

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021722.D
 Acq On : 30 Jul 2019 09:06
 Operator : HP/JU
 Sample : K3863-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F4

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-BM072619MA.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	3.928	157	160	169	rVB	84704	116322	3.51%	0.287%
2	6.852	652	657	669	rVB	353225	603234	18.18%	1.489%
3	7.028	682	687	695	rBV	209939	350582	10.57%	0.865%
4	7.210	713	718	727	rVB	375748	611745	18.44%	1.510%
5	7.675	791	797	808	rVB	490502	765102	23.06%	1.888%
6	8.387	912	918	929	rVB	452125	768524	23.16%	1.897%
7	8.840	989	995	1003	rVB	340037	555494	16.74%	1.371%
8	9.363	1081	1084	1092	rVB3	21800	32223	0.97%	0.080%
9	9.551	1111	1116	1123	rVV	265242	440608	13.28%	1.087%
10	9.616	1124	1127	1133	rVB4	27616	39947	1.20%	0.099%
11	10.087	1200	1207	1224	rVB	521215	984956	29.69%	2.431%
12	10.316	1242	1246	1250	rBV4	7940	14227	0.43%	0.035%
13	10.457	1263	1270	1277	rVB	676095	1137239	34.28%	2.807%
14	10.616	1292	1297	1313	rVB	119948	307035	9.25%	0.758%
15	11.716	1482	1484	1490	rVB5	6461	10244	0.31%	0.025%
16	12.045	1534	1540	1541	rBV5	7617	9060	0.27%	0.022%
17	12.369	1589	1595	1599	rBV6	10094	19162	0.58%	0.047%
18	12.592	1628	1633	1637	rBV6	6345	12016	0.36%	0.030%
19	12.639	1637	1641	1646	rVB4	7689	14027	0.42%	0.035%
20	12.728	1653	1656	1661	rVB6	7993	13389	0.40%	0.033%
21	12.828	1668	1673	1676	rBV6	6984	13772	0.42%	0.034%
22	12.963	1691	1696	1702	rBV8	4711	10835	0.33%	0.027%
23	13.063	1707	1713	1717	rBV6	9723	16954	0.51%	0.042%
24	13.116	1717	1722	1725	rBV7	6268	11836	0.36%	0.029%
25	13.186	1731	1734	1736	rBV3	7120	8928	0.27%	0.022%
26	13.357	1759	1763	1768	rVB8	6548	11883	0.36%	0.029%
27	13.680	1812	1818	1821	rBV6	7866	15046	0.45%	0.037%
28	13.739	1822	1828	1833	rBV	1056663	1481507	44.65%	3.656%
29	13.786	1833	1836	1841	rVB	236988	311259	9.38%	0.768%
30	13.892	1849	1854	1858	rVB6	6061	11274	0.34%	0.028%
31	14.016	1868	1875	1885	rVV	1227348	1852365	55.83%	4.572%
32	14.080	1885	1886	1892	rVV6	7625	10905	0.33%	0.027%
33	14.133	1892	1895	1898	rVB3	6773	9403	0.28%	0.023%
34	14.210	1903	1908	1913	rVB7	7266	13516	0.41%	0.033%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Title : SVOA CALIBRATION

35	14.322	1919	1927	1933	rVV	1087718	1588710	47.88%	3.921%
36	14.386	1933	1938	1944	rVV	47776	85450	2.58%	0.211%
37	14.557	1958	1967	1977	rBV	217466	465636	14.03%	1.149%
38	14.727	1991	1996	2000	rVV3	37937	67417	2.03%	0.166%
39	14.769	2001	2003	2007	rVV4	20835	26240	0.79%	0.065%
40	14.945	2028	2033	2037	rBV6	11303	20741	0.63%	0.051%
41	15.033	2044	2048	2055	rVB9	5811	14123	0.43%	0.035%
42	15.104	2055	2060	2066	rBV7	11474	25043	0.75%	0.062%
43	15.163	2066	2070	2075	rBV5	14576	19495	0.59%	0.048%
44	15.322	2090	2097	2103	rVV2	1901431	2637899	79.50%	6.510%
45	15.374	2103	2106	2112	rVV	63547	96750	2.92%	0.239%
46	15.463	2116	2121	2131	rVV	242608	380297	11.46%	0.939%
47	15.563	2133	2138	2145	rVV7	20888	45045	1.36%	0.111%
48	15.669	2153	2156	2161	rVB2	13850	20209	0.61%	0.050%
49	15.822	2179	2182	2183	rVV2	13233	15663	0.47%	0.039%
50	15.833	2183	2184	2188	rVB3	16611	13140	0.40%	0.032%
51	16.033	2214	2218	2219	rBV2	12358	15897	0.48%	0.039%
52	16.057	2219	2222	2228	rVV5	18211	33384	1.01%	0.082%
53	16.157	2233	2239	2241	rBV	17983	24101	0.73%	0.059%
54	16.216	2245	2249	2253	rVV4	17615	32132	0.97%	0.079%
55	16.269	2253	2258	2263	rVV3	12836	24281	0.73%	0.060%
56	16.316	2263	2266	2272	rVV6	13986	22927	0.69%	0.057%
57	16.374	2272	2276	2282	rVV7	17408	34176	1.03%	0.084%
58	16.427	2282	2285	2288	rVB5	10686	14190	0.43%	0.035%
59	16.480	2288	2294	2300	rBV4	28834	48406	1.46%	0.119%
60	16.539	2300	2304	2309	rBV2	12570	18675	0.56%	0.046%
61	16.610	2313	2316	2321	rBV7	10427	15348	0.46%	0.038%
62	16.739	2333	2338	2346	rVV	25171	45736	1.38%	0.113%
63	16.821	2346	2352	2357	rVV4	33434	55385	1.67%	0.137%
64	16.898	2358	2365	2371	rVB	48176	83777	2.52%	0.207%
65	17.074	2389	2395	2399	rBV2	1191436	1719120	51.81%	4.243%
66	17.116	2399	2402	2407	rVB	959372	1234854	37.22%	3.048%
67	17.174	2407	2412	2417	rBV	1784168	2481877	74.80%	6.125%
68	17.280	2427	2430	2434	rVB2	18466	24386	0.73%	0.060%
69	17.492	2459	2466	2473	rBV	85831	153531	4.63%	0.379%
70	17.598	2481	2484	2488	rVB2	11352	15466	0.47%	0.038%
71	17.663	2492	2495	2497	rBV3	8069	10333	0.31%	0.026%

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72	17.851	2522	2527	2534	rBV	69007	131935	3.98%	0.326%
73	17.968	2540	2547	2550	rBV2	210825	381498	11.50%	0.942%
74	17.998	2550	2552	2558	rVB	116586	152895	4.61%	0.377%
75	18.080	2563	2566	2572	rVV	23699	39072	1.18%	0.096%
76	18.145	2572	2577	2581	rVV2	143551	229606	6.92%	0.567%
77	18.180	2581	2583	2590	rVB	43852	60054	1.81%	0.148%
78	18.257	2592	2596	2602	rVV3	33587	47665	1.44%	0.118%
79	18.457	2626	2630	2634	rBV	76694	104819	3.16%	0.259%
80	18.510	2634	2639	2645	rVV	118078	173963	5.24%	0.429%
81	18.692	2666	2670	2676	rVB2	57568	83841	2.53%	0.207%
82	18.880	2697	2702	2705	rBV2	29774	56305	1.70%	0.139%
83	19.021	2723	2726	2731	rBV2	31753	49145	1.48%	0.121%
84	19.139	2738	2746	2751	rBV	1784861	2304147	69.45%	5.687%
85	19.186	2751	2754	2760	rVB2	140436	179309	5.40%	0.443%
86	19.251	2761	2765	2770	rBV5	84218	138007	4.16%	0.341%
87	19.474	2797	2803	2806	rBV	2318415	3317944	100.00%	8.189%
88	19.504	2806	2808	2817	rVV	1341974	1509832	45.51%	3.726%
89	19.574	2817	2820	2827	rVB2	53196	84051	2.53%	0.207%
90	19.686	2836	2839	2845	rVB	66465	94095	2.84%	0.232%
91	19.827	2859	2863	2864	rBV	51116	72318	2.18%	0.178%
92	20.004	2890	2893	2898	rVB	180156	236528	7.13%	0.584%
93	20.104	2906	2910	2913	rBV2	131687	172441	5.20%	0.426%
94	20.951	3052	3054	3056	rBV	110558	121678	3.67%	0.300%
95	21.268	3102	3108	3112	rBV2	1589694	2700173	81.38%	6.664%
96	21.304	3112	3114	3121	rVB	687221	812804	24.50%	2.006%
97	21.868	3207	3210	3217	rVB2	288270	434443	13.09%	1.072%
98	22.803	3366	3369	3371	rBV	277979	347026	10.46%	0.856%
99	23.362	3459	3464	3469	rBV	1490654	2588191	78.01%	6.388%
100	23.503	3483	3488	3494	rBV2	903414	1680258	50.64%	4.147%

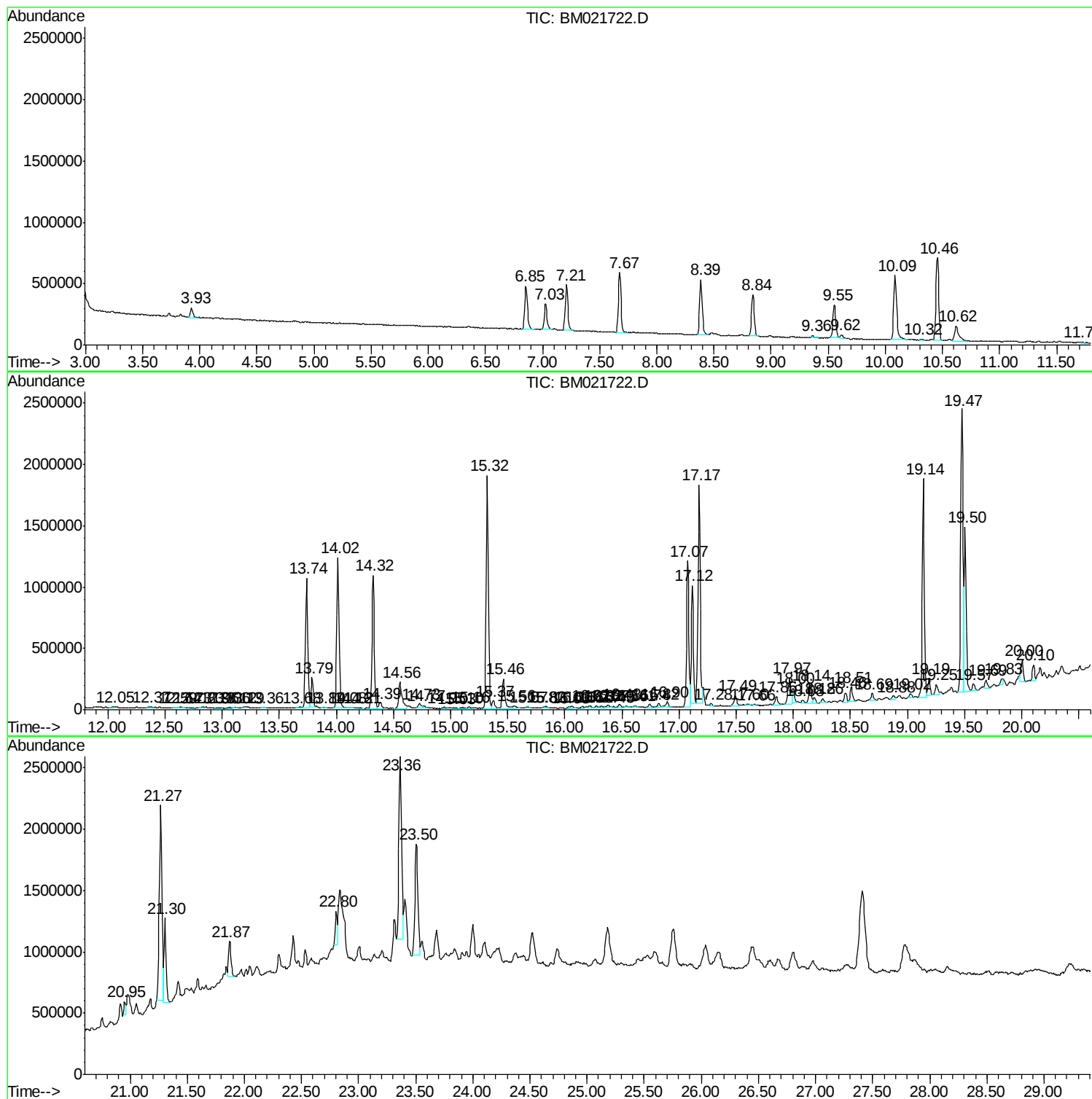
Sum of corrected areas: 40518502

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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



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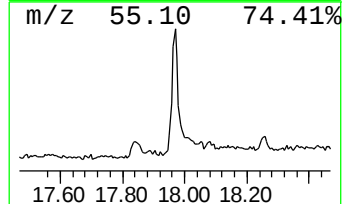
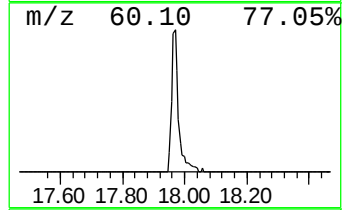
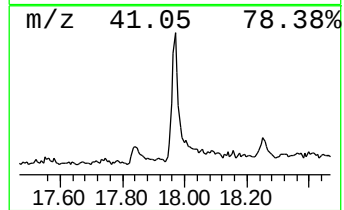
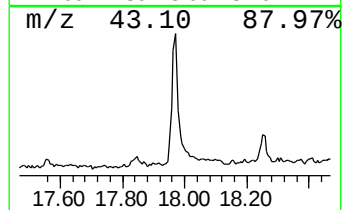
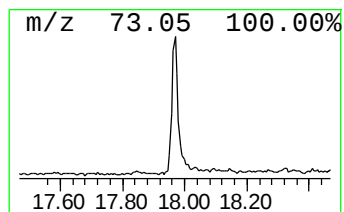
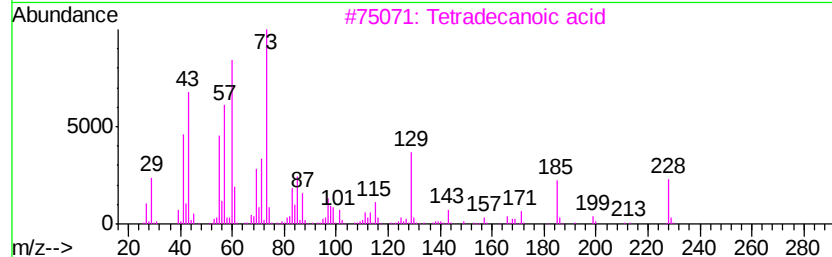
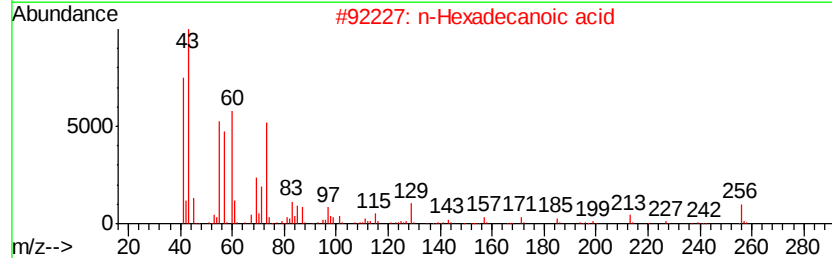
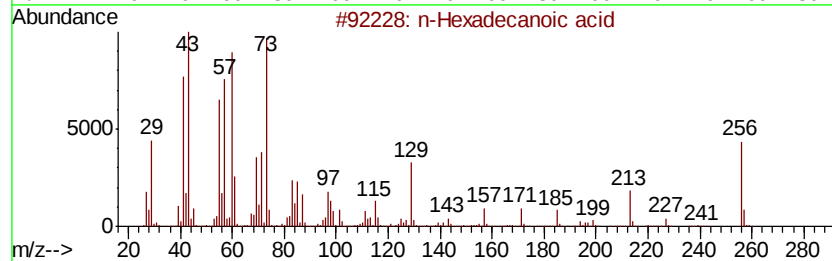
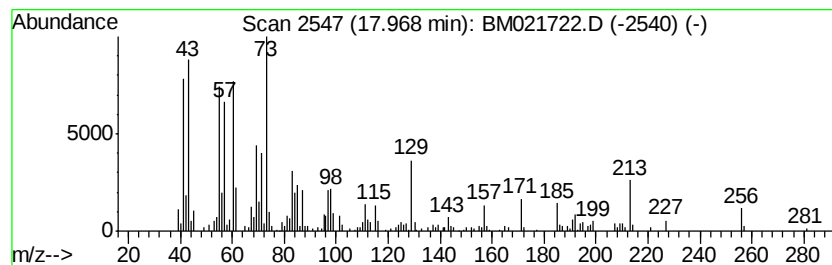
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.97	4.44 ng/ul	381498	Phenanthrene-d10		17.07	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	94
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	64
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	52
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	46



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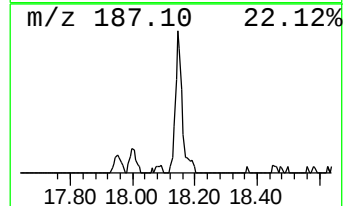
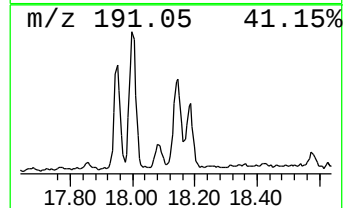
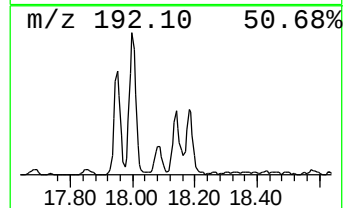
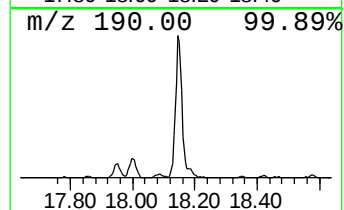
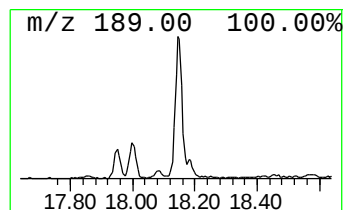
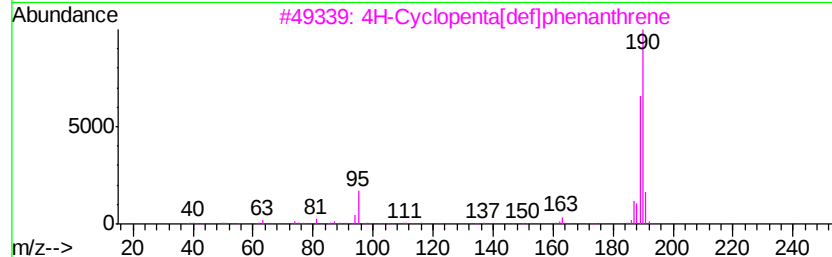
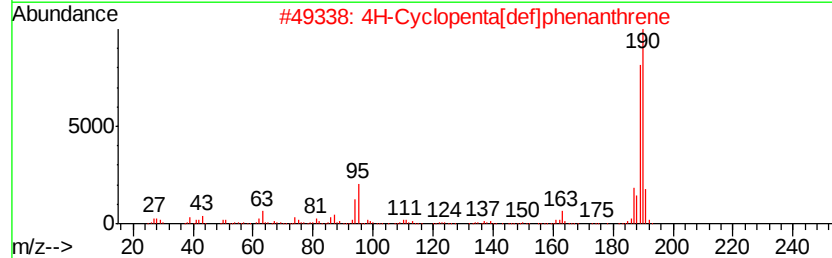
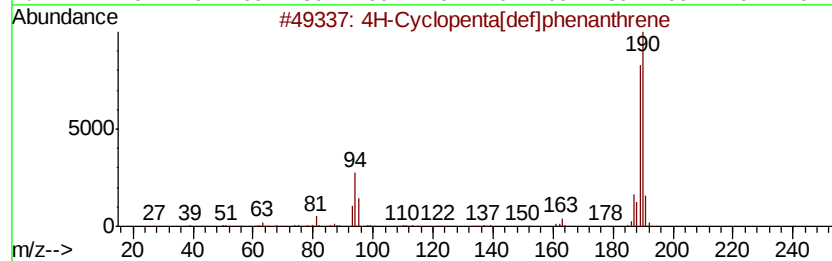
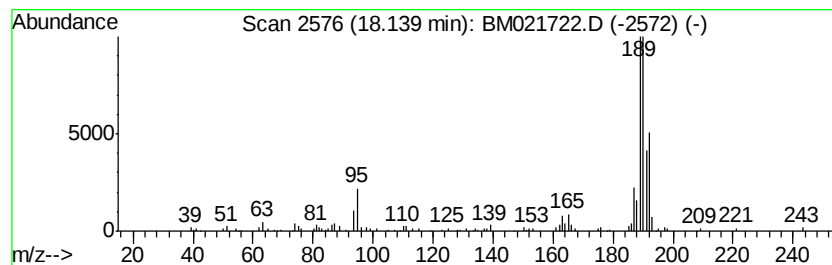
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.67 ng/ul	229606	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		Methyl diselenide	190	C2H6Se2	007101-31-7	55
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



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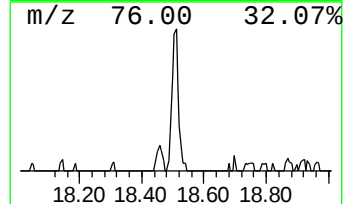
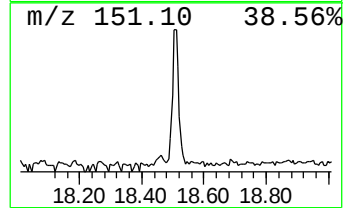
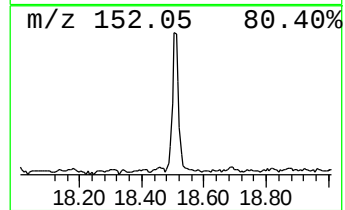
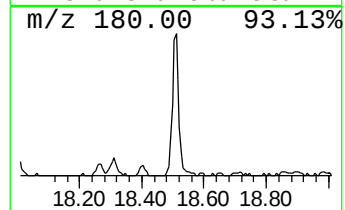
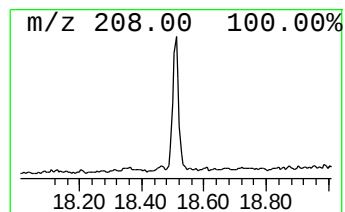
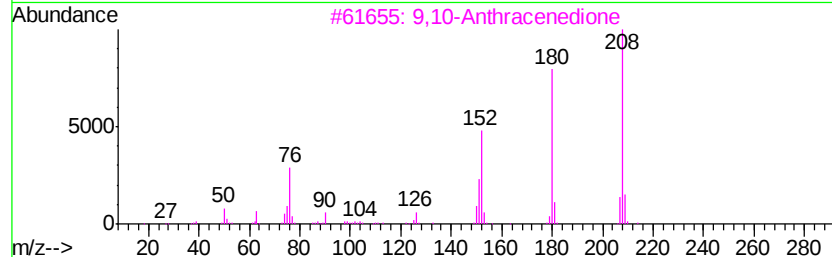
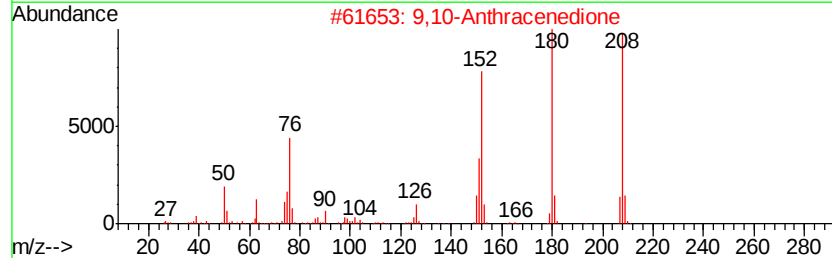
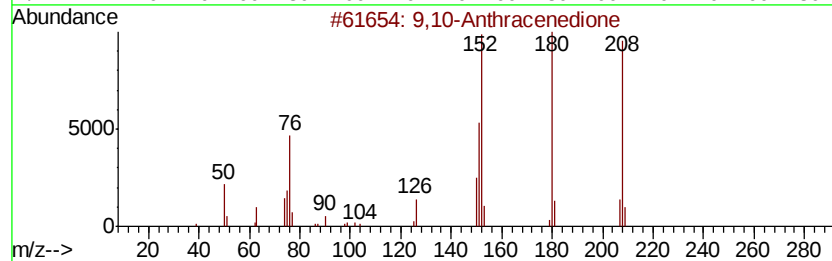
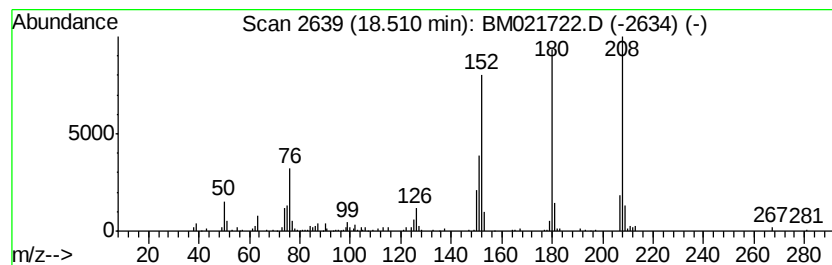
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TIC Integration Parameters: LSCINT.P

Peak Number 4 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.02 ng/ul	173963	Phenanthrene-d10	17.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021722.D
Acq On : 30 Jul 2019 09:06
Operator : HP/JU
Sample : K3863-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F4

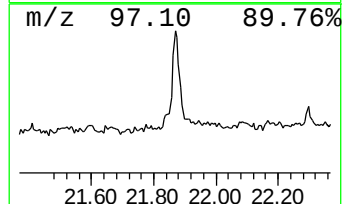
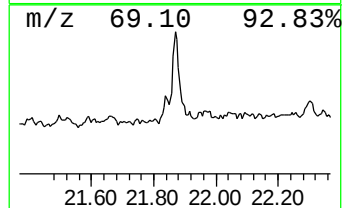
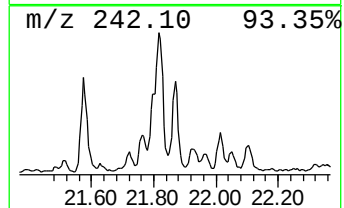
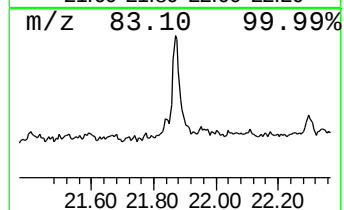
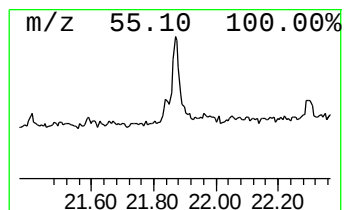
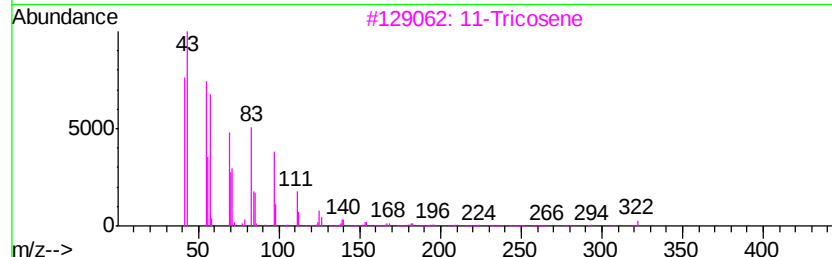
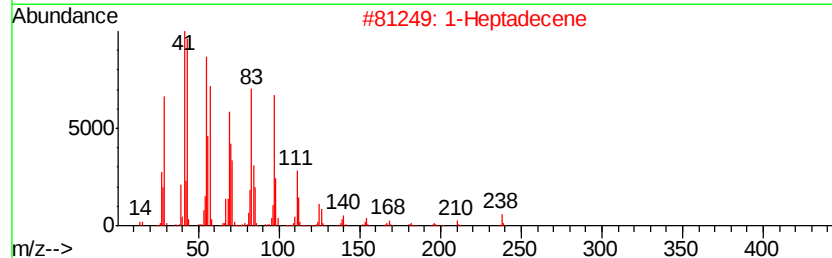
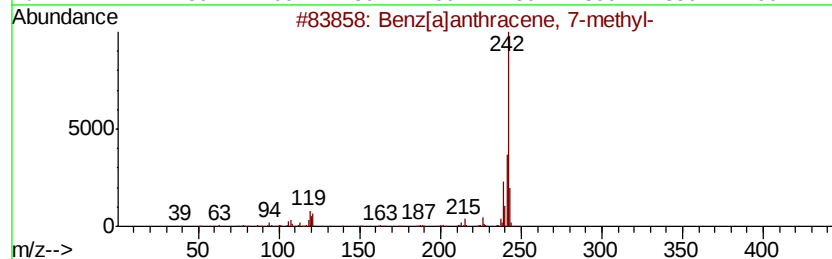
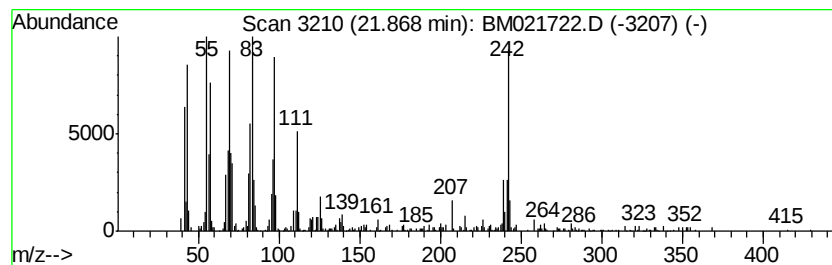
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benz[a]anthracene, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	3.22 ng/ul	434443	Chrysene-d12	21.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	59
2		1-Heptadecene	238	C17H34	006765-39-5	53
3		11-Tricosene	322	C23H46	052078-56-5	53
4		Z-12-Pentacosene	350	C25H50	1000131-09-4	50
5		Chrysene, 6-methyl-	242	C19H14	001705-85-7	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021722.D
Acq On : 30 Jul 2019 09:06
Operator : HP/JU
Sample : K3863-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52F4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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	17.97	4.4	ng/ul	381498	4	17.07	1719120	20.0
4H-Cyclopenta[def...	18.14	2.7	ng/ul	229606	4	17.07	1719120	20.0
9,10-Anthracenedione	18.51	2.0	ng/ul	173963	4	17.07	1719120	20.0
Benz[a]anthracene...	21.87	3.2	ng/ul	434443	5	21.27	2700170	20.0