

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014965.D
 Acq On : 04 May 2023 22:14
 Operator : CG/JU
 Sample : 02447-22 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW940

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_P\Methods\SFAM-EPA-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.923	88	91	102	rVV	29702	46448	0.73%	0.078%
2	4.017	103	107	113	rVB	40981	53853	0.85%	0.091%
3	4.246	142	146	152	rVB	27060	38617	0.61%	0.065%
4	6.664	548	557	563	rBV2	10983	20758	0.33%	0.035%
5	6.828	577	585	596	rVB	2407321	3797763	59.79%	6.418%
6	7.093	625	630	634	rBV3	26250	46308	0.73%	0.078%
7	7.134	634	637	642	rVV	63510	97572	1.54%	0.165%
8	7.311	658	667	680	rBV	52497	103028	1.62%	0.174%
9	7.481	687	696	704	rVB2	52078	94239	1.48%	0.159%
10	7.593	709	715	724	rVB	453412	702772	11.06%	1.188%
11	7.687	724	731	739	rBV	57664	95972	1.51%	0.162%
12	8.064	789	795	801	rVB	124249	198125	3.12%	0.335%
13	8.164	805	812	821	rBV	1341341	2155876	33.94%	3.644%
14	8.299	828	835	841	rVB	69692	108081	1.70%	0.183%
15	8.387	841	850	856	rVV	72460	110263	1.74%	0.186%
16	8.875	928	933	941	rVB	46095	80899	1.27%	0.137%
17	9.340	1007	1012	1021	rVB	40741	72993	1.15%	0.123%
18	9.763	1076	1084	1089	rBV6	13258	22818	0.36%	0.039%
19	10.069	1129	1136	1148	rBV	32916	67822	1.07%	0.115%
20	10.299	1169	1175	1186	rVB9	18736	38505	0.61%	0.065%
21	10.610	1220	1228	1236	rBV	58659	117255	1.85%	0.198%
22	10.999	1283	1294	1300	rBV	1654350	2842583	44.75%	4.804%
23	11.052	1300	1303	1309	rVV	57478	91714	1.44%	0.155%
24	11.134	1312	1317	1329	rVB7	17086	45917	0.72%	0.078%
25	12.646	1570	1574	1582	rVB	20728	34956	0.55%	0.059%
26	12.863	1605	1611	1619	rVB	25580	45026	0.71%	0.076%
27	13.687	1746	1751	1758	rVB4	13397	28142	0.44%	0.048%
28	13.969	1793	1799	1801	rBV3	14049	23625	0.37%	0.040%
29	14.081	1809	1818	1822	rBV2	72841	112259	1.77%	0.190%
30	14.128	1822	1826	1831	rVV3	33490	57478	0.90%	0.097%
31	14.204	1831	1839	1845	rVV	96920	170884	2.69%	0.289%
32	14.498	1884	1889	1892	rBV2	111640	179939	2.83%	0.304%
33	14.528	1892	1894	1903	rVB	78315	117675	1.85%	0.199%
34	14.804	1931	1941	1948	rBV	2116668	3163500	49.80%	5.347%
35	14.869	1948	1952	1960	rVB	105479	161517	2.54%	0.273%
36	15.010	1970	1976	1985	rBV5	16003	41976	0.66%	0.071%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Title : SVOA CALIBRATION

37	15.204	2002	2009	2016	rVB2	63155	105431	1.66%	0.178%
38	15.275	2016	2021	2026	rBV2	17354	26806	0.42%	0.045%
39	15.416	2040	2045	2050	rVB4	15704	27358	0.43%	0.046%
40	15.469	2050	2054	2059	rVB	13604	20525	0.32%	0.035%
41	15.593	2068	2075	2078	rBV5	13537	29248	0.46%	0.049%
42	15.634	2078	2082	2085	rVB4	14722	21620	0.34%	0.037%
43	15.798	2105	2110	2114	rVV	142572	197713	3.11%	0.334%
44	15.851	2114	2119	2126	rVV	119707	175490	2.76%	0.297%
45	16.157	2165	2171	2180	rVB2	76608	132178	2.08%	0.223%
46	16.292	2190	2194	2202	rVB	29415	58107	0.91%	0.098%
47	16.528	2231	2234	2241	rVB6	28597	42213	0.66%	0.071%
48	16.857	2283	2290	2295	rBV4	26050	49953	0.79%	0.084%
49	16.910	2295	2299	2304	rVB6	16126	24638	0.39%	0.042%
50	17.128	2332	2336	2339	rVB4	18759	24535	0.39%	0.041%
51	17.210	2346	2350	2355	rBV	46768	68858	1.08%	0.116%
52	17.292	2360	2364	2370	rVV5	27230	56653	0.89%	0.096%
53	17.381	2374	2379	2386	rVB	82685	126350	1.99%	0.214%
54	17.563	2404	2410	2413	rBV	2263991	3263435	51.38%	5.515%
55	17.604	2413	2417	2422	rVV	1771430	2413375	37.99%	4.079%
56	17.657	2422	2426	2429	rVV2	161229	247918	3.90%	0.419%
57	17.692	2429	2432	2437	rVV	378905	506305	7.97%	0.856%
58	17.751	2437	2442	2447	rVB3	28148	56635	0.89%	0.096%
59	17.957	2471	2477	2482	rBV	129298	204759	3.22%	0.346%
60	18.075	2493	2497	2502	rBV	33708	45669	0.72%	0.077%
61	18.134	2504	2507	2514	rVB2	39027	54647	0.86%	0.092%
62	18.416	2550	2555	2559	rBV	205829	284636	4.48%	0.481%
63	18.463	2559	2563	2569	rVB	244259	333716	5.25%	0.564%
64	18.539	2572	2576	2581	rBV	76600	102909	1.62%	0.174%
65	18.604	2581	2587	2591	rBV3	328731	584812	9.21%	0.988%
66	18.639	2591	2593	2598	rVB	136562	156822	2.47%	0.265%
67	18.751	2609	2612	2615	rBV4	29676	36411	0.57%	0.062%
68	18.892	2632	2636	2640	rBV	157545	193455	3.05%	0.327%
69	18.934	2640	2643	2648	rVB2	109498	147729	2.33%	0.250%
70	19.128	2674	2676	2681	rVB2	47030	49618	0.78%	0.084%
71	19.175	2682	2684	2688	rVV	37663	43718	0.69%	0.074%
72	19.298	2700	2705	2710	rBV	116072	216939	3.42%	0.367%
73	19.434	2724	2728	2736	rBV2	143793	238249	3.75%	0.403%
74	19.551	2743	2748	2755	rBV	3560749	4619862	72.73%	7.808%
75	19.645	2761	2764	2768	rBV	71443	77003	1.21%	0.130%
76	19.786	2785	2788	2797	rVB3	121136	201358	3.17%	0.340%

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 Title : SVOA CALIBRATION

77	19.875	2798	2803	2805	rVV2	653086	1013369	15.95%	1.713%
78	19.904	2805	2808	2815	rVV	3018973	4005431	63.06%	6.769%
79	19.969	2817	2819	2825	rVB2	118231	155621	2.45%	0.263%
80	20.081	2834	2838	2843	rVB	235823	317387	5.00%	0.536%
81	20.139	2845	2848	2853	rVB	137202	184408	2.90%	0.312%
82	20.233	2856	2864	2868	rBV4	155394	398192	6.27%	0.673%
83	20.381	2886	2889	2895	rVB	305066	449263	7.07%	0.759%
84	20.480	2902	2906	2909	rBV2	191456	242384	3.82%	0.410%
85	20.539	2913	2916	2920	rVB	188576	242274	3.81%	0.409%
86	20.610	2925	2928	2934	rVV2	131625	169809	2.67%	0.287%
87	20.675	2936	2939	2943	rBV2	139723	205404	3.23%	0.347%
88	20.722	2944	2947	2950	rVB	100413	124647	1.96%	0.211%
89	21.110	3010	3013	3019	rVB	238763	290788	4.58%	0.491%
90	21.275	3039	3041	3043	rBV	170290	186888	2.94%	0.316%
91	21.304	3043	3046	3051	rVB2	557955	808553	12.73%	1.367%
92	21.357	3052	3055	3059	rVV2	258868	346123	5.45%	0.585%
93	21.404	3060	3063	3074	rVB2	311655	483990	7.62%	0.818%
94	21.639	3096	3103	3107	rBV2	3103973	6351840	100.00%	10.735%
95	21.680	3107	3110	3121	rVB	1544278	2082879	32.79%	3.520%
96	21.810	3129	3132	3137	rBV	252302	340256	5.36%	0.575%
97	23.439	3403	3409	3415	rBV	1122709	2878704	45.32%	4.865%
98	24.010	3500	3506	3512	rBV	671232	1360627	21.42%	2.300%
99	24.121	3519	3525	3533	rVB	1026543	2258316	35.55%	3.817%
100	24.239	3538	3545	3551	rBV2	1801856	3817505	60.10%	6.452%

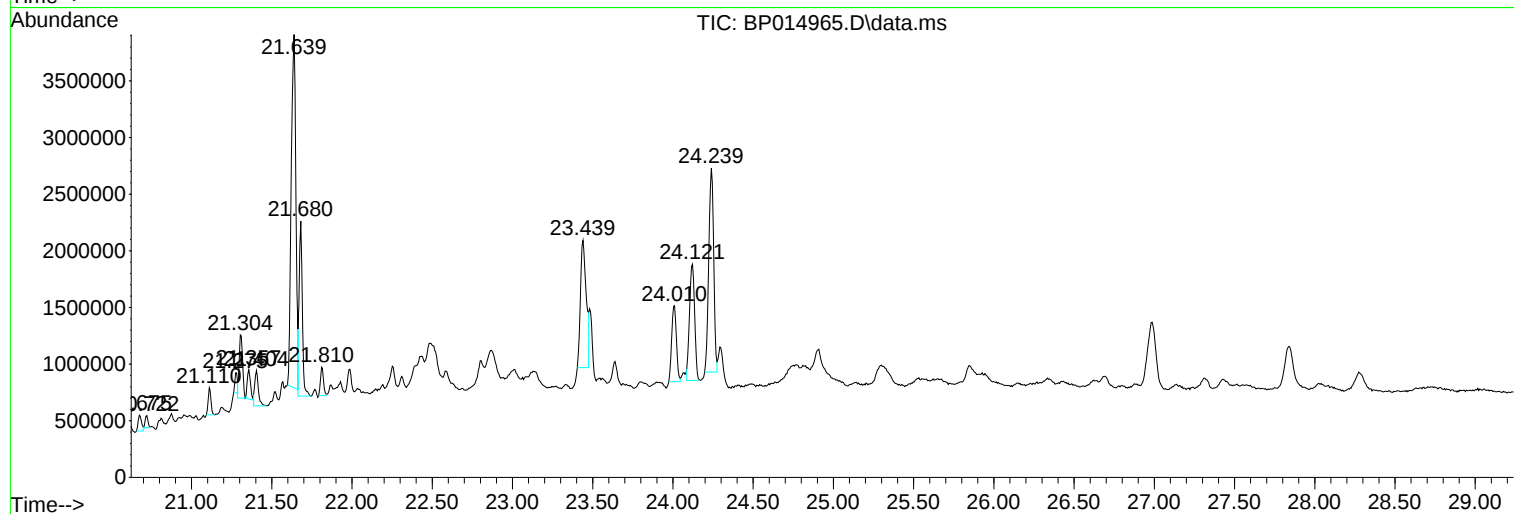
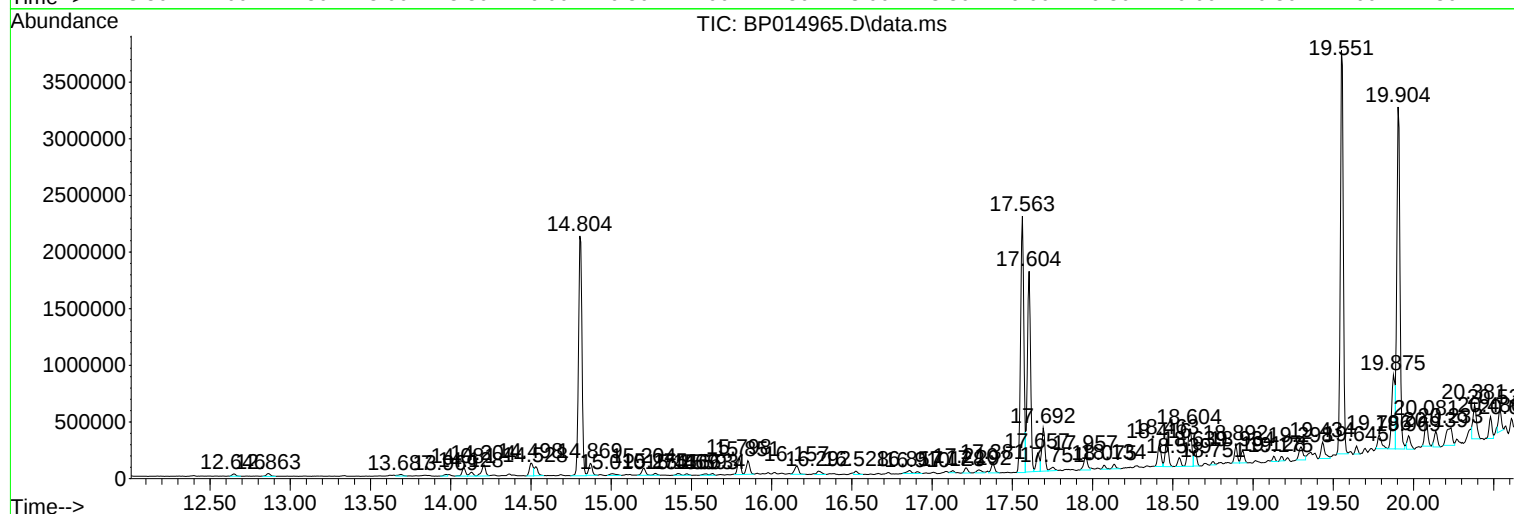
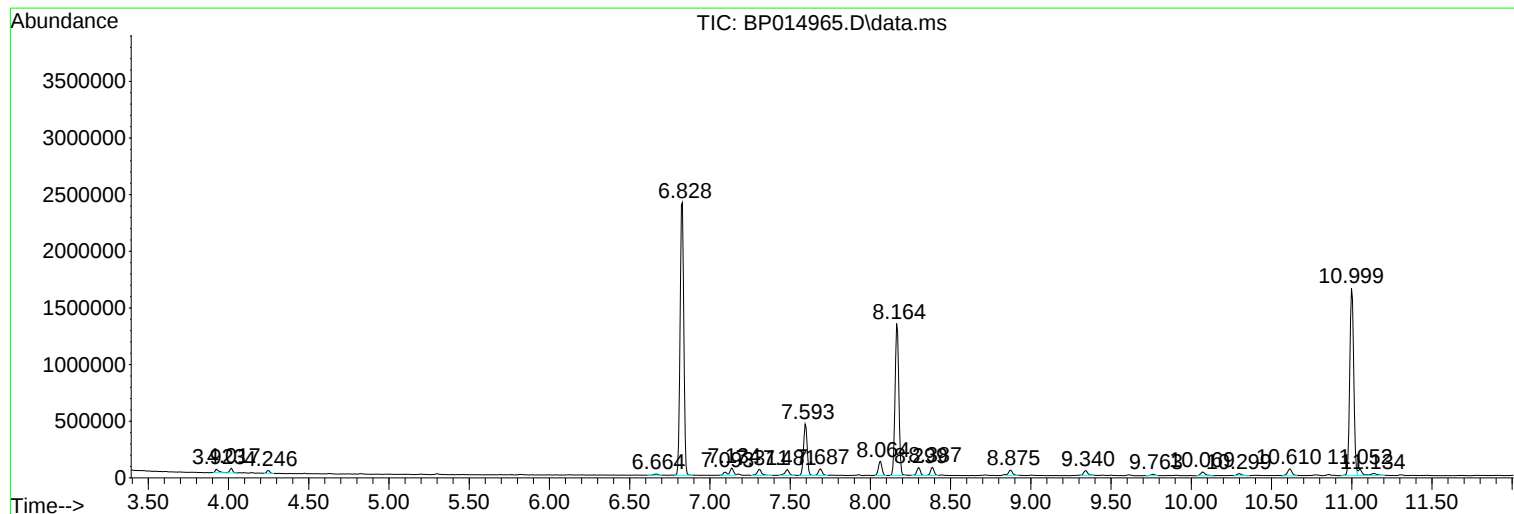
Sum of corrected areas: 59169472

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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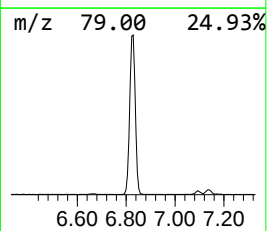
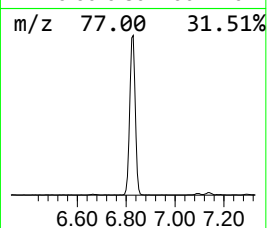
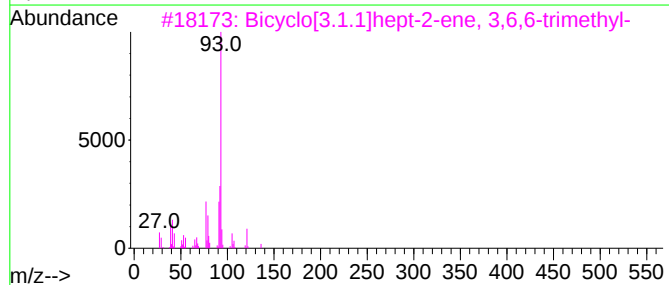
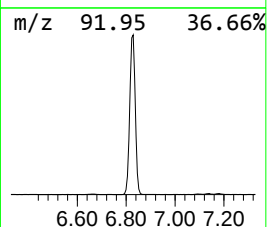
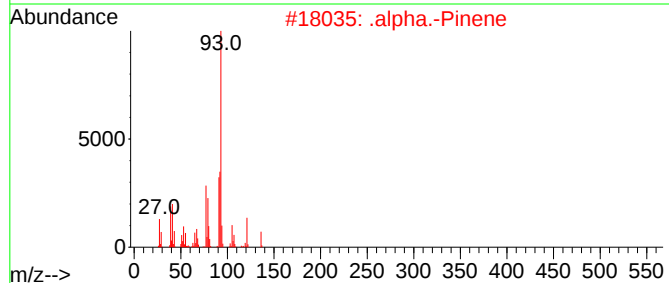
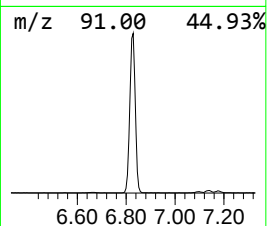
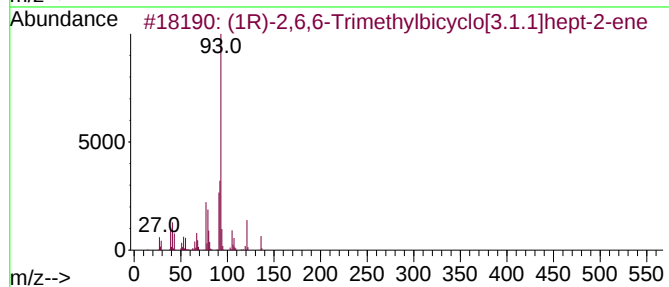
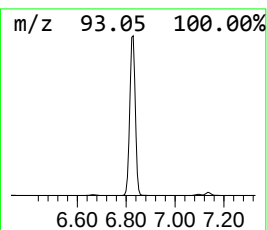
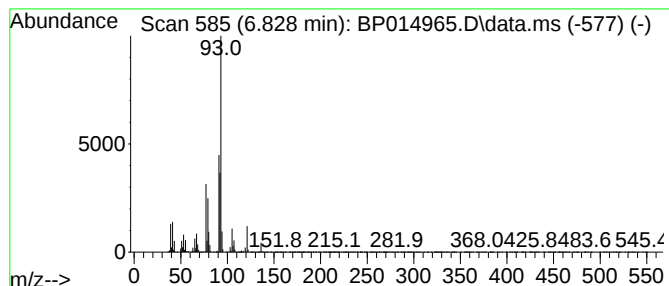
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.828	35.23 ng/ul	3797760	1,4-Dichlorobenzene-d4	8.164

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95		
2	.alpha.-Pinene	136	C10H16	000080-56-8	95		
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94		
4	.alpha.-Pinene	136	C10H16	000080-56-8	94		
5	.alpha.-Pinene	136	C10H16	000080-56-8	91		



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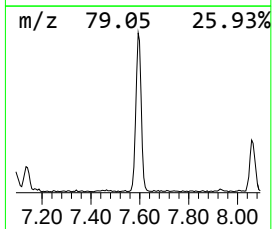
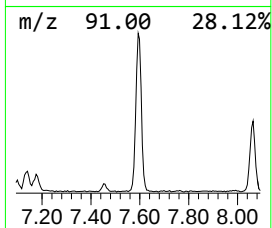
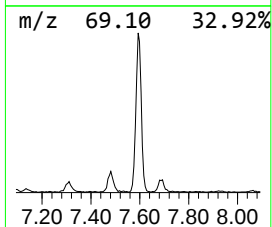
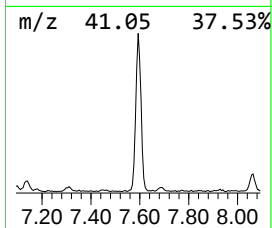
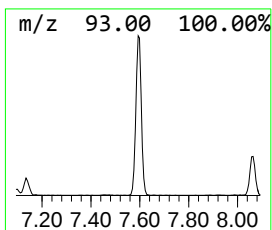
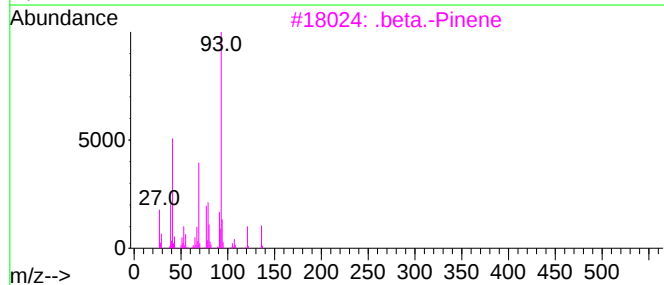
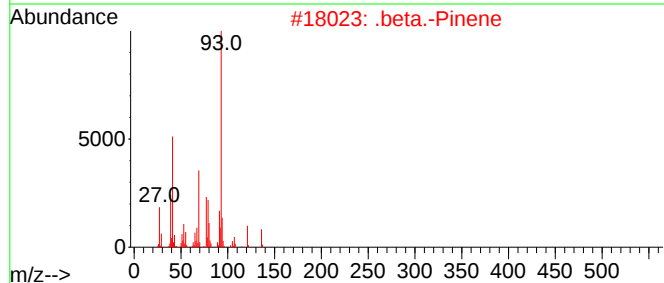
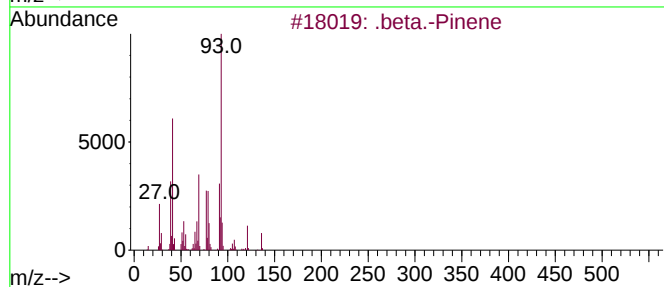
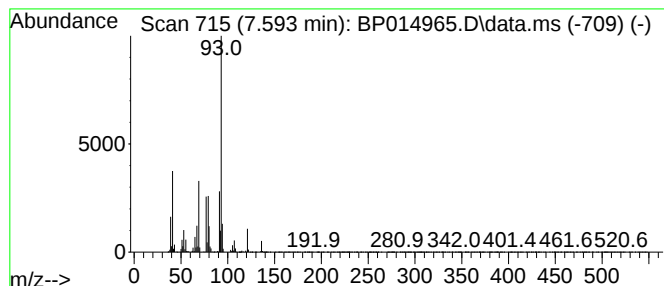
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.593	6.52 ng/ul	702772	1,4-Dichlorobenzene-d4	8.164

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	93
2		.beta.-Pinene	136	C10H16	000127-91-3	91
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91



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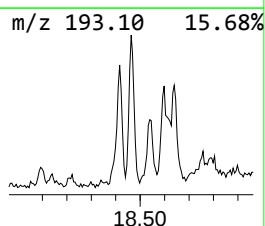
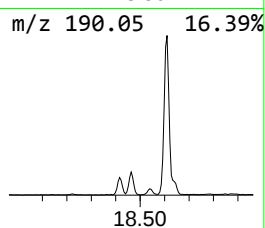
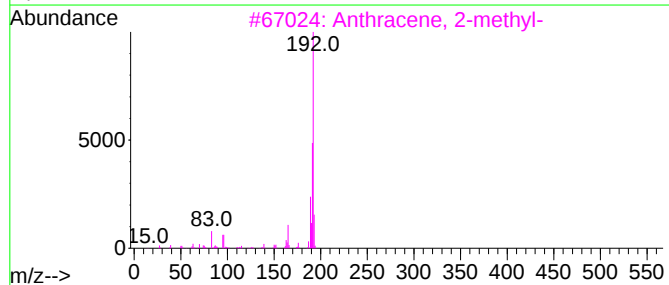
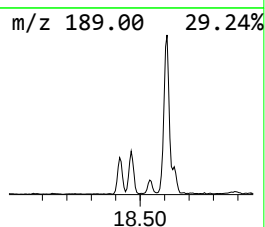
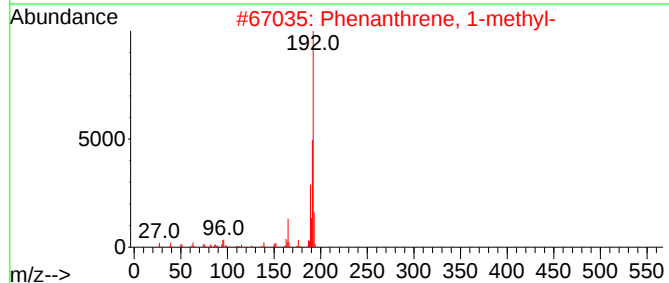
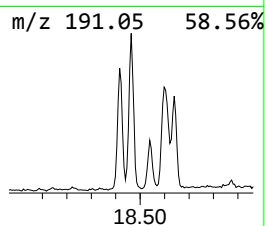
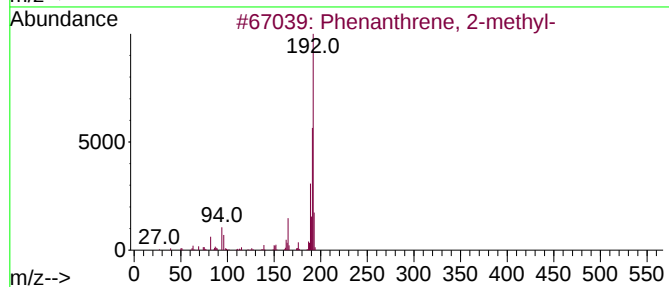
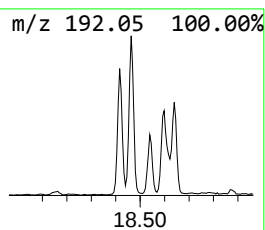
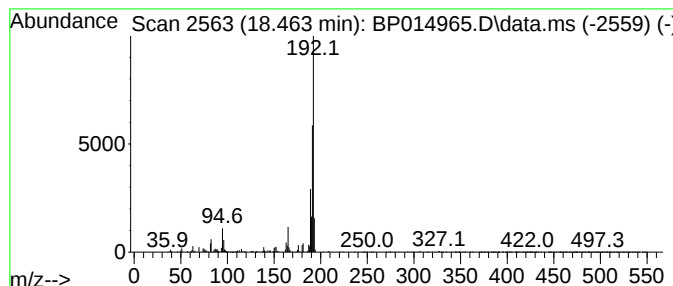
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	2.05 ng/ul	333716	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
Operator : CG/JU
Sample : 02447-22 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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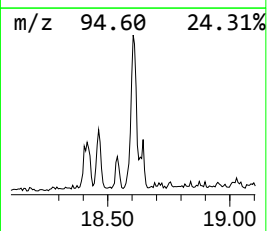
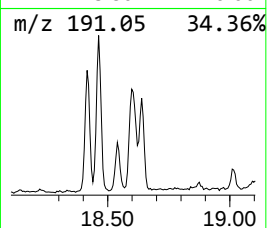
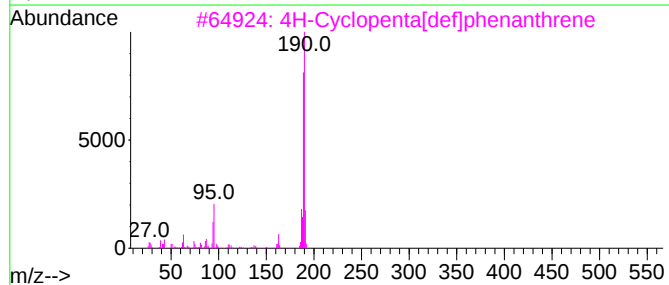
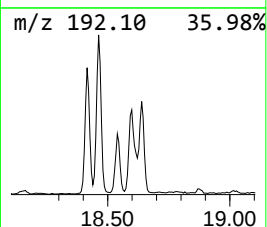
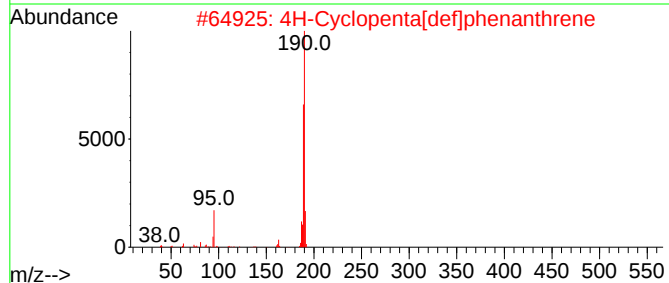
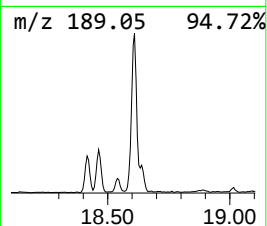
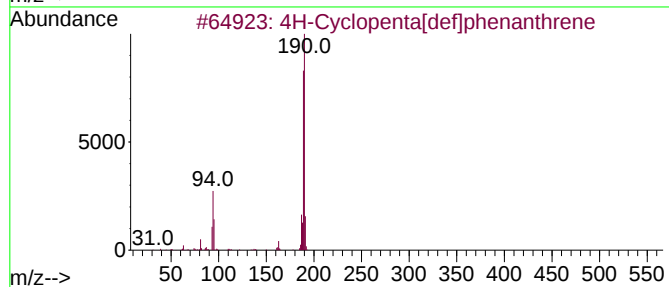
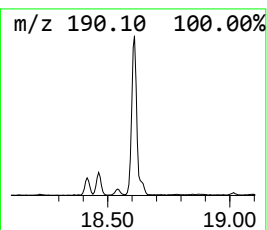
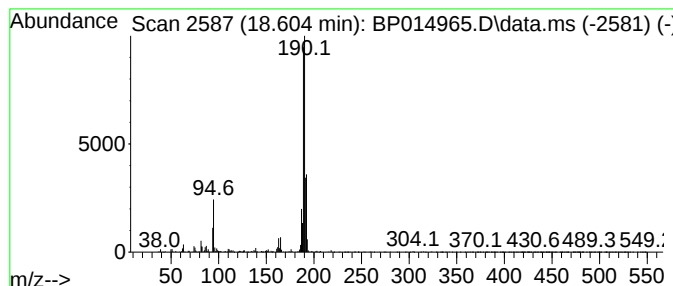
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	3.58 ng/ul	584812	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
Operator : CG/JU
Sample : 02447-22 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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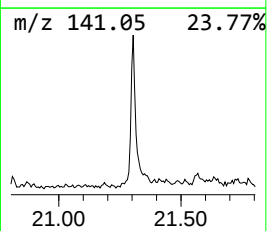
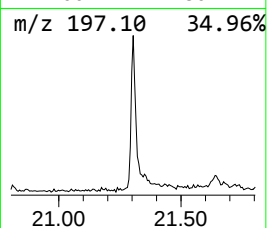
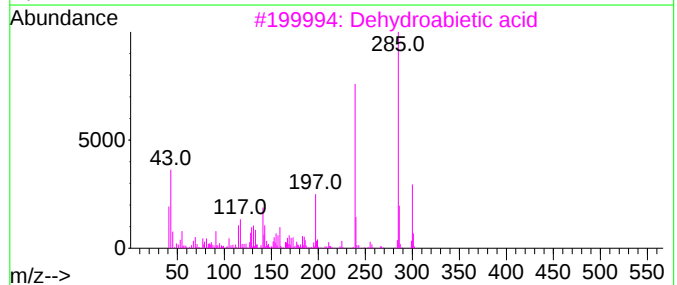
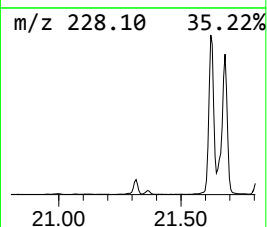
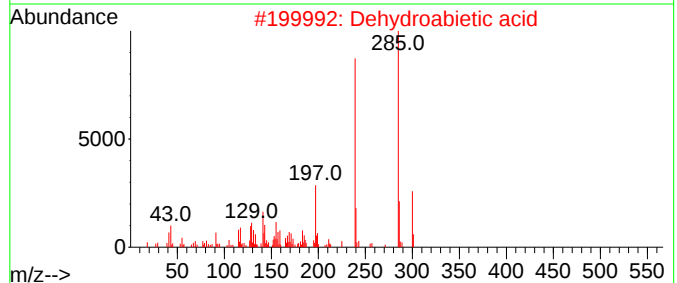
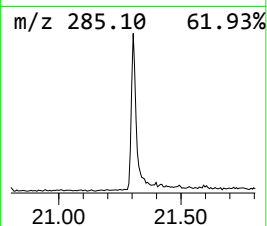
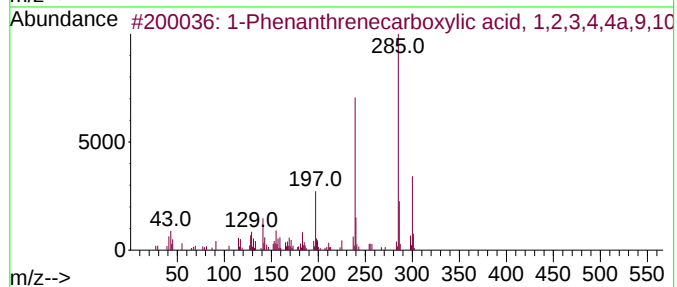
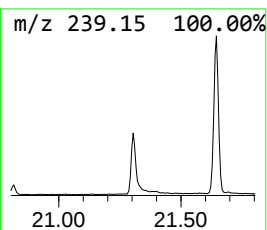
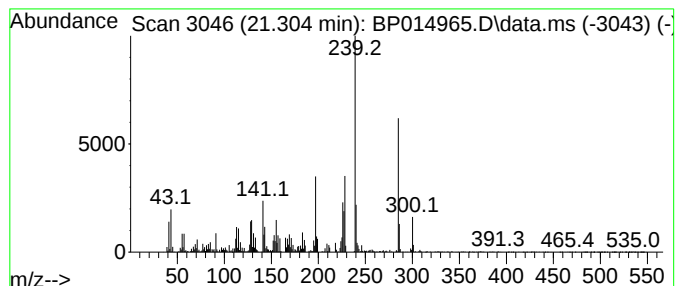
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Phenanthrenecarboxylic ac... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	2.55 ng/ul	808553	Chrysene-d12	21.639

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	94
2			Dehydroabietic acid	300	C20H28O2	001740-19-8	91
3			Dehydroabietic acid	300	C20H28O2	001740-19-8	90
4			Dehydroabietic acid	300	C20H28O2	001740-19-8	90
5			Dehydroabietic acid	300	C20H28O2	001740-19-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
Operator : CG/JU
Sample : 02447-22 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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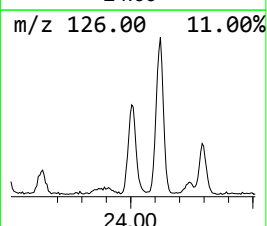
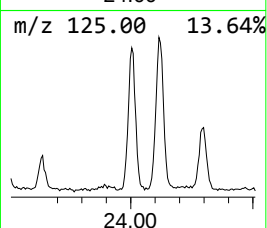
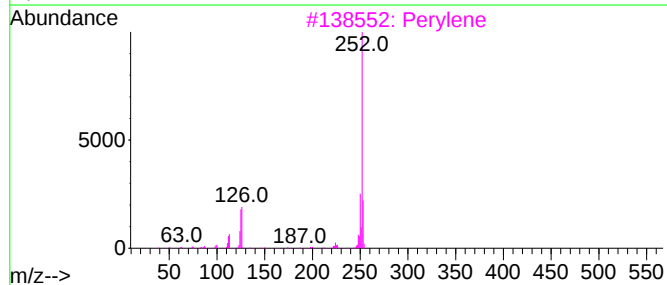
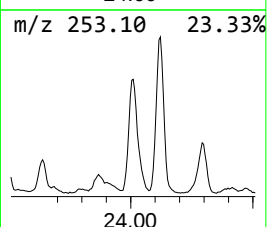
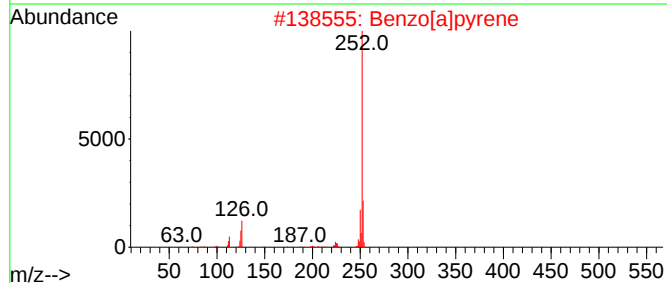
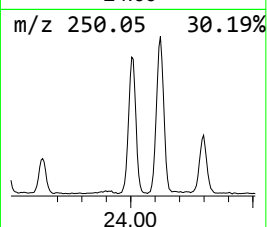
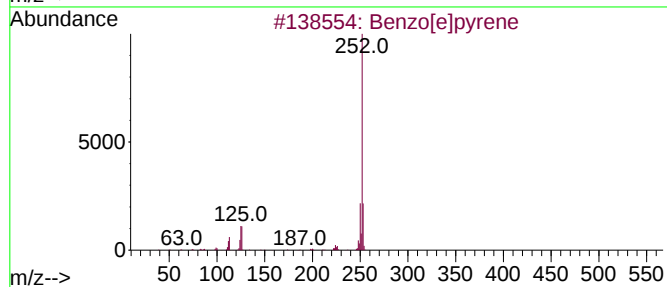
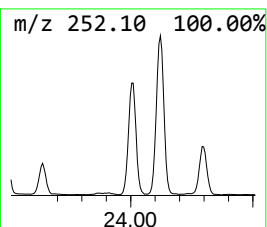
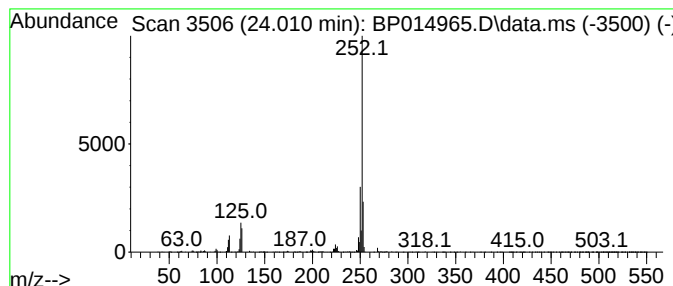
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.010	7.13 ng/ul	1360630	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014965.D
Acq On : 04 May 2023 22:14
Operator : CG/JU
Sample : 02447-22 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trim...	6.828	35.2	ng/ul	3797760	1	8.164	2155880	20.0
.beta.-Pinene	7.593	6.5	ng/ul	702772	1	8.164	2155880	20.0
Phenanthrene, 2...	18.463	2.0	ng/ul	333716	4	17.563	3263440	20.0
4H-Cyclopenta[d...	18.604	3.6	ng/ul	584812	4	17.563	3263440	20.0
1-Phenanthrenec...	21.304	2.5	ng/ul	808553	5	21.639	6351840	20.0
Benzo[e]pyrene	24.010	7.1	ng/ul	1360630	6	24.239	3817510	20.0