

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060802.D
Acq On : 5 Apr 2024 19:06
Operator : MA/JU
Sample : P1995-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-23-00119

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_G\Methods\8270-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	13.213	1736	1740	1746	rVV	1485671	2531191	1.53%	0.719%
2	13.965	1864	1868	1872	rBV	2837336	4811651	2.90%	1.367%
3	14.012	1873	1876	1884	rVB2	3049963	6372604	3.85%	1.810%
4	14.447	1947	1950	1957	rVB	3135624	5076725	3.06%	1.442%
5	14.729	1968	1998	2002	rBV2	19825692	165644147	100.00%	47.050%
6	14.811	2009	2012	2018	rVB3	4489854	6283102	3.79%	1.785%
7	15.076	2038	2057	2059	rBV2	18818045	97402092	58.80%	27.666%
8	15.211	2067	2080	2081	rBV4	16429888	56532130	34.13%	16.058%
9	23.448	3478	3482	3500	rVB2	1180749	3022758	1.82%	0.859%
10	23.877	3548	3555	3562	rVB2	1990558	4382970	2.65%	1.245%

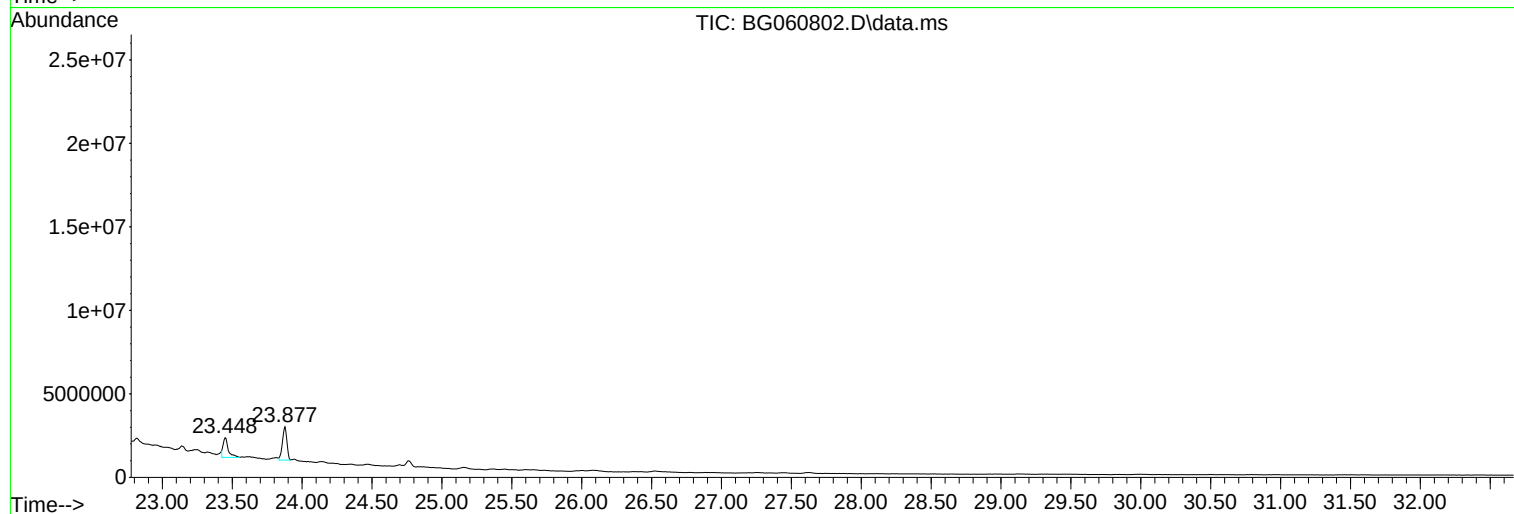
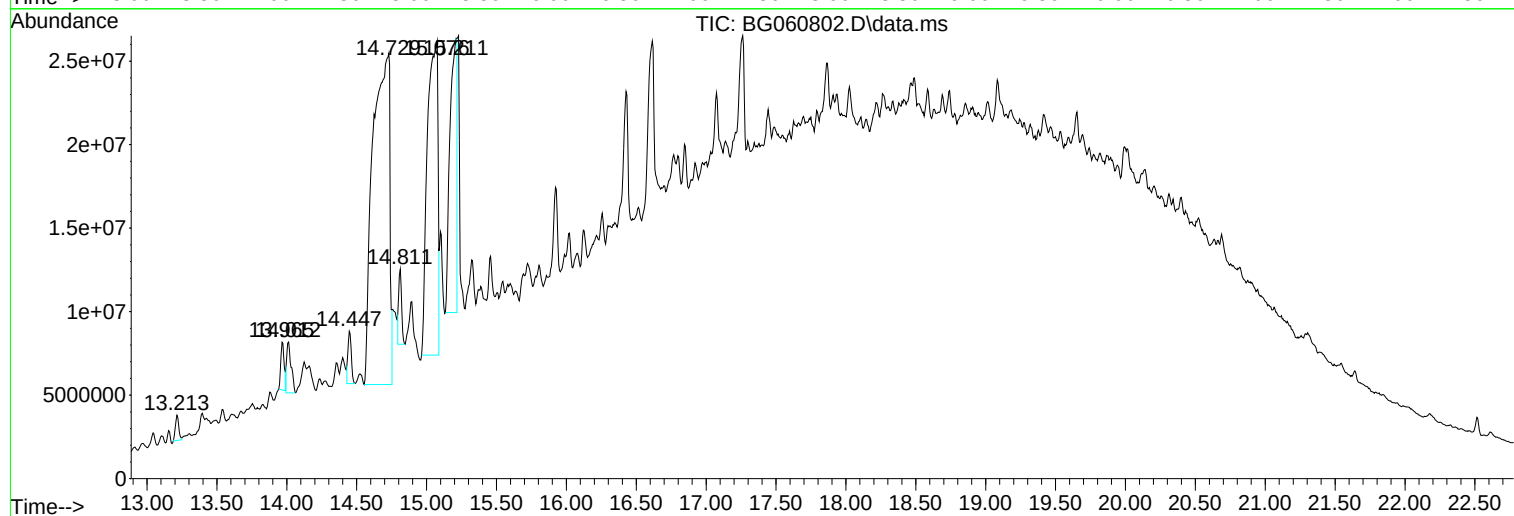
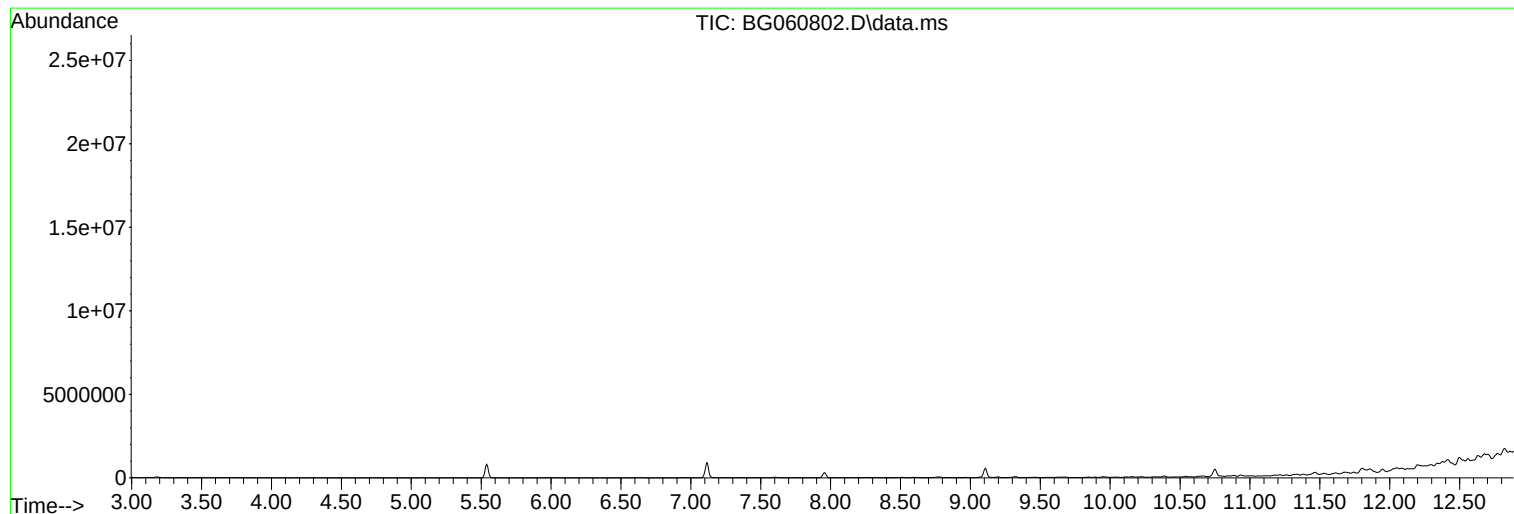
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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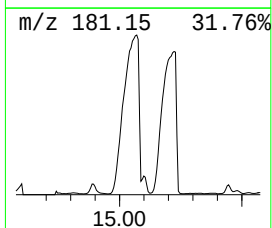
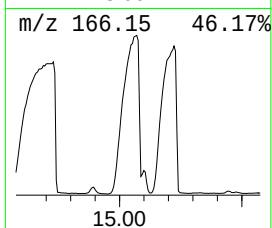
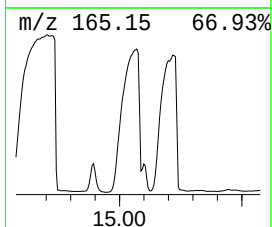
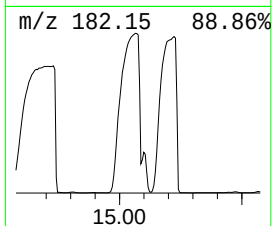
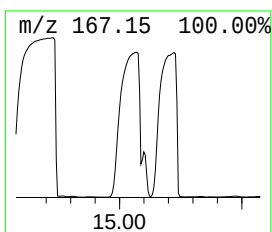
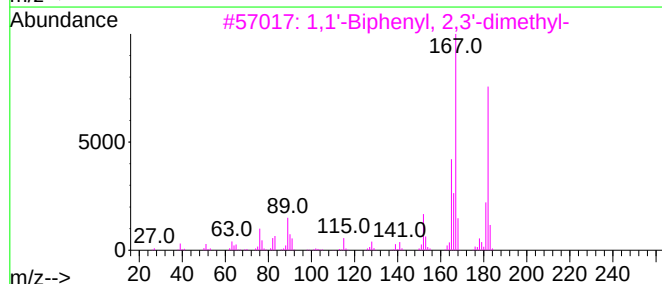
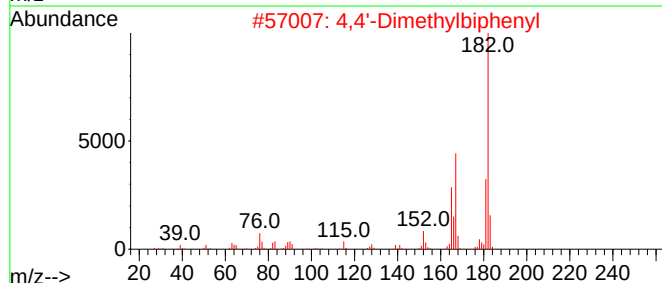
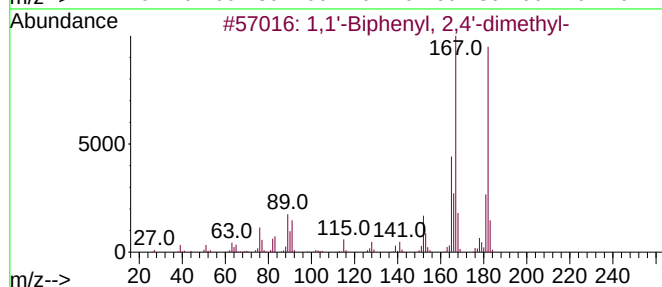
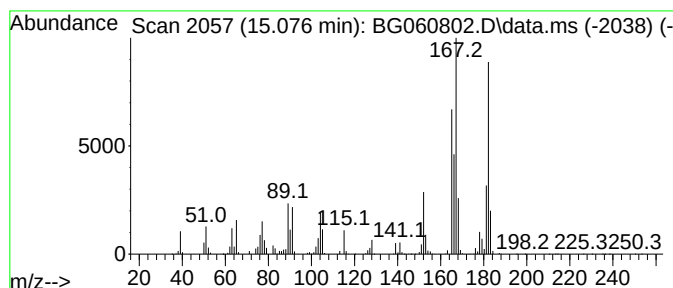
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1,1'-Biphenyl, 2,4'-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.076	11.76 ng	97402100	Acenaphthene-d10	14.723

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	90	
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90	
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	86	
4	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	83	
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	80	



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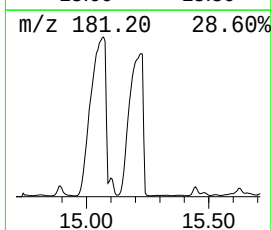
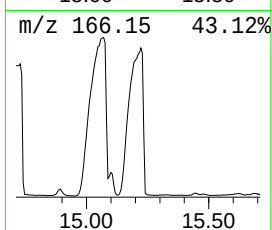
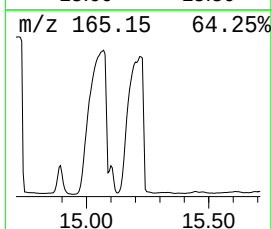
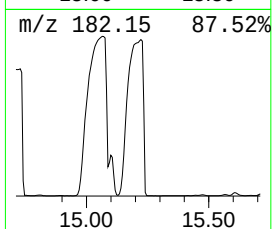
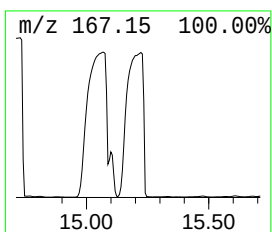
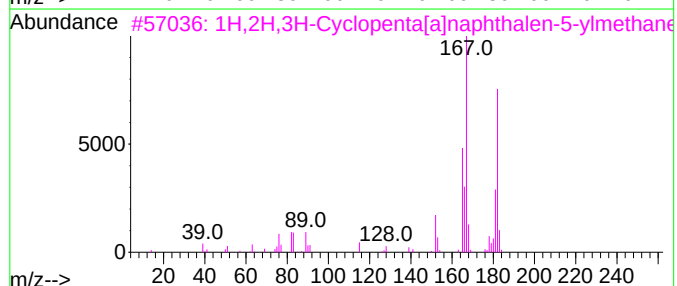
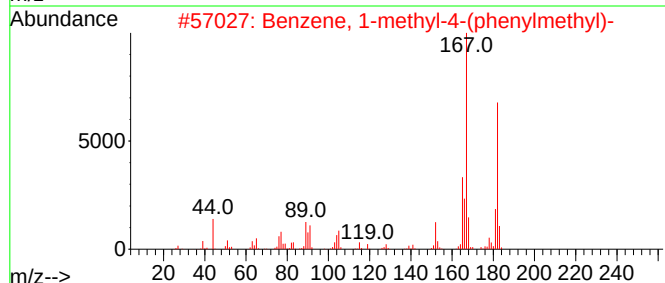
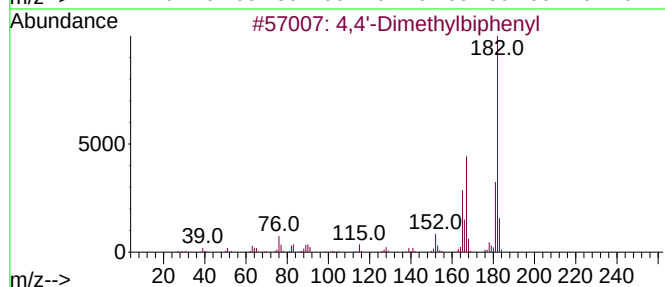
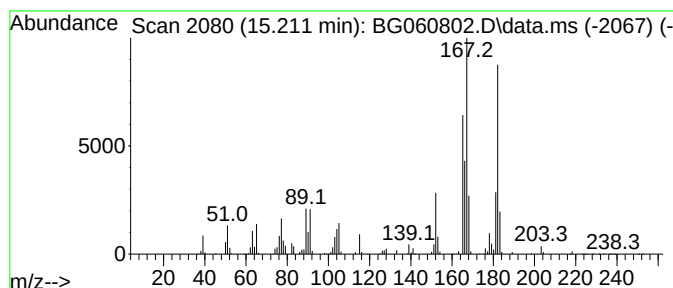
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TIC Integration Parameters: LSCINT.P

Peak Number 2 4,4'-Dimethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.211	6.83 ng	56532100	Acenaphthene-d10	14.723

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	93
2		Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	93
3		1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	87
4		1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	87
5		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	87



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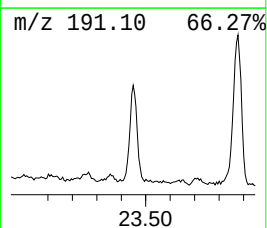
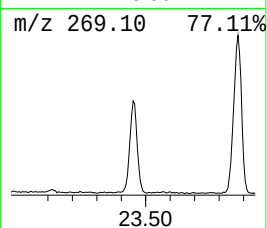
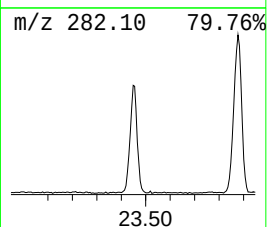
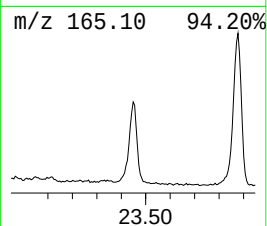
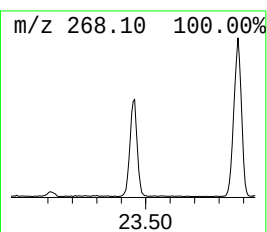
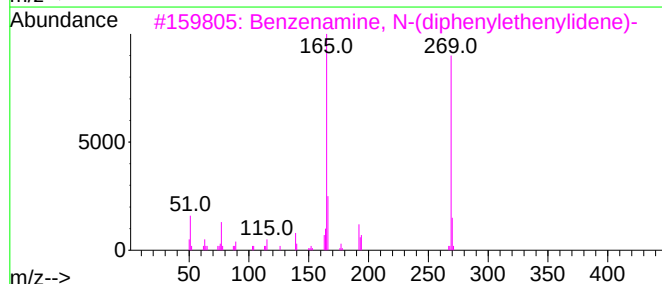
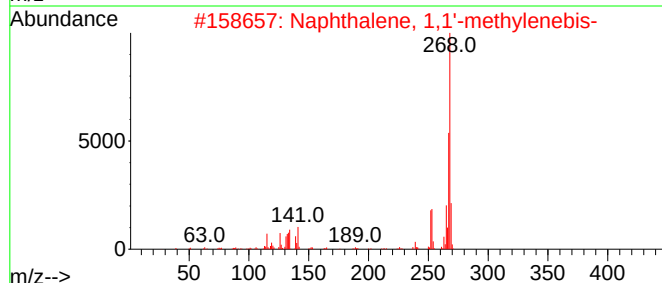
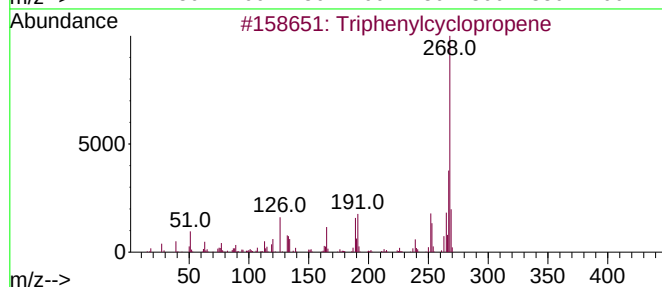
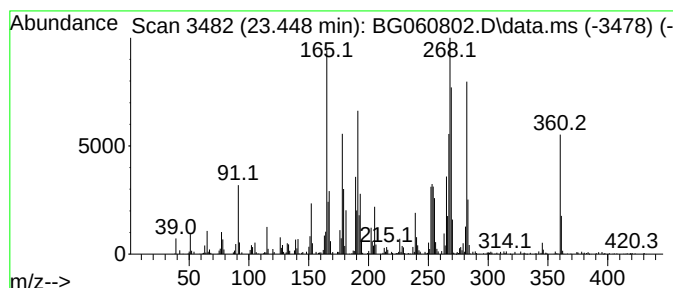
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Peak Number 3 Triphenylcyclopropene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.448	13.79 ng	3022760	Perylene-d12	24.765

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylcyclopropene	268	C21H16	016510-49-9	42
2			Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	35
3			Benzenamine, N-(diphenylethenyli...	269	C20H15N	014181-84-1	35
4			Naphthalene, 1-(2-naphthalenylme...	268	C21H16	000611-48-3	20
5			1H-1,2,3-Triazole, 1,4,5-triphenyl-	297	C20H15N3	033471-63-5	18



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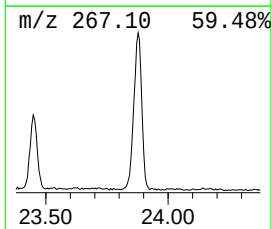
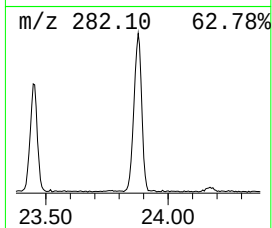
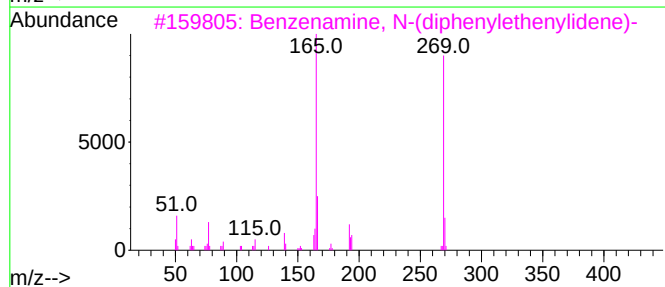
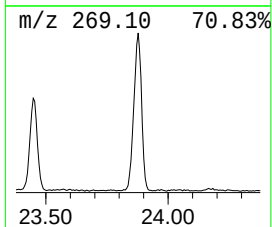
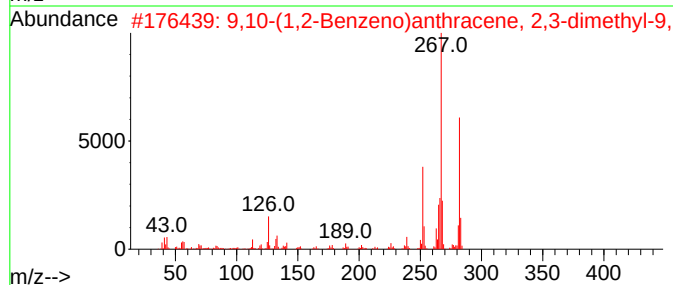
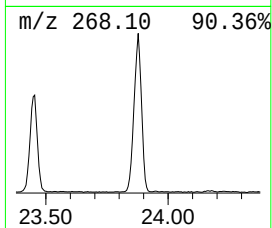
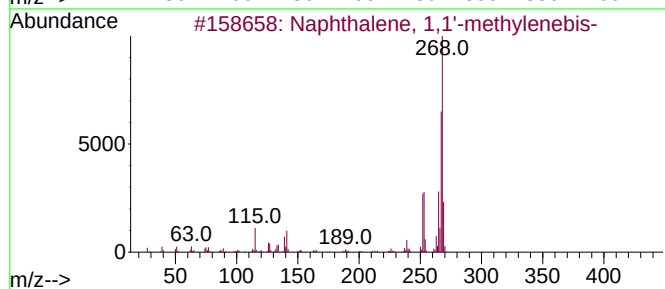
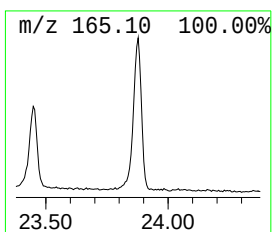
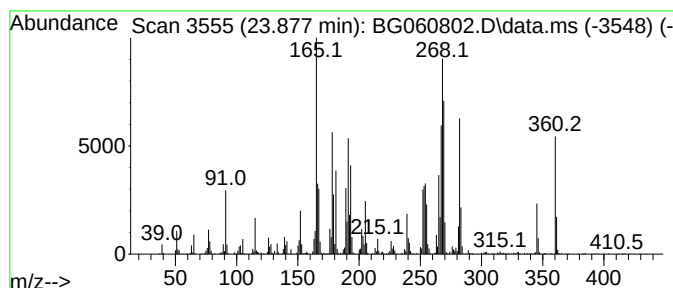
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Peak Number 4 unknown23.877 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.877	20.00 ng	4382970	Perylene-d12	24.765

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,1'-methylenebis-	268	C21H16	000607-50-1	47
2		9,10-(1,2-Benzo)anthracene, 2,...	282	C22H18	027884-45-3	43
3		Benzenamine, N-(diphenylethenyli...	269	C20H15N	014181-84-1	35
4		9-Benzylphenanthrene	268	C21H16	000605-05-0	25
5		Benzene, 1,1',1'',1'''-(2-butene...	360	C28H24	003314-83-8	20



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,1'-Biphenyl, ...	15.076	11.8	ng	97402100	3	14.723	165644000	20.0
4,4'-Dimethylbi...	15.211	6.8	ng	56532100	3	14.723	165644000	20.0
Triphenylcyclop...	23.448	13.8	ng	3022760	6	24.765	4382970	20.0
unknown23.877	23.877	20.0	ng	4382970	6	24.765	4382970	20.0