

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
 Data File : BF101413.D
 Acq On : 15 Dec 2017 00:17
 Operator : SJ/JU
 Sample : I6847-01 100X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-646507-01

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:\HPCHEM1\BNA_F\METHODS\8270-BF121417.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	6.810	800	803	820	rBV	1047508	1135893	6.51%	3.043%
2	7.069	844	847	860	rBV	391498	424283	2.43%	1.137%
3	8.139	1017	1029	1033	rBV3	6191673	17447729	100.00%	46.747%
4	8.175	1033	1035	1049	rVB	308653	369938	2.12%	0.991%
5	8.810	1139	1143	1150	rBV	1761958	1677816	9.62%	4.495%
6	8.910	1155	1160	1172	rVB	755692	784498	4.50%	2.102%
7	9.275	1219	1222	1231	rVB	325425	304027	1.74%	0.815%
8	9.439	1246	1250	1258	rBV2	163914	249860	1.43%	0.669%
9	9.510	1258	1262	1265	rVV	198698	213462	1.22%	0.572%
10	9.851	1314	1320	1324	rBV2	1683404	1645500	9.43%	4.409%
11	10.057	1352	1355	1359	rBV	657738	621192	3.56%	1.664%
12	10.404	1410	1414	1420	rVB	433757	420933	2.41%	1.128%
13	10.645	1451	1455	1460	rBV	123379	175163	1.00%	0.469%
14	11.157	1538	1542	1545	rBV	335198	311545	1.79%	0.835%
15	11.345	1570	1574	1576	rBV	1734635	1699087	9.74%	4.552%
16	11.369	1576	1578	1582	rVV	2432902	1971448	11.30%	5.282%
17	11.421	1582	1587	1592	rVB	378334	408202	2.34%	1.094%
18	11.580	1609	1614	1618	rBV	269836	276897	1.59%	0.742%
19	11.874	1661	1664	1668	rVB	262846	233982	1.34%	0.627%
20	11.957	1675	1678	1681	rBV	223694	247212	1.42%	0.662%
21	12.180	1713	1716	1724	rVB	293471	280870	1.61%	0.753%
22	12.563	1776	1781	1784	rBV	1583284	1467930	8.41%	3.933%
23	12.792	1813	1820	1825	rVV2	1183661	1229876	7.05%	3.295%
24	13.992	2016	2024	2027	rBV2	1452567	1824265	10.46%	4.888%
25	14.015	2027	2028	2032	rVB	430369	309687	1.77%	0.830%
26	15.039	2197	2202	2204	rBV	265218	398108	2.28%	1.067%
27	15.462	2267	2274	2286	rVB	721018	1002742	5.75%	2.687%
28	16.939	2519	2525	2532	rBV2	96188	191966	1.10%	0.514%

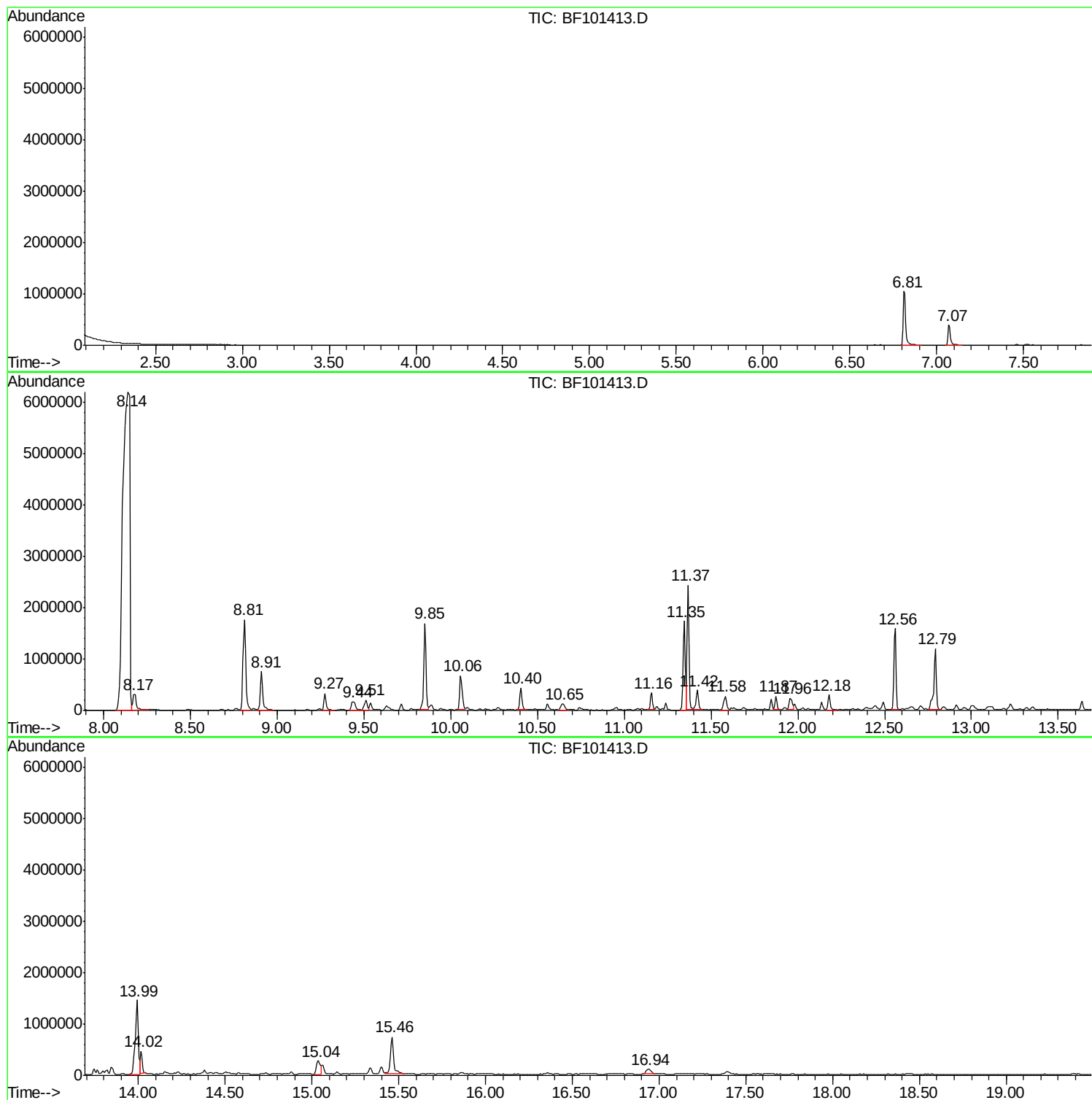
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Misc :
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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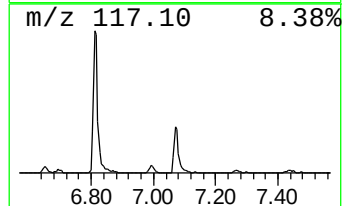
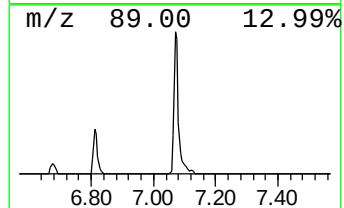
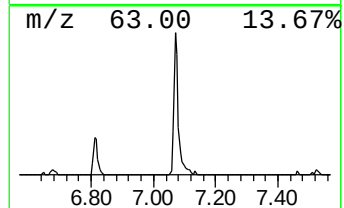
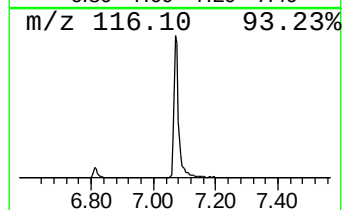
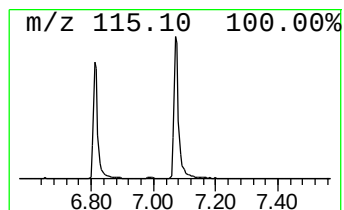
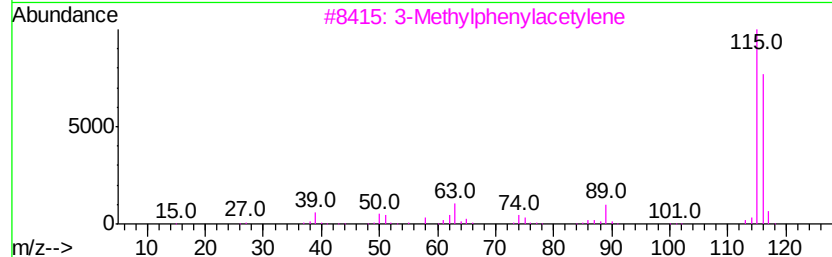
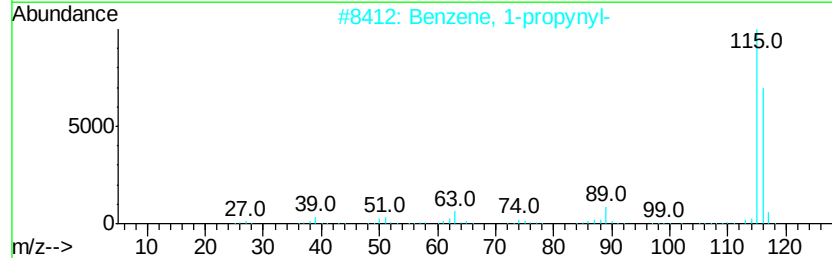
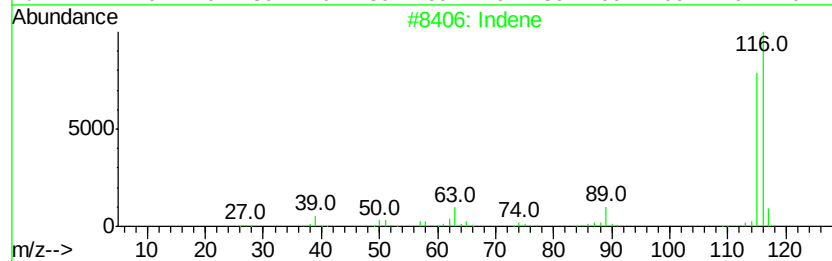
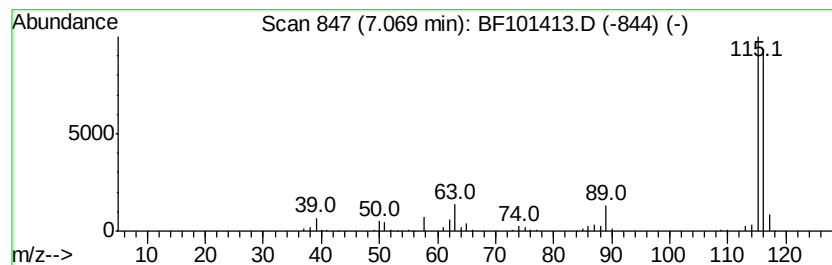
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	7.47 ng	424283	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90



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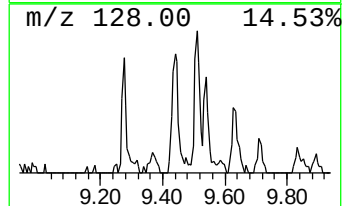
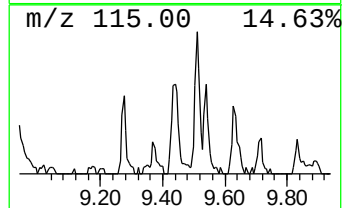
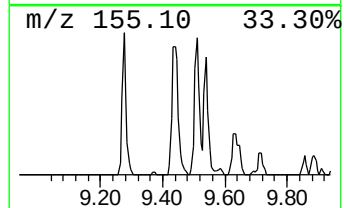
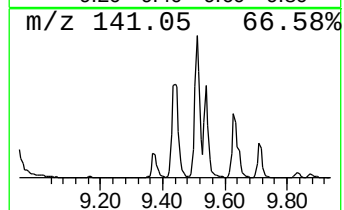
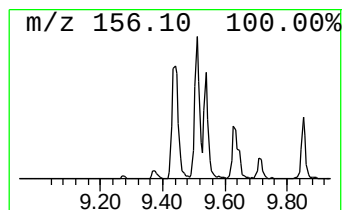
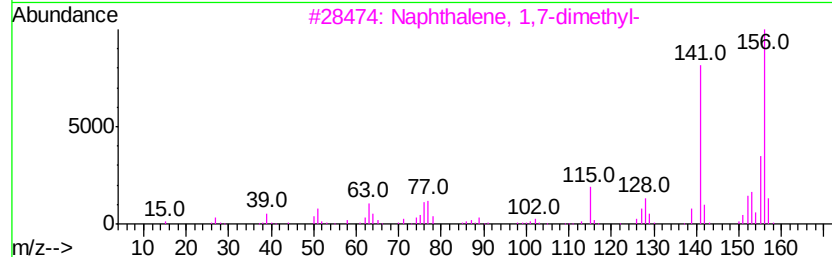
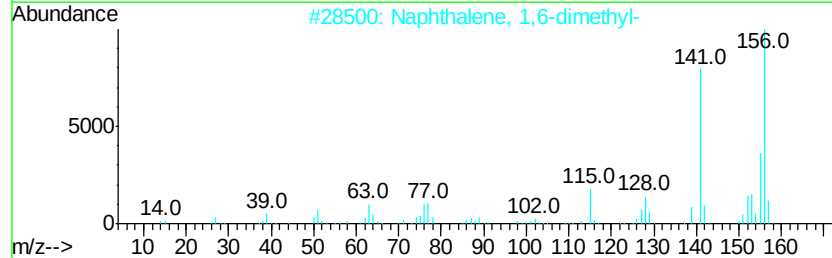
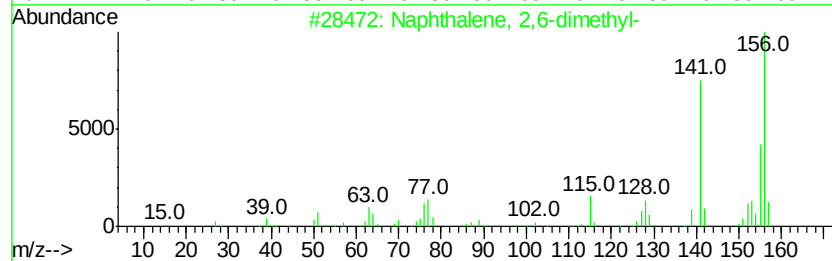
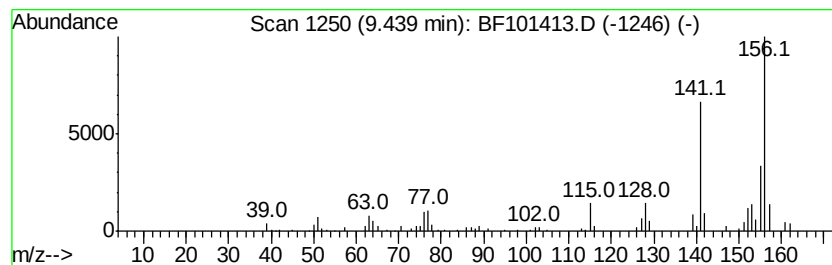
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Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
9.44	3.04 ng	249860	Acenaphthene-d10		9.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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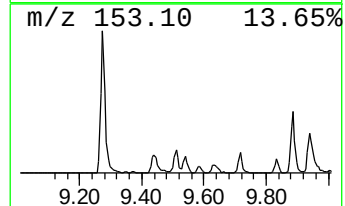
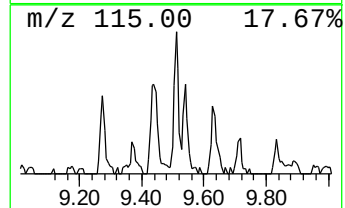
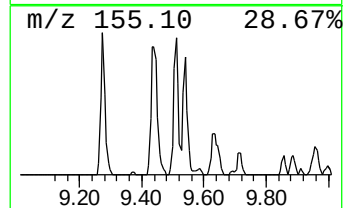
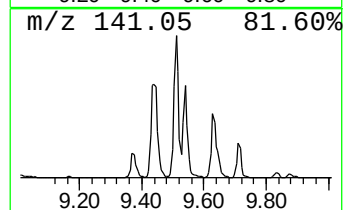
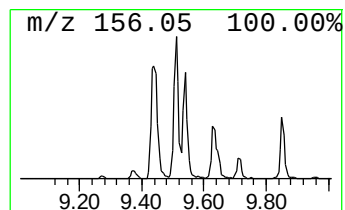
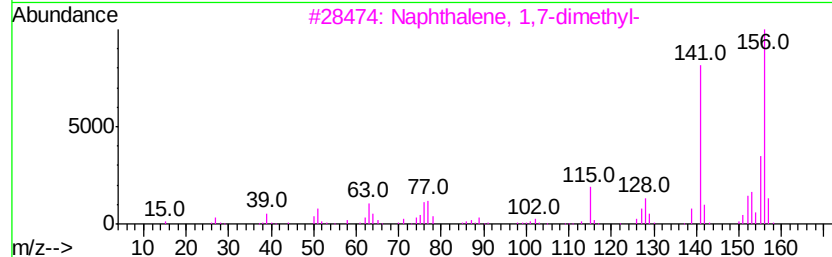
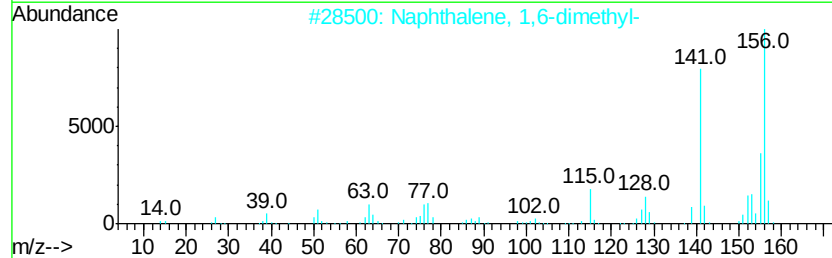
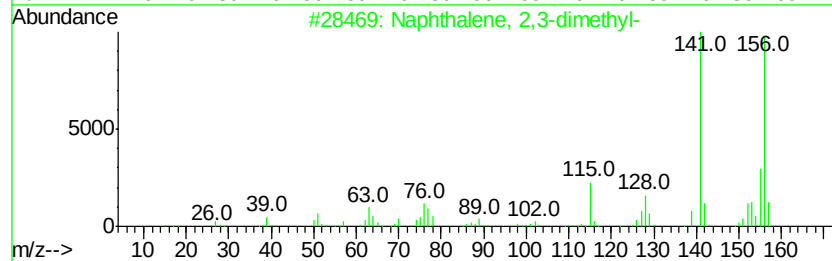
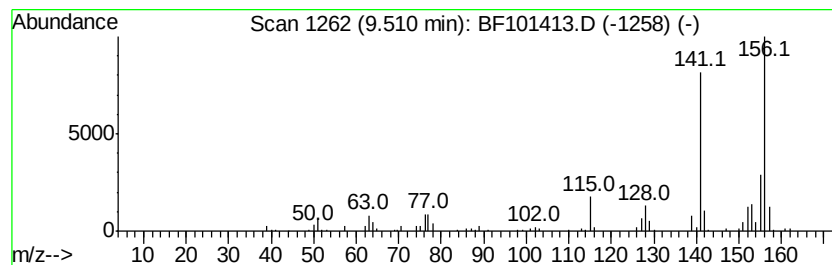
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Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	2.59 ng	213462	Acenaphthene-d10	9.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



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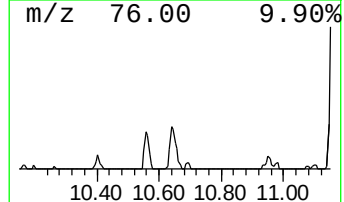
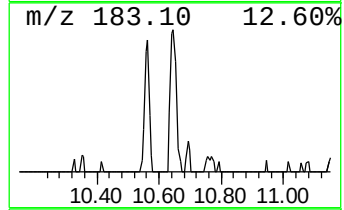
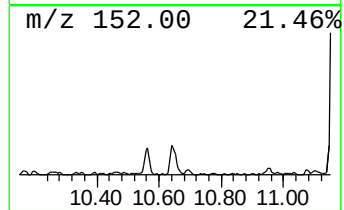
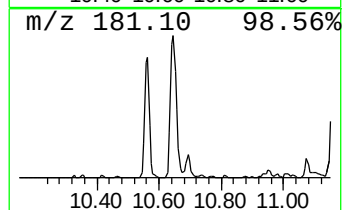
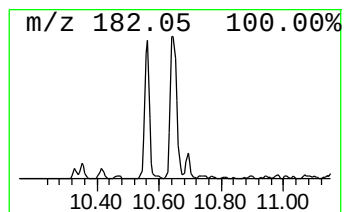
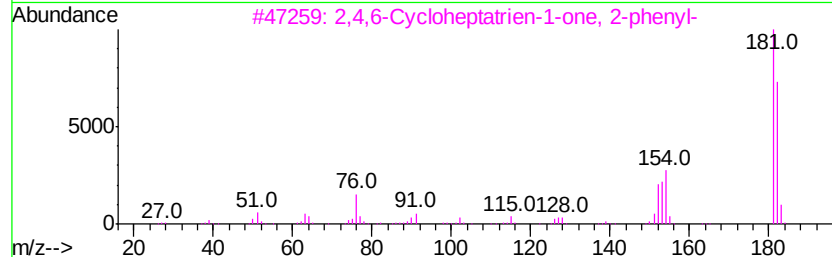
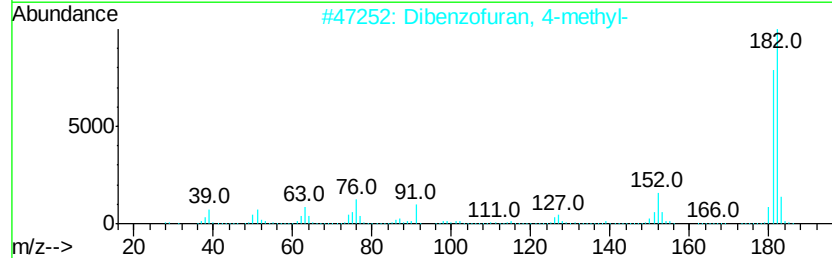
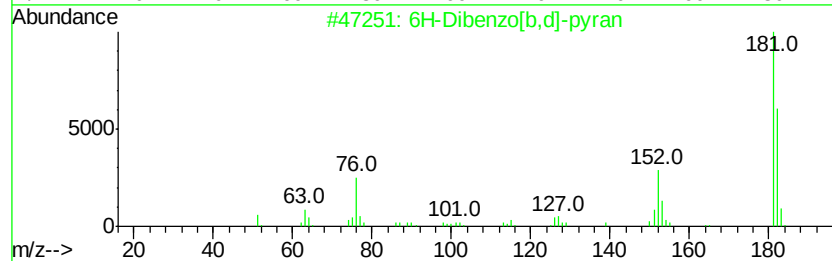
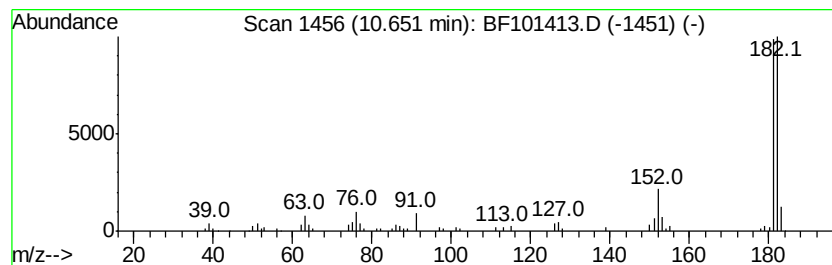
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Peak Number 4 6H-Dibenzo[b,d]-pyran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	2.06 ng	175163	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
3		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83



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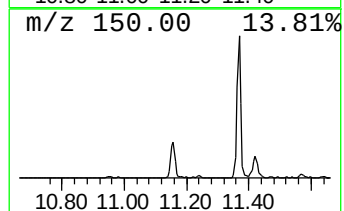
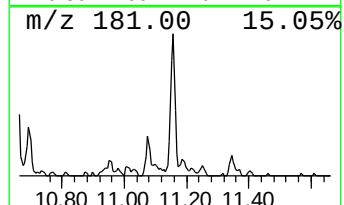
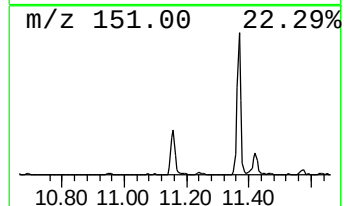
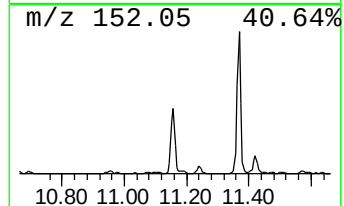
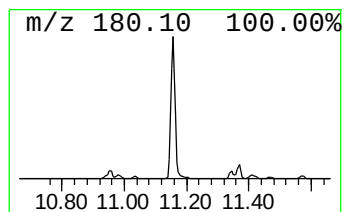
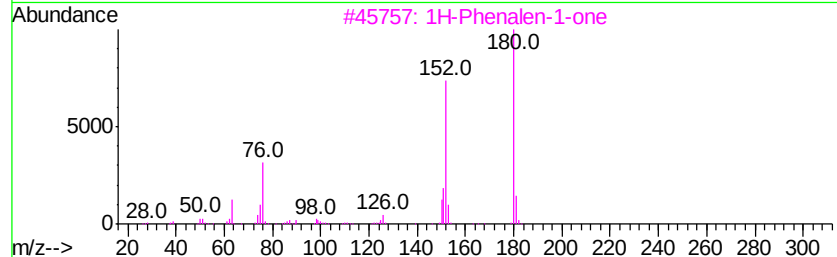
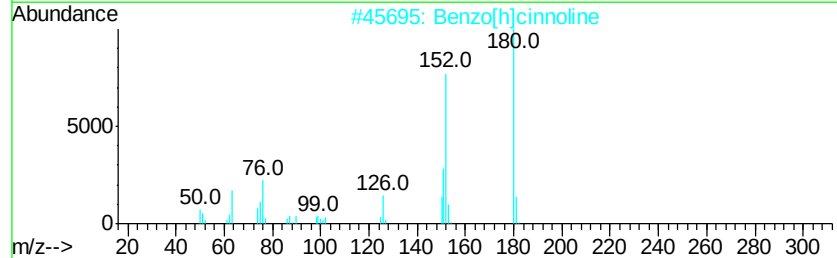
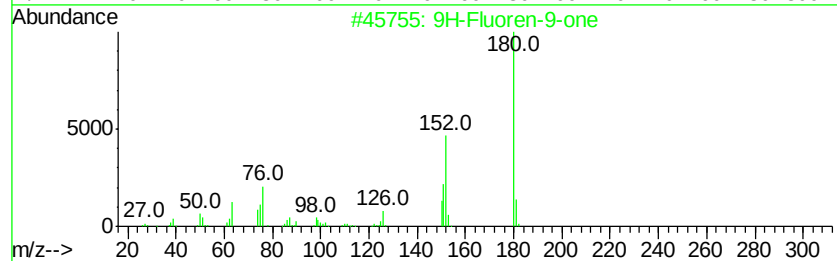
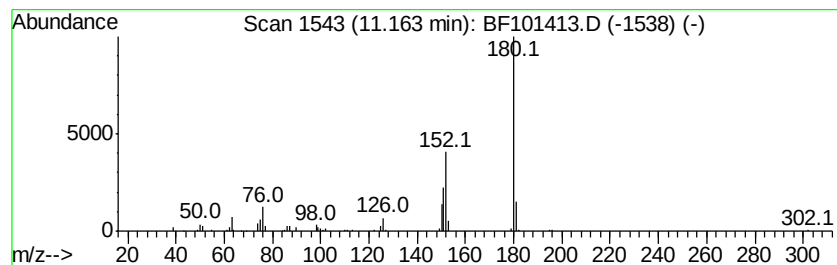
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 9H-Fluoren-9-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.16	3.67 ng	311545	Phenanthrene-d10		11.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	87
3			1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4			Phenazine	180	C12H8N2	000092-82-0	47
5			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	45



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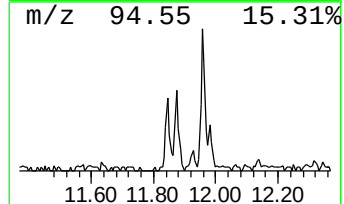
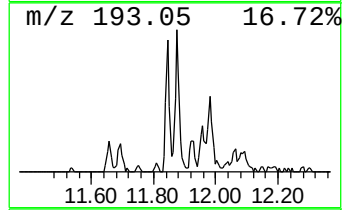
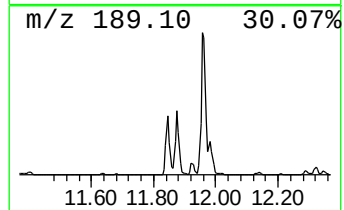
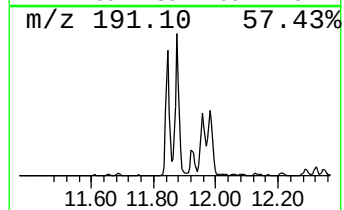
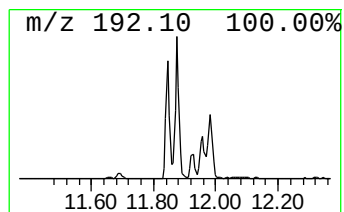
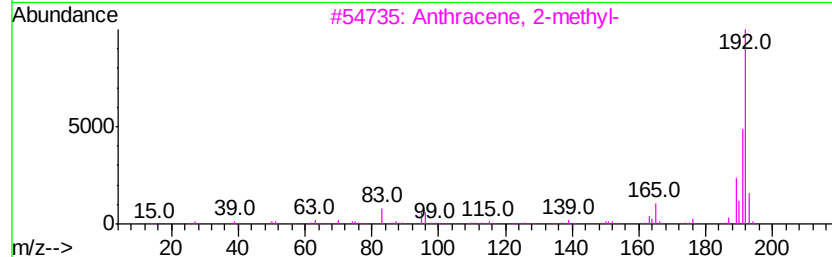
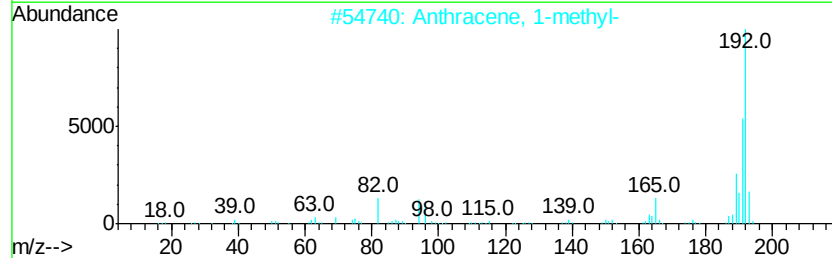
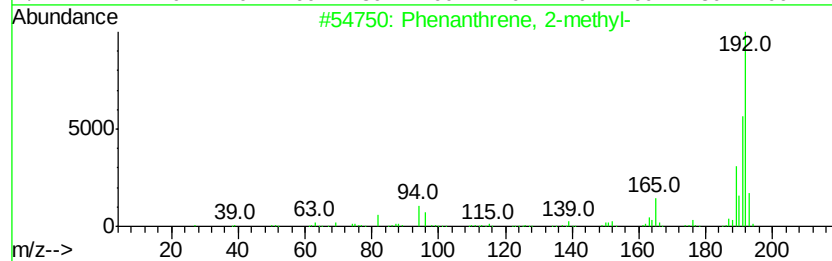
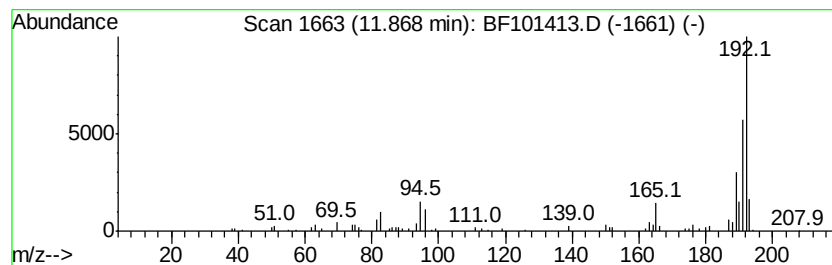
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.75 ng	233982	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	98
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101413.D
Acq On : 15 Dec 2017 00:17
Operator : SJ/JU
Sample : I6847-01 100X
Misc :
ALS Vial : 18 Sample Multiplier: 1

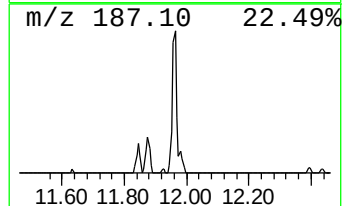
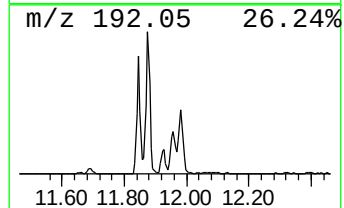
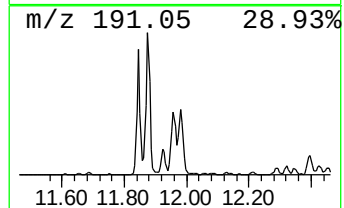
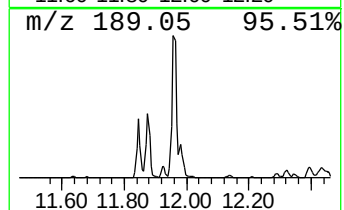
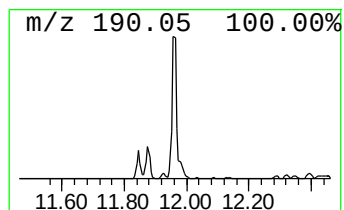
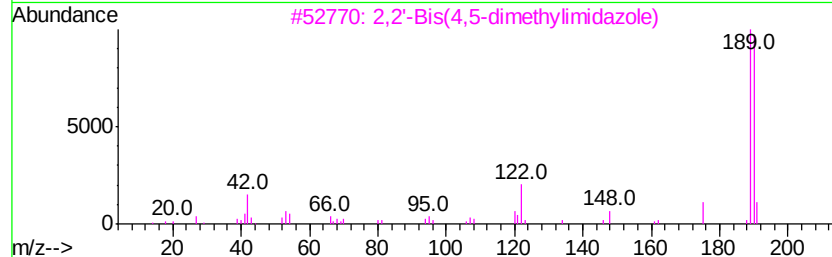
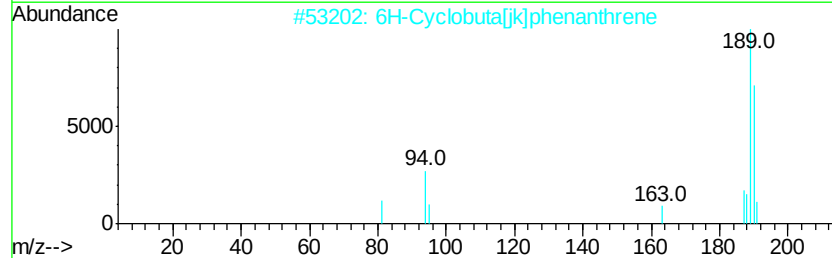
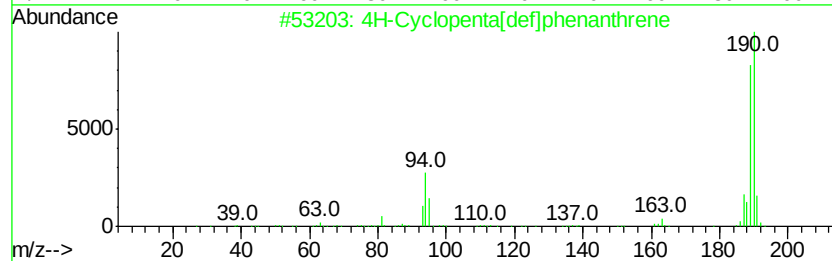
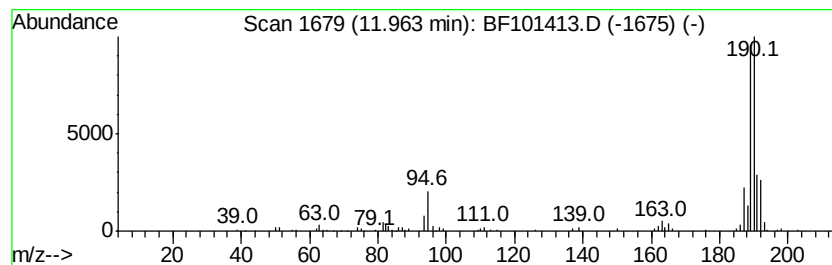
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ClientSampleId :
WC-646507-01

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.96	2.91 ng	247212	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	16
5	2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121417\
Data File : BF101413.D
Acq On : 15 Dec 2017 00:17
Operator : SJ/JU
Sample : I6847-01 100X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-646507-01

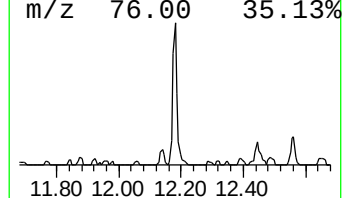
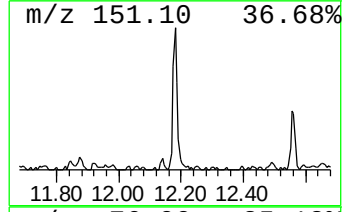
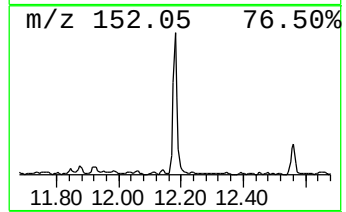
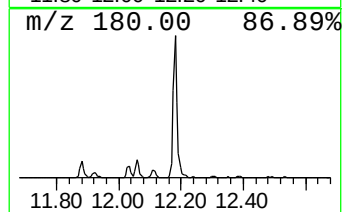
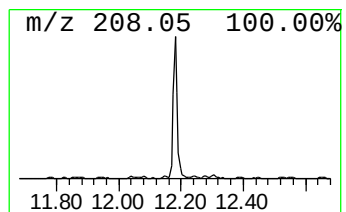
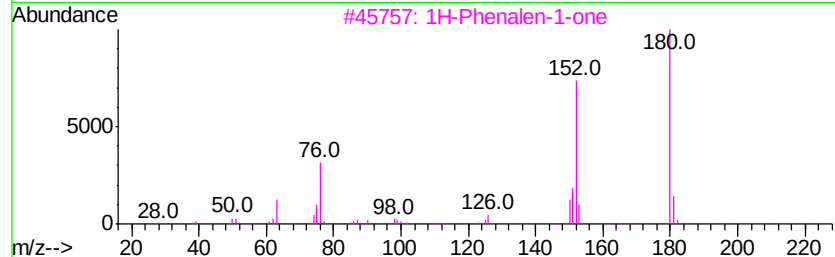
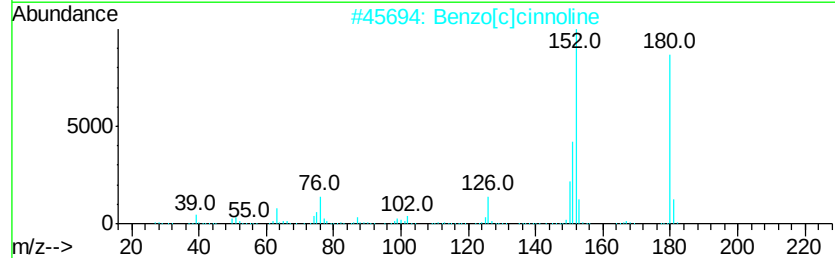
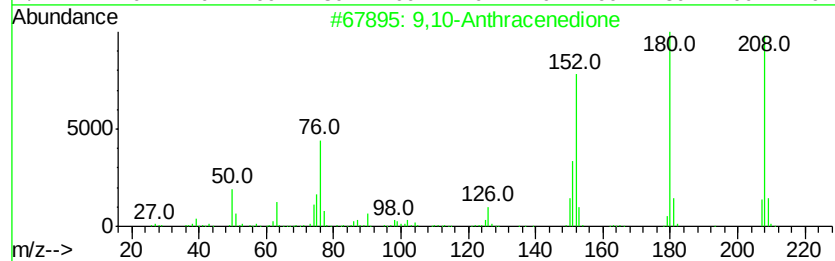
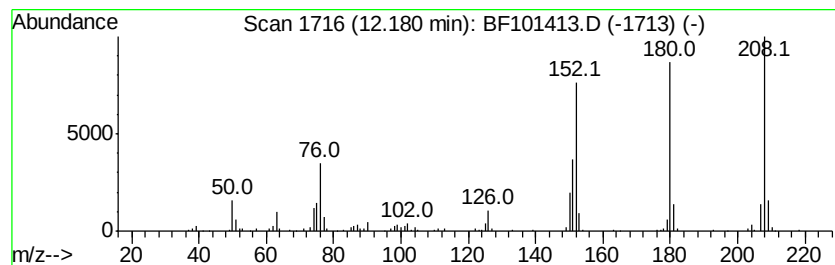
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	3.31 ng	280870	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	62
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	53



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF121417\
Data File : BF101413.D
Acq On : 15 Dec 2017 00:17
Operator : SJ/JU
Sample : I6847-01 100X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-646507-01

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Naphthalene, 2,6-...	9.44	3.0	ng	249860	3	9.85	1645500	20.0
Naphthalene, 2,3-...	9.51	2.6	ng	213462	3	9.85	1645500	20.0
6H-Dibenzo[b,d]-p...	10.65	2.1	ng	175163	4	11.35	1699090	20.0
9H-Fluoren-9-one	11.16	3.7	ng	311545	4	11.35	1699090	20.0
Phenanthrene, 2-m...	11.87	2.8	ng	233982	4	11.35	1699090	20.0
4H-Cyclopenta[def...	11.96	2.9	ng	247212	4	11.35	1699090	20.0
9,10-Anthracenedione	12.18	3.3	ng	280870	4	11.35	1699090	20.0