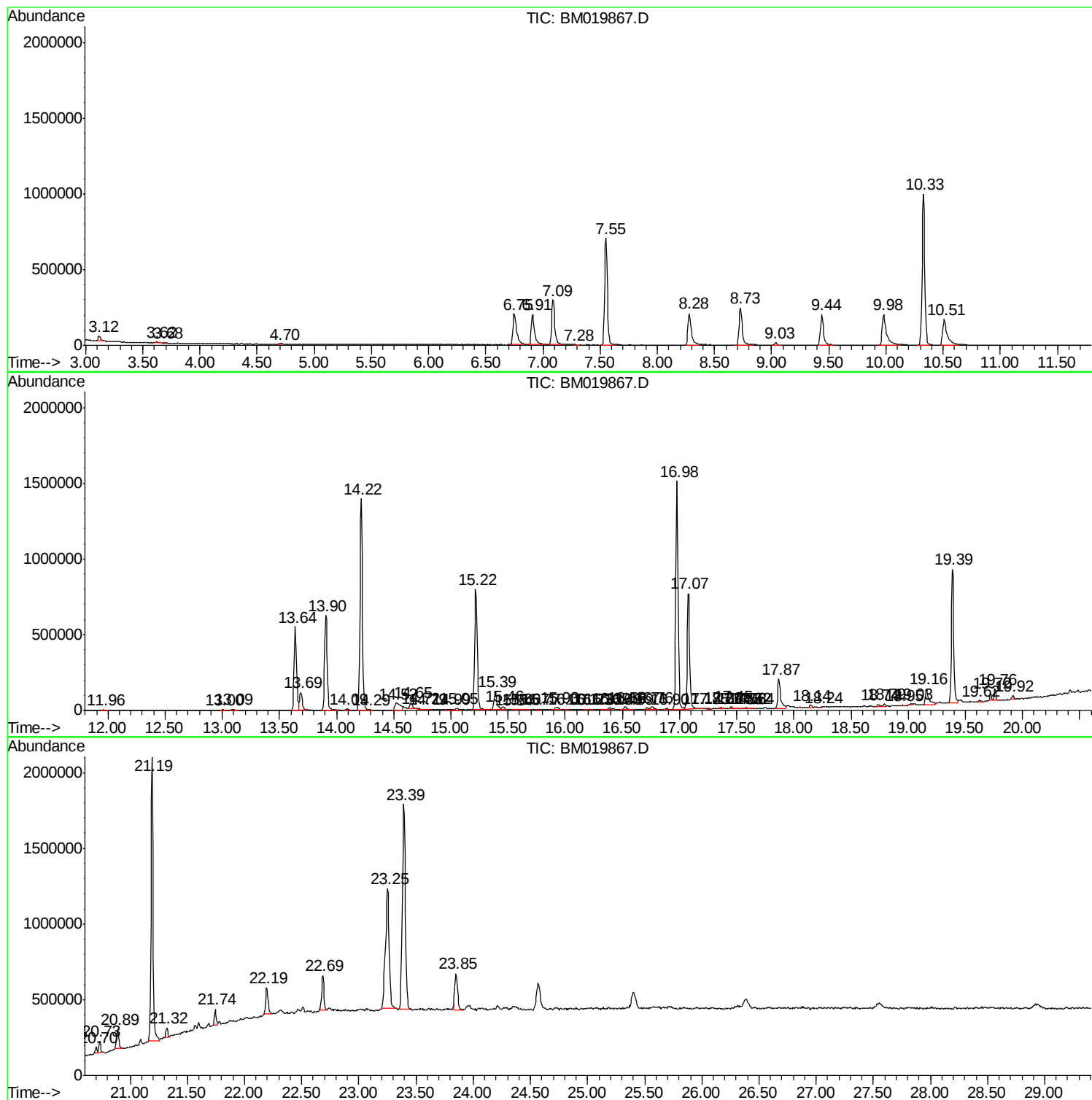
Sum of corrected areas: 26449128

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BF884

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\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

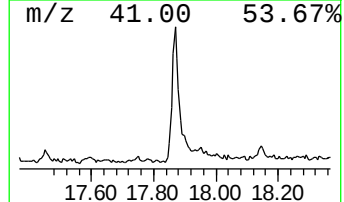
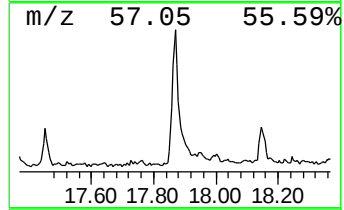
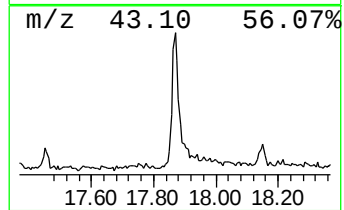
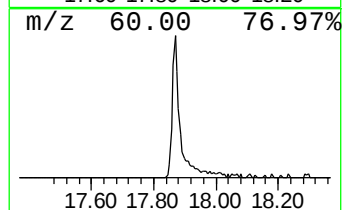
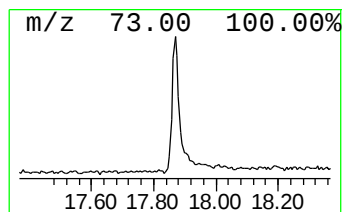
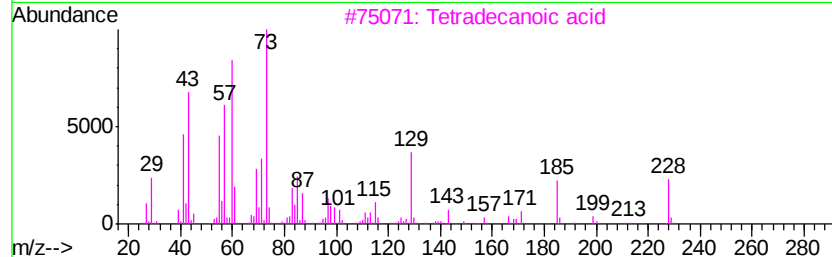
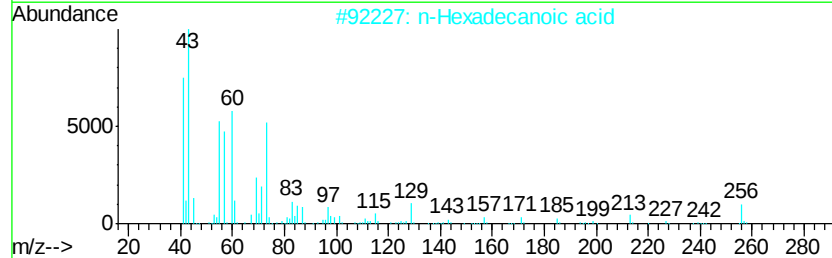
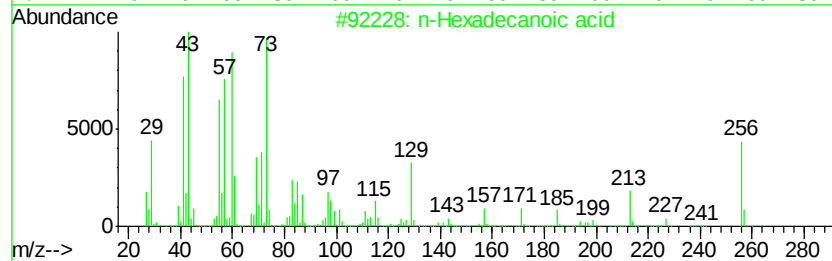
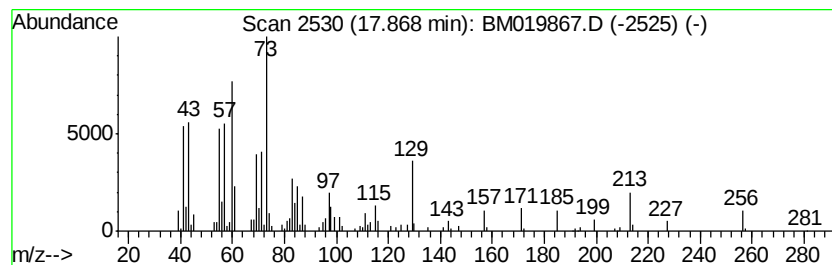
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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	3.04 ng/ul	335533	Phenanthrene-d10	16.97

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	93	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72	
4	3,7-Dimethyl-8-oxo-1,5-dioxa-spi...	256	C13H20O5	1000193-79-8	15	
5	Tetradecane	198	C14H30	000629-59-4	11	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

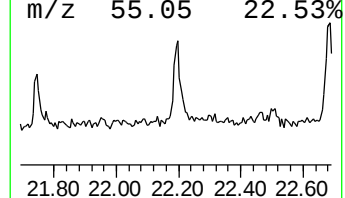
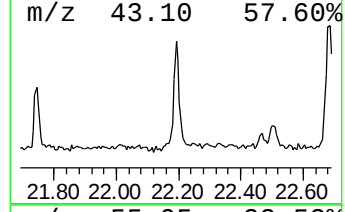
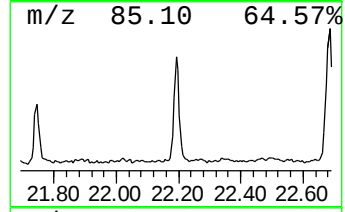
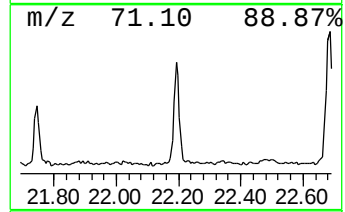
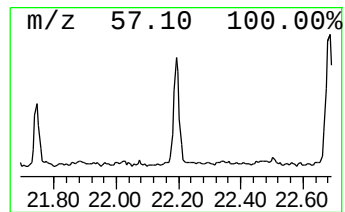
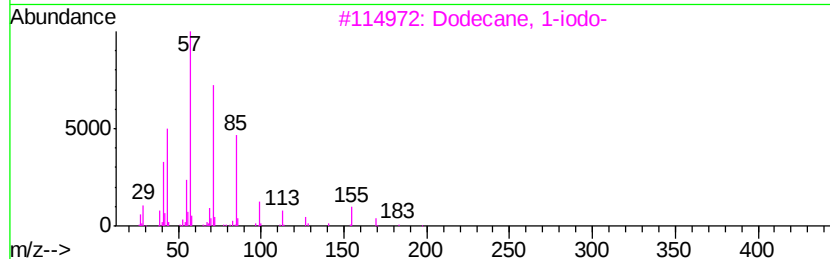
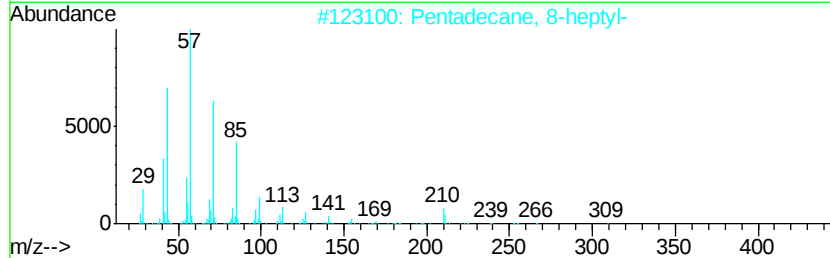
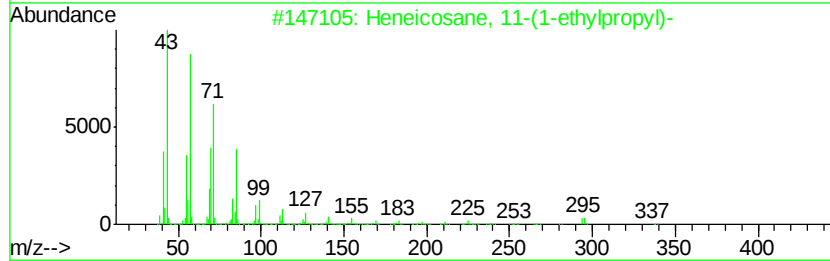
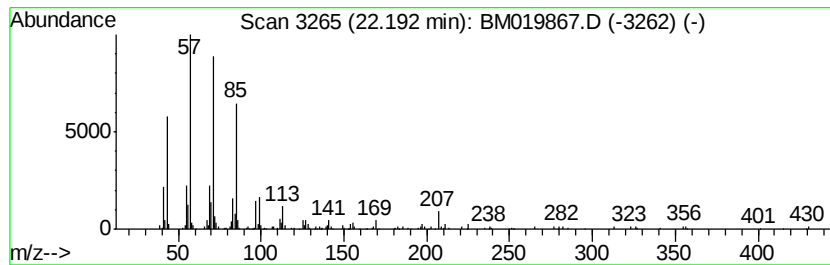
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.03 ng/ul	242079	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Eicosane	282	C20H42	000112-95-8	74
5		Octacosane	394	C28H58	000630-02-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

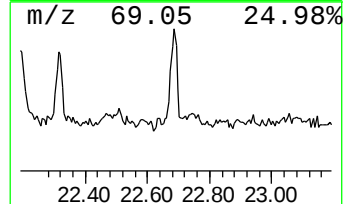
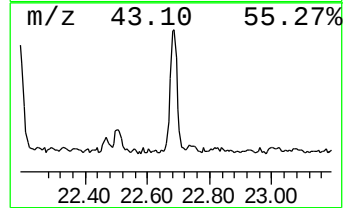
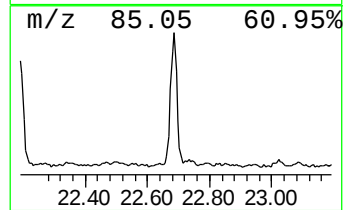
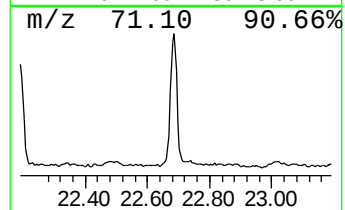
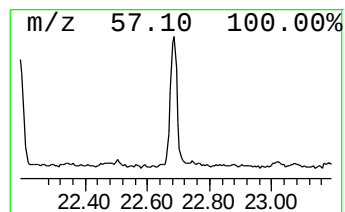
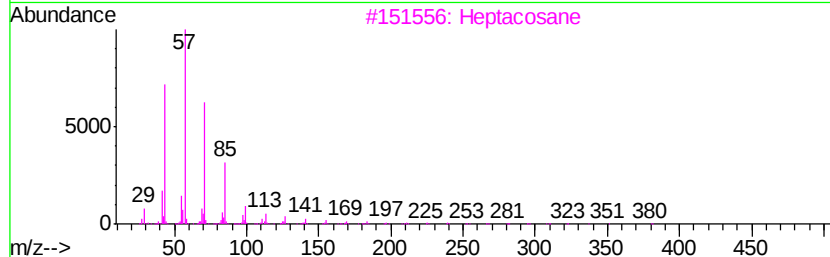
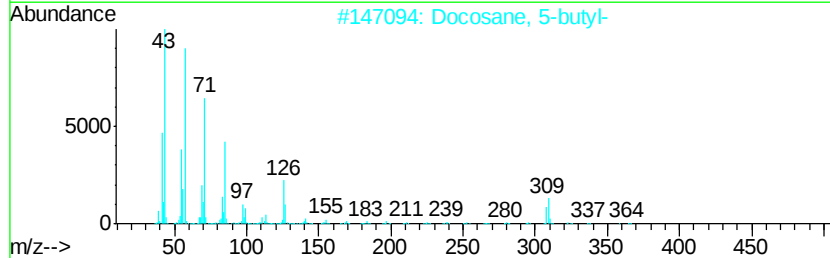
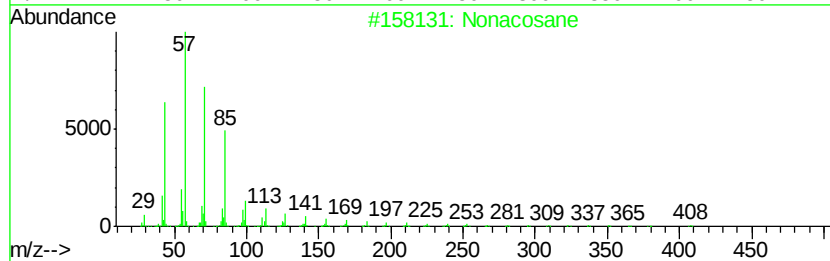
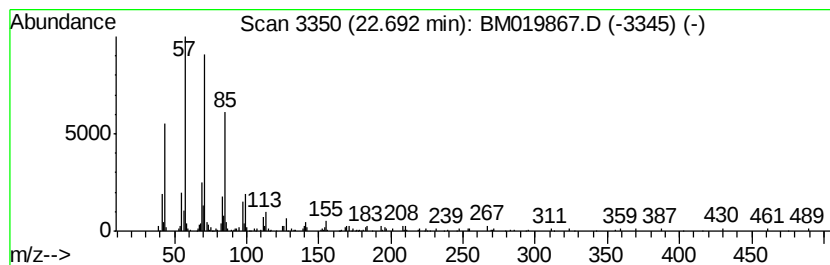
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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.
22.69	2.56 ng/ul	325353	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	90
2		Docosane, 5-butyl-	366	C26H54	055282-16-1	86
3		Heptacosane	380	C27H56	000593-49-7	83
4		Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	80
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

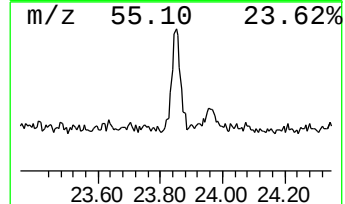
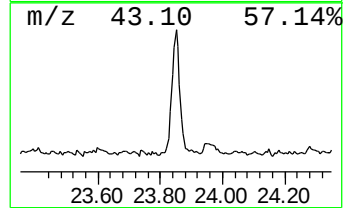
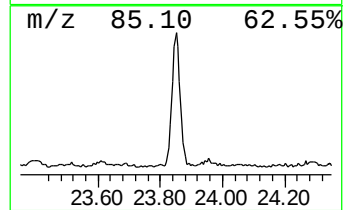
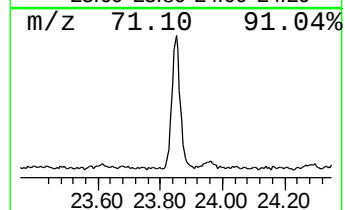
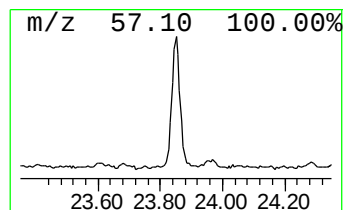
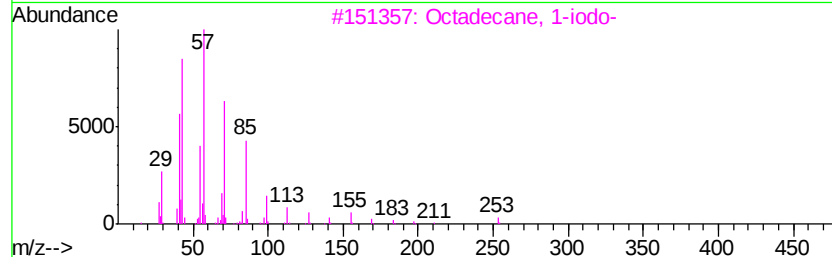
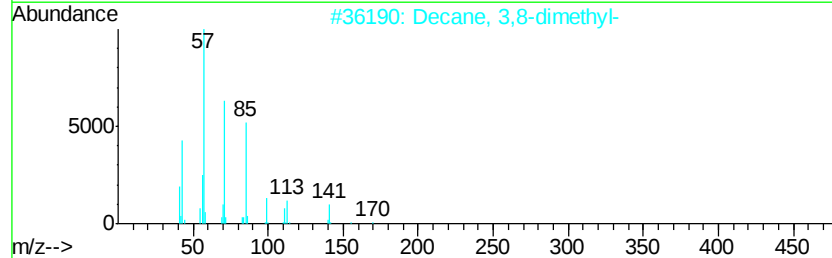
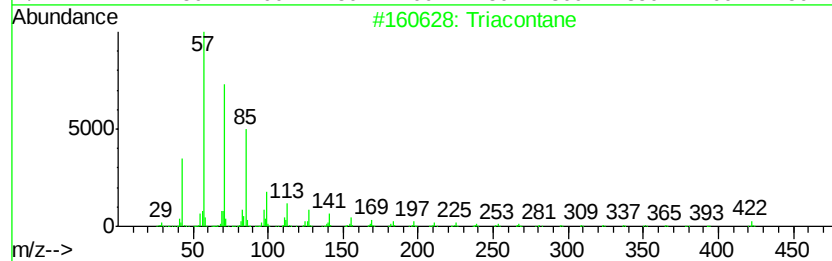
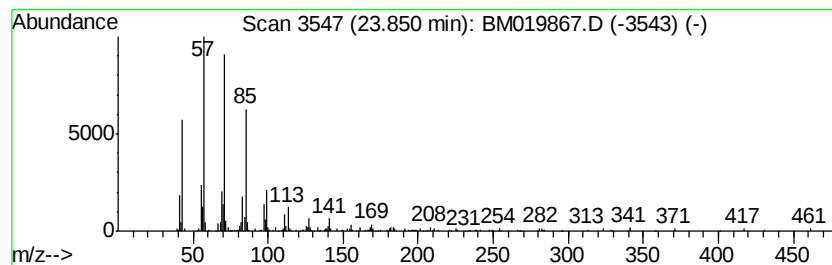
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	3.36 ng/ul	427244	Perylene-d12	23.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	90
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041019\
Data File : BM019867.D
Acq On : 10 Apr 2019 17:13
Operator : JU/SJ
Sample : K2303-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF884

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	3.0	ng/ul	335533	4	16.97	2208480	20.0
(DEL) Alkane: Str...	22.19	2.0	ng/ul	242079	5	21.19	2385880	20.0
(DEL) Alkane: Str...	22.69	2.6	ng/ul	325353	6	23.39	2544230	20.0
(DEL) Alkane: Str...	23.85	3.4	ng/ul	427244	6	23.39	2544230	20.0