

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033151.D
 Acq On : 18 Nov 2021 12:38
 Operator : CG/JU
 Sample : M4642-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3804

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-BM111721.M
 Title : SVOA CALIBRATION

Signal : TIC: BM033151.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.837	82	85	98	rBV	407640	641906	0.78%	0.373%
2	4.178	134	143	149	rBV3	32531916	82131574	100.00%	47.788%
3	5.084	292	297	309	rVB	301494	434733	0.53%	0.253%
4	7.119	635	643	659	rBV3	1004463	1859289	2.26%	1.082%
5	7.295	665	673	683	rBV	393413	665121	0.81%	0.387%
6	7.389	683	689	701	rVV	875195	1322470	1.61%	0.769%
7	7.495	701	707	718	rVB	554095	906370	1.10%	0.527%
8	7.966	779	787	794	rVB	435842	706540	0.86%	0.411%
9	8.666	893	906	916	rBV	676493	1133410	1.38%	0.659%
10	8.772	917	924	933	rVB	467576	716420	0.87%	0.417%
11	9.125	975	984	989	rBV	534159	948459	1.15%	0.552%
12	9.166	989	991	1002	rVB	211553	319965	0.39%	0.186%
13	9.436	1029	1037	1045	rBV	1137009	1850914	2.25%	1.077%
14	9.848	1096	1107	1110	rBV	445917	846345	1.03%	0.492%
15	9.878	1110	1112	1120	rVV	362252	491683	0.60%	0.286%
16	10.383	1189	1198	1200	rBV	728451	1330123	1.62%	0.774%
17	10.766	1250	1263	1267	rBV	579337	1029614	1.25%	0.599%
18	10.819	1267	1272	1278	rVV	394121	682992	0.83%	0.397%
19	10.895	1278	1285	1299	rVB	513001	932574	1.14%	0.543%
20	11.095	1311	1319	1326	rVB	686549	1130650	1.38%	0.658%
21	12.283	1515	1521	1528	rBV	209840	345318	0.42%	0.201%
22	12.419	1537	1544	1551	rBV	954337	1481156	1.80%	0.862%
23	12.636	1573	1581	1589	rVV	1494153	2351586	2.86%	1.368%
24	12.760	1595	1602	1614	rVB2	1132515	2312438	2.82%	1.345%
25	13.019	1639	1646	1654	rBV	1125815	1729912	2.11%	1.007%
26	13.424	1708	1715	1719	rBV	2226857	3316136	4.04%	1.929%
27	13.466	1719	1722	1730	rVB	477000	675156	0.82%	0.393%
28	13.995	1804	1812	1821	rBV	1099511	1570314	1.91%	0.914%
29	14.160	1832	1840	1848	rBV	984644	1360649	1.66%	0.792%
30	14.283	1854	1861	1864	rBV	1324592	2188803	2.66%	1.274%
31	14.583	1904	1912	1918	rBV	855624	1299585	1.58%	0.756%
32	14.648	1918	1923	1927	rVV	587460	908932	1.11%	0.529%
33	14.689	1927	1930	1937	rVV	696905	944575	1.15%	0.550%
34	14.765	1937	1943	1952	rVV	559756	860550	1.05%	0.501%
35	14.860	1952	1959	1962	rVV	1684485	2410394	2.93%	1.402%
36	14.901	1962	1966	1974	rVV	1408107	2030387	2.47%	1.181%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033151.D
 Acq On : 18 Nov 2021 12:38
 Operator : CG/JU
 Sample : M4642-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X3804

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-BM111721.M
 Title : SVOA CALIBRATION

37	14.983	1974	1980	1988	rVB	542528	774865	0.94%	0.451%
38	15.577	2074	2081	2085	rBV	1562755	2314479	2.82%	1.347%
39	15.624	2085	2089	2095	rVV2	1399517	2112814	2.57%	1.229%
40	15.695	2095	2101	2114	rVB2	1129698	2015627	2.45%	1.173%
41	16.624	2253	2259	2266	rVB	1456656	2045188	2.49%	1.190%
42	16.965	2311	2317	2332	rBV	1647319	2316817	2.82%	1.348%
43	17.142	2340	2347	2357	rVB	1956601	2864708	3.49%	1.667%
44	17.324	2371	2378	2381	rBV	965303	1396204	1.70%	0.812%
45	17.365	2381	2385	2389	rVV	672741	970836	1.18%	0.565%
46	17.418	2389	2394	2398	rVV	1553574	2492348	3.03%	1.450%
47	17.454	2398	2400	2407	rVB	1163125	1455340	1.77%	0.847%
48	17.724	2438	2446	2456	rBV	2206208	3166338	3.86%	1.842%
49	17.930	2476	2481	2486	rBV	136586	170843	0.21%	0.099%
50	19.365	2716	2725	2732	rBV	1446957	1960953	2.39%	1.141%
51	19.700	2776	2782	2785	rBV	1933871	2897190	3.53%	1.686%
52	19.730	2785	2787	2794	rVB	1409006	1549301	1.89%	0.901%
53	21.459	3076	3081	3087	rBV2	2234427	3991475	4.86%	2.322%
54	21.512	3087	3090	3096	rVB	788204	957631	1.17%	0.557%
55	23.106	3356	3361	3369	rVB	1160757	2148753	2.62%	1.250%
56	23.677	3451	3458	3462	rBV	1170757	2509342	3.06%	1.460%
57	23.824	3477	3483	3491	rVB2	646444	1283344	1.56%	0.747%
58	26.235	3884	3893	3906	rVB3	1449290	4603861	5.61%	2.679%

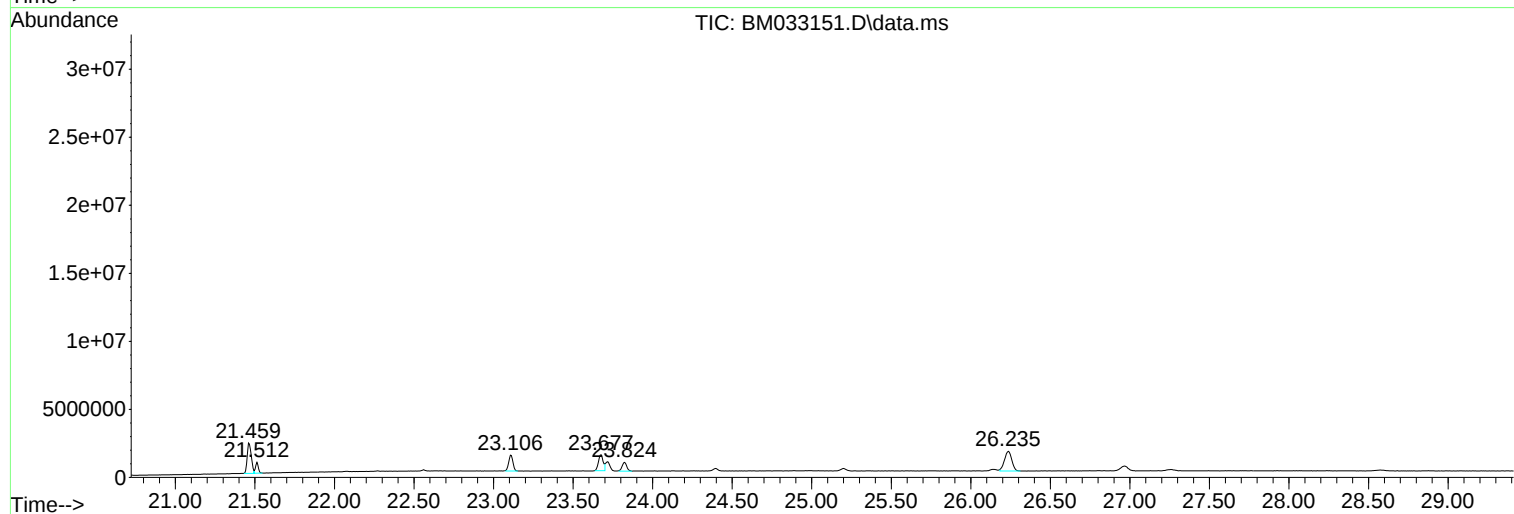
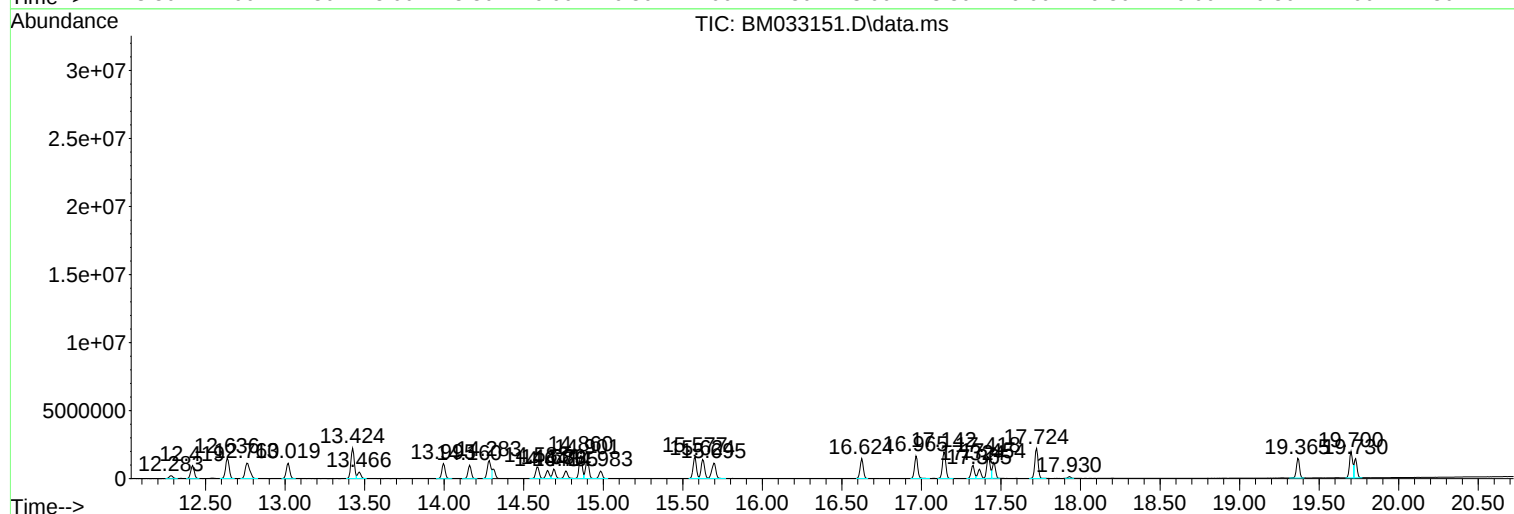
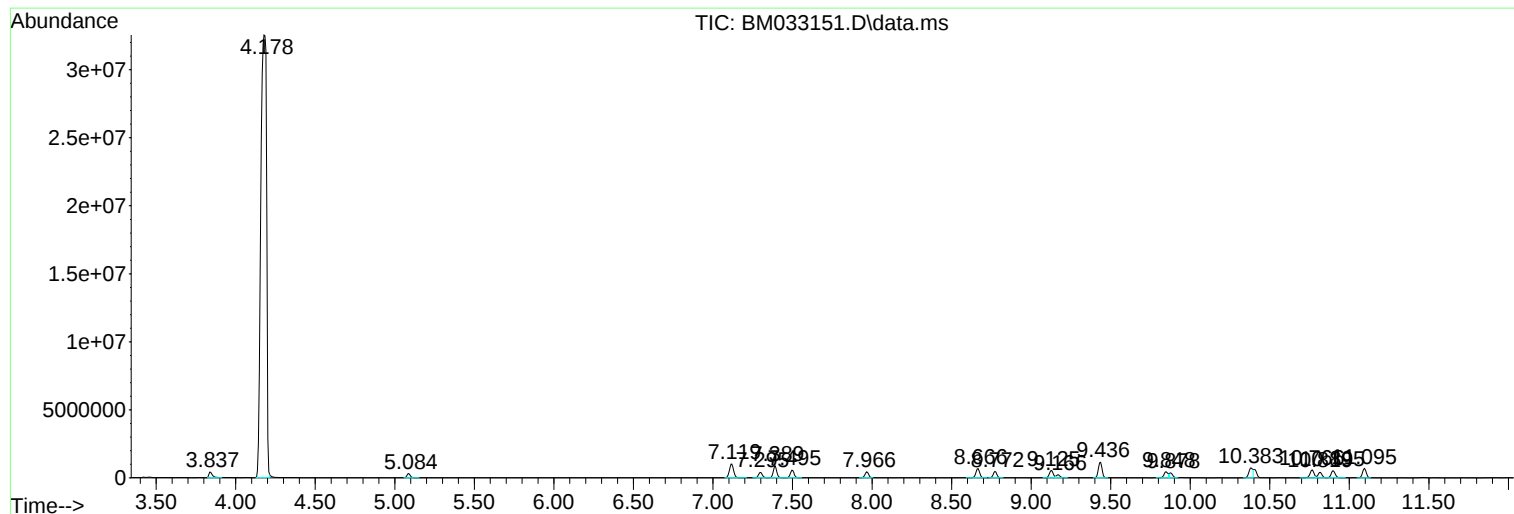
Sum of corrected areas: 171865300

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

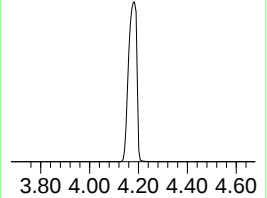
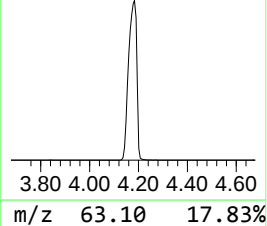
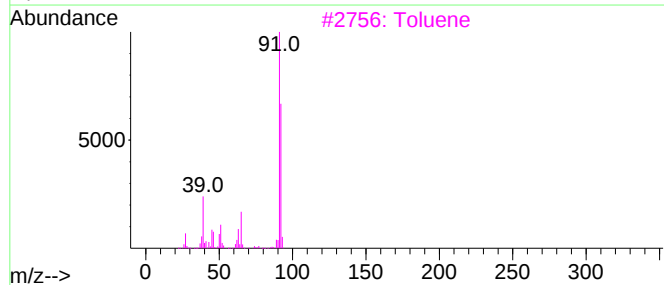
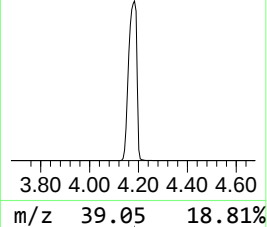
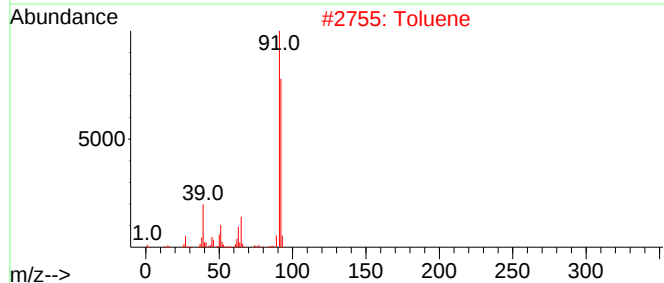
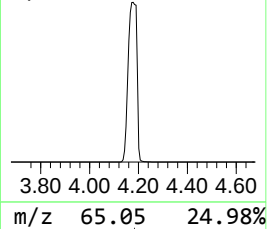
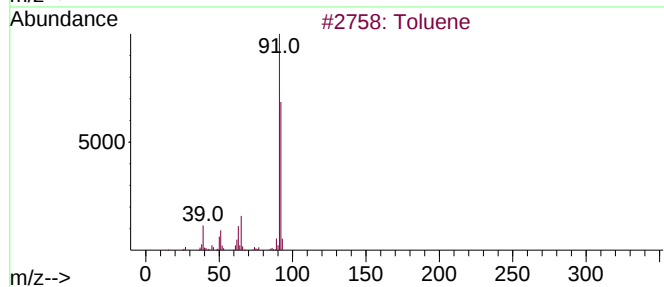
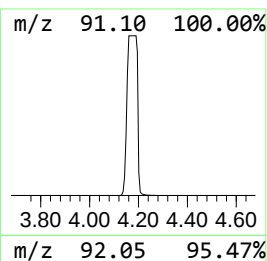
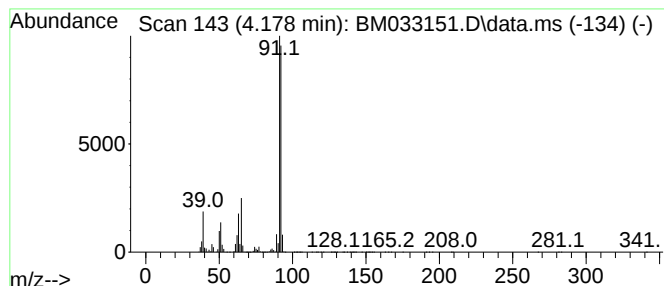
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.178	2324.90 ng/ul	82131600	1,4-Dichlorobenzene-d4	7.966

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene			92	C7H8	000108-88-3	91
2	Toluene			92	C7H8	000108-88-3	91
3	Toluene			92	C7H8	000108-88-3	91
4	Toluene			92	C7H8	000108-88-3	91
5	1,5-Hexadien-3-yne, 2-methyl-			92	C7H8	000820-54-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

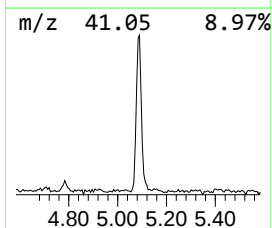
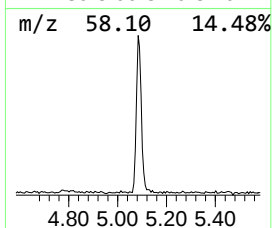
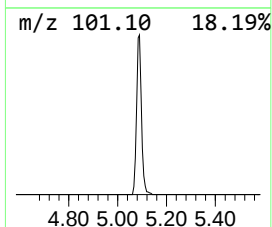
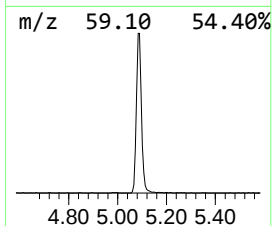
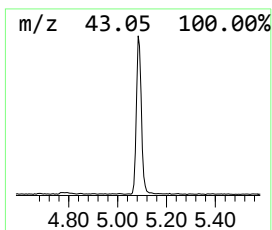
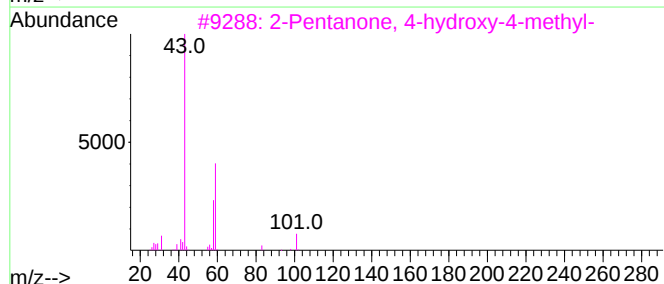
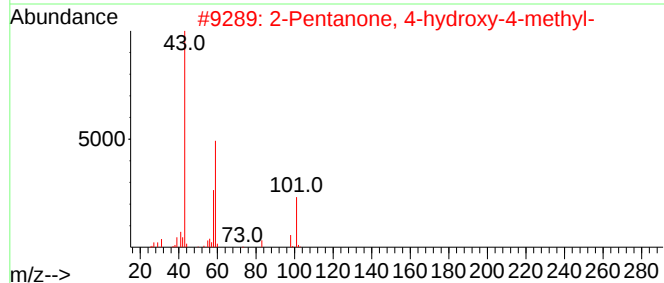
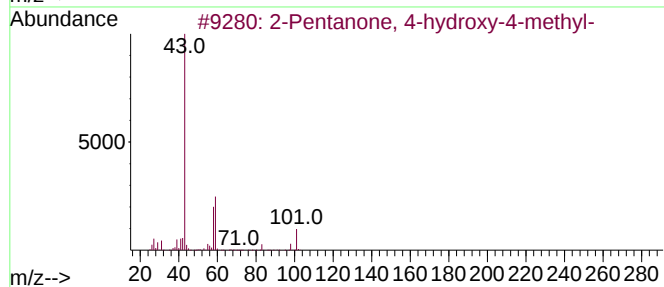
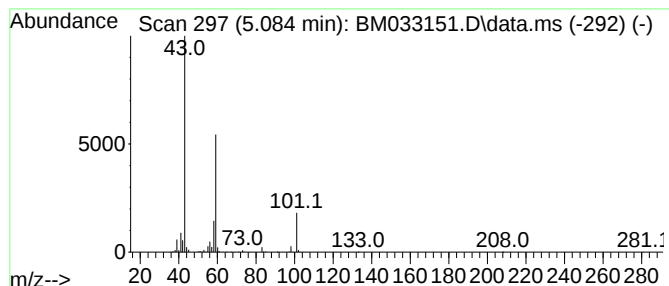
Instrument :
BNA_M
ClientSampleId :
X3804

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.084	12.31 ng/ul	434733	1,4-Dichlorobenzene-d4	7.966	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

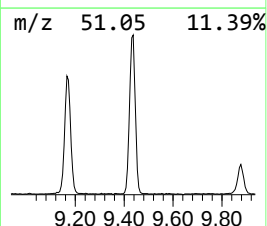
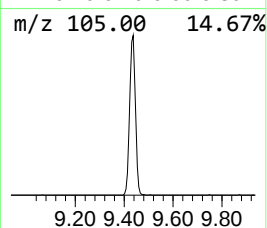
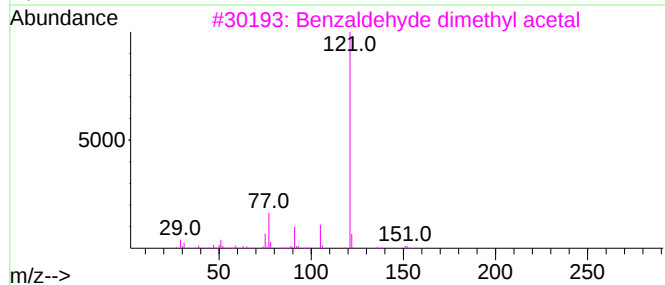
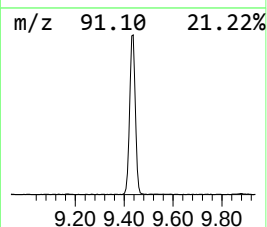
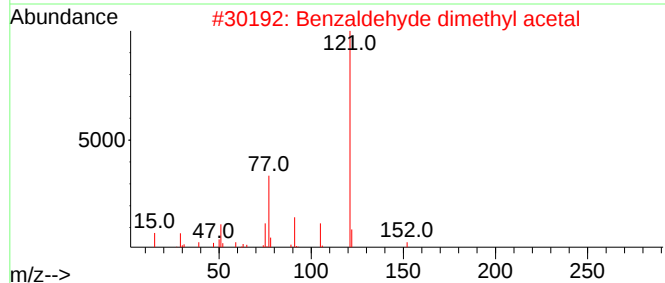
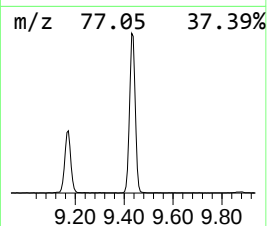
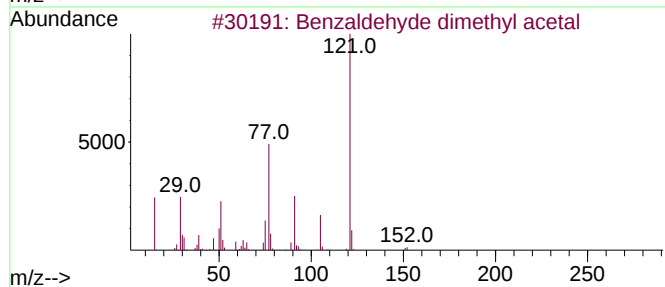
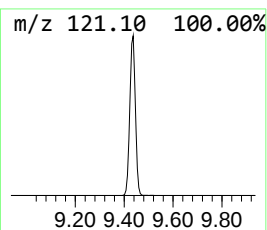
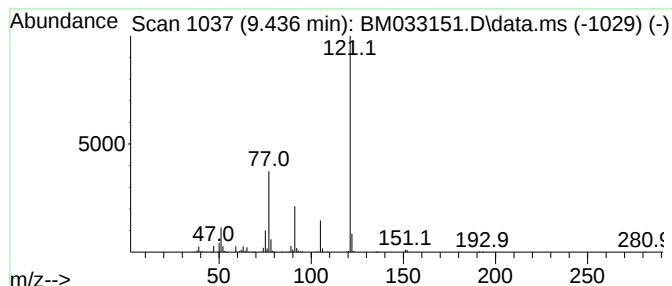
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzaldehyde dimethyl acetal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.436	35.95 ng/ul	1850910	Naphthalene-d8	10.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
2			Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	91
3			Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	80
4			Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	78
5			Benzene, (1-methoxypropyl)-	150	C10H14O	059588-12-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

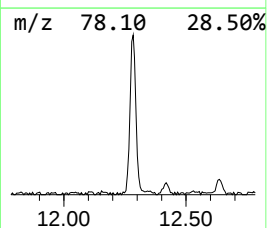
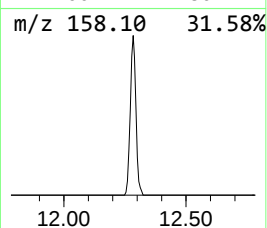
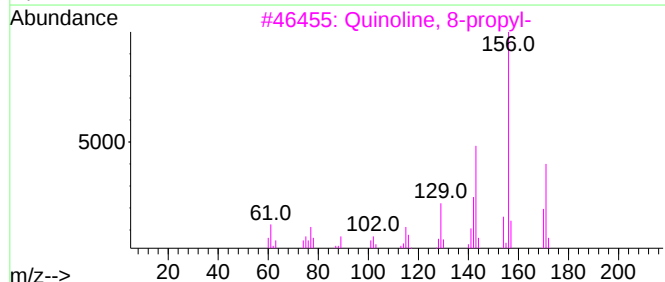
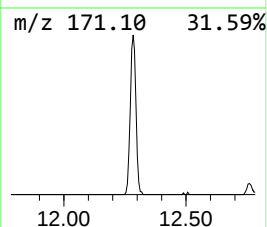
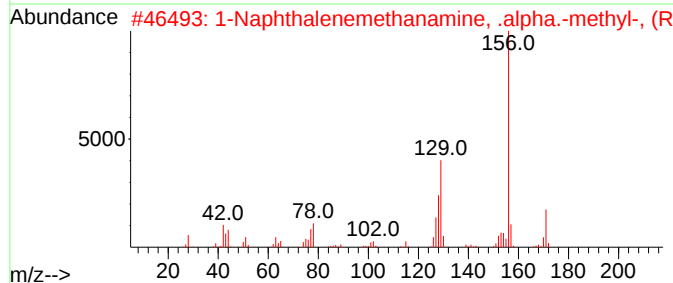
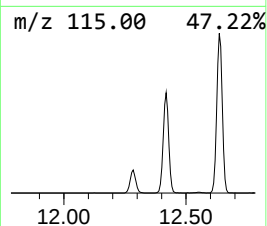
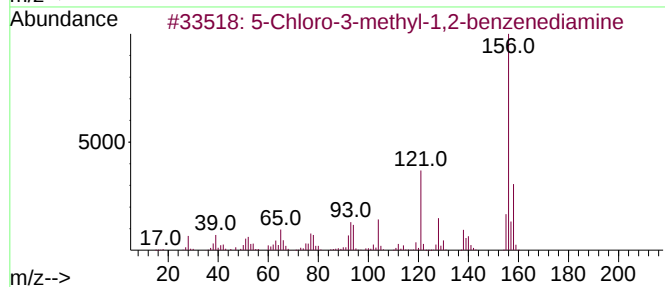
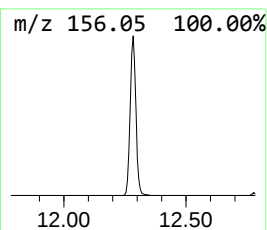
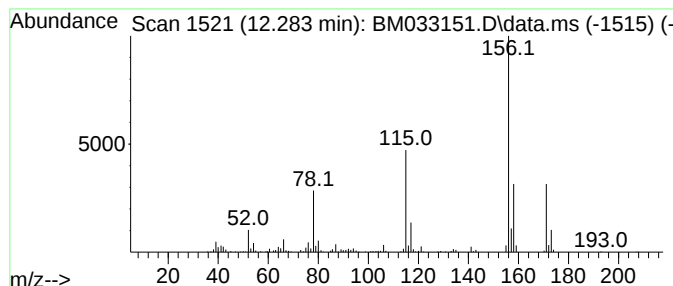
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.283	6.71 ng/ul	345318	Naphthalene-d8	10.766

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Chloro-3-methyl-1,2-benzenedia...	156	C7H9ClN2	109671-52-5	43
2			1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	38
3			Quinoline, 8-propyl-	171	C12H13N	007661-53-2	32
4			2-Chloro-4,6-dimethyl-3-pyridina...	156	C7H9ClN2	140413-40-7	32
5			6-Isopropylquinoline	171	C12H13N	000135-79-5	32



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

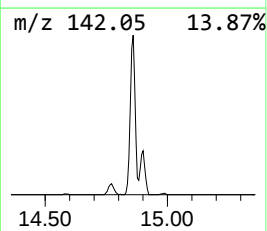
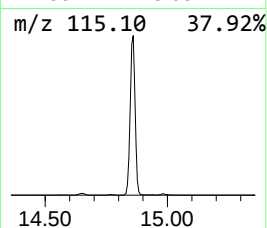
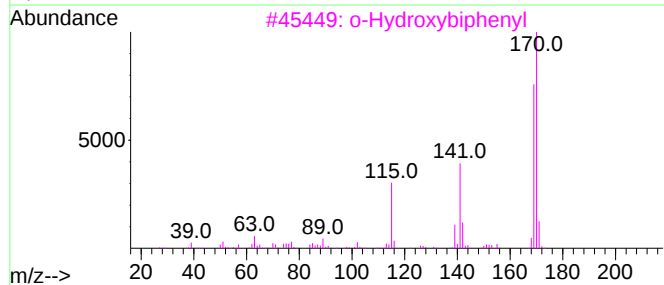
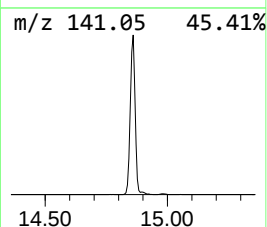
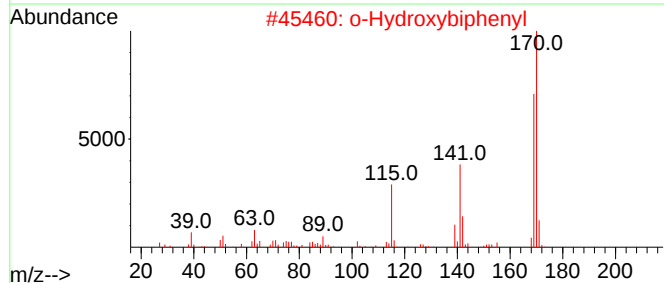
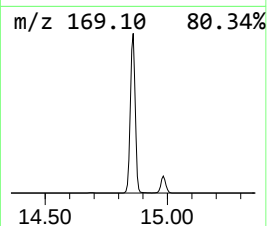
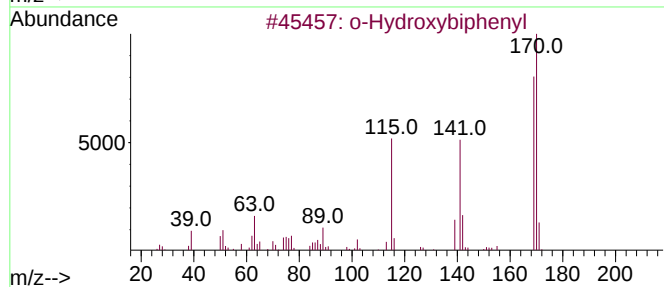
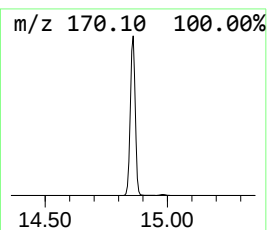
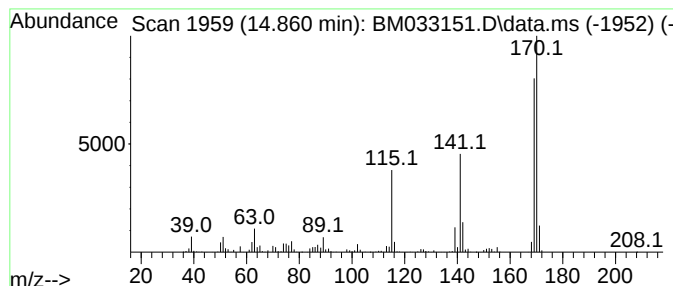
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 o-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.860	37.09 ng/ul	2410390	Acenaphthene-d10	14.583

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
3			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
4			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
5			o-Hydroxybiphenyl	170	C12H10O	000090-43-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

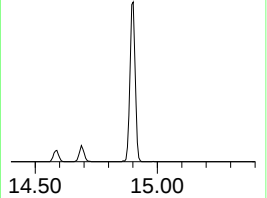
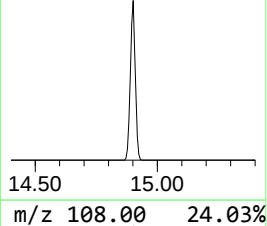
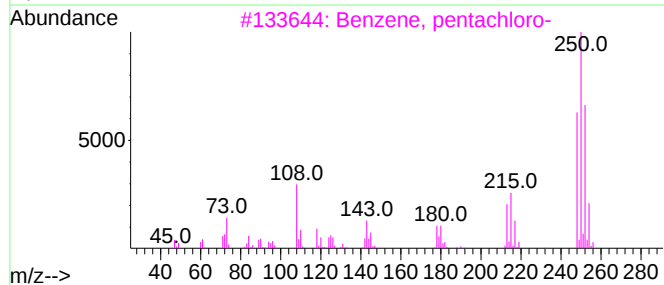
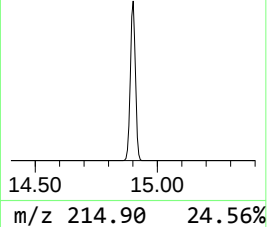
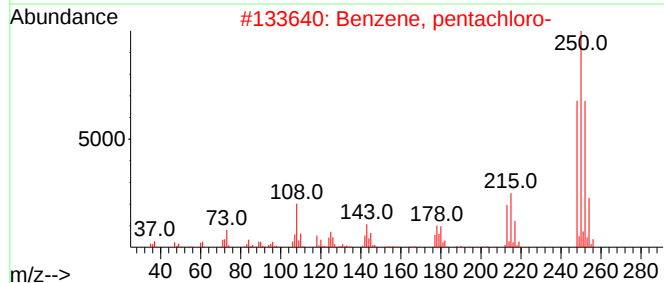
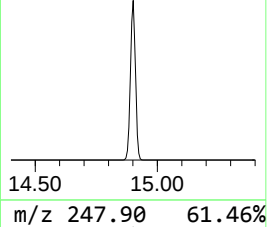
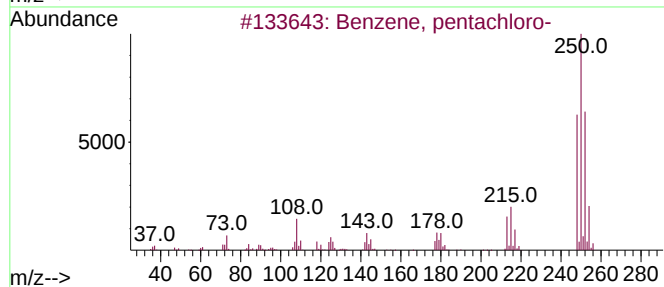
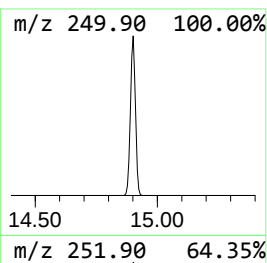
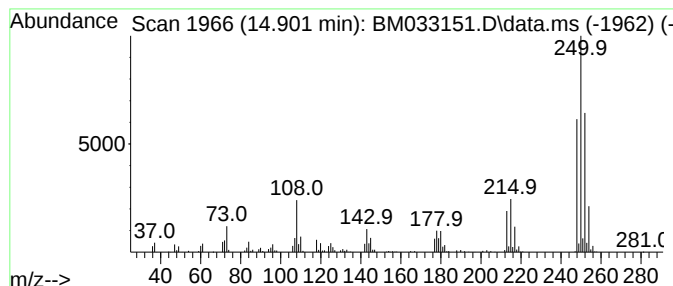
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, pentachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.901	31.25 ng/ul	2030390	Acenaphthene-d10	14.583

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, pentachloro-	248	C6HC15	000608-93-5	99
2			Benzene, pentachloro-	248	C6HC15	000608-93-5	99
3			Benzene, pentachloro-	248	C6HC15	000608-93-5	99
4			Benzene, pentachloro-	248	C6HC15	000608-93-5	96
5			Benzene, pentachloro-	248	C6HC15	000608-93-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

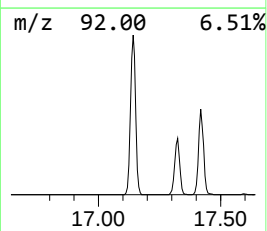
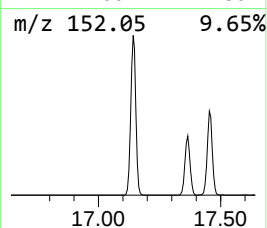
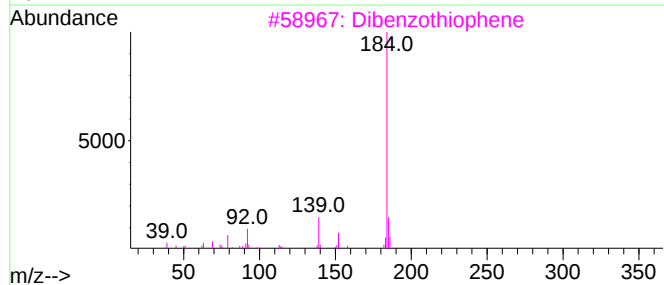
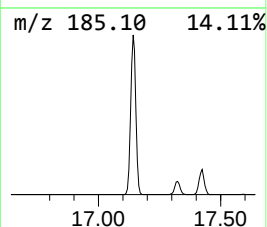
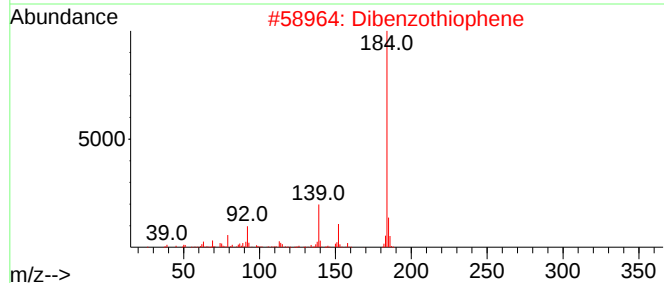
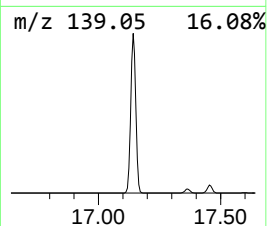
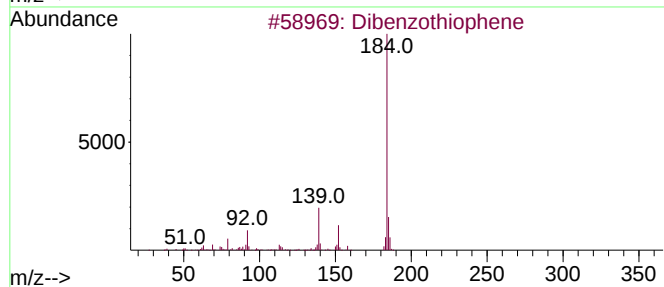
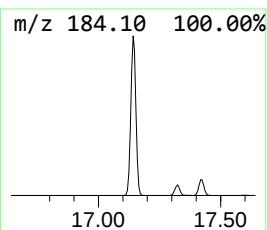
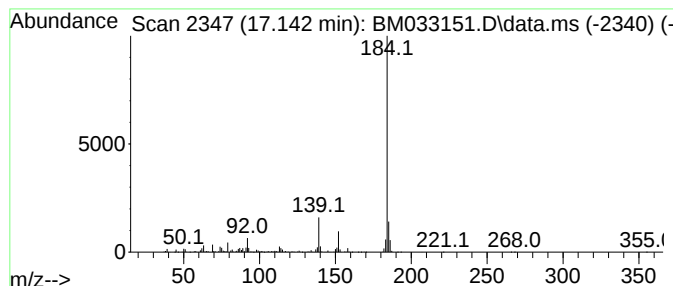
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	41.04 ng/ul	2864710	Phenanthrene-d10	17.324

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	96
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\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

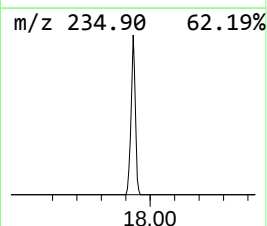
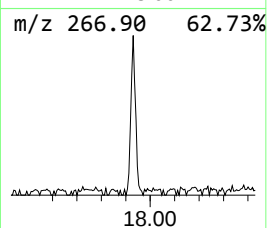
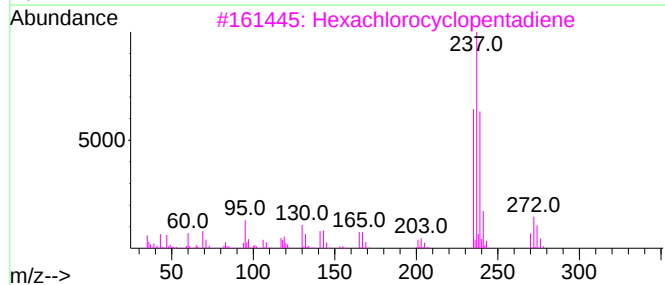
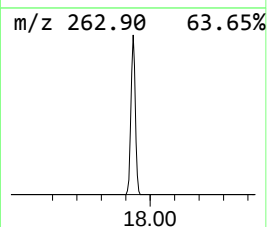
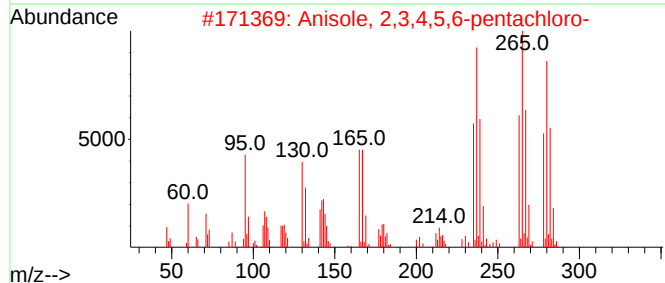
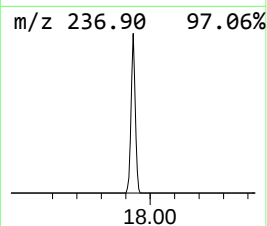
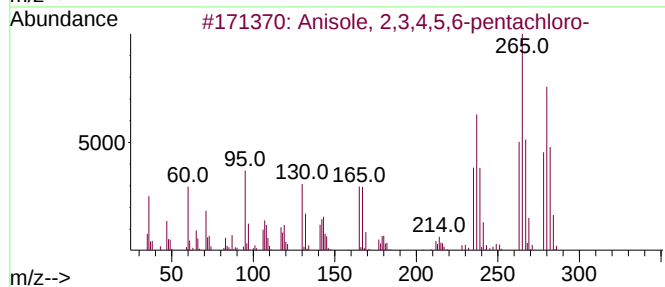
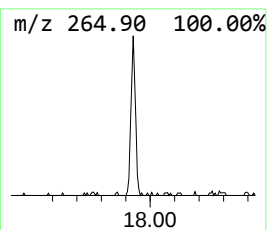
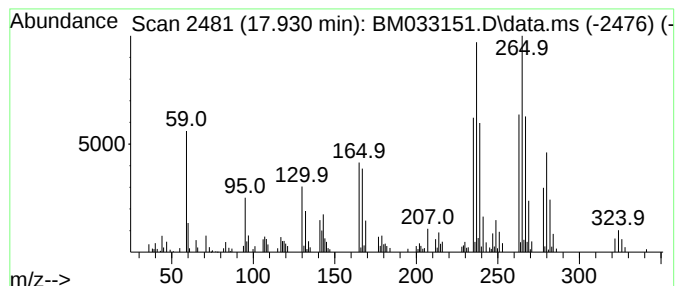
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.930	2.45 ng/ul	170843	Phenanthrene-d10	17.324

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	94		
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	60		
3	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	22		
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	22		
5	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	16		



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033151.D
Acq On : 18 Nov 2021 12:38
Operator : CG/JU
Sample : M4642-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X3804

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.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
Toluene	4.178	2324.9	ng/ul	82131600	1	7.966	706540	20.0
2-Pentanone, 4-...	5.084	12.3	ng/ul	434733	1	7.966	706540	20.0
Benzaldehyde di...	9.436	36.0	ng/ul	1850910	2	10.766	1029610	20.0
unknown-01	12.283	6.7	ng/ul	345318	2	10.766	1029610	20.0
o-Hydroxybiphenyl	14.860	37.1	ng/ul	2410390	3	14.583	1299590	20.0
Benzene, pentaC...	14.901	31.3	ng/ul	2030390	3	14.583	1299590	20.0
Dibenzothiophene	17.142	41.0	ng/ul	2864710	4	17.324	1396200	20.0
Anisole, 2,3,4,...	17.930	2.5	ng/ul	170843	4	17.324	1396200	20.0