

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
 Data File : BM007716.D
 Acq On : 24 Oct 2016 12:16
 Operator : UM/SJ
 Sample : H5349-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2678

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.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	2.834	36	42	67	rVB4	46068830	108480910	100.00%	52.215%
2	4.004	235	241	257	rVB	1519377	2147119	1.98%	1.033%
3	5.422	475	482	494	rBV	1710070	3539553	3.26%	1.704%
4	6.928	731	738	741	rBV	866169	1575010	1.45%	0.758%
5	7.286	792	799	810	rBV	882146	1421692	1.31%	0.684%
6	7.751	869	878	887	rBV	721957	1172632	1.08%	0.564%
7	8.457	992	998	1009	rVB	1037654	1669535	1.54%	0.804%
8	8.816	1053	1059	1067	rVB	745655	1241114	1.14%	0.597%
9	8.910	1067	1075	1088	rBV	758849	1324608	1.22%	0.638%
10	9.622	1190	1196	1211	rBV	627119	1126855	1.04%	0.542%
11	10.157	1280	1287	1301	rBV	983936	1680208	1.55%	0.809%
12	10.533	1342	1351	1358	rBV	904742	1533458	1.41%	0.738%
13	10.692	1368	1378	1398	rBV2	1266012	3686604	3.40%	1.774%
14	13.216	1800	1807	1815	rBV	2477161	3759362	3.47%	1.809%
15	13.474	1844	1851	1867	rBV	1813350	2869788	2.65%	1.381%
16	13.798	1899	1906	1910	rBV	1799443	2500099	2.30%	1.203%
17	13.845	1910	1914	1924	rVB	1082741	1523002	1.40%	0.733%
18	14.074	1945	1953	1963	rBV	1901231	2824691	2.60%	1.360%
19	14.386	1999	2006	2011	rBV	1394188	1992393	1.84%	0.959%
20	14.451	2011	2017	2024	rVB	1286063	1924101	1.77%	0.926%
21	15.210	2140	2146	2154	rBV	1224917	1602464	1.48%	0.771%
22	15.380	2168	2175	2184	rBV	2545014	3632556	3.35%	1.748%
23	15.521	2191	2199	2212	rBV3	1444808	2777093	2.56%	1.337%
24	16.439	2349	2355	2361	rVB	1835796	2669126	2.46%	1.285%
25	16.780	2407	2413	2419	rBV	2535224	3345092	3.08%	1.610%
26	17.133	2466	2473	2479	rBV2	1604065	2354919	2.17%	1.133%
27	17.227	2483	2489	2493	rVV	2623689	4042342	3.73%	1.946%
28	17.262	2493	2495	2507	rVB	1096965	1459564	1.35%	0.703%
29	18.098	2631	2637	2644	rBV	1885815	2308184	2.13%	1.111%
30	19.527	2873	2880	2890	rBV	3367391	4737347	4.37%	2.280%
31	20.450	3032	3037	3043	rBV	2368867	2871486	2.65%	1.382%
32	21.227	3164	3169	3174	rBV	3829413	4003047	3.69%	1.927%
33	21.315	3179	3184	3187	rVV	2532542	3285139	3.03%	1.581%
34	21.350	3187	3190	3199	rVB	1971161	2597245	2.39%	1.250%

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35	22.103	3314	3318	3324	rBV	2065197	2499800	2.30%	1.203%
36	22.856	3440	3446	3452	rBV	2929518	4679506	4.31%	2.252%
37	23.427	3536	3543	3548	rBV2	2969822	5760065	5.31%	2.772%
38	23.468	3548	3550	3560	rVV	1106182	1763040	1.63%	0.849%
39	23.568	3561	3567	3580	rVB	1744867	3377747	3.11%	1.626%

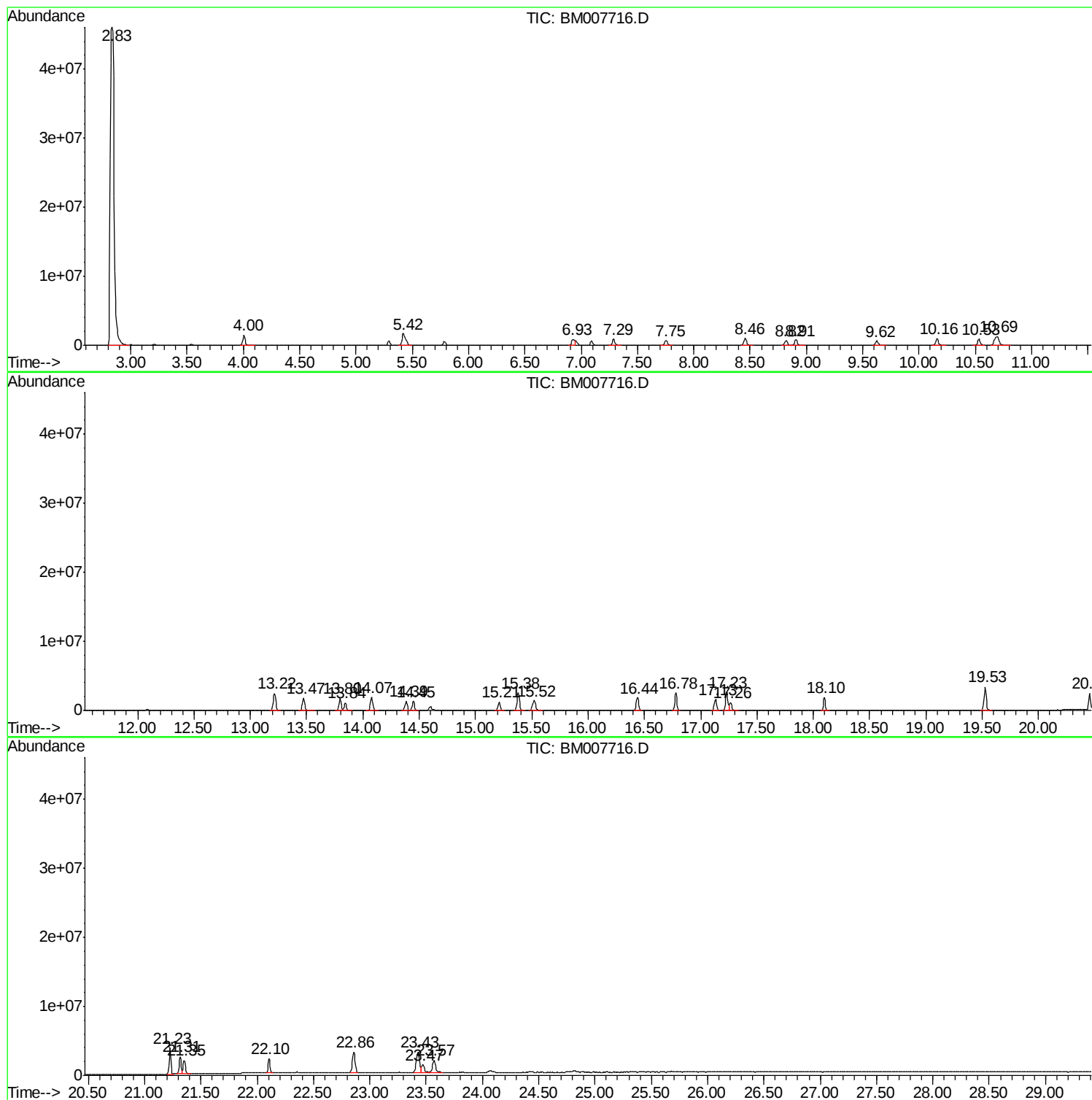
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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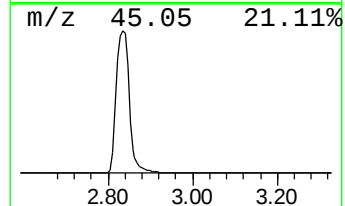
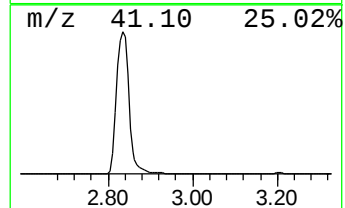
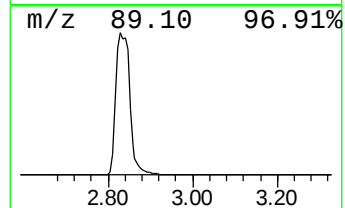
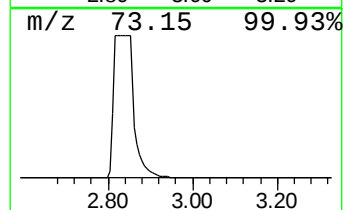
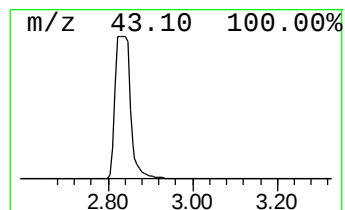
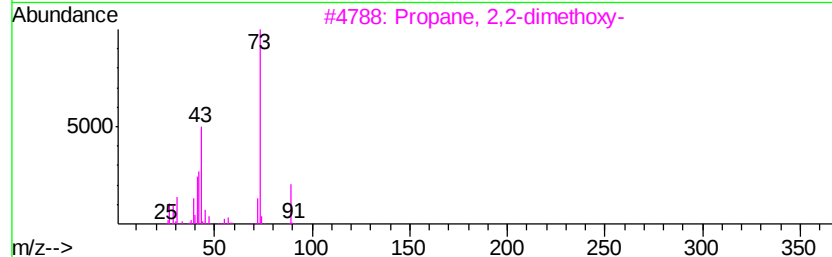
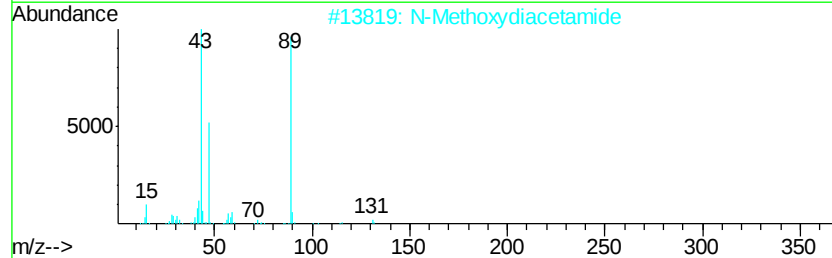
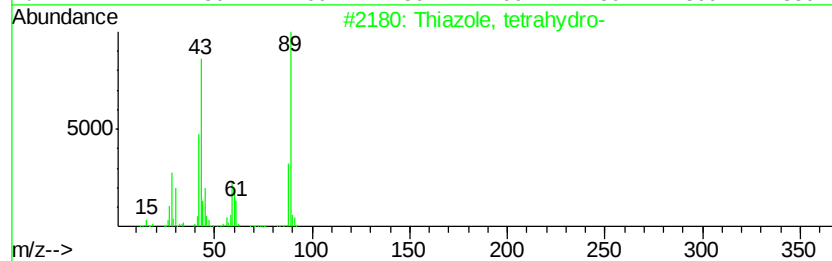
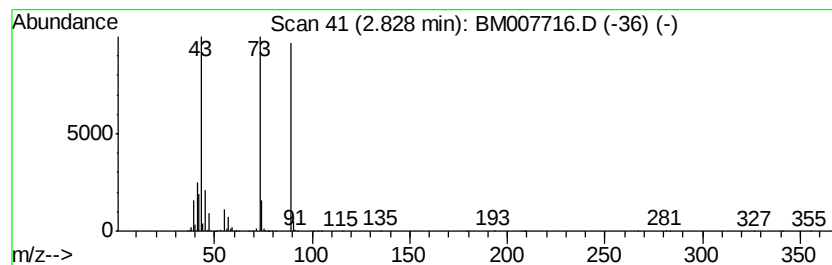
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 Thiazole, tetrahydro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	1850.21 ng/ul	108481000	1,4-Dichlorobenzene-d4	7.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	56
2		N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	39
3		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	9
4		Malic Acid	134	C4H6O5	006915-15-7	9
5		1,3,5-Trioxane	90	C3H6O3	000110-88-3	4



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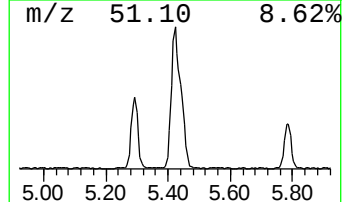
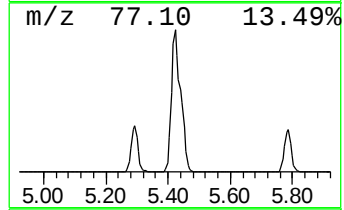
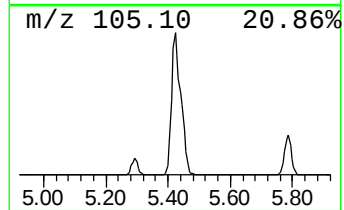
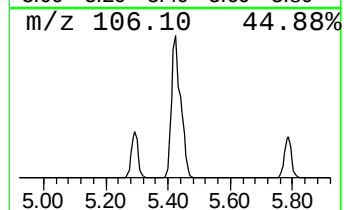
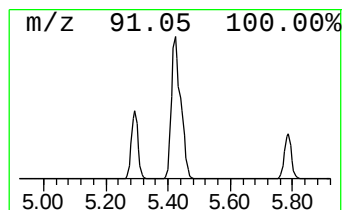
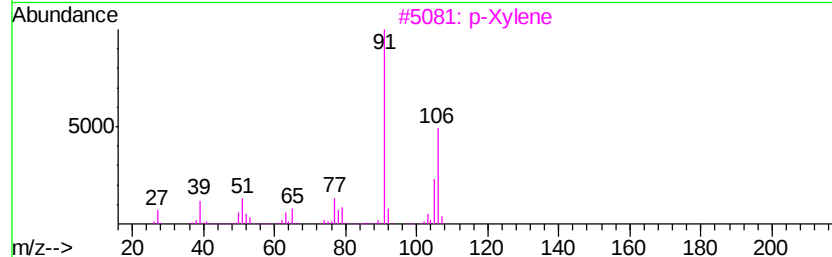
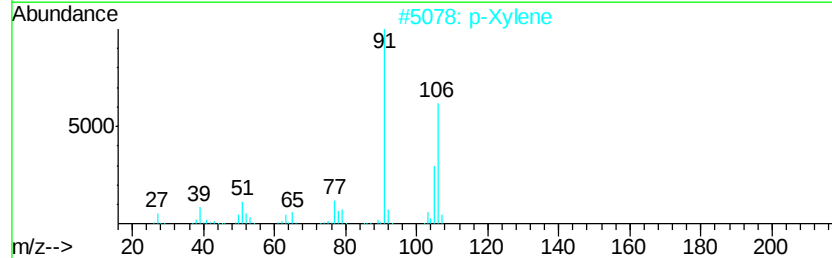
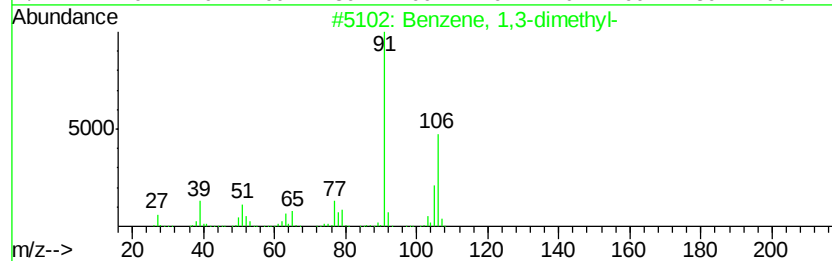
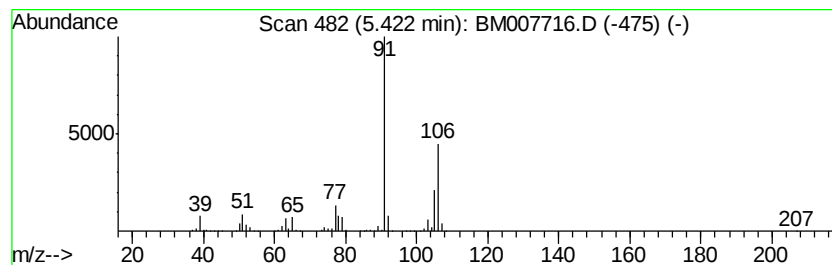
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Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	60.37 ng/ul	3539550	1,4-Dichlorobenzene-d4	7.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		p-Xylene	106	C8H10	000106-42-3	97
4		o-Xylene	106	C8H10	000095-47-6	97
5		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97



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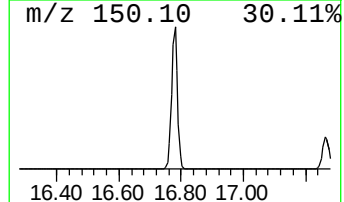
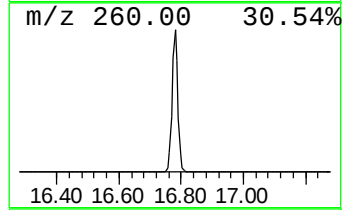
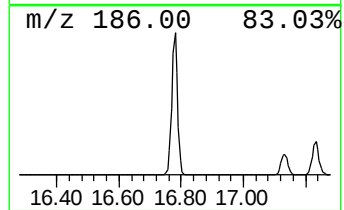
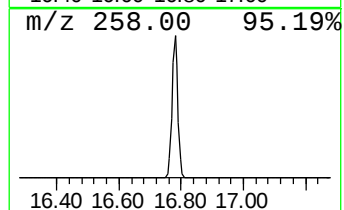
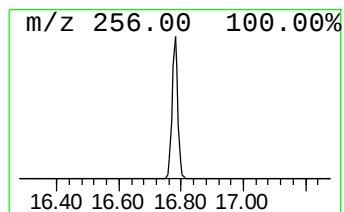
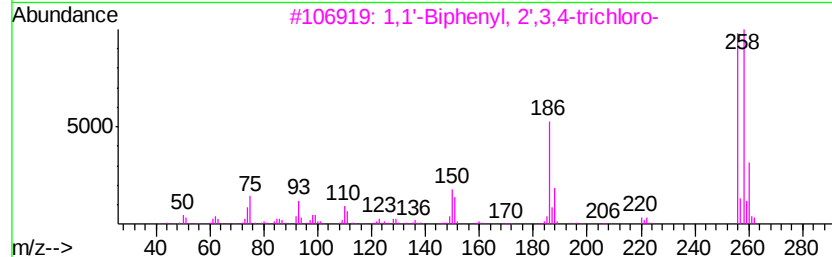
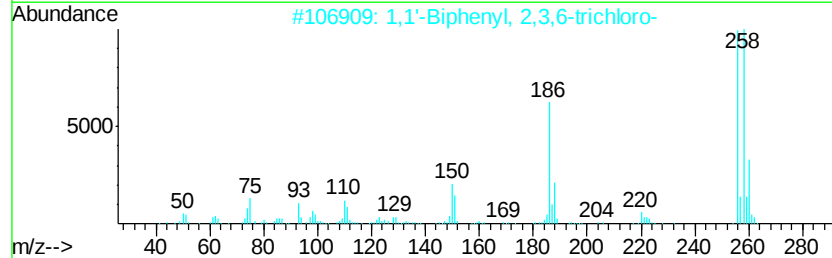
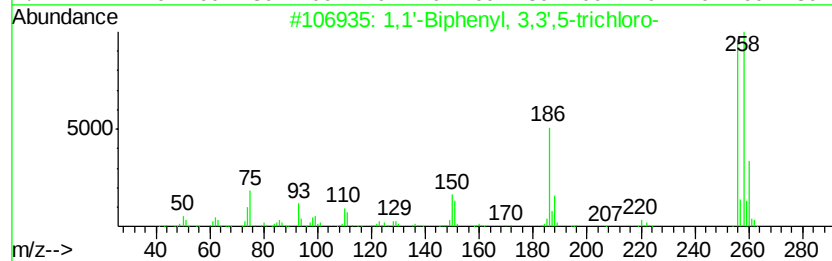
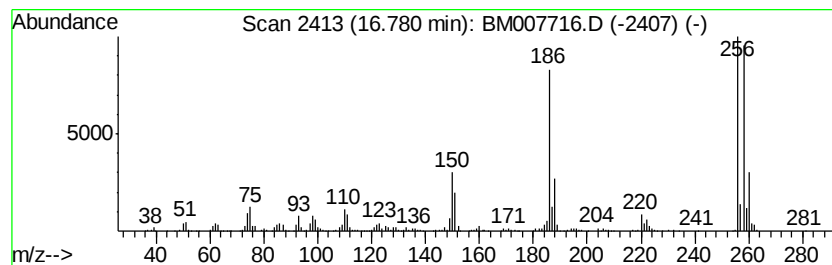
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Peak Number 4 1,1'-Biphenyl, 3,3',5-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	28.41 ng/ul	3345090	Phenanthrene-d10	17.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
2		1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	99
3		1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4		1,1'-Biphenyl, 3,4',5-trichloro-	256	C12H7Cl3	038444-88-1	99
5		1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99



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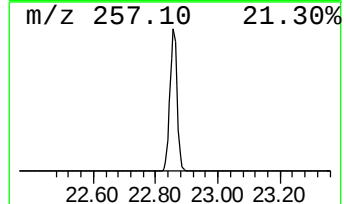
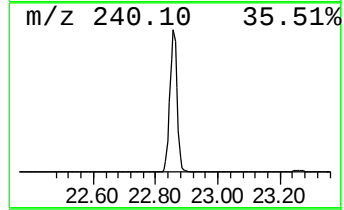
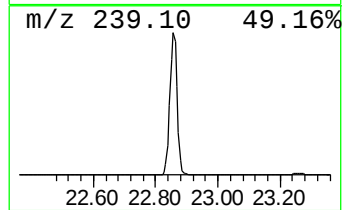
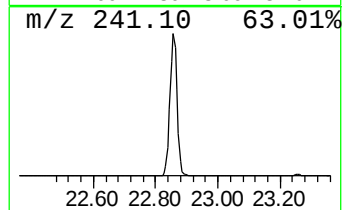
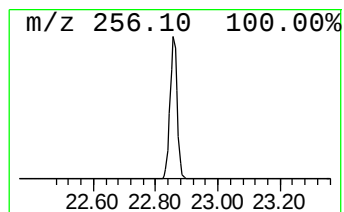
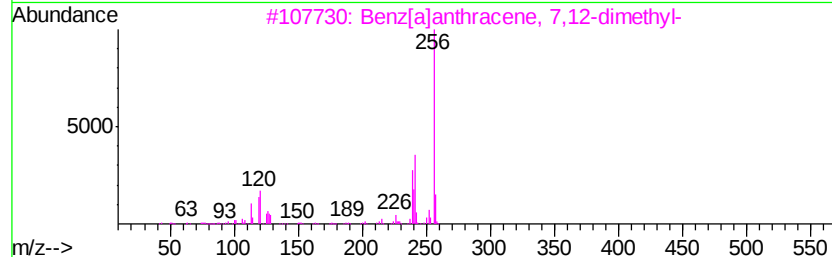
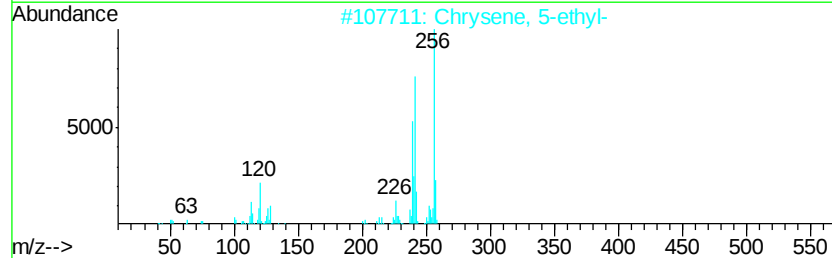
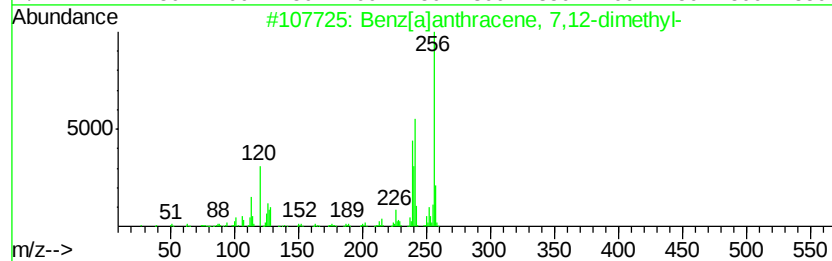
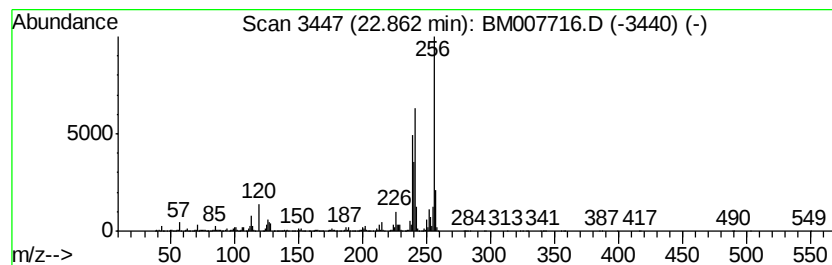
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Peak Number 5 Benz[a]anthracene, 7,12-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	27.71 ng/ul	4679510	Perylene-d12	23.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	99
2		Chrysene, 5-ethyl-	256	C20H16	054986-62-8	97
3		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	95
4		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	94
5		Benz(a)anthracene, 6,12-dimethyl-	256	C20H16	000568-81-0	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiazole, tetrahy...	2.83	1850.2	ng/ul	108481000	1	7.75	1172630	20.0
Benzene, 1,3-dime...	5.42	60.4	ng/ul	3539550	1	7.75	1172630	20.0
1,1'-Biphenyl, 3,...	16.78	28.4	ng/ul	3345090	4	17.13	2354920	20.0
Benz[a]anthracene...	22.86	27.7	ng/ul	4679510	6	23.57	3377750	20.0