

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
 Data File : BM024877.D
 Acq On : 14 Feb 2020 05:09
 Operator : CG/JU
 Sample : L1404-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W6

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-BM020620MA.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	3.522	104	108	116	rVB	26409	51517	0.83%	0.055%
2	3.722	137	142	147	rBV	28873	53443	0.86%	0.057%
3	4.599	286	291	301	rVB	45158	79777	1.29%	0.085%
4	6.593	619	630	646	rBV	857909	1470489	23.74%	1.567%
5	6.751	650	657	673	rVB	841233	1371948	22.15%	1.462%
6	6.934	682	688	697	rBV	1013883	1684464	27.19%	1.795%
7	7.393	759	766	774	rBV	1202846	1938049	31.28%	2.065%
8	8.104	881	887	898	rBV	795288	1325851	21.40%	1.412%
9	8.534	951	960	970	rBV	917368	1550457	25.03%	1.652%
10	8.722	985	992	997	rBV5	37367	60878	0.98%	0.065%
11	9.022	1037	1043	1050	rBV	165019	236334	3.81%	0.252%
12	9.245	1074	1081	1089	rBV	813400	1322755	21.35%	1.409%
13	9.781	1166	1172	1186	rBV	1137240	1947162	31.43%	2.074%
14	10.145	1226	1234	1240	rBV	1573534	2561264	41.34%	2.729%
15	10.192	1240	1242	1249	rVB	60945	90692	1.46%	0.097%
16	10.292	1252	1259	1276	rBV	810921	1583227	25.56%	1.687%
17	11.822	1513	1519	1526	rBV	41047	69500	1.12%	0.074%
18	12.045	1553	1557	1565	rVB	34634	56956	0.92%	0.061%
19	13.363	1773	1781	1786	rBV	39869	67833	1.09%	0.072%
20	13.469	1793	1799	1805	rVV	2326348	3166919	51.12%	3.374%
21	13.727	1836	1843	1856	rBV	2496983	3723301	60.10%	3.967%
22	13.886	1864	1870	1880	rBV3	38238	88430	1.43%	0.094%
23	14.045	1891	1897	1903	rVV	2261976	3335942	53.85%	3.554%
24	14.104	1903	1907	1912	rVB	82399	113318	1.83%	0.121%
25	14.269	1928	1935	1948	rBV	694992	1255799	20.27%	1.338%
26	14.357	1948	1950	1956	rVV5	34836	60682	0.98%	0.065%
27	14.451	1957	1966	1971	rVV2	83825	199791	3.23%	0.213%
28	14.492	1971	1973	1977	rVV5	28853	46530	0.75%	0.050%
29	14.533	1977	1980	1991	rVV4	25274	53026	0.86%	0.056%
30	15.045	2056	2067	2073	rBV	3318488	4605085	74.34%	4.906%
31	15.098	2073	2076	2083	rVB	137031	196533	3.17%	0.209%
32	15.180	2084	2090	2097	rBV	932099	1343256	21.68%	1.431%
33	15.404	2124	2128	2132	rBV	44223	56216	0.91%	0.060%
34	15.551	2149	2153	2158	rVV	40577	73695	1.19%	0.079%

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35	16.115	2239	2249	2254	rBV5	38481	107026	1.73%	0.114%
36	16.363	2285	2291	2298	rBV3	129801	244608	3.95%	0.261%
37	16.457	2303	2307	2315	rVB3	65557	128523	2.07%	0.137%
38	16.551	2315	2323	2327	rBV4	46059	99096	1.60%	0.106%
39	16.615	2331	2334	2340	rVV	94283	132981	2.15%	0.142%
40	16.798	2358	2365	2369	rBV	2730988	3833246	61.88%	4.084%
41	16.839	2369	2372	2377	rVB	1522183	1906864	30.78%	2.031%
42	16.898	2377	2382	2386	rBV	3146078	4311131	69.59%	4.593%
43	17.204	2430	2434	2441	rBV	80588	144241	2.33%	0.154%
44	17.380	2461	2464	2470	rVB3	49909	75109	1.21%	0.080%
45	17.521	2485	2488	2495	rVB3	38042	62716	1.01%	0.067%
46	17.674	2509	2514	2518	rBV	255818	359617	5.80%	0.383%
47	17.721	2518	2522	2530	rVB	332857	520358	8.40%	0.554%
48	17.804	2532	2536	2541	rBV	94030	131543	2.12%	0.140%
49	17.862	2541	2546	2550	rBV2	338450	547573	8.84%	0.583%
50	17.904	2550	2553	2563	rVB	191005	279276	4.51%	0.298%
51	18.039	2563	2576	2580	rBV7	64545	171092	2.76%	0.182%
52	18.186	2596	2601	2605	rBV	181149	261004	4.21%	0.278%
53	18.221	2605	2607	2612	rVB4	50850	70599	1.14%	0.075%
54	18.439	2640	2644	2649	rVV3	89052	149774	2.42%	0.160%
55	18.486	2649	2652	2656	rVV	74392	116133	1.87%	0.124%
56	18.527	2656	2659	2663	rVB2	60764	81157	1.31%	0.086%
57	18.609	2668	2673	2678	rBV2	196733	311065	5.02%	0.331%
58	18.668	2678	2683	2686	rBV2	89791	158769	2.56%	0.169%
59	18.745	2692	2696	2704	rBV4	136174	262247	4.23%	0.279%
60	18.868	2708	2717	2726	rVB	2413364	3205334	51.74%	3.415%
61	18.951	2727	2731	2733	rBV	46874	58010	0.94%	0.062%
62	19.021	2740	2743	2747	rVB	36551	56815	0.92%	0.061%
63	19.109	2756	2758	2764	rVB3	53386	90503	1.46%	0.096%
64	19.203	2769	2774	2777	rVV	4518091	6194990	100.00%	6.600%
65	19.233	2777	2779	2784	rVV	2104093	2288794	36.95%	2.438%
66	19.274	2784	2786	2789	rVV3	109457	121719	1.96%	0.130%
67	19.309	2789	2792	2800	rVB2	117521	231534	3.74%	0.247%
68	19.421	2807	2811	2814	rBV	116876	155293	2.51%	0.165%
69	19.580	2831	2838	2842	rBV2	170665	395118	6.38%	0.421%
70	19.656	2849	2851	2855	rBV5	37124	57317	0.93%	0.061%
71	19.709	2855	2860	2861	rVV2	160540	234557	3.79%	0.250%

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72	19.739	2862	2865	2869	rVB	319391	426124	6.88%	0.454%
73	19.815	2875	2878	2879	rBV	59737	59599	0.96%	0.063%
74	19.839	2879	2882	2886	rVB	171013	222351	3.59%	0.237%
75	19.898	2887	2892	2896	rBV2	284902	409746	6.61%	0.437%
76	19.986	2904	2907	2910	rBV2	56139	69203	1.12%	0.074%
77	20.033	2912	2915	2919	rVB	196318	242208	3.91%	0.258%
78	20.080	2919	2923	2929	rBV2	182572	264142	4.26%	0.281%
79	20.315	2960	2963	2966	rBV3	88756	125917	2.03%	0.134%
80	20.492	2989	2993	2999	rVB	216310	340626	5.50%	0.363%
81	20.650	3017	3020	3025	rVB3	155887	215957	3.49%	0.230%
82	20.698	3025	3028	3031	rBV	196345	249344	4.02%	0.266%
83	20.727	3031	3033	3036	rVV	144472	151249	2.44%	0.161%
84	20.768	3036	3040	3056	rVB4	713409	1231589	19.88%	1.312%
85	21.009	3074	3081	3085	rBV2	3745232	6089501	98.30%	6.487%
86	21.045	3085	3087	3095	rVB	1231857	1462341	23.61%	1.558%
87	21.215	3113	3116	3123	rBV3	231276	347429	5.61%	0.370%
88	21.550	3170	3173	3177	rVB	258630	312238	5.04%	0.333%
89	21.639	3184	3188	3191	rBV2	346482	470328	7.59%	0.501%
90	22.068	3258	3261	3265	rVB	267105	300831	4.86%	0.320%
91	22.492	3328	3333	3338	rBV	1085764	2296060	37.06%	2.446%
92	22.539	3338	3341	3344	rVV2	922380	1329800	21.47%	1.417%
93	22.574	3345	3347	3355	rVB2	447080	592055	9.56%	0.631%
94	22.933	3404	3408	3411	rBV	468904	755281	12.19%	0.805%
95	22.980	3411	3416	3420	rVV	2913669	4764035	76.90%	5.075%
96	23.015	3420	3422	3427	rVB	713814	936957	15.12%	0.998%
97	23.062	3428	3430	3433	rBV	201989	258960	4.18%	0.276%
98	23.109	3433	3438	3443	rVB	2218188	3615537	58.36%	3.852%
99	23.656	3527	3531	3537	rVB	622084	1009109	16.29%	1.075%
100	25.144	3777	3784	3794	rVB3	631495	1920494	31.00%	2.046%

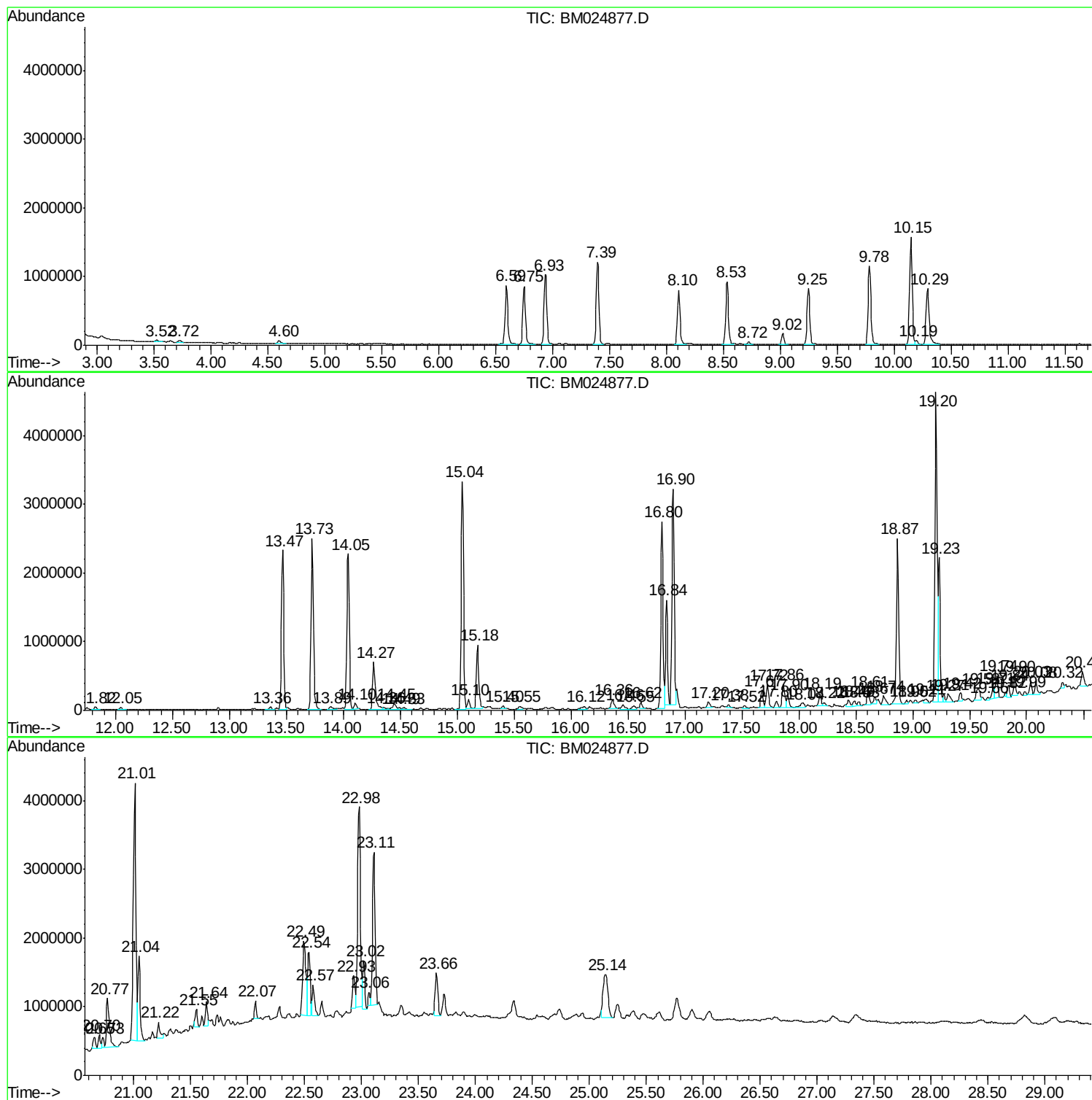
Sum of corrected areas: 93865862

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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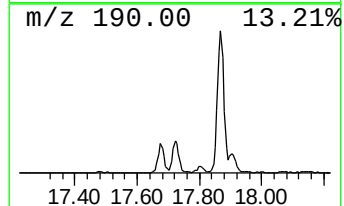
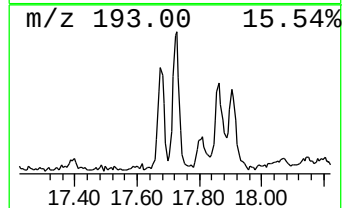
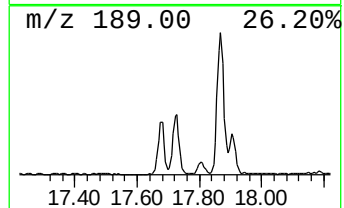
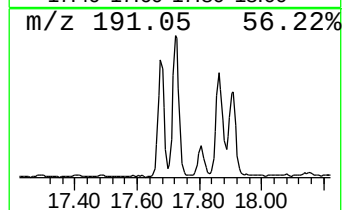
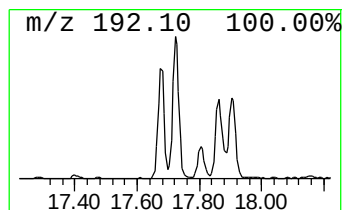
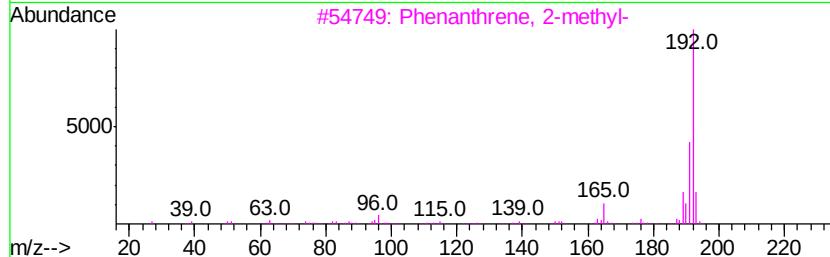
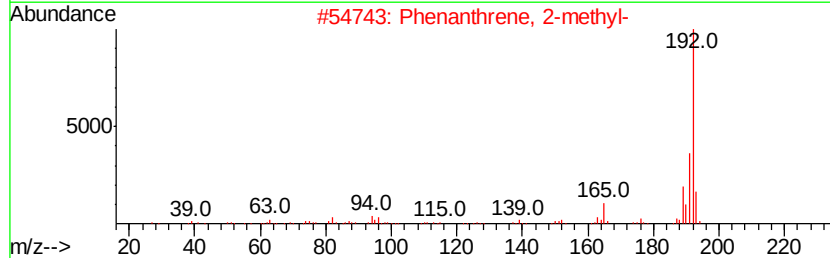
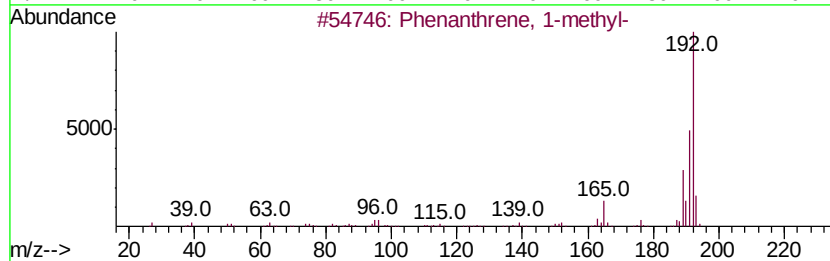
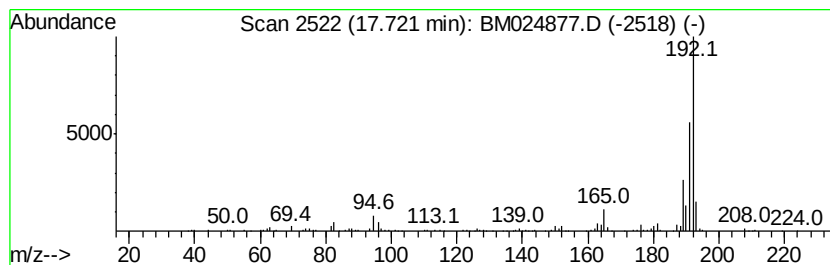
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.72	2.71 ng/ul	520358	Phenanthrene-d10	16.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95	



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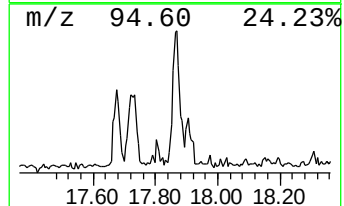
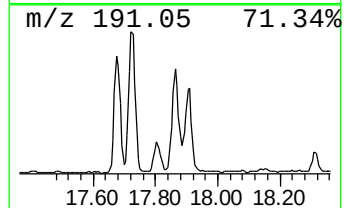
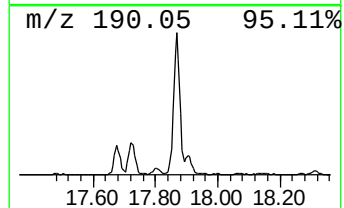
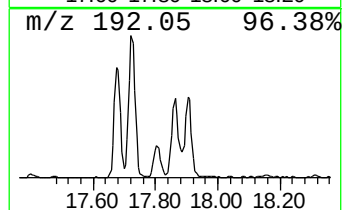
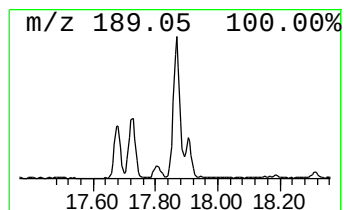
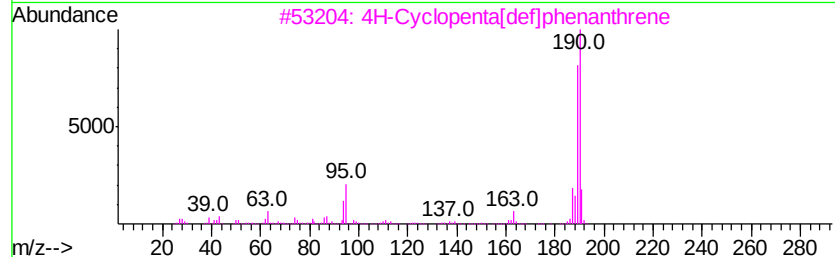
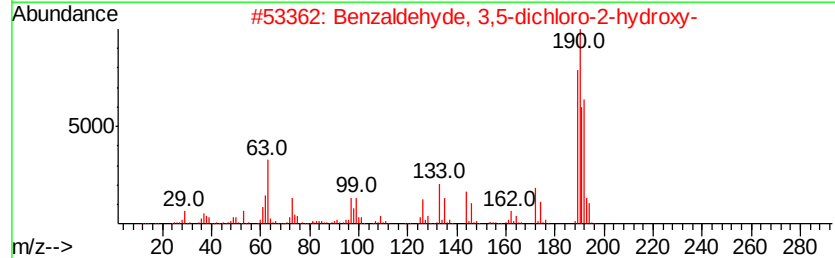
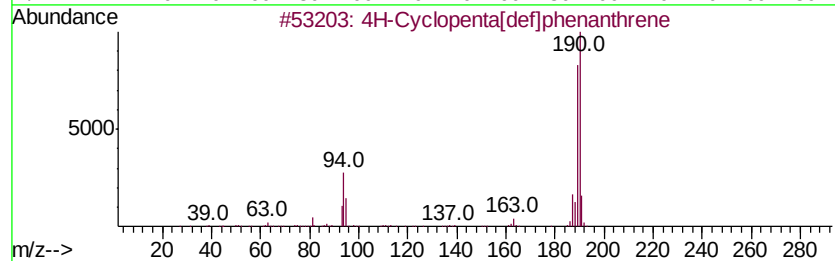
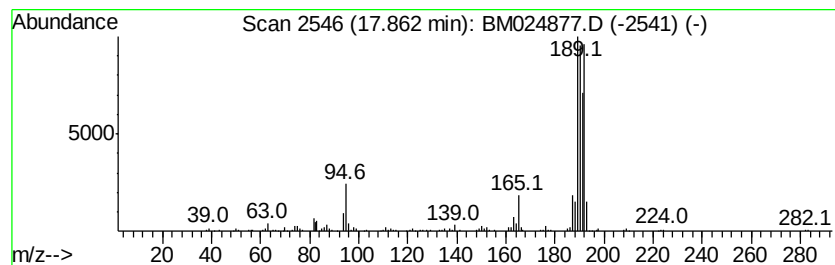
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.86	2.86 ng/ul	547573	Phenanthrene-d10	16.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	58
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



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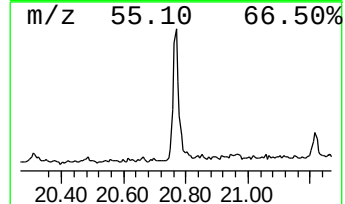
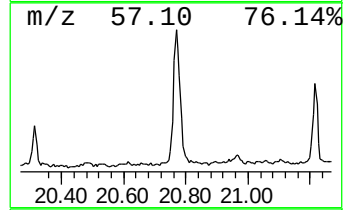
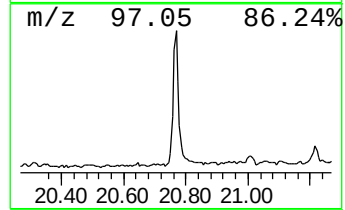
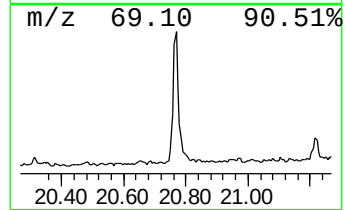
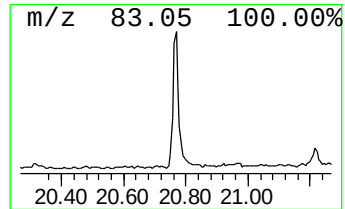
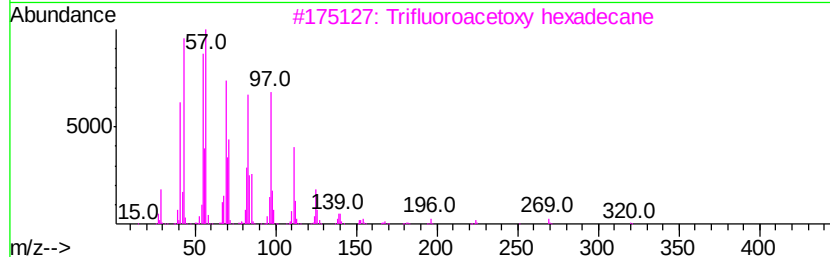
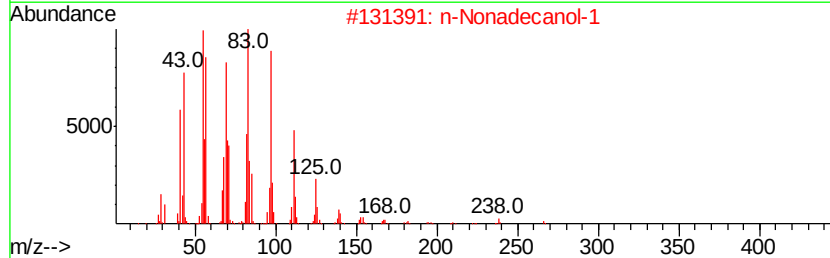
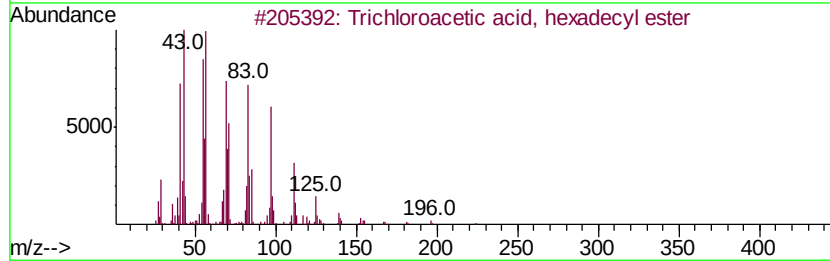
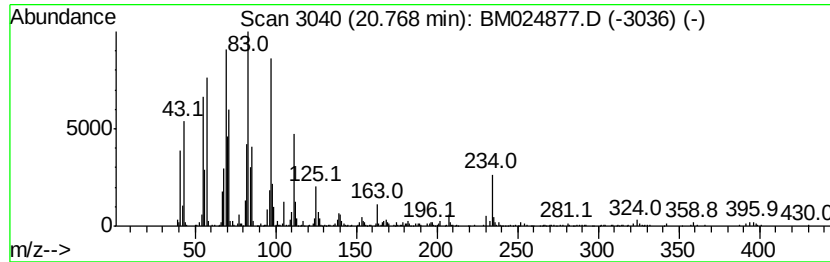
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	4.04 ng/ul	1231590	Chrysene-d12	21.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	89
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	87



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Acq On : 14 Feb 2020 05:09
Operator : CG/JU
Sample : L1404-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB6W6

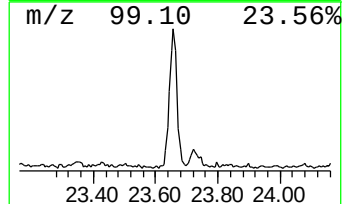
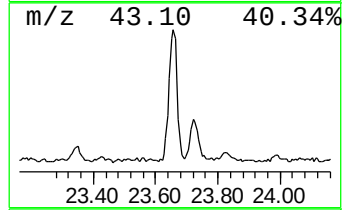
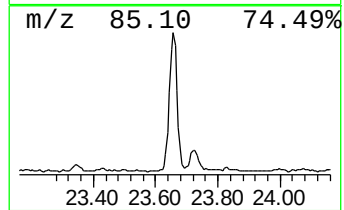
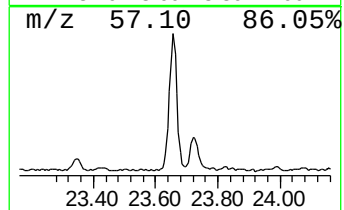
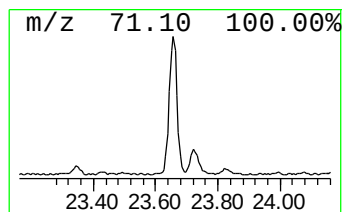
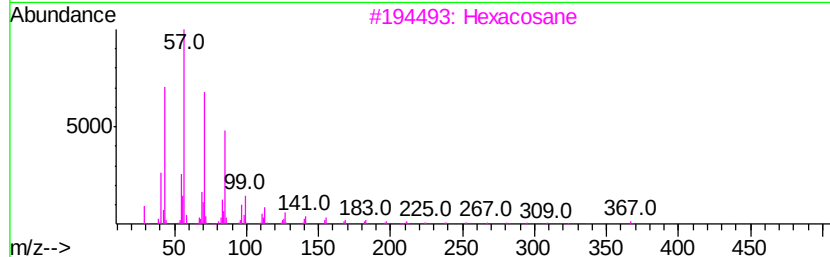
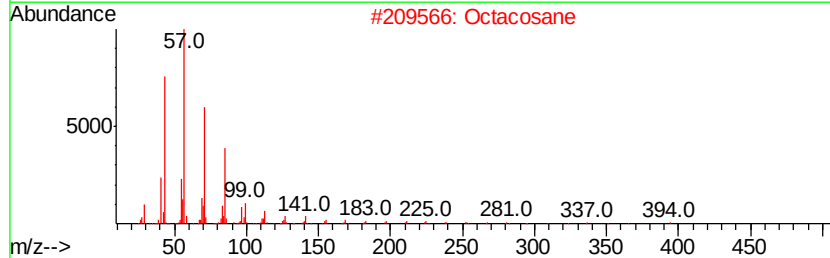
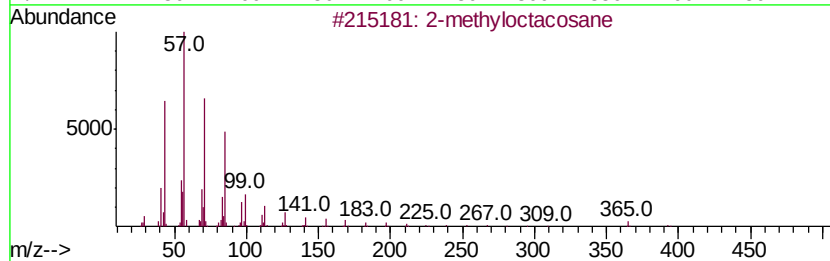
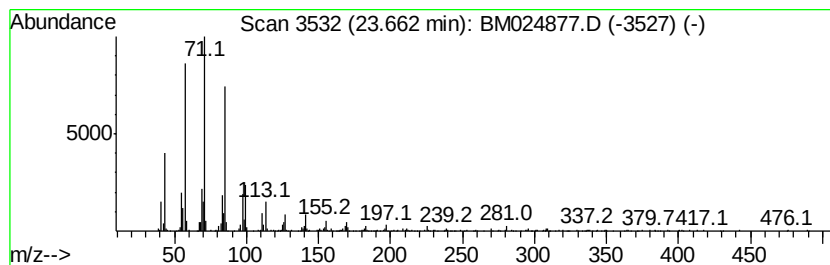
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
23.66	5.58 ng/ul	1009110	Perylene-d12	23.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-methyloctacosane	408	C29H60	1000376-72-8	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Hexacosane	366	C26H54	000630-01-3	90
4			Heptacosane	380	C27H56	000593-49-7	89
5			Heptacosane	380	C27H56	000593-49-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\
Data File : BM024877.D
Acq On : 14 Feb 2020 05:09
Operator : CG/JU
Sample : L1404-19
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	17.72	2.7	ng/ul	520358	4	16.80	3833250	20.0
4H-Cyclopenta[def...	17.86	2.9	ng/ul	547573	4	16.80	3833250	20.0
Trichloroacetic a...	20.77	4.0	ng/ul	1231590	5	21.01	6089500	20.0
(DEL) Alkane: Str...	23.66	5.6	ng/ul	1009110	6	23.11	3615540	20.0