

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016270.D
 Acq On : 09 Aug 2018 05:15
 Operator : SJ/JU
 Sample : J4328-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-04

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % 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\8270-BM072318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	348	359	363	rBV	35818178	56514103	100.00%	77.672%
2	5.664	394	404	420	rBV	391265	706744	1.25%	0.971%
3	7.663	737	744	755	rBV	836533	1467488	2.60%	2.017%
4	7.758	755	760	768	rVB	393704	609861	1.08%	0.838%
5	8.452	869	878	883	rBV	802432	1396057	2.47%	1.919%
6	9.316	1018	1025	1032	rBV	646338	1103428	1.95%	1.517%
7	13.387	1711	1717	1723	rVB	1478279	2053818	3.63%	2.823%
8	14.963	1977	1985	1990	rBV	908989	1647158	2.91%	2.264%
9	15.381	2051	2056	2060	rBV	497218	732234	1.30%	1.006%
10	16.257	2200	2205	2210	rBV2	1291715	1769831	3.13%	2.432%
11	18.575	2594	2599	2610	rBV2	500359	799021	1.41%	1.098%
12	18.692	2612	2619	2623	rBV4	504995	968578	1.71%	1.331%
13	20.086	2851	2856	2860	rVB	1964743	2388521	4.23%	3.283%
14	23.974	3511	3517	3525	rVB	299943	602935	1.07%	0.829%

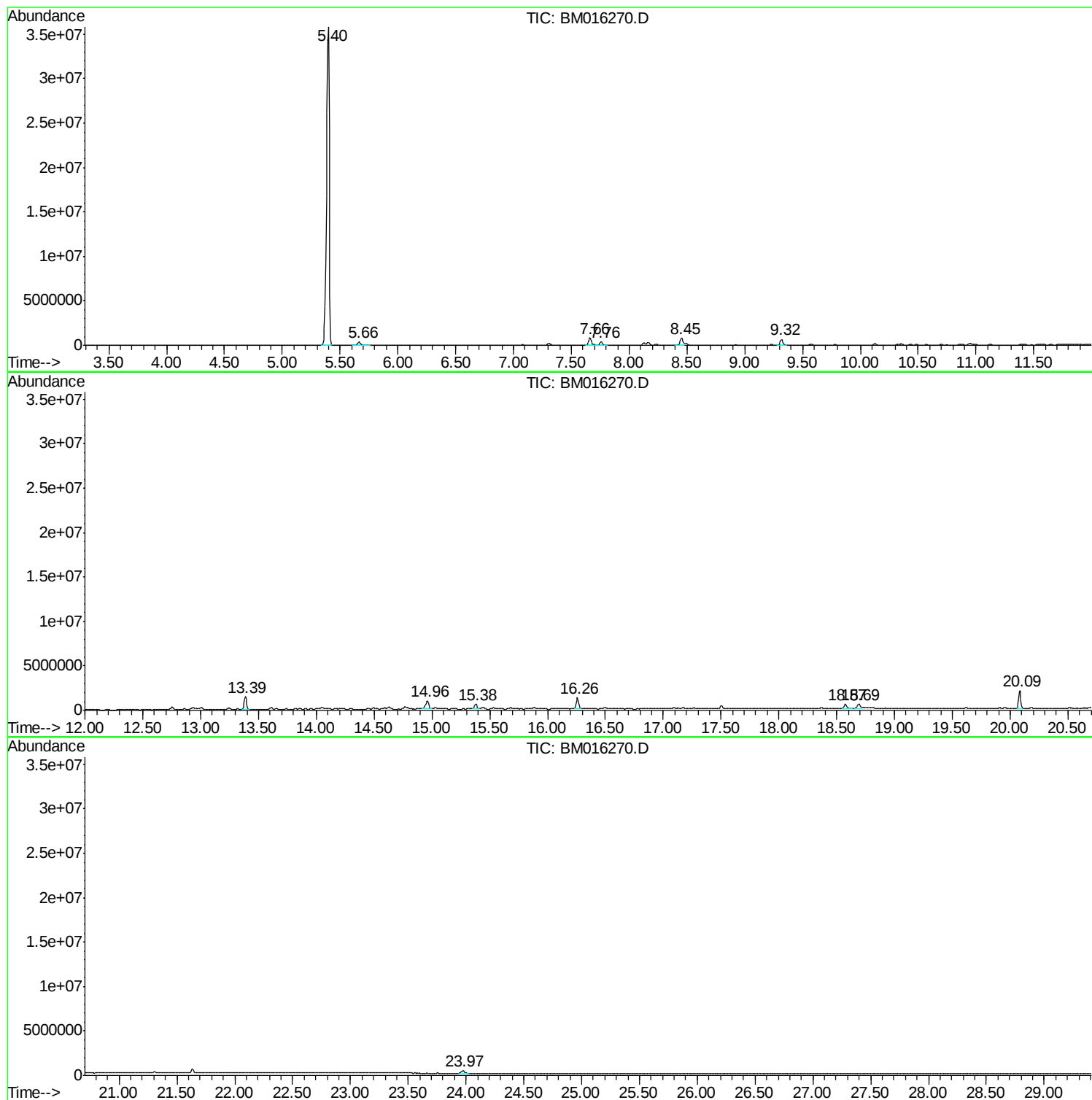
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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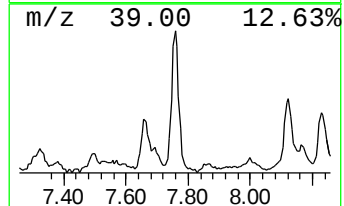
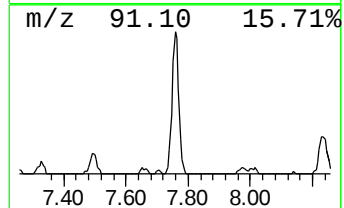
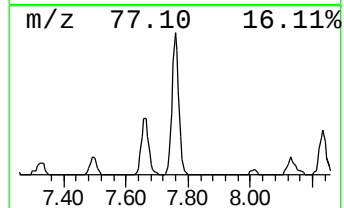
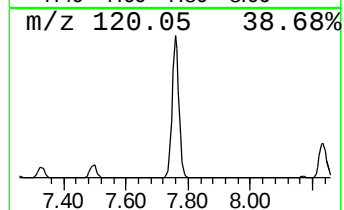
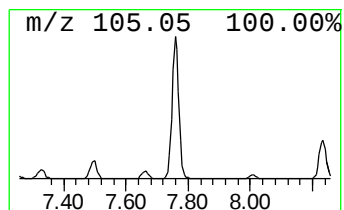
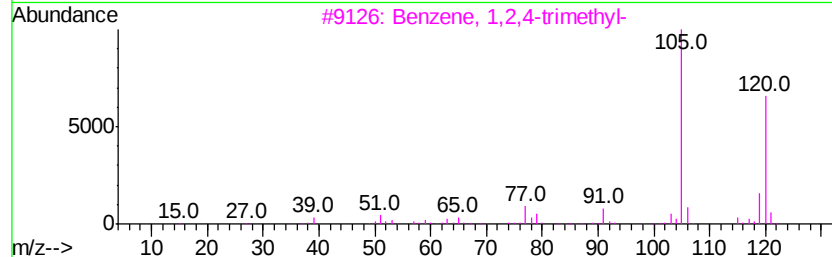
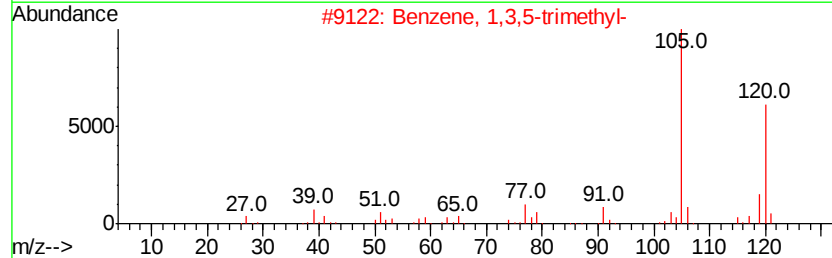
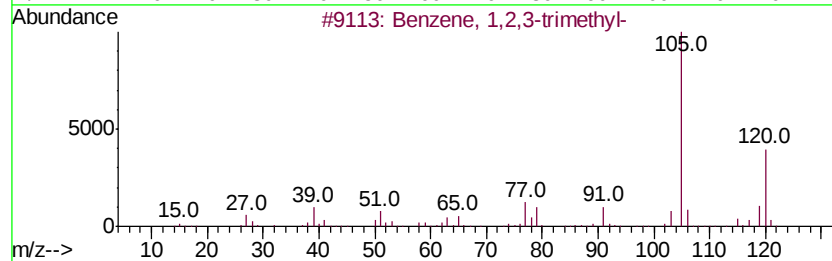
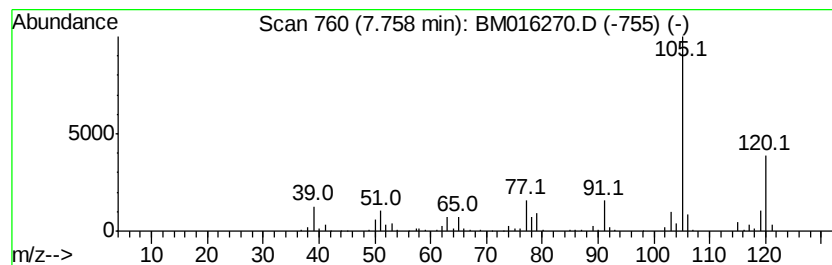
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	8.74 ng	609861	1,4-Dichlorobenzene-d4	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91



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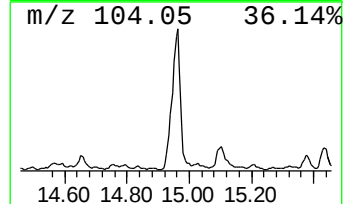
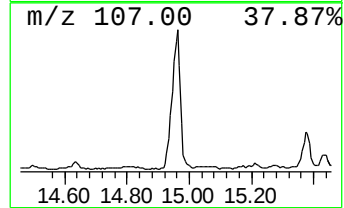
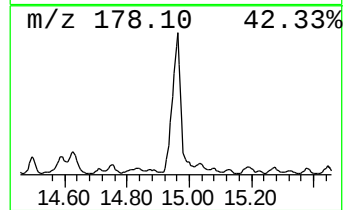
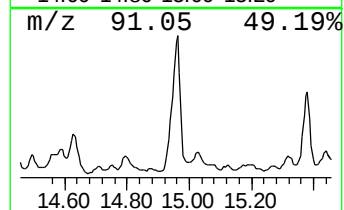
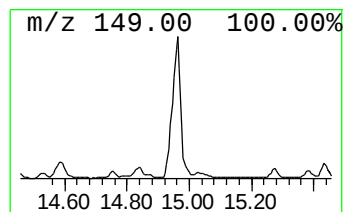
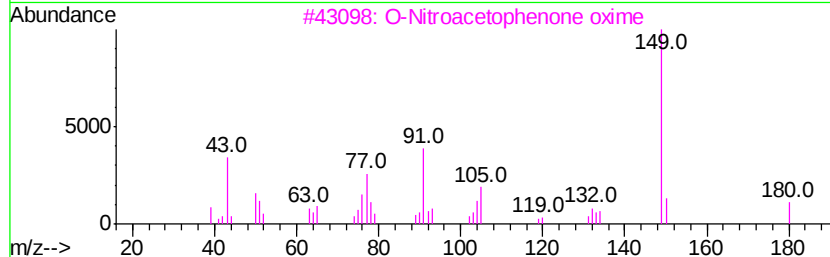
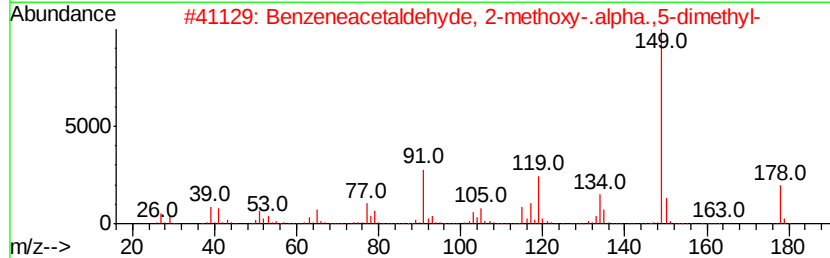
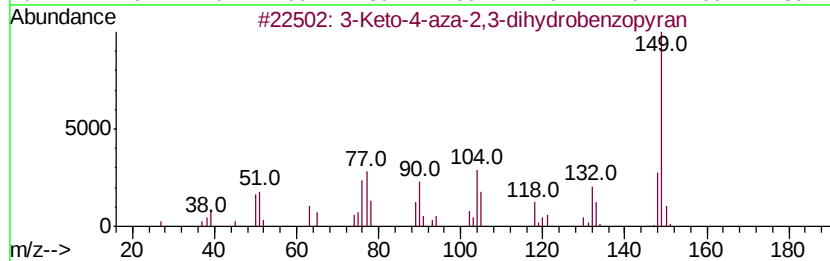
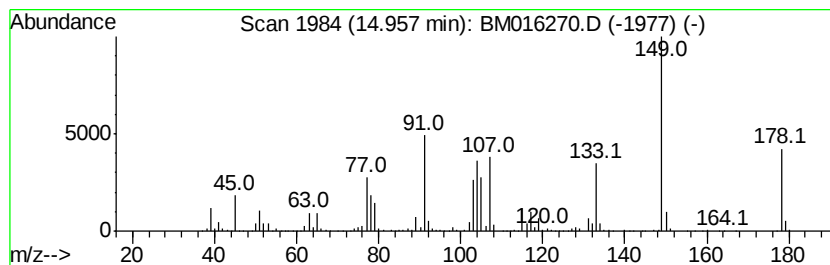
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 unknown14.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	20.00 ng	1647160	Acenaphthene-d10	14.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Keto-4-aza-2,3-dihydrobenzopyran	149	C8H7NO2	1000289-12-0	43		
2	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	40		
3	O-Nitroacetophenone oxime	180	C8H8N2O3	010342-62-8	32		
4	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	27		
5	2,4-Dimethyl-3-phenylhex-5-en-3-ol	204	C14H20O	342625-00-7	25		



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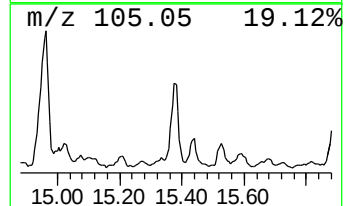
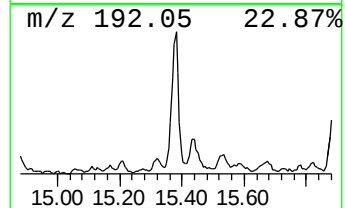
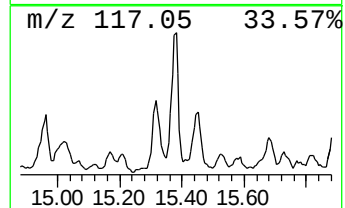
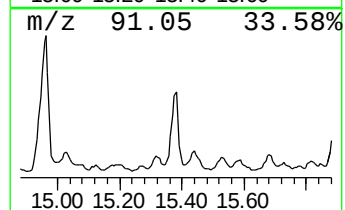
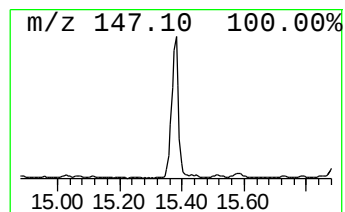
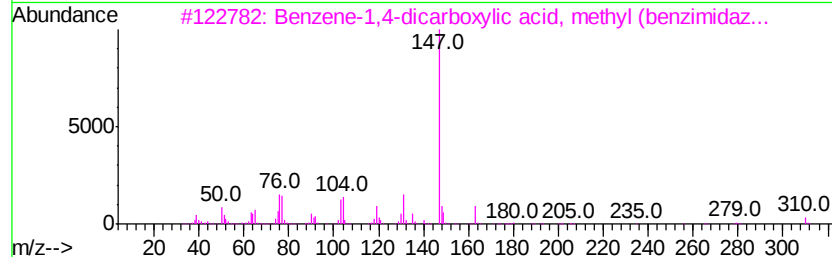
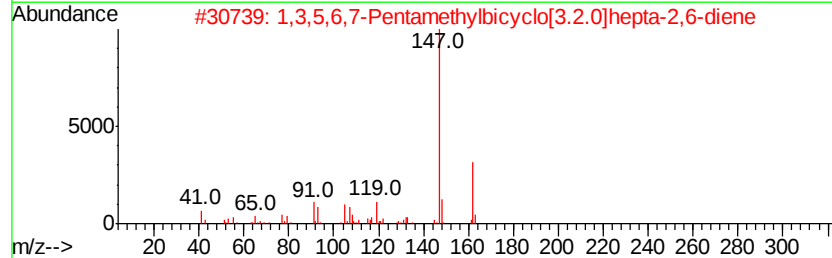
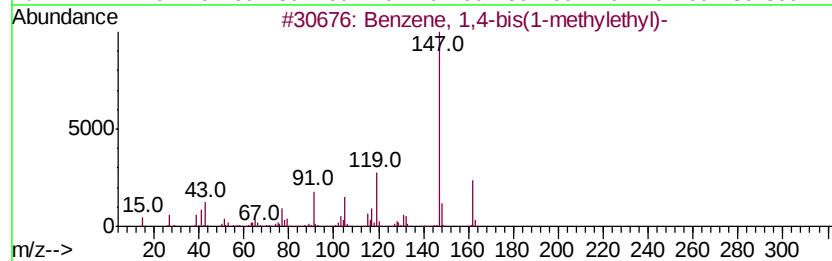
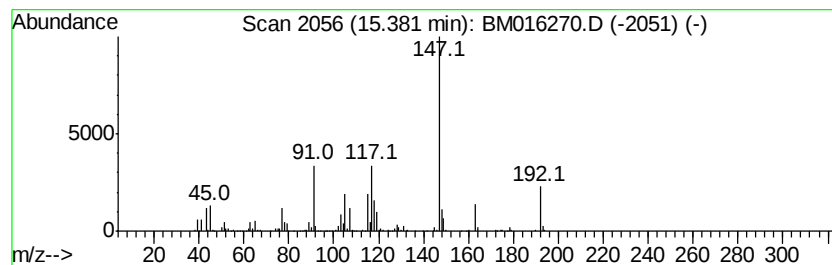
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Peak Number 4 unknown15.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	8.89 ng	732234	Acenaphthene-d10	14.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	47
2		1,3,5,6,7-Pentamethylbicyclo[3.2.0]hepta-2,6-diene	162	C12H18	003099-00-1	47
3		Benzene-1,4-dicarboxylic acid, methyl (benzimidazole-2-ylmethyl) ester	310	C17H14N2O4	313232-33-6	43
4		N-Methylrhodanine	147	C4H5NOS2	004807-55-0	43
5		Benzoic acid, 2,4,6-trimethyl-, ...	282	C19H22O2	001504-38-7	38



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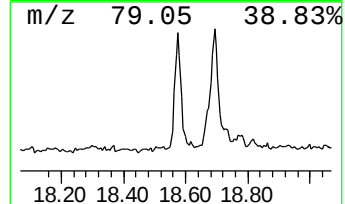
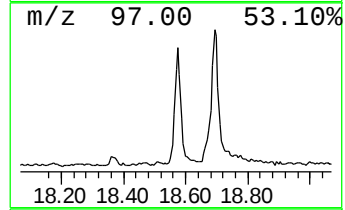
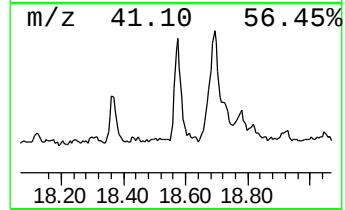
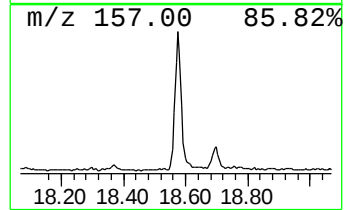
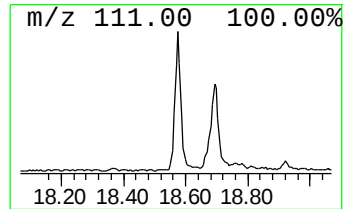
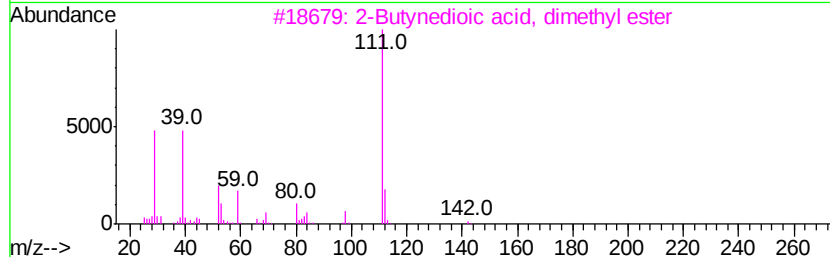
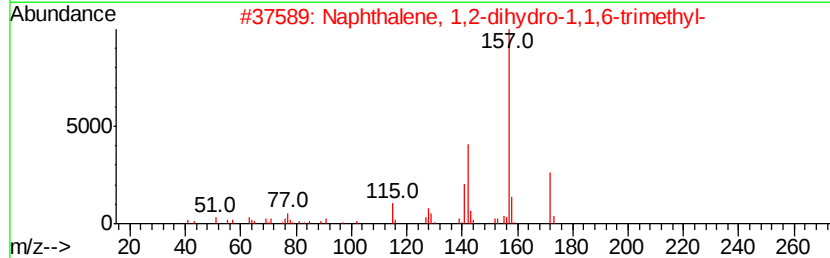
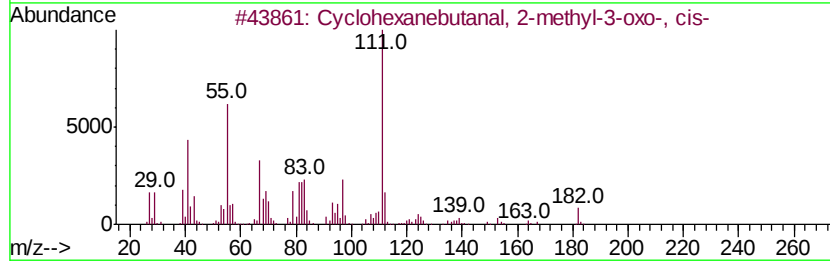
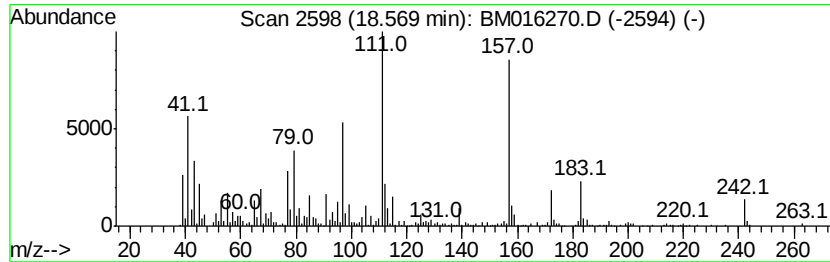
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Peak Number 5 unknown18.57 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	20.00 ng	799021	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanebutanal, 2-methyl-3-oxo-	182	C11H18O2	092485-93-3	27
2		Naphthalene, 1,2-dihydro-1,1,6-trimethyl-	172	C13H16	030364-38-6	25
3		2-Butyenedioic acid, dimethyl ester	142	C6H6O4	000762-42-5	22
4		Pyrimidine, 2-methylthio-4-hydroxy-	157	C5H7N3OS	001074-41-5	22
5		Quinoline, 2,4-dimethyl-	157	C11H11N	001198-37-4	18



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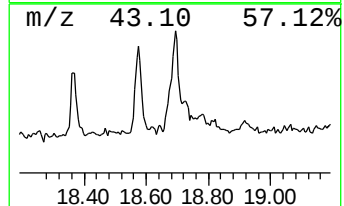
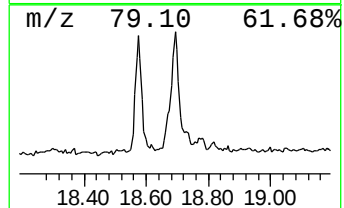
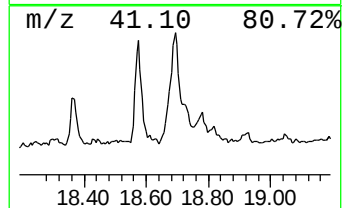
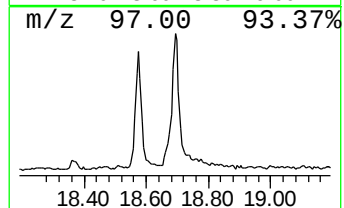
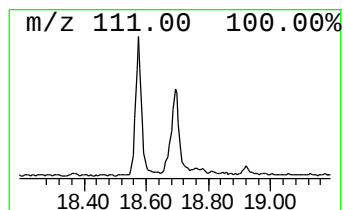
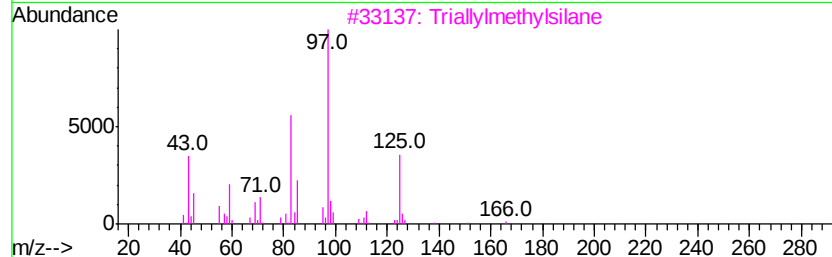
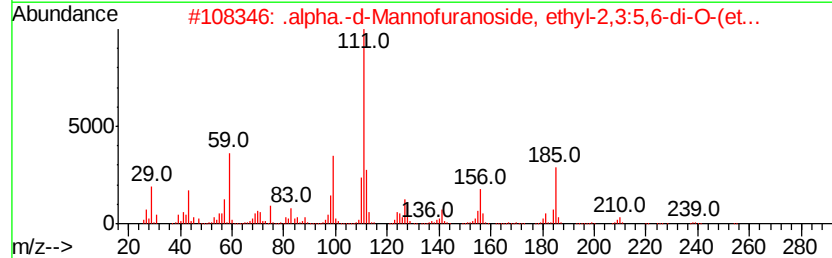
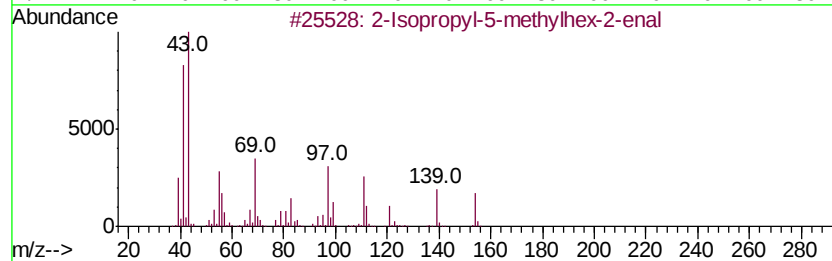
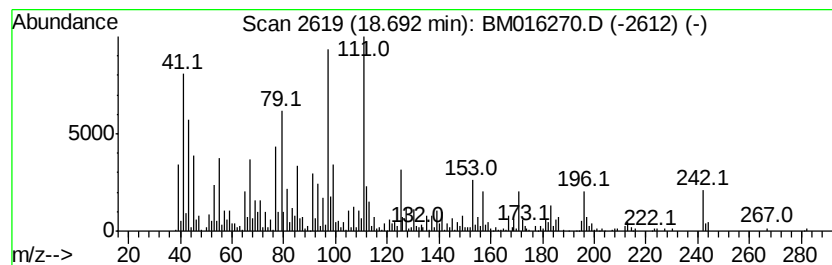
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 Peak Number 6 unknown18.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	24.24 ng	968578	Phenanthrene-d10	17.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Isopropyl-5-methylhex-2-enal	154	C10H18O	035158-25-9	38
2		.alpha.-d-Mannofuranoside, ethyl...	284	C12H22B206	1000149-92-0	27
3		Triallylmethylsilane	166	C10H18Si	001112-91-0	25
4		d-Ribono-1,4-lactone, 2,3-O-(eth...	282	C9H10BF306	1000150-02-0	25
5		4-Methyl-2,3-hexadien-1-ol	112	C7H12O	1000196-09-6	20



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2,3-tr...	7.76	8.7	ng	609861	1	8.13	1396060	20.0
unknown14.96	14.96	20.0	ng	1647160	3	14.77	1647160	20.0
unknown15.38	15.38	8.9	ng	732234	3	14.77	1647160	20.0
unknown18.57	18.57	20.0	ng	799021	4	17.50	799021	20.0
unknown18.69	18.69	24.2	ng	968578	4	17.50	799021	20.0