

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005520.D
 Acq On : 20 May 2016 04:35
 Operator : UM/SJ
 Sample : H2890-08 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WT4

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-BM051816.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	7.005	744	751	757	rBV	28075	52784	1.68%	0.300%
2	7.175	772	780	786	rBV	18176	33469	1.06%	0.190%
3	7.369	808	813	819	rVB	26265	42033	1.33%	0.239%
4	7.840	886	893	901	rBV	266559	448574	14.24%	2.550%
5	8.540	1006	1012	1018	rBV2	37593	64565	2.05%	0.367%
6	8.993	1084	1089	1098	rBV2	26293	43620	1.38%	0.248%
7	9.710	1206	1211	1216	rBV2	21240	34177	1.08%	0.194%
8	10.246	1297	1302	1309	rBV3	40111	70111	2.23%	0.399%
9	10.628	1360	1367	1375	rBV	491060	846058	26.86%	4.809%
10	10.763	1385	1390	1396	rBV2	21994	40908	1.30%	0.233%
11	13.875	1914	1919	1923	rBV	87423	117117	3.72%	0.666%
12	13.922	1923	1927	1938	rVB	68524	111902	3.55%	0.636%
13	14.163	1961	1968	1975	rVB	94240	142915	4.54%	0.812%
14	14.469	2012	2020	2027	rBV2	879552	1344606	42.68%	7.643%
15	14.663	2046	2053	2061	rBV2	42615	72892	2.31%	0.414%
16	15.463	2183	2189	2194	rBV2	180345	282158	8.96%	1.604%
17	15.569	2201	2207	2213	rVB4	24486	35936	1.14%	0.204%
18	16.180	2306	2311	2313	rBV	28956	38617	1.23%	0.219%
19	16.357	2335	2341	2348	rBV5	41839	62131	1.97%	0.353%
20	16.604	2377	2383	2394	rVB	304568	446832	14.18%	2.540%
21	17.004	2448	2451	2458	rVB5	27845	46065	1.46%	0.262%
22	17.210	2480	2486	2491	rBV	1320957	1865559	59.22%	10.604%
23	17.251	2491	2493	2497	rVV	50517	60209	1.91%	0.342%
24	17.304	2497	2502	2508	rVV2	164728	243448	7.73%	1.384%
25	17.986	2613	2618	2622	rBV4	30066	41864	1.33%	0.238%
26	18.098	2632	2637	2642	rBV5	30951	54916	1.74%	0.312%
27	18.180	2646	2651	2655	rVB	72623	94198	2.99%	0.535%
28	18.269	2661	2666	2671	rBV7	22593	41517	1.32%	0.236%
29	18.404	2685	2689	2694	rBV6	53275	82234	2.61%	0.467%
30	18.621	2722	2726	2733	rBV2	50282	72143	2.29%	0.410%
31	18.716	2736	2742	2749	rBV	807375	1106318	35.12%	6.288%
32	18.816	2755	2759	2764	rBV3	29972	50546	1.60%	0.287%
33	19.263	2830	2835	2841	rBV	151746	221111	7.02%	1.257%
34	19.598	2887	2892	2895	rBV	275498	407952	12.95%	2.319%

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35	19.698	2904	2909	2916	rBV	257523	351820	11.17%	2.000%
36	19.839	2931	2933	2942	rBV3	41971	76987	2.44%	0.438%
37	20.004	2957	2961	2965	rBV	83567	116599	3.70%	0.663%
38	21.304	3179	3182	3186	rBV	120041	149093	4.73%	0.847%
39	21.386	3191	3196	3201	rBV	2366143	3054239	96.95%	17.360%
40	22.721	3417	3423	3434	rVB	1024354	1975208	62.70%	11.227%
41	23.680	3579	3586	3595	rVB2	1549021	3150267	100.00%	17.906%

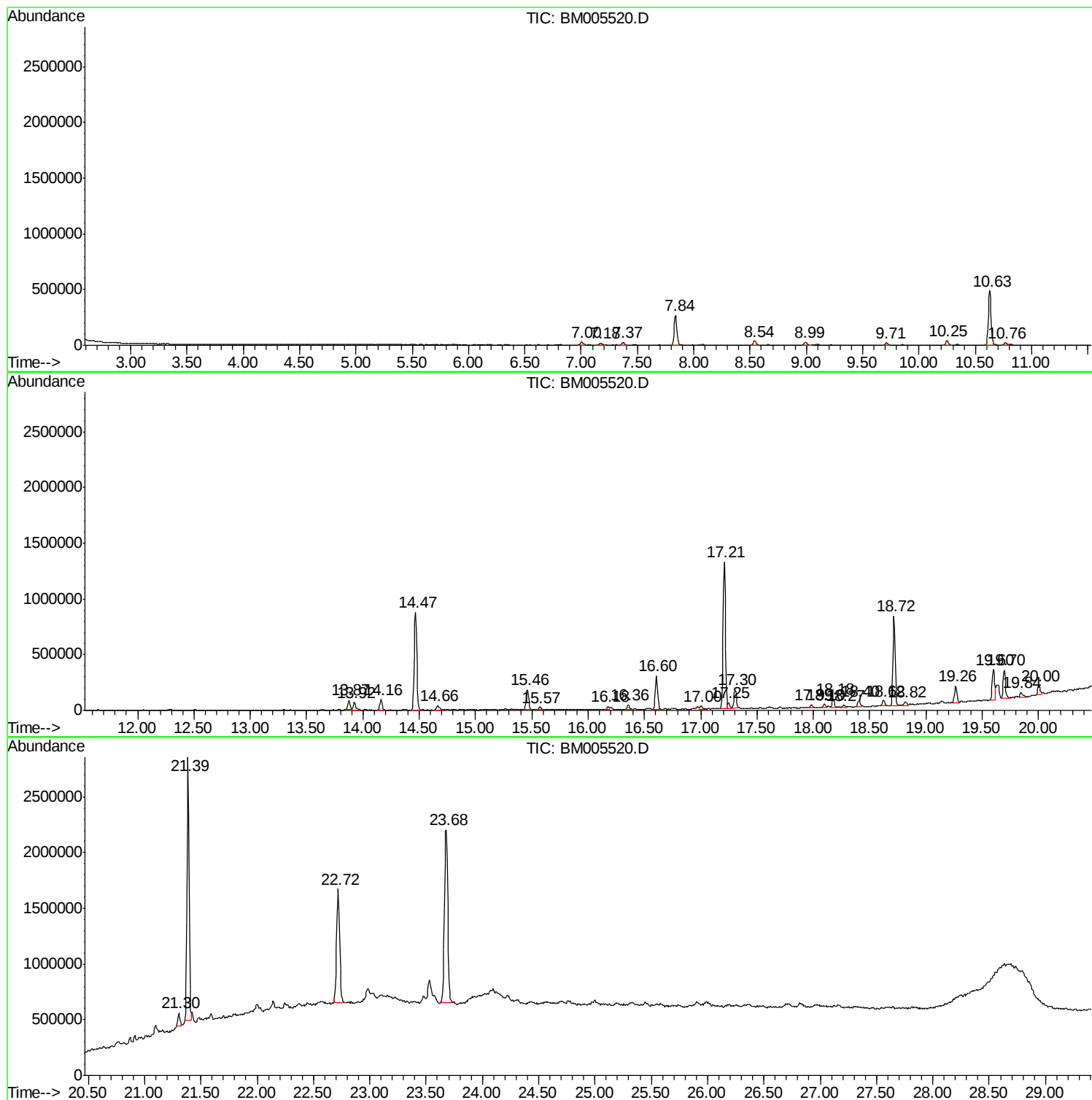
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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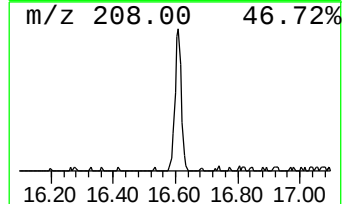
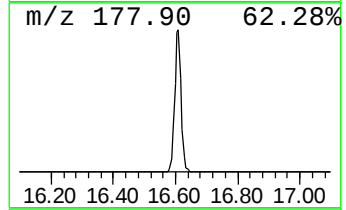
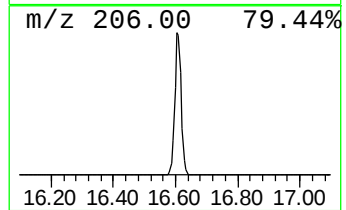
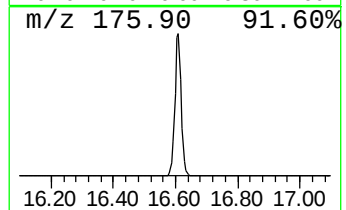
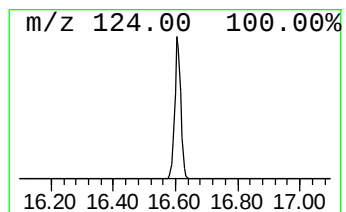
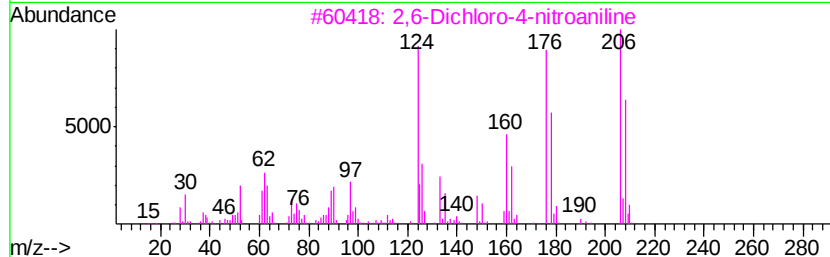
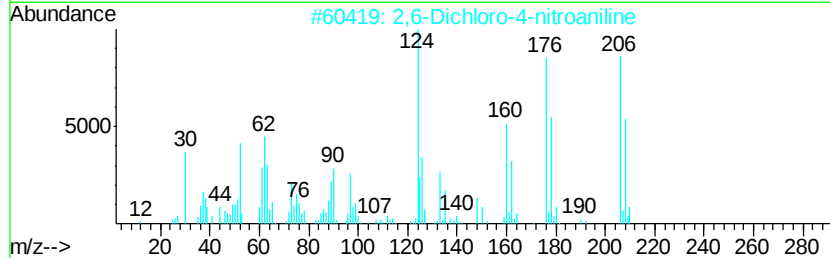
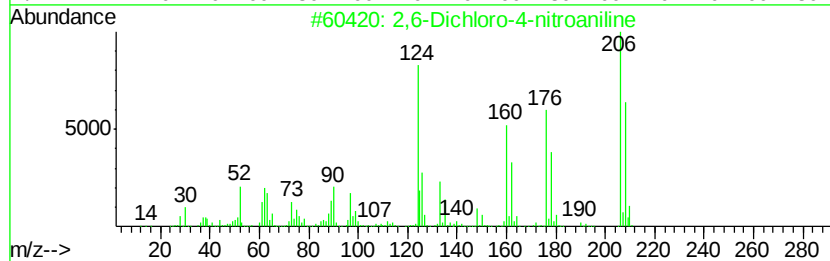
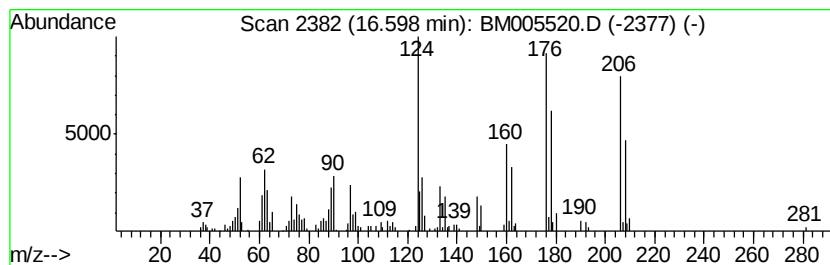
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,6-Dichloro-4-nitroaniline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.60	4.79 ng/ul	446832	Phenanthrene-d10		17.21		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dichloro-4-nitroaniline	206	C6H4Cl2N2O2	000099-30-9	99
2			2,6-Dichloro-4-nitroaniline	206	C6H4Cl2N2O2	000099-30-9	99
3			2,6-Dichloro-4-nitroaniline	206	C6H4Cl2N2O2	000099-30-9	95
4			2,4-Dichloro-6-nitroaniline	206	C6H4Cl2N2O2	002683-43-4	58
5			Hydrazine, (3,4-dichlorophenyl)-	176	C6H6Cl2N2	013124-18-0	56



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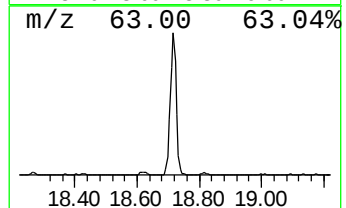
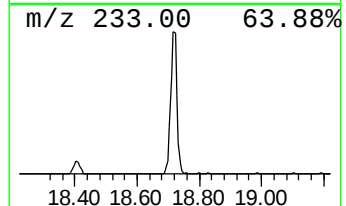
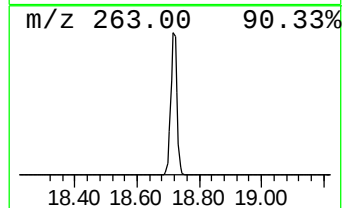
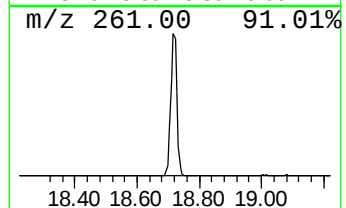
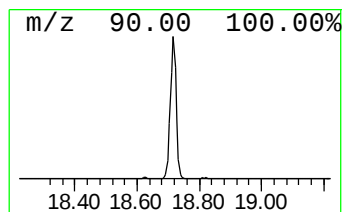
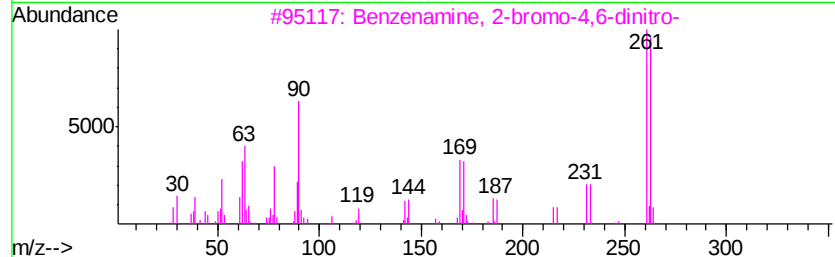
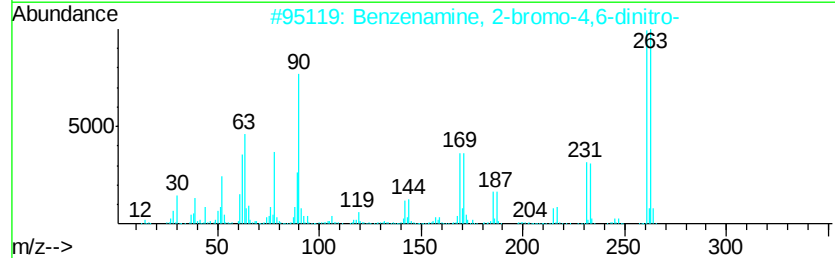
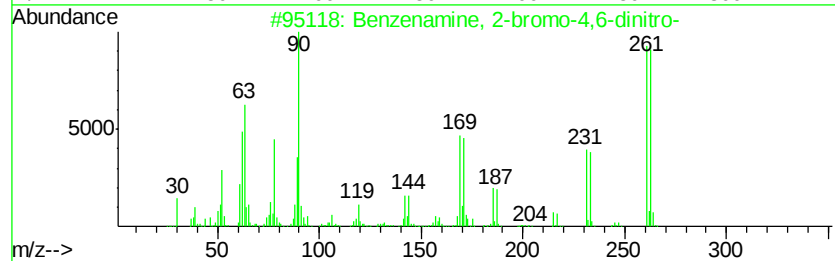
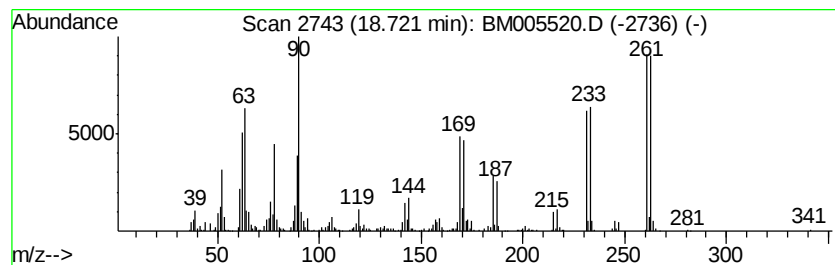
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Peak Number 2 Benzenamine, 2-bromo-4,6-di... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	11.86 ng/ul	1106320	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 2-bromo-4,6-dinitro-	261	C6H4BrN3O4	001817-73-8	99
2		Benzenamine, 2-bromo-4,6-dinitro-	261	C6H4BrN3O4	001817-73-8	99
3		Benzenamine, 2-bromo-4,6-dinitro-	261	C6H4BrN3O4	001817-73-8	99
4		1,3,5-Norcaratriene	90	C7H6	004646-69-9	45
5		Benzene, 1-bromo-2-methyl-4-nitro-	215	C7H6BrNO2	007149-70-4	38



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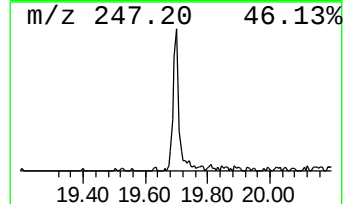
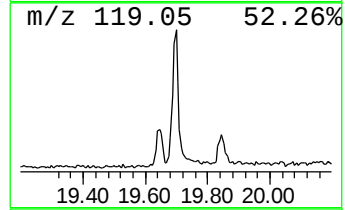
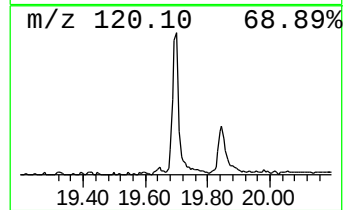
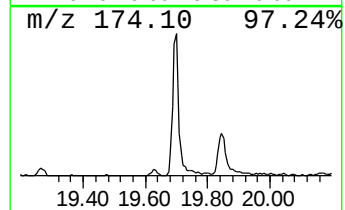
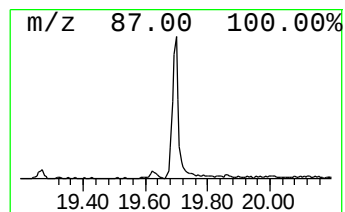
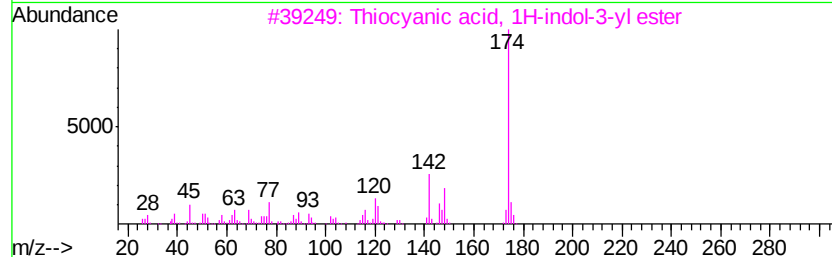
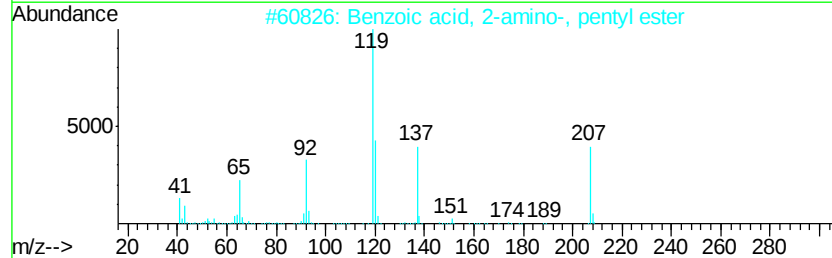
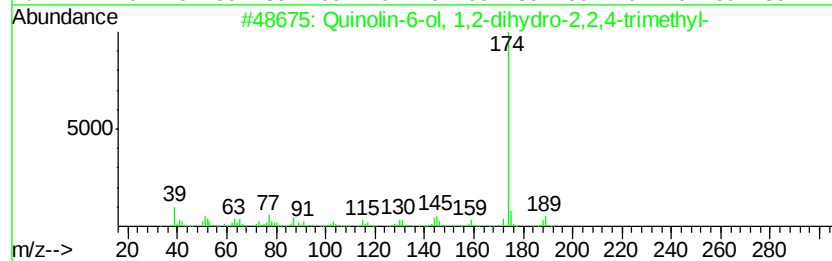
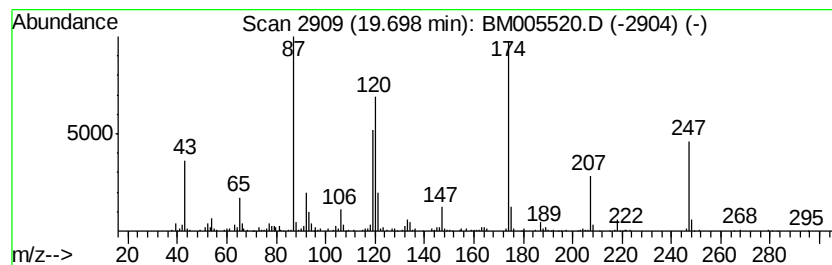
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.30 ng/ul	351820	Chrysene-d12	21.39
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Quinolin-6-ol, 1,2-dihydro-2,2,4...	189 C12H15NO	072107-05-2	32
2	Benzoic acid, 2-amino-, pentyl e...	207 C12H17NO2	030100-15-3	18
3	Thiocyanic acid, 1H-indol-3-yl e...	174 C9H6N2S	023706-25-4	12
4	Phthalan	120 C8H8O	000496-14-0	10
5	2-(3-Fluorophenyl)pyrimidine	174 C10H7FN2	068049-16-1	10



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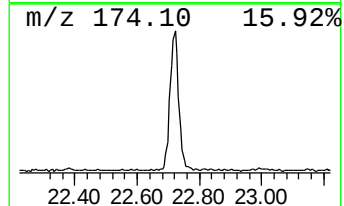
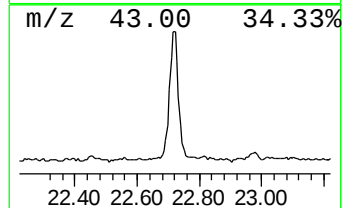
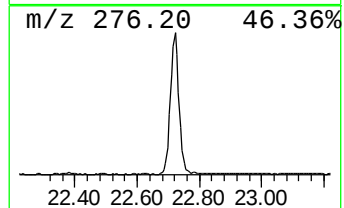
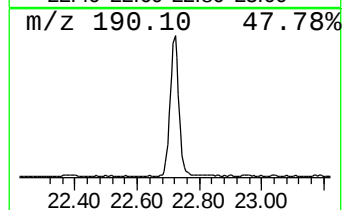
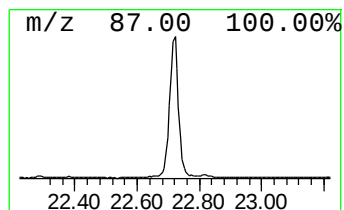
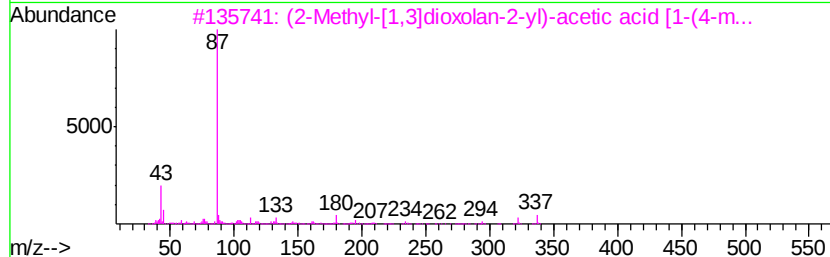
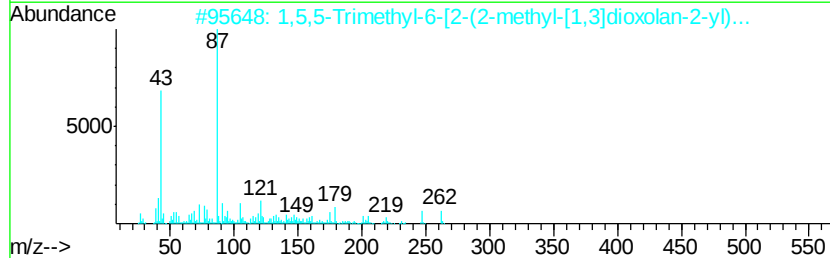
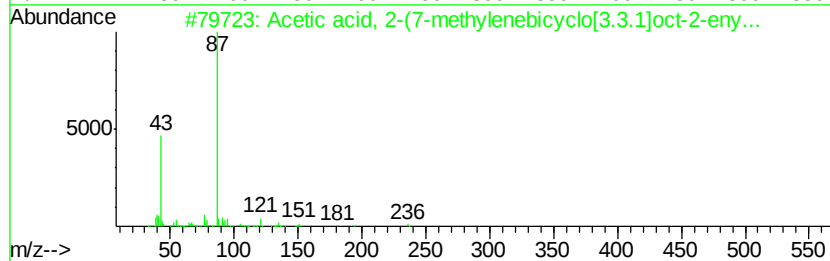
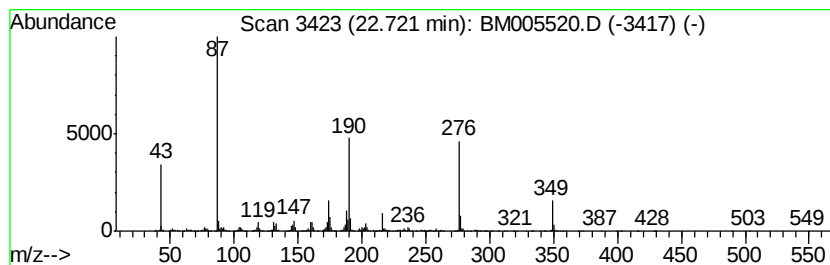
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Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.72	12.54 ng/ul	1975210	Perylene-d12	23.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 2-(7-methylenebicyc...	236	C14H20O3	1000274-05-5	22
2		1,5,5-Trimethyl-6-[2-(2-methyl-[...	262	C16H22O3	1000192-69-5	22
3		(2-Methyl-[1,3]dioxolan-2-yl)-ac...	337	C15H19N3O6	339337-14-3	12
4		(2-Methyl[1,3]dioxolan-2-yl)thio...	304	C13H20O6S	1000188-92-3	10
5		Cyclopentane, 1-(S)-(2-methyl-1,...	302	C15H26O6	1000155-90-5	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,6-Dichloro-4-ni...	16.60	4.8	ng/ul	446832	4	17.21	1865560	20.0
Benzenamine, 2-br...	18.72	11.9	ng/ul	1106320	4	17.21	1865560	20.0
unknown-01	19.70	2.3	ng/ul	351820	5	21.39	3054240	20.0
unknown-02	22.72	12.5	ng/ul	1975210	6	23.68	3150270	20.0