

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGEA1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049376.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.097	4	10	19	rBV2	132819	326013	36.29%	3.267%
2	3.179	19	24	40	rVB	181177	352851	39.28%	3.536%
3	3.397	58	61	65	rBV5	2106	3564	0.40%	0.036%
4	3.884	142	144	158	rBV3	15483	35274	3.93%	0.354%
5	4.113	179	183	186	rVB3	2149	2676	0.30%	0.027%
6	4.207	195	199	206	rBV4	5982	11250	1.25%	0.113%
7	7.045	678	682	685	rVV2	1667	2381	0.27%	0.024%
8	7.216	704	711	723	rVV	61186	123167	13.71%	1.234%
9	7.380	732	739	749	rVV	39256	74282	8.27%	0.744%
10	7.592	768	775	783	rBV3	58059	111217	12.38%	1.115%
11	8.062	848	855	862	rBV	100206	176591	19.66%	1.770%
12	8.291	890	894	899	rVV2	2099	3512	0.39%	0.035%
13	8.602	944	947	950	rVB2	1994	2194	0.24%	0.022%
14	8.767	967	975	985	rBV3	83394	160914	17.91%	1.613%
15	8.890	991	996	1003	rVB3	3692	6594	0.73%	0.066%
16	9.231	1048	1054	1063	rVB	68702	129930	14.46%	1.302%
17	9.960	1170	1178	1188	rBV2	62677	121382	13.51%	1.216%
18	10.506	1261	1271	1283	rVB	92126	169450	18.86%	1.698%
19	10.653	1291	1296	1303	rBV4	8510	17225	1.92%	0.173%
20	10.882	1329	1335	1343	rBV	134206	250182	27.85%	2.507%
21	11.017	1352	1358	1366	rBV2	83192	157485	17.53%	1.578%
22	12.298	1573	1576	1581	rVB2	1807	2526	0.28%	0.025%
23	13.520	1780	1784	1793	rBV2	2757	4670	0.52%	0.047%
24	14.108	1878	1884	1891	rVV	202492	298426	33.22%	2.991%
25	14.184	1894	1897	1901	rVB3	1951	2871	0.32%	0.029%
26	14.407	1928	1935	1946	rVB	186256	312429	34.78%	3.131%
27	14.601	1963	1968	1970	rBV3	2092	3056	0.34%	0.031%
28	14.713	1981	1987	1994	rVV2	234286	357380	39.78%	3.582%
29	14.777	1994	1998	2003	rVB3	4833	6265	0.70%	0.063%
30	14.907	2014	2020	2034	rVV	65329	121702	13.55%	1.220%
31	15.112	2050	2055	2062	rVB4	5295	9812	1.09%	0.098%
32	15.177	2062	2066	2072	rVV3	2475	4315	0.48%	0.043%
33	15.324	2087	2091	2097	rBV3	2003	3345	0.37%	0.034%
34	15.377	2097	2100	2103	rBV3	2564	2777	0.31%	0.028%
35	15.500	2119	2121	2124	rVV	2083	2497	0.28%	0.025%
36	15.547	2127	2129	2132	rVB2	2377	2213	0.25%	0.022%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
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37	15.706	2148	2156	2161	rVV	257693	402554	44.81%	4.034%
38	15.759	2161	2165	2170	rVB3	6798	10727	1.19%	0.108%
39	15.817	2170	2175	2183	rBV	64164	99665	11.09%	0.999%
40	16.052	2210	2215	2220	rVB3	5924	10211	1.14%	0.102%
41	16.193	2236	2239	2247	rVB	6732	12149	1.35%	0.122%
42	16.434	2277	2280	2284	rVB5	5108	7393	0.82%	0.074%
43	16.716	2327	2328	2330	rBV	2473	2203	0.25%	0.022%
44	16.763	2330	2336	2340	rVV3	7562	14694	1.64%	0.147%
45	16.816	2340	2345	2349	rVB5	3931	5593	0.62%	0.056%
46	16.916	2359	2362	2367	rVB5	3857	5785	0.64%	0.058%
47	16.987	2369	2374	2378	rVV3	8413	13313	1.48%	0.133%
48	17.028	2378	2381	2385	rVB4	4857	6545	0.73%	0.066%
49	17.116	2394	2396	2403	rBV6	4885	7620	0.85%	0.076%
50	17.186	2403	2408	2409	rBV2	8647	9407	1.05%	0.094%
51	17.245	2416	2418	2421	rBV3	1715	2811	0.31%	0.028%
52	17.286	2421	2425	2431	rVB5	7014	11915	1.33%	0.119%
53	17.463	2447	2455	2459	rBV	291758	466612	51.94%	4.676%
54	17.504	2459	2462	2466	rVB	110034	147116	16.38%	1.474%
55	17.562	2466	2472	2476	rBV	287749	439026	48.87%	4.400%
56	17.645	2482	2486	2491	rVB5	6241	9949	1.11%	0.100%
57	17.821	2510	2516	2519	rBV5	2583	5152	0.57%	0.052%
58	17.903	2521	2530	2535	rVV6	6178	19207	2.14%	0.192%
59	17.938	2535	2536	2540	rVB2	3949	4577	0.51%	0.046%
60	17.980	2540	2543	2549	rVB5	6473	9034	1.01%	0.091%
61	18.173	2574	2576	2579	rVV5	3979	4687	0.52%	0.047%
62	18.203	2579	2581	2586	rVB5	2892	3807	0.42%	0.038%
63	18.338	2600	2604	2608	rBV2	41493	58613	6.52%	0.587%
64	18.391	2608	2613	2620	rVB2	46709	77123	8.59%	0.773%
65	18.467	2621	2626	2631	rVB2	33099	46984	5.23%	0.471%
66	18.532	2631	2637	2641	rBV3	50912	94560	10.53%	0.948%
67	18.761	2673	2676	2678	rBV4	2657	2697	0.30%	0.027%
68	18.831	2684	2688	2693	rVB	30165	41640	4.64%	0.417%
69	19.072	2725	2729	2733	rBV4	10987	17348	1.93%	0.174%
70	19.131	2736	2739	2742	rVB	11139	12199	1.36%	0.122%
71	19.166	2742	2745	2749	rVB3	10569	12041	1.34%	0.121%
72	19.243	2753	2758	2765	rBV3	29094	61181	6.81%	0.613%
73	19.313	2765	2770	2773	rBV7	15377	26488	2.95%	0.265%
74	19.384	2780	2782	2784	rBV2	8484	8506	0.95%	0.085%
75	19.513	2796	2804	2811	rBV	364750	531391	59.15%	5.325%
76	19.566	2811	2813	2817	rVB5	10398	12317	1.37%	0.123%

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77	19.607	2817	2820	2824	rBV5	10898	11366	1.27%	0.114%
78	19.666	2824	2830	2834	rBV	37269	54751	6.09%	0.549%
79	19.760	2840	2846	2849	rBV3	11838	26032	2.90%	0.261%
80	19.848	2855	2861	2864	rBV2	389019	660770	73.55%	6.622%
81	19.942	2873	2877	2884	rVB3	24398	41275	4.59%	0.414%
82	20.007	2886	2888	2889	rBV2	5589	4269	0.48%	0.043%
83	20.054	2891	2896	2901	rVB	29932	50459	5.62%	0.506%
84	20.189	2914	2919	2928	rBV3	35643	100512	11.19%	1.007%
85	20.336	2938	2944	2945	rBV4	25750	44176	4.92%	0.443%
86	20.365	2945	2949	2953	rVB	95159	135773	15.11%	1.361%
87	20.465	2961	2966	2970	rBV2	88545	127610	14.21%	1.279%
88	20.518	2970	2975	2980	rVB4	38948	71714	7.98%	0.719%
89	20.671	2997	3001	3002	rBV2	14575	18074	2.01%	0.181%
90	20.953	3047	3049	3054	rBV5	10492	18854	2.10%	0.189%
91	21.323	3108	3112	3115	rBV	18613	30892	3.44%	0.310%
92	21.364	3115	3119	3123	rVB3	34977	53109	5.91%	0.532%
93	21.622	3159	3163	3167	rVB2	34117	53353	5.94%	0.535%
94	21.740	3174	3183	3188	rBV3	362880	898337	100.00%	9.003%
95	21.793	3188	3192	3203	rVB	151638	276360	30.76%	2.770%
96	21.945	3214	3218	3222	rBV3	20976	36026	4.01%	0.361%
97	22.404	3294	3296	3297	rBV2	12688	9302	1.04%	0.093%
98	23.984	3558	3565	3573	rBV2	87757	312202	34.75%	3.129%
99	24.807	3697	3705	3712	rBV	122296	319178	35.53%	3.199%
100	25.036	3734	3744	3754	rBV	181831	516761	57.52%	5.179%

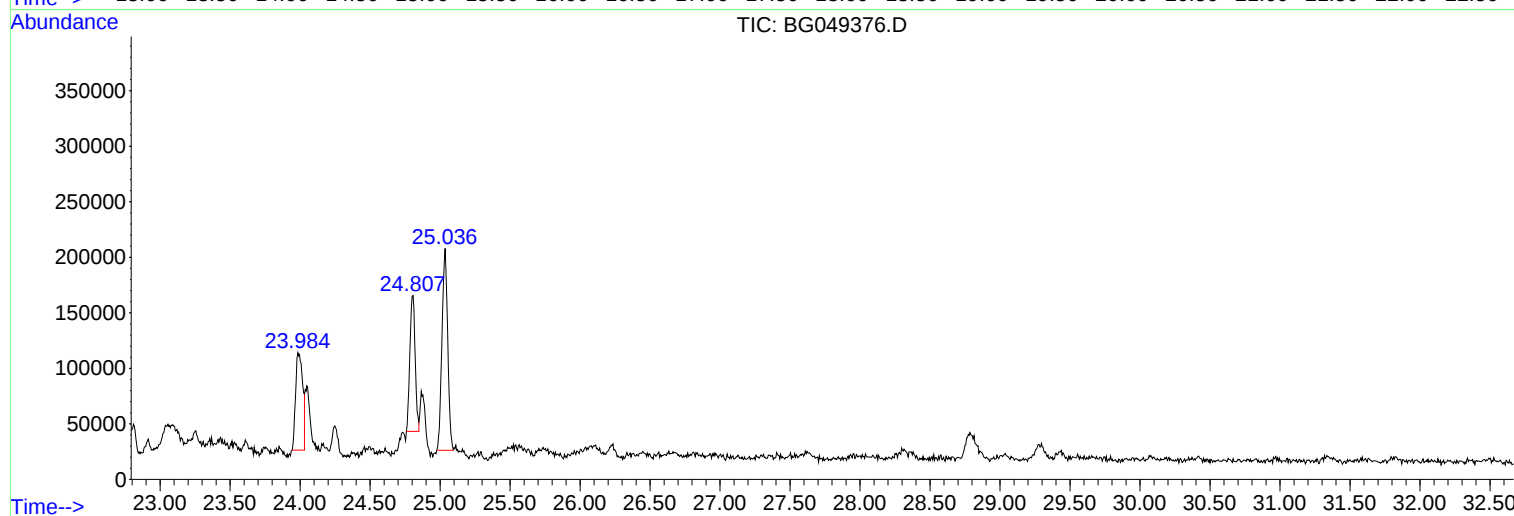
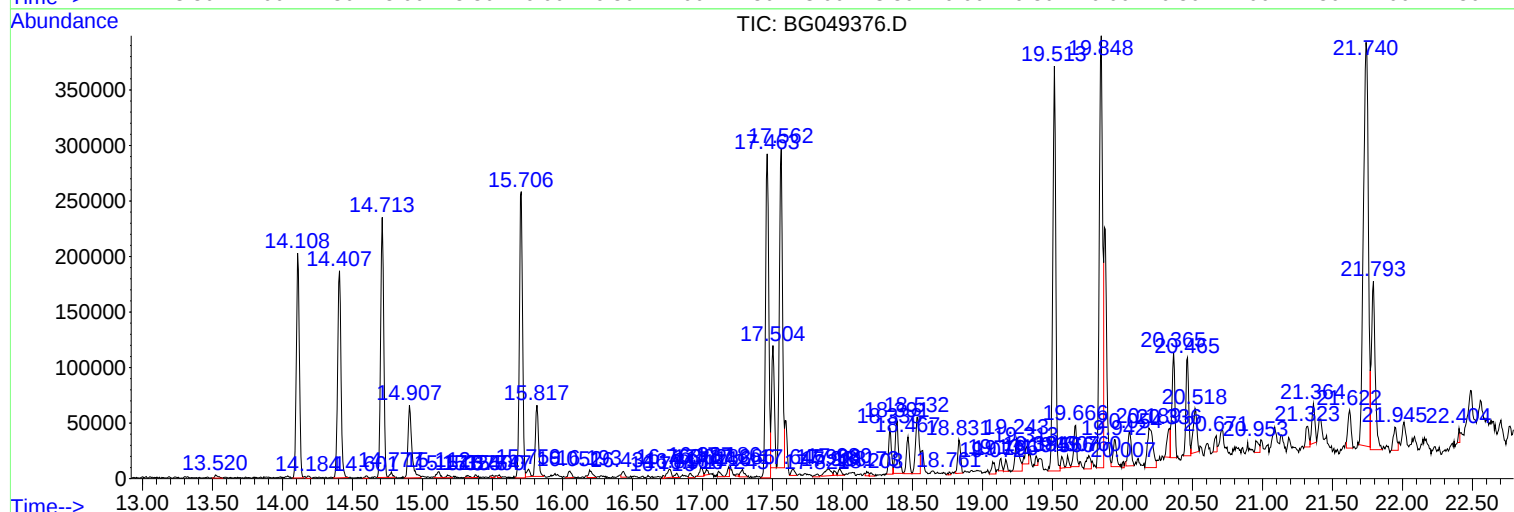
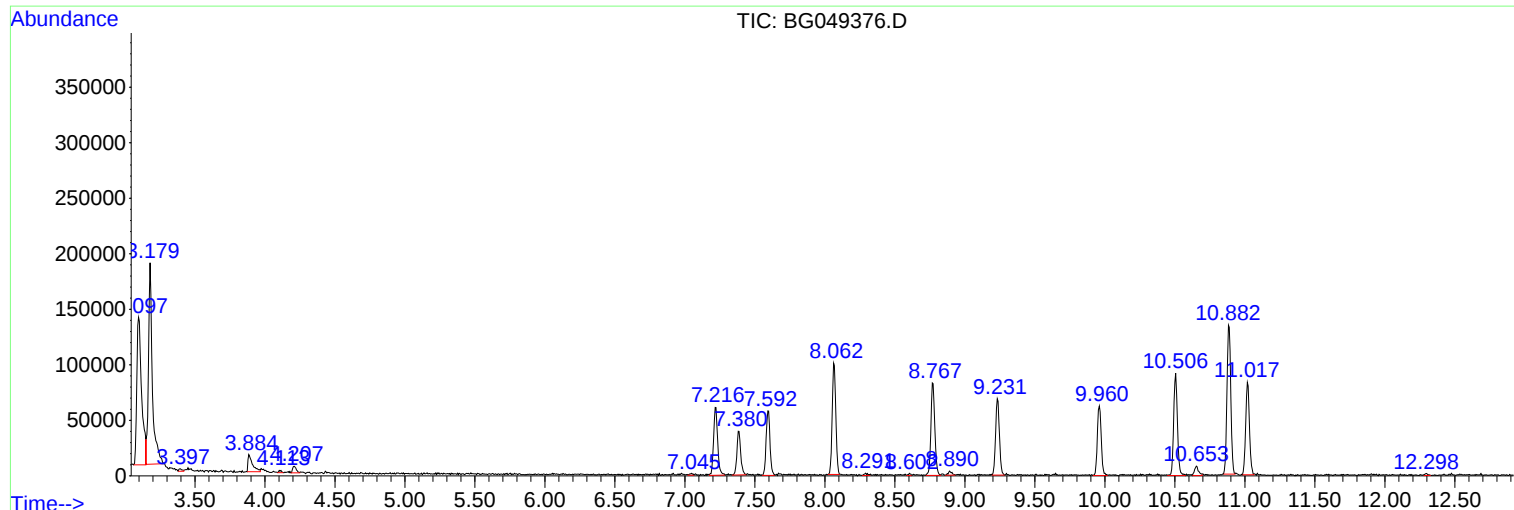
Sum of corrected areas: 9978413

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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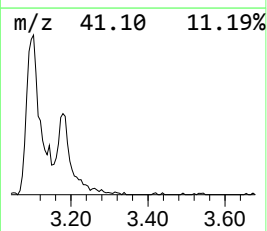
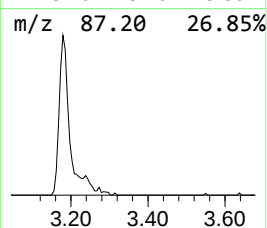
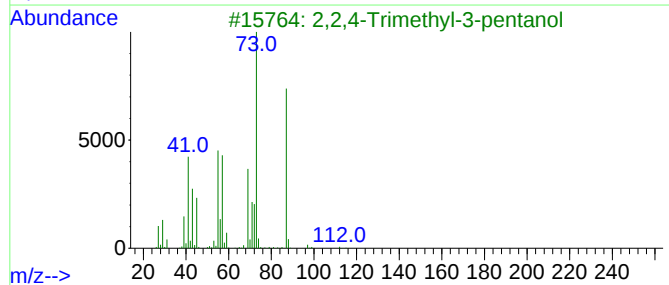
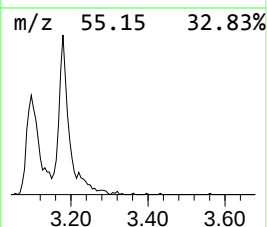
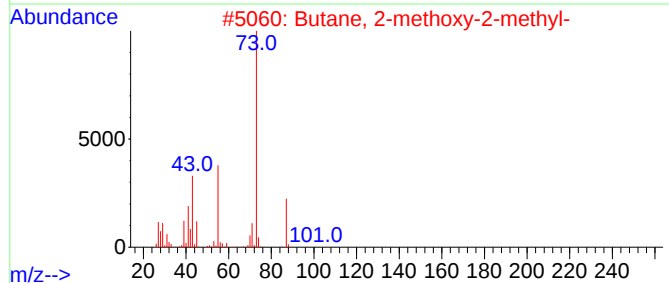
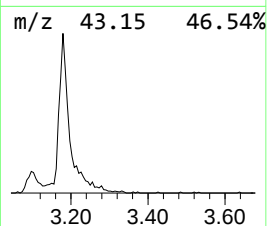
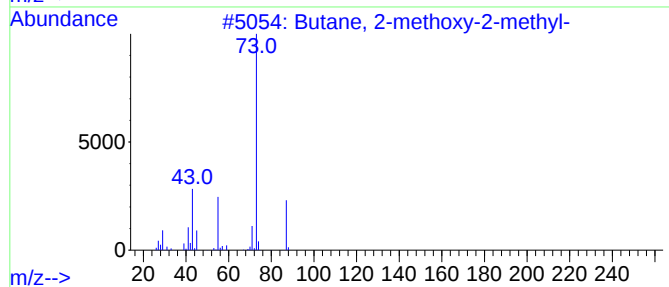
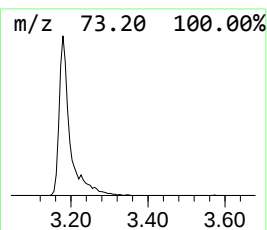
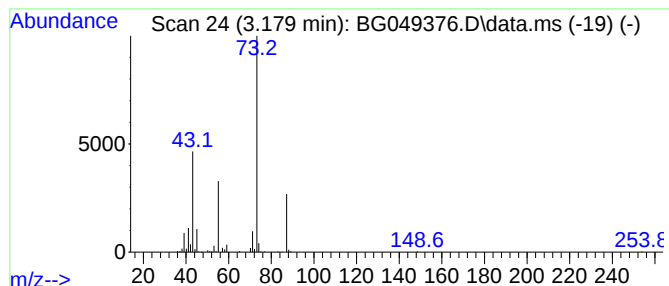
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.180	39.96 ng/ul	352851	1,4-Dichlorobenzene-d4	8.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	42
4			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5			Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	33



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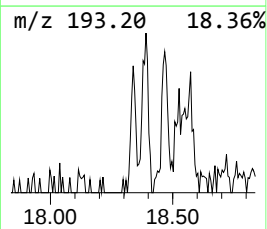
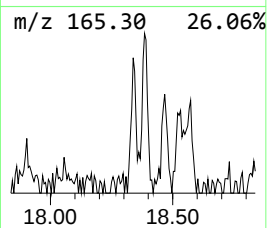
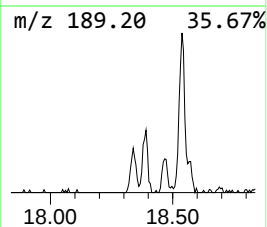
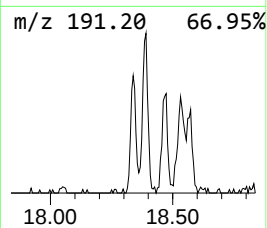
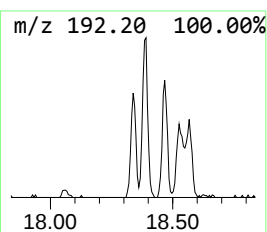
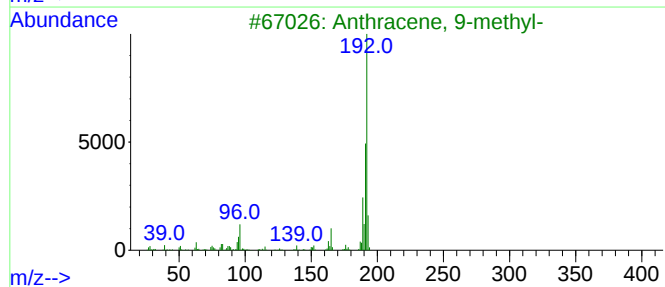
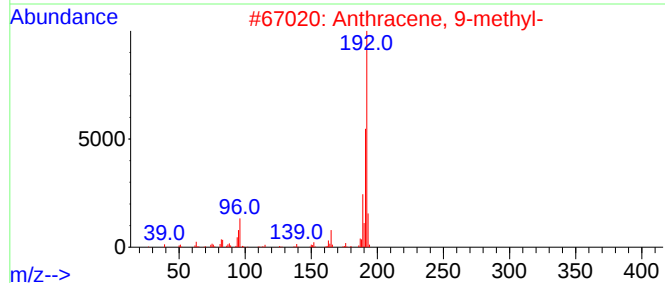
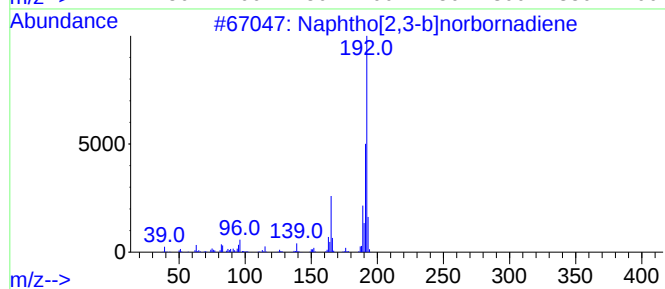
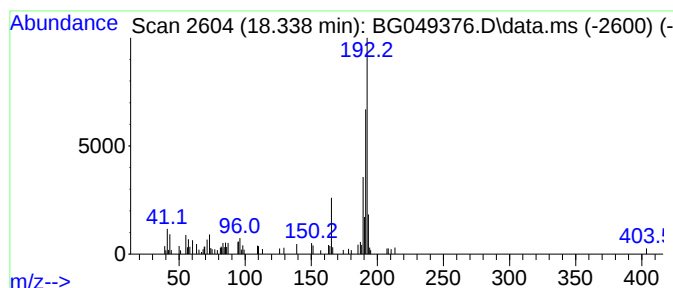
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphtho[2,3-b]norbornadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	2.51 ng/ul	58613	Phenanthrene-d10	17.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



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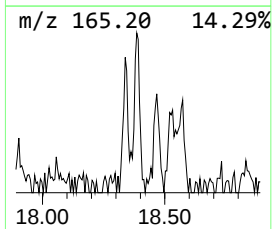
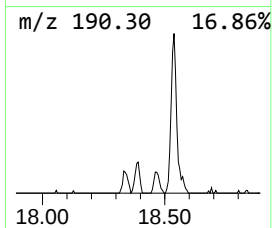
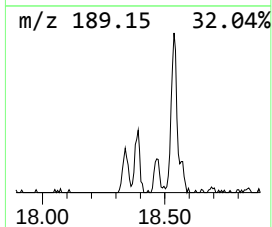
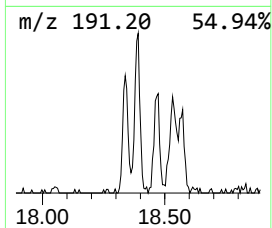
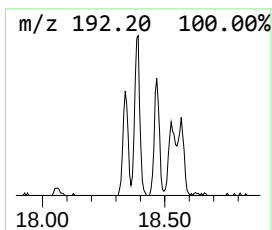
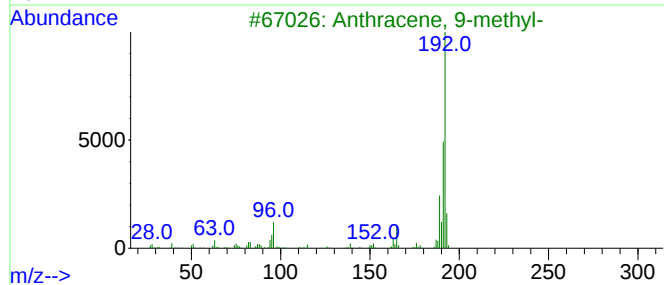
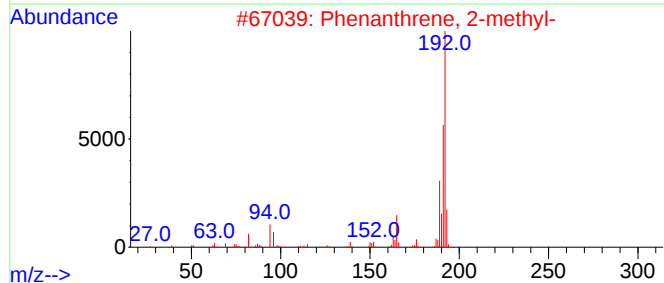
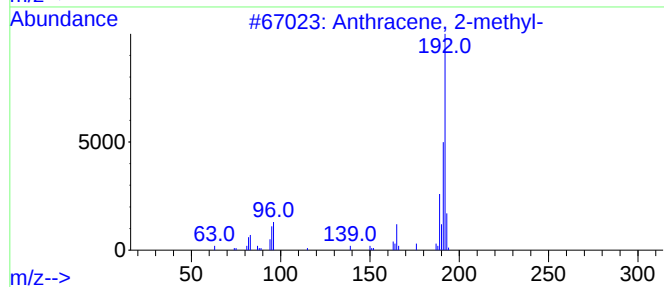
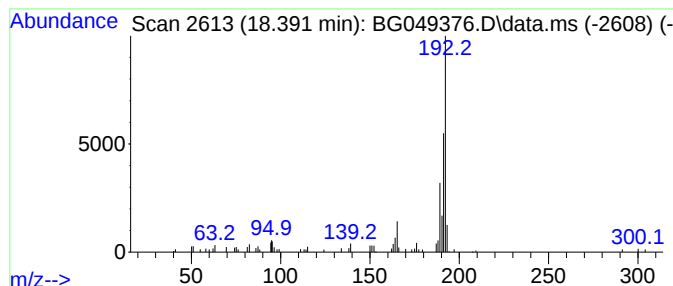
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.390	3.31 ng/ul	77123	Phenanthrene-d10	17.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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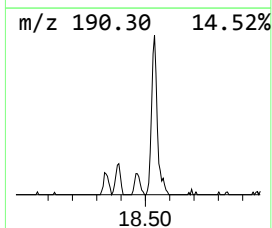
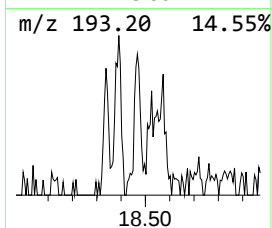
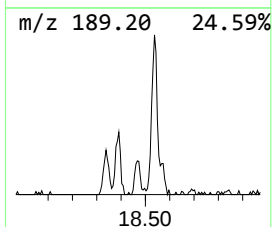
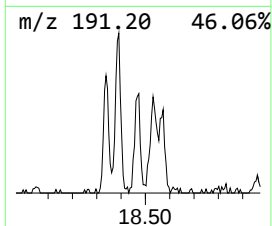
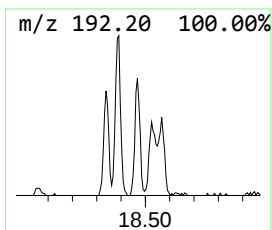
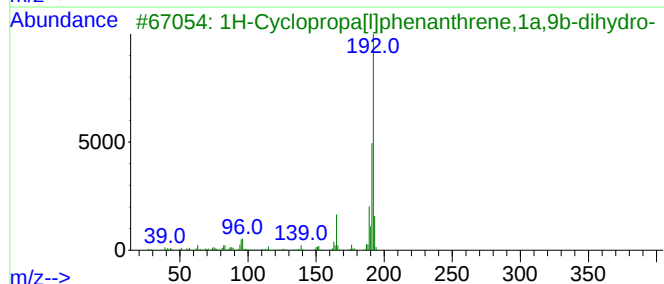
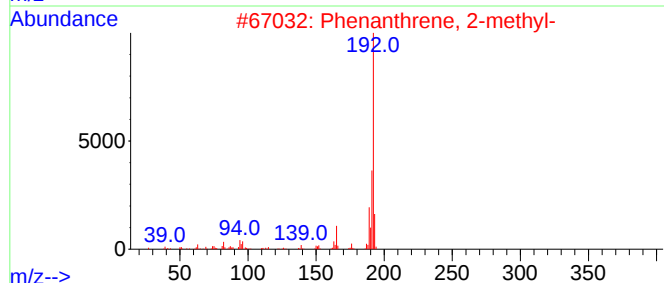
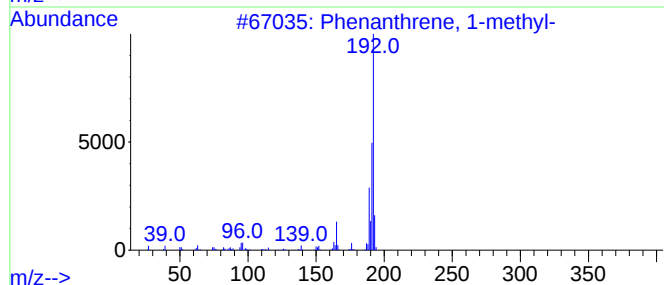
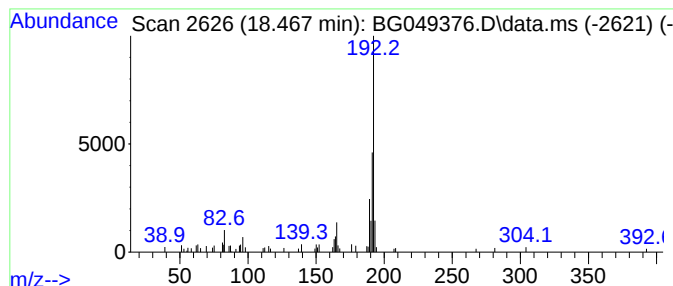
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	2.01 ng/ul	46984	Phenanthrene-d10	17.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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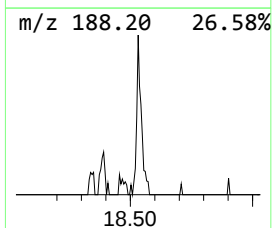
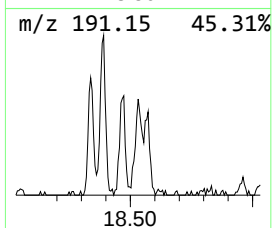
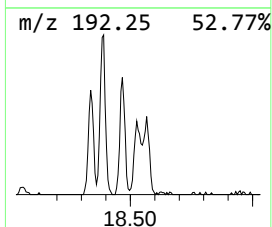
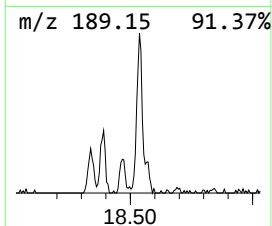
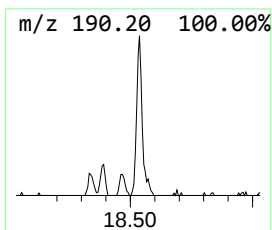
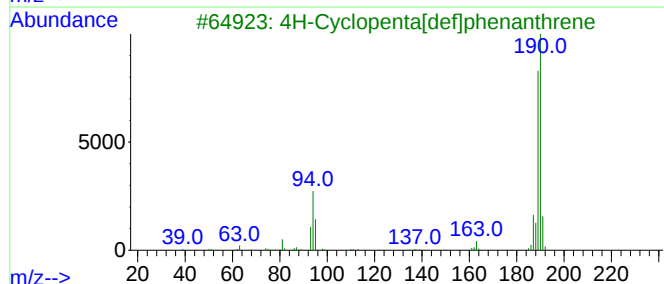
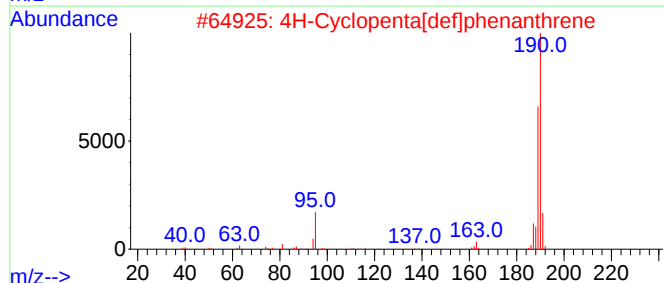
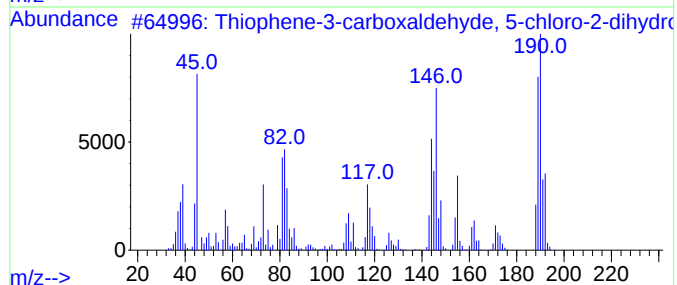
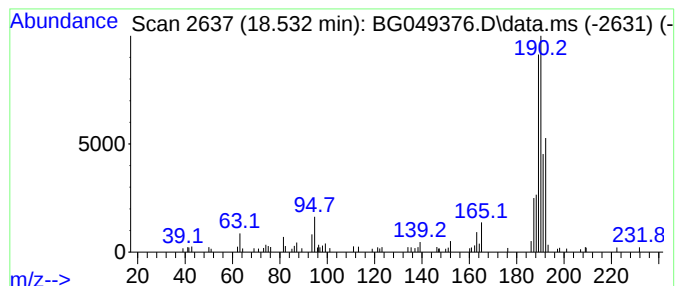
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Thiophene-3-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.530	4.05 ng/ul	94560	Phenanthrene-d10	17.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
5			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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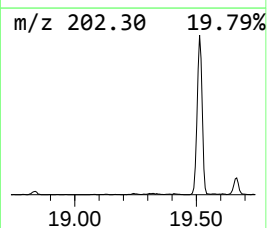
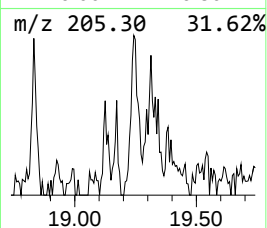
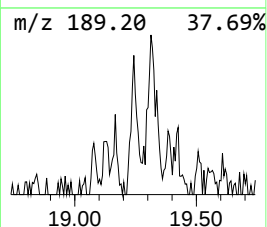
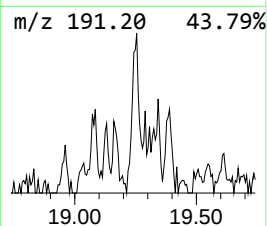
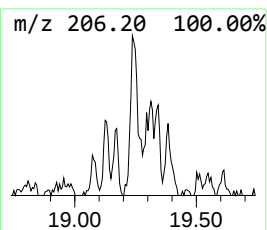
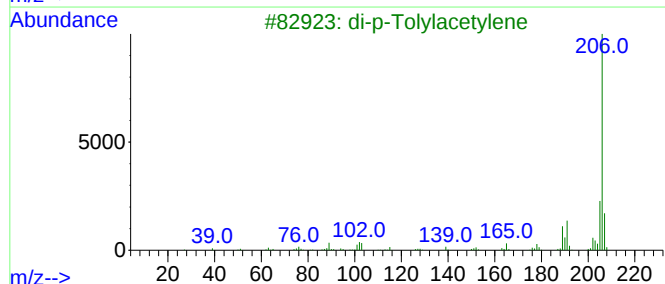
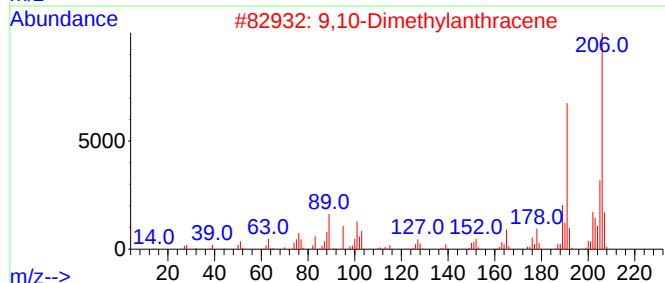
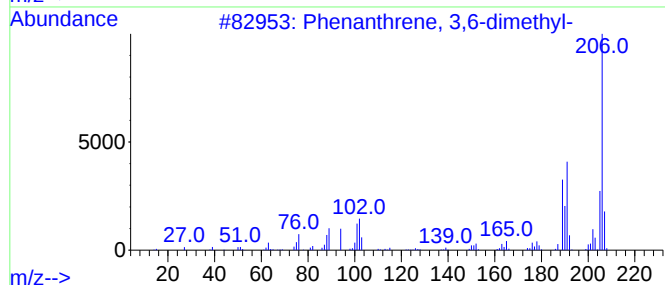
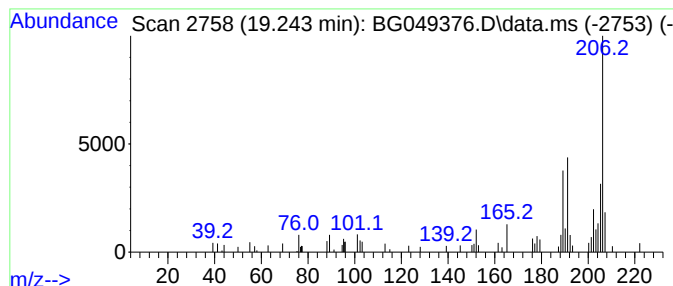
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	2.62 ng/ul	61181	Phenanthrene-d10	17.462

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	87
5			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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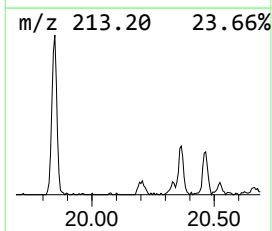
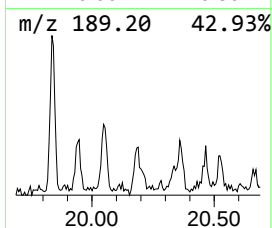
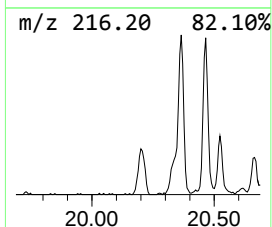
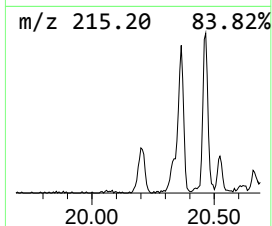
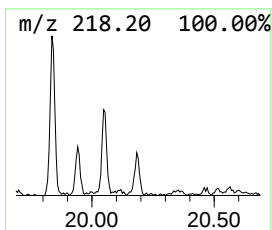
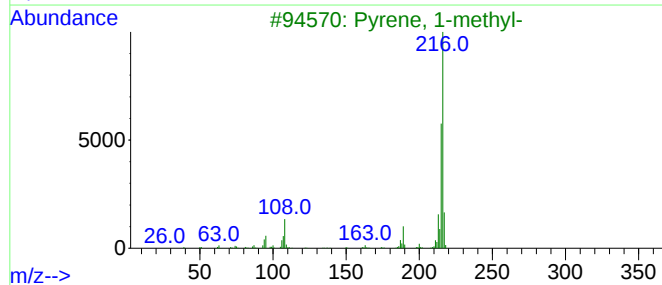
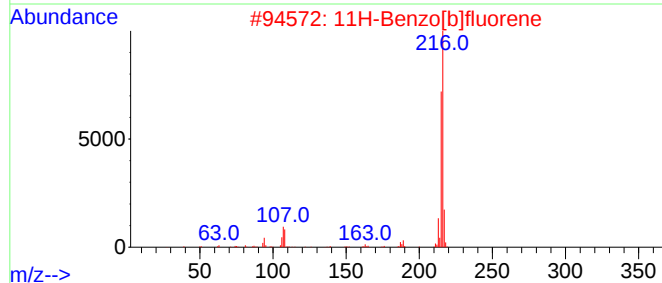
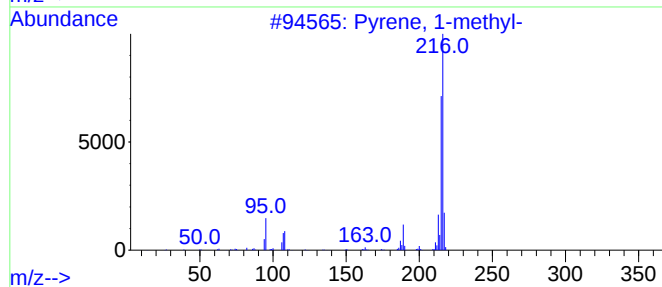
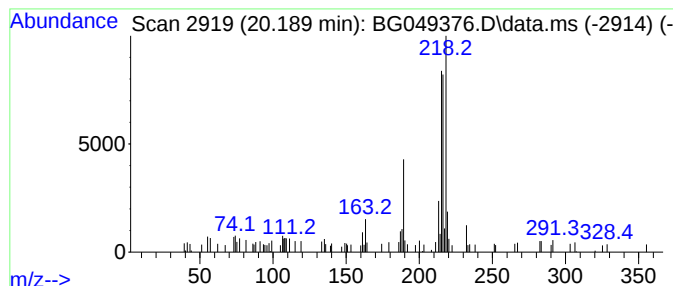
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	2.24 ng/ul	100512	Chrysene-d12	21.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	50
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	43
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
Operator : CG/JU
Sample : M2970-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
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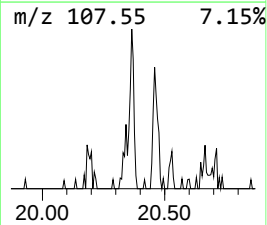
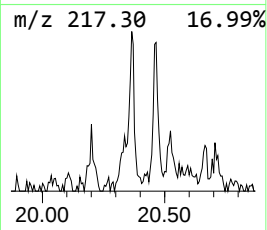
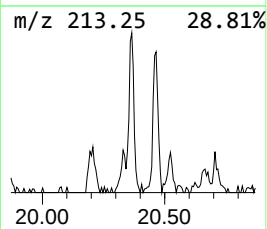
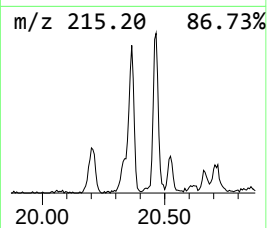
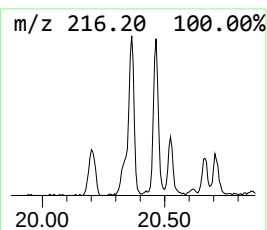
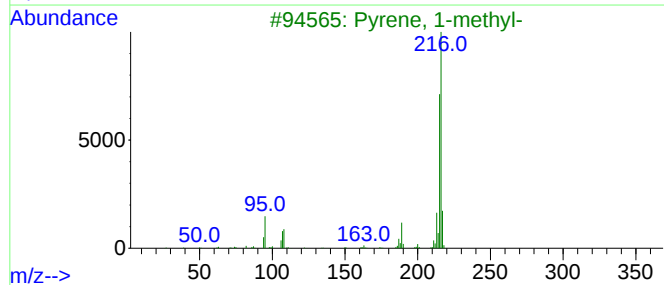
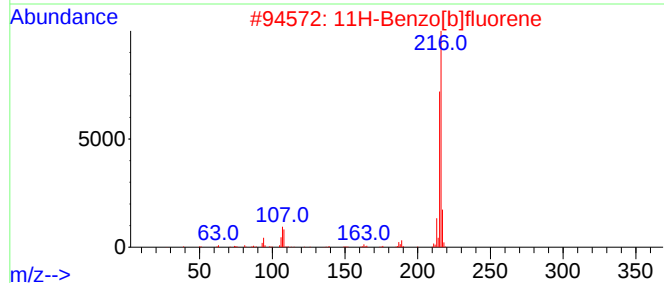
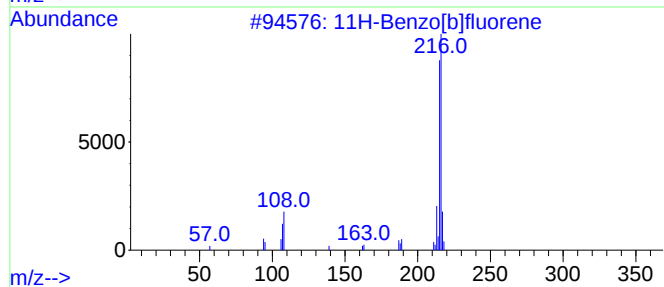
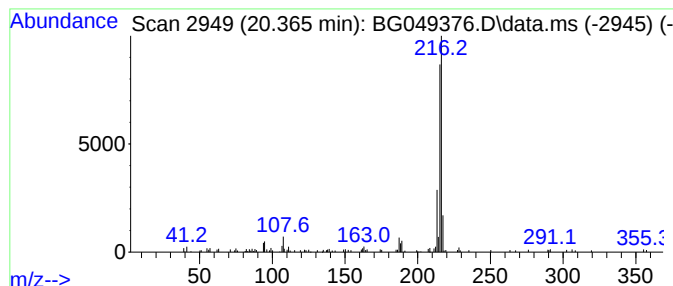
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.370	3.02 ng/ul	135773	Chrysene-d12	21.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
Data File : BG049376.D
Acq On : 16 Jul 2021 13:22
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Sample : M2970-06
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Instrument :
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ClientSampleId :
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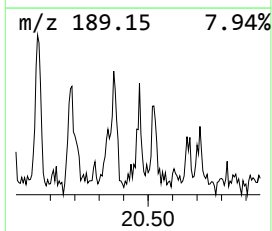
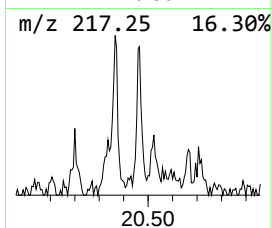
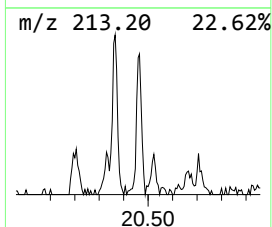
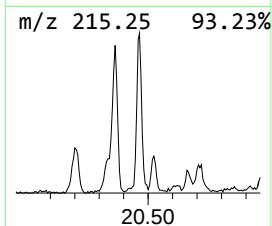
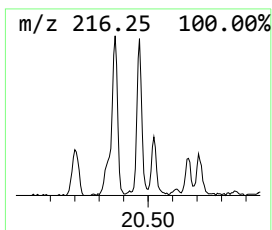
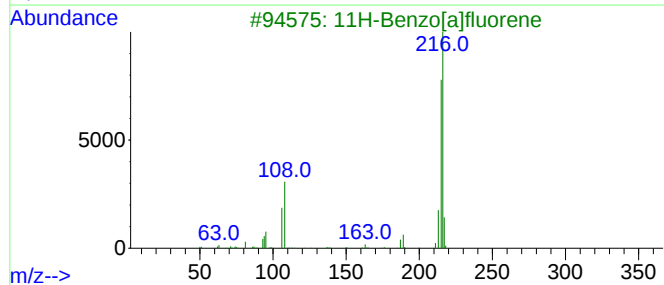
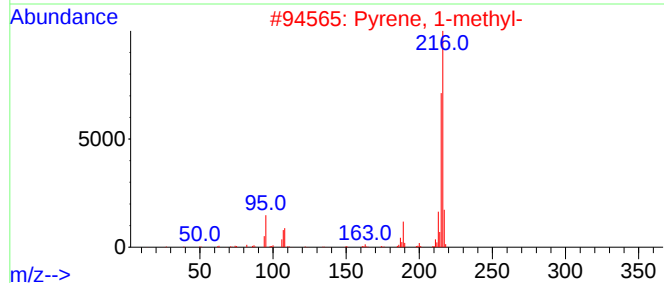
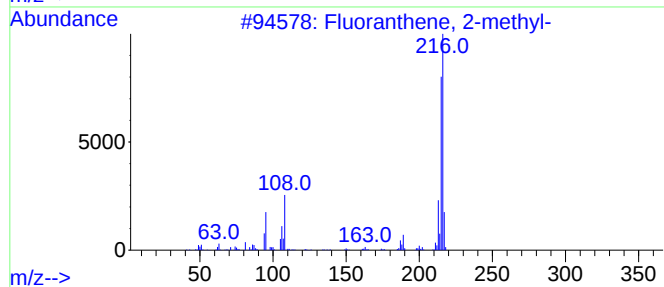
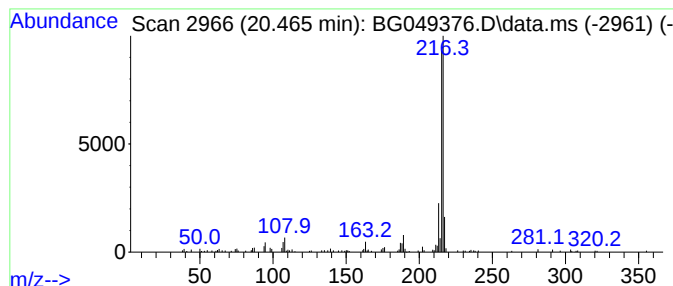
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	2.84 ng/ul	127610	Chrysene-d12	21.746

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071621\
 Data File : BG049376.D
 Acq On : 16 Jul 2021 13:22
 Operator : CG/JU
 Sample : M2970-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGEA1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphtho[2,3-b]n...	18.340	2.5	ng/ul	58613	4	17.462	466612	20.0
Anthracene, 2-m...	18.390	3.3	ng/ul	77123	4	17.462	466612	20.0
Phenanthrene, 1...	18.470	2.0	ng/ul	46984	4	17.462	466612	20.0
Thiophene-3-car...	18.530	4.0	ng/ul	94560	4	17.462	466612	20.0
Phenanthrene, 3...	19.240	2.6	ng/ul	61181	4	17.462	466612	20.0
Pyrene, 1-methyl-	20.190	2.2	ng/ul	100512	5	21.746	898337	20.0
11H-Benzo[b]flu...	20.370	3.0	ng/ul	135773	5	21.746	898337	20.0
Fluoranthene, 2...	20.460	2.8	ng/ul	127610	5	21.746	898337	20.0