

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019842.D
 Acq On : 09 Apr 2019 23:35
 Operator : JU/SJ
 Sample : K2273-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC69

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	31	rVB2	14517	25372	1.67%	0.152%
2	3.804	136	139	144	rVV5	5145	7904	0.52%	0.047%
3	3.857	146	148	149	rVB	2949	1591	0.10%	0.010%
4	3.951	162	164	165	rBV2	3313	1937	0.13%	0.012%
5	4.140	194	196	198	rVB2	2499	2287	0.15%	0.014%
6	4.434	243	246	248	rBV3	2659	3488	0.23%	0.021%
7	4.710	289	293	297	rVV	4470	7478	0.49%	0.045%
8	5.251	382	385	388	rBV5	1860	3011	0.20%	0.018%
9	5.475	420	423	426	rBV4	1270	1667	0.11%	0.010%
10	5.581	438	441	443	rBV3	1791	1705	0.11%	0.010%
11	5.810	475	480	482	rBV5	1721	2348	0.15%	0.014%
12	6.051	518	521	523	rBV3	1970	2419	0.16%	0.014%
13	6.240	550	553	555	rBV2	1525	1868	0.12%	0.011%
14	6.281	558	560	562	rBV2	1978	1683	0.11%	0.010%
15	6.410	580	582	587	rVB4	1186	1639	0.11%	0.010%
16	6.757	635	641	657	rBV	140486	338869	22.24%	2.024%
17	6.916	662	668	685	rVV	132852	267446	17.56%	1.597%
18	7.092	692	698	710	rBV	213893	372479	24.45%	2.225%
19	7.204	715	717	719	rVV3	2297	1563	0.10%	0.009%
20	7.557	771	777	787	rBV	405424	679656	44.61%	4.059%
21	7.716	801	804	806	rBV3	1666	1903	0.12%	0.011%
22	7.757	810	811	816	rVB3	1564	1624	0.11%	0.010%
23	7.992	850	851	856	rVB3	1488	1737	0.11%	0.010%
24	8.286	895	901	918	rBV2	187722	393517	25.83%	2.350%
25	8.733	970	977	989	rBV	154557	309930	20.34%	1.851%
26	9.039	1024	1029	1036	rVB	13297	18412	1.21%	0.110%
27	9.128	1041	1044	1046	rVB	1852	1697	0.11%	0.010%
28	9.316	1074	1076	1079	rBV2	1427	2063	0.14%	0.012%
29	9.445	1092	1098	1119	rVB	128907	268792	17.64%	1.605%
30	9.586	1119	1122	1123	rBV	1596	1824	0.12%	0.011%
31	9.986	1184	1190	1210	rBV	148619	375059	24.62%	2.240%
32	10.333	1241	1249	1268	rBV	526630	897999	58.95%	5.364%
33	10.516	1273	1280	1295	rBV	123090	333313	21.88%	1.991%
34	10.639	1297	1301	1307	rVB5	7191	15199	1.00%	0.091%

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35	10.963	1353	1356	1359	rBV2	2509	3489	0.23%	0.021%
36	13.010	1701	1704	1708	rVB2	1342	1964	0.13%	0.012%
37	13.645	1806	1812	1816	rBV	337939	539290	35.40%	3.221%
38	13.692	1816	1820	1831	rVV	102693	174730	11.47%	1.044%
39	13.910	1851	1857	1871	rBV	415745	635668	41.73%	3.797%
40	14.133	1886	1895	1904	rBV	21810	65852	4.32%	0.393%
41	14.221	1904	1910	1920	rVB2	664341	1031470	67.71%	6.161%
42	14.315	1925	1926	1930	rVB3	2163	1555	0.10%	0.009%
43	14.363	1930	1934	1938	rVB4	1249	2344	0.15%	0.014%
44	14.433	1942	1946	1948	rBV3	1810	1666	0.11%	0.010%
45	14.557	1959	1967	1968	rBV3	13391	22963	1.51%	0.137%
46	14.657	1980	1984	1991	rVV5	17057	29174	1.92%	0.174%
47	14.721	1994	1995	2000	rVB3	3354	3705	0.24%	0.022%
48	14.792	2005	2007	2012	rVB4	2677	3945	0.26%	0.024%
49	15.010	2041	2044	2047	rBV3	1724	2254	0.15%	0.013%
50	15.063	2050	2053	2057	rVB2	3910	4307	0.28%	0.026%
51	15.168	2068	2071	2074	rVB2	1619	1905	0.13%	0.011%
52	15.221	2074	2080	2092	rBV	477124	786139	51.60%	4.695%
53	15.398	2107	2110	2119	rVV2	31042	61491	4.04%	0.367%
54	15.462	2119	2121	2127	rVB3	6989	9201	0.60%	0.055%
55	15.621	2145	2148	2152	rVB4	2927	4349	0.29%	0.026%
56	15.927	2197	2200	2204	rBV3	2590	3473	0.23%	0.021%
57	16.004	2212	2213	2219	rVB2	1873	2120	0.14%	0.013%
58	16.392	2276	2279	2280	rBV	3473	4144	0.27%	0.025%
59	16.404	2280	2281	2287	rVV3	4897	4959	0.33%	0.030%
60	16.568	2307	2309	2314	rVB2	1808	2303	0.15%	0.014%
61	16.756	2337	2341	2343	rVV4	3632	5703	0.37%	0.034%
62	16.804	2347	2349	2353	rVV2	1832	2006	0.13%	0.012%
63	16.857	2356	2358	2361	rBV4	1587	1538	0.10%	0.009%
64	16.898	2361	2365	2368	rVB5	1439	2225	0.15%	0.013%
65	16.980	2373	2379	2386	rBV	781903	1123811	73.77%	6.712%
66	17.080	2390	2396	2409	rVV	522175	802249	52.66%	4.792%
67	17.333	2435	2439	2440	rBV	2155	2451	0.16%	0.015%
68	17.362	2440	2444	2450	rVV5	3995	6139	0.40%	0.037%
69	17.415	2450	2453	2455	rVV2	1645	2243	0.15%	0.013%
70	17.439	2455	2457	2458	rVV2	3248	2165	0.14%	0.013%
71	17.456	2458	2460	2465	rVV3	3182	4415	0.29%	0.026%

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72	17.504	2465	2468	2470	rVV4	2157	2960	0.19%	0.018%
73	17.545	2474	2475	2479	rVV3	1771	1848	0.12%	0.011%
74	17.574	2479	2480	2485	rVV3	1691	1931	0.13%	0.012%
75	17.651	2488	2493	2494	rBV3	2919	3249	0.21%	0.019%
76	17.715	2499	2504	2507	rBV3	3724	5527	0.36%	0.033%
77	17.751	2507	2510	2513	rVB3	3165	4480	0.29%	0.027%
78	17.774	2513	2514	2517	rBV3	2204	1821	0.12%	0.011%
79	17.874	2526	2531	2539	rBV2	82444	151974	9.98%	0.908%
80	18.151	2575	2578	2579	rBV3	3108	3731	0.24%	0.022%
81	18.209	2587	2588	2590	rBV2	3705	2704	0.18%	0.016%
82	18.374	2614	2616	2619	rVB4	2124	2159	0.14%	0.013%
83	18.403	2619	2621	2623	rBV3	1936	2027	0.13%	0.012%
84	18.980	2717	2719	2720	rBV2	3373	1938	0.13%	0.012%
85	19.027	2724	2727	2728	rVV2	10203	10671	0.70%	0.064%
86	19.062	2729	2733	2738	rVB	18168	30991	2.03%	0.185%
87	19.162	2747	2750	2759	rBV3	40878	67778	4.45%	0.405%
88	19.274	2767	2769	2771	rBV3	5154	3952	0.26%	0.024%
89	19.392	2784	2789	2799	rBV	692880	972342	63.83%	5.808%
90	19.627	2825	2829	2838	rBV	107871	181099	11.89%	1.082%
91	19.762	2850	2852	2855	rBV4	7756	7728	0.51%	0.046%
92	20.327	2945	2948	2952	rBV2	26754	37548	2.46%	0.224%
93	20.892	3040	3044	3050	rBV4	70972	104441	6.86%	0.624%
94	21.192	3090	3095	3100	rBV	1086386	1474377	96.78%	8.806%
95	21.321	3115	3117	3122	rVB3	47701	45218	2.97%	0.270%
96	22.197	3262	3266	3274	rVB2	162858	250216	16.42%	1.494%
97	22.686	3345	3349	3354	rVB	234593	336296	22.08%	2.009%
98	23.256	3438	3446	3456	rVB3	622500	1523417	100.00%	9.099%
99	23.397	3464	3470	3478	rVB	809422	1497868	98.32%	8.946%
100	23.856	3544	3548	3553	rVB	208358	303393	19.92%	1.812%

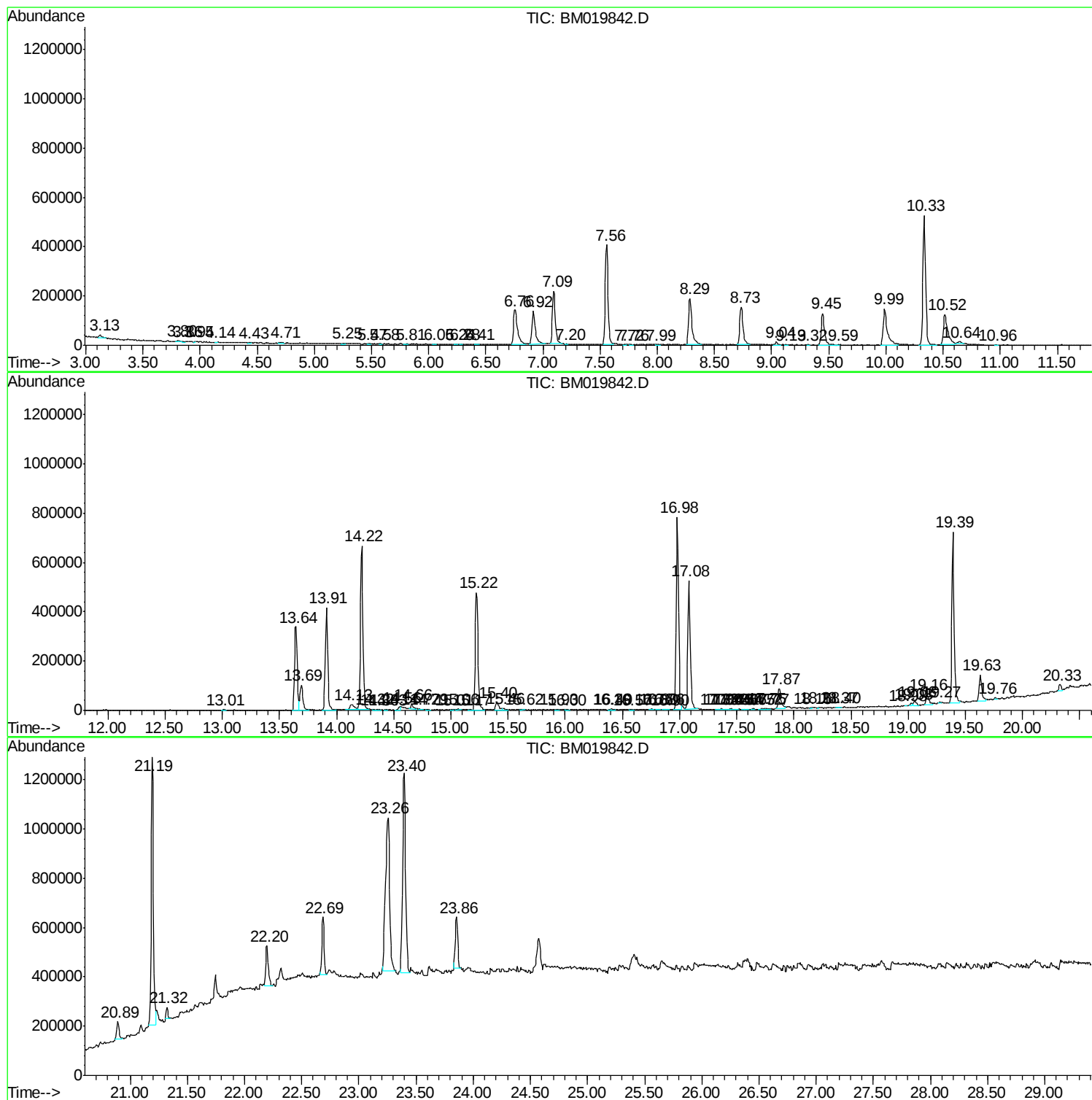
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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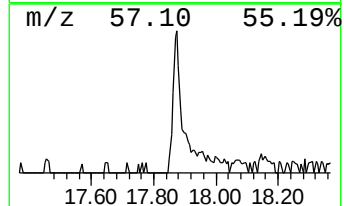
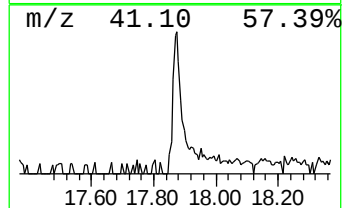
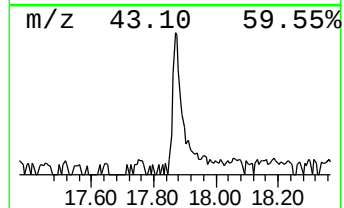
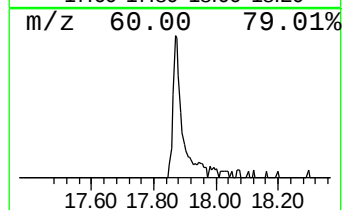
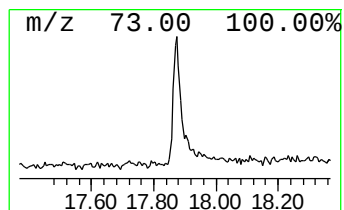
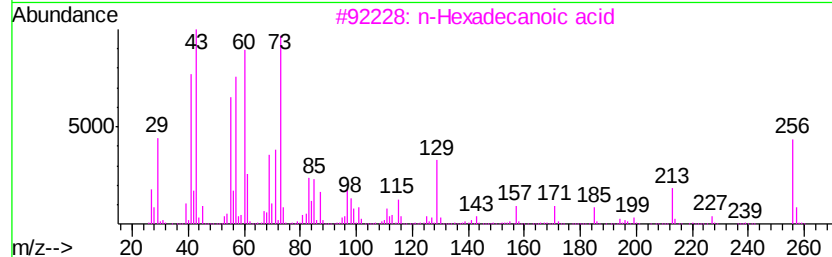
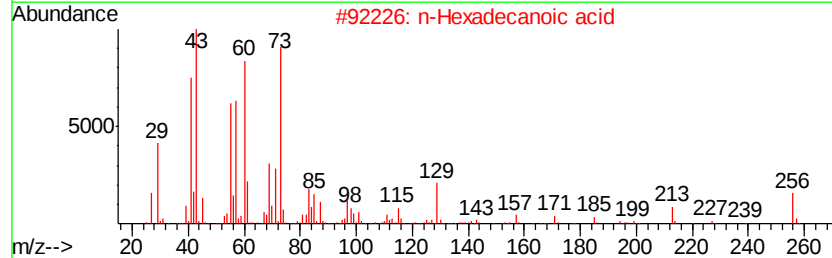
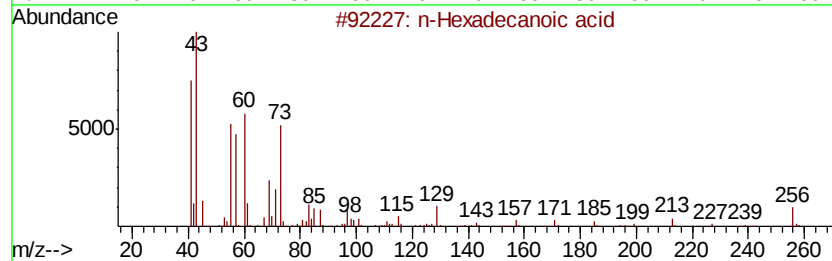
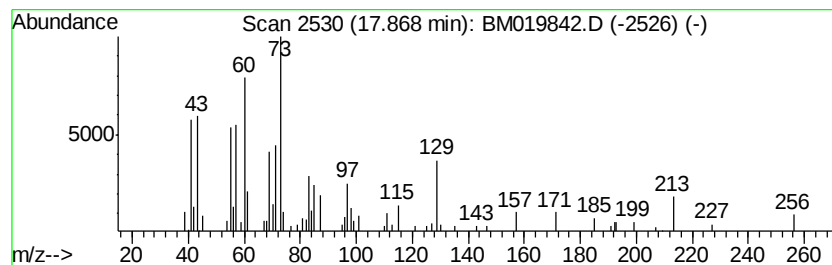
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.87	2.70 ng/ul	151974	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59	



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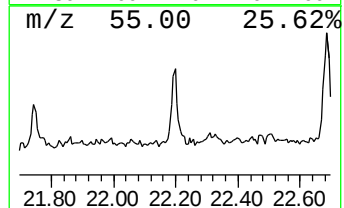
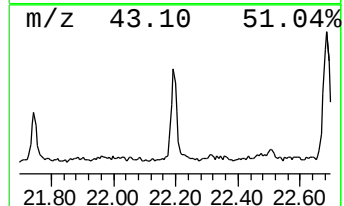
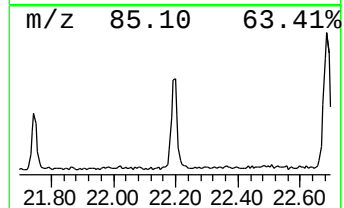
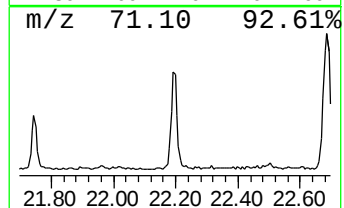
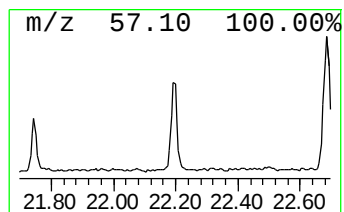
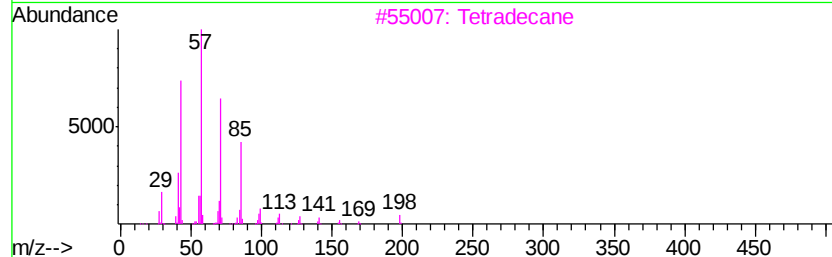
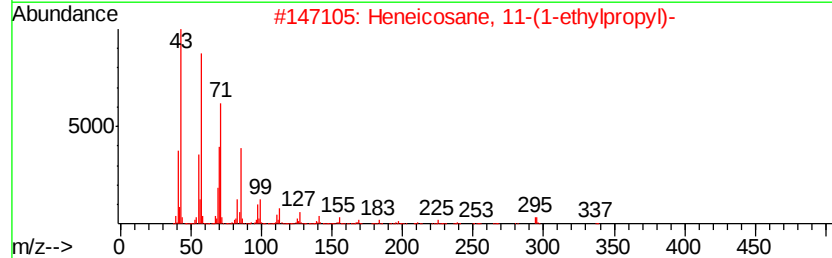
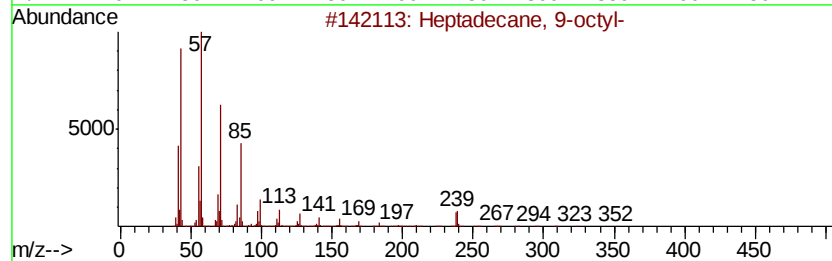
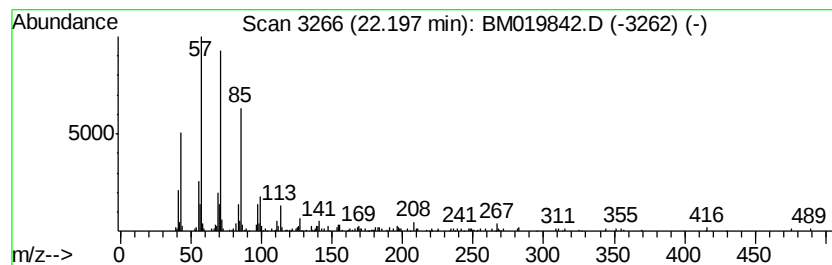
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.39 ng/ul	250216	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Octacosane	394	C28H58	000630-02-4	81
5		Eicosane	282	C20H42	000112-95-8	81



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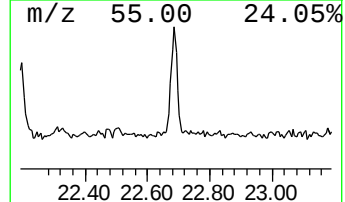
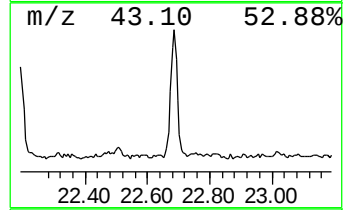
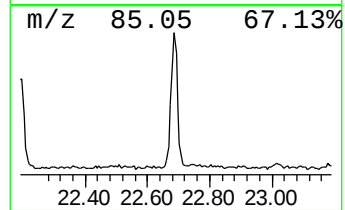
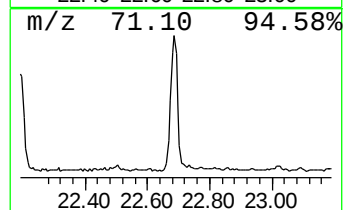
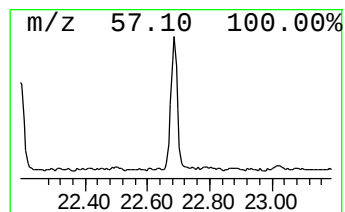
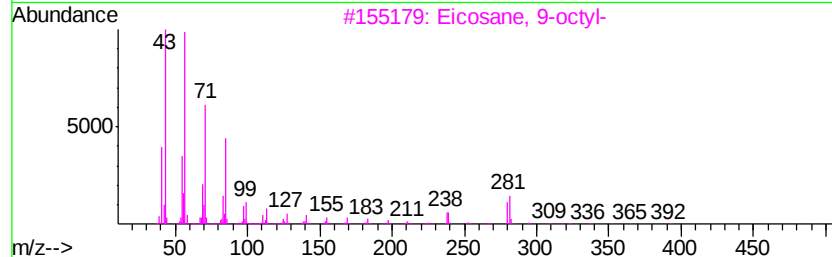
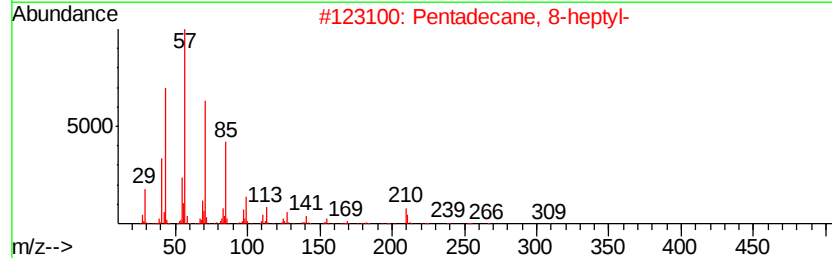
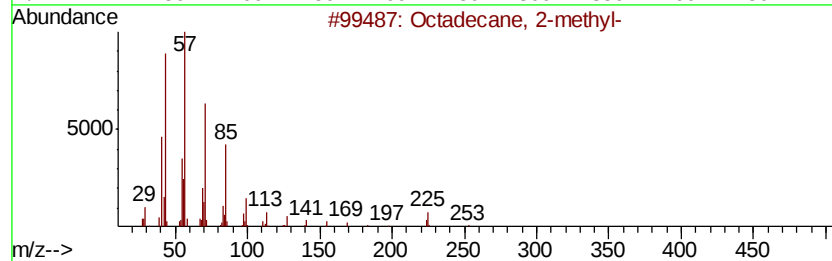
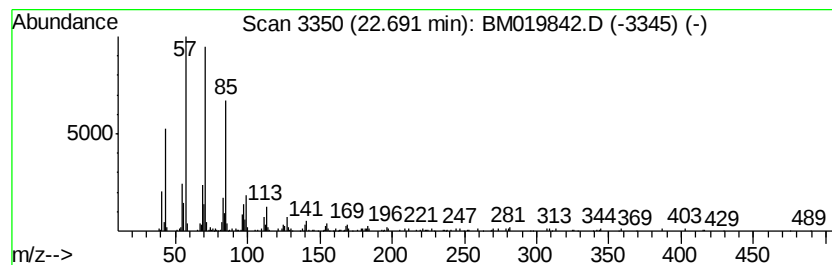
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.49 ng/ul	336296	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
4		Docosane, 5-butyl-	366	C26H54	055282-16-1	90
5		Nonacosane	408	C29H60	000630-03-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019842.D
Acq On : 09 Apr 2019 23:35
Operator : JU/SJ
Sample : K2273-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC69

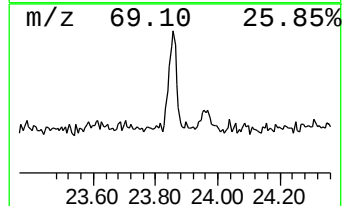
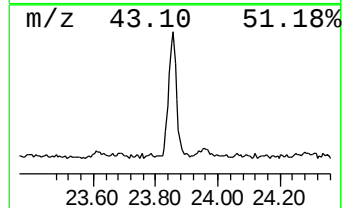
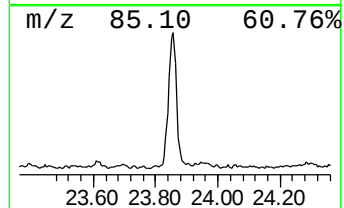
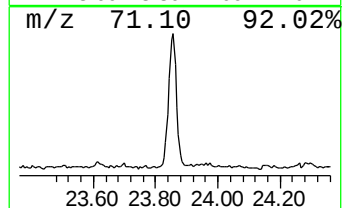
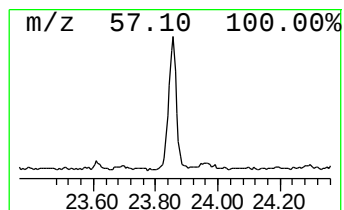
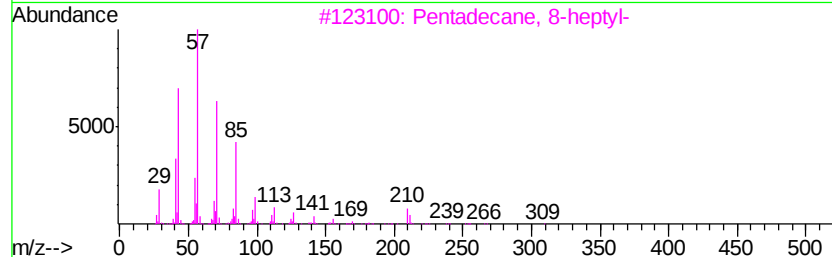
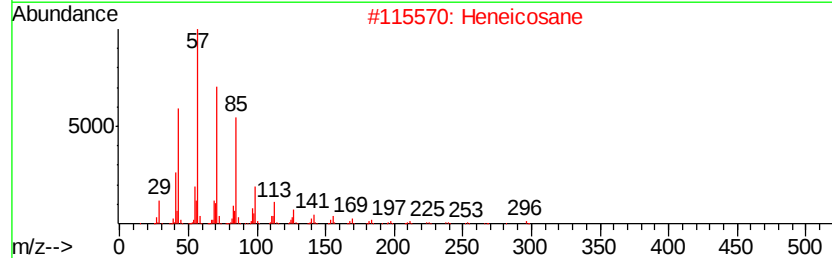
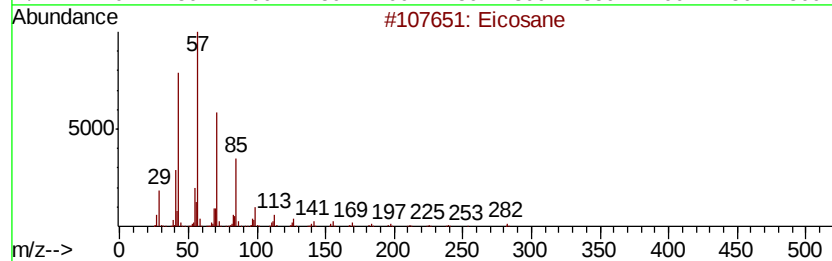
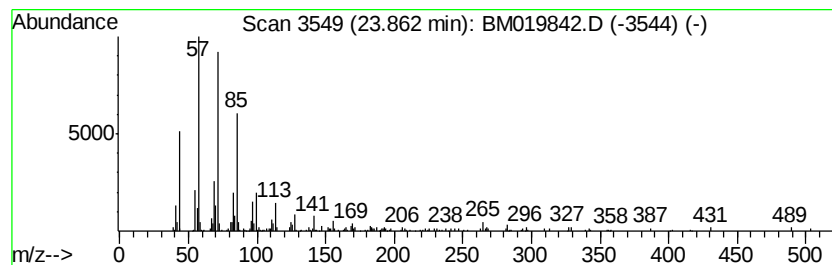
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Quant Title : SVOA CALIBRATION

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.
23.86	4.05 ng/ul	303393	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Heneicosane	296	C21H44	000629-94-7	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4		2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	86
5		Undecane, 5-methyl-	170	C12H26	001632-70-8	72



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Instrument :
BNA_M
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	2.7	ng/ul	151974	4	16.98	1123810	20.0
(DEL) Alkane: Str...	22.20	3.4	ng/ul	250216	5	21.19	1474380	20.0
(DEL) Alkane: Str...	22.69	4.5	ng/ul	336296	6	23.40	1497870	20.0
(DEL) Alkane: Str...	23.86	4.0	ng/ul	303393	6	23.40	1497870	20.0