

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
 Data File : BM019838.D
 Acq On : 09 Apr 2019 21:05
 Operator : JU/SJ
 Sample : K2255-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFC50

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	28	rVB	33002	48937	2.92%	0.246%
2	3.904	155	156	158	rBV2	5043	3369	0.20%	0.017%
3	3.922	158	159	161	rVB2	3409	1842	0.11%	0.009%
4	4.110	189	191	192	rBV	2786	2392	0.14%	0.012%
5	4.704	287	292	295	rBV4	5587	9962	0.59%	0.050%
6	5.051	349	351	356	rVB3	2098	3420	0.20%	0.017%
7	5.110	356	361	369	rBV6	2371	5576	0.33%	0.028%
8	5.963	502	506	509	rBV2	1986	2452	0.15%	0.012%
9	6.669	622	626	627	rBV3	1500	2213	0.13%	0.011%
10	6.751	634	640	655	rBV	164343	376065	22.44%	1.888%
11	6.910	660	667	683	rBV	158086	312223	18.63%	1.568%
12	7.092	692	698	714	rVB	248260	430752	25.70%	2.163%
13	7.281	727	730	732	rBV2	1934	2311	0.14%	0.012%
14	7.410	749	752	756	rBV3	1257	1989	0.12%	0.010%
15	7.557	770	777	786	rBV	429329	727406	43.40%	3.653%
16	7.922	837	839	842	rBV4	1673	2079	0.12%	0.010%
17	7.963	844	846	850	rVB4	1311	1814	0.11%	0.009%
18	8.281	894	900	918	rBV	229263	464501	27.71%	2.332%
19	8.728	970	976	992	rBV	183971	372256	22.21%	1.869%
20	9.039	1025	1029	1035	rVB	11466	16337	0.97%	0.082%
21	9.263	1065	1067	1070	rBV3	1965	2054	0.12%	0.010%
22	9.445	1092	1098	1110	rBV	155107	305987	18.26%	1.536%
23	9.545	1112	1115	1118	rVB3	2053	1942	0.12%	0.010%
24	9.986	1184	1190	1210	rBV	176137	437969	26.13%	2.199%
25	10.333	1242	1249	1259	rBV	581935	980966	58.52%	4.926%
26	10.433	1263	1266	1270	rVB	1302	1888	0.11%	0.009%
27	10.516	1273	1280	1302	rBV	147361	406540	24.25%	2.041%
28	10.686	1308	1309	1312	rVV3	1876	1933	0.12%	0.010%
29	10.798	1325	1328	1332	rVB3	1574	2171	0.13%	0.011%
30	11.263	1403	1407	1408	rVB	2042	2114	0.13%	0.011%
31	11.398	1428	1430	1433	rVB2	1961	2049	0.12%	0.010%
32	11.975	1521	1528	1535	rBV3	3239	7680	0.46%	0.039%
33	12.374	1594	1596	1602	rBV3	1281	1962	0.12%	0.010%
34	12.539	1622	1624	1626	rBV	1773	1957	0.12%	0.010%

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35	13.010	1701	1704	1710	rVB3	2789	3494	0.21%	0.018%
36	13.333	1754	1759	1760	rBV2	3015	3195	0.19%	0.016%
37	13.445	1776	1778	1783	rBV	1421	1868	0.11%	0.009%
38	13.498	1783	1787	1791	rBV3	4907	6881	0.41%	0.035%
39	13.639	1806	1811	1816	rBV	433222	628299	37.48%	3.155%
40	13.692	1816	1820	1832	rVB	129653	202979	12.11%	1.019%
41	13.798	1836	1838	1841	rVB2	2181	1943	0.12%	0.010%
42	13.910	1850	1857	1866	rBV	495210	756491	45.13%	3.799%
43	14.098	1887	1889	1890	rBV2	3734	3186	0.19%	0.016%
44	14.133	1890	1895	1903	rVV3	19528	56808	3.39%	0.285%
45	14.216	1903	1909	1921	rVV2	735174	1183259	70.59%	5.941%
46	14.310	1924	1925	1929	rVV3	2913	2724	0.16%	0.014%
47	14.368	1933	1935	1937	rBV3	2343	2036	0.12%	0.010%
48	14.486	1951	1955	1958	rBV3	3548	6098	0.36%	0.031%
49	14.539	1958	1964	1970	rBV3	26332	73723	4.40%	0.370%
50	14.663	1981	1985	1992	rVV7	7624	14708	0.88%	0.074%
51	14.716	1992	1994	1997	rVB3	3092	2787	0.17%	0.014%
52	15.010	2039	2044	2049	rBV6	2312	5152	0.31%	0.026%
53	15.057	2049	2052	2056	rVV4	3425	5253	0.31%	0.026%
54	15.221	2074	2080	2094	rBV	594849	936903	55.90%	4.704%
55	15.398	2105	2110	2117	rBV	58351	105263	6.28%	0.529%
56	15.468	2120	2122	2126	rVB2	7046	6037	0.36%	0.030%
57	16.021	2213	2216	2218	rVB2	3341	2783	0.17%	0.014%
58	16.268	2255	2258	2260	rBV2	2279	2370	0.14%	0.012%
59	16.392	2273	2279	2283	rBV3	12157	18876	1.13%	0.095%
60	16.480	2292	2294	2297	rVB4	1980	2171	0.13%	0.011%
61	16.515	2297	2300	2302	rVV2	1350	1868	0.11%	0.009%
62	16.768	2340	2343	2345	rBV2	3578	4628	0.28%	0.023%
63	16.939	2370	2372	2373	rBV2	2689	2240	0.13%	0.011%
64	16.980	2373	2379	2387	rVV	889510	1260517	75.20%	6.329%
65	17.080	2391	2396	2406	rVV2	628161	959345	57.23%	4.817%
66	17.157	2406	2409	2413	rVB3	5879	9839	0.59%	0.049%
67	17.262	2425	2427	2433	rVB6	2270	4277	0.26%	0.021%
68	17.362	2441	2444	2446	rBV4	2528	3041	0.18%	0.015%
69	17.433	2452	2456	2458	rVB2	3073	3900	0.23%	0.020%
70	17.457	2458	2460	2463	rBV3	3097	4309	0.26%	0.022%
71	17.504	2465	2468	2469	rVV2	1874	2298	0.14%	0.012%

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72	17.545	2473	2475	2476	rVB2	3370	2120	0.13%	0.011%
73	17.586	2481	2482	2485	rVB3	3389	2179	0.13%	0.011%
74	17.745	2504	2509	2515	rBV4	21547	35882	2.14%	0.180%
75	17.804	2517	2519	2524	rVB5	2239	3601	0.21%	0.018%
76	17.874	2524	2531	2541	rBV	127554	239091	14.26%	1.201%
77	17.945	2541	2543	2548	rVB2	8580	12389	0.74%	0.062%
78	18.080	2564	2566	2569	rVB4	2695	2003	0.12%	0.010%
79	18.121	2569	2573	2575	rVB4	3135	4044	0.24%	0.020%
80	18.156	2575	2579	2582	rBV6	4197	5775	0.34%	0.029%
81	18.198	2584	2586	2587	rBV2	2393	1850	0.11%	0.009%
82	18.256	2592	2596	2598	rVB5	3955	5009	0.30%	0.025%
83	18.374	2615	2616	2619	rBV3	2443	2571	0.15%	0.013%
84	18.439	2622	2627	2633	rVB7	7581	13990	0.83%	0.070%
85	18.551	2644	2646	2647	rBV2	2743	2650	0.16%	0.013%
86	18.621	2655	2658	2660	rBV4	3216	4417	0.26%	0.022%
87	18.974	2716	2718	2719	rBV2	4172	2924	0.17%	0.015%
88	19.051	2722	2731	2739	rBV8	22199	78339	4.67%	0.393%
89	19.168	2746	2751	2760	rBV4	39415	75184	4.49%	0.378%
90	19.392	2783	2789	2799	rBV	782465	1089546	65.00%	5.471%
91	19.627	2825	2829	2839	rBV	157716	264518	15.78%	1.328%
92	20.892	3041	3044	3050	rBV3	80863	108512	6.47%	0.545%
93	21.192	3090	3095	3101	rBV	1151702	1647001	98.26%	8.270%
94	21.744	3187	3189	3193	rVB	84400	85439	5.10%	0.429%
95	22.197	3263	3266	3275	rVB	199676	256488	15.30%	1.288%
96	22.321	3283	3287	3293	rVB	440128	570759	34.05%	2.866%
97	22.686	3346	3349	3355	rVB	283111	383040	22.85%	1.923%
98	23.256	3438	3446	3458	rVB3	712464	1676162	100.00%	8.416%
99	23.397	3465	3470	3480	rVB	852454	1642996	98.02%	8.250%
100	23.856	3544	3548	3557	rVB	266921	460112	27.45%	2.310%

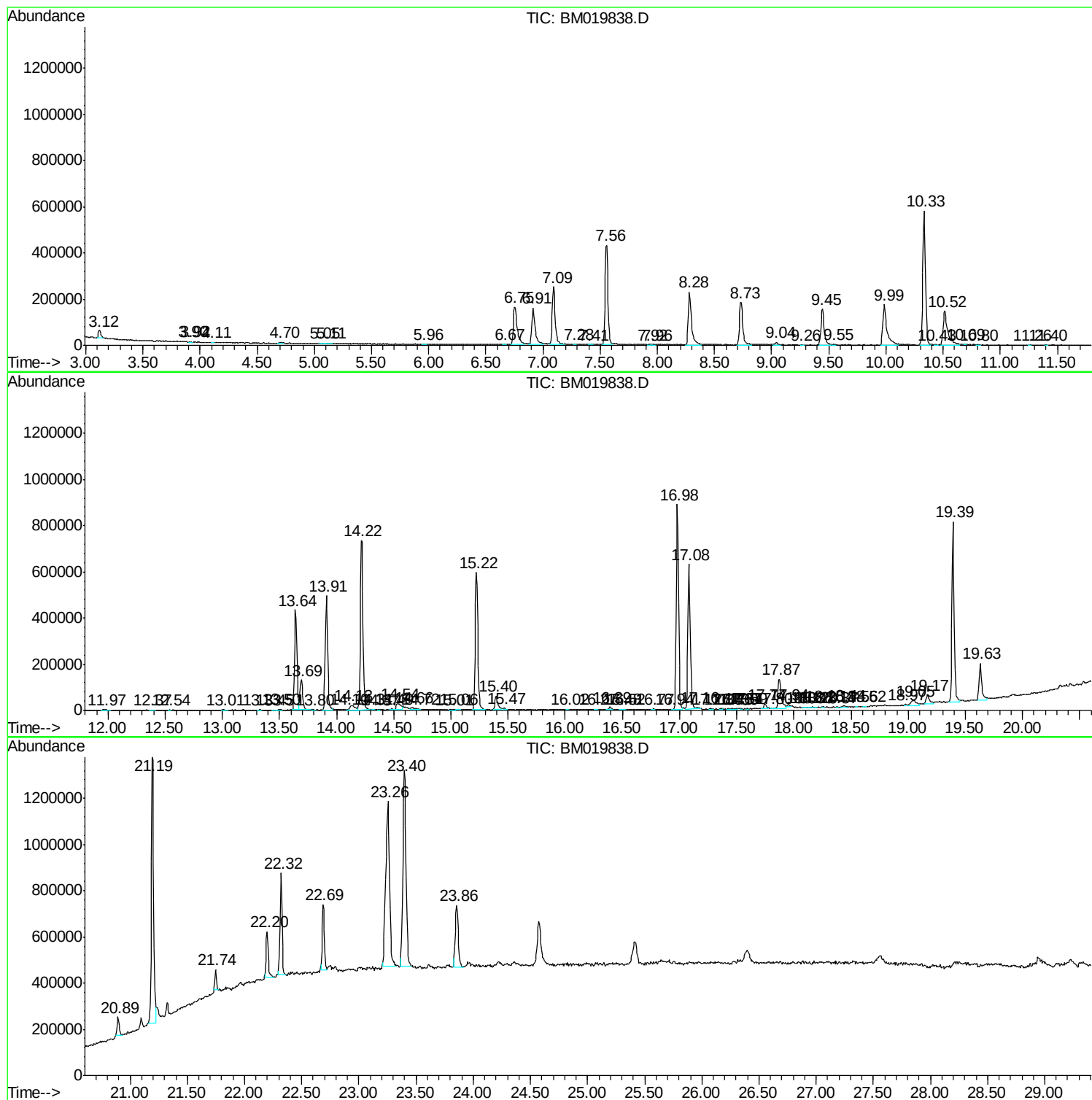
Sum of corrected areas: 19915248

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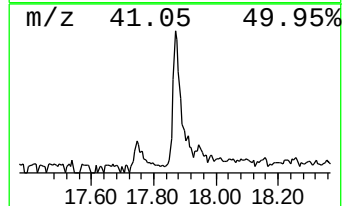
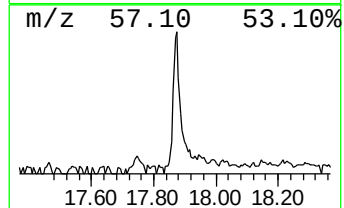
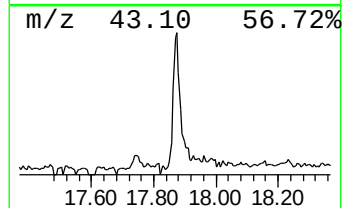
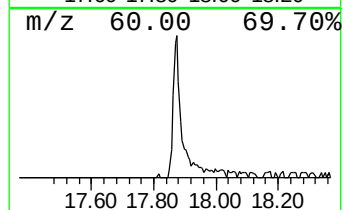
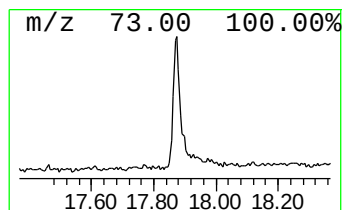
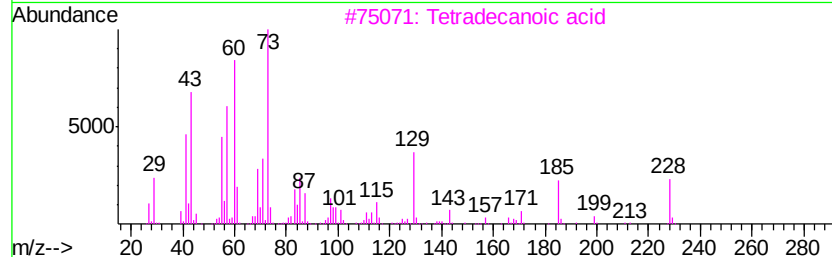
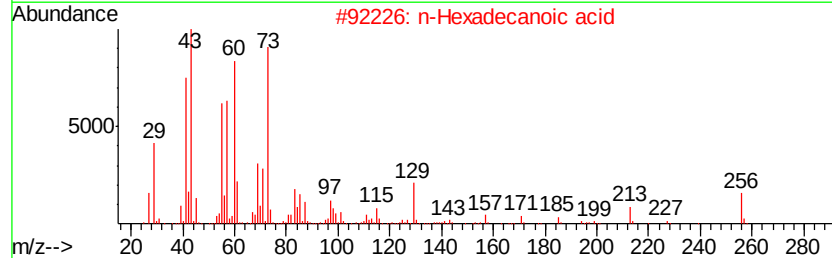
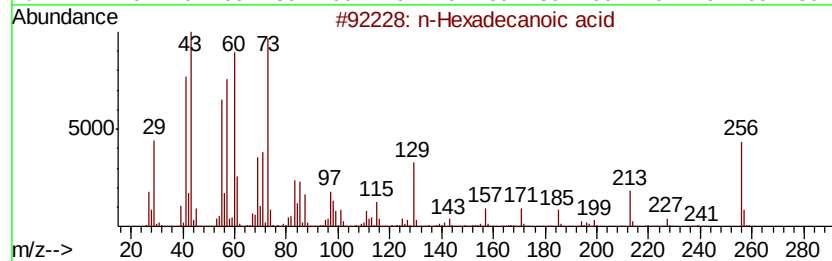
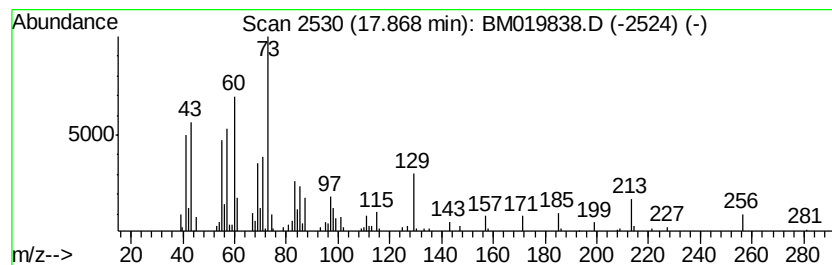
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION

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	3.79 ng/ul	239091	Phenanthrene-d10		16.98	
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		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Pentadecane	212	C15H32	000629-62-9	18



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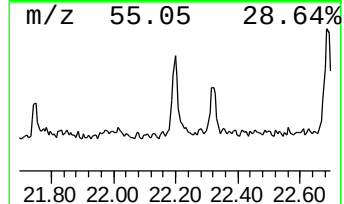
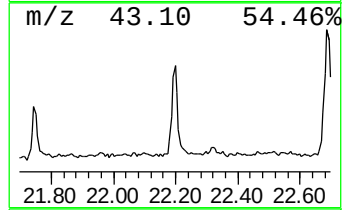
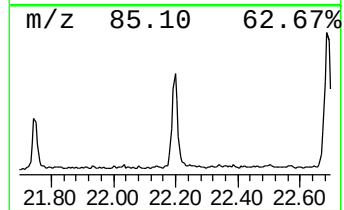
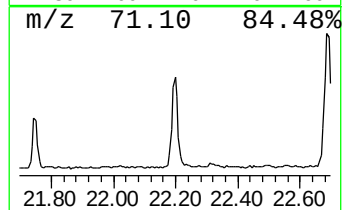
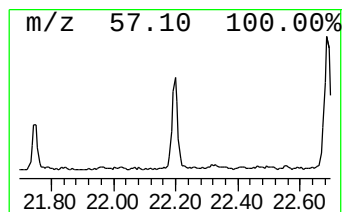
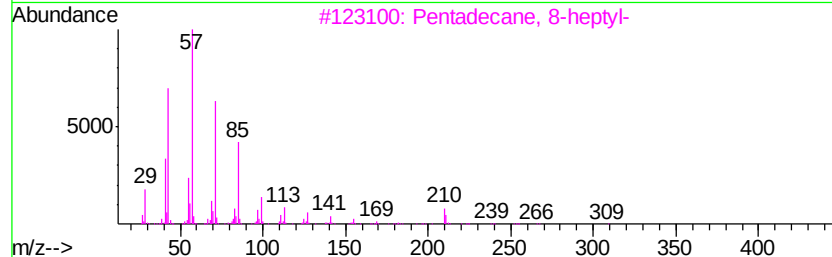
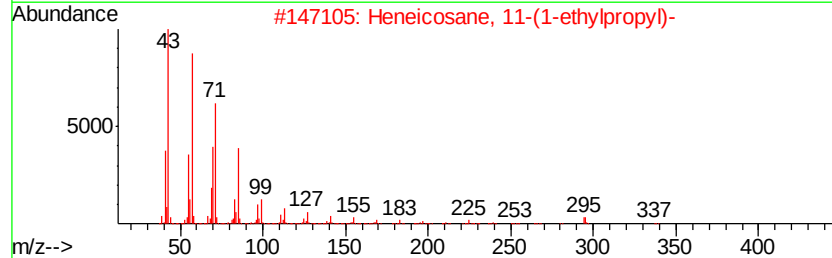
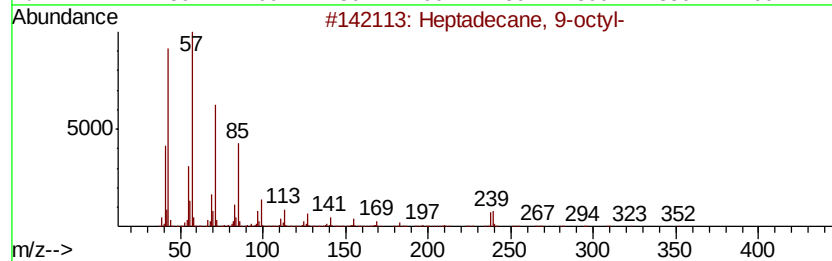
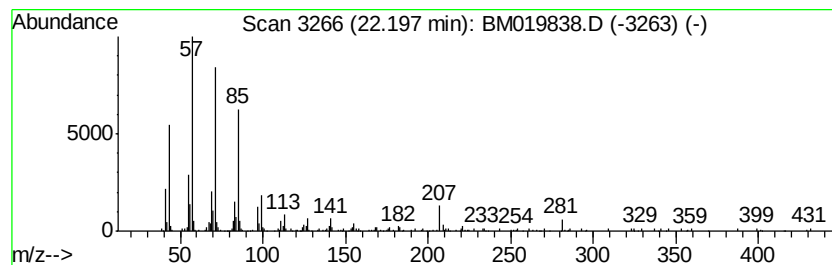
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.11 ng/ul	256488	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	83
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	81
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	80



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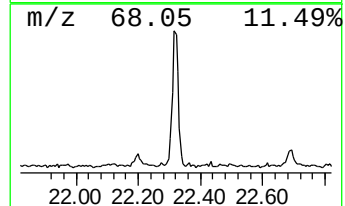
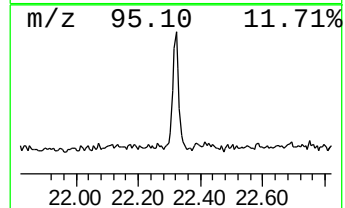
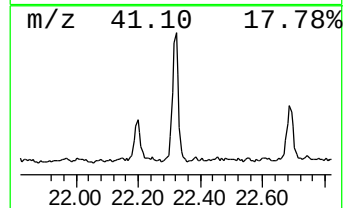
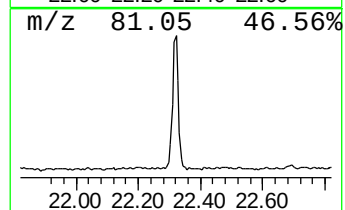
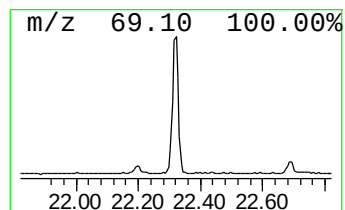
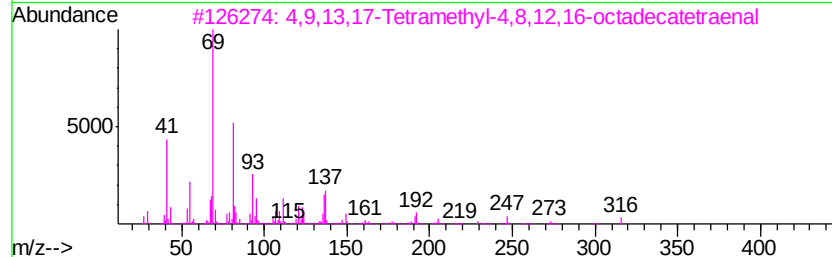
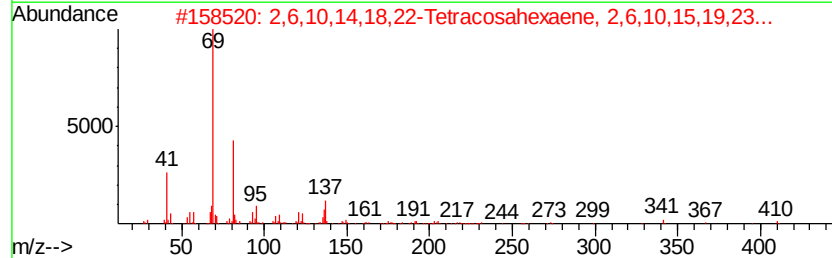
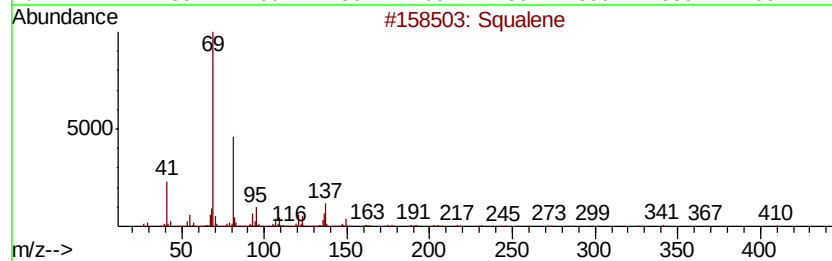
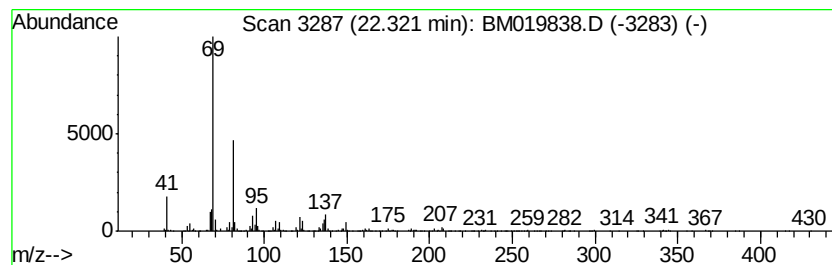
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Peak Number 4 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	6.95 ng/ul	570759	Perylene-d12	23.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 90
2	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 86
3	4,9,13,17-Tetramethyl-4,8,12,16-...		316 C22H36O	056882-09-8 78
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 78
5	Farnesol isomer a		222 C15H26O	1000108-92-4 72



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Acq On : 09 Apr 2019 21:05
Operator : JU/SJ
Sample : K2255-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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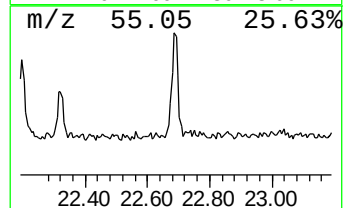
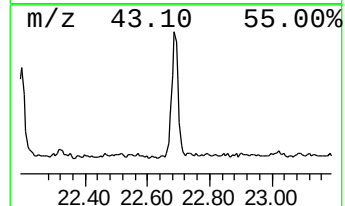
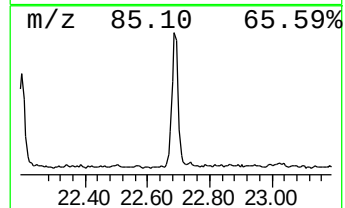
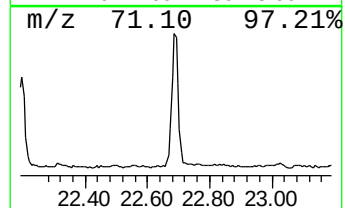
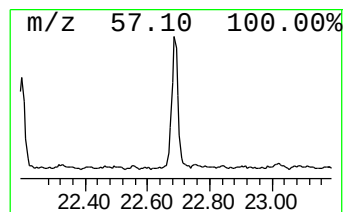
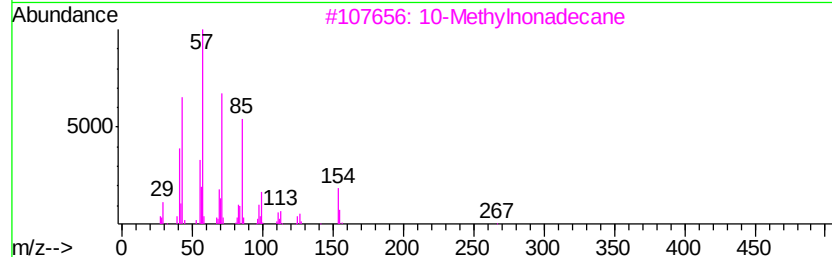
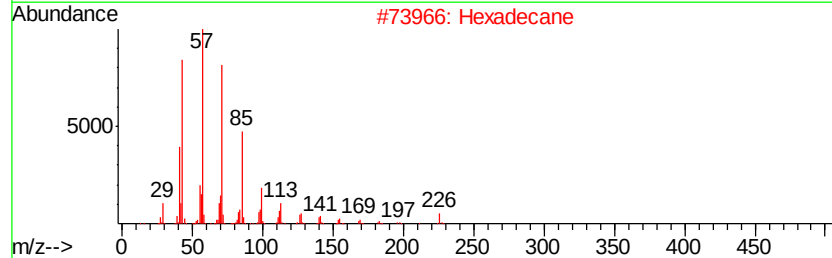
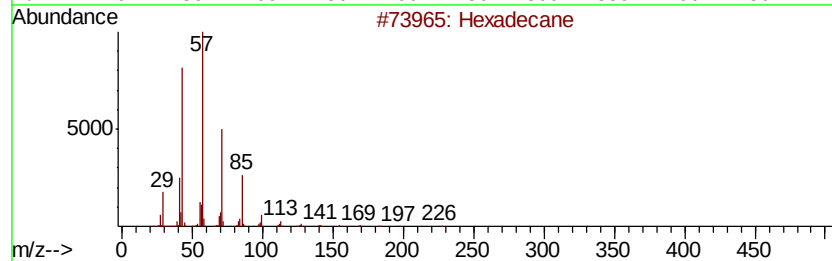
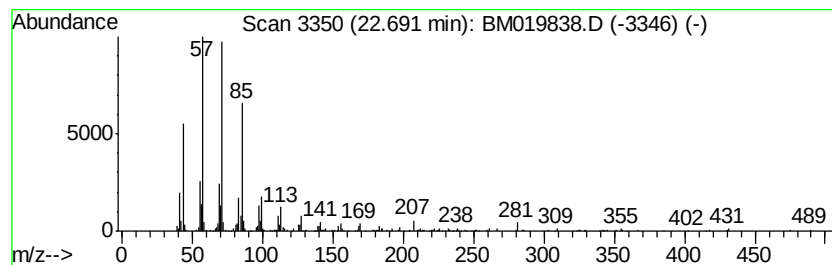
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	4.66 ng/ul	383040	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Hexadecane	226	C16H34	000544-76-3	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptacosane	380	C27H56	000593-49-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040919\
Data File : BM019838.D
Acq On : 09 Apr 2019 21:05
Operator : JU/SJ
Sample : K2255-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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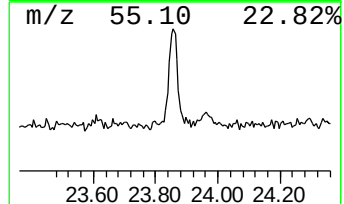
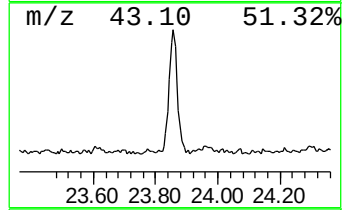
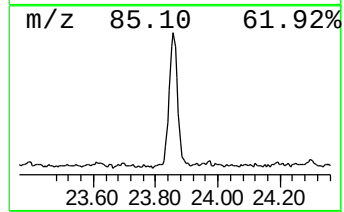
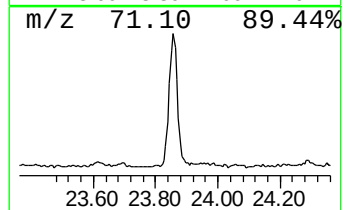
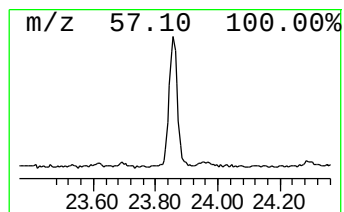
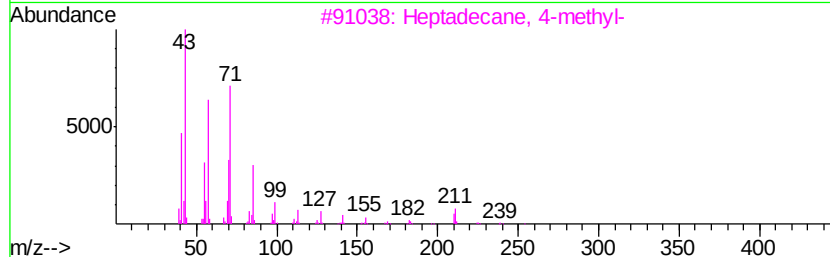
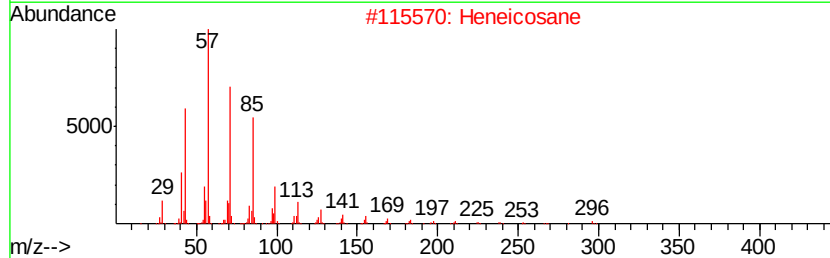
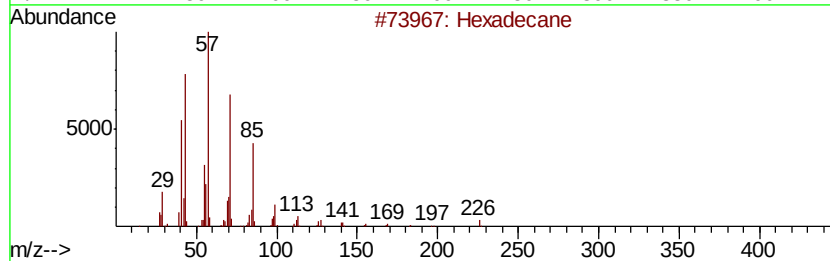
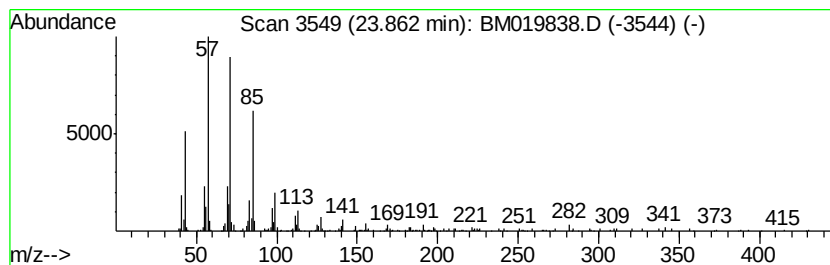
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.60 ng/ul	460112	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
4		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040919\
Data File : BM019838.D
Acq On : 09 Apr 2019 21:05
Operator : JU/SJ
Sample : K2255-23
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFC50

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	3.8	ng/ul	239091	4	16.98	1260520	20.0
(DEL) Alkane: Str...	22.20	3.1	ng/ul	256488	5	21.19	1647000	20.0
Squalene	22.32	7.0	ng/ul	570759	6	23.40	1643000	20.0
(DEL) Alkane: Str...	22.69	4.7	ng/ul	383040	6	23.40	1643000	20.0
(DEL) Alkane: Str...	23.86	5.6	ng/ul	460112	6	23.40	1643000	20.0