

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019837.D
 Acq On : 09 Apr 2019 20:29
 Operator : JU/SJ
 Sample : K2255-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC55

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	30	rVB	36251	55342	3.18%	0.266%
2	3.334	57	59	61	rVB3	4370	3403	0.20%	0.016%
3	3.628	105	109	113	rVB5	4261	6338	0.36%	0.031%
4	4.122	191	193	194	rBV2	3406	2126	0.12%	0.010%
5	4.710	287	293	298	rVB3	5219	10019	0.58%	0.048%
6	5.093	356	358	360	rBV3	1940	2030	0.12%	0.010%
7	5.140	363	366	369	rVB3	1650	2485	0.14%	0.012%
8	5.822	479	482	485	rBV3	1730	2134	0.12%	0.010%
9	5.975	506	508	512	rVB3	1739	2175	0.12%	0.010%
10	6.451	587	589	592	rBV3	2241	2333	0.13%	0.011%
11	6.751	634	640	656	rBV	186942	399788	22.95%	1.924%
12	6.910	660	667	686	rBV	167198	330260	18.96%	1.590%
13	7.093	692	698	710	rBV	264418	442851	25.42%	2.132%
14	7.557	770	777	787	rBV	404441	682070	39.15%	3.283%
15	7.622	787	788	791	rVV3	6896	7794	0.45%	0.038%
16	8.281	894	900	916	rBV	237356	479363	27.51%	2.308%
17	8.410	920	922	925	rVB4	2430	2696	0.15%	0.013%
18	8.728	970	976	990	rBV	195979	377073	21.64%	1.815%
19	8.892	997	1004	1009	rVB5	2424	5358	0.31%	0.026%
20	8.957	1014	1015	1018	rBV2	2080	2077	0.12%	0.010%
21	9.039	1026	1029	1034	rVB3	8670	12145	0.70%	0.058%
22	9.439	1091	1097	1113	rBV	159698	318196	18.26%	1.532%
23	9.857	1166	1168	1171	rVB	1573	1976	0.11%	0.010%
24	9.881	1171	1172	1176	rBV2	2422	2586	0.15%	0.012%
25	9.981	1183	1189	1210	rVV	186323	453940	26.05%	2.185%
26	10.122	1210	1213	1217	rVB5	1574	2974	0.17%	0.014%
27	10.333	1241	1249	1263	rVV	555448	918383	52.71%	4.421%
28	10.510	1271	1279	1298	rBV	154706	425822	24.44%	2.050%
29	10.681	1305	1308	1312	rBV3	2612	4063	0.23%	0.020%
30	10.910	1344	1347	1348	rVB	3332	2524	0.14%	0.012%
31	10.933	1348	1351	1352	rBV2	1956	2377	0.14%	0.011%
32	10.998	1356	1362	1365	rVB2	1288	2514	0.14%	0.012%
33	11.233	1400	1402	1406	rBV2	1732	2202	0.13%	0.011%
34	11.398	1425	1430	1432	rBV2	1224	2339	0.13%	0.011%

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Integration Parameters: LSCINT.P

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35	11.539	1452	1454	1458	rBV2	1880	2058	0.12%	0.010%
36	12.516	1616	1620	1621	rBV2	3573	3718	0.21%	0.018%
37	13.004	1702	1703	1707	rVB3	2252	2269	0.13%	0.011%
38	13.098	1714	1719	1723	rBV	10265	15195	0.87%	0.073%
39	13.639	1805	1811	1816	rBV	427436	639429	36.70%	3.078%
40	13.692	1816	1820	1828	rVB	118263	181515	10.42%	0.874%
41	13.910	1851	1857	1869	rBV	530663	782088	44.89%	3.765%
42	14.133	1885	1895	1903	rBV2	22231	62756	3.60%	0.302%
43	14.216	1903	1909	1922	rVB2	694266	1093936	62.79%	5.266%
44	14.533	1956	1963	1978	rBV3	30160	114669	6.58%	0.552%
45	14.651	1978	1983	1993	rVV	74323	119795	6.88%	0.577%
46	14.821	2008	2012	2016	rVB6	1510	2573	0.15%	0.012%
47	15.010	2040	2044	2048	rVB5	2827	4488	0.26%	0.022%
48	15.063	2048	2053	2056	rBV3	5023	6471	0.37%	0.031%
49	15.221	2074	2080	2093	rBV	626643	971007	55.73%	4.674%
50	15.392	2104	2109	2118	rBV2	56254	108886	6.25%	0.524%
51	15.615	2145	2147	2151	rVB4	3140	3738	0.21%	0.018%
52	15.680	2155	2158	2160	rBV3	2175	2585	0.15%	0.012%
53	15.727	2163	2166	2170	rBV4	1340	1999	0.11%	0.010%
54	15.798	2177	2178	2184	rVB4	2312	2996	0.17%	0.014%
55	15.839	2184	2185	2188	rBV	1861	2197	0.13%	0.011%
56	16.010	2212	2214	2216	rBV	2472	2029	0.12%	0.010%
57	16.251	2251	2255	2257	rVV3	2293	2349	0.13%	0.011%
58	16.386	2271	2278	2285	rBV3	25967	46185	2.65%	0.222%
59	16.551	2303	2306	2308	rBV2	2267	2654	0.15%	0.013%
60	16.710	2332	2333	2336	rBV2	2453	3076	0.18%	0.015%
61	16.751	2336	2340	2341	rVV4	4461	4568	0.26%	0.022%
62	16.980	2373	2379	2391	rBV	845175	1166359	66.94%	5.615%
63	17.080	2391	2396	2405	rVV2	618653	957808	54.97%	4.611%
64	17.157	2405	2409	2417	rVV2	16013	23893	1.37%	0.115%
65	17.257	2423	2426	2431	rVB6	3556	7120	0.41%	0.034%
66	17.362	2441	2444	2449	rVB4	5450	7882	0.45%	0.038%
67	17.451	2456	2459	2463	rBV6	2851	4029	0.23%	0.019%
68	17.492	2465	2466	2470	rBV2	1892	2024	0.12%	0.010%
69	17.533	2470	2473	2475	rBV3	3270	3133	0.18%	0.015%
70	17.645	2489	2492	2496	rVB3	2572	3787	0.22%	0.018%
71	17.745	2503	2509	2515	rBV7	33625	55501	3.19%	0.267%

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72	17.874	2526	2531	2541	rBV	205532	336617	19.32%	1.620%
73	17.951	2541	2544	2552	rVV	18003	34223	1.96%	0.165%
74	18.009	2552	2554	2560	rVV6	2571	4554	0.26%	0.022%
75	18.109	2569	2571	2573	rBV3	3961	4296	0.25%	0.021%
76	18.157	2577	2579	2580	rVV2	5246	3448	0.20%	0.017%
77	18.209	2586	2588	2589	rBV2	3241	2503	0.14%	0.012%
78	18.239	2589	2593	2595	rBV5	5381	7588	0.44%	0.037%
79	18.433	2621	2626	2630	rBV6	8321	12139	0.70%	0.058%
80	18.504	2636	2638	2641	rBV3	3063	3478	0.20%	0.017%
81	18.739	2674	2678	2684	rBV	40622	56416	3.24%	0.272%
82	18.798	2684	2688	2690	rVB3	8537	8844	0.51%	0.043%
83	18.992	2719	2721	2722	rBV	5405	3479	0.20%	0.017%
84	19.056	2722	2732	2738	rVV6	38263	122784	7.05%	0.591%
85	19.162	2746	2750	2761	rBV	80601	149409	8.58%	0.719%
86	19.392	2783	2789	2801	rBV2	756900	1085158	62.28%	5.224%
87	19.627	2825	2829	2841	rBV	165730	297328	17.07%	1.431%
88	19.921	2876	2879	2882	rVB	40255	39585	2.27%	0.191%
89	20.421	2961	2964	2970	rBV3	50340	54316	3.12%	0.261%
90	20.892	3040	3044	3051	rBV2	127904	183025	10.50%	0.881%
91	21.092	3076	3078	3083	rBV	47129	56987	3.27%	0.274%
92	21.197	3091	3096	3101	rBV	1002498	1405542	80.67%	6.766%
93	21.321	3114	3117	3121	rBV	88403	111715	6.41%	0.538%
94	21.750	3187	3190	3194	rBV	154386	158168	9.08%	0.761%
95	22.197	3263	3266	3271	rVB	263954	316970	18.19%	1.526%
96	22.321	3283	3287	3292	rVB	581141	723371	41.52%	3.482%
97	22.691	3346	3350	3354	rVB	331203	473630	27.18%	2.280%
98	23.256	3438	3446	3454	rBV3	685685	1742301	100.00%	8.387%
99	23.397	3465	3470	3480	rVB	781805	1483987	85.17%	7.144%
100	23.856	3544	3548	3555	rVB	278143	505346	29.00%	2.433%

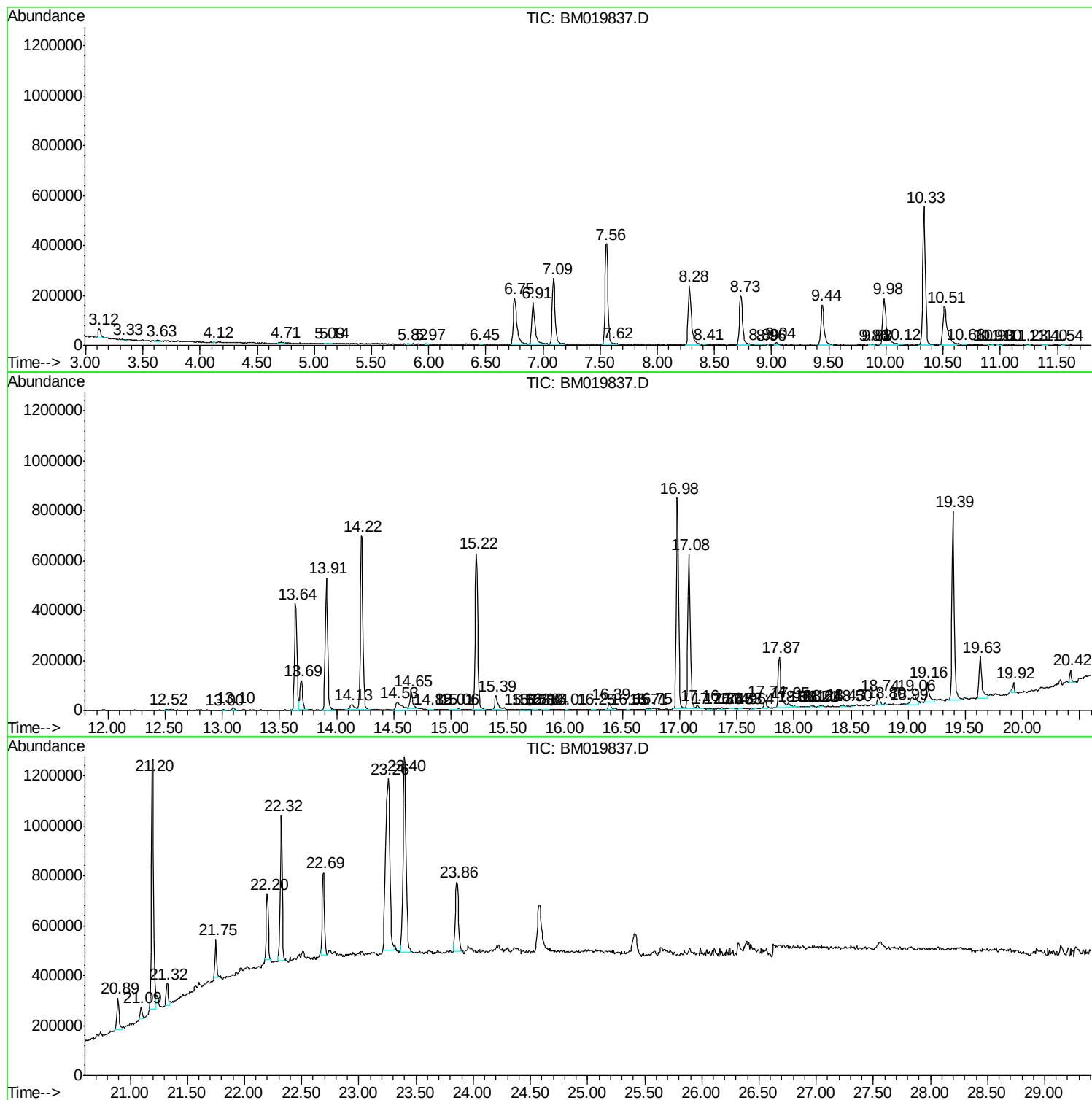
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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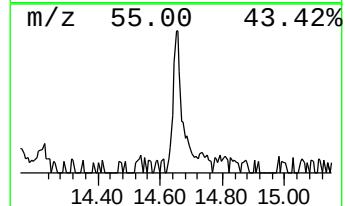
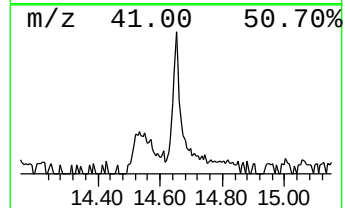
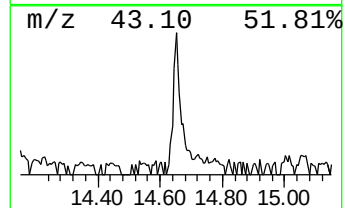
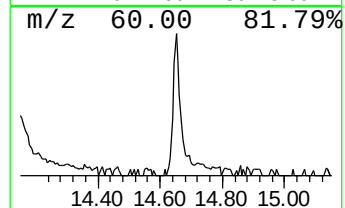
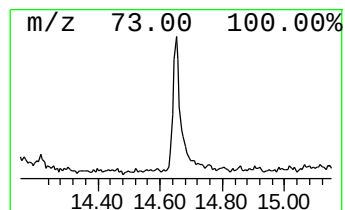
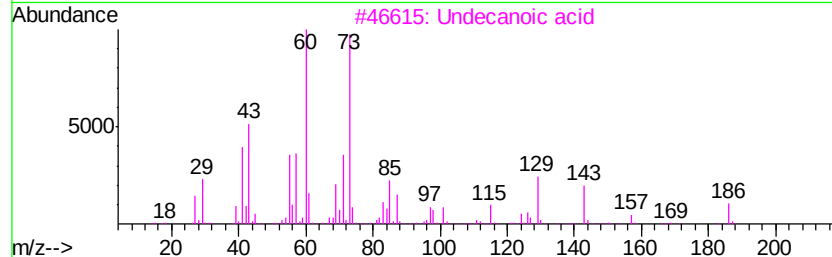
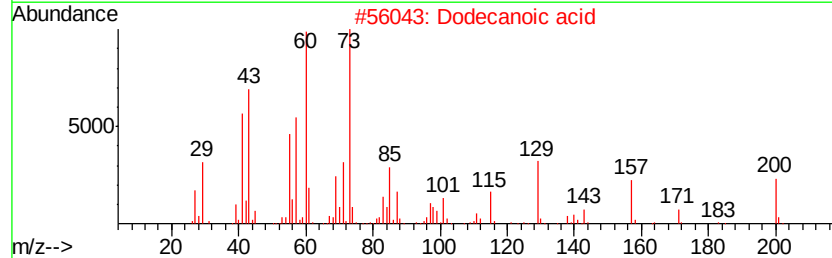
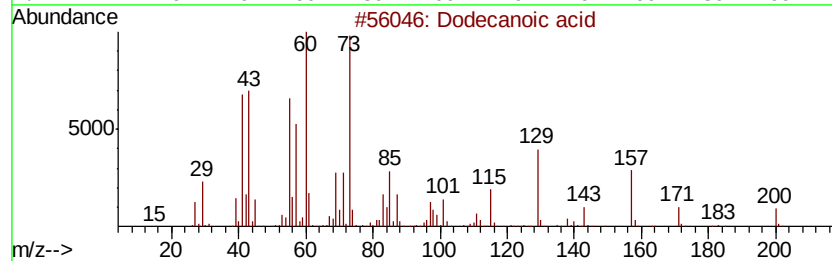
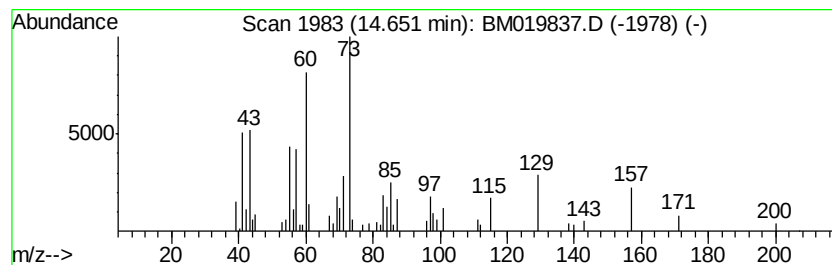
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dodecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	2.19 ng/ul	119795	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	91
2	Dodecanoic acid	200 C12H24O2	000143-07-7	89
3	Undecanoic acid	186 C11H22O2	000112-37-8	86
4	.alpha.-D-Glucopyranoside, .alph...	342 C12H22O11	000099-20-7	59
5	n-Decanoic acid	172 C10H20O2	000334-48-5	59



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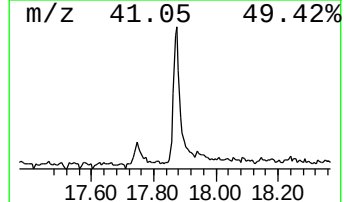
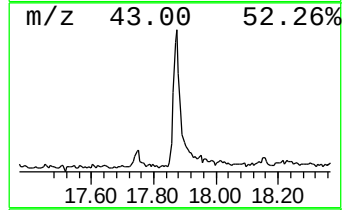
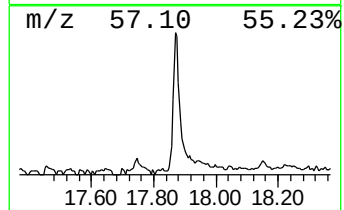
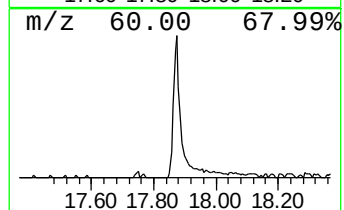
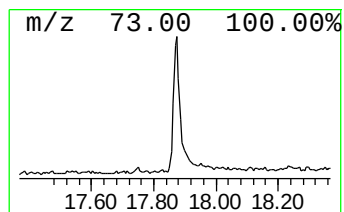
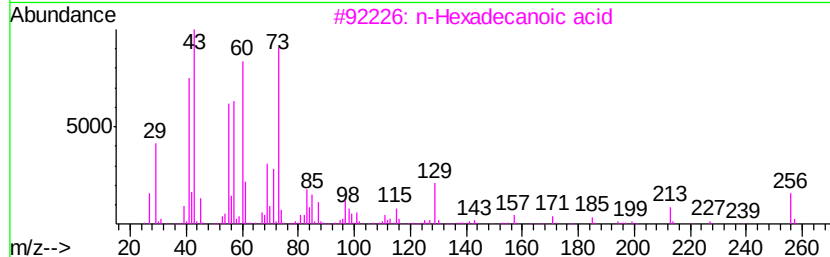
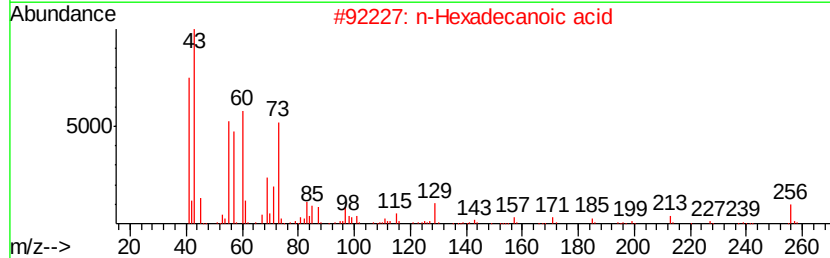
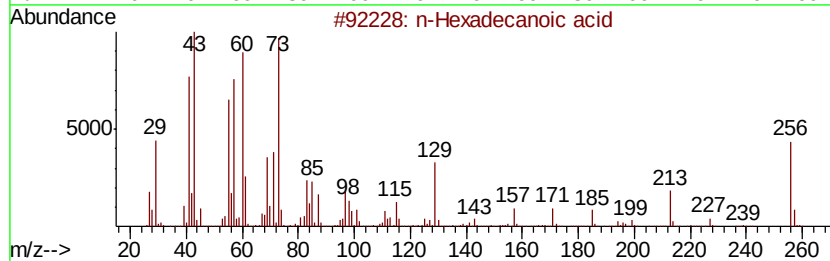
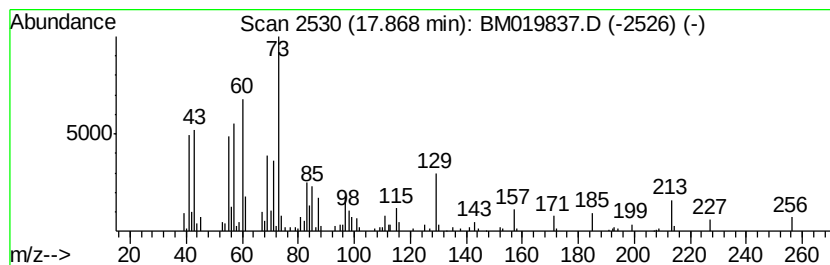
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	5.77 ng/ul	336617	Phenanthrene-d10	16.98
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	Tetradecanoic acid	228 C14H28O2	000544-63-8	53
5	Tridecanoic acid	214 C13H26O2	000638-53-9	43



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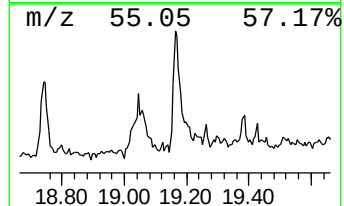
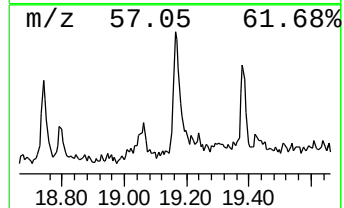
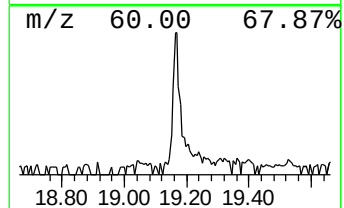
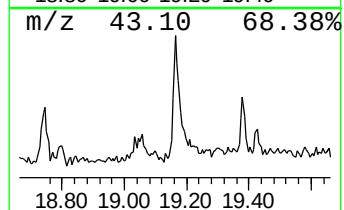
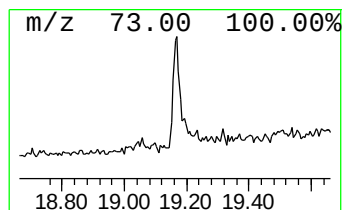
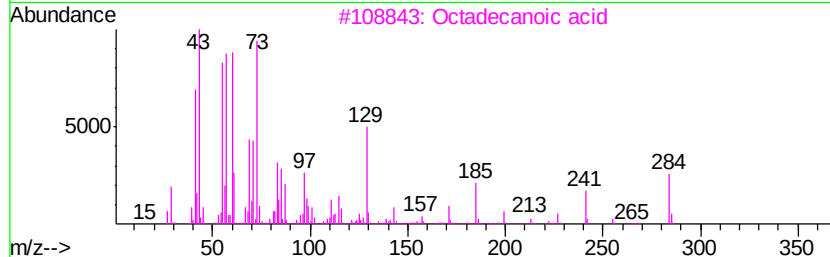
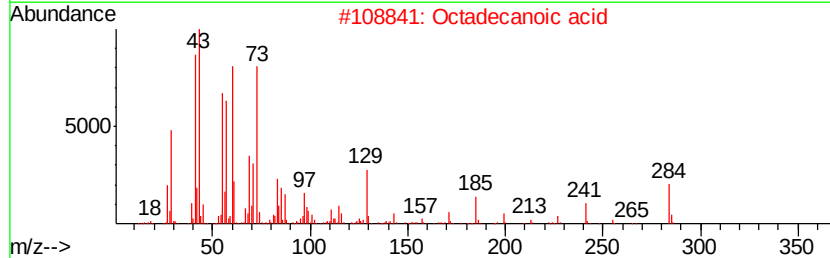
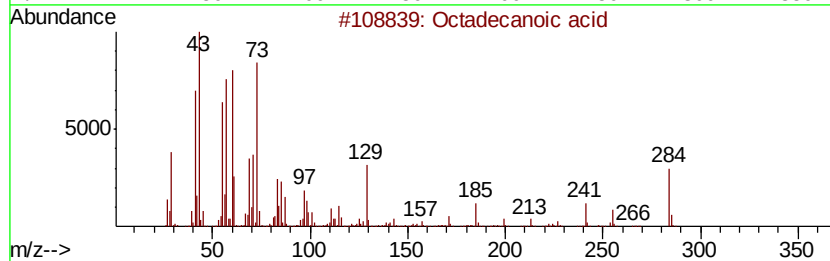
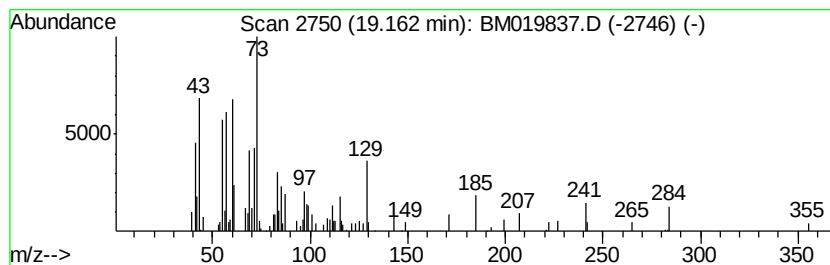
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.13 ng/ul	149409	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	74



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Sample : K2255-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

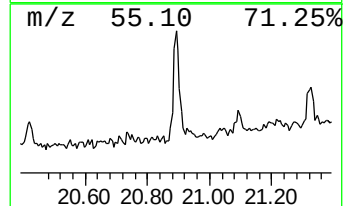
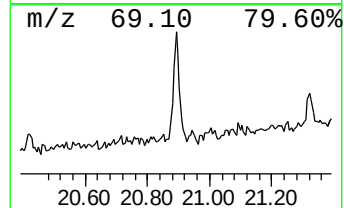
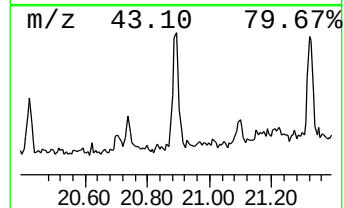
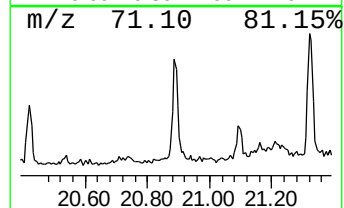
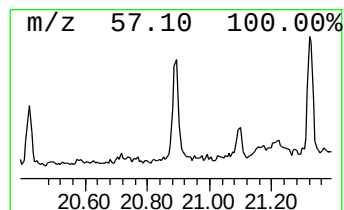
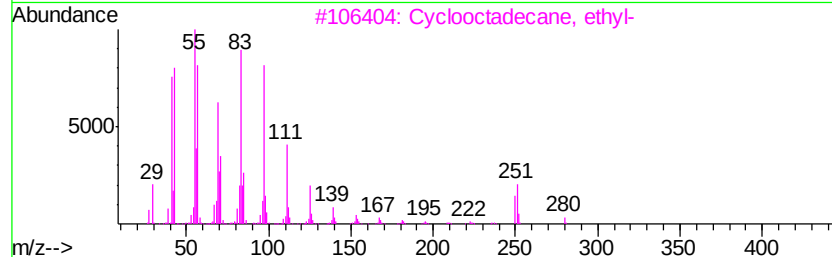
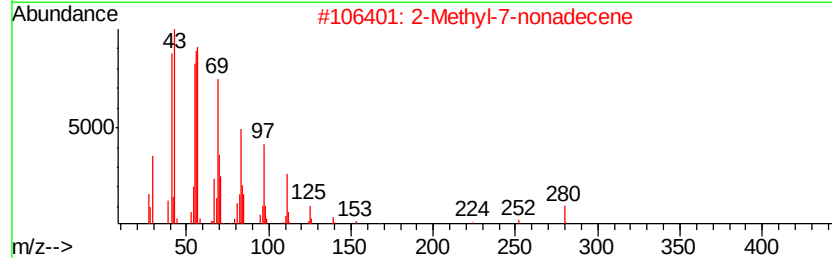
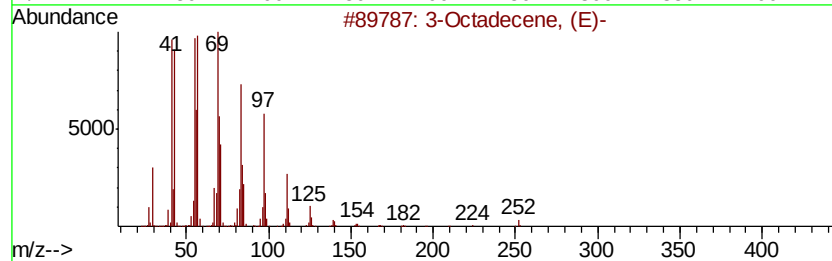
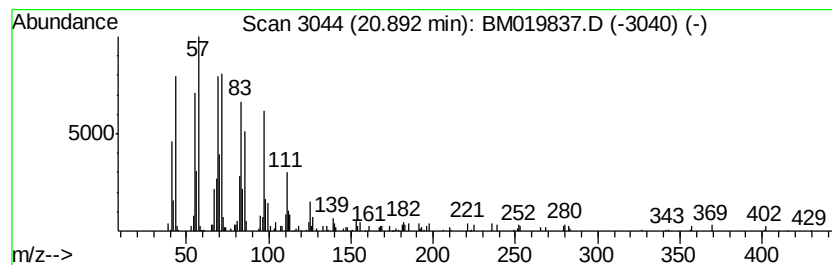
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.60 ng/ul	183025	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Octadecene, (E)-	252 C18H36	007206-19-1 93
2		2-Methyl-7-nonadecene	280 C20H40	219750-68-2 86
3		Cyclooctadecane, ethyl-	280 C20H40	1000151-22-5 80
4		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 76
5		Thieno[2,3-d]-1,3-thiaselenol-2-...	238 C5H2S3Se	081803-09-0 74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019837.D
Acq On : 09 Apr 2019 20:29
Operator : JU/SJ
Sample : K2255-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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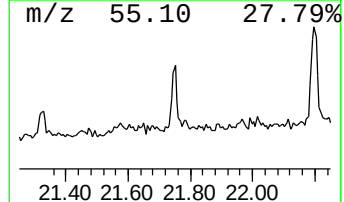
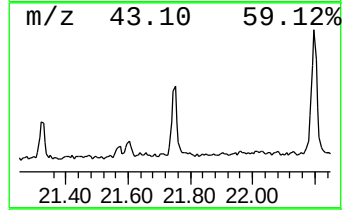
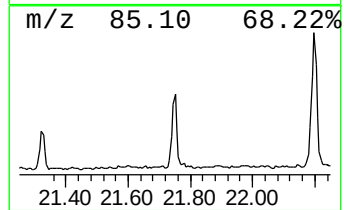
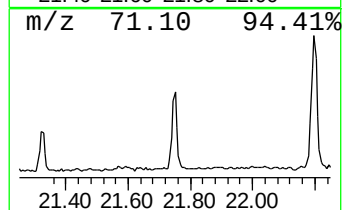
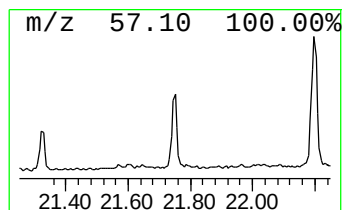
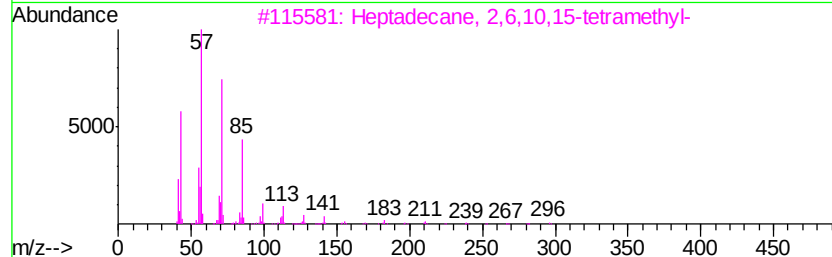
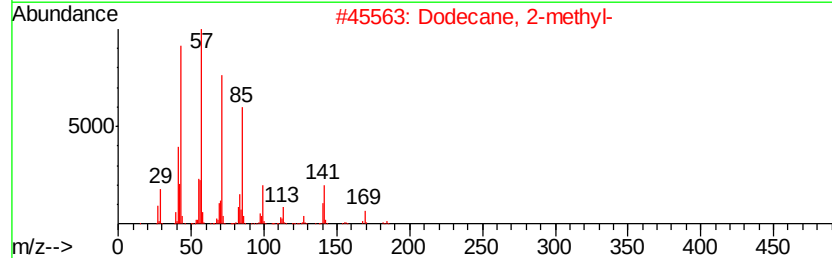
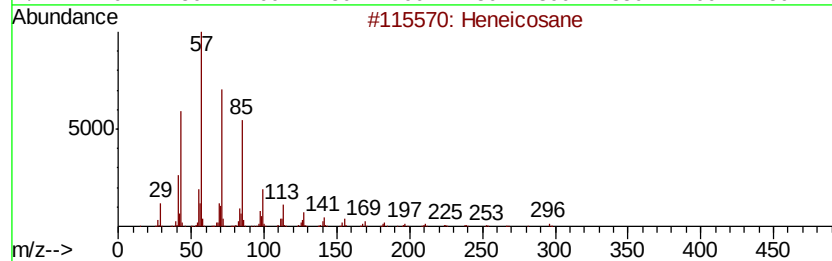
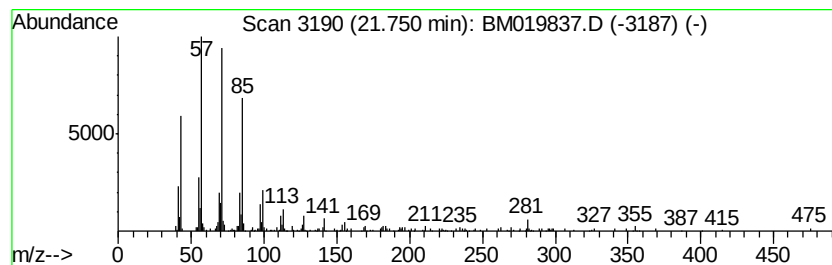
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.25 ng/ul	158168	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5		triacontane	422	C30H62	000638-68-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019837.D
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Sample : K2255-16
Misc :
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Instrument :
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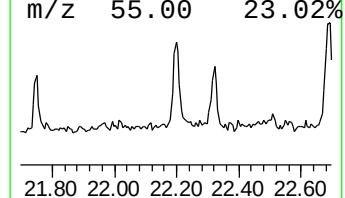
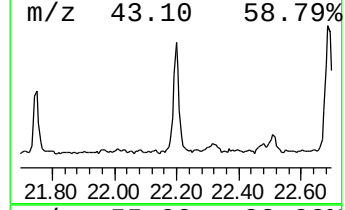
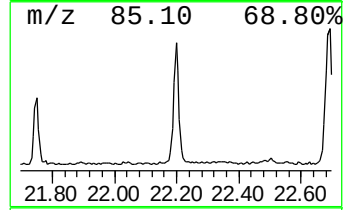
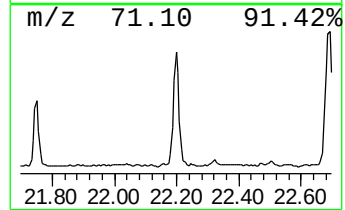
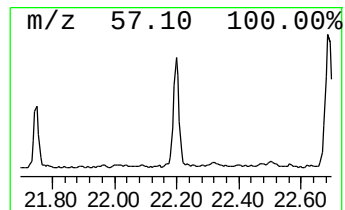
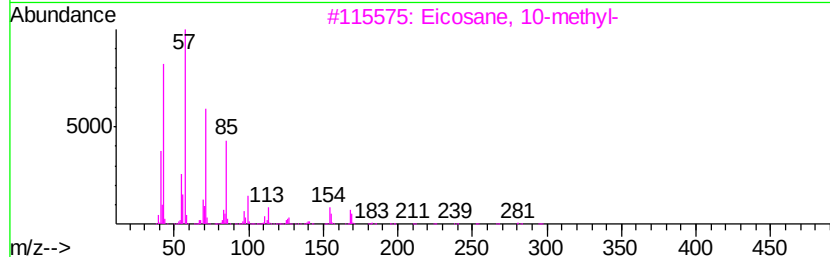
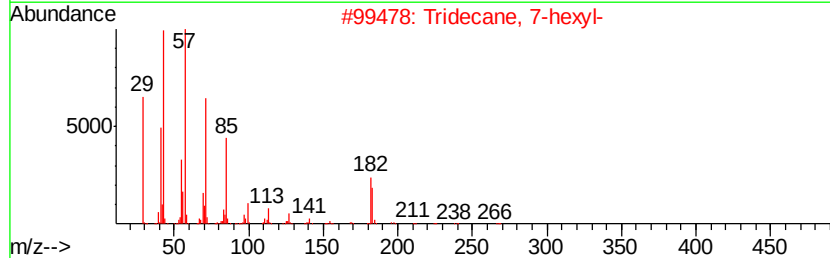
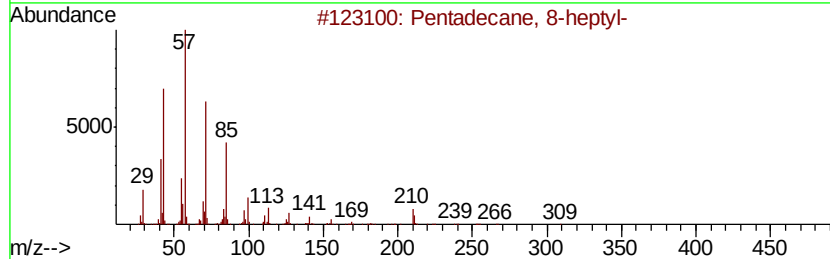
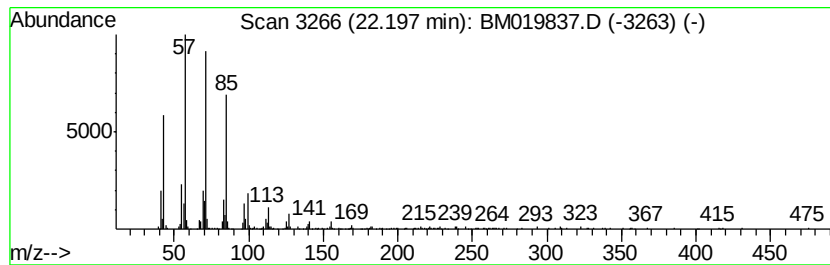
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Quant Title : SVOA CALIBRATION

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.
22.20	4.51 ng/ul	316970	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019837.D
Acq On : 09 Apr 2019 20:29
Operator : JU/SJ
Sample : K2255-16
Misc :
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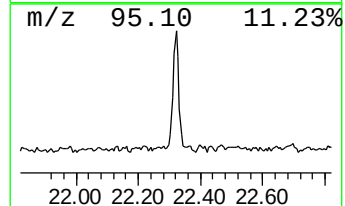
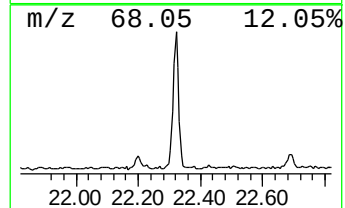
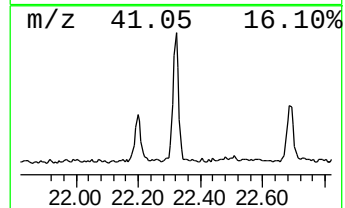
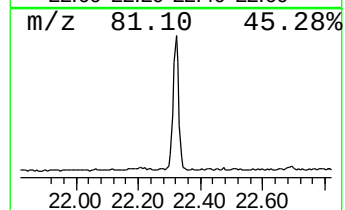
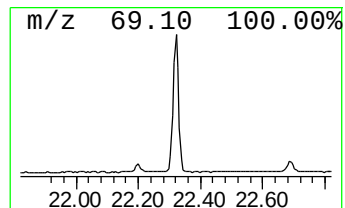
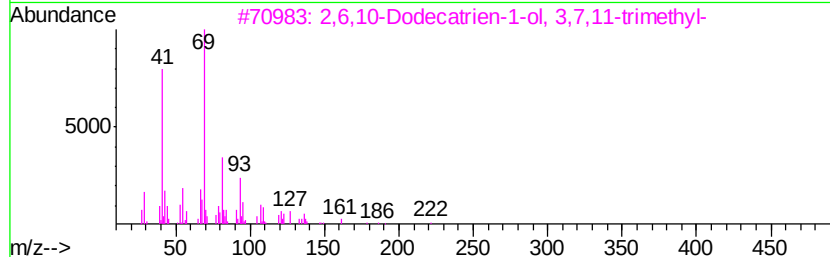
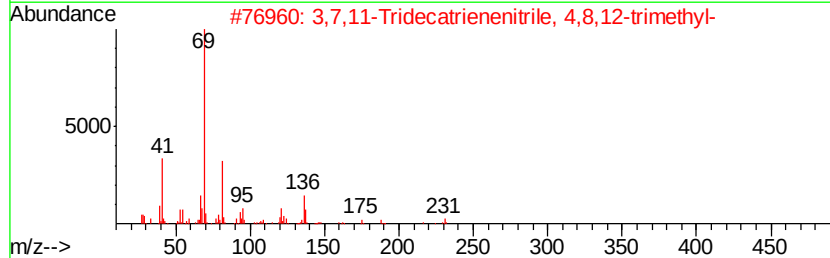
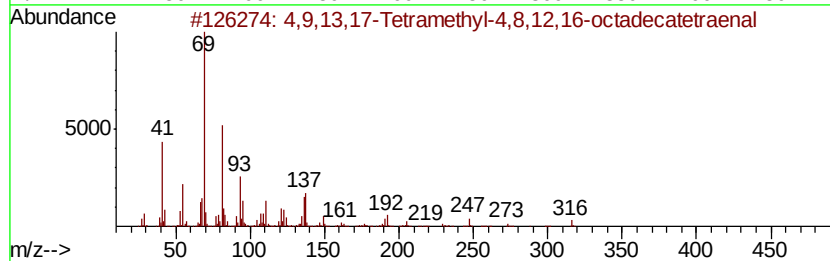
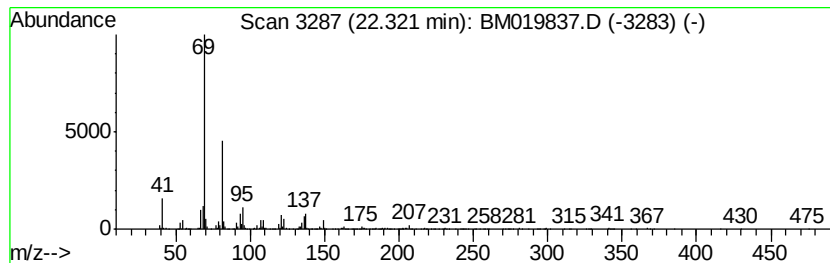
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4,9,13,17-Tetramethyl-4,8,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	9.75 ng/ul	723371	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
2		3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	56
3		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	56
4		2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	53
5		2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019837.D
Acq On : 09 Apr 2019 20:29
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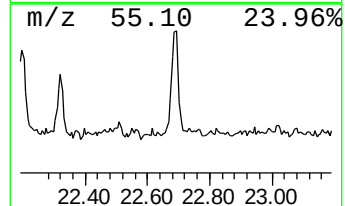
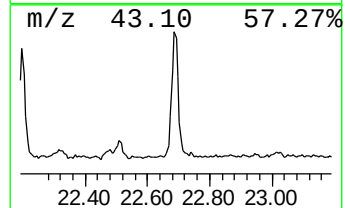
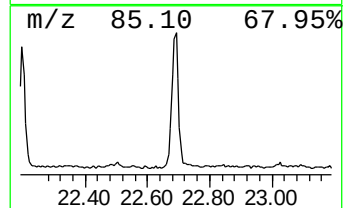
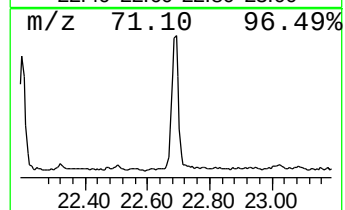
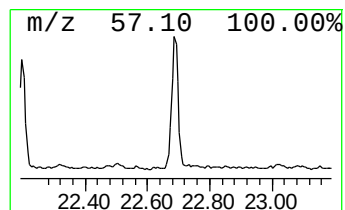
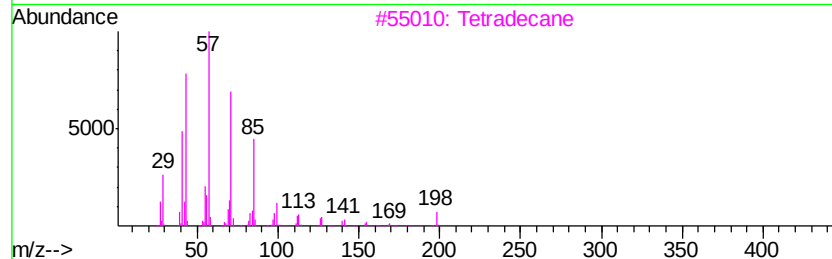
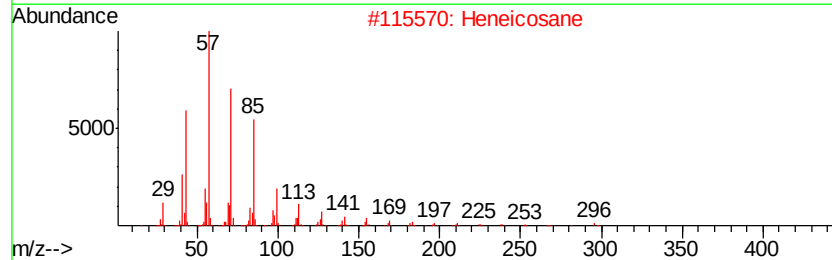
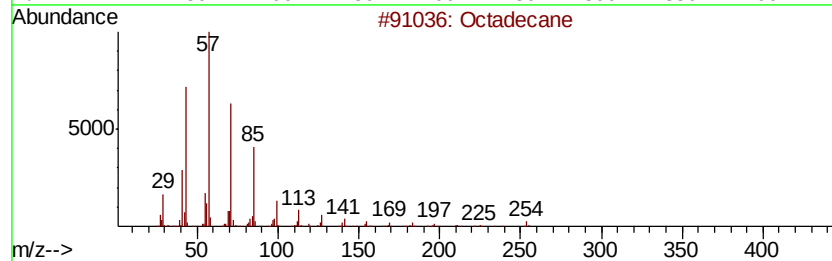
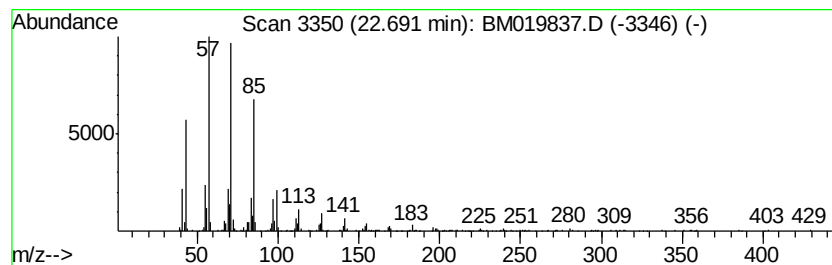
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	6.38 ng/ul	473630	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	87
5			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019837.D
Acq On : 09 Apr 2019 20:29
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Sample : K2255-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

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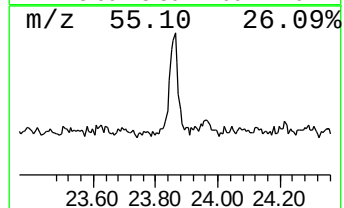
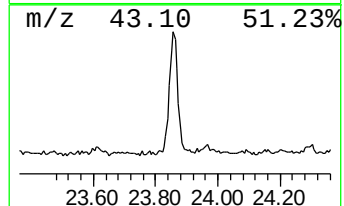
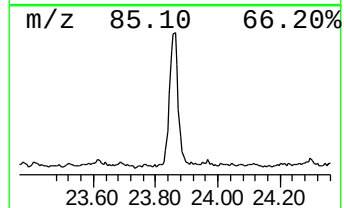
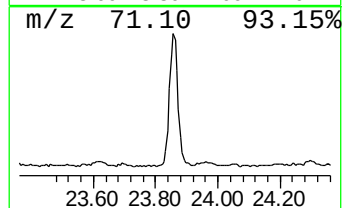
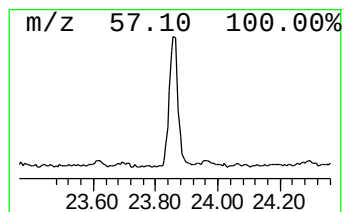
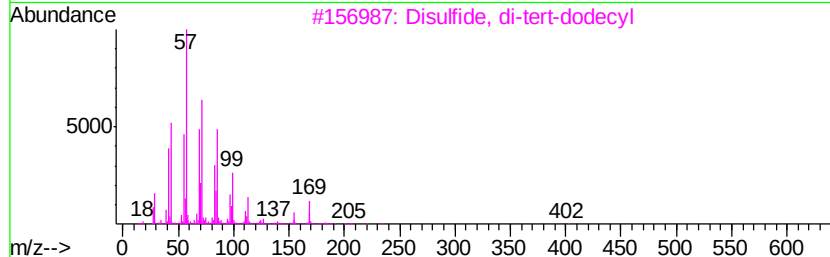
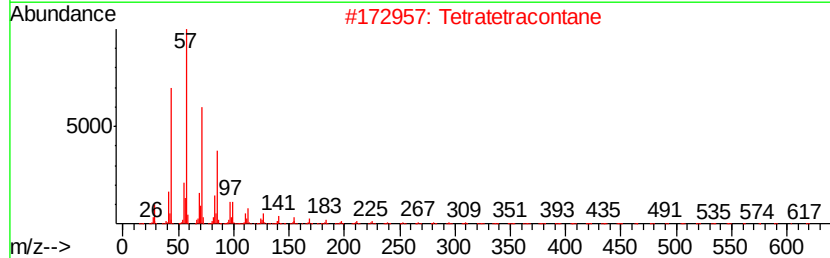
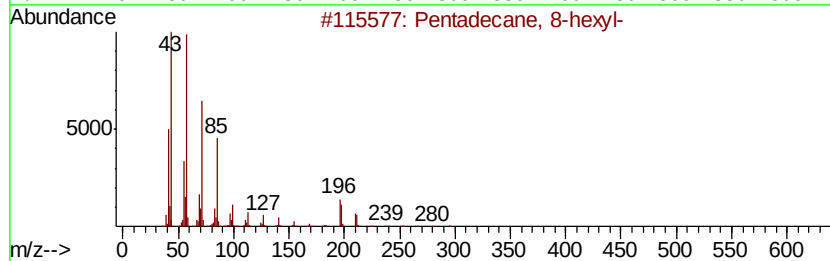
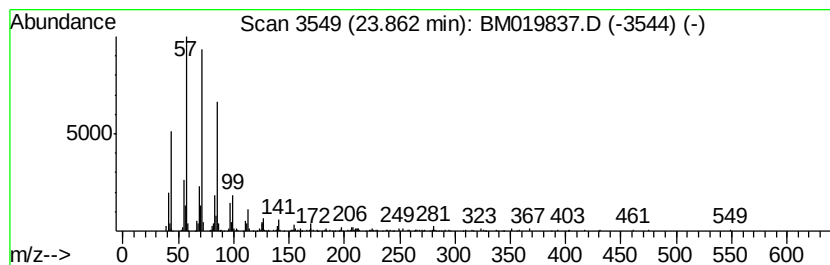
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	6.81 ng/ul	505346	Perylene-d12	23.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
2			Tetratetracontane	619	C44H90	007098-22-8	83
3			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	78
4			Octacosane	394	C28H58	000630-02-4	74
5			Heptacosane	380	C27H56	000593-49-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019837.D
Acq On : 09 Apr 2019 20:29
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Sample : K2255-16
Misc :
ALS Vial : 11 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
Dodecanoic acid	14.65	2.2	ng/ul	119795	3	14.22	1093940	20.0
n-Hexadecanoic acid	17.87	5.8	ng/ul	336617	4	16.98	1166360	20.0
Octadecanoic acid	19.16	2.1	ng/ul	149409	5	21.20	1405540	20.0
(DEL) Alkane: Cyc...	20.89	2.6	ng/ul	183025	5	21.20	1405540	20.0
(DEL) Alkane: Str...	21.75	2.3	ng/ul	158168	5	21.20	1405540	20.0
(DEL) Alkane: Str...	22.20	4.5	ng/ul	316970	5	21.20	1405540	20.0
4,9,13,17-Tetrame...	22.32	9.8	ng/ul	723371	6	23.40	1483990	20.0
(DEL) Alkane: Str...	22.69	6.4	ng/ul	473630	6	23.40	1483990	20.0
(DEL) Alkane: Str...	23.86	6.8	ng/ul	505346	6	23.40	1483990	20.0