

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042731.D
 Acq On : 14 Nov 2023 12:24
 Operator : MA/JU
 Sample : 05057-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A89

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_M\Methods\SFAM-EPA-BM111323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM042731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	29	32	35	rBV	14492	16535	1.11%	0.048%
2	3.211	35	38	45	rVB	48856	57460	3.84%	0.168%
3	3.611	103	106	122	rBV	137414	232260	15.54%	0.680%
4	3.923	156	159	164	rVB4	4518	5604	0.37%	0.016%
5	4.540	261	264	265	rBV2	1283	1607	0.11%	0.005%
6	4.752	298	300	305	rVB5	2015	2302	0.15%	0.007%
7	4.905	321	326	337	rVB	145903	207320	13.87%	0.607%
8	5.475	419	423	425	rBV5	2038	2626	0.18%	0.008%
9	5.628	448	449	454	rVB5	1727	2314	0.15%	0.007%
10	5.981	506	509	515	rBV5	4403	7122	0.48%	0.021%
11	6.105	526	530	534	rBV4	1886	2714	0.18%	0.008%
12	6.993	675	681	682	rBV	249514	320043	21.41%	0.937%
13	7.022	682	686	706	rVV	491955	896137	59.95%	2.623%
14	7.175	706	712	726	rVB	160989	278451	18.63%	0.815%
15	7.346	735	741	744	rBV	242514	395253	26.44%	1.157%
16	7.381	744	747	761	rVV	277846	434686	29.08%	1.272%
17	7.469	761	762	768	rVV5	3455	3849	0.26%	0.011%
18	7.528	771	772	776	rVB3	1690	1639	0.11%	0.005%
19	7.581	778	781	784	rVB4	1301	1773	0.12%	0.005%
20	7.822	816	822	836	rBV	117456	196308	13.13%	0.575%
21	8.099	868	869	875	rVB4	1186	1552	0.10%	0.005%
22	8.275	893	899	904	rBV	189323	307693	20.59%	0.901%
23	8.340	904	910	911	rBV	214337	312417	20.90%	0.914%
24	8.405	918	921	929	rVB	28458	42682	2.86%	0.125%
25	8.546	939	945	951	rBV	244693	413688	27.68%	1.211%
26	8.605	951	955	976	rVB	262899	464932	31.10%	1.361%
27	8.881	995	1002	1009	rBV	312755	489927	32.78%	1.434%
28	9.028	1020	1027	1031	rBV	198723	351968	23.55%	1.030%
29	9.069	1031	1034	1045	rVB	128714	215290	14.40%	0.630%
30	9.381	1085	1087	1091	rVB3	1382	1728	0.12%	0.005%
31	9.740	1139	1148	1150	rBV	198101	316595	21.18%	0.927%
32	9.769	1150	1153	1171	rVB	241264	428016	28.64%	1.253%
33	10.069	1197	1204	1218	rBV	199915	329181	22.02%	0.963%
34	10.263	1230	1237	1239	rBV	270594	434845	29.09%	1.273%
35	10.287	1239	1241	1263	rVV	329694	585747	39.19%	1.714%
36	10.428	1263	1265	1271	rVB6	2057	2809	0.19%	0.008%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042731.D
 Acq On : 14 Nov 2023 12:24
 Operator : MA/JU
 Sample : 05057-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A89

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_M\Methods\SFAM-EPA-BM111323.MA.M
 Title : SVOA CALIBRATION

37	10.640	1294	1301	1305	rBV	155629	256819	17.18%	0.752%
38	10.693	1305	1310	1325	rVV	443717	725380	48.53%	2.123%
39	10.816	1325	1331	1352	rVV	139102	324916	21.74%	0.951%
40	11.016	1363	1365	1369	rVB4	1530	1676	0.11%	0.005%

41	11.316	1412	1416	1421	rBV3	2894	4157	0.28%	0.012%
42	11.375	1421	1426	1431	rVV4	2995	4750	0.32%	0.014%
43	11.657	1467	1474	1478	rBV2	80860	164256	10.99%	0.481%
44	12.163	1553	1560	1567	rBV	45813	77643	5.19%	0.227%
45	12.228	1570	1571	1578	rVB2	4268	4390	0.29%	0.013%

46	12.304	1578	1584	1601	rBV	241079	389573	26.06%	1.140%
47	12.451	1605	1609	1613	rBV6	2109	3098	0.21%	0.009%
48	12.522	1615	1621	1632	rBV	453977	713718	47.75%	2.089%
49	12.657	1638	1644	1655	rVB	358513	540415	36.15%	1.582%
50	12.798	1665	1668	1672	rVB5	1730	1915	0.13%	0.006%

51	12.922	1683	1689	1697	rBV	230522	354363	23.71%	1.037%
52	12.998	1697	1702	1717	rVB2	83036	165369	11.06%	0.484%
53	13.322	1750	1757	1761	rBV	404717	614244	41.09%	1.798%
54	13.369	1761	1765	1778	rVB	308625	476876	31.90%	1.396%
55	13.504	1785	1788	1791	rVB3	1536	2141	0.14%	0.006%

56	13.910	1851	1857	1861	rBV	444969	598143	40.02%	1.751%
57	13.957	1861	1865	1877	rVB	188556	275872	18.46%	0.807%
58	14.104	1883	1890	1898	rBV	127933	192149	12.86%	0.562%
59	14.187	1898	1904	1918	rVB	476894	693566	46.40%	2.030%
60	14.487	1949	1955	1961	rBV	222976	315262	21.09%	0.923%

61	14.551	1961	1966	1978	rVB	525436	726623	48.61%	2.127%
62	14.745	1993	1999	2001	rBV3	170343	303191	20.28%	0.887%
63	14.781	2001	2005	2026	rVB	609254	964008	64.49%	2.821%
64	15.269	2084	2088	2089	rBV2	2086	2359	0.16%	0.007%
65	15.304	2089	2094	2100	rVV	282557	362854	24.28%	1.062%

66	15.481	2118	2124	2141	rBV	549769	784665	52.50%	2.297%
67	15.628	2143	2149	2161	rVV	194141	291082	19.47%	0.852%
68	15.716	2161	2164	2169	rVB5	3453	5266	0.35%	0.015%
69	16.128	2231	2234	2238	rBV2	3529	3386	0.23%	0.010%
70	16.428	2278	2285	2293	rBV	391975	523744	35.04%	1.533%

71	16.504	2293	2298	2306	rVB	306325	422399	28.26%	1.236%
72	17.063	2386	2393	2413	rBV	723517	1012213	67.72%	2.963%
73	17.239	2417	2423	2435	rBV	256128	367496	24.59%	1.076%
74	17.339	2435	2440	2444	rBV	569139	852393	57.03%	2.495%
75	17.375	2444	2446	2459	rVB	292130	388019	25.96%	1.136%

76	17.727	2501	2506	2524	rBV	526871	797832	53.38%	2.335%
----	--------	------	------	------	-----	--------	--------	--------	--------

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042731.D
 Acq On : 14 Nov 2023 12:24
 Operator : MA/JU
 Sample : 05057-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A89

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_M\Methods\SFAM-EPA-BM111323.MA.M
 Title : SVOA CALIBRATION

77	18.092	2564	2568	2578	rBV2	24024	49964	3.34%	0.146%
78	18.186	2578	2584	2596	rVB	709122	805737	53.91%	2.358%
79	18.427	2621	2625	2626	rBV2	1798	1725	0.12%	0.005%
80	18.527	2637	2642	2644	rBV4	2432	3473	0.23%	0.010%
81	18.663	2663	2665	2667	rBV3	1941	1889	0.13%	0.006%
82	19.192	2753	2755	2761	rVB4	4483	6874	0.46%	0.020%
83	19.274	2766	2769	2772	rVB2	6545	7099	0.47%	0.021%
84	19.386	2784	2788	2792	rBV6	7532	11931	0.80%	0.035%
85	19.516	2808	2810	2811	rBV2	2168	1607	0.11%	0.005%
86	19.557	2812	2817	2821	rBV4	4601	6425	0.43%	0.019%
87	19.639	2825	2831	2833	rBV	856142	1086548	72.69%	3.180%
88	19.669	2833	2836	2850	rVB	717298	936051	62.62%	2.740%
89	20.551	2981	2986	2994	rBV	297187	327322	21.90%	0.958%
90	21.292	3108	3112	3118	rBV	1432574	1494721	100.00%	4.375%
91	21.421	3127	3134	3143	rBV2	416955	950711	63.60%	2.783%
92	23.110	3415	3421	3434	rBV	586495	1064309	71.20%	3.115%
93	23.639	3504	3511	3516	rBV2	629046	1291014	86.37%	3.779%
94	23.686	3516	3519	3530	rVV	509685	1001673	67.01%	2.932%
95	23.792	3531	3537	3551	rVB	259702	573938	38.40%	1.680%
96	26.262	3948	3957	3972	rVB	328196	1018964	68.17%	2.982%
97	27.039	4079	4089	4106	rBV2	326369	1051505	70.35%	3.078%

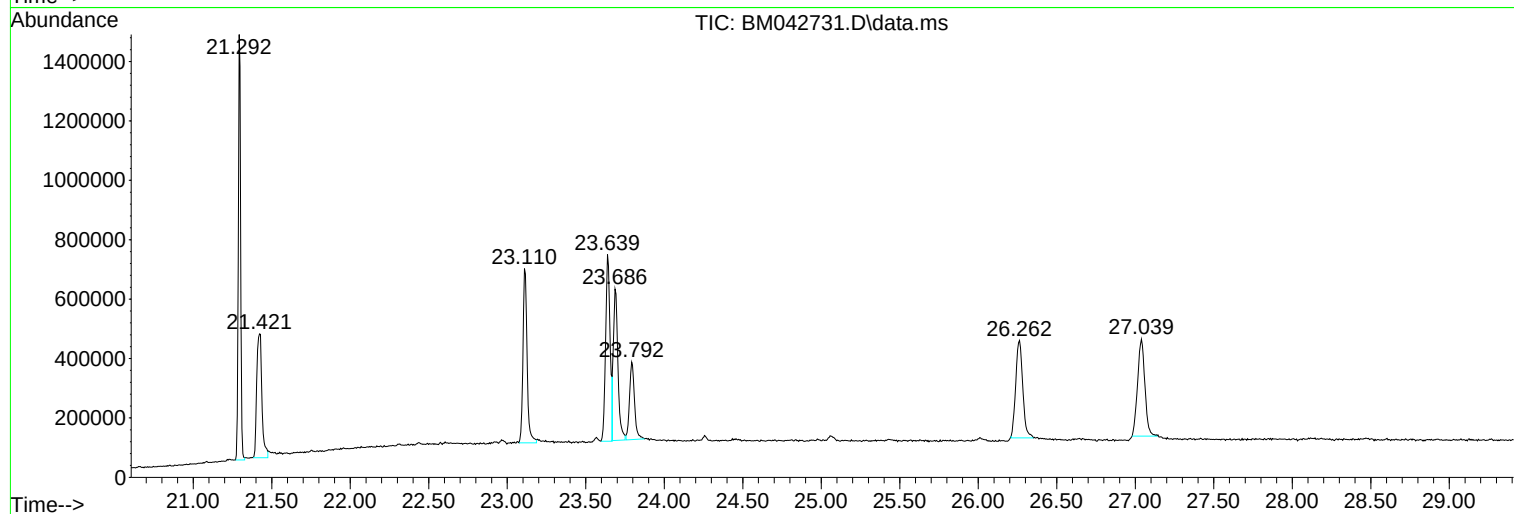
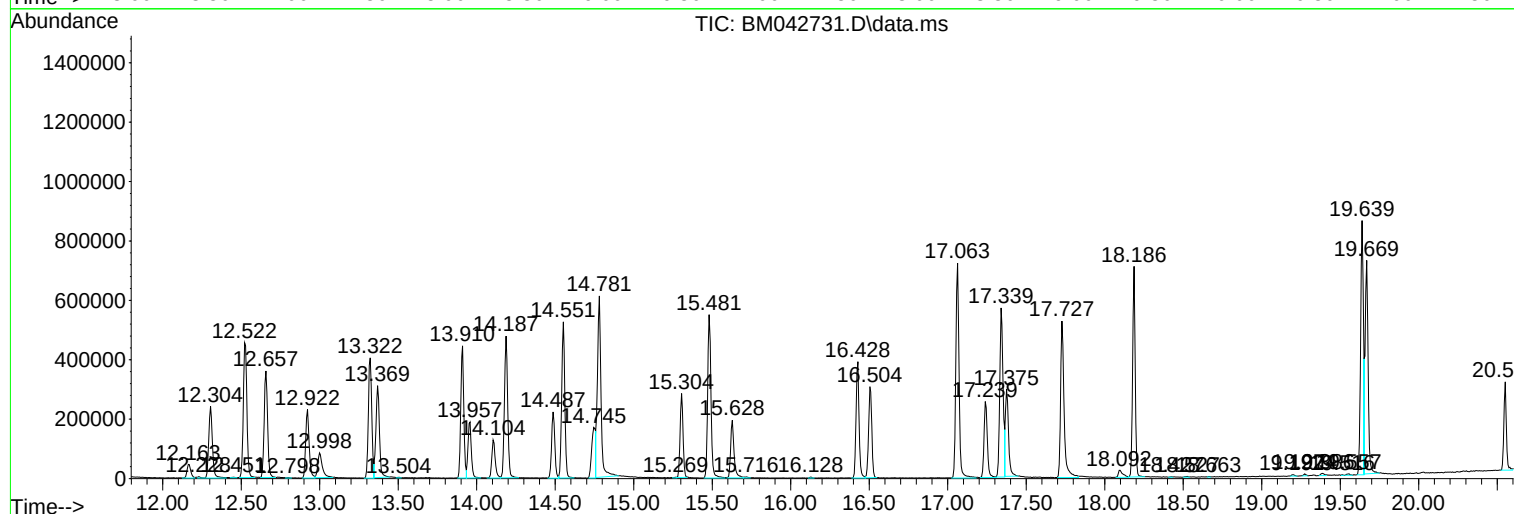
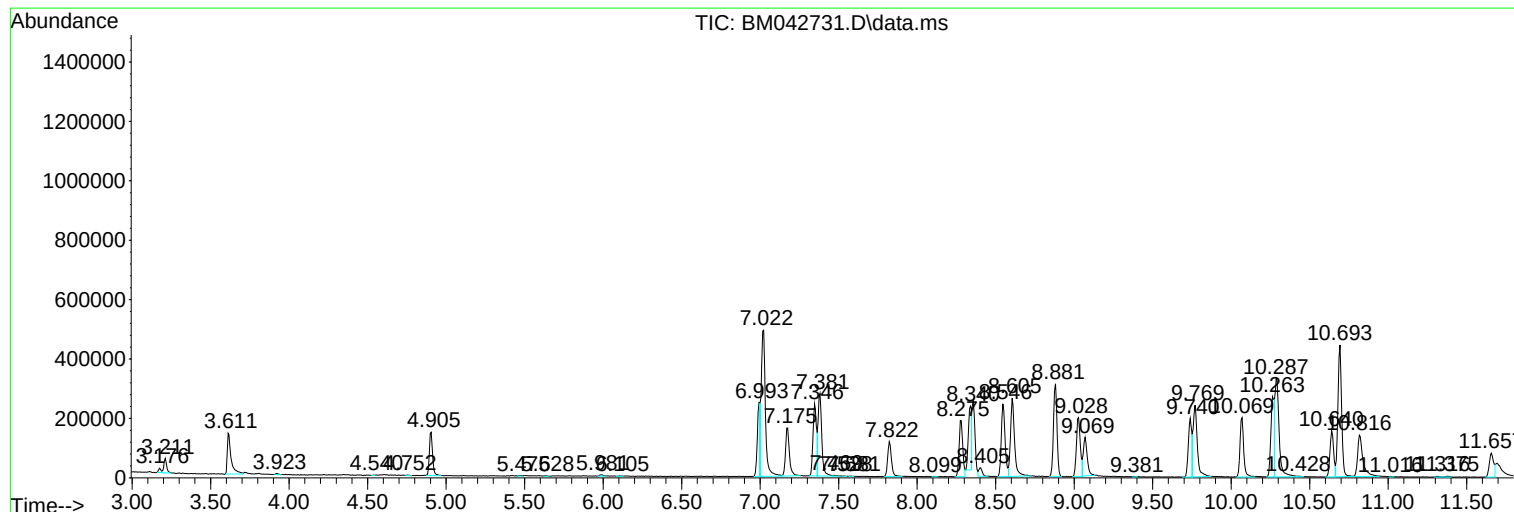
Sum of corrected areas: 34166774

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

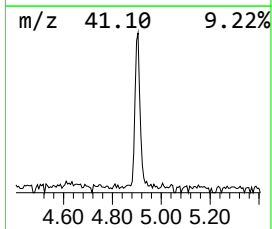
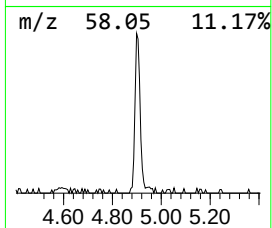
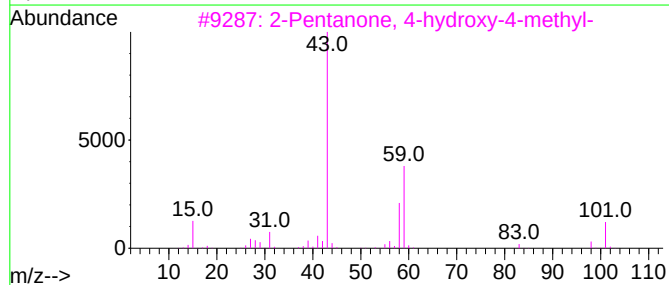
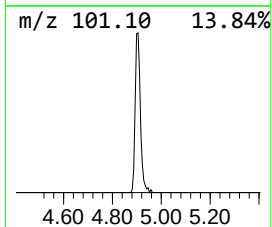
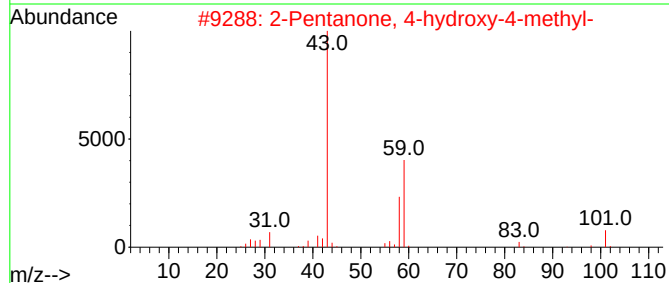
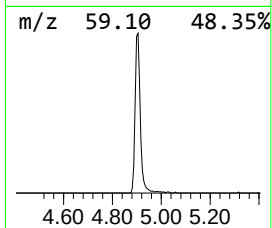
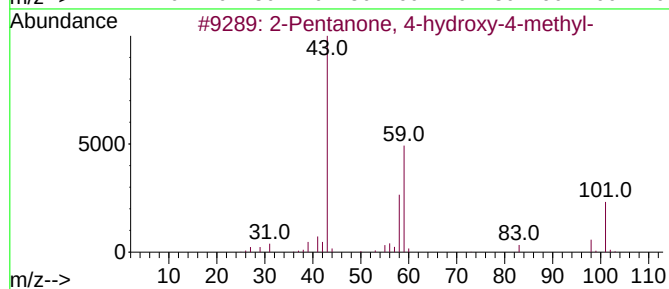
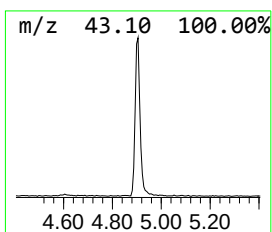
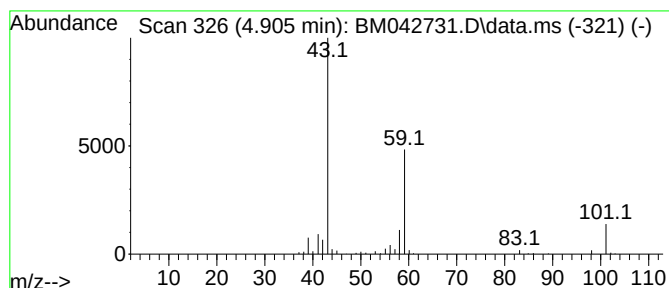
Instrument :
BNA_M
ClientSampleId :
A4A89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.905	21.12 ng/ul	207320	1,4-Dichlorobenzene-d4	7.822	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	2-Pentanone	86	C5H10O	000107-87-9	10
5	Butane	58	C4H10	000106-97-8	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

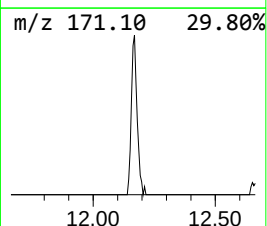
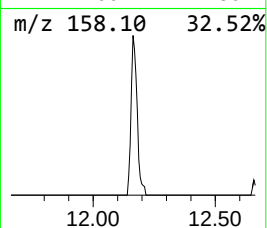
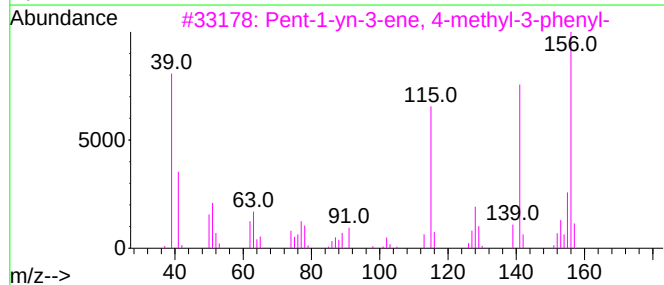
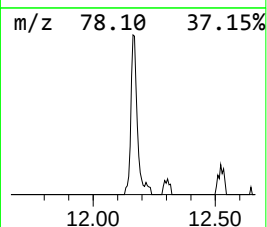
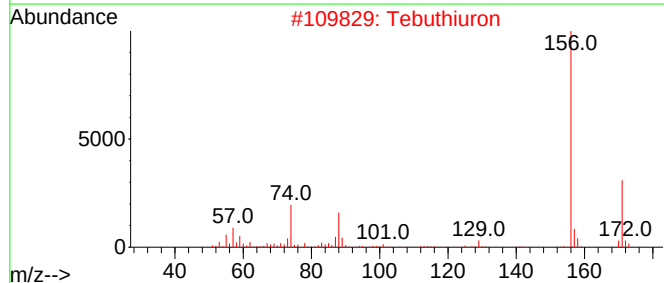
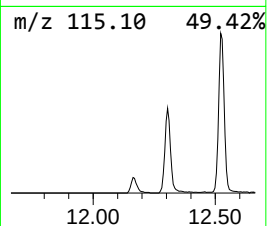
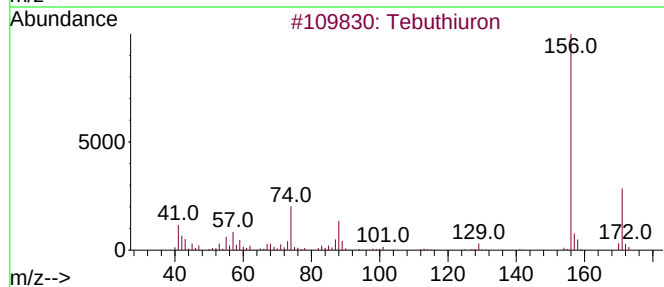
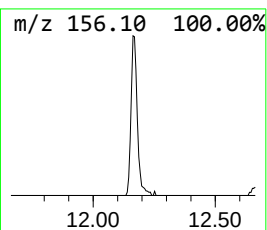
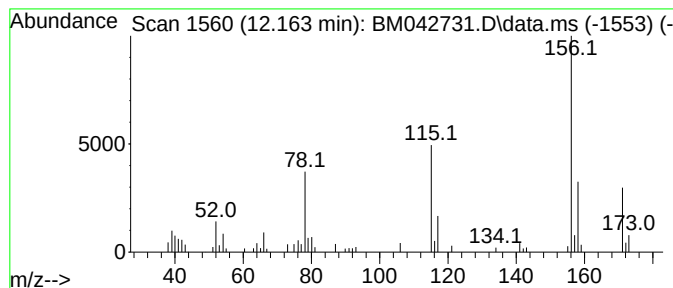
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.163	6.05 ng/ul	77643	Naphthalene-d8	10.640

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tebuthiuron	228	C9H16N4OS	034014-18-1	37
2			Tebuthiuron	228	C9H16N4OS	034014-18-1	32
3			Pent-1-yn-3-ene, 4-methyl-3-phenyl-	156	C12H12	065050-80-8	25
4			Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	23
5			1,3-Diaza-5,6-dedihydrocyclohexa...	171	C6H9N3OS	021263-85-4	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

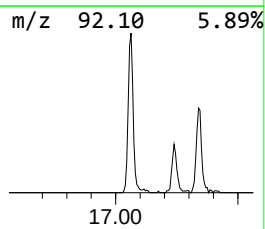
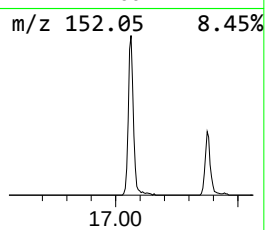
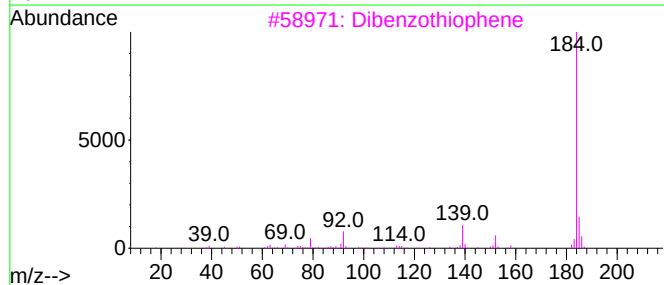
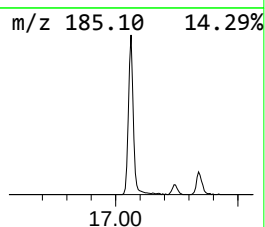
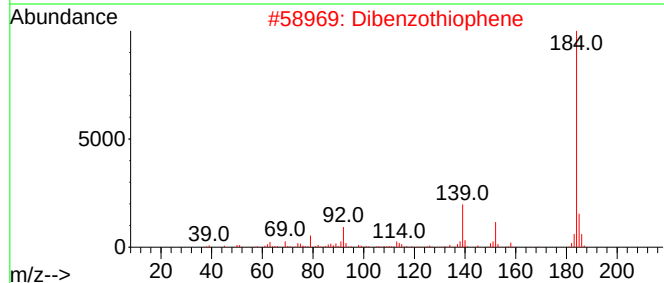
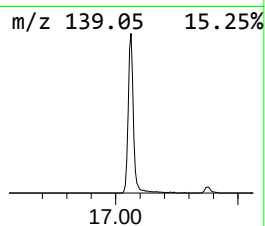
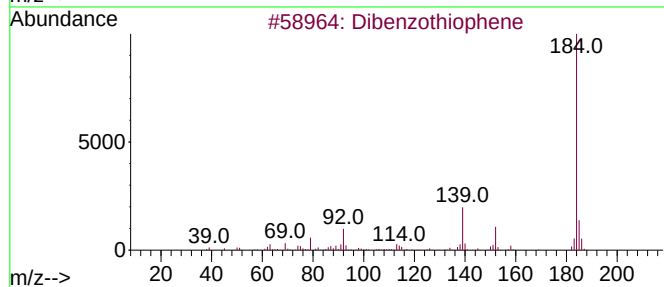
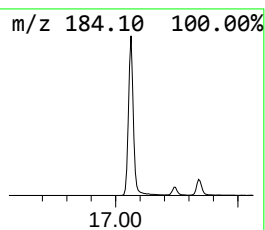
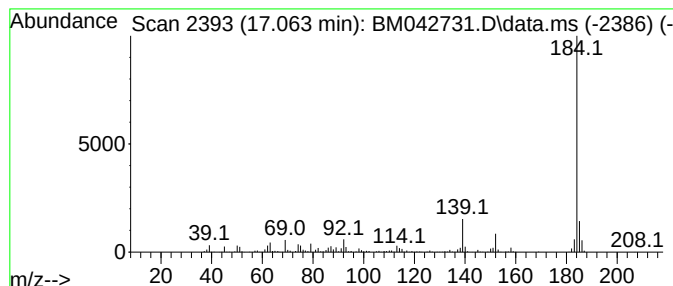
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	55.09 ng/ul	1012210	Phenanthrene-d10	17.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

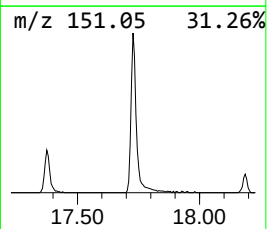
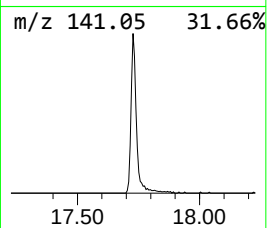
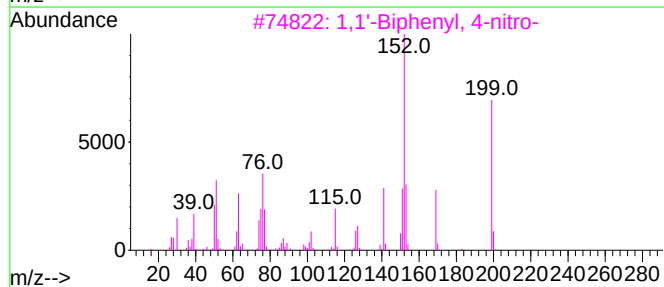
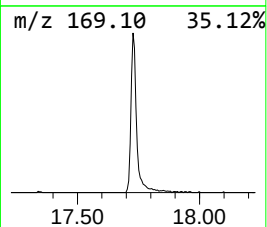
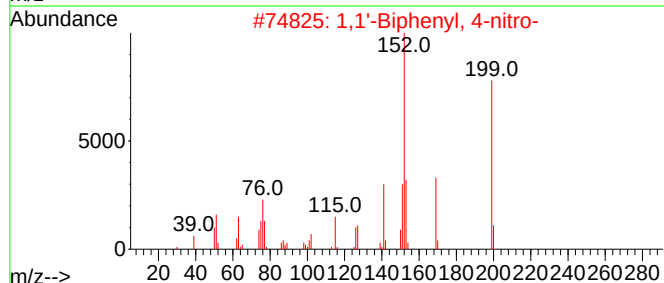
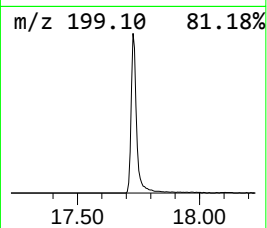
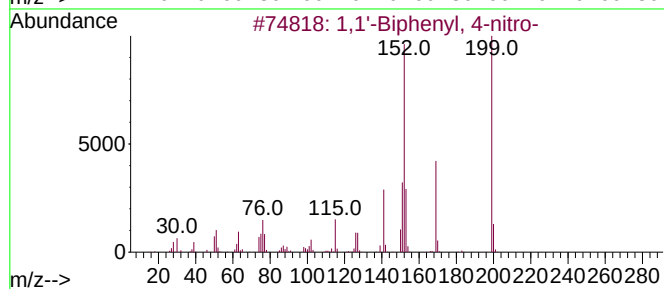
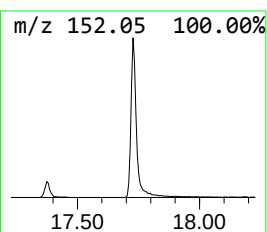
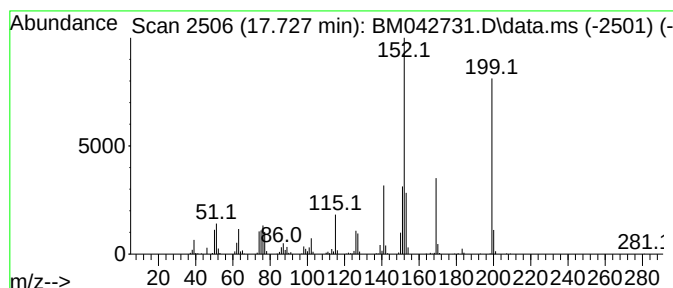
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	43.42 ng/ul	797832	Phenanthrene-d10	17.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2			1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
3			1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	94
4			1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
5			1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

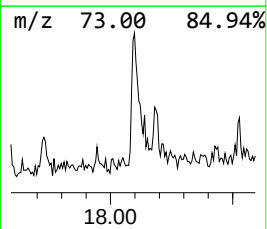
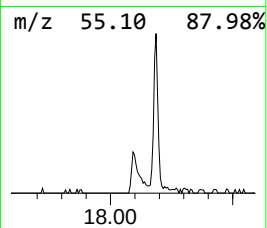
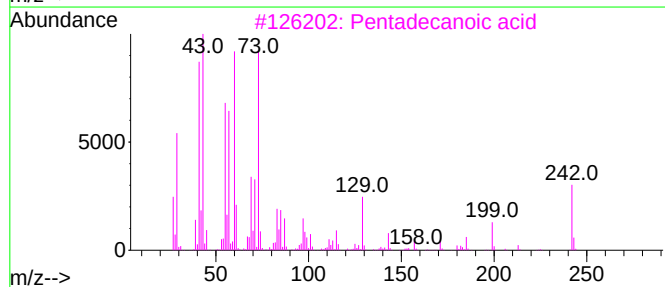
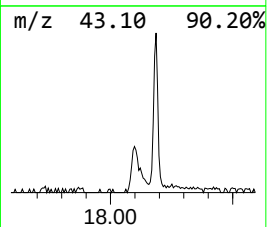
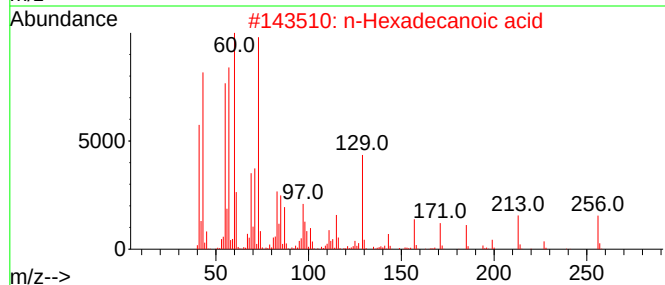
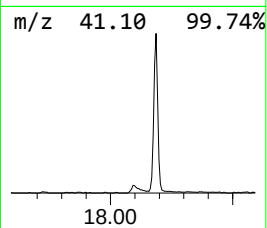
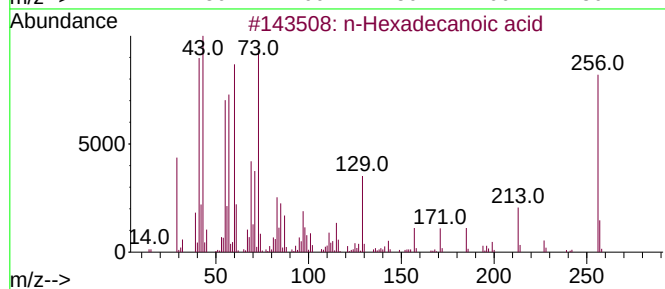
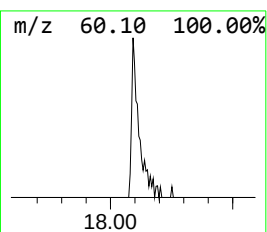
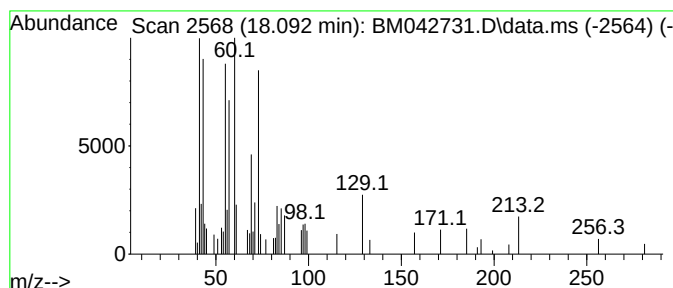
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.72 ng/ul	49964	Phenanthrene-d10	17.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042731.D
Acq On : 14 Nov 2023 12:24
Operator : MA/JU
Sample : 05057-03
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4A89

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.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
2-Pentanone, 4-...	4.905	21.1	ng/ul	207320	1	7.822	196308	20.0
unknown-01	12.163	6.0	ng/ul	77643	2	10.640	256819	20.0
Dibenzothiophene	17.063	55.1	ng/ul	1012210	4	17.239	367496	20.0
1,1'-Biphenyl, ...	17.727	43.4	ng/ul	797832	4	17.239	367496	20.0
n-Hexadecanoic ...	18.092	2.7	ng/ul	49964	4	17.239	367496	20.0