

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019405.D
 Acq On : 24 Mar 2019 23:01
 Operator : JU/SJ
 Sample : K2031-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S7

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	25	27	35	rBV	31477	38855	1.55%	0.140%
2	3.746	126	129	134	rVB3	11113	17144	0.68%	0.062%
3	3.846	143	146	152	rBV4	7113	11026	0.44%	0.040%
4	4.746	294	299	304	rBV	17455	24883	0.99%	0.090%
5	4.840	313	315	319	rVB4	2356	2580	0.10%	0.009%
6	5.475	421	423	427	rVB3	1835	2547	0.10%	0.009%
7	6.787	640	646	666	rBV	236737	517145	20.58%	1.865%
8	6.957	670	675	690	rBV	211242	393873	15.67%	1.421%
9	7.140	700	706	719	rBV	300954	509304	20.27%	1.837%
10	7.469	757	762	765	rBV3	2571	3613	0.14%	0.013%
11	7.604	779	785	796	rBV	475814	803669	31.98%	2.899%
12	7.928	837	840	844	rBV3	2133	3326	0.13%	0.012%
13	8.045	857	860	864	rBV3	1385	2543	0.10%	0.009%
14	8.322	900	907	923	rBV	304870	615968	24.51%	2.222%
15	8.451	925	929	934	rVB2	9496	16087	0.64%	0.058%
16	8.775	978	984	1003	rBV	243737	462615	18.41%	1.669%
17	9.104	1034	1040	1047	rVB3	7676	14276	0.57%	0.051%
18	9.492	1099	1106	1116	rBV	196827	363216	14.45%	1.310%
19	10.022	1190	1196	1212	rBV	278590	580633	23.11%	2.094%
20	10.386	1251	1258	1272	rBV	721328	1183939	47.12%	4.271%
21	10.557	1280	1287	1304	rBV	211719	542394	21.59%	1.957%
22	11.157	1385	1389	1393	rVB2	1667	2859	0.11%	0.010%
23	11.510	1445	1449	1454	rBV2	1608	3039	0.12%	0.011%
24	12.004	1528	1533	1534	rVV3	3636	3882	0.15%	0.014%
25	12.022	1534	1536	1543	rVB4	3432	5273	0.21%	0.019%
26	12.569	1625	1629	1631	rBV3	2994	4719	0.19%	0.017%
27	12.851	1673	1677	1681	rVB2	2203	2876	0.11%	0.010%
28	13.151	1724	1728	1730	rBV2	2863	2929	0.12%	0.011%
29	13.627	1806	1809	1813	rBV3	1685	2812	0.11%	0.010%
30	13.680	1813	1818	1823	rVV	646485	972478	38.70%	3.508%
31	13.733	1823	1827	1836	rVB	139882	221401	8.81%	0.799%
32	13.957	1857	1865	1879	rBV	740893	1116114	44.42%	4.026%
33	14.263	1911	1917	1926	rBV2	1091069	1623976	64.63%	5.858%
34	14.327	1926	1928	1932	rVB4	6053	7649	0.30%	0.028%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019405.D
 Acq On : 24 Mar 2019 23:01
 Operator : JU/SJ
 Sample : K2031-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S7

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	14.515	1955	1960	1978	rBV2	66672	236172	9.40%	0.852%
36	14.692	1985	1990	1999	rBV	81970	139337	5.55%	0.503%
37	15.027	2042	2047	2049	rBV2	7257	9802	0.39%	0.035%
38	15.098	2056	2059	2065	rBV	34539	45500	1.81%	0.164%
39	15.262	2081	2087	2106	rBV	1004391	1514208	60.26%	5.462%
40	15.410	2106	2112	2125	rVV	172094	301022	11.98%	1.086%
41	15.510	2125	2129	2134	rVV5	11278	19449	0.77%	0.070%
42	15.668	2155	2156	2160	rVB3	2590	3120	0.12%	0.011%
43	15.974	2205	2208	2212	rBV4	3754	6180	0.25%	0.022%
44	16.057	2218	2222	2224	rVB2	3455	3424	0.14%	0.012%
45	16.157	2237	2239	2243	rBV4	5059	7111	0.28%	0.026%
46	16.321	2262	2267	2272	rVB4	2404	4771	0.19%	0.017%
47	16.374	2274	2276	2282	rBV6	3265	4213	0.17%	0.015%
48	16.433	2282	2286	2291	rBV5	6842	14152	0.56%	0.051%
49	16.768	2340	2343	2345	rVV3	6188	7943	0.32%	0.029%
50	16.809	2345	2350	2356	rVB6	6664	12661	0.50%	0.046%
51	16.927	2368	2370	2374	rVB3	2745	3000	0.12%	0.011%
52	17.021	2379	2386	2391	rBV	1431173	1932804	76.92%	6.972%
53	17.062	2391	2393	2397	rVV	46043	53949	2.15%	0.195%
54	17.121	2397	2403	2418	rVV2	1078235	1625972	64.71%	5.865%
55	17.215	2418	2419	2427	rVV3	5782	8489	0.34%	0.031%
56	17.315	2432	2436	2440	rVB4	4227	6743	0.27%	0.024%
57	17.368	2441	2445	2447	rBV2	2586	3374	0.13%	0.012%
58	17.504	2466	2468	2474	rVB4	3751	6390	0.25%	0.023%
59	17.551	2474	2476	2478	rBV2	3467	2723	0.11%	0.010%
60	17.909	2532	2537	2549	rBV2	107141	208441	8.30%	0.752%
61	18.051	2560	2561	2565	rVB3	4701	3674	0.15%	0.013%
62	18.098	2565	2569	2574	rVV2	15710	28031	1.12%	0.101%
63	18.139	2574	2576	2581	rVV4	6760	8207	0.33%	0.030%
64	18.198	2584	2586	2590	rVB4	9047	10684	0.43%	0.039%
65	18.415	2620	2623	2626	rVB4	5473	5265	0.21%	0.019%
66	18.503	2636	2638	2639	rBV2	4292	4384	0.17%	0.016%
67	18.533	2641	2643	2646	rVB3	2727	2744	0.11%	0.010%
68	18.627	2658	2659	2662	rBV4	3326	3595	0.14%	0.013%
69	18.662	2662	2665	2668	rVV5	3797	5846	0.23%	0.021%
70	18.715	2671	2674	2675	rBV3	5302	4847	0.19%	0.017%
71	18.780	2683	2685	2689	rBV5	2770	3384	0.13%	0.012%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
 Data File : BM019405.D
 Acq On : 24 Mar 2019 23:01
 Operator : JU/SJ
 Sample : K2031-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5S7

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	18.821	2689	2692	2693	rVV2	5595	6410	0.26%	0.023%
73	18.839	2693	2695	2698	rVV4	9232	9969	0.40%	0.036%
74	18.886	2701	2703	2707	rVV5	4326	5168	0.21%	0.019%
75	18.921	2707	2709	2712	rVB4	3365	2736	0.11%	0.010%
76	19.056	2729	2732	2734	rBV2	15218	18394	0.73%	0.066%
77	19.092	2734	2738	2745	rVB	130358	178243	7.09%	0.643%
78	19.203	2753	2757	2766	rBV4	51678	90347	3.60%	0.326%
79	19.315	2774	2776	2778	rBV	8039	7085	0.28%	0.026%
80	19.427	2789	2795	2809	rBV	1448993	2144431	85.34%	7.735%
81	19.650	2828	2833	2836	rBV6	6178	13681	0.54%	0.049%
82	19.762	2849	2852	2855	rBV3	46006	53672	2.14%	0.194%
83	19.803	2855	2859	2864	rVB2	62872	76992	3.06%	0.278%
84	19.962	2883	2886	2891	rVB2	34950	41832	1.66%	0.151%
85	20.027	2894	2897	2899	rVV4	10049	12022	0.48%	0.043%
86	20.056	2899	2902	2906	rVB2	17154	22654	0.90%	0.082%
87	20.462	2968	2971	2976	rBV4	23254	28258	1.12%	0.102%
88	20.739	3015	3018	3021	rBV4	30547	33924	1.35%	0.122%
89	20.774	3021	3024	3028	rVV	49076	49555	1.97%	0.179%
90	20.927	3045	3050	3061	rBV4	127715	294886	11.74%	1.064%
91	21.221	3094	3100	3105	rBV	1839050	2512780	100.00%	9.064%
92	21.362	3121	3124	3134	rBV4	72215	126678	5.04%	0.457%
93	21.786	3193	3196	3201	rBV	96853	111840	4.45%	0.403%
94	22.244	3270	3274	3282	rBV	165432	209289	8.33%	0.755%
95	22.738	3354	3358	3362	rBV	169210	222887	8.87%	0.804%
96	23.297	3447	3453	3460	rBV	1304469	2312091	92.01%	8.340%
97	23.438	3471	3477	3485	rBV	1314237	2464597	98.08%	8.890%
98	23.921	3555	3559	3567	rVB2	172767	330464	13.15%	1.192%

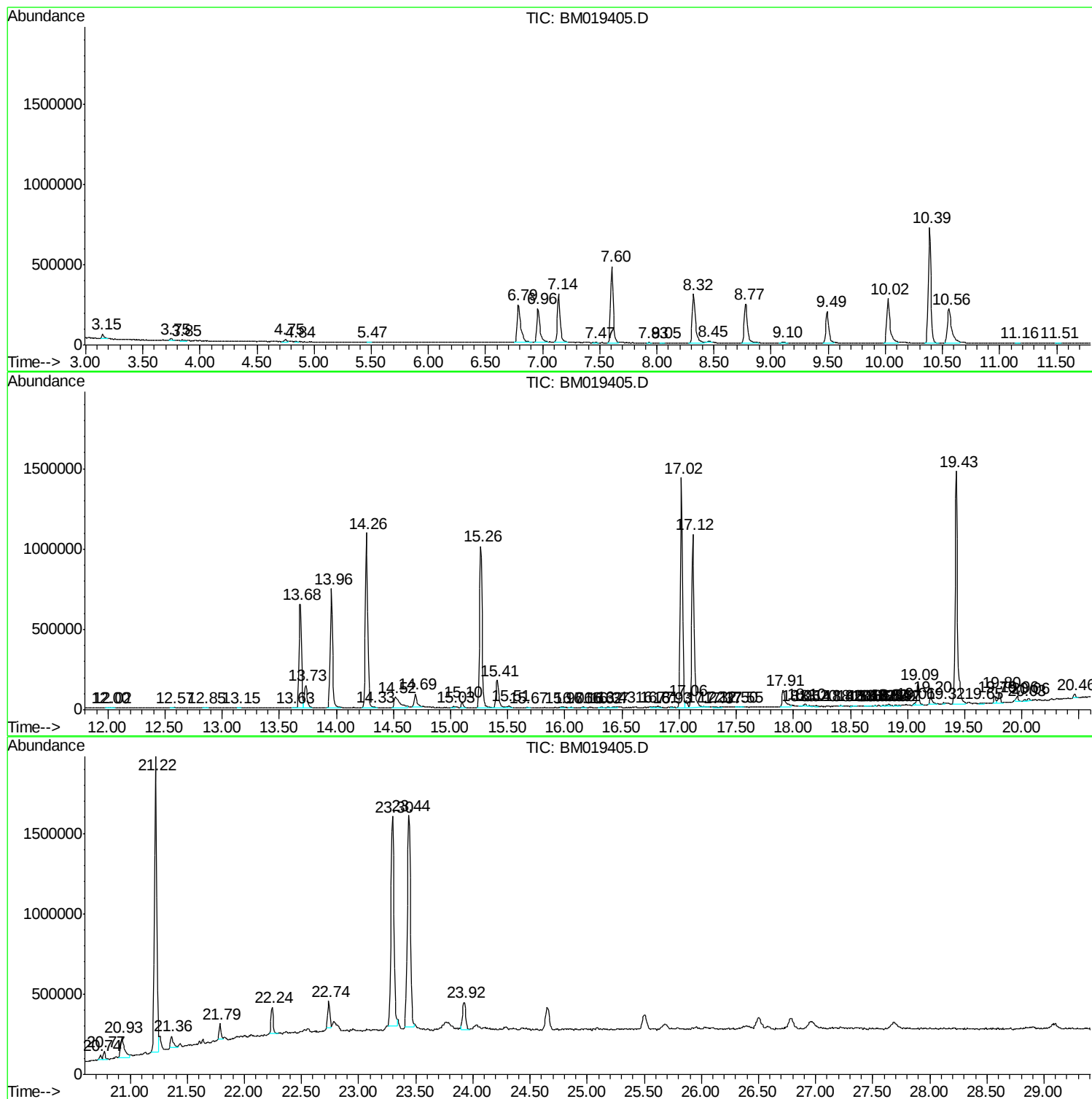
Sum of corrected areas: 27722139

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019405.D
Acq On : 24 Mar 2019 23:01
Operator : JU/SJ
Sample : K2031-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S7

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 : BM019405.D
Acq On : 24 Mar 2019 23:01
Operator : JU/SJ
Sample : K2031-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

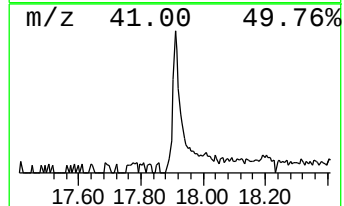
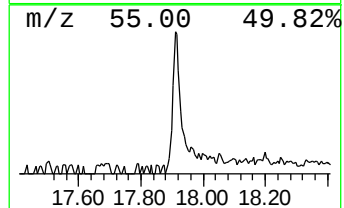
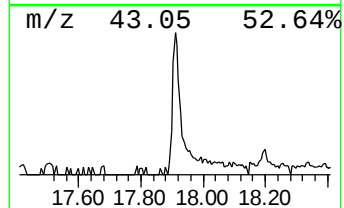
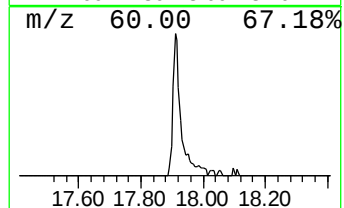
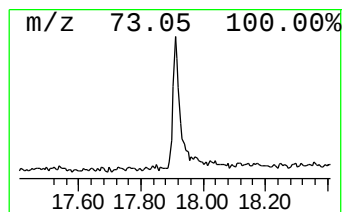
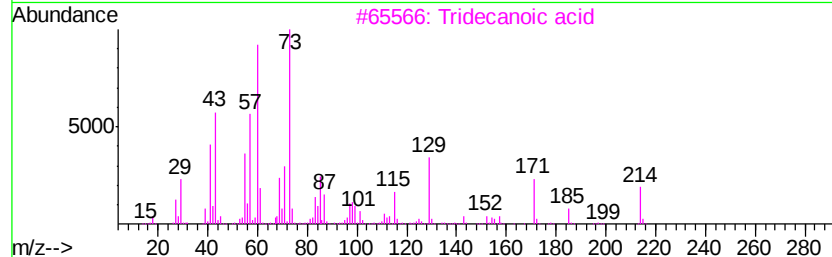
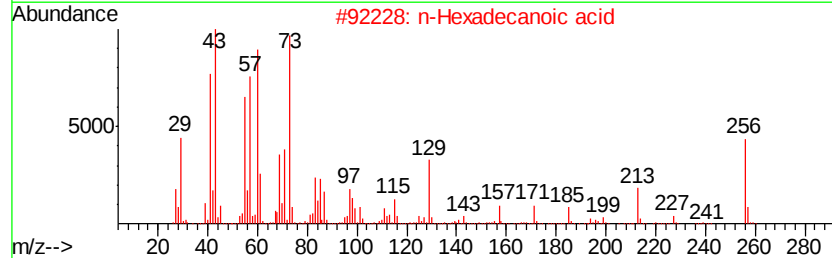
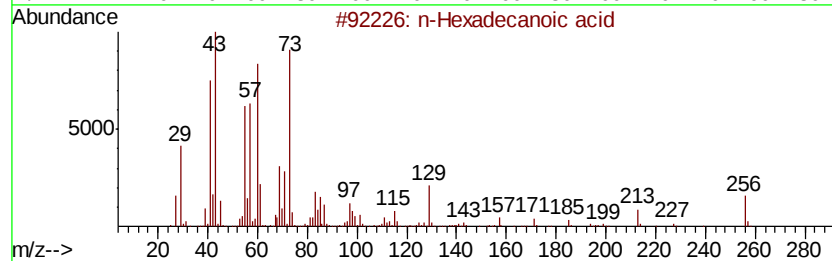
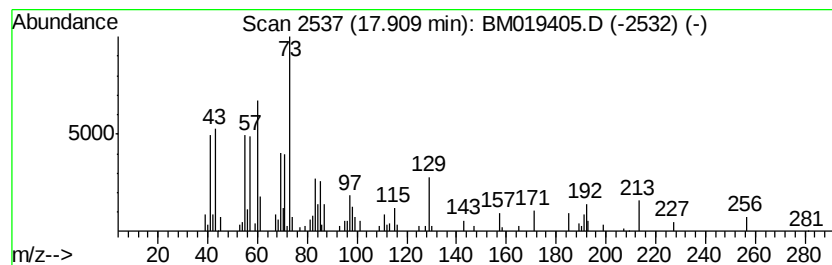
Instrument :
BNA_M
ClientSampleId :
BF5S7

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.	
17.91	2.16 ng/ul	208441	Phenanthrene-d10		17.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83
3	Tridecanoic acid		214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	52
5	n-Decanoic acid		172	C10H20O2	000334-48-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019405.D
Acq On : 24 Mar 2019 23:01
Operator : JU/SJ
Sample : K2031-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

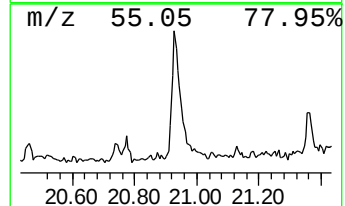
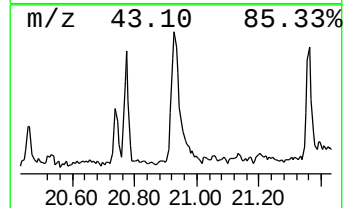
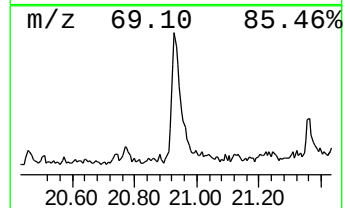
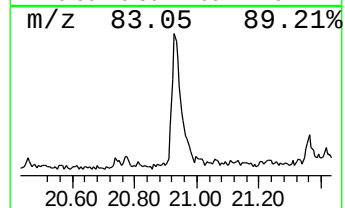
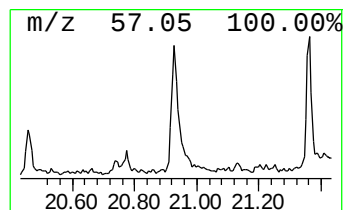
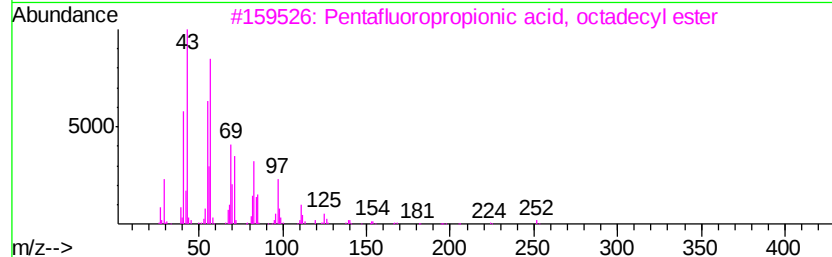
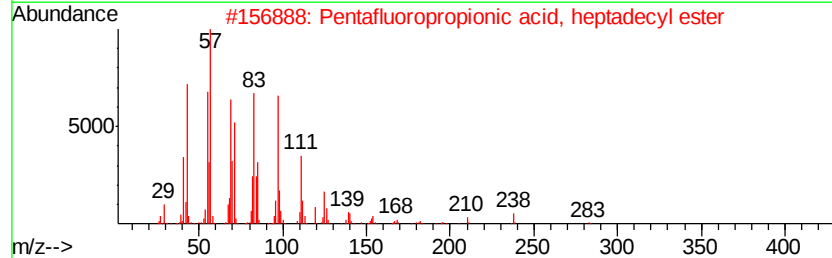
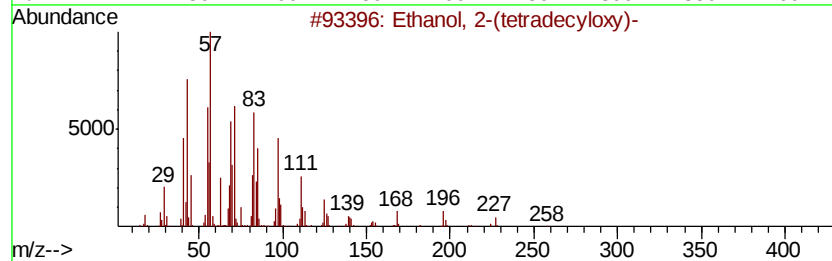
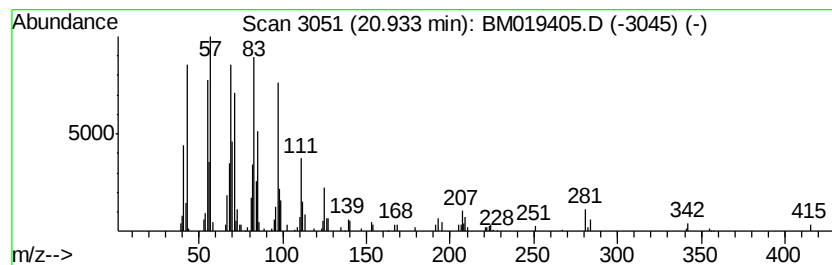
Instrument :
BNA_M
ClientSampleId :
BF5S7

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 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
20.93	2.35 ng/ul	294886	Chrysene-d12		21.22		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2			Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	81
3			Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	81
4			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	74
5			Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032419\
Data File : BM019405.D
Acq On : 24 Mar 2019 23:01
Operator : JU/SJ
Sample : K2031-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S7

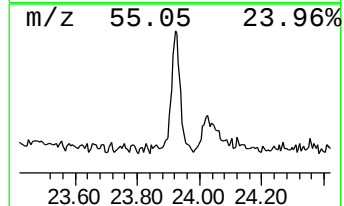
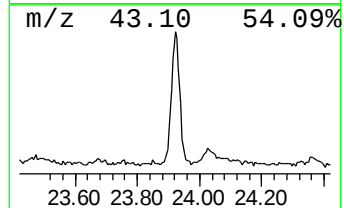
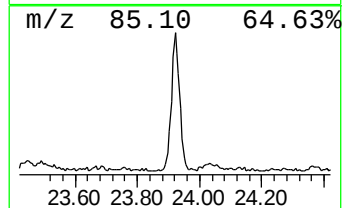
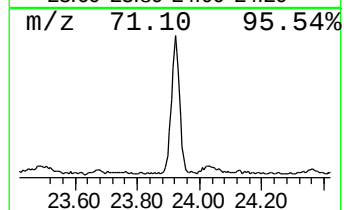
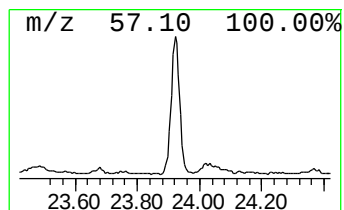
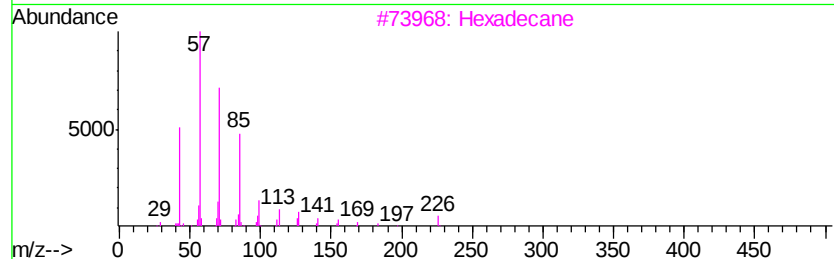
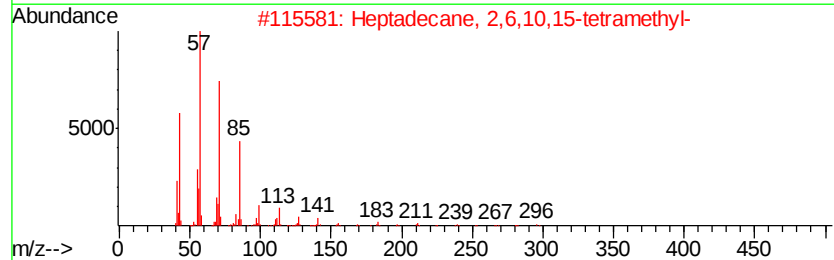
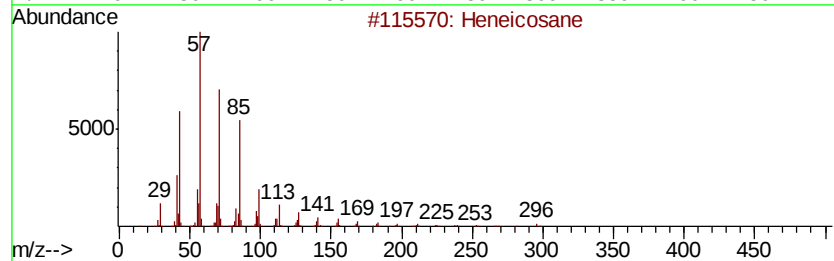
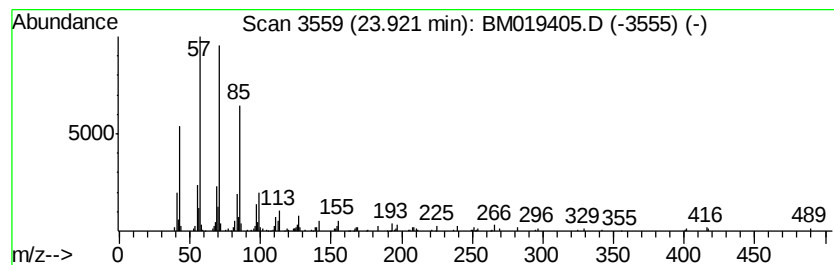
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.68 ng/ul	330464	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	97
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3		Hexadecane	226	C16H34	000544-76-3	87
4		Nonacosane	408	C29H60	000630-03-5	87
5		Tetratetracontane	619	C44H90	007098-22-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032419\
Data File : BM019405.D
Acq On : 24 Mar 2019 23:01
Operator : JU/SJ
Sample : K2031-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5S7

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	17.91	2.2	ng/ul	208441	4	17.02	1932800	20.0
Ethanol, 2-(tetra...	20.93	2.4	ng/ul	294886	5	21.22	2512780	20.0
(DEL) Alkane: Str...	23.92	2.7	ng/ul	330464	6	23.44	2464600	20.0