

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
 Data File : BM019621.D
 Acq On : 30 Mar 2019 16:13
 Operator : JU/SJ
 Sample : K2065-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF5L9

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	3.128	20	24	34	rVB	29348	56607	1.64%	0.160%
2	3.722	120	125	132	rBV3	15698	29237	0.85%	0.083%
3	4.034	176	178	184	rVB5	5808	6990	0.20%	0.020%
4	4.716	291	294	299	rBV	13954	21116	0.61%	0.060%
5	4.763	299	302	308	rVB3	9366	14608	0.42%	0.041%
6	6.757	636	641	662	rBV2	311688	735331	21.30%	2.082%
7	6.928	665	670	690	rBV	248503	479174	13.88%	1.357%
8	7.110	695	701	714	rVV	378975	647483	18.76%	1.833%
9	7.575	773	780	788	rBV	475328	795685	23.05%	2.253%
10	7.639	788	791	797	rVB4	8618	14402	0.42%	0.041%
11	8.110	867	871	876	rVB5	2561	4871	0.14%	0.014%
12	8.292	896	902	917	rBV	388338	759613	22.01%	2.151%
13	8.422	920	924	931	rVB	10409	19298	0.56%	0.055%
14	8.745	972	979	993	rBV	327070	594325	17.22%	1.683%
15	9.075	1030	1035	1041	rVB2	9274	13852	0.40%	0.039%
16	9.457	1093	1100	1111	rBV	270989	492156	14.26%	1.393%
17	9.992	1184	1191	1215	rBV	357232	767532	22.24%	2.173%
18	10.351	1246	1252	1263	rBV	731672	1206639	34.96%	3.416%
19	10.522	1274	1281	1301	rBV	285272	684486	19.83%	1.938%
20	10.651	1301	1303	1307	rVB4	3689	4661	0.14%	0.013%
21	11.975	1524	1528	1530	rBV2	4752	6342	0.18%	0.018%
22	12.563	1624	1628	1635	rBV7	1732	3494	0.10%	0.010%
23	13.657	1807	1814	1819	rBV	809819	1176965	34.10%	3.332%
24	13.704	1819	1822	1832	rVB	129635	184434	5.34%	0.522%
25	13.927	1854	1860	1877	rVB	935512	1364370	39.53%	3.863%
26	14.116	1887	1892	1896	rBV3	2503	3616	0.10%	0.010%
27	14.233	1906	1912	1921	rBV2	1072118	1601317	46.39%	4.533%
28	14.492	1951	1956	1970	rBV2	108109	338961	9.82%	0.960%
29	14.663	1981	1985	1995	rVB5	21874	42409	1.23%	0.120%
30	14.727	1995	1996	2005	rVB6	3414	7625	0.22%	0.022%
31	15.074	2052	2055	2059	rBV4	6197	8898	0.26%	0.025%
32	15.233	2076	2082	2100	rBV	1203514	1800121	52.15%	5.096%
33	15.386	2103	2108	2120	rVV	197570	338804	9.82%	0.959%
34	15.474	2120	2123	2129	rVB3	15091	21589	0.63%	0.061%

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35	15.633	2147	2150	2154	rBV5	2723	3501	0.10%	0.010%
36	15.945	2198	2203	2212	rBV3	7518	17325	0.50%	0.049%
37	16.021	2214	2216	2222	rVB3	5300	5054	0.15%	0.014%
38	16.133	2232	2235	2239	rVB4	4908	4939	0.14%	0.014%
39	16.351	2268	2272	2277	rVB5	3476	6160	0.18%	0.017%
40	16.404	2277	2281	2283	rBV4	3894	5485	0.16%	0.016%
41	16.739	2334	2338	2342	rVV3	5658	10088	0.29%	0.029%
42	16.780	2342	2345	2349	rVV5	7636	11393	0.33%	0.032%
43	16.815	2349	2351	2354	rVB2	3968	3493	0.10%	0.010%
44	16.992	2375	2381	2386	rBV	1447954	1963293	56.88%	5.558%
45	17.033	2386	2388	2392	rVV	83026	99343	2.88%	0.281%
46	17.092	2392	2398	2416	rVB	1321554	1920369	55.64%	5.437%
47	17.274	2425	2429	2432	rBV5	3995	5241	0.15%	0.015%
48	17.474	2459	2463	2467	rBV7	4910	8512	0.25%	0.024%
49	17.580	2477	2481	2484	rBV3	3672	5389	0.16%	0.015%
50	17.886	2527	2533	2537	rBV3	160221	246695	7.15%	0.698%
51	18.062	2559	2563	2567	rBV3	23552	39766	1.15%	0.113%
52	18.109	2568	2571	2575	rVV2	13462	17960	0.52%	0.051%
53	18.168	2579	2581	2585	rVB5	6136	8443	0.24%	0.024%
54	18.386	2614	2618	2623	rVV5	8251	12452	0.36%	0.035%
55	18.439	2623	2627	2632	rVB6	13817	20639	0.60%	0.058%
56	18.556	2646	2647	2650	rBV3	3893	4225	0.12%	0.012%
57	18.674	2665	2667	2672	rVB5	5697	7525	0.22%	0.021%
58	18.798	2684	2688	2692	rBV4	18205	30611	0.89%	0.087%
59	18.951	2708	2714	2718	rBV7	15364	29698	0.86%	0.084%
60	19.062	2724	2733	2740	rBV	224725	352203	10.20%	0.997%
61	19.174	2748	2752	2757	rBV2	84707	122228	3.54%	0.346%
62	19.292	2768	2772	2778	rBV5	18985	31868	0.92%	0.090%
63	19.398	2785	2790	2795	rBV	1765377	2529056	73.27%	7.160%
64	19.509	2805	2809	2812	rVB6	11800	17934	0.52%	0.051%
65	19.739	2845	2848	2851	rBV2	54679	67770	1.96%	0.192%
66	19.774	2851	2854	2858	rVB2	102133	116504	3.38%	0.330%
67	19.909	2872	2877	2878	rBV5	23739	38025	1.10%	0.108%
68	20.233	2929	2932	2936	rBV2	27212	34178	0.99%	0.097%
69	20.433	2963	2966	2971	rBV5	39062	50887	1.47%	0.144%
70	20.715	3012	3014	3017	rBV4	29770	26421	0.77%	0.075%
71	20.750	3017	3020	3026	rVB	69544	76392	2.21%	0.216%

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72	20.897	3041	3045	3055	rBV3	313110	455960	13.21%	1.291%
73	21.197	3090	3096	3101	rBV	2261497	3056628	88.56%	8.653%
74	21.233	3101	3102	3115	rVB	171588	236471	6.85%	0.669%
75	21.339	3117	3120	3125	rVB2	129460	162021	4.69%	0.459%
76	21.762	3188	3192	3195	rBV2	215610	250216	7.25%	0.708%
77	22.215	3265	3269	3276	rVB	339695	446336	12.93%	1.264%
78	22.703	3348	3352	3356	rBV	374420	522351	15.13%	1.479%
79	23.262	3441	3447	3453	rBV2	2002109	3451667	100.00%	9.772%
80	23.403	3465	3471	3485	rVB	1825483	3338918	96.73%	9.453%
81	23.880	3547	3552	3558	rVB	370482	674858	19.55%	1.911%
82	24.603	3670	3675	3682	rVB	257959	528996	15.33%	1.498%

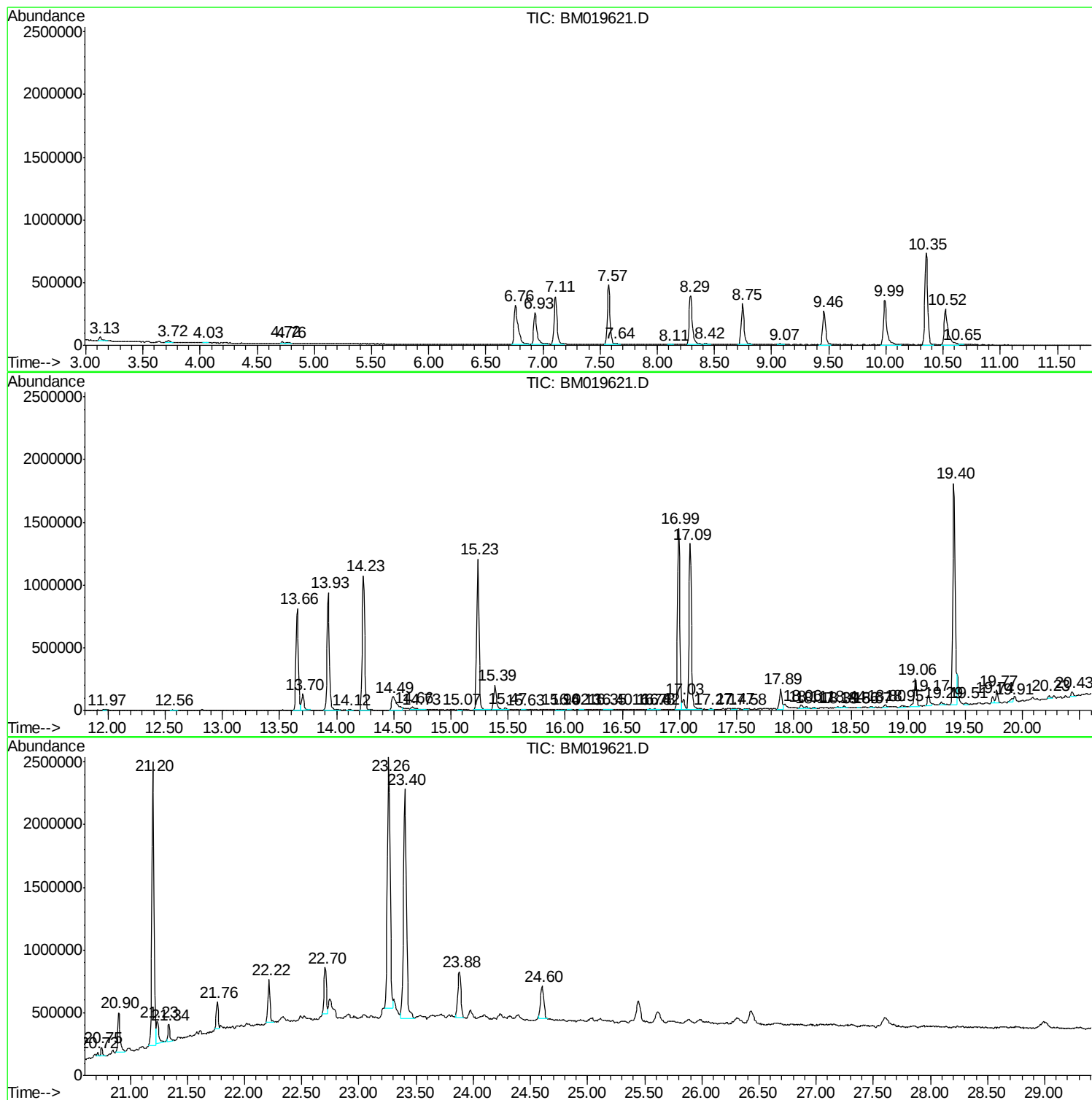
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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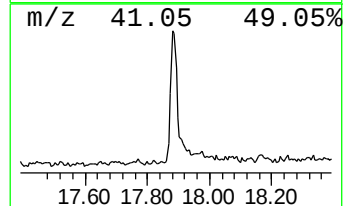
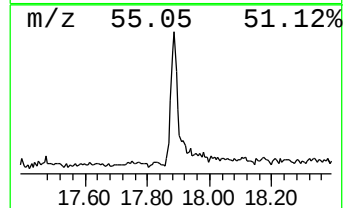
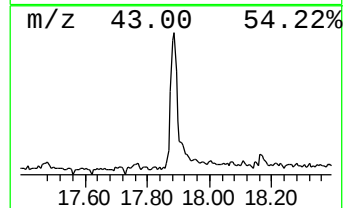
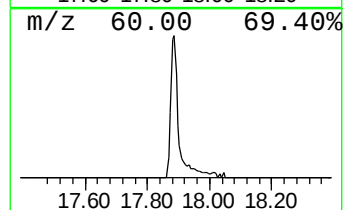
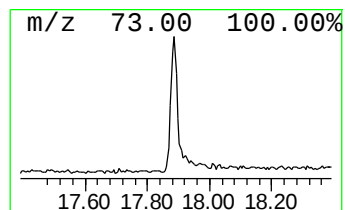
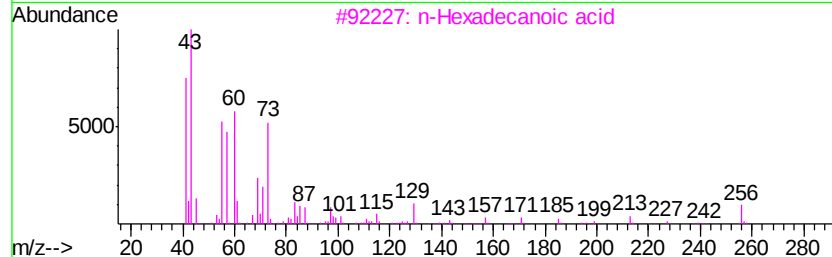
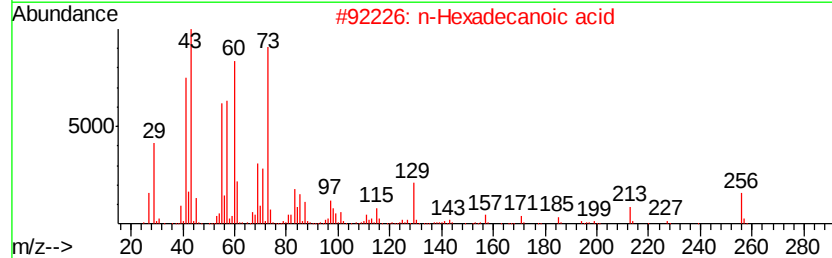
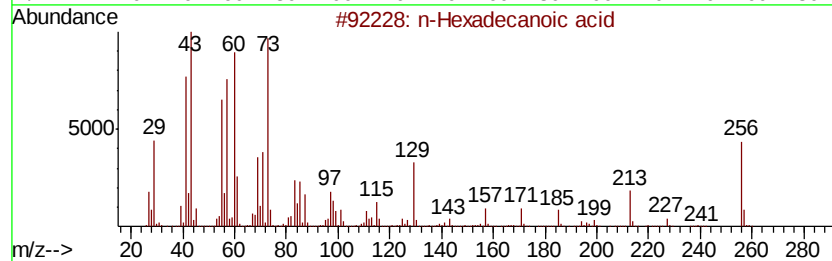
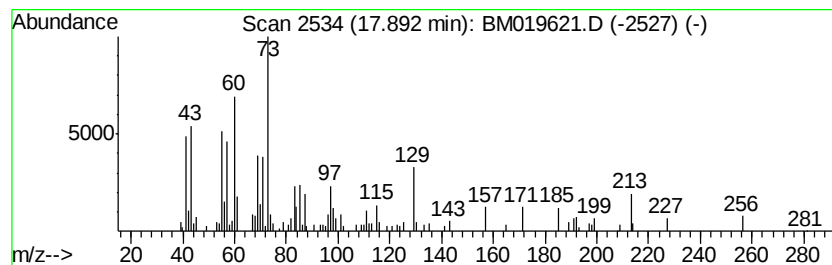
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.89	2.51 ng/ul	246695	Phenanthrene-d10		16.99
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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	47



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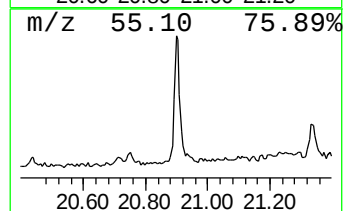
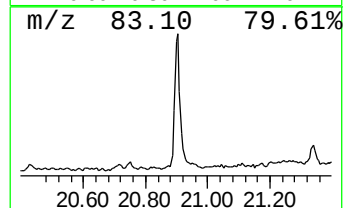
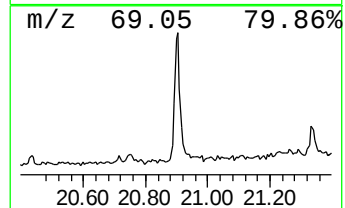
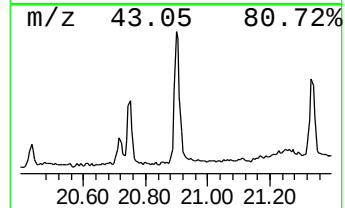
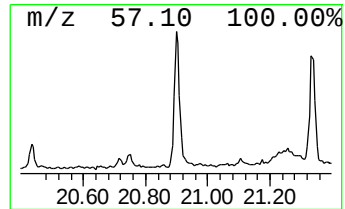
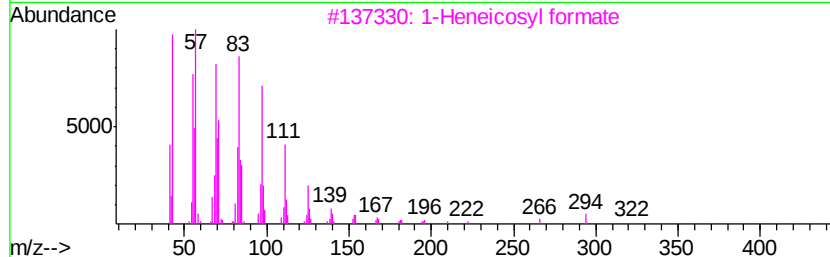
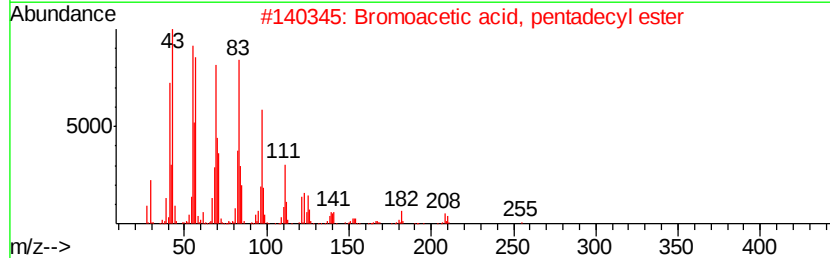
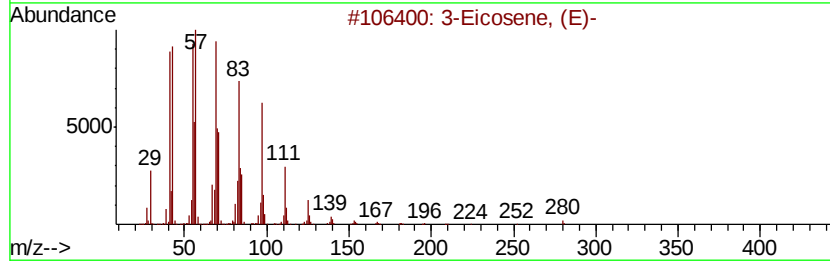
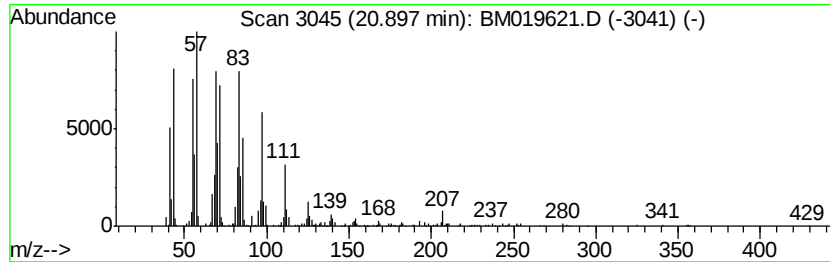
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic20.90 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.98 ng/ul	455960	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 90
2	Bromoacetic acid, pentadecyl ester		348 C17H33BrO2	131143-01-6 87
3	1-Heneicosyl formate		340 C22H44O2	077899-03-7 87
4	1-Heptadecanol		256 C17H36O	001454-85-9 87
5	1-Nonadecene		266 C19H38	018435-45-5 83



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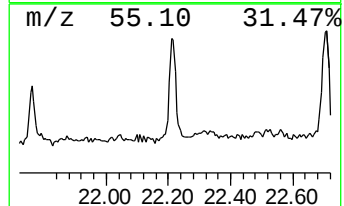
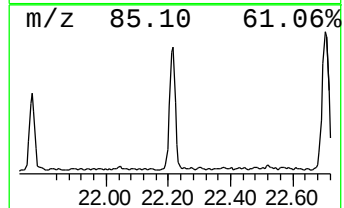
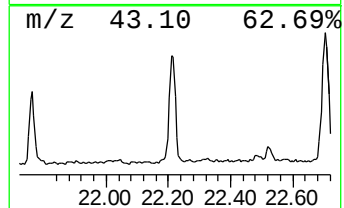
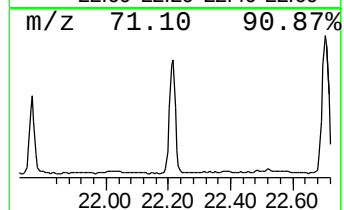
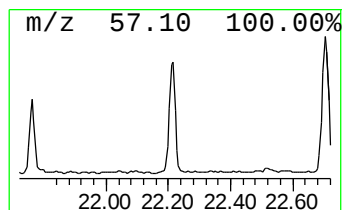
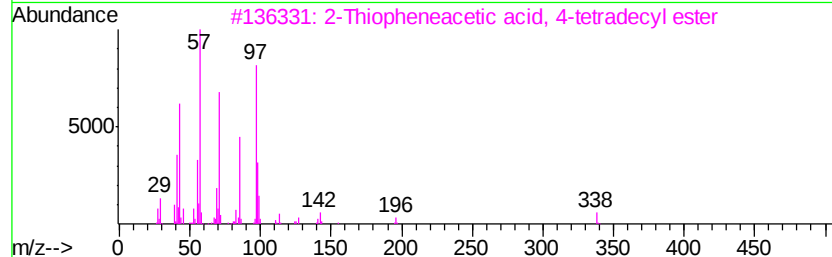
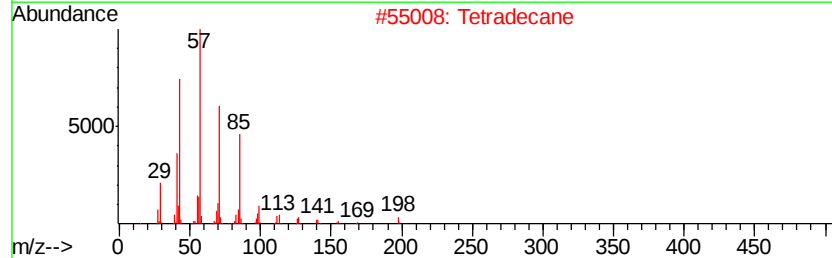
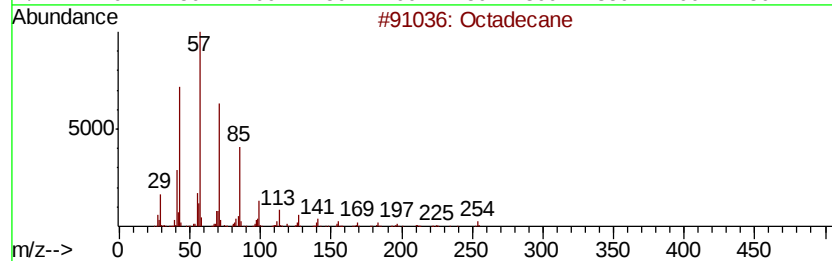
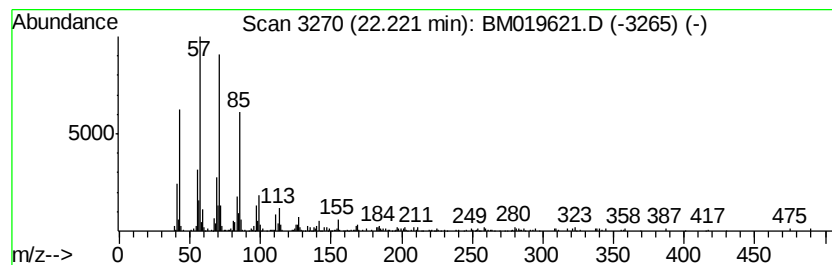
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
22.22	2.92 ng/ul	446336	Chrysene-d12	21.20		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane	254	C18H38	000593-45-3	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Nonadecane	268	C19H40	000629-92-5	86



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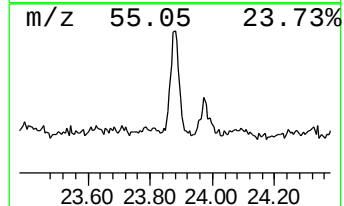
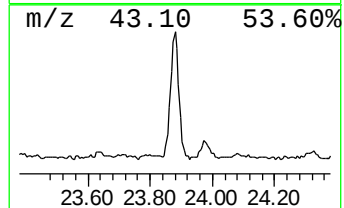
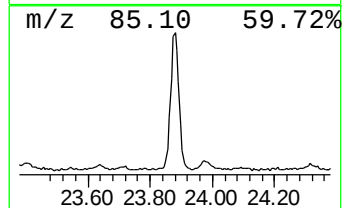
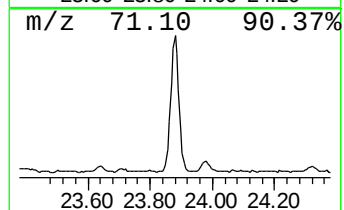
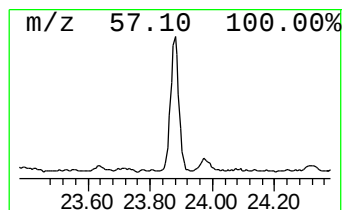
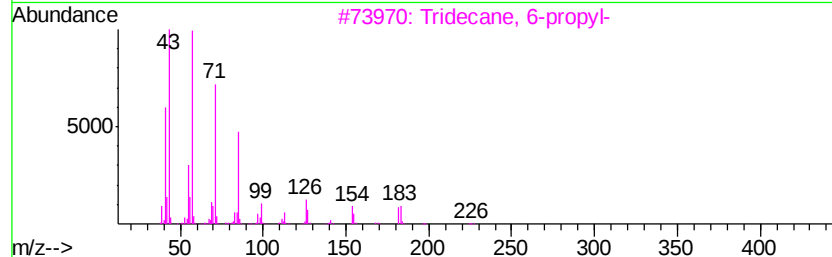
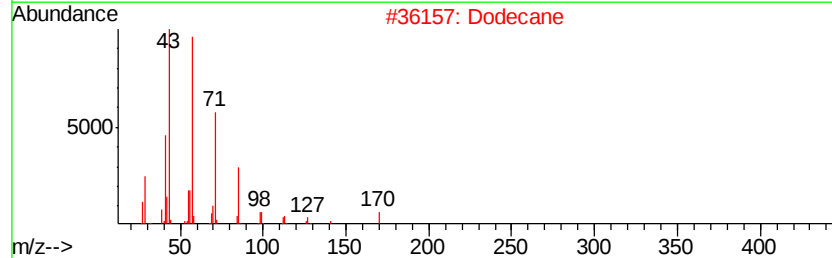
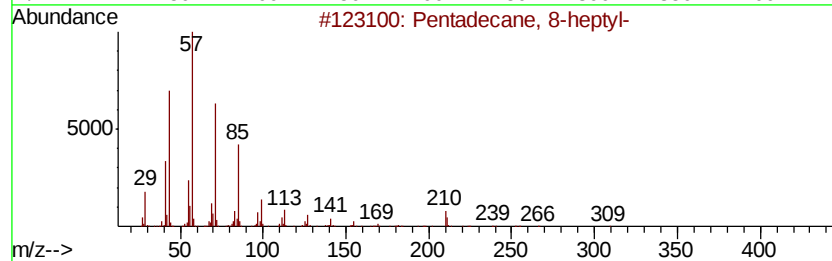
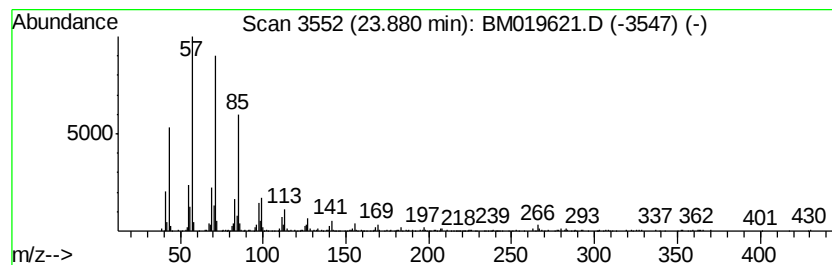
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	4.04 ng/ul	674858	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2		Dodecane	170	C12H26	000112-40-3	87
3		Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4		Nonadecane	268	C19H40	000629-92-5	86
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019621.D
Acq On : 30 Mar 2019 16:13
Operator : JU/SJ
Sample : K2065-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5L9

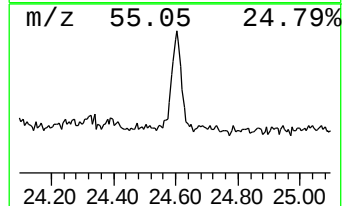
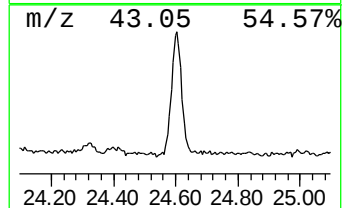
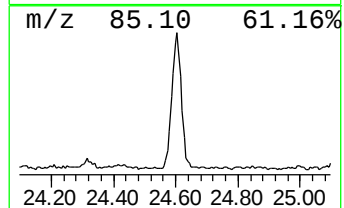
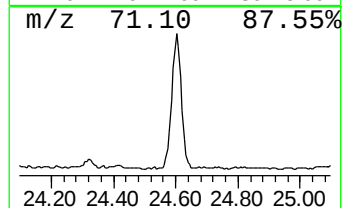
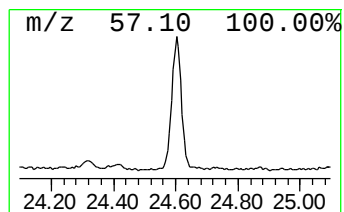
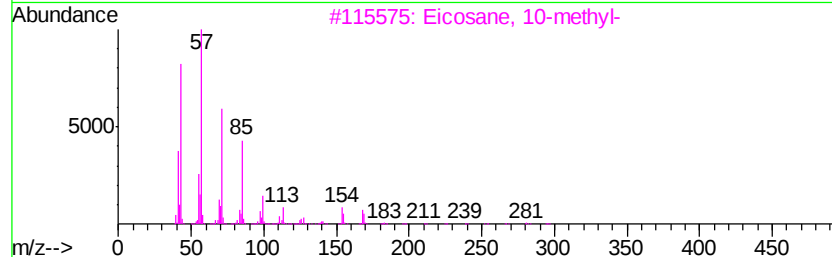
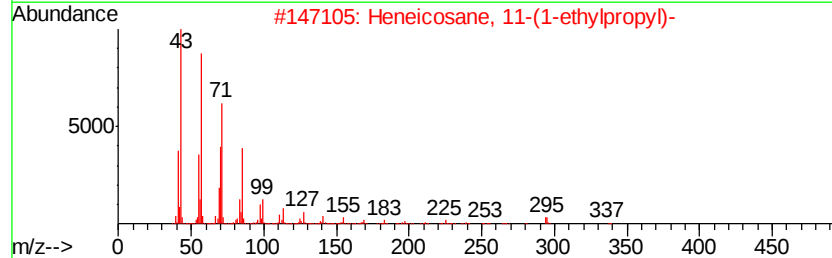
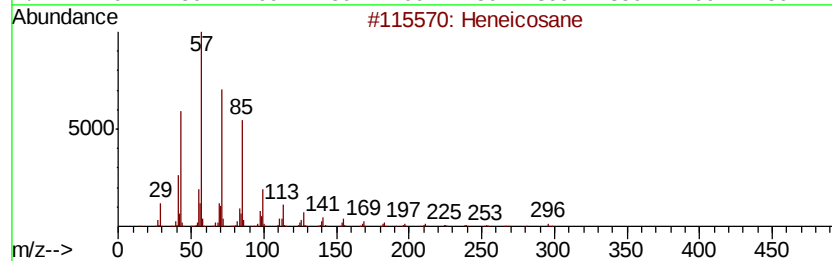
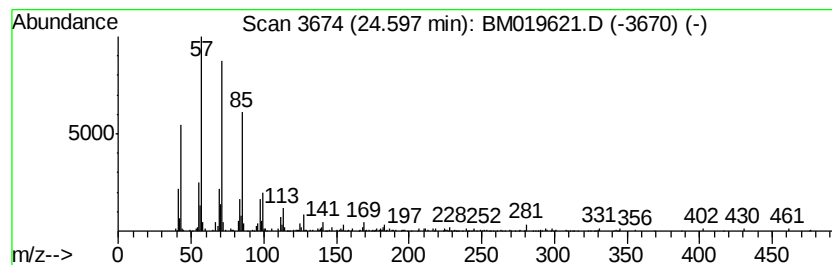
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	3.17 ng/ul	528996	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM033019\
Data File : BM019621.D
Acq On : 30 Mar 2019 16:13
Operator : JU/SJ
Sample : K2065-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BF5L9

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	17.89	2.5	ng/ul	246695	4	16.99	1963290	20.0
(DEL) Alkane: Cyc...	20.90	3.0	ng/ul	455960	5	21.20	3056630	20.0
(DEL) Alkane: Str...	22.22	2.9	ng/ul	446336	5	21.20	3056630	20.0
(DEL) Alkane: Str...	23.88	4.0	ng/ul	674858	6	23.40	3338920	20.0
(DEL) Alkane: Str...	24.60	3.2	ng/ul	528996	6	23.40	3338920	20.0