

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024826.D
 Acq On : 11 Feb 2020 01:53
 Operator : CG/JU
 Sample : L1402-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6W3

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	3.010	19	21	33	rVB	50004	85113	1.50%	0.108%
2	3.628	122	126	134	rVB4	25151	41465	0.73%	0.053%
3	3.710	135	140	144	rBV	98641	134112	2.36%	0.170%
4	3.928	173	177	182	rVB	36992	44835	0.79%	0.057%
5	4.322	240	244	253	rVB5	23089	39614	0.70%	0.050%
6	4.587	285	289	298	rBV	45540	71620	1.26%	0.091%
7	6.598	620	631	644	rBV	691581	1108471	19.49%	1.405%
8	6.751	651	657	671	rBV	580351	898456	15.80%	1.139%
9	6.939	683	689	701	rBV	792620	1239283	21.79%	1.571%
10	7.398	761	767	775	rBV	1079228	1685311	29.63%	2.137%
11	8.116	882	889	899	rVV	751795	1190655	20.93%	1.509%
12	8.539	946	961	970	rBV	700409	1145170	20.13%	1.452%
13	8.728	988	993	1000	rBV6	33975	54783	0.96%	0.069%
14	9.033	1039	1045	1052	rBV	139805	202000	3.55%	0.256%
15	9.257	1075	1083	1091	rBV	581153	977937	17.19%	1.240%
16	9.792	1166	1174	1189	rBV	958813	1575170	27.70%	1.997%
17	10.157	1228	1236	1242	rBV	1515879	2418859	42.53%	3.067%
18	10.204	1242	1244	1250	rVV	90298	127855	2.25%	0.162%
19	10.298	1253	1260	1277	rBV	792003	1455423	25.59%	1.845%
20	11.833	1516	1521	1527	rBV	55951	97023	1.71%	0.123%
21	12.057	1554	1559	1567	rVB2	42794	68779	1.21%	0.087%
22	12.910	1701	1704	1709	rVB	26827	36587	0.64%	0.046%
23	13.216	1750	1756	1758	rBV3	21223	34502	0.61%	0.044%
24	13.374	1775	1783	1788	rBV	40974	66176	1.16%	0.084%
25	13.427	1788	1792	1795	rBV2	26423	37895	0.67%	0.048%
26	13.480	1795	1801	1806	rVV	1824390	2502247	44.00%	3.172%
27	13.527	1806	1809	1815	rVB2	25946	34544	0.61%	0.044%
28	13.739	1837	1845	1860	rBV	2139997	3161839	55.59%	4.008%
29	14.057	1893	1899	1905	rVV	2289745	3376369	59.36%	4.280%
30	14.115	1905	1909	1914	rVV	69749	96872	1.70%	0.123%
31	14.280	1930	1937	1950	rBV	510358	939685	16.52%	1.191%
32	14.457	1962	1967	1973	rBV	87052	153455	2.70%	0.195%
33	14.545	1979	1982	1989	rVB2	23435	34844	0.61%	0.044%
34	15.057	2063	2069	2075	rBV	2786742	3851783	67.72%	4.883%

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35	15.110	2075	2078	2085	rVB	132925	189100	3.32%	0.240%
36	15.192	2085	2092	2098	rBV	708506	1007467	17.71%	1.277%
37	15.298	2104	2110	2115	rVB4	27975	51451	0.90%	0.065%
38	15.415	2125	2130	2136	rVB	44483	57032	1.00%	0.072%
39	15.557	2150	2154	2164	rVB	40325	87275	1.53%	0.111%
40	16.127	2242	2251	2256	rBV4	28761	67806	1.19%	0.086%
41	16.374	2287	2293	2300	rVV3	77413	170726	3.00%	0.216%
42	16.468	2305	2309	2318	rVB2	59541	112770	1.98%	0.143%
43	16.557	2318	2324	2328	rBV3	33384	71076	1.25%	0.090%
44	16.627	2332	2336	2341	rVV	87960	129221	2.27%	0.164%
45	16.809	2358	2367	2371	rBV	2865207	4029026	70.84%	5.108%
46	16.851	2371	2374	2378	rVB	1418050	1742999	30.65%	2.210%
47	16.909	2378	2384	2388	rBV	2732399	3898195	68.54%	4.942%
48	17.009	2398	2401	2408	rVB8	20519	34985	0.62%	0.044%
49	17.215	2431	2436	2442	rVV	82283	139399	2.45%	0.177%
50	17.339	2453	2457	2459	rVV	27836	36281	0.64%	0.046%
51	17.392	2463	2466	2471	rVB3	46120	58705	1.03%	0.074%
52	17.533	2487	2490	2494	rVB2	32309	43973	0.77%	0.056%
53	17.686	2511	2516	2520	rVV	208171	295046	5.19%	0.374%
54	17.733	2520	2524	2532	rVB	282893	405126	7.12%	0.514%
55	17.815	2534	2538	2542	rVV2	63528	88383	1.55%	0.112%
56	17.874	2543	2548	2552	rVV2	279012	441116	7.76%	0.559%
57	17.915	2552	2555	2560	rVB	153167	198580	3.49%	0.252%
58	18.192	2598	2602	2606	rBV	152601	210832	3.71%	0.267%
59	18.445	2642	2645	2651	rVV2	63556	104149	1.83%	0.132%
60	18.498	2651	2654	2657	rVV	61174	82645	1.45%	0.105%
61	18.539	2658	2661	2665	rVB	51827	64993	1.14%	0.082%
62	18.621	2670	2675	2680	rBV	158214	236778	4.16%	0.300%
63	18.674	2680	2684	2688	rBV3	67959	128033	2.25%	0.162%
64	18.756	2694	2698	2706	rBV3	104631	200113	3.52%	0.254%
65	18.880	2713	2719	2726	rVB	2010672	2689446	47.29%	3.410%
66	18.956	2728	2732	2735	rBV	52695	64405	1.13%	0.082%
67	18.986	2735	2737	2742	rVB4	29613	38562	0.68%	0.049%
68	19.033	2742	2745	2749	rBV	34778	46916	0.82%	0.059%
69	19.121	2750	2760	2767	rBV3	57614	172564	3.03%	0.219%
70	19.215	2770	2776	2779	rVV	3893162	5687527	100.00%	7.210%
71	19.245	2779	2781	2786	rVV	1710031	1813013	31.88%	2.298%

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72	19.280	2786	2787	2791	rVV3	73235	82069	1.44%	0.104%
73	19.321	2791	2794	2802	rVB2	84552	175802	3.09%	0.223%
74	19.427	2809	2812	2817	rBV	92395	126475	2.22%	0.160%
75	19.580	2832	2838	2845	rBV3	147881	356122	6.26%	0.451%
76	19.721	2857	2862	2863	rBV3	116848	181480	3.19%	0.230%
77	19.750	2863	2867	2871	rVB	248444	345435	6.07%	0.438%
78	19.827	2877	2880	2881	rBV2	54110	55578	0.98%	0.070%
79	19.850	2881	2884	2888	rVB	149112	172238	3.03%	0.218%
80	19.903	2888	2893	2897	rBV2	213840	330875	5.82%	0.419%
81	20.045	2914	2917	2921	rVB	122110	135163	2.38%	0.171%
82	20.092	2922	2925	2932	rBV2	109482	151317	2.66%	0.192%
83	20.321	2962	2964	2967	rBV4	55272	68393	1.20%	0.087%
84	20.497	2991	2994	3001	rVB	136306	190456	3.35%	0.241%
85	20.703	3026	3029	3032	rBV	137751	154944	2.72%	0.196%
86	20.739	3032	3035	3037	rVV	110570	117215	2.06%	0.149%
87	20.774	3038	3041	3053	rVB3	516599	941314	16.55%	1.193%
88	21.015	3076	3082	3086	rBV2	3496755	5567263	97.89%	7.058%
89	21.056	3086	3089	3096	rVB	909520	1178331	20.72%	1.494%
90	21.227	3115	3118	3122	rBV2	149623	175369	3.08%	0.222%
91	21.644	3186	3189	3196	rBV4	389568	628076	11.04%	0.796%
92	22.080	3260	3263	3267	rVB	303044	349927	6.15%	0.444%
93	22.503	3331	3335	3339	rBV	753952	1410780	24.80%	1.789%
94	22.550	3340	3343	3347	rVB2	732937	956892	16.82%	1.213%
95	22.944	3406	3410	3412	rBV	344208	492978	8.67%	0.625%
96	22.991	3413	3418	3422	rVV	2571893	3876036	68.15%	4.914%
97	23.074	3429	3432	3435	rBV	326843	482872	8.49%	0.612%
98	23.121	3435	3440	3445	rVB	2331583	3729588	65.57%	4.728%
99	23.668	3529	3533	3539	rVB	614320	1032329	18.15%	1.309%
100	25.150	3781	3785	3798	rVB3	531969	1529924	26.90%	1.940%

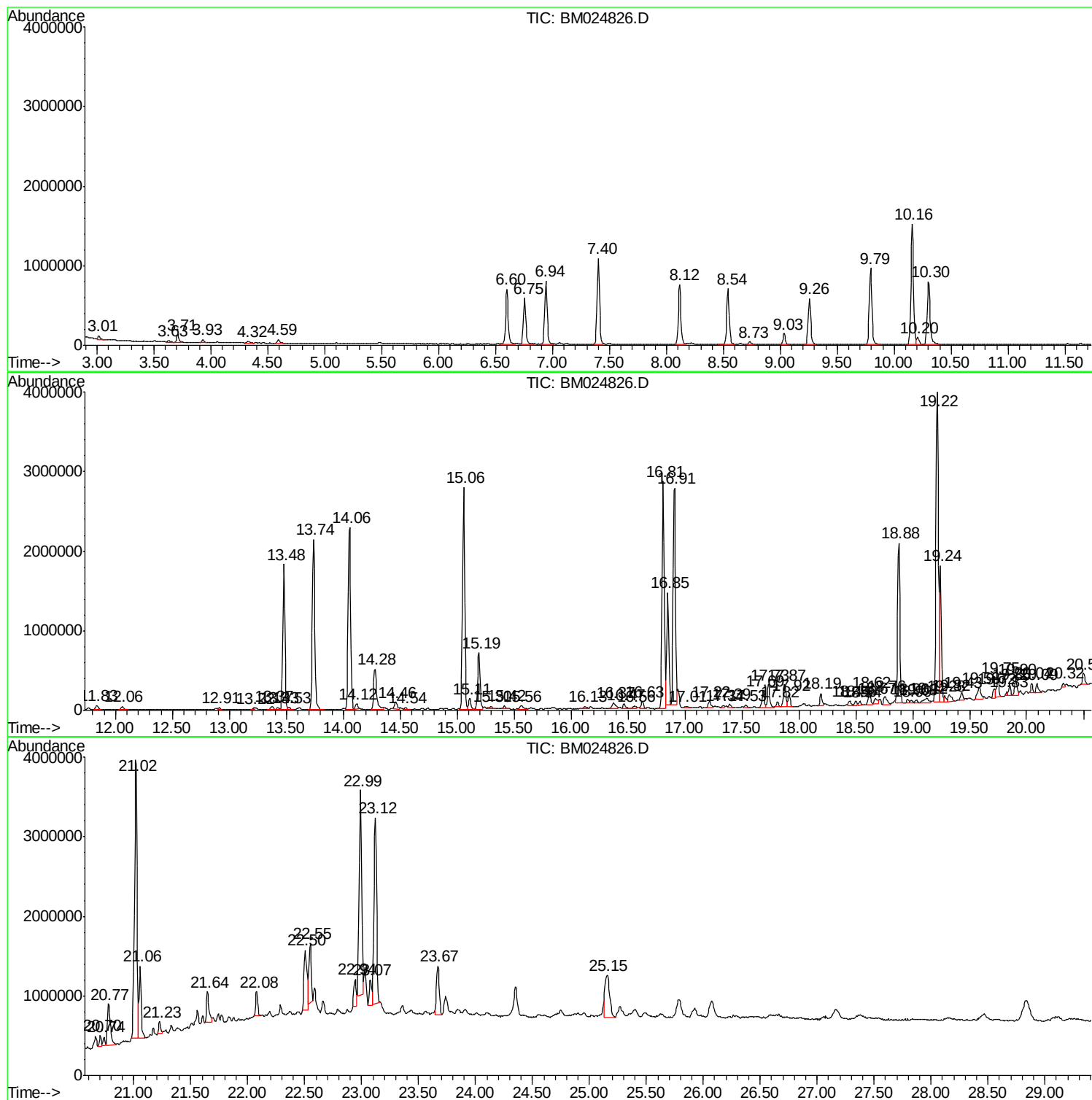
Sum of corrected areas: 78879687

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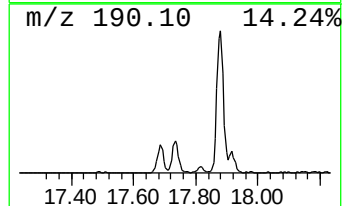
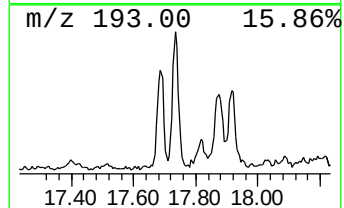
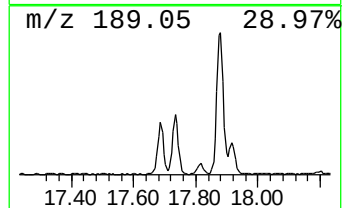
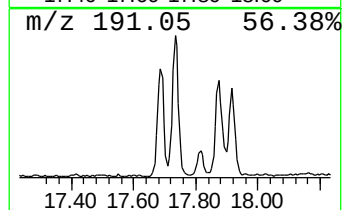
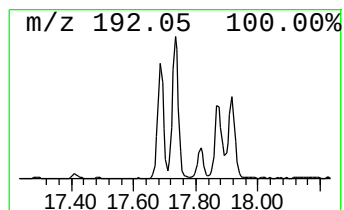
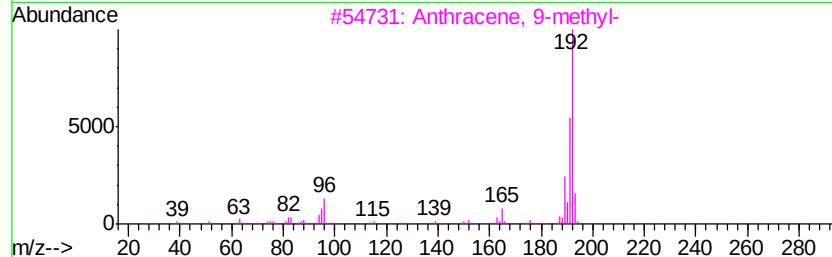
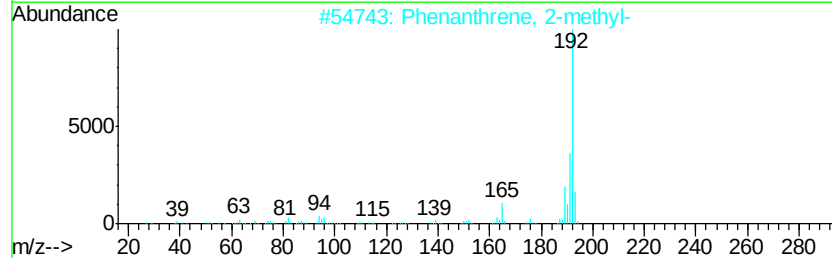
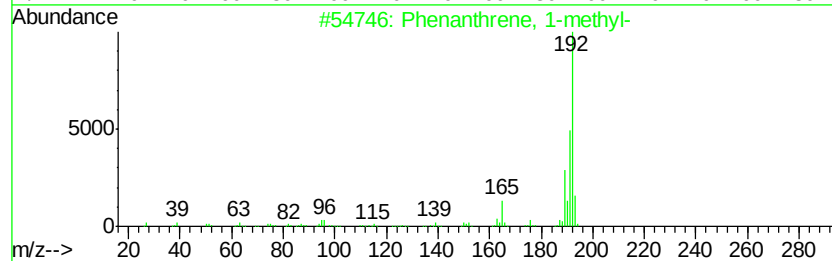
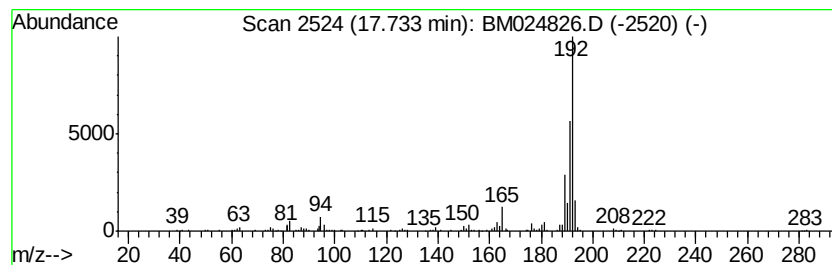
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.01 ng/ul	405126	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95	
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	



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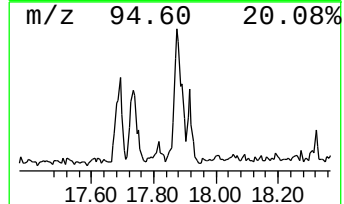
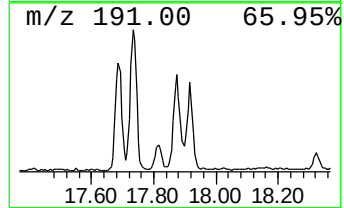
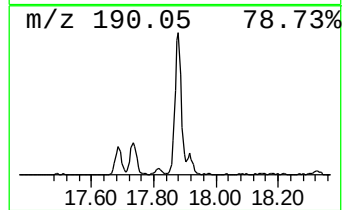
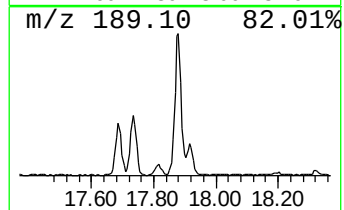
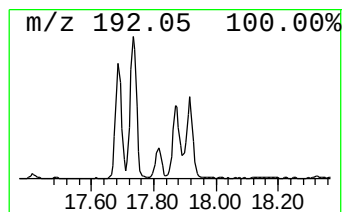
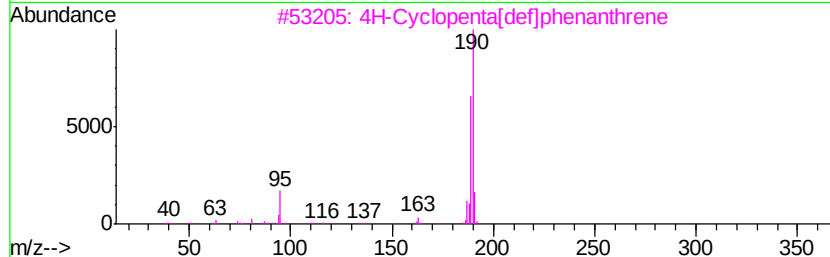
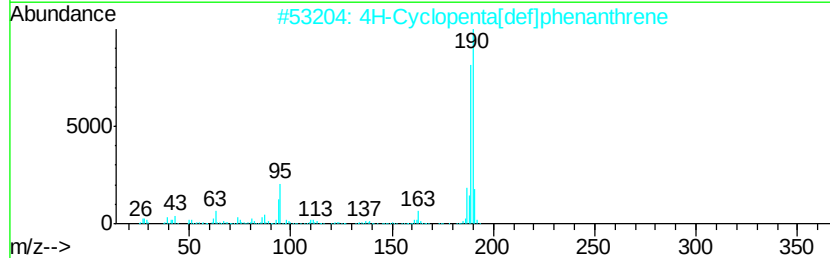
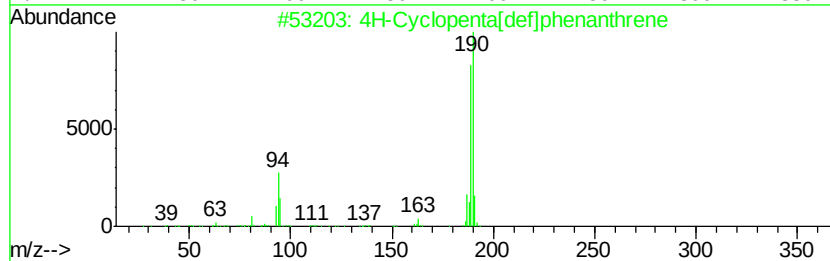
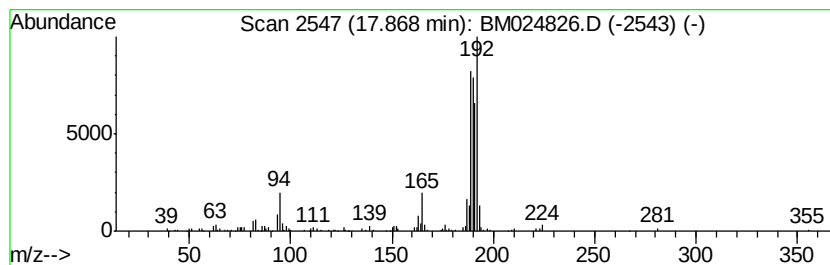
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.19 ng/ul	441116	Phenanthrene-d10	16.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



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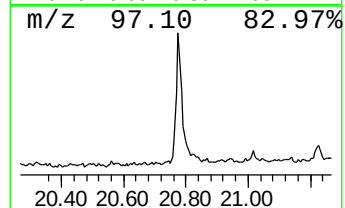
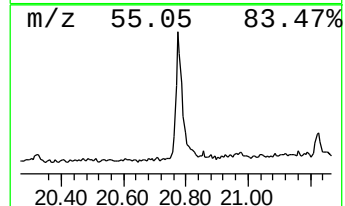
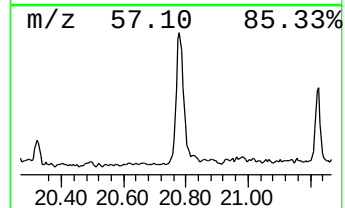
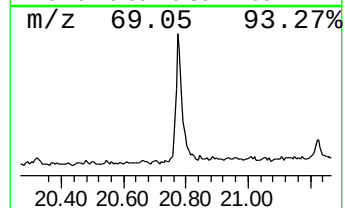
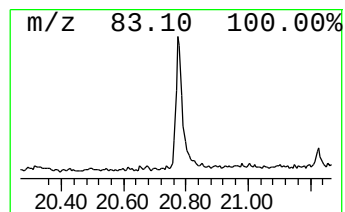
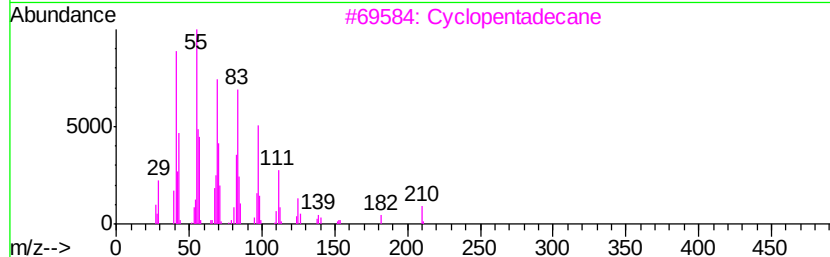
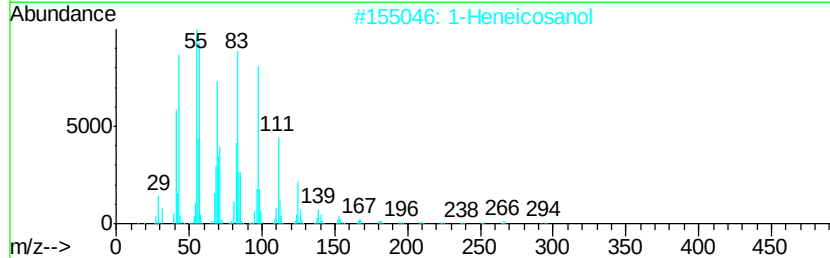
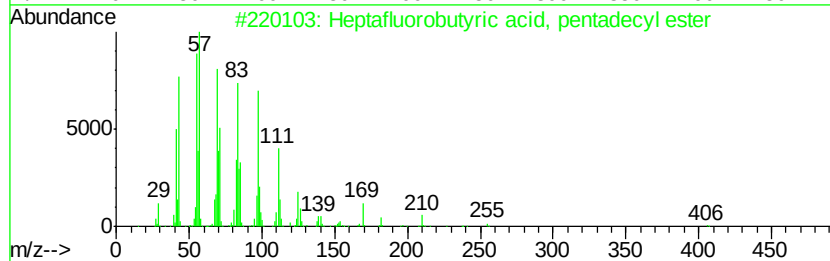
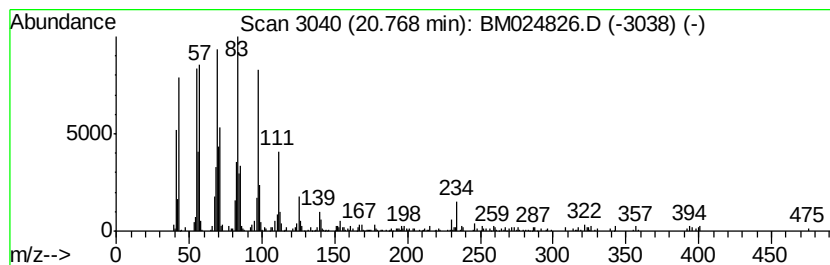
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Peak Number 3 Heptafluorobutyric acid, pe... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.77	3.38 ng/ul	941314	Chrysene-d12	21.02		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94	
2	1-Heneicosanol	312	C21H44O	015594-90-8	93	
3	Cyclopentadecane	210	C15H30	000295-48-7	92	
4	Behenic alcohol	326	C22H46O	000661-19-8	91	
5	1-Nonadecene	266	C19H38	018435-45-5	91	



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Acq On : 11 Feb 2020 01:53
Operator : CG/JU
Sample : L1402-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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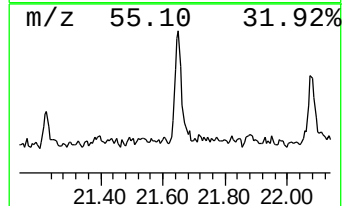
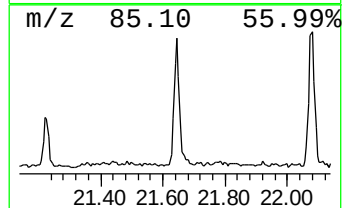
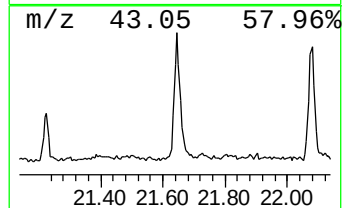
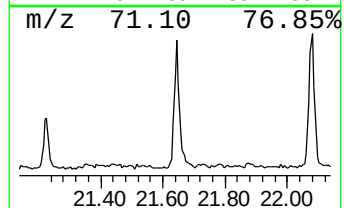
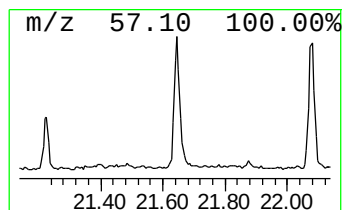
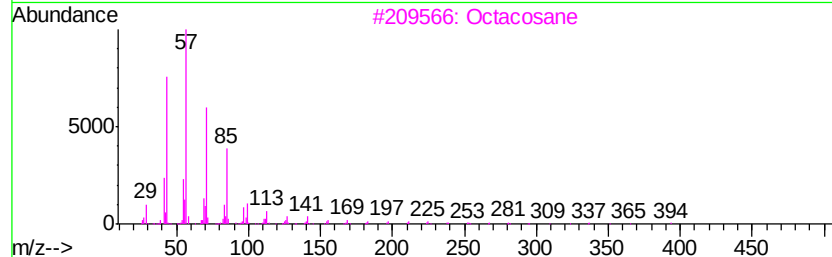
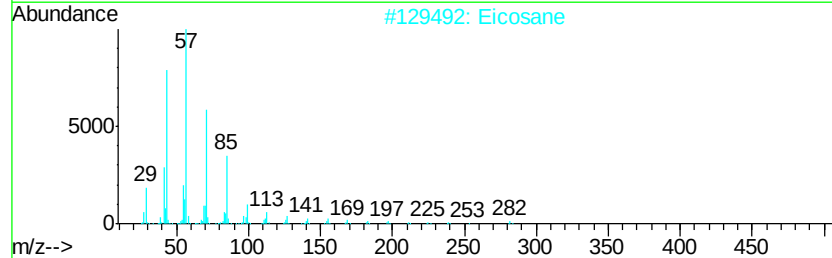
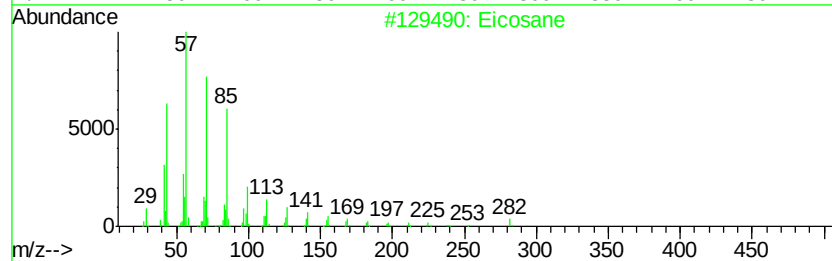
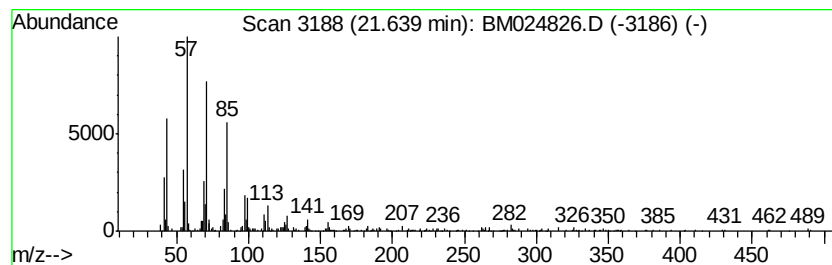
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.64	2.26 ng/ul	628076	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane	282	C20H42	000112-95-8	92
3		Octacosane	394	C28H58	000630-02-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
Data File : BM024826.D
Acq On : 11 Feb 2020 01:53
Operator : CG/JU
Sample : L1402-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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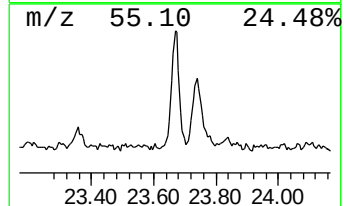
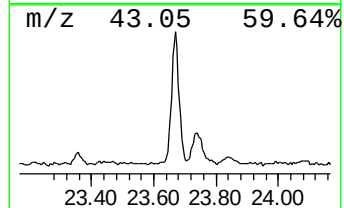
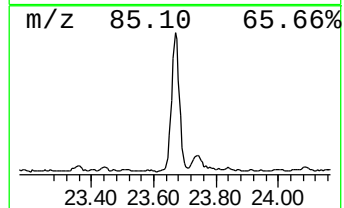
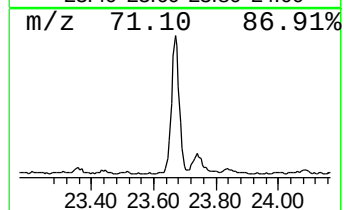
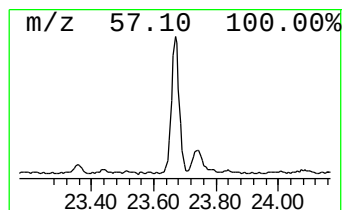
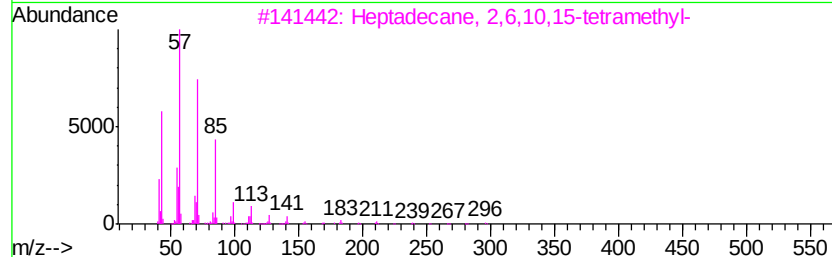
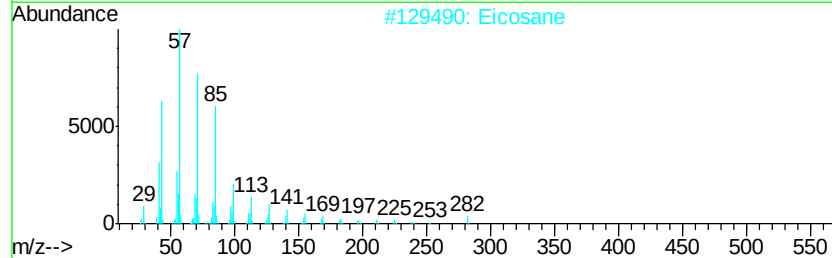
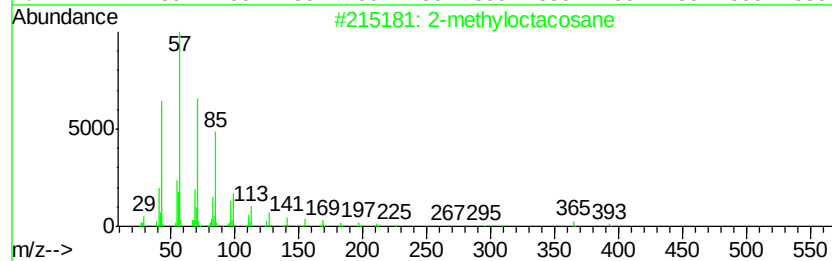
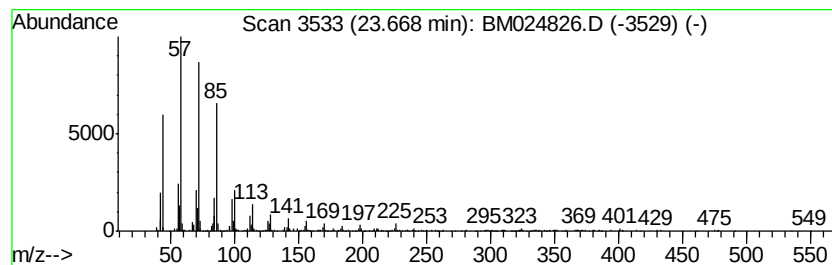
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	5.54 ng/ul	1032330	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Hentriacontane	437	C31H64	000630-04-6	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021020\
Data File : BM024826.D
Acq On : 11 Feb 2020 01:53
Operator : CG/JU
Sample : L1402-19
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB6W3

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...	17.73	2.0	ng/ul	405126	4	16.81	4029030	20.0
4H-Cyclopenta[def...	17.87	2.2	ng/ul	441116	4	16.81	4029030	20.0
Heptafluorobutyri...	20.77	3.4	ng/ul	941314	5	21.02	5567260	20.0
(DEL) Alkane: Str...	21.64	2.3	ng/ul	628076	5	21.02	5567260	20.0
(DEL) Alkane: Str...	23.67	5.5	ng/ul	1032330	6	23.12	3729590	20.0