

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088572.D
 Acq On : 1 Jul 2016 13:52
 Operator : UM/SJ
 Sample : H3808-19 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

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:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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	1.735	12	13	23	rVB	163508	360221	4.29%	1.308%
2	1.873	23	25	87	rVB	3096486	8389752	100.00%	30.473%
3	5.393	330	333	335	rBV	623802	680019	8.11%	2.470%
4	6.422	421	423	426	rBV	504766	699286	8.34%	2.540%
5	6.570	433	436	438	rBV	768782	733604	8.74%	2.665%
6	6.810	454	457	459	rBV	829424	885863	10.56%	3.218%
7	6.959	468	470	473	rVB	572107	507473	6.05%	1.843%
8	7.359	503	505	508	rBV	334884	406803	4.85%	1.478%
9	8.090	567	569	573	rVB	1354067	1230880	14.67%	4.471%
10	9.165	661	663	665	rVB	891929	733592	8.74%	2.664%
11	9.702	708	710	712	rVB	144344	113039	1.35%	0.411%
12	9.839	720	722	724	rBV2	1209867	1216343	14.50%	4.418%
13	10.628	788	791	793	rVB2	295903	406311	4.84%	1.476%
14	11.119	832	834	837	rVB	108279	102517	1.22%	0.372%
15	11.325	849	852	853	rBV	1005480	1491577	17.78%	5.418%
16	11.394	855	858	859	rVB	132543	114019	1.36%	0.414%
17	11.542	868	871	873	rBV2	88411	88906	1.06%	0.323%
18	11.816	893	895	896	rBV	88387	84006	1.00%	0.305%
19	11.851	896	898	900	rVB	124788	128073	1.53%	0.465%
20	11.931	903	905	909	rVB2	144310	197036	2.35%	0.716%
21	12.137	920	923	925	rVB2	147353	228773	2.73%	0.831%
22	12.525	955	957	960	rVB	1193620	1027606	12.25%	3.732%
23	12.754	974	977	979	rBV	970111	984087	11.73%	3.574%
24	12.902	988	990	992	rVB	639441	583475	6.95%	2.119%
25	12.971	992	996	1000	rVB3	55001	92804	1.11%	0.337%
26	13.074	1000	1005	1007	rBV2	69931	155918	1.86%	0.566%
27	13.177	1013	1014	1018	rVB2	71370	100984	1.20%	0.367%
28	13.485	1036	1041	1044	rBV6	30231	87742	1.05%	0.319%
29	13.577	1047	1049	1052	rVB	94161	107711	1.28%	0.391%
30	13.691	1057	1059	1061	rBV	77888	124593	1.49%	0.453%
31	13.748	1063	1064	1066	rVV2	58986	87875	1.05%	0.319%
32	13.782	1066	1067	1069	rVV2	88432	106672	1.27%	0.387%
33	13.828	1069	1071	1073	rVB2	80879	108615	1.29%	0.395%
34	13.942	1078	1081	1087	rVB3	1063873	1729556	20.62%	6.282%

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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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35	14.331	1110	1115	1116	rBV	67110	92745	1.11%	0.337%
36	14.948	1166	1169	1174	rVV	391367	789459	9.41%	2.867%
37	15.051	1175	1178	1180	rVV	102510	128838	1.54%	0.468%
38	15.234	1191	1194	1196	rVV	194056	295971	3.53%	1.075%
39	15.280	1196	1198	1201	rVV	237296	374361	4.46%	1.360%
40	15.348	1201	1204	1212	rVB	693843	971579	11.58%	3.529%
41	16.537	1305	1308	1315	rVB4	38082	106141	1.27%	0.386%
42	16.686	1318	1321	1325	rVB2	135299	258839	3.09%	0.940%
43	17.086	1353	1356	1362	rVB	104345	209193	2.49%	0.760%
44	17.303	1373	1375	1384	rVB2	32294	88019	1.05%	0.320%
45	19.154	1534	1537	1544	rVB2	36001	121213	1.44%	0.440%

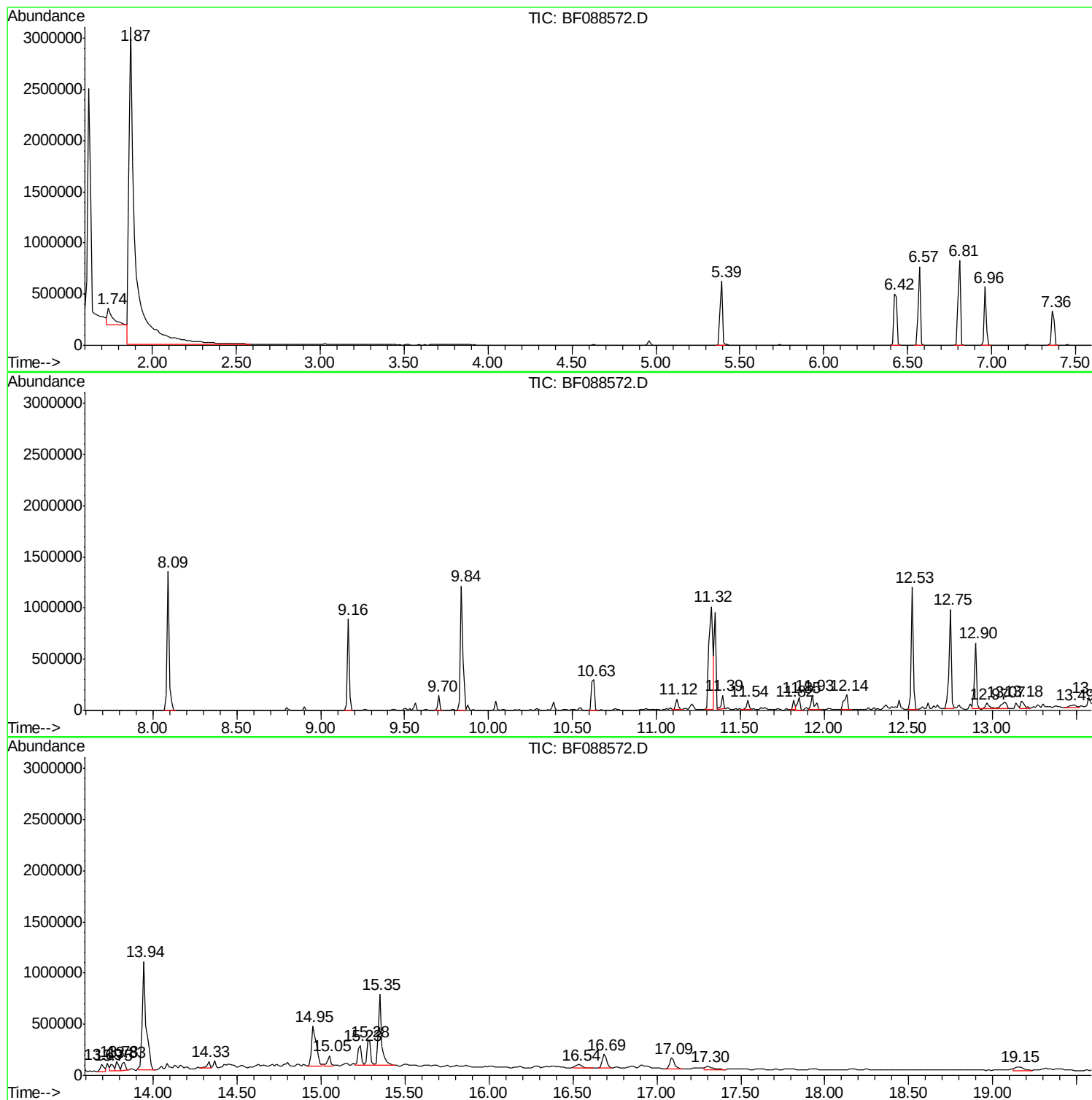
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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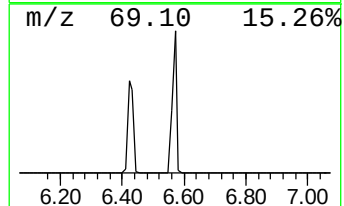
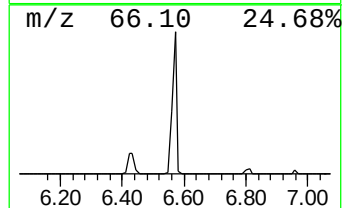
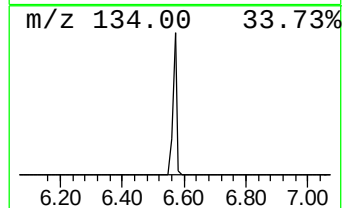
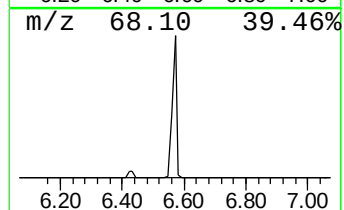
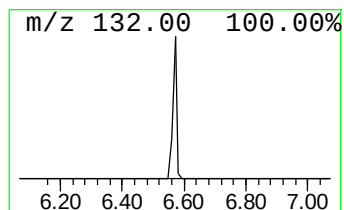
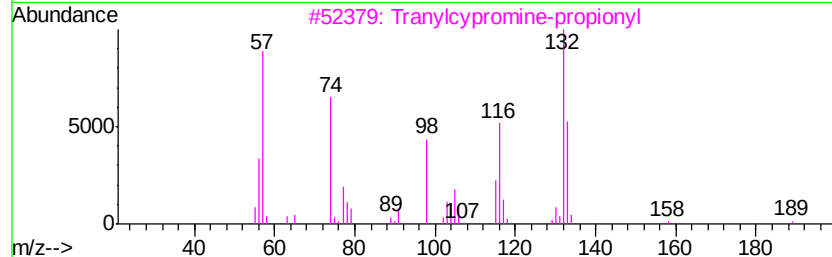
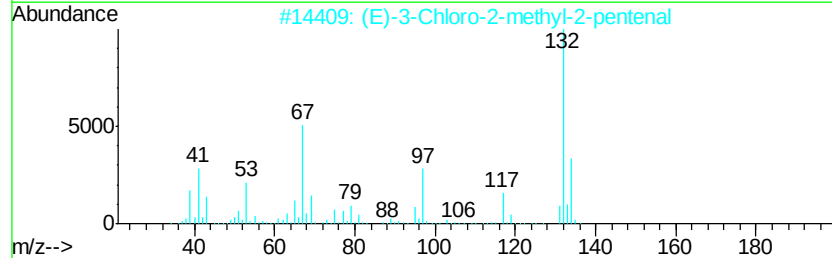
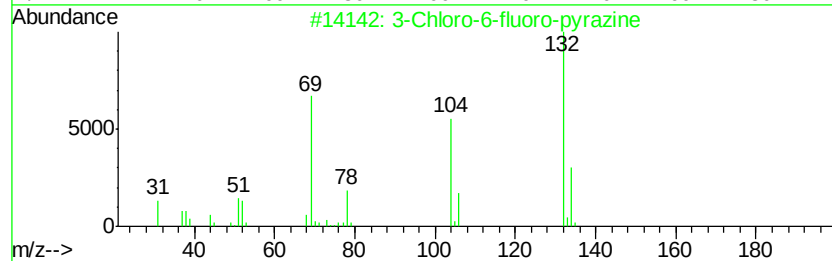
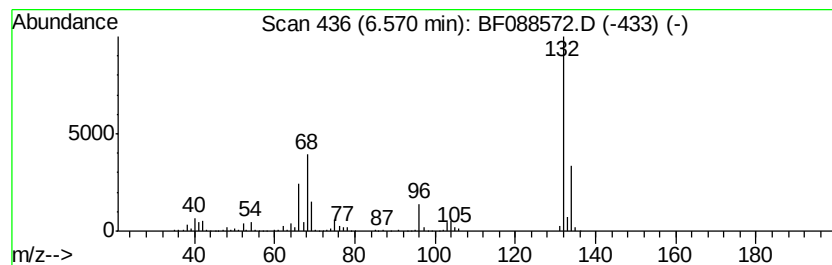
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	16.56 ng	733604	1,4-Dichlorobenzene-d4	6.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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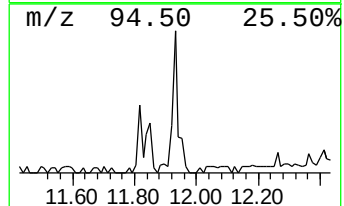
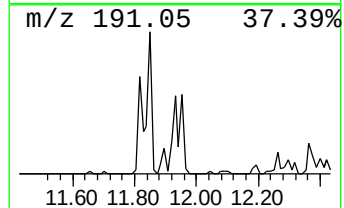
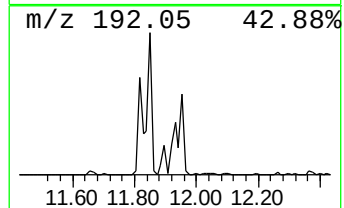
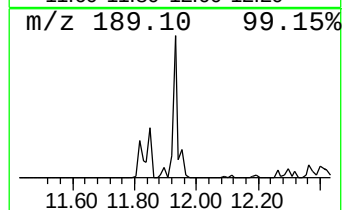
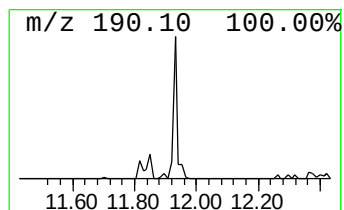
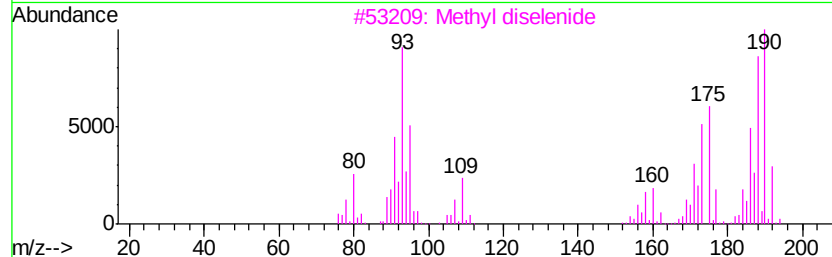
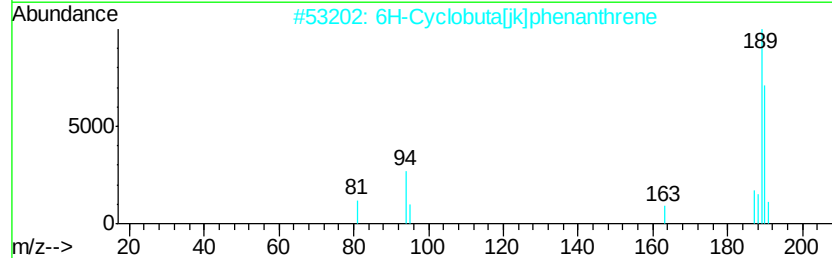
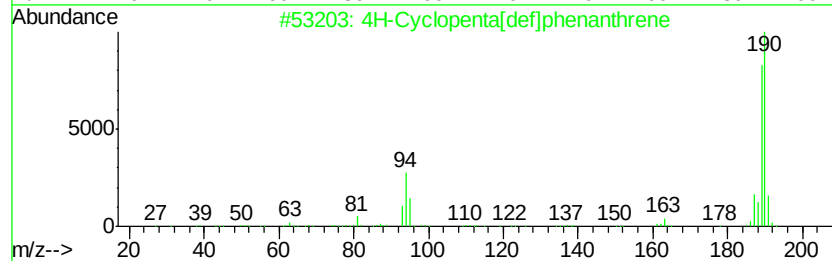
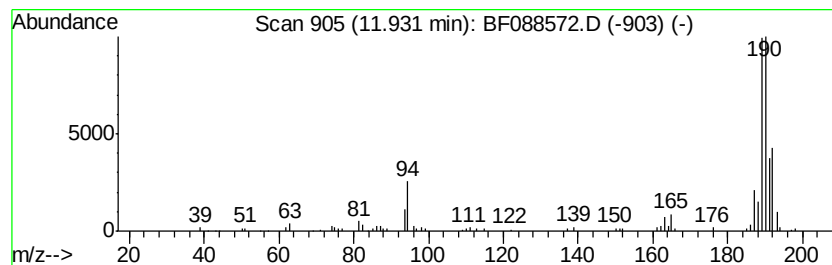
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Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.64 ng	197036	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3		Methyl diselenide	190	C2H6Se2	007101-31-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17



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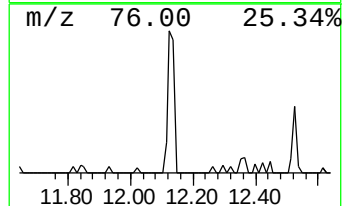
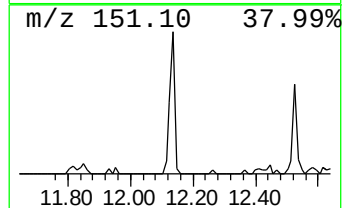
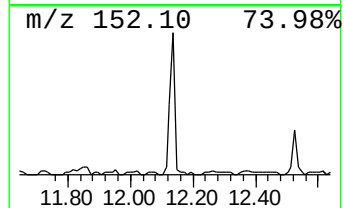
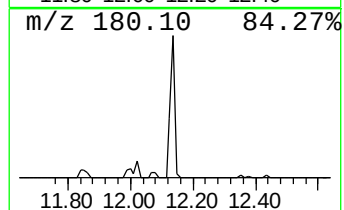
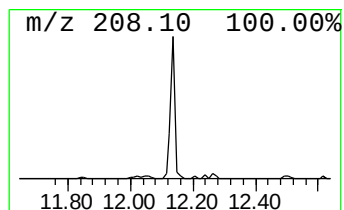
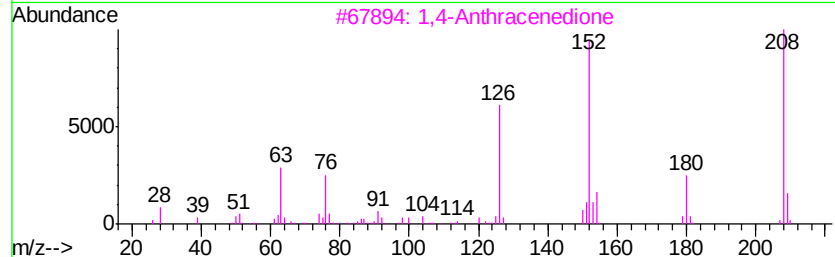
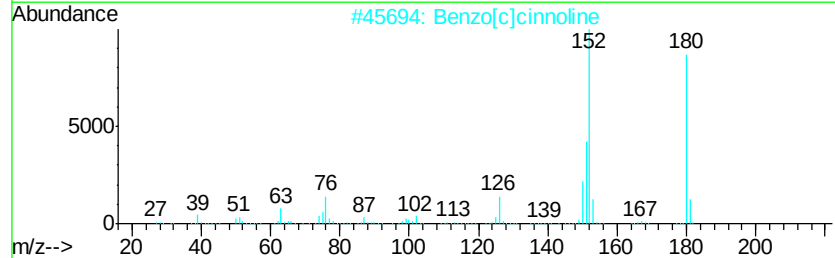
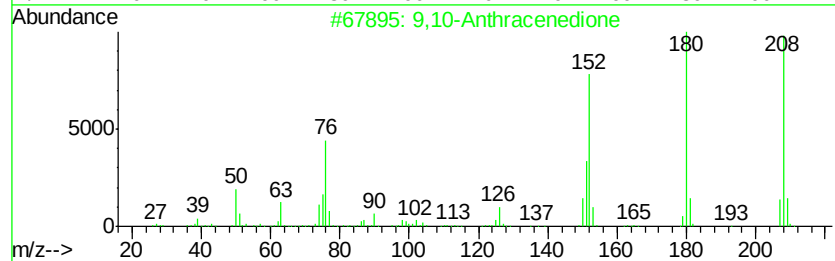
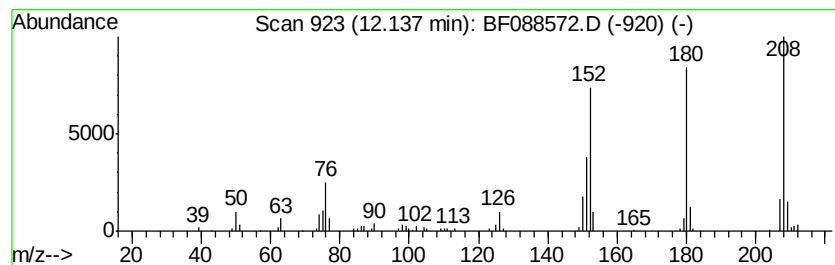
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	3.07 ng	228773	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3		1,4-Anthracenedione	208	C14H8O2	000635-12-1	70
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64



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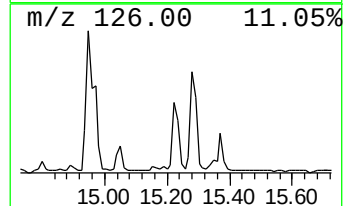
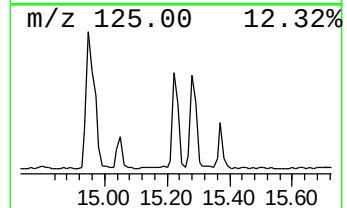
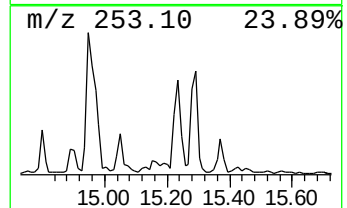
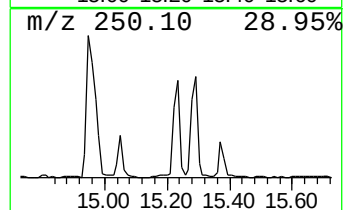
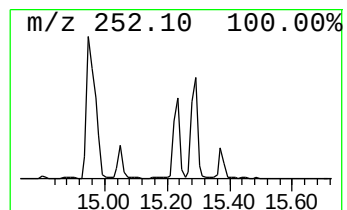
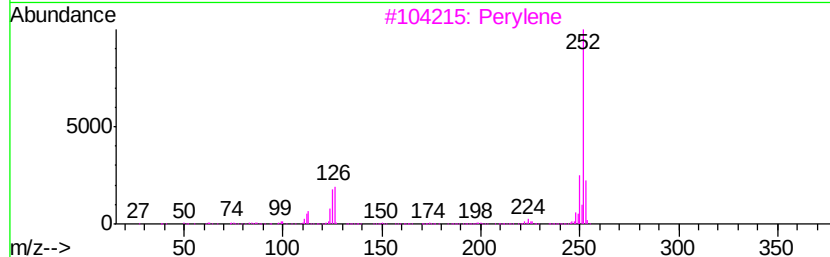
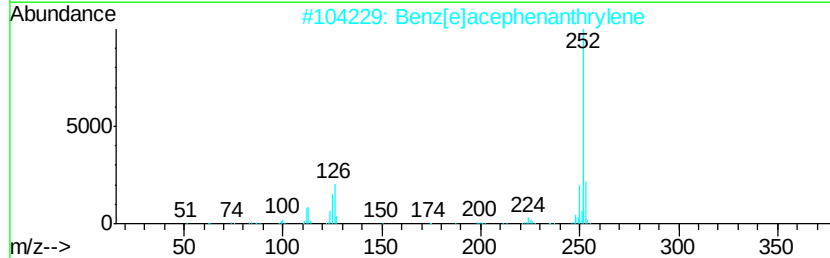
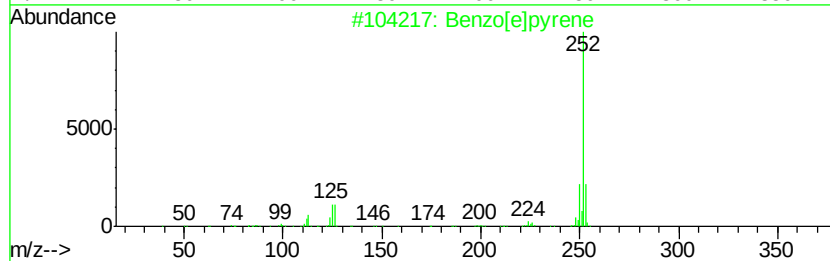
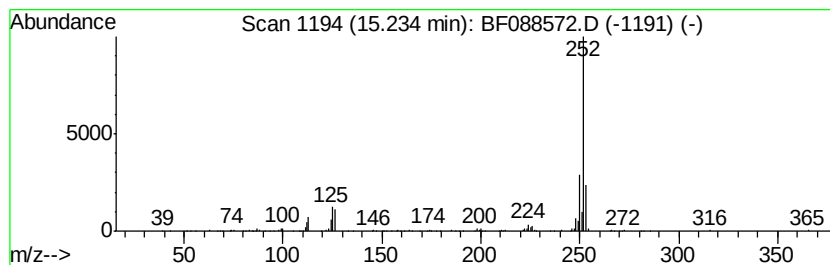
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TIC Library : C:\Database\NIST11.L
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Peak Number 8 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.09 ng	295971	Perylene-d12	15.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	91



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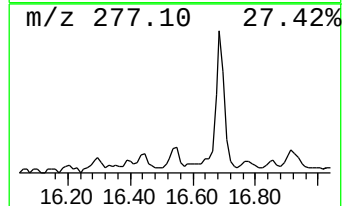
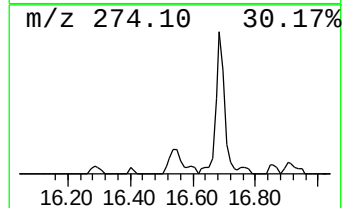
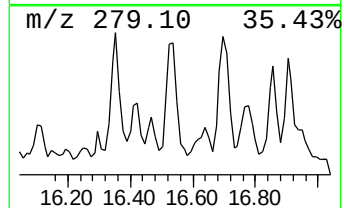
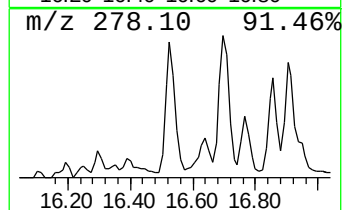
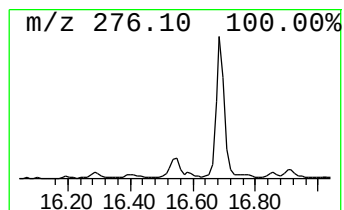
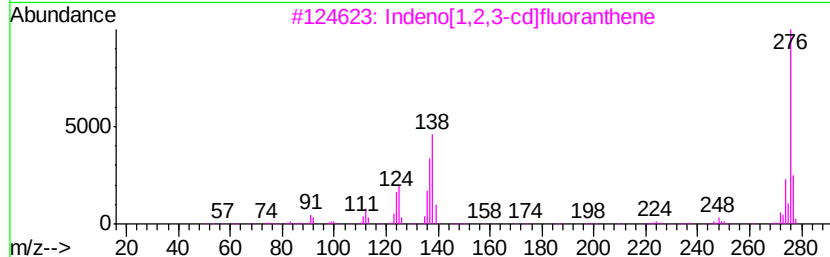
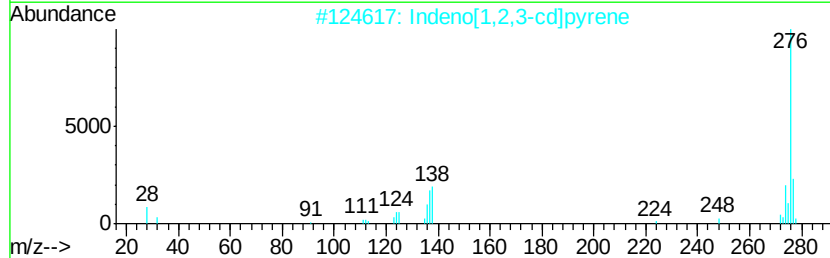
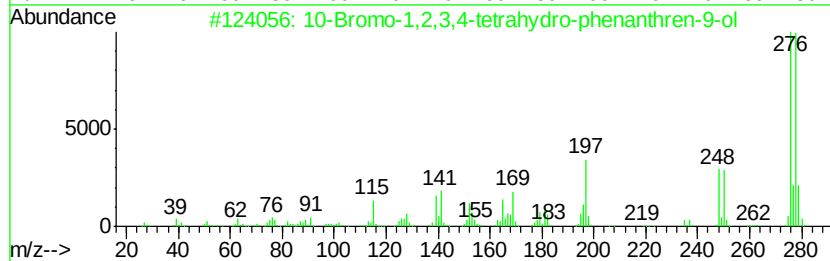
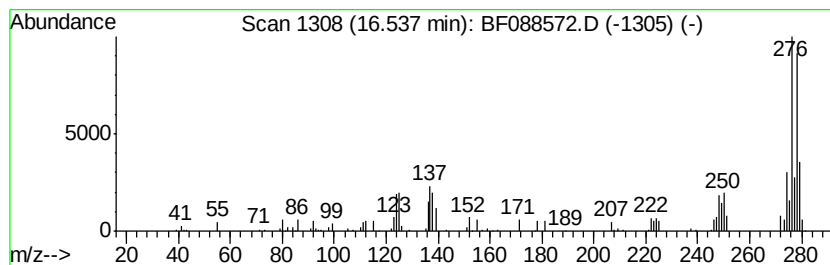
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Peak Number 9 10-Bromo-1,2,3,4-tetrahydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.54	2.18 ng	106141	Perylene-d12	15.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Bromo-1,2,3,4-tetrahydro-phen...	276	C14H13Br0	1000190-54-9	64	
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46	
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	42	
4	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	41	
5	Benzo[ghi]perylene	276	C22H12	000191-24-2	41	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088572.D
Acq On : 1 Jul 2016 13:52
Operator : UM/SJ
Sample : H3808-19 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

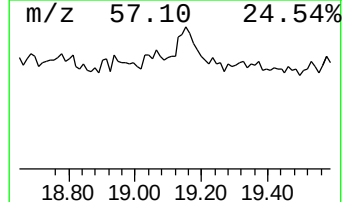
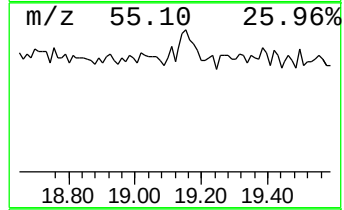
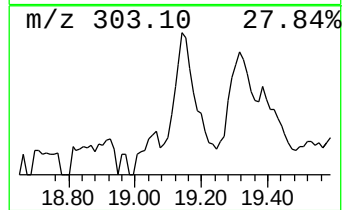
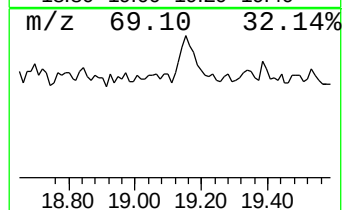
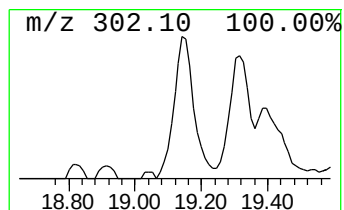
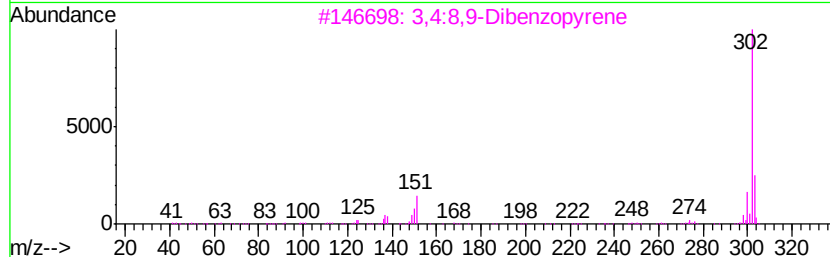
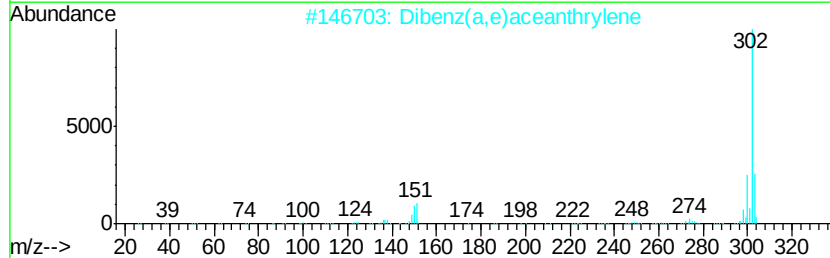
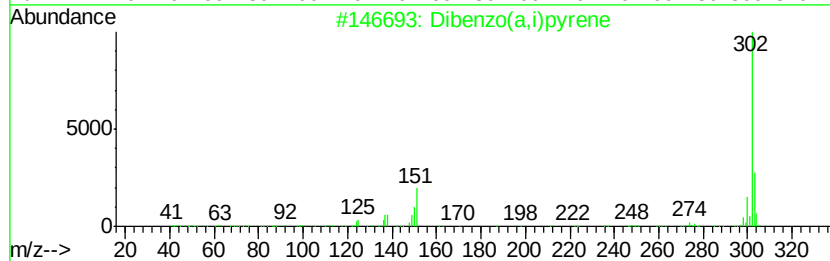
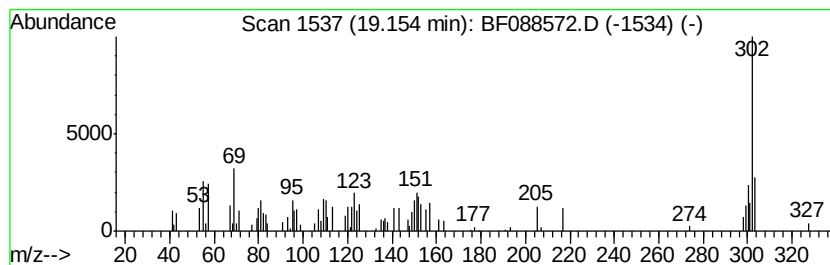
Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzo(a,i)pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.15	2.50 ng	121213	Perylene-d12	15.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	64
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	64
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	64
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	58
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088572.D
Acq On : 1 Jul 2016 13:52
Operator : UM/SJ
Sample : H3808-19 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.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
unknown6.57	6.57	16.6	ng	733604	1	6.81	885863	20.0
4H-Cyclopenta[def...	11.93	2.6	ng	197036	4	11.32	1491580	20.0
9,10-Anthracenedione	12.14	3.1	ng	228773	4	11.32	1491580	20.0
Benzo[e]pyrene	15.23	6.1	ng	295971	6	15.35	971579	20.0
10-Bromo-1,2,3,4-...	16.54	2.2	ng	106141	6	15.35	971579	20.0
Dibenzo(a,i)pyrene	19.15	2.5	ng	121213	6	15.35	971579	20.0