

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009494.D
 Acq On : 22 Mar 2022 18:37
 Operator : CG/JU
 Sample : N2033-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-237

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_P\Methods\8270E-BP031722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009494.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	403	410	433	rBV	3544887	6413572	1.24%	0.901%
2	6.981	669	679	696	rBV	3307271	6522392	1.27%	0.916%
3	13.057	1704	1712	1721	rBV	6401125	10714441	2.08%	1.505%
4	14.434	1938	1946	1950	rBV3	2932918	6487701	1.26%	0.911%
5	15.963	2199	2206	2219	rBV2	8704658	23415353	4.54%	3.289%
6	16.169	2235	2241	2250	rBV	19318243	62009167	12.03%	8.709%
7	16.428	2276	2285	2323	rBV4	43115465	515399879	100.00%	72.389%
8	16.657	2323	2324	2327	rVB	43460971	24207493	4.70%	3.400%
9	16.757	2337	2341	2344	rVB	5631526	6427848	1.25%	0.903%
10	17.051	2387	2391	2396	rVB	7256559	11345442	2.20%	1.593%
11	17.298	2430	2433	2440	rVB	5849447	8037745	1.56%	1.129%
12	19.239	2758	2763	2768	rBV	12598860	19308276	3.75%	2.712%
13	19.592	2819	2823	2827	rBV	8404742	11701247	2.27%	1.643%

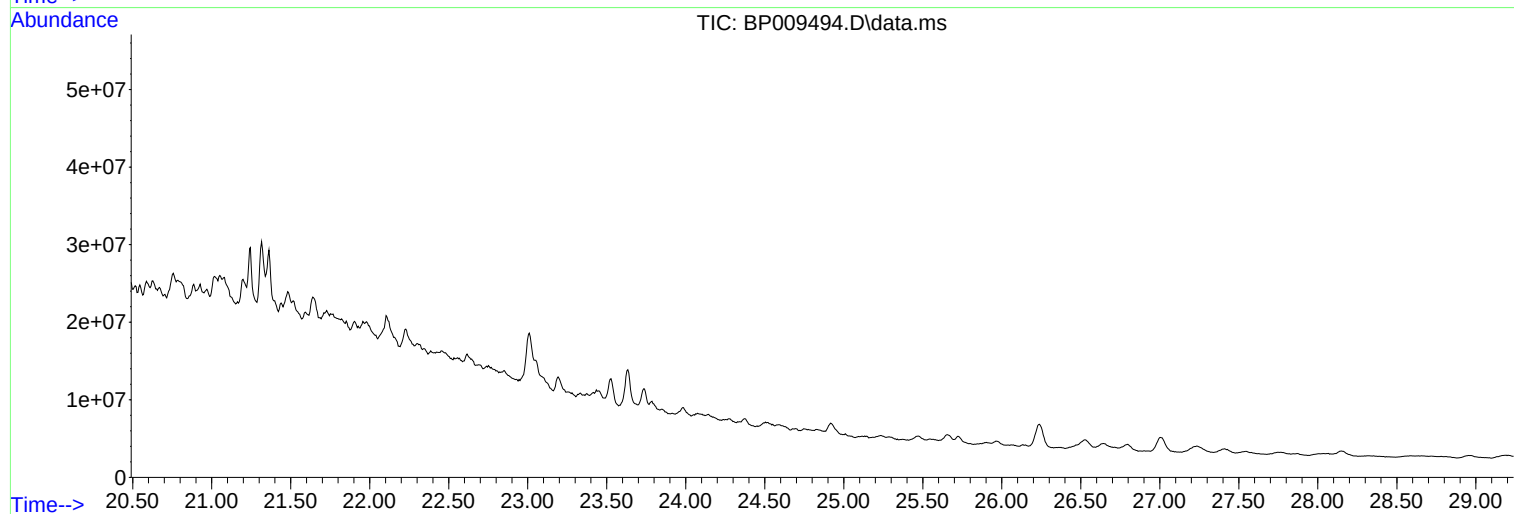
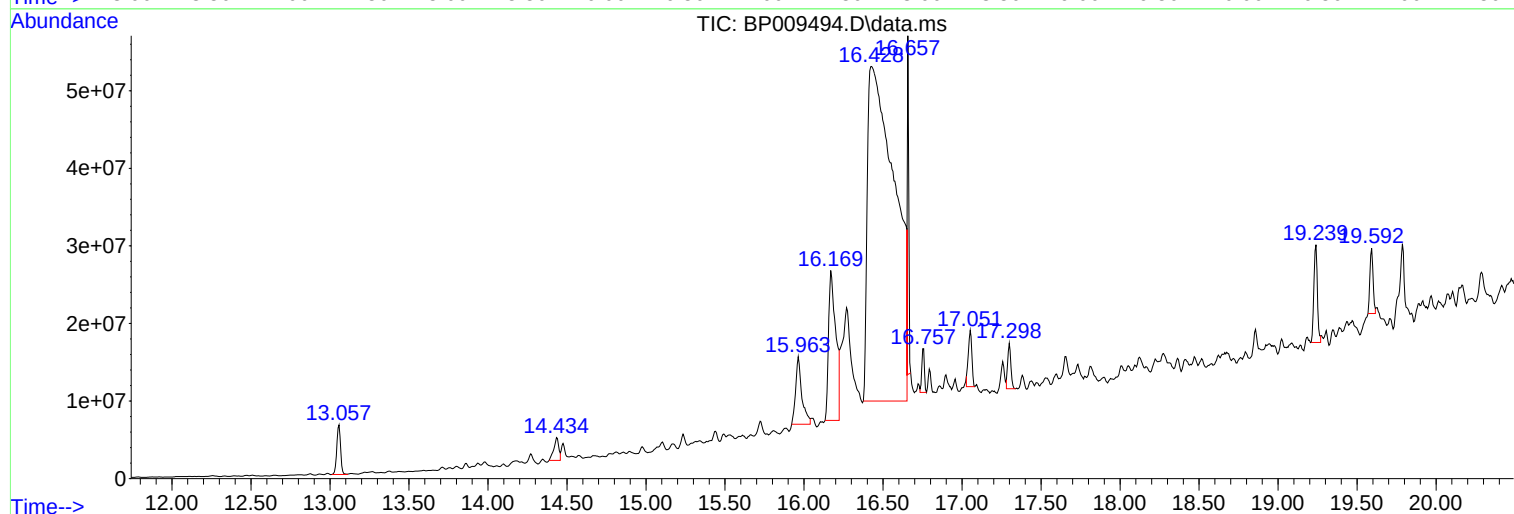
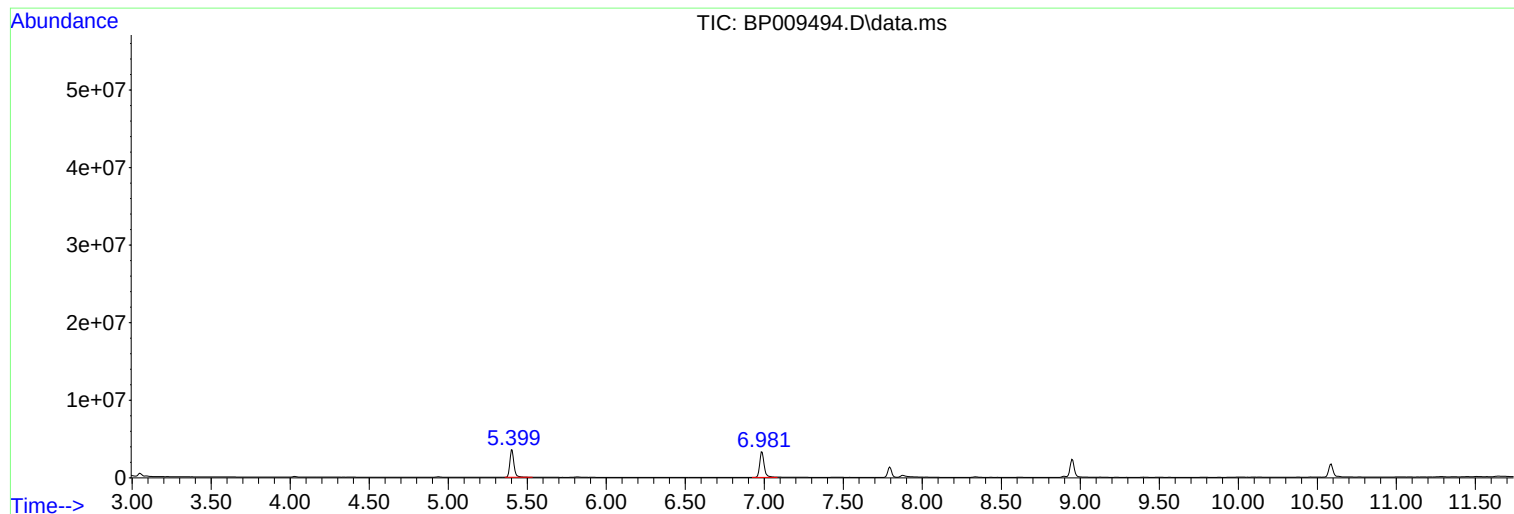
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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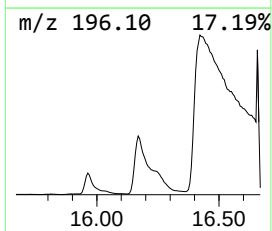
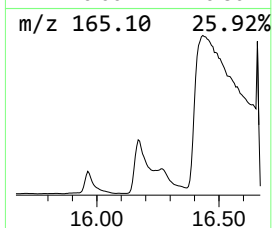
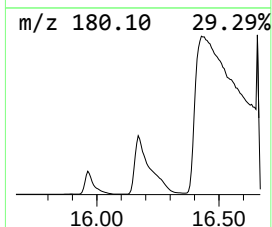
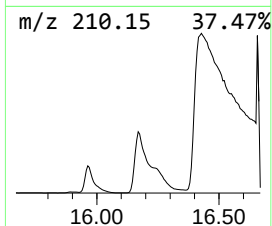
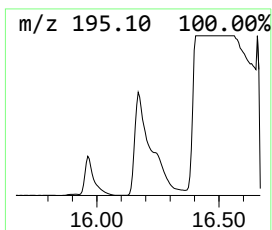
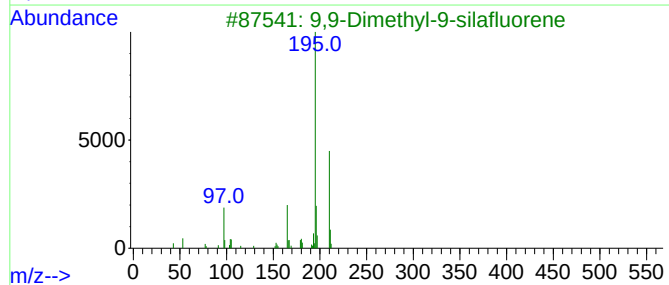
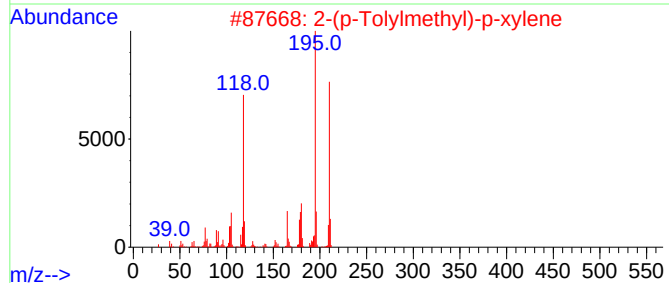
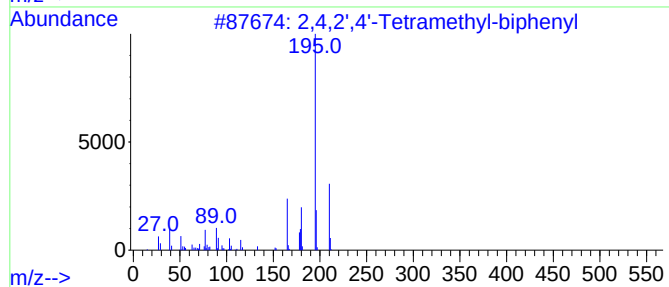
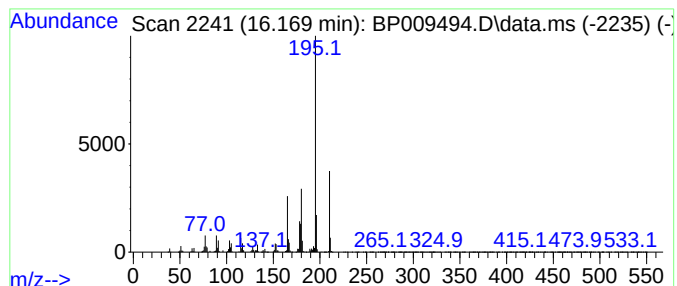
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2,4,2',4'-Tetramethyl-biphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.169	154.29 ng	62009200	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	90		
2	2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	86		
3	9,9-Dimethyl-9-silafluorene	210	C14H14Si	013688-68-1	74		
4	9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	58		
5	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	53		



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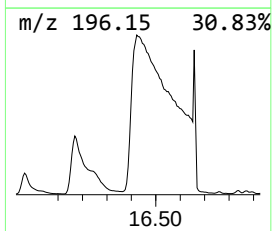
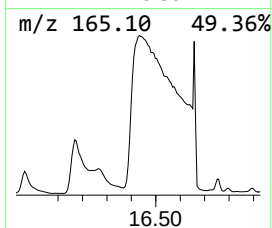
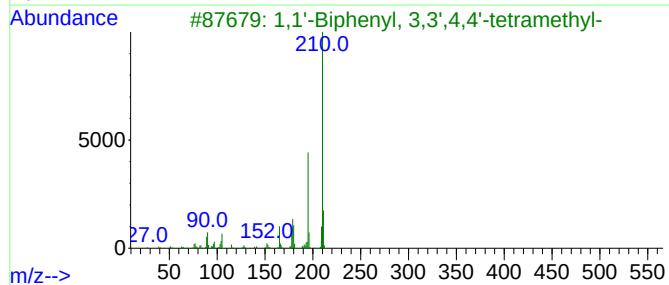
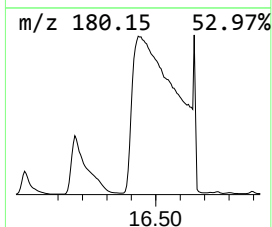
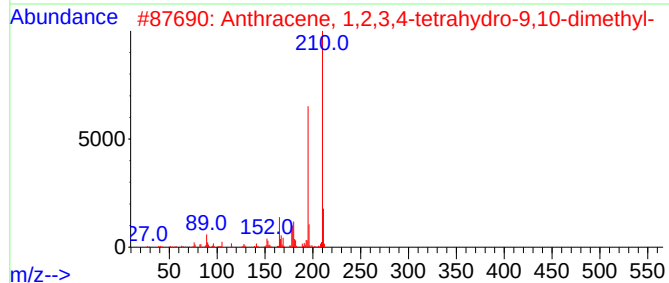
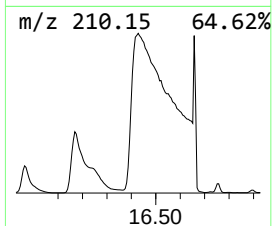
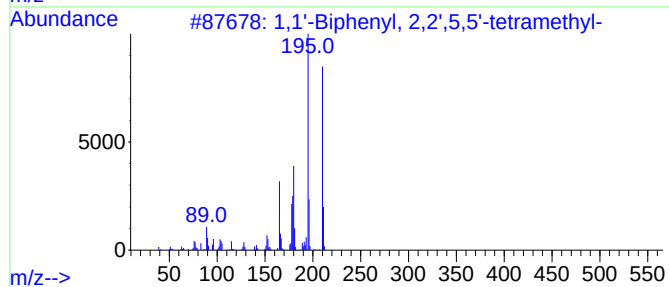
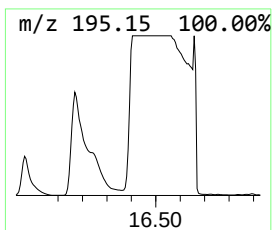
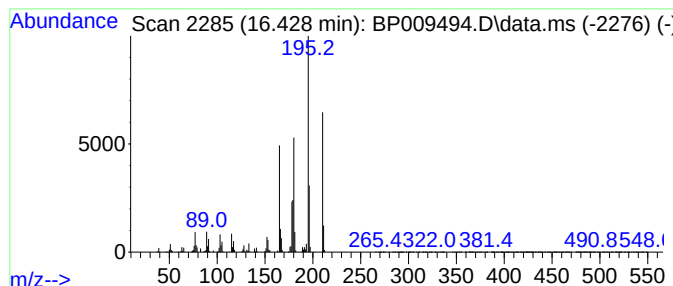
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.428	1282.45 ng	515400000	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	90		
2	Anthracene, 1,2,3,4-tetrahydro-9...	210	C16H18	094573-50-9	87		
3	1,1'-Biphenyl, 3,3',4,4'-tetrame...	210	C16H18	004920-95-0	74		
4	2,4,2',4'-Tetramethyl-biphenyl	210	C16H18	1000486-97-7	49		
5	Fluorenone oxime	195	C13H9NO	002157-52-0	43		



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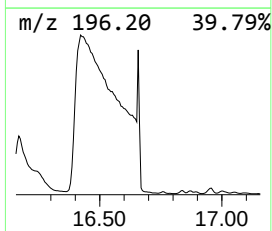
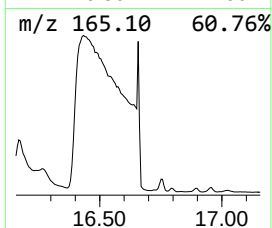
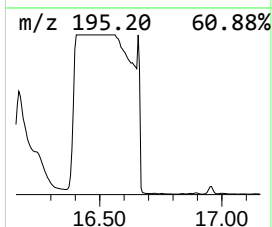
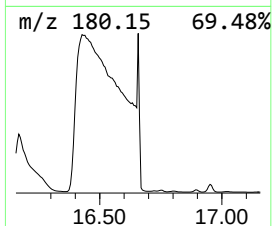
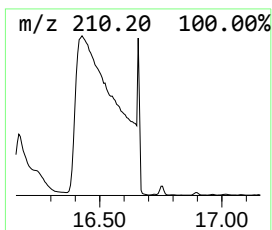
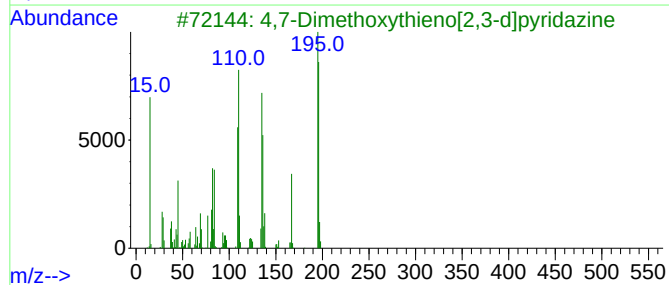
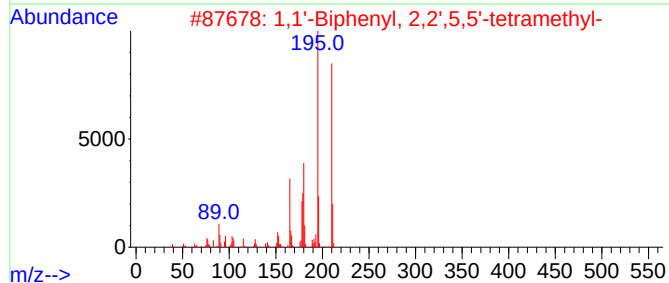
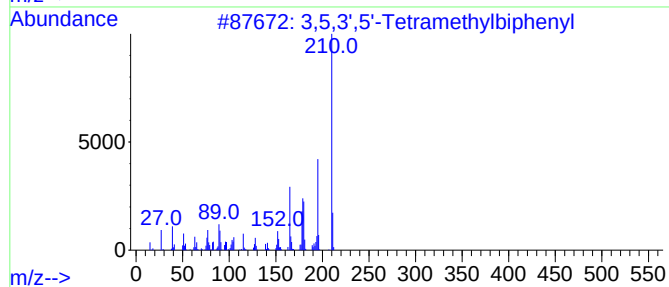
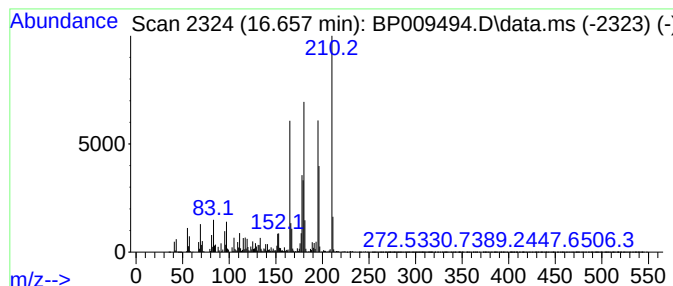
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Peak Number 3 3,5,3',5'-Tetramethylbiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.657	60.23 ng	24207500	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5,3',5'-Tetramethylbiphenyl	210	C16H18	025570-02-9	90		
2	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	74		
3	4,7-Dimethoxythieno[2,3-d]pyrida...	196	C8H8N2O2S	1000436-23-9	53		
4	9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	45		
5	Benzene, 1-methoxy-3-(2-phenylet...	210	C15H14O	014064-41-6	38		



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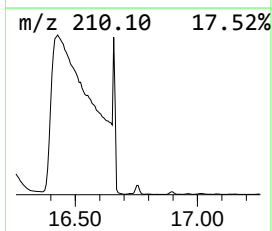
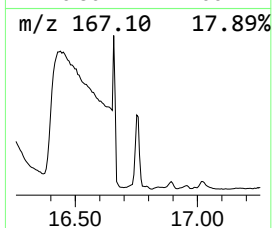
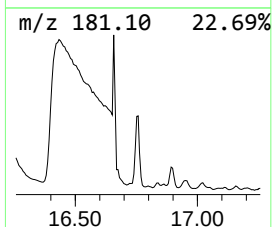
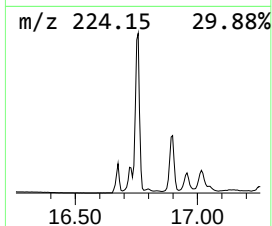
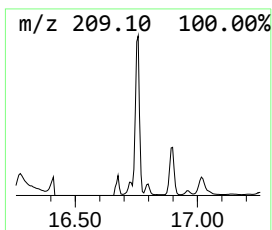
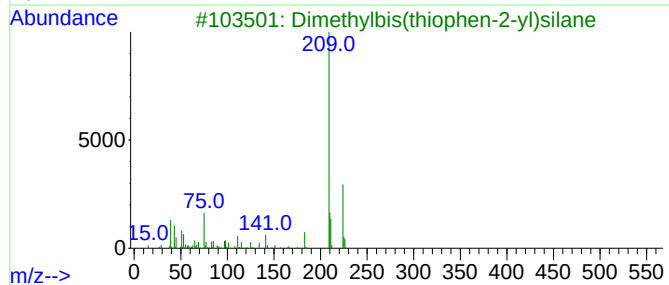
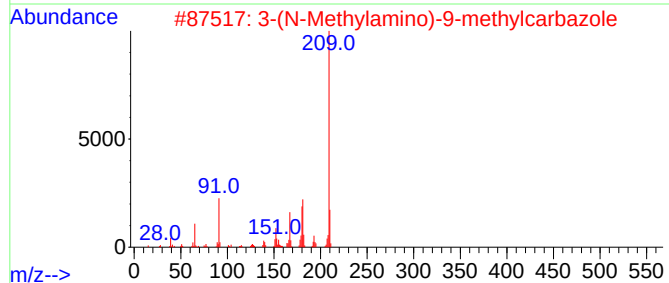
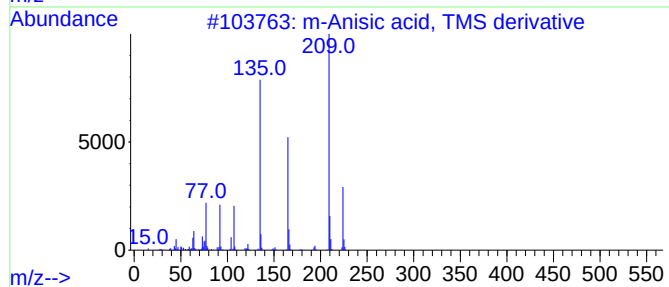
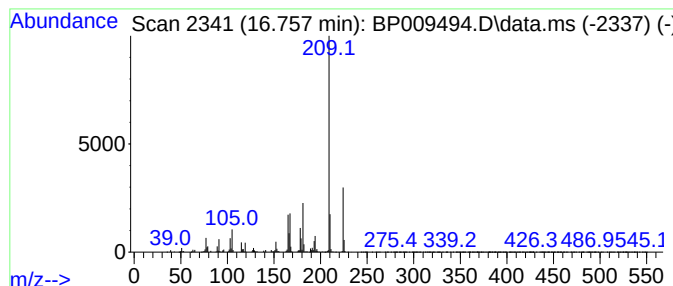
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Peak Number 4 m-Anisic acid, TMS derivative Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	15.99 ng	6427850	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Anisic acid, TMS derivative	224	C11H16O3Si	959111-51-4	53
2			3-(N-Methylamino)-9-methylcarbazole	210	C14H14N2	005416-98-8	53
3			Dimethylbis(thiophen-2-yl)silane	224	C10H12S2Si	1000487-00-9	52
4			Thieno[3,2-d]pyrimidin-4-ol, TMS...	224	C9H12N2OSSi	1000476-88-8	50
5			Thieno[2,3-d]pyrimidin-4-ol, O-TMS	224	C9H12N2OSSi	1010488-24-3	50



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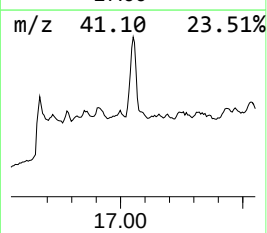
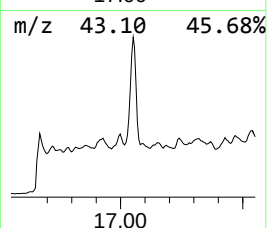
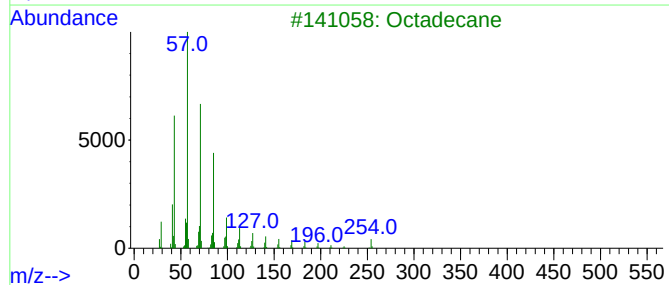
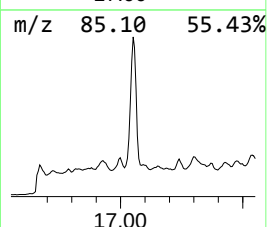
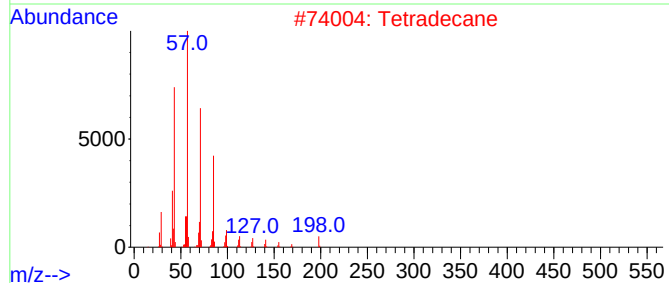
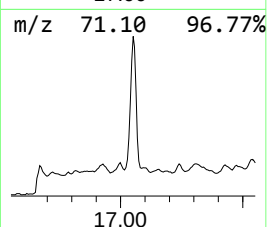
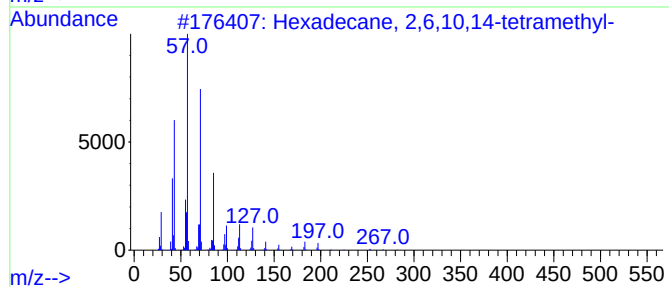
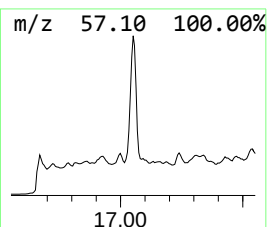
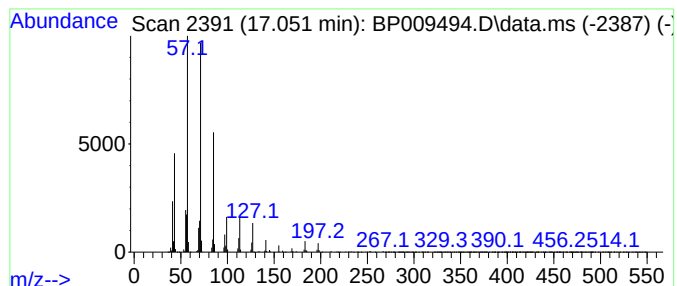
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Peak Number 5 Hexadecane, 2,6,10,14-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	28.23 ng	11345400	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2			Tetradecane	198	C14H30	000629-59-4	90
3			Octadecane	254	C18H38	000593-45-3	90
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5			Hexadecane	226	C16H34	000544-76-3	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,2',4'-Tetra...	16.169	154.3	ng	62009200	4	17.257	8037750	20.0
1,1'-Biphenyl, ...	16.428	1282.5	ng	515400000	4	17.257	8037750	20.0
3,5,3',5'-Tetra...	16.657	60.2	ng	24207500	4	17.257	8037750	20.0
m-Anisic acid, ...	16.757	16.0	ng	6427850	4	17.257	8037750	20.0
Hexadecane, 2,6...	17.051	28.2	ng	11345400	4	17.257	8037750	20.0