

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
 Data File : BF107191.D
 Acq On : 6 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J3749-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZER-SB-101-03-04-0-11

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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	5.590	548	553	575	rVB	950092	957458	21.91%	3.905%
2	6.590	718	723	740	rBV	936360	959574	21.96%	3.914%
3	6.725	740	746	750	rBV	1056652	958495	21.94%	3.909%
4	6.942	779	783	790	rBB	429501	348906	7.99%	1.423%
5	7.101	804	810	822	rVB	908113	774464	17.72%	3.159%
6	7.513	874	880	893	rBV	577735	593322	13.58%	2.420%
7	8.225	997	1001	1022	rVB	399901	444960	10.18%	1.815%
8	9.301	1178	1184	1192	rBV	1044943	965931	22.11%	3.939%
9	9.983	1293	1300	1304	rBV	390185	390501	8.94%	1.593%
10	10.783	1431	1436	1447	rBV	532960	535257	12.25%	2.183%
11	11.477	1551	1554	1556	rBV	392360	378632	8.67%	1.544%
12	11.507	1556	1559	1564	rVB	679450	572273	13.10%	2.334%
13	11.554	1564	1567	1590	rBV	208898	251777	5.76%	1.027%
14	12.013	1642	1645	1649	rVV	170480	157067	3.59%	0.641%
15	12.095	1656	1659	1666	rVB2	242632	354426	8.11%	1.445%
16	12.530	1730	1733	1746	rBV3	149799	332804	7.62%	1.357%
17	12.707	1758	1763	1770	rBV	1139053	1260426	28.85%	5.141%
18	12.936	1794	1802	1806	rBV	1224620	1423793	32.58%	5.807%
19	13.066	1819	1824	1833	rVB	1018711	1088762	24.92%	4.440%
20	13.148	1833	1838	1849	rBV4	112132	290692	6.65%	1.186%
21	13.260	1849	1857	1864	rBV	261393	400318	9.16%	1.633%
22	13.324	1864	1868	1871	rBV	189011	163507	3.74%	0.667%
23	13.366	1871	1875	1887	rVB3	156124	251565	5.76%	1.026%
24	13.489	1893	1896	1942	rBV4	104280	326891	7.48%	1.333%
25	13.942	1970	1973	1999	rVV5	155124	239595	5.48%	0.977%
26	14.130	1999	2005	2008	rBV2	740794	1137383	26.03%	4.639%
27	14.160	2008	2010	2022	rVB	584771	602035	13.78%	2.455%
28	14.242	2022	2024	2068	rBV8	152350	674606	15.44%	2.751%
29	15.218	2185	2190	2205	rVB	391621	926536	21.20%	3.779%
30	15.324	2205	2208	2240	rVV4	101134	317159	7.26%	1.294%
31	15.536	2240	2244	2251	rVV	237462	323623	7.41%	1.320%
32	15.607	2251	2256	2263	rVV	347741	508181	11.63%	2.073%
33	15.671	2263	2267	2529	rVB2	296523	4369504	100.00%	17.821%
34	17.248	2529	2535	2563	rBV	146277	207272	4.74%	0.845%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.730	2611	2617	2656	rVV	114122	287176	6.57%	1.171%
36	17.989	2657	2661	2827	rVB4	71372	744533	17.04%	3.037%

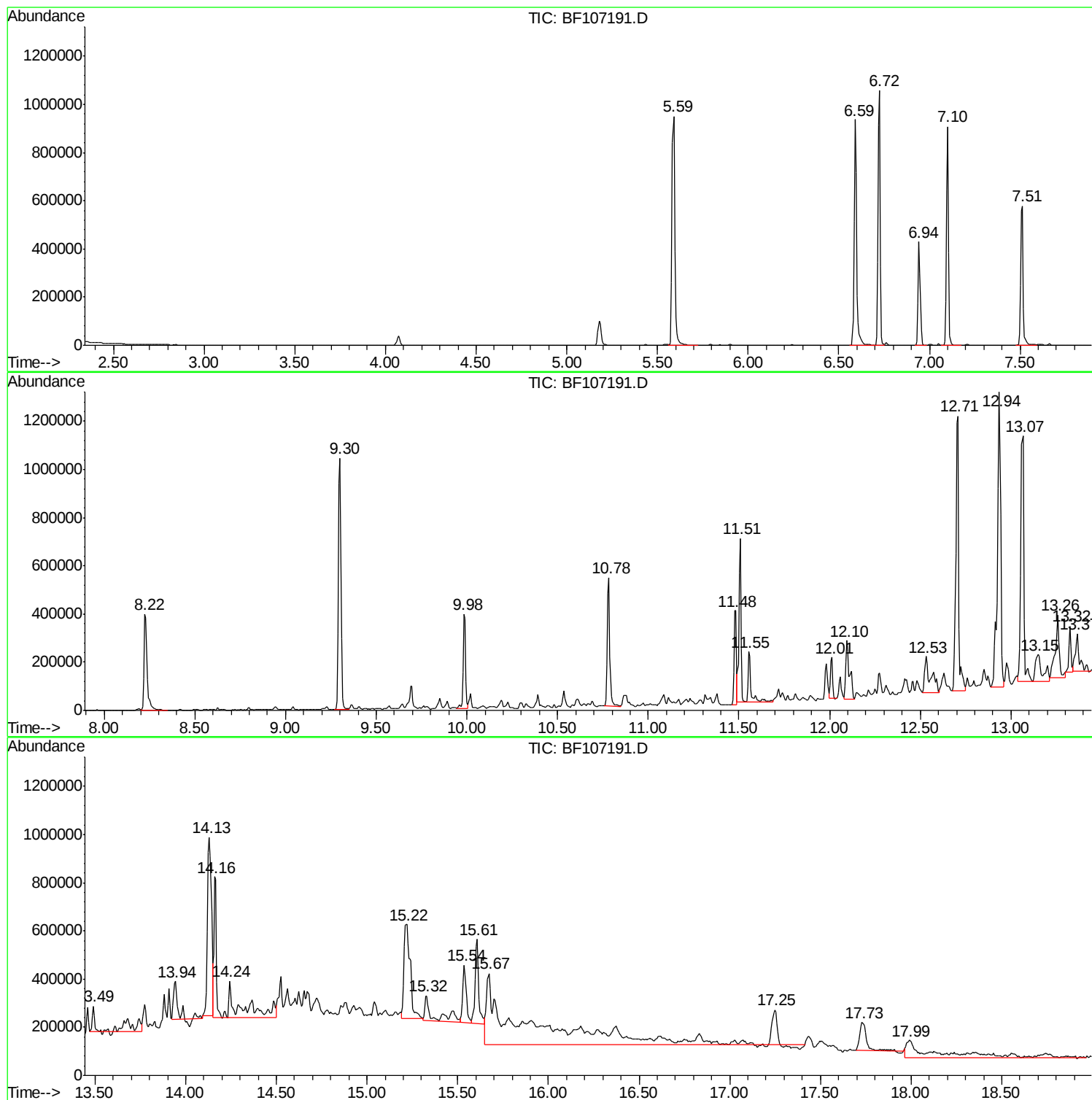
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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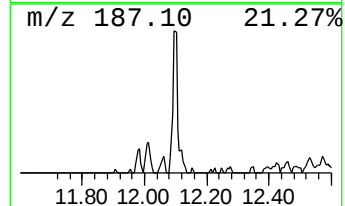
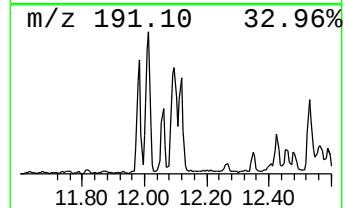
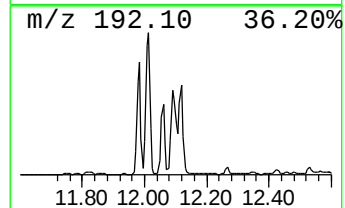
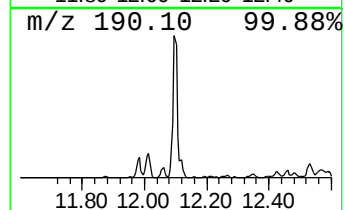
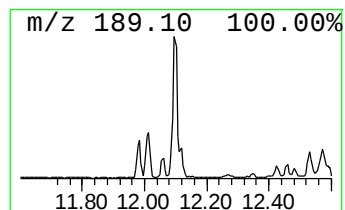
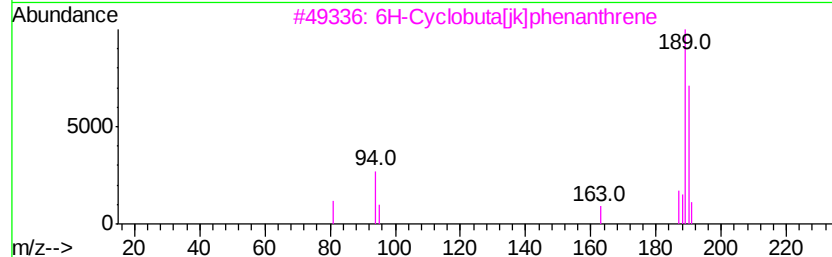
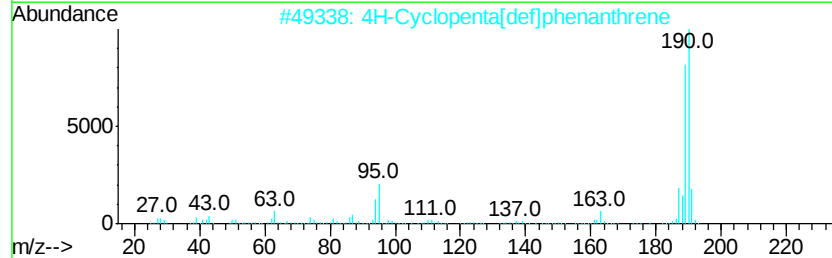
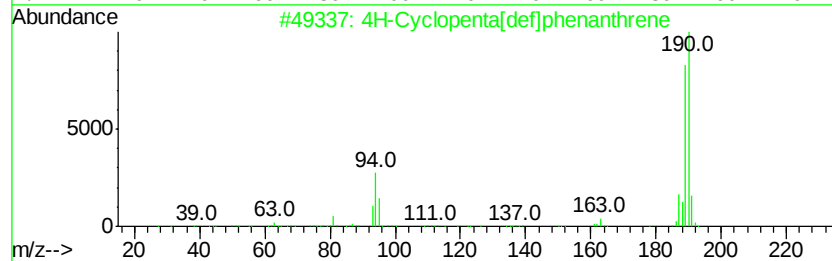
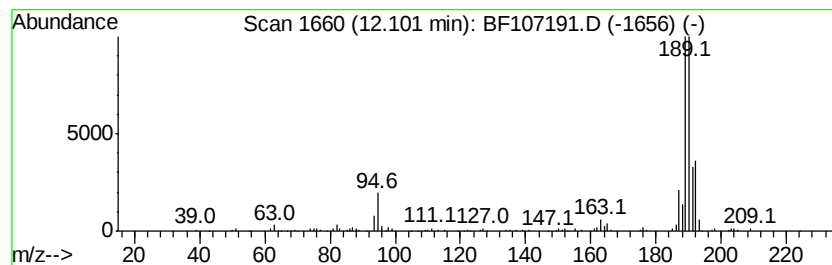
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.10	18.72 ng	354426	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18



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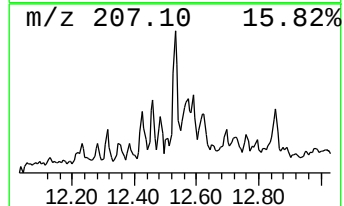
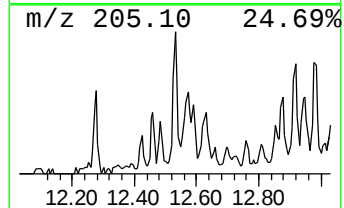
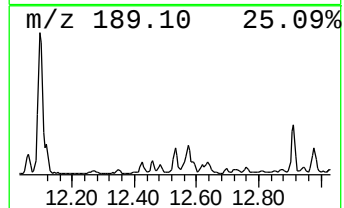
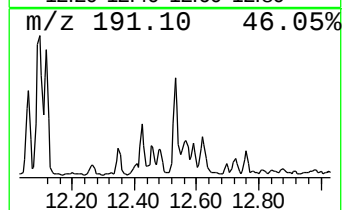
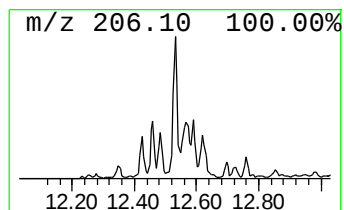
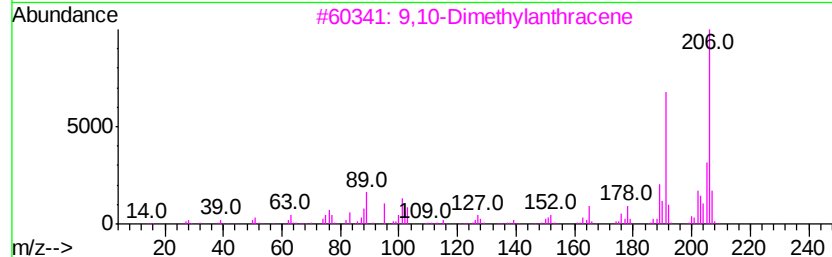
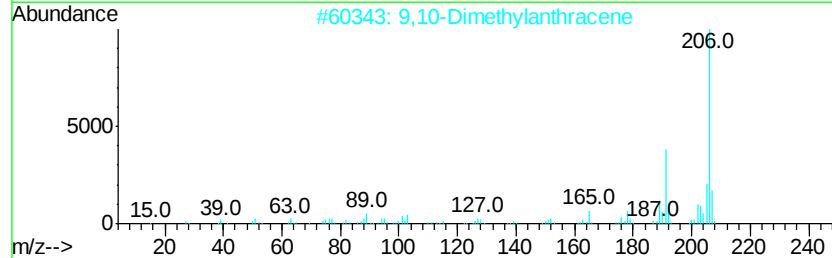
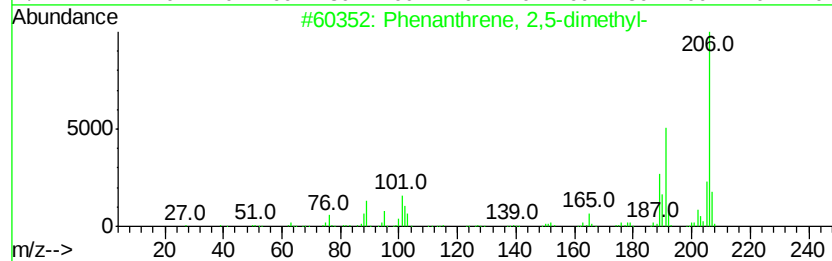
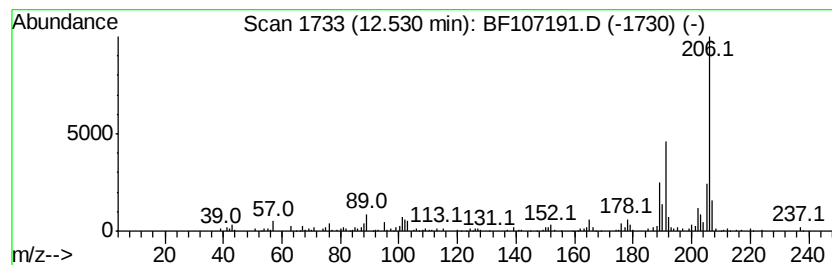
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.53	17.58 ng	332804	Phenanthrene-d10	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3	9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



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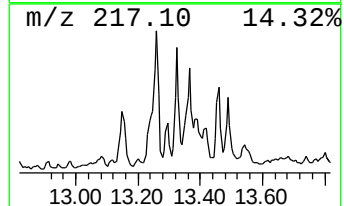
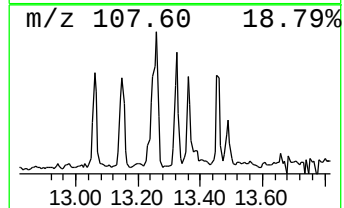
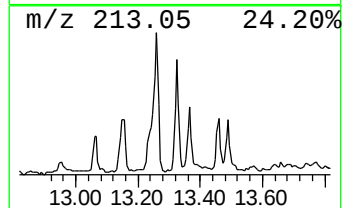
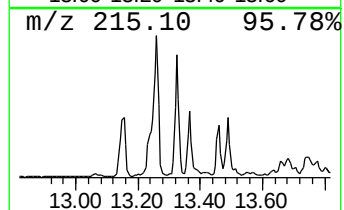
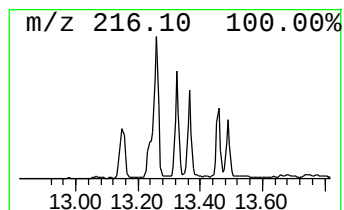
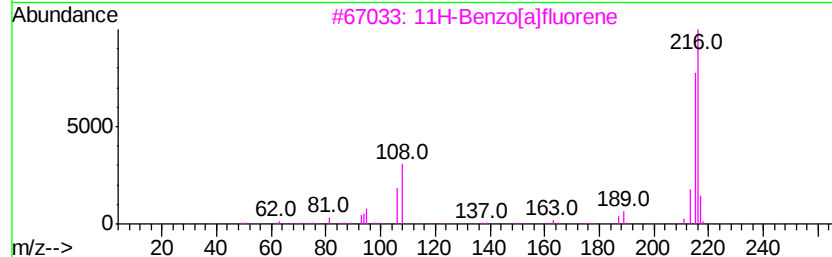
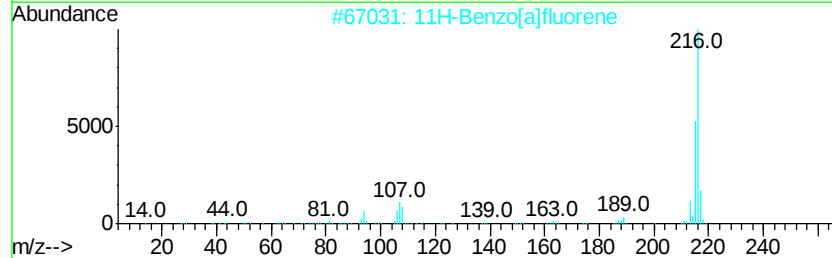
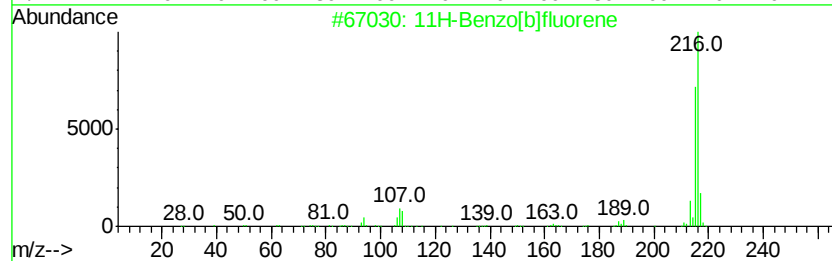
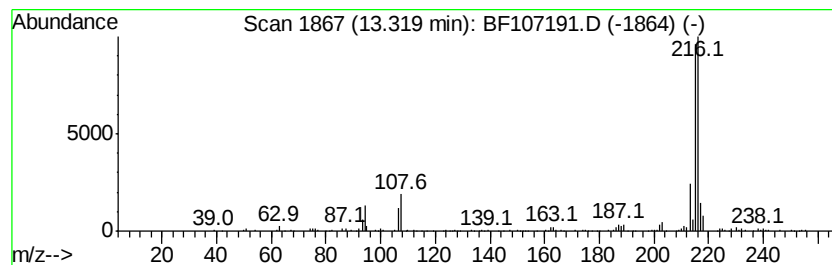
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	2.88 ng	163507	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72



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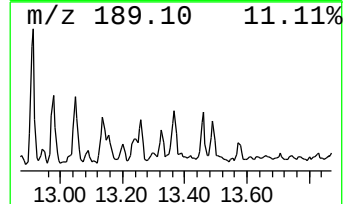
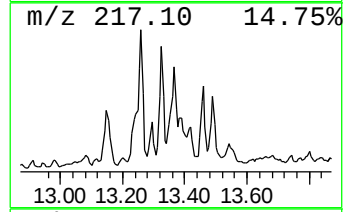
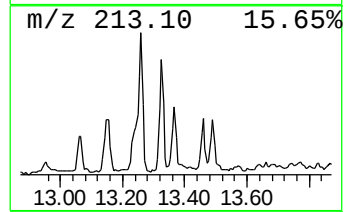
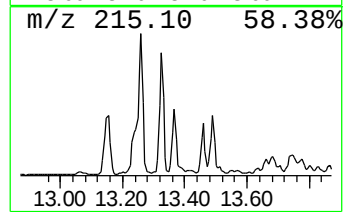
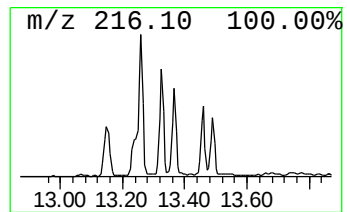
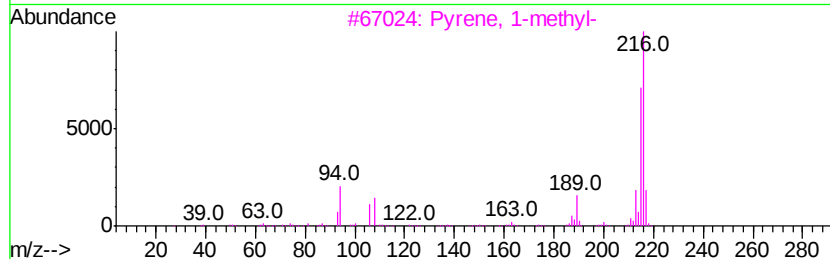
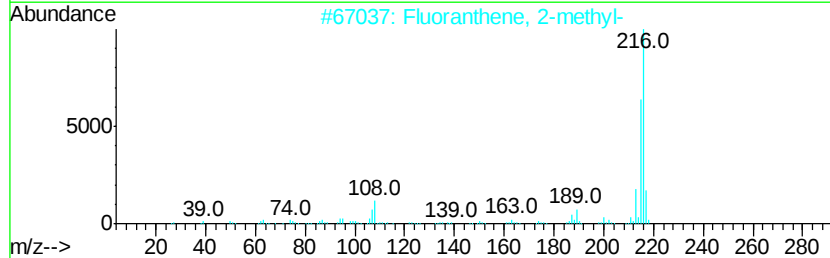
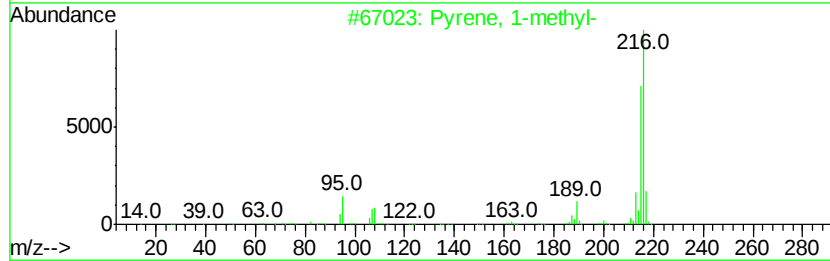
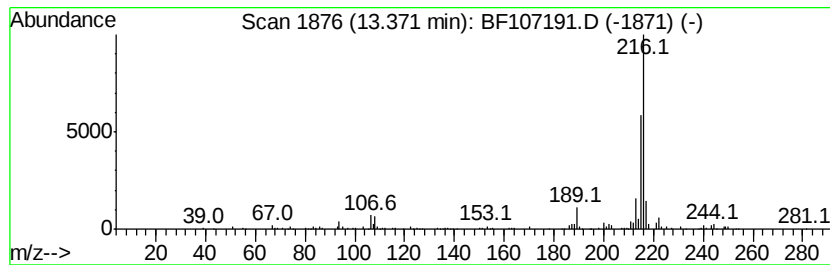
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: RTEINT.P

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	4.42 ng	251565	Chrysene-d12	14.14
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 96
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 94
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93



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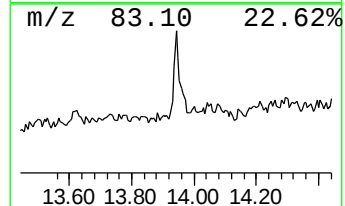
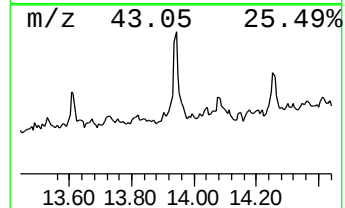
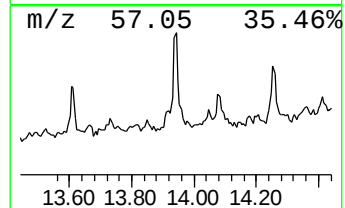
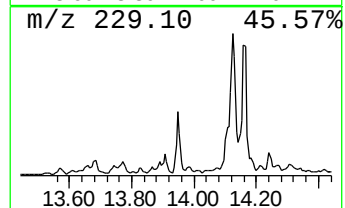
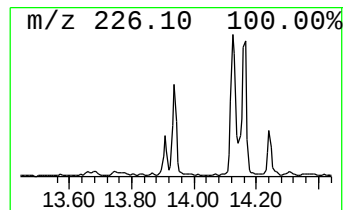
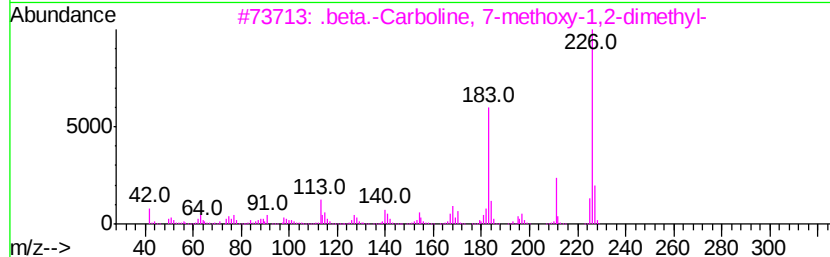
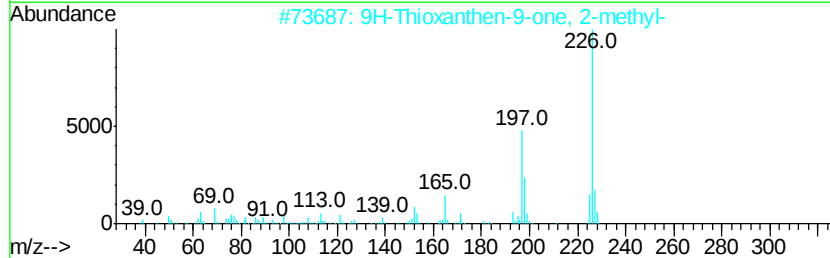
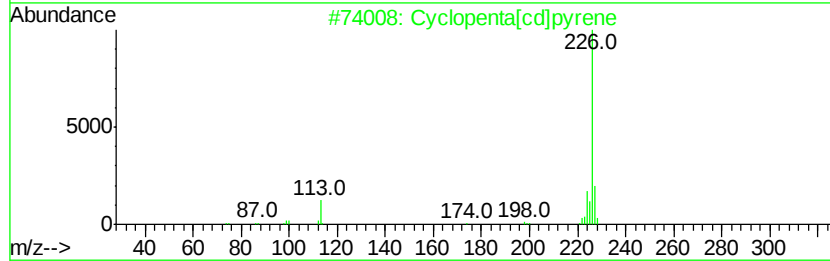
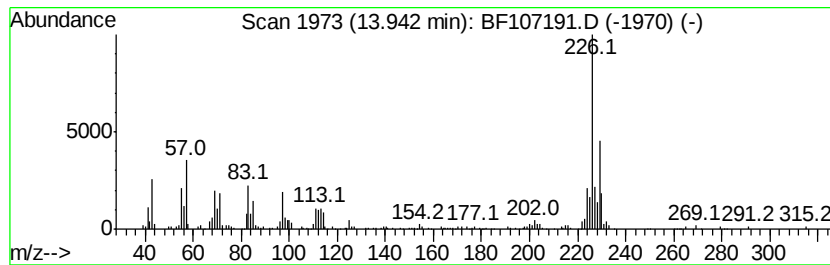
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown13.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	4.21 ng	239595	Chrysene-d12	14.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	43
2		9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	38
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	38
4		Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	32
5		6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
Data File : BF107191.D
Acq On : 6 Jul 2018 23:27
Operator : JU/SJ
Sample : J3749-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

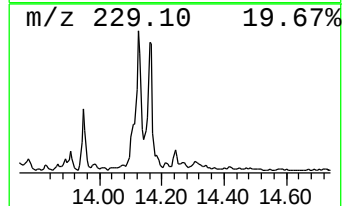
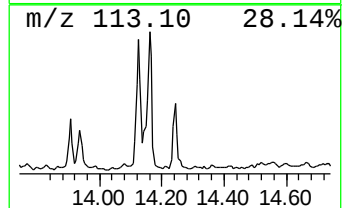
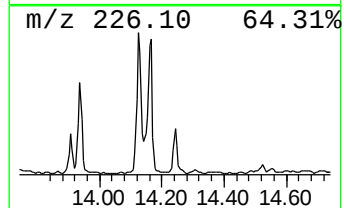
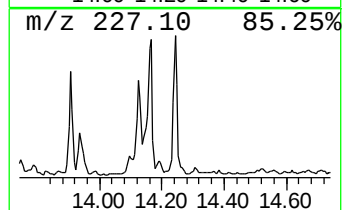
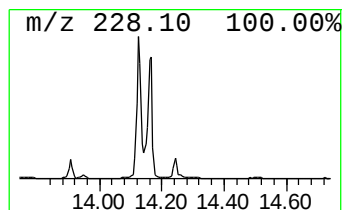
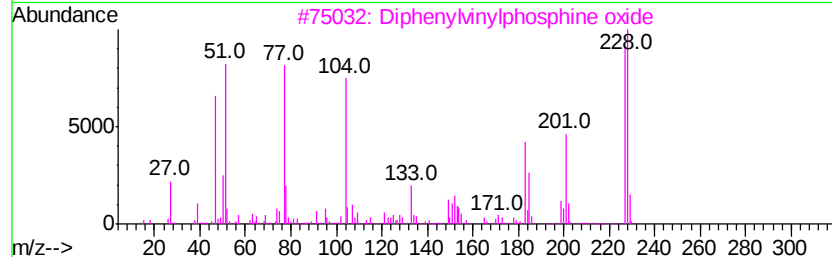
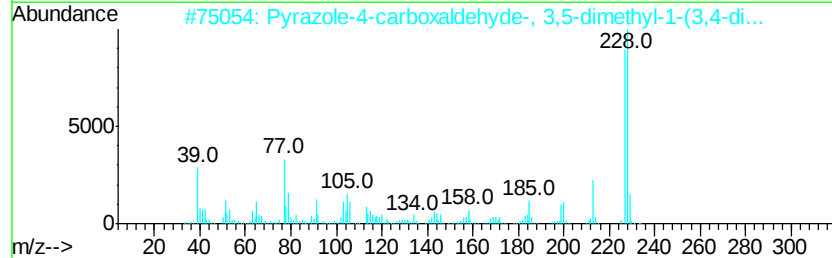
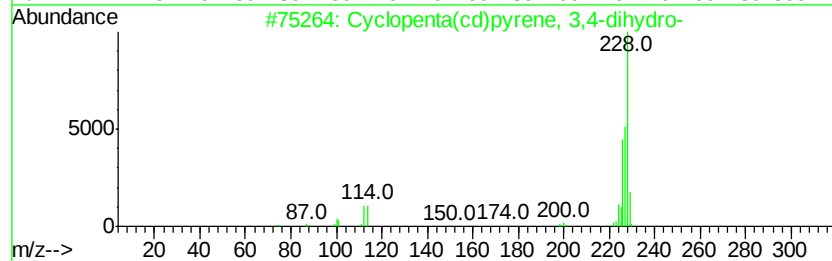
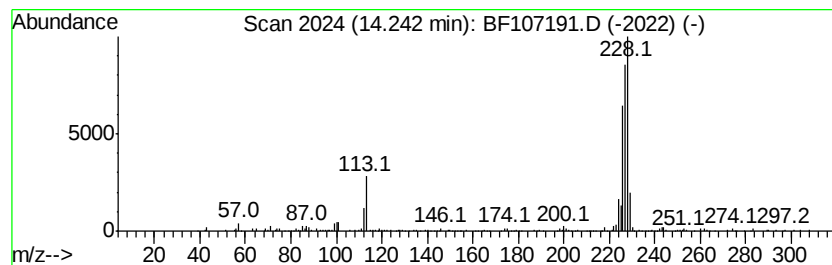
Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.24	11.86 ng	674606	Chrysene-d12	14.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopenta(cd)pvrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
3	Diphenylvlnylphosphine oxide	228	C14H13OP	002096-78-8	50
4	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47
5	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF070618\
Data File : BF107191.D
Acq On : 6 Jul 2018 23:27
Operator : JU/SJ
Sample : J3749-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ZER-SB-101-03-04-0-11

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	12.10	18.7	ng	354426	4	11.48	378632	20.0
Phenanthrene, 2,5...	12.53	17.6	ng	332804	4	11.48	378632	20.0
11H-Benzo[b]fluorene	13.32	2.9	ng	163507	5	14.14	1137380	20.0
Pyrene, 1-methyl-	13.37	4.4	ng	251565	5	14.14	1137380	20.0
unknown13.94	13.94	4.2	ng	239595	5	14.14	1137380	20.0
Cyclopenta(cd)pyr...	14.24	11.9	ng	674606	5	14.14	1137380	20.0