

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092017\
 Data File : BM011646.D
 Acq On : 20 Sep 2017 20:24
 Operator : SJ/JU
 Sample : I5273-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ8DL

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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.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	5.287	330	340	344	rBV5	67939816	188257839	90.55%	21.396%
2	6.646	565	571	582	rBV	365551	633583	0.30%	0.072%
3	7.298	675	682	694	rBV	266290	471379	0.23%	0.054%
4	7.498	710	716	727	rBV	270292	471557	0.23%	0.054%
5	7.869	769	779	790	rBV	46207568	93412013	44.93%	10.616%
6	8.028	790	806	808	rBV2	66708921	168886748	81.23%	19.194%
7	8.363	849	863	865	rBV5	67722286	207911066	100.00%	23.629%
8	8.663	908	914	933	rVB2	179455	348165	0.17%	0.040%
9	9.128	987	993	996	rBV	351792	598504	0.29%	0.068%
10	9.169	996	1000	1021	rVB	1190169	2088440	1.00%	0.237%
11	9.463	1043	1050	1061	rBV	575902	1012623	0.49%	0.115%
12	9.781	1099	1104	1110	rVV2	346988	628119	0.30%	0.071%
13	9.851	1110	1116	1119	rVV2	260248	493016	0.24%	0.056%
14	9.881	1119	1121	1136	rVB3	226894	428562	0.21%	0.049%
15	10.386	1201	1207	1219	rBV	381249	678929	0.33%	0.077%
16	10.657	1240	1253	1267	rBV2	58879431	127181633	61.17%	14.454%
17	10.781	1267	1274	1286	rVB	1681614	2764421	1.33%	0.314%
18	11.163	1329	1339	1348	rBV	26568631	46438893	22.34%	5.278%
19	11.369	1367	1374	1384	rBV	753323	1332136	0.64%	0.151%
20	11.586	1403	1411	1422	rBV	157640	320255	0.15%	0.036%
21	12.057	1482	1491	1503	rBV3	174070	385209	0.19%	0.044%
22	12.739	1600	1607	1611	rBV	455141	862146	0.41%	0.098%
23	12.786	1611	1615	1626	rVB	775789	1244540	0.60%	0.141%
24	13.016	1645	1654	1666	rBV	122837	285390	0.14%	0.032%
25	13.392	1711	1718	1728	rBV	2785445	4359391	2.10%	0.495%
26	13.992	1813	1820	1827	rBV	1153235	2026262	0.97%	0.230%
27	14.286	1863	1870	1880	rBV	802484	1243149	0.60%	0.141%
28	14.592	1915	1922	1937	rBV2	2339945	3641786	1.75%	0.414%
29	15.580	2084	2090	2098	rBV	1105717	1652631	0.79%	0.188%
30	15.692	2104	2109	2122	rVB	295996	458001	0.22%	0.052%
31	17.333	2381	2388	2399	rBV2	2970446	4319049	2.08%	0.491%
32	17.433	2399	2405	2416	rVB	1123535	1734106	0.83%	0.197%
33	18.698	2612	2620	2626	rBV2	414374	563037	0.27%	0.064%
34	19.715	2787	2793	2804	rBV	1439932	1977125	0.95%	0.225%

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35	21.497	3091	3096	3109	rBV	3837725	4796371	2.31%	0.545%
36	23.715	3466	3473	3484	rVB3	917482	1932273	0.93%	0.220%
37	23.868	3492	3499	3513	rVB	2008178	4054757	1.95%	0.461%

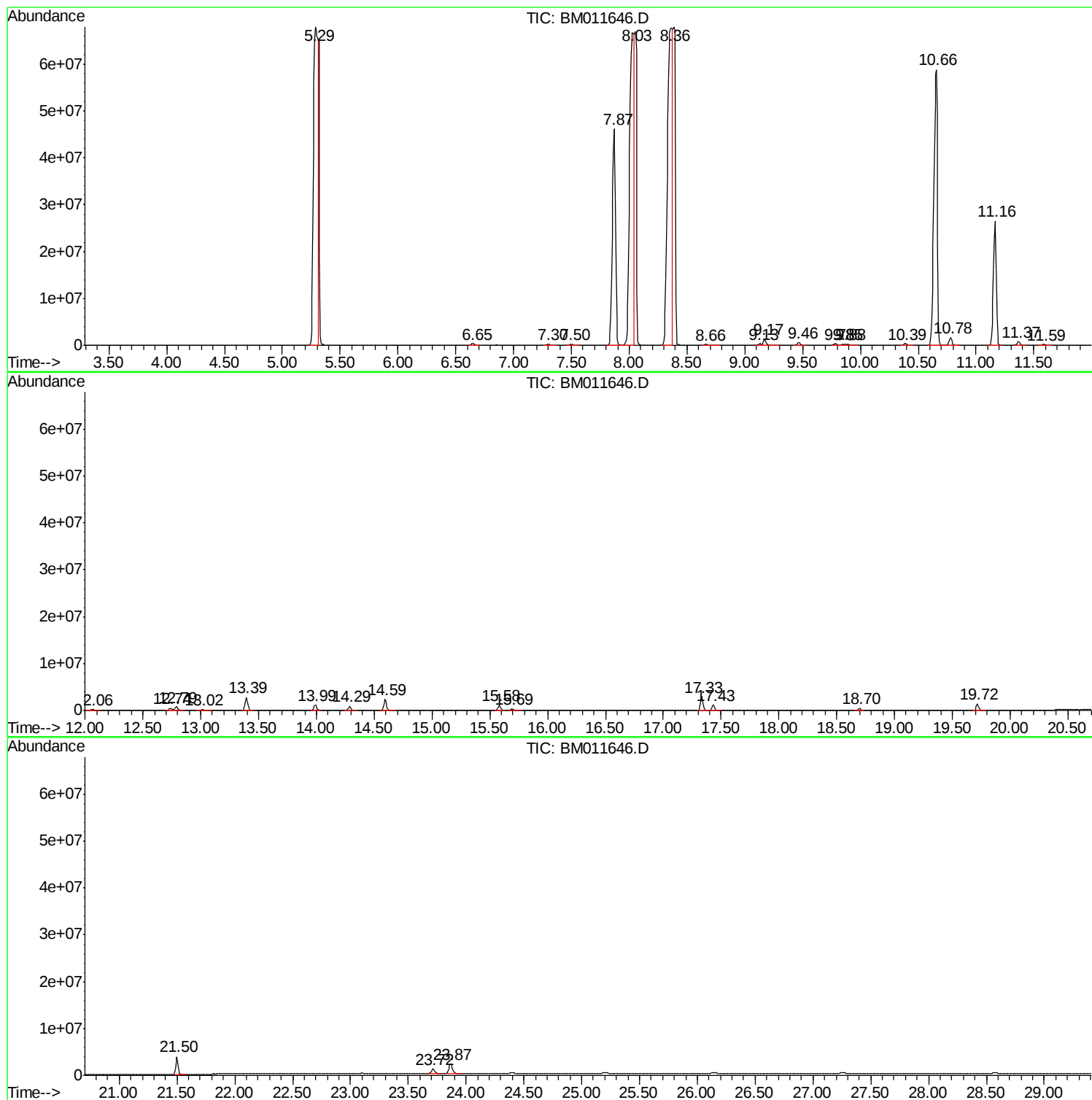
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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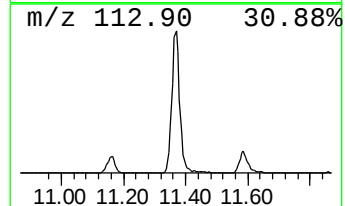
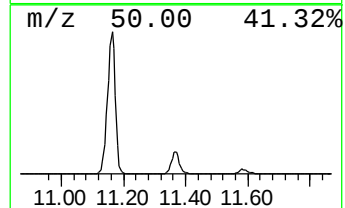
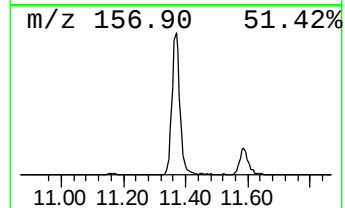
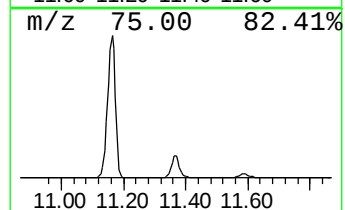
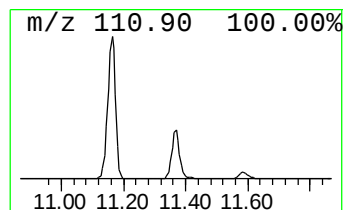
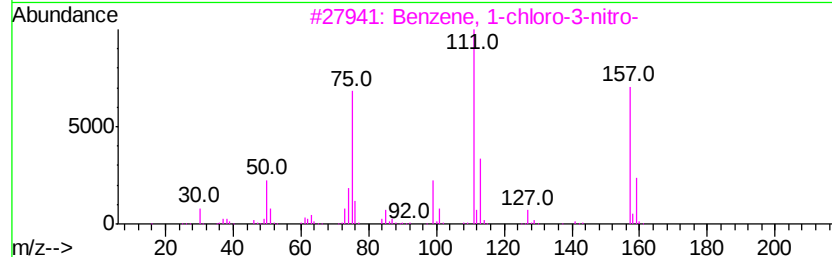
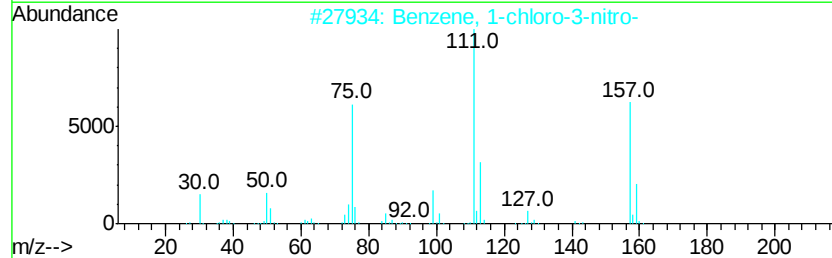
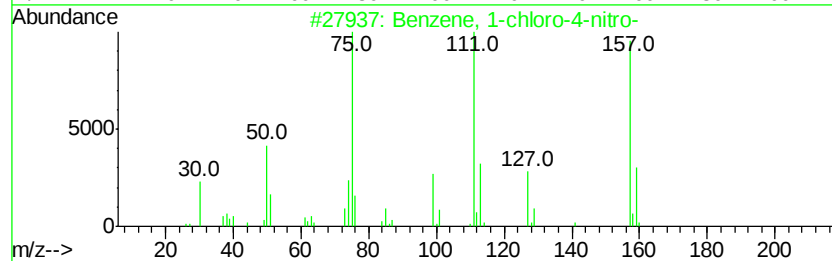
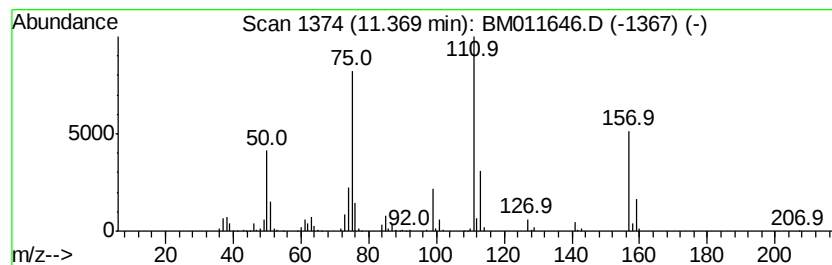
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1-chloro-4-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.37	9.64 ng/ul	1332140	Naphthalene-d8	10.78		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91	
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90	
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	90	
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	89	
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	86	



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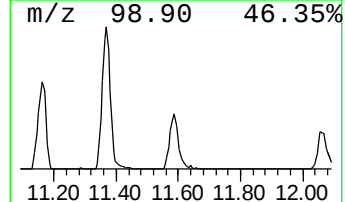
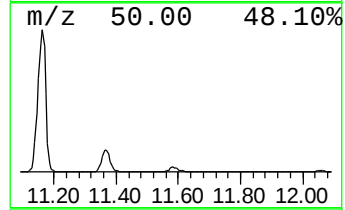
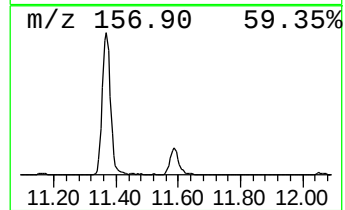
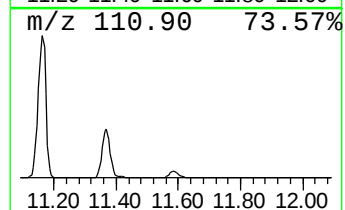
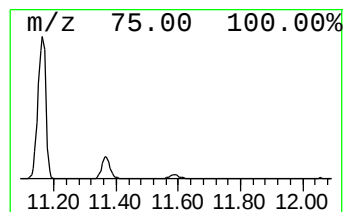
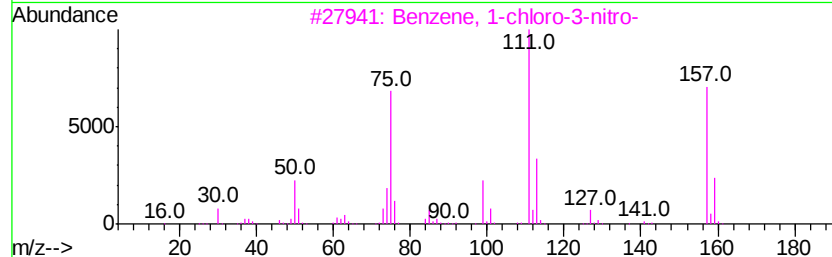
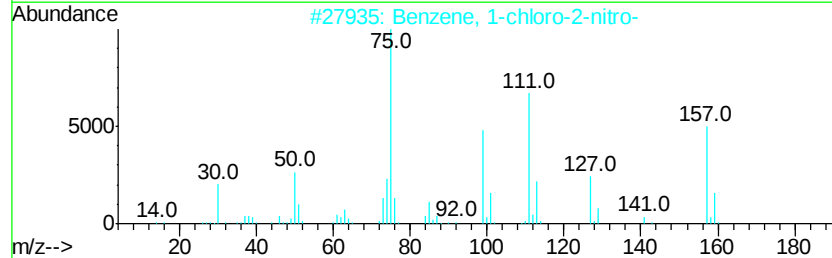
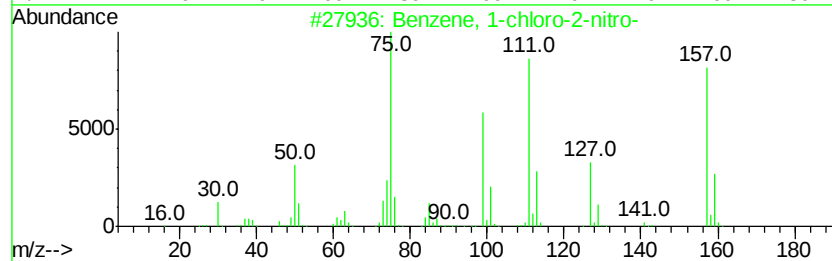
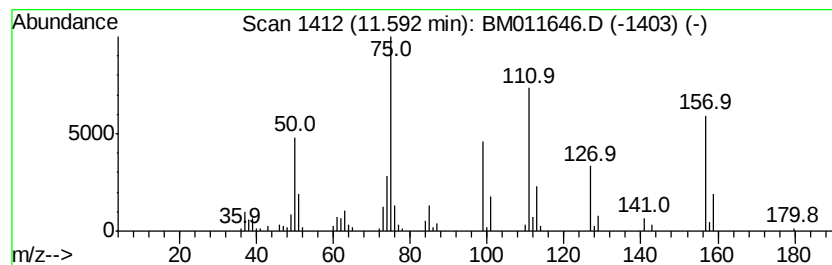
Instrument :
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Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	2.32 ng/ul	320255	Naphthalene-d8	10.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-3-nitro-	157 C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-2-nitro-	157 C6H4ClNO2	000088-73-3	93
5	Benzene, 1-chloro-4-nitro-	157 C6H4ClNO2	000100-00-5	92



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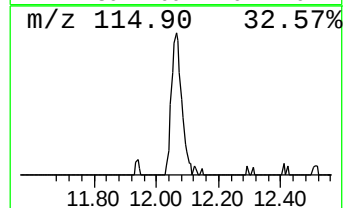
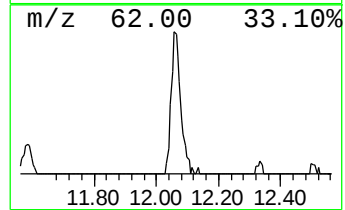
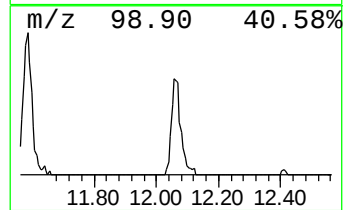
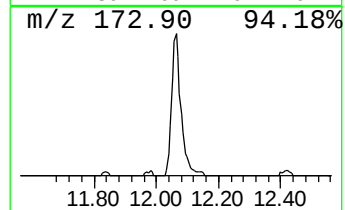
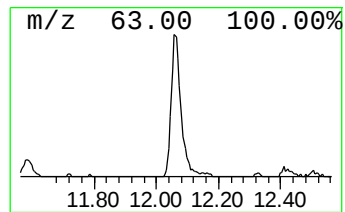
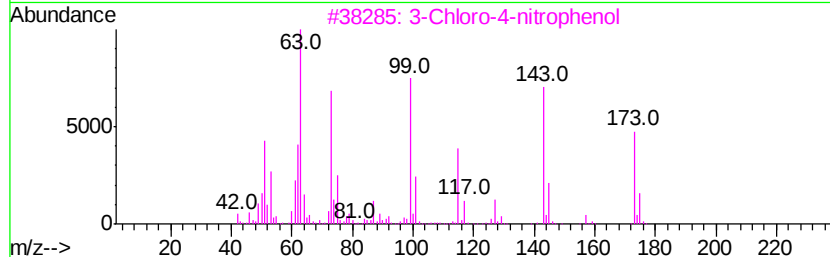
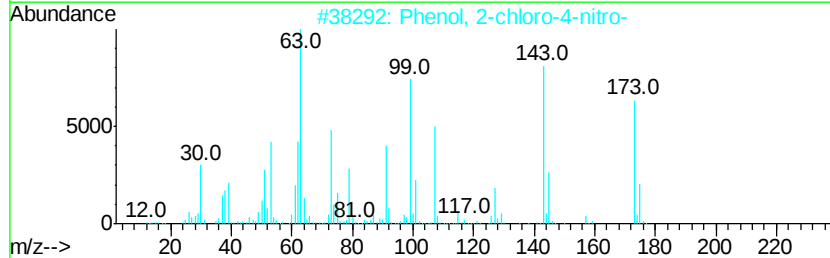
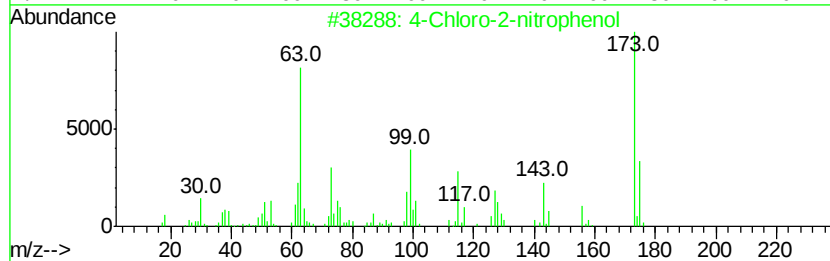
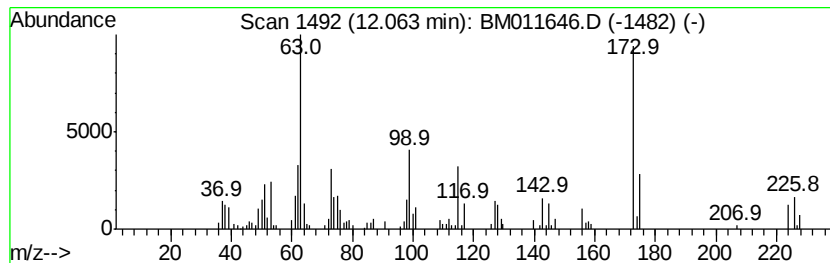
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 10 4-Chloro-2-nitrophenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.79 ng/ul	385209	Naphthalene-d8	10.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		4-Chloro-2-nitrophenol	173 C6H4ClNO3	000089-64-5 95
2		Phenol, 2-chloro-4-nitro-	173 C6H4ClNO3	000619-08-9 80
3		3-Chloro-4-nitrophenol	173 C6H4ClNO3	000491-11-2 59
4		Propane, 1,1,2-trichloro-	146 C3H5Cl3	000598-77-6 47
5		Propane, 1,1,2-trichloro-	146 C3H5Cl3	000598-77-6 47



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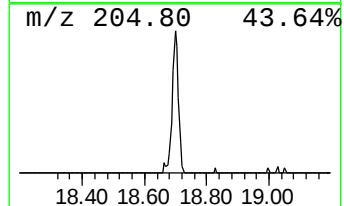
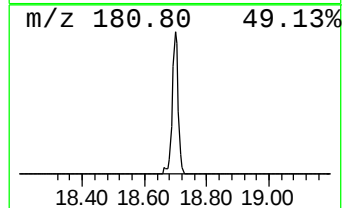
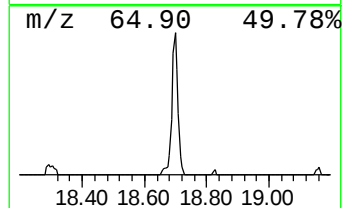
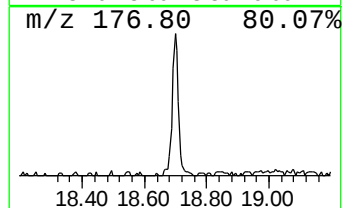
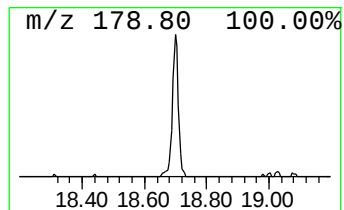
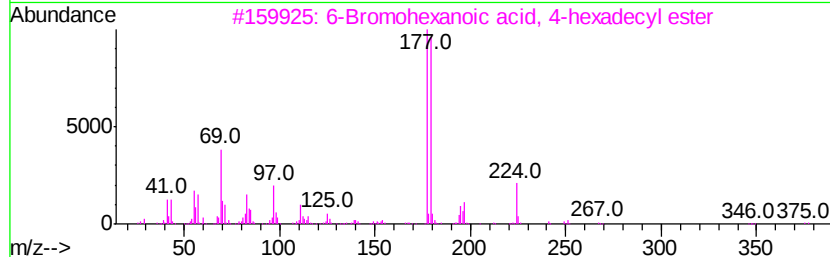
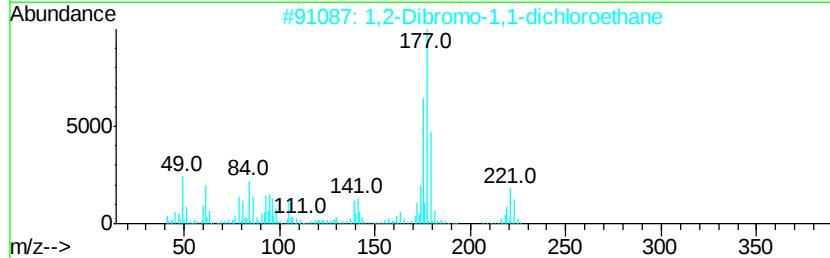
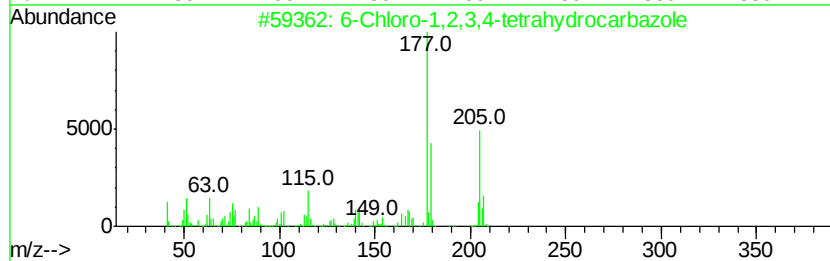
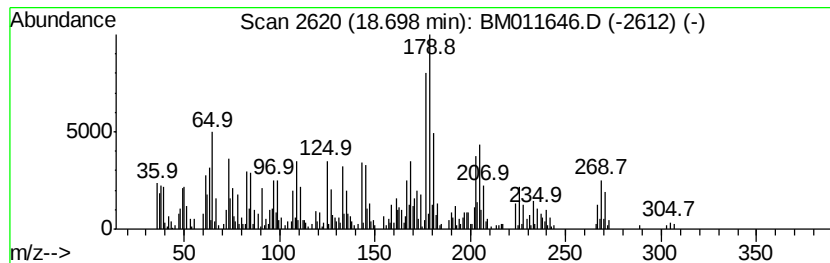
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Peak Number 11 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.61 ng/ul	563037	Phenanthrene-d10	17.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2			1,2-Dibromo-1,1-dichloroethane	254	C2H2Br2Cl2	000075-81-0	12
3			6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	11
4			2-Amino-4,6-dichlorophenol	177	C6H5Cl2NO	000527-62-8	11
5			Xanthopterin	179	C6H5N5O2	000119-44-8	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-chloro...	11.37	9.6	ng/ul	1332140	2	10.78	2764420	20.0
Benzene, 1-chloro...	11.59	2.3	ng/ul	320255	2	10.78	2764420	20.0
4-Chloro-2-nitrop...	12.06	2.8	ng/ul	385209	2	10.78	2764420	20.0
unknown-01	18.70	2.6	ng/ul	563037	4	17.33	4319050	20.0