

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120920\
 Data File : BM028094.D
 Acq On : 09 Dec 2020 12:01
 Operator : JU/CG
 Sample : L4958-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S37

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.922	122	125	145	rBV	493224	796109	1.23%	0.467%
2	4.293	179	188	192	rBV	24957852	64554679	100.00%	37.842%
3	5.281	351	356	368	rBV	376519	540464	0.84%	0.317%
4	7.404	708	717	726	rBV2	898421	1660665	2.57%	0.973%
5	7.587	742	748	756	rBV	521998	813054	1.26%	0.477%
6	7.681	757	764	775	rVV	1072636	1594911	2.47%	0.935%
7	7.798	775	784	792	rVB	709148	1108614	1.72%	0.650%
8	8.281	859	866	873	rVB	492127	790428	1.22%	0.463%
9	8.981	979	985	995	rVB	797311	1248761	1.93%	0.732%
10	9.092	997	1004	1012	rVB	498699	782638	1.21%	0.459%
11	9.457	1057	1066	1070	rBV	596642	1035704	1.60%	0.607%
12	9.498	1070	1073	1080	rVB	240339	354281	0.55%	0.208%
13	9.763	1110	1118	1126	rVB	1392295	2147541	3.33%	1.259%
14	10.180	1182	1189	1192	rBV	472558	817705	1.27%	0.479%
15	10.216	1192	1195	1202	rVB	402312	609863	0.94%	0.357%
16	10.722	1273	1281	1283	rBV	827788	1342332	2.08%	0.787%
17	11.110	1335	1347	1352	rBV	652312	1148690	1.78%	0.673%
18	11.163	1352	1356	1362	rVV	492976	780200	1.21%	0.457%
19	11.239	1362	1369	1382	rVB	621507	1062978	1.65%	0.623%
20	11.439	1396	1403	1411	rBV	743498	1222800	1.89%	0.717%
21	12.604	1595	1601	1608	rBV	250184	380469	0.59%	0.223%
22	12.751	1619	1626	1633	rBV	1104631	1681518	2.60%	0.986%
23	12.969	1656	1663	1670	rVB	1725433	2633567	4.08%	1.544%
24	13.092	1677	1684	1694	rVB2	1244754	2398252	3.72%	1.406%
25	13.339	1719	1726	1742	rBV	1253630	1843251	2.86%	1.081%
26	13.745	1788	1795	1799	rBV	2574610	3695222	5.72%	2.166%
27	13.792	1799	1803	1811	rVB	503325	757266	1.17%	0.444%
28	14.298	1882	1889	1896	rBV	1310982	1764614	2.73%	1.034%
29	14.468	1911	1918	1924	rBV	1072093	1450461	2.25%	0.850%
30	14.598	1933	1940	1943	rBV	1516712	2333480	3.61%	1.368%
31	14.627	1943	1945	1956	rVB	831661	1031483	1.60%	0.605%
32	14.904	1982	1992	1997	rBV	947545	1424300	2.21%	0.835%
33	14.963	1997	2002	2005	rVV	678224	1016993	1.58%	0.596%
34	14.998	2005	2008	2014	rVV	823244	1091453	1.69%	0.640%

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35	15.063	2014	2019	2029	rVV	675914	978700	1.52%	0.574%
36	15.163	2029	2036	2040	rVV	1944431	2623754	4.06%	1.538%
37	15.215	2040	2045	2052	rVV	1548409	2180280	3.38%	1.278%
38	15.292	2052	2058	2070	rVB	598455	849803	1.32%	0.498%
39	15.880	2152	2158	2162	rBV	1863895	2674749	4.14%	1.568%
40	15.927	2162	2166	2172	rVV2	1259451	2289991	3.55%	1.342%
41	15.998	2172	2178	2189	rVV2	1364819	2373841	3.68%	1.392%
42	16.933	2330	2337	2343	rVB	1585836	2254571	3.49%	1.322%
43	17.268	2387	2394	2405	rBV	1937799	2703120	4.19%	1.585%
44	17.445	2416	2424	2431	rVB	2221537	3231368	5.01%	1.894%
45	17.621	2447	2454	2457	rBV	1130664	1587825	2.46%	0.931%
46	17.662	2457	2461	2465	rVV	837195	1128118	1.75%	0.661%
47	17.715	2465	2470	2474	rVV	1934942	2941203	4.56%	1.724%
48	17.751	2474	2476	2488	rVB	1415198	1713526	2.65%	1.004%
49	18.015	2513	2521	2528	rBV	2718397	3770161	5.84%	2.210%
50	19.645	2789	2798	2805	rBV	1792756	2322248	3.60%	1.361%
51	19.974	2848	2854	2857	rBV	2359927	3502124	5.43%	2.053%
52	20.003	2857	2859	2865	rVB	1798791	1894062	2.93%	1.110%
53	21.715	3145	3150	3156	rBV2	2724656	5014461	7.77%	2.939%
54	21.768	3156	3159	3167	rVB	997910	1218918	1.89%	0.715%
55	23.403	3431	3437	3447	rVB	1508552	2492719	3.86%	1.461%
56	23.980	3528	3535	3540	rBV	1537796	3194061	4.95%	1.872%
57	24.027	3540	3543	3553	rVV	750882	1361749	2.11%	0.798%
58	24.133	3556	3561	3571	rVB	815225	1580213	2.45%	0.926%
59	26.621	3974	3984	3996	rVB2	1831967	5554986	8.61%	3.256%
60	27.373	4106	4112	4125	rVB	409196	1240099	1.92%	0.727%

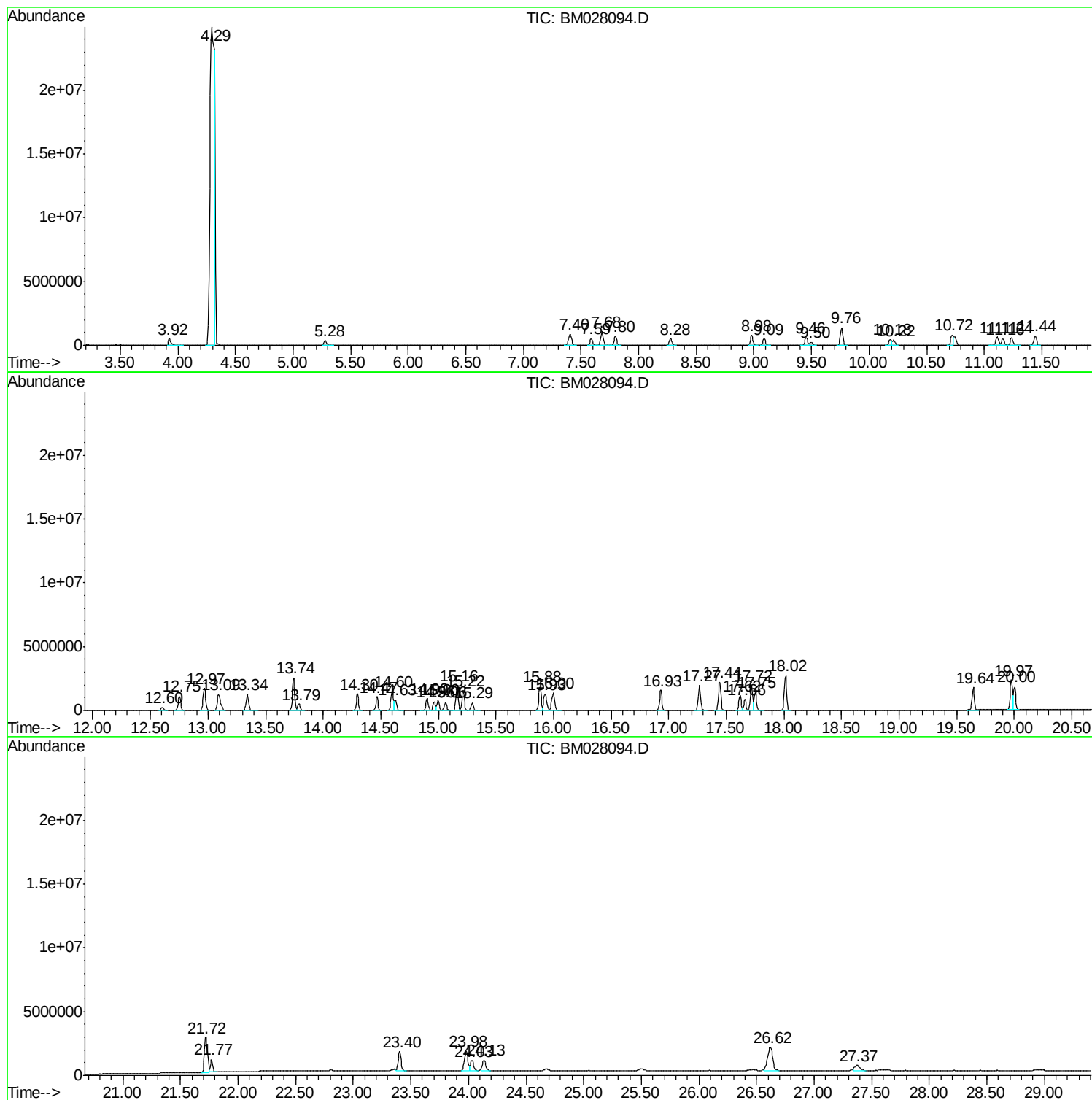
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Quant Title : SVOA CALIBRATION

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



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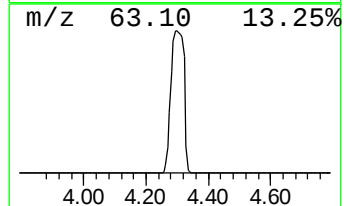
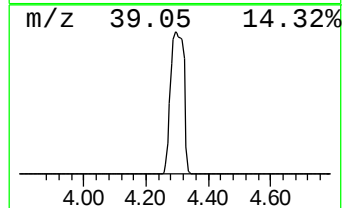
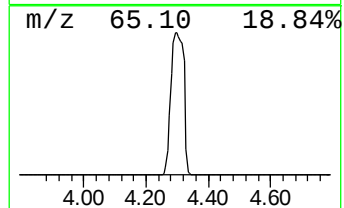
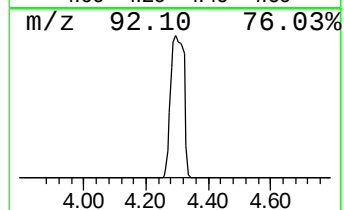
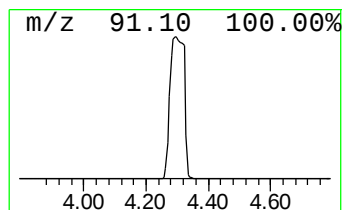
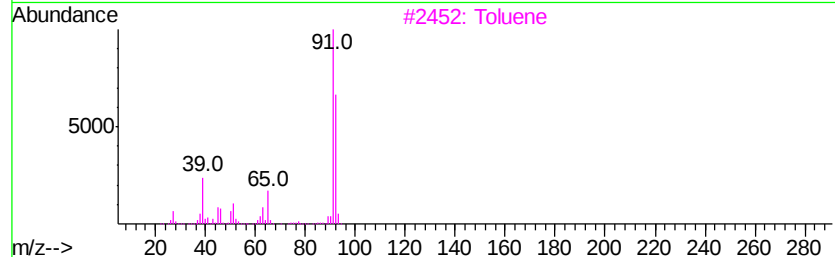
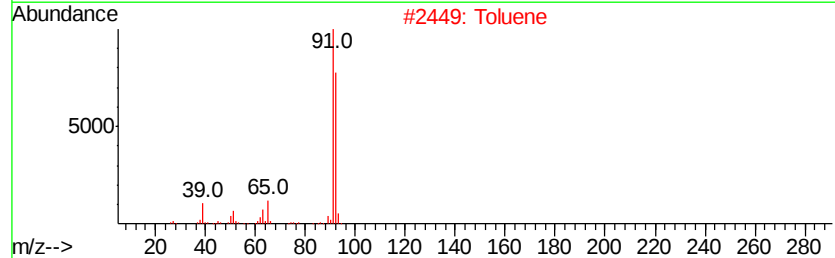
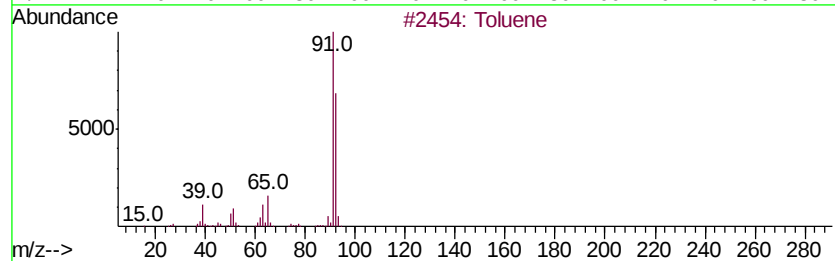
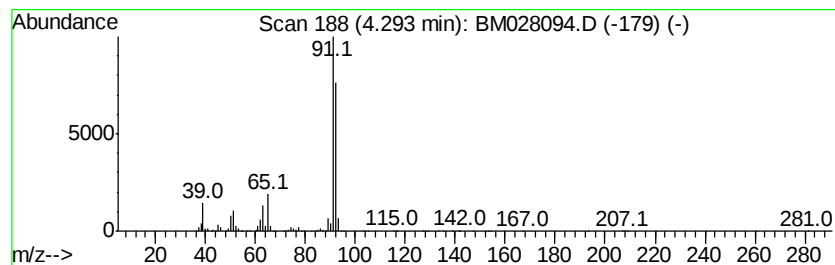
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.29	1633.41 ng/ul	64554700	1,4-Dichlorobenzene-d4	8.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene		92	C7H8	000108-88-3	97
2	Toluene		92	C7H8	000108-88-3	95
3	Toluene		92	C7H8	000108-88-3	91
4	Toluene		92	C7H8	000108-88-3	91
5	2,5-Norbornadiene		92	C7H8	000121-46-0	91



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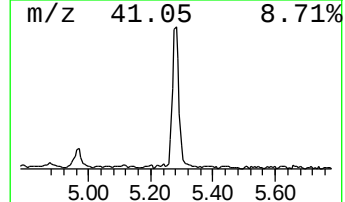
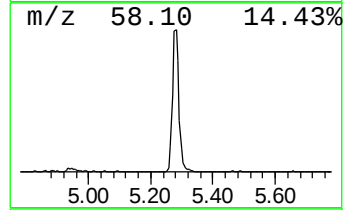
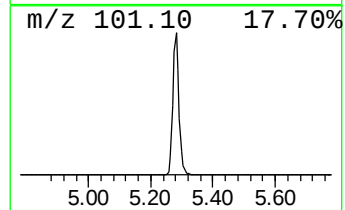
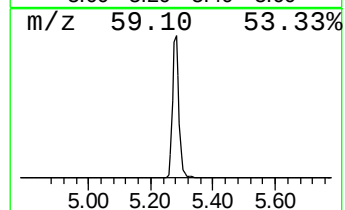
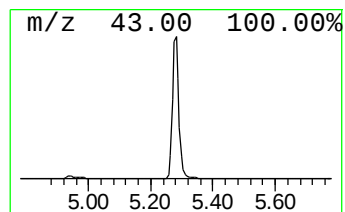
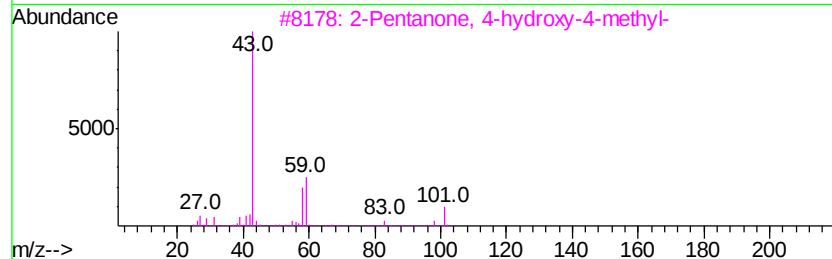
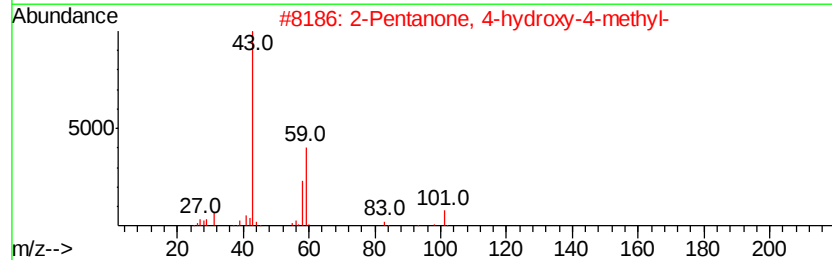
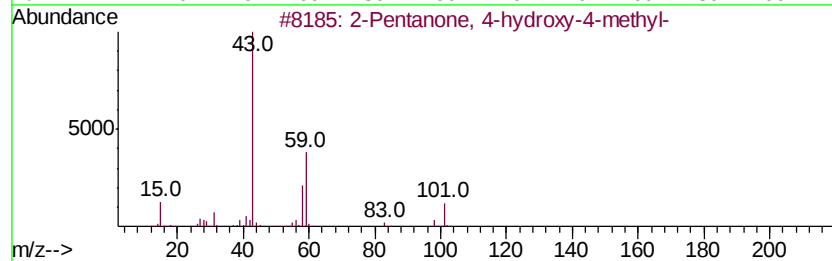
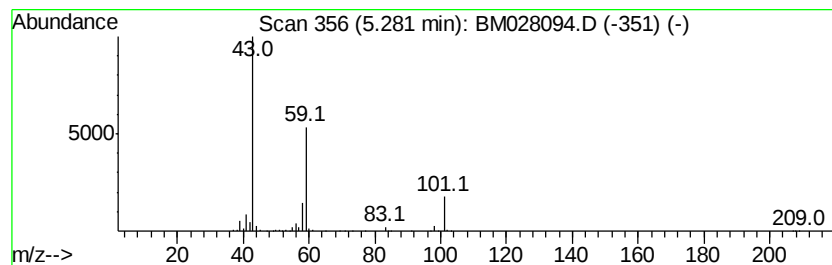
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
5.28	13.68 ng/ul	540464	1,4-Dichlorobenzene-d4	8.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16



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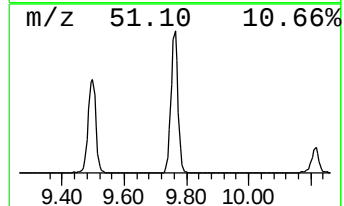
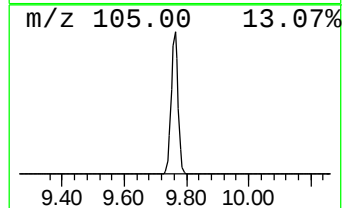
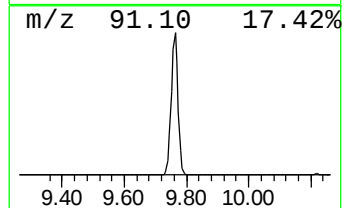
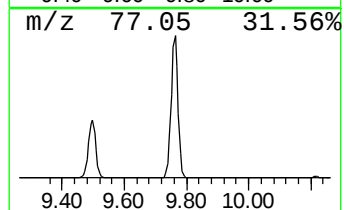
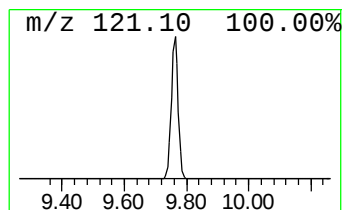
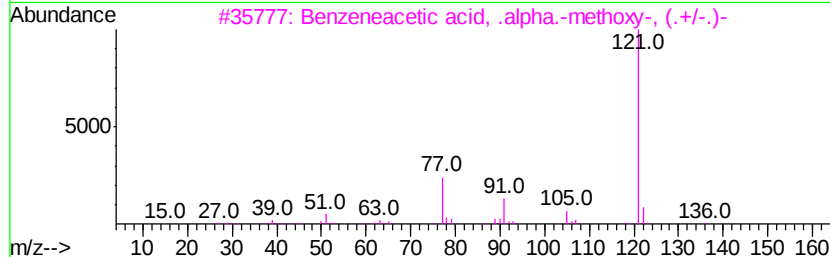
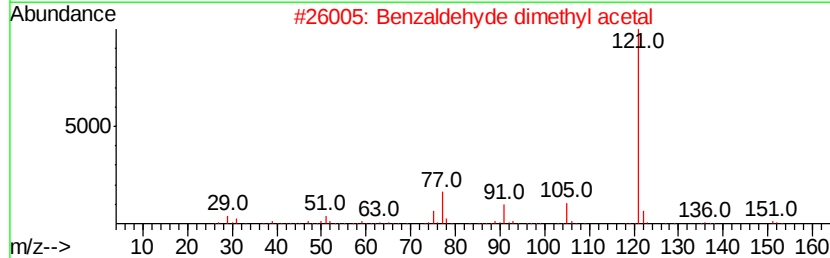
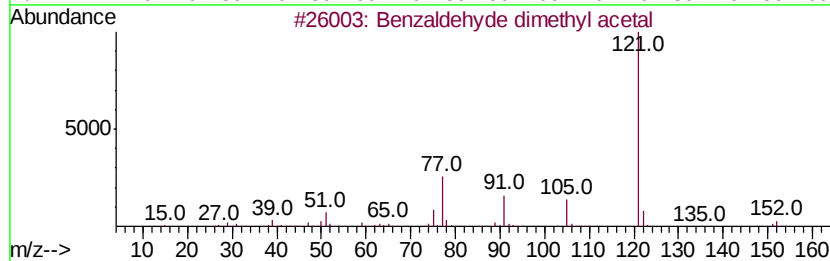
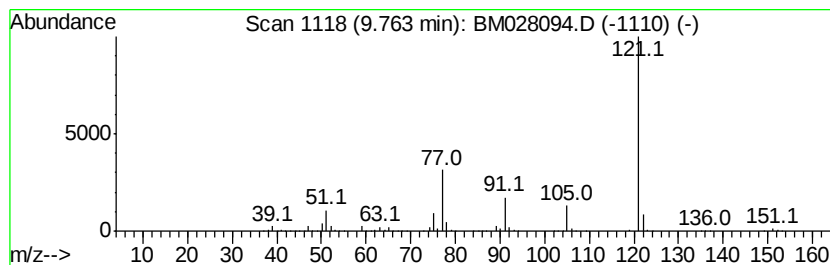
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Benzaldehyde dimethyl acetal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	37.39 ng/ul	2147540	Naphthalene-d8	11.11

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	90
2	Benzaldehyde dimethyl acetal	152	C9H12O2	001125-88-8	80
3	Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	007021-09-2	78
4	Benzene, (1,2-dimethoxyethyl)-	166	C10H14O2	004013-37-0	72
5	Benzeneacetic acid, .alpha.-meth...	180	C10H12O3	056143-21-6	64



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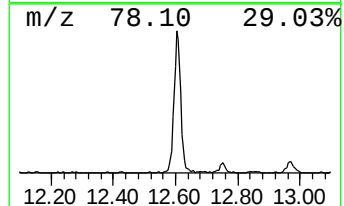
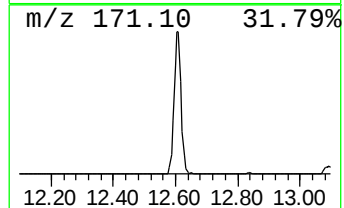
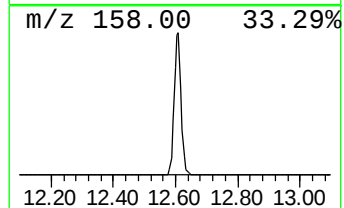
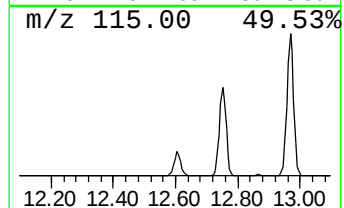
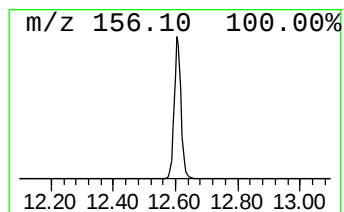
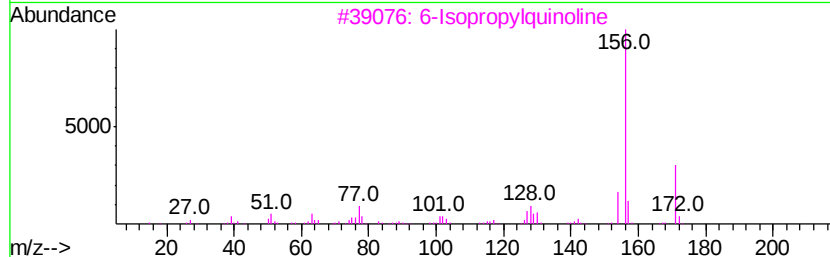
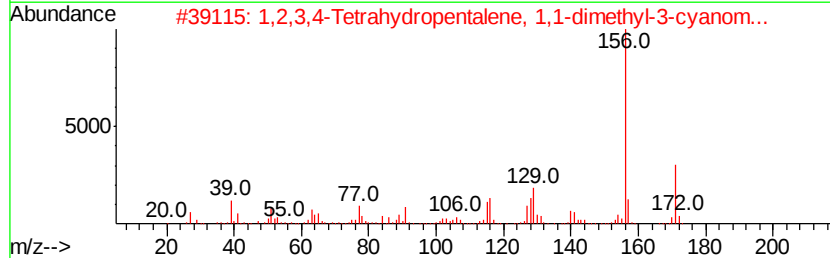
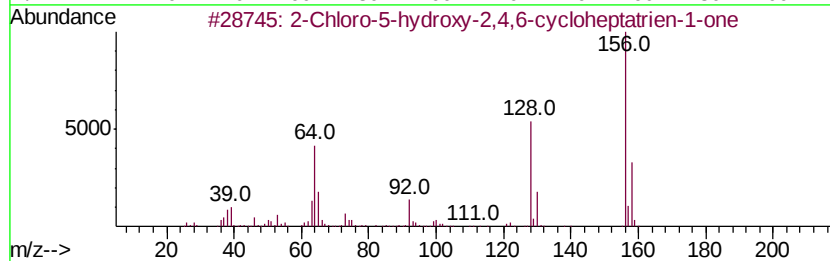
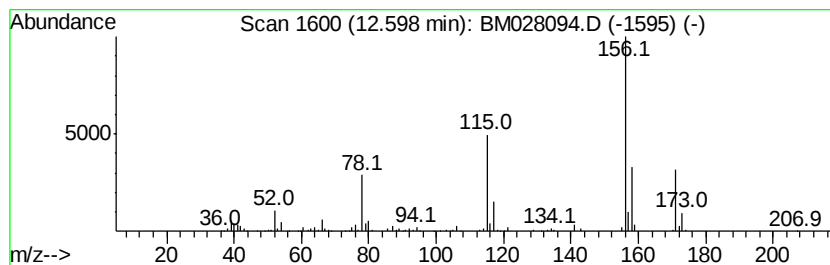
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	6.62 ng/ul	380469	Naphthalene-d8	11.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
2		1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
3		6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4		Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
5		Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28



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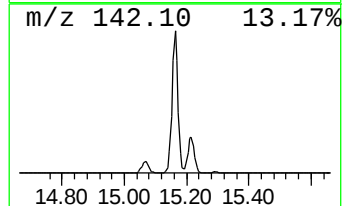
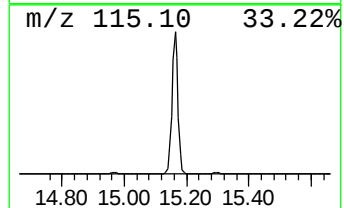
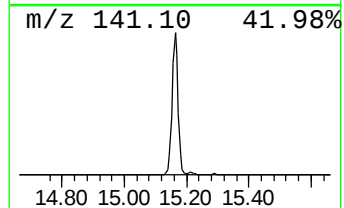
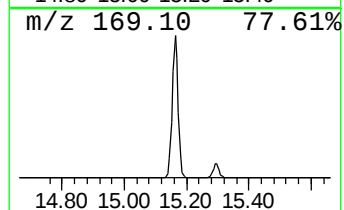
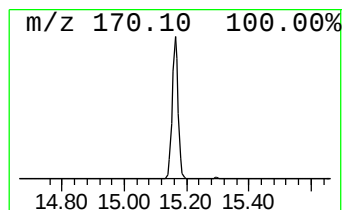
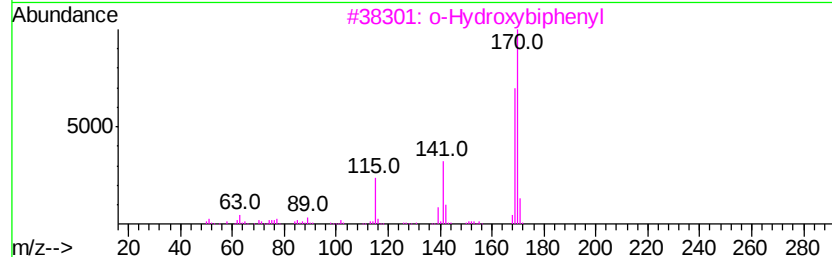
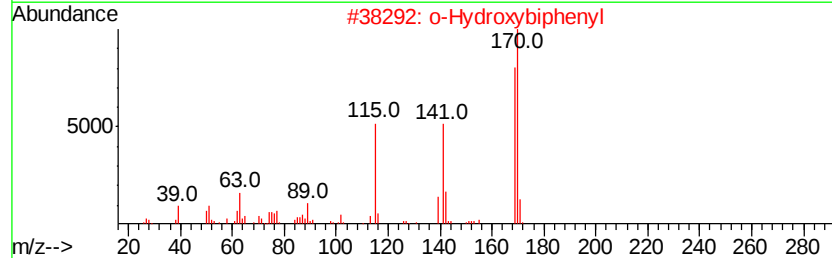
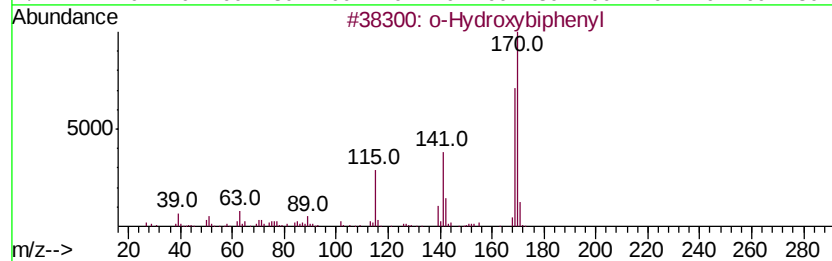
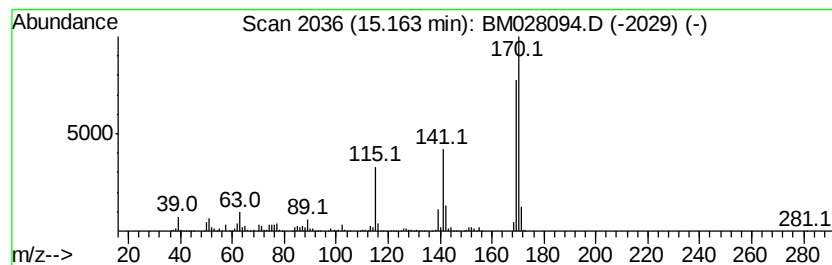
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 o-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	36.84 ng/ul	2623750	Acenaphthene-d10	14.90

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	96
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120920\
Data File : BM028094.D
Acq On : 09 Dec 2020 12:01
Operator : JU/CG
Sample : L4958-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S37

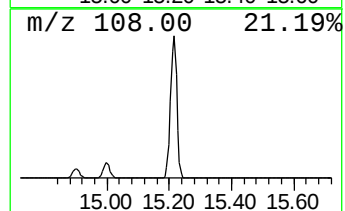
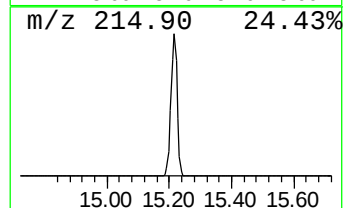
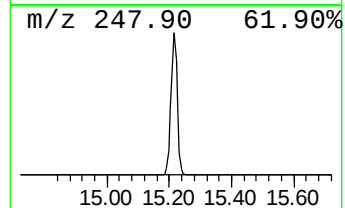
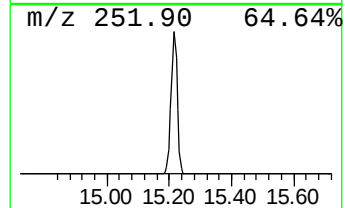
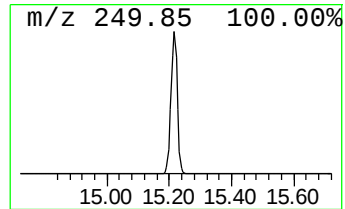
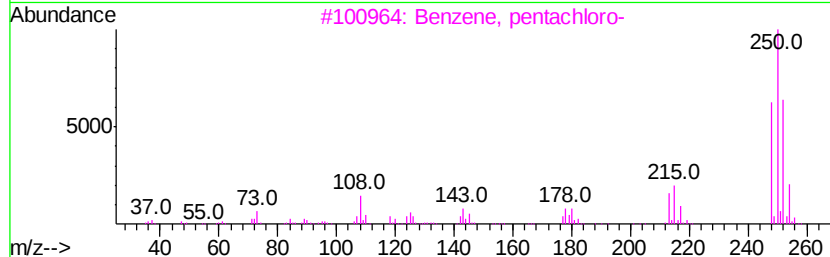
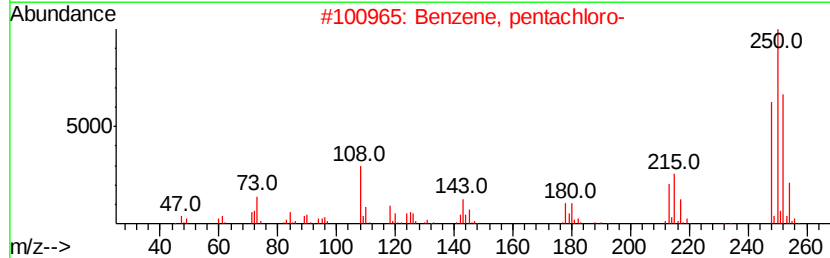
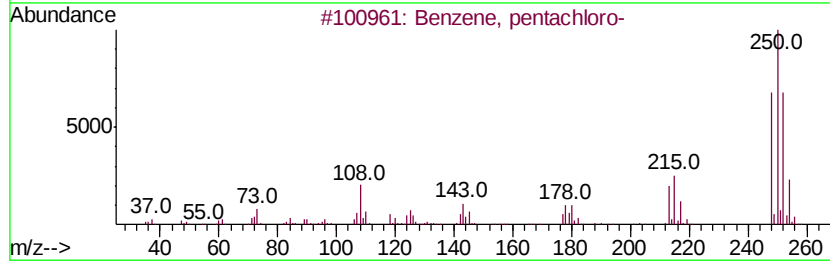
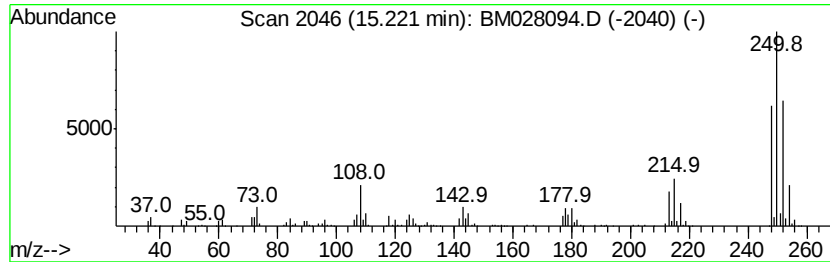
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzene, pentachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	30.62 ng/ul	2180280	Acenaphthene-d10	14.90

Hit# of	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
2	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
3	Benzene, pentachloro-	248	C6HCl5	000608-93-5	99
4	Benzene, pentachloro-	248	C6HCl5	000608-93-5	94
5	Benzene, pentachloro-	248	C6HCl5	000608-93-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120920\
Data File : BM028094.D
Acq On : 09 Dec 2020 12:01
Operator : JU/CG
Sample : L4958-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S37

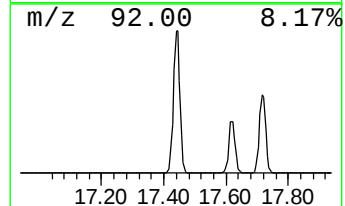
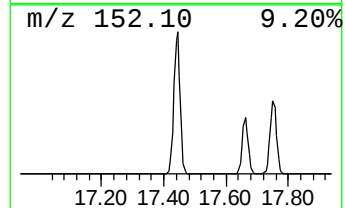
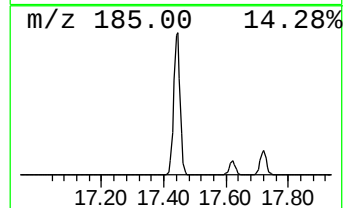
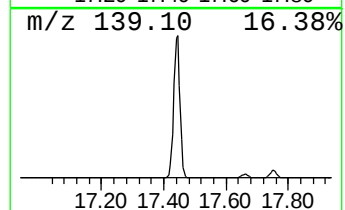
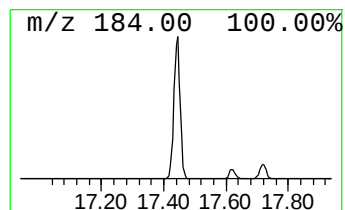
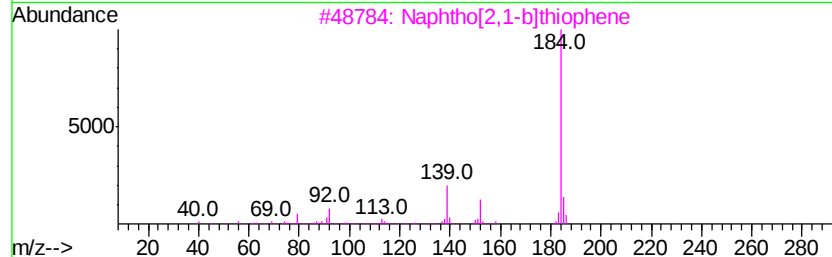
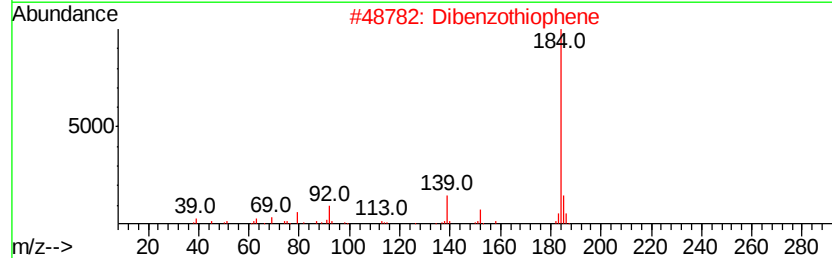
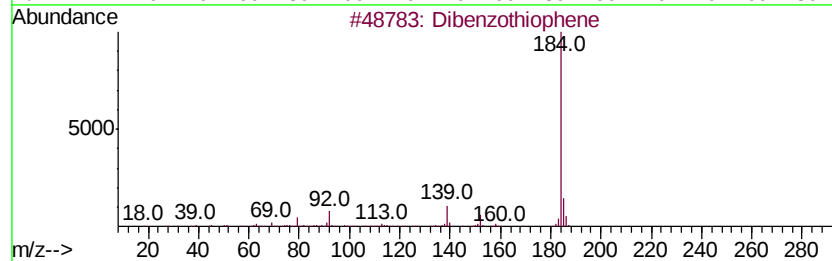
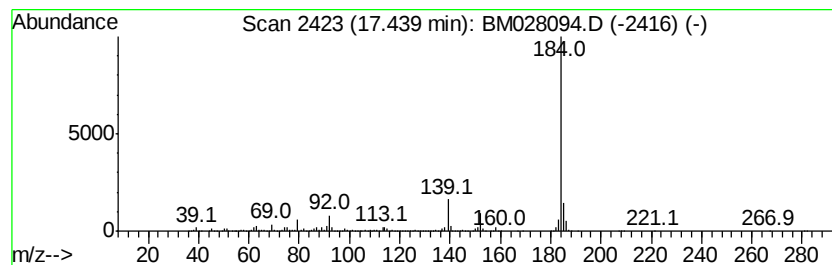
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	40.70 ng/ul	3231370	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120920\
Data File : BM028094.D
Acq On : 09 Dec 2020 12:01
Operator : JU/CG
Sample : L4958-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Toluene	4.29	1633.4	ng/ul	64554700	1	8.28	790428	20.0
2-Pentanone, 4-hy...	5.28	13.7	ng/ul	540464	1	8.28	790428	20.0
Benzaldehyde dime...	9.76	37.4	ng/ul	2147540	2	11.11	1148690	20.0
unknown-01	12.60	6.6	ng/ul	380469	2	11.11	1148690	20.0
o-Hydroxybiphenyl	15.16	36.8	ng/ul	2623750	3	14.90	1424300	20.0
Benzene, pentachl...	15.22	30.6	ng/ul	2180280	3	14.90	1424300	20.0
Dibenzothiophene	17.44	40.7	ng/ul	3231370	4	17.62	1587830	20.0