

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089196.D
 Acq On : 22 Jul 2016 14:41
 Operator : UM/SJ
 Sample : H4150-01 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

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-BF072016.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	1.724	10	12	55	rVB	1088756	2289348	100.00%	23.135%
2	5.176	312	314	330	rBV	23850	66363	2.90%	0.671%
3	6.250	406	408	416	rBV	34953	87247	3.81%	0.882%
4	6.353	416	417	429	rVB	70685	105101	4.59%	1.062%
5	6.593	436	438	449	rBV	200882	297455	12.99%	3.006%
6	6.742	449	451	464	rVB	70557	80280	3.51%	0.811%
7	7.165	486	488	501	rBB	28187	59334	2.59%	0.600%
8	7.873	548	550	568	rBV	449913	451840	19.74%	4.566%
9	8.948	642	644	652	rBB	111328	101924	4.45%	1.030%
10	9.348	677	679	682	rBV	41162	35103	1.53%	0.355%
11	9.622	700	703	704	rBV	333952	426662	18.64%	4.312%
12	9.645	704	705	708	rVB	60181	60150	2.63%	0.608%
13	10.159	748	750	753	rVB	36870	33776	1.48%	0.341%
14	10.399	769	771	774	rBV	61094	61487	2.69%	0.621%
15	10.982	821	822	826	rVB2	18726	25006	1.09%	0.253%
16	11.119	832	834	836	rVB	449917	509125	22.24%	5.145%
17	11.165	836	838	840	rVB	93286	84721	3.70%	0.856%
18	11.325	850	852	856	rBV2	13668	22948	1.00%	0.232%
19	11.588	873	875	876	rBV	62378	55829	2.44%	0.564%
20	11.622	876	878	880	rVV	63340	74775	3.27%	0.756%
21	11.668	880	882	883	rVV	24748	24066	1.05%	0.243%
22	11.702	883	885	890	rVB2	76703	139373	6.09%	1.408%
23	11.885	899	901	902	rBV	45605	38530	1.68%	0.389%
24	11.908	902	903	906	rVB	23422	24917	1.09%	0.252%
25	12.136	921	923	924	rBV	36298	35483	1.55%	0.359%
26	12.171	924	926	929	rVB2	20402	33763	1.47%	0.341%
27	12.216	929	930	935	rVB	24375	37508	1.64%	0.379%
28	12.296	935	937	939	rBV	651346	633919	27.69%	6.406%
29	12.434	947	949	952	rBV2	14588	24051	1.05%	0.243%
30	12.514	954	956	959	rVV	431711	641715	28.03%	6.485%
31	12.571	959	961	965	rVV2	22507	33156	1.45%	0.335%
32	12.674	965	970	973	rVB2	61594	101281	4.42%	1.023%
33	12.742	973	976	981	rBV3	30645	56133	2.45%	0.567%
34	12.845	981	985	987	rVB2	42828	74027	3.23%	0.748%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089196.D
 Acq On : 22 Jul 2016 14:41
 Operator : UM/SJ
 Sample : H4150-01 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-1

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-BF072016.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.948	992	994	998	rVV2	56687	70302	3.07%	0.710%
36	13.039	1000	1002	1003	rVV	28681	25984	1.13%	0.263%
37	13.074	1003	1005	1009	rVB2	24114	31123	1.36%	0.315%
38	13.268	1016	1022	1026	rBV2	12703	35581	1.55%	0.360%
39	13.348	1026	1029	1033	rBV2	27467	46089	2.01%	0.466%
40	13.462	1036	1039	1040	rBV	31944	39376	1.72%	0.398%
41	13.485	1040	1041	1042	rVV	34513	32913	1.44%	0.333%
42	13.565	1046	1048	1050	rVB	24777	29244	1.28%	0.296%
43	13.714	1057	1061	1067	rBV2	365907	834912	36.47%	8.437%
44	13.817	1067	1070	1071	rVV	23498	28279	1.24%	0.286%
45	13.919	1073	1079	1080	rBV3	11631	25189	1.10%	0.255%
46	14.091	1092	1094	1096	rBV	31954	42599	1.86%	0.430%
47	14.182	1099	1102	1104	rBV4	15648	25936	1.13%	0.262%
48	14.217	1104	1105	1109	rVV	16616	27357	1.19%	0.276%
49	14.400	1119	1121	1126	rBV3	15873	29091	1.27%	0.294%
50	14.560	1132	1135	1139	rBV3	16543	33599	1.47%	0.340%
51	14.697	1145	1147	1152	rBV	227404	421869	18.43%	4.263%
52	14.788	1153	1155	1157	rVV	41745	41906	1.83%	0.423%
53	14.948	1167	1169	1172	rVV	137996	168164	7.35%	1.699%
54	15.005	1172	1174	1176	rVV	190334	227630	9.94%	2.300%
55	15.062	1176	1179	1185	rVB2	203977	397113	17.35%	4.013%
56	16.137	1268	1273	1279	rBV4	12918	49390	2.16%	0.499%
57	16.274	1282	1285	1289	rVV	80831	147218	6.43%	1.488%
58	16.423	1295	1298	1300	rBV	14921	30286	1.32%	0.306%
59	16.640	1311	1317	1324	rBV	63719	142380	6.22%	1.439%
60	16.834	1331	1334	1339	rVB	12276	27534	1.20%	0.278%
61	18.491	1474	1479	1484	rBV	10277	34788	1.52%	0.352%
62	18.651	1487	1493	1495	rBV3	6167	23308	1.02%	0.236%

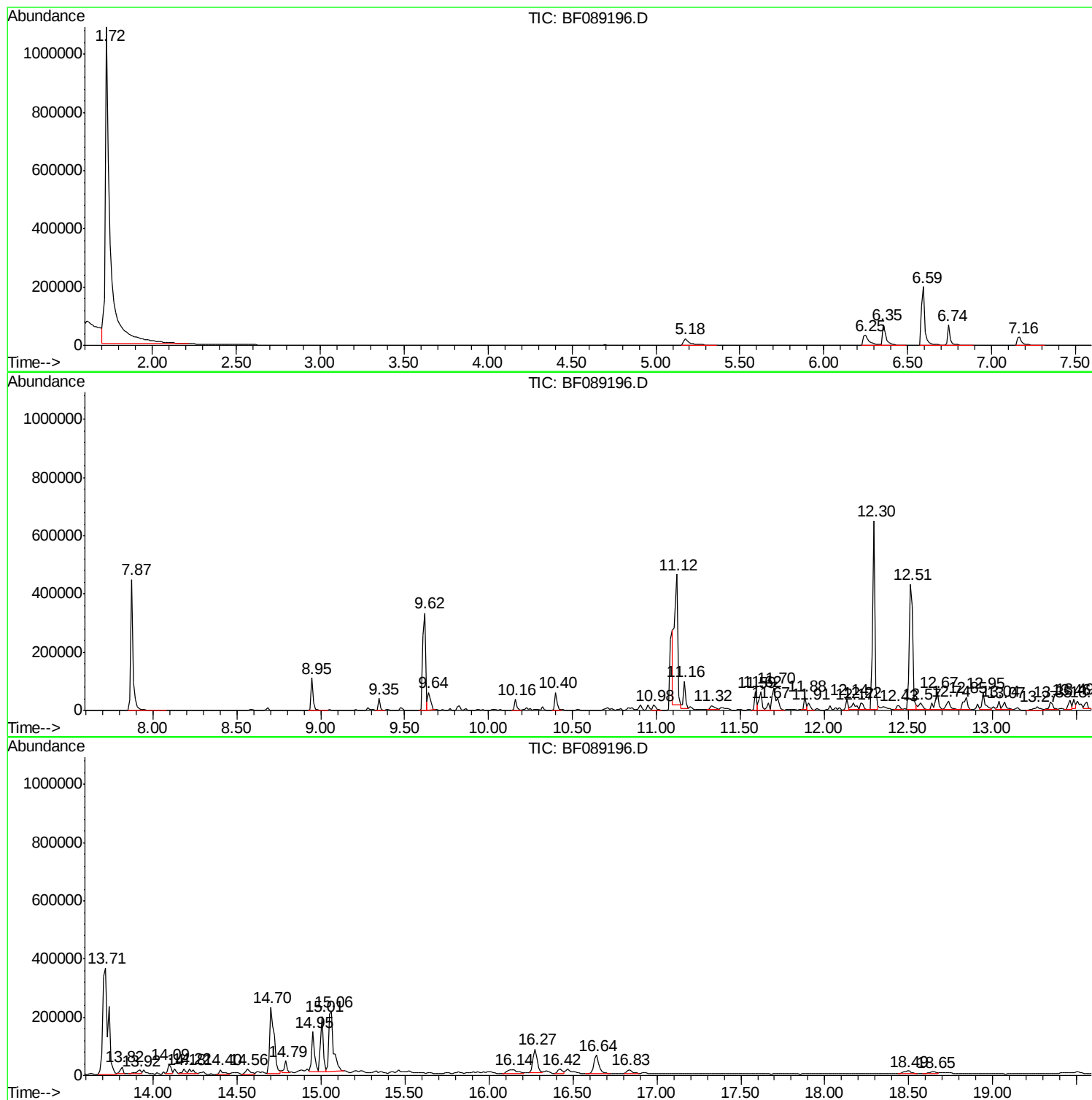
Sum of corrected areas: 9895556

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

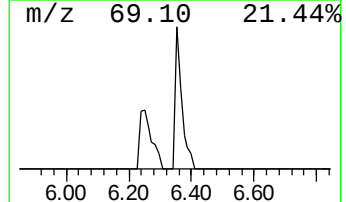
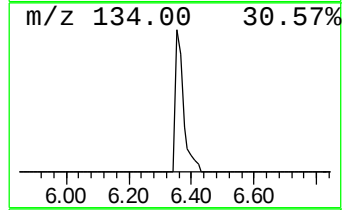
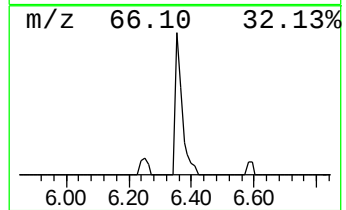
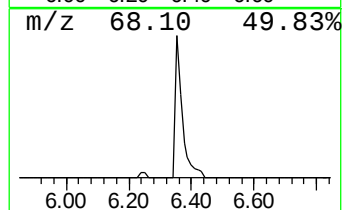
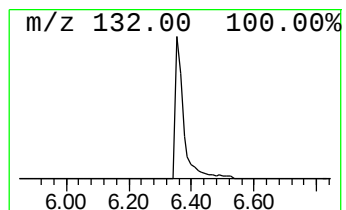
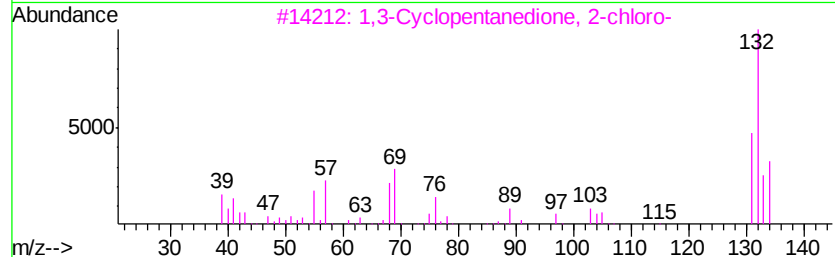
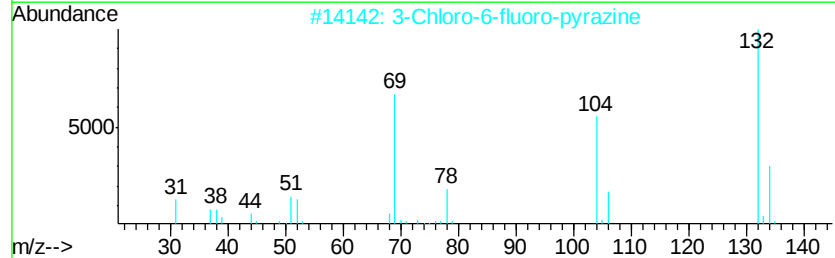
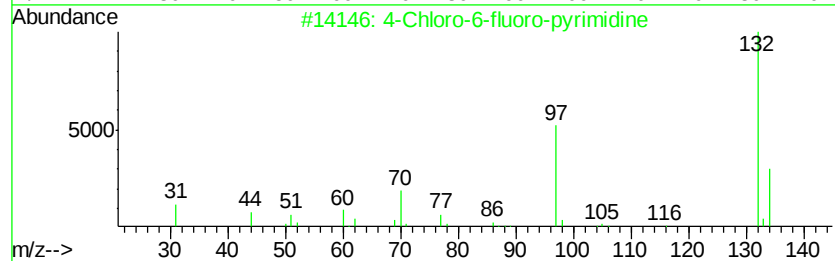
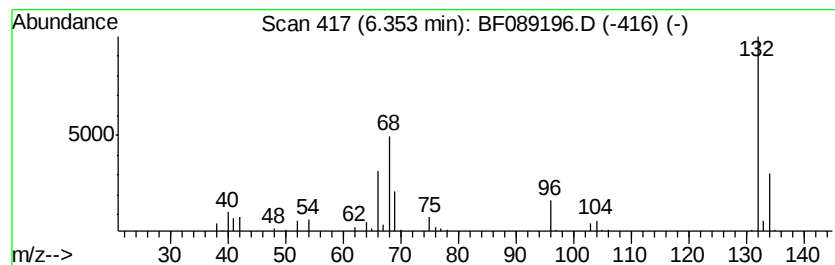
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.35 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	7.07 ng	105101	1,4-Dichlorobenzene-d4	6.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

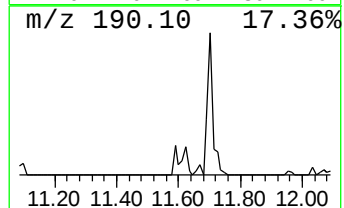
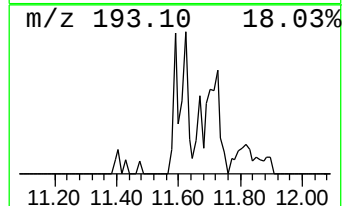
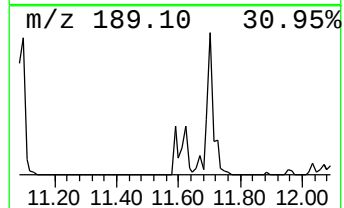
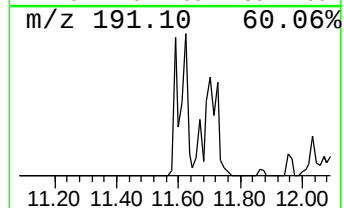
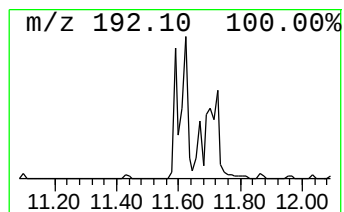
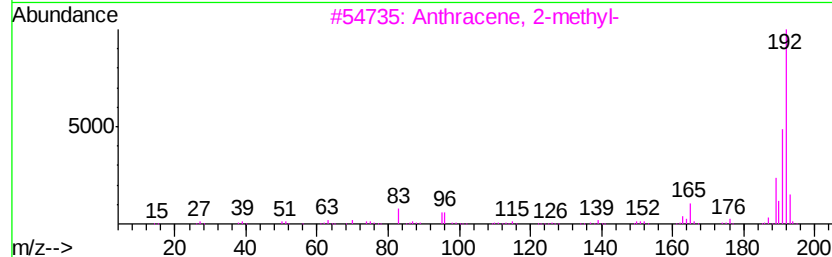
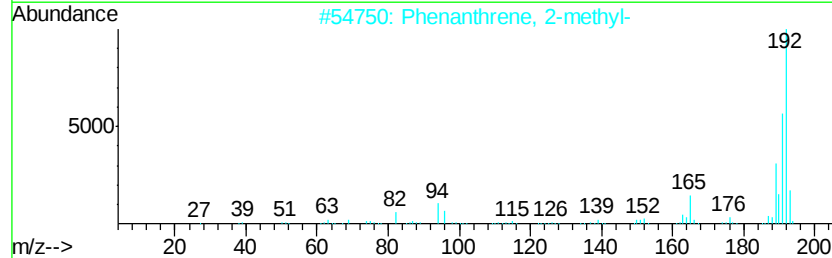
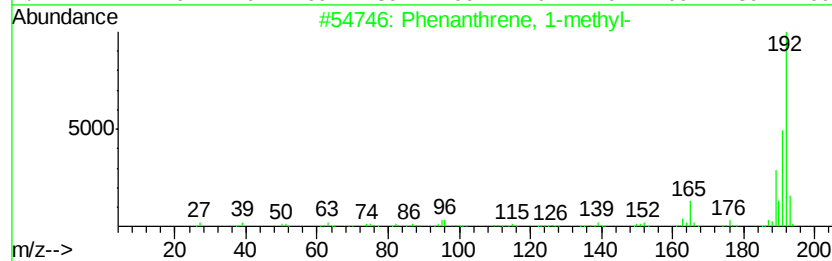
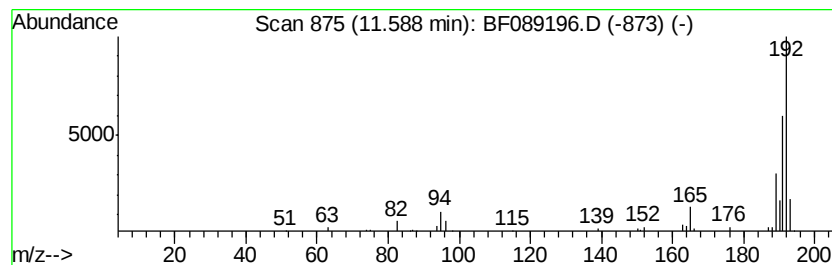
Instrument :
BNA_F
ClientSampleId :
TS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.59	2.19 ng	55829	Phenanthrene-d10		11.10
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

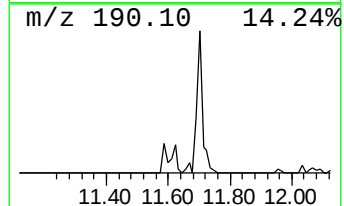
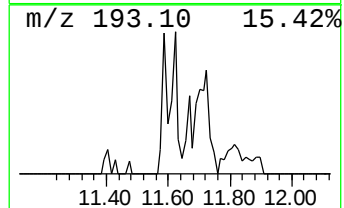
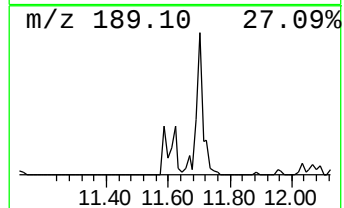
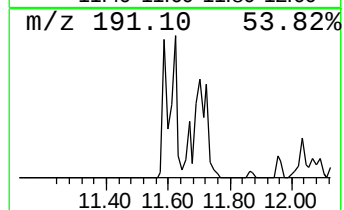
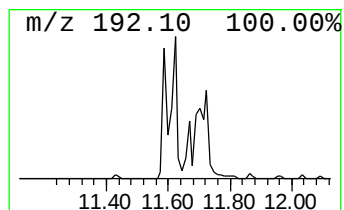
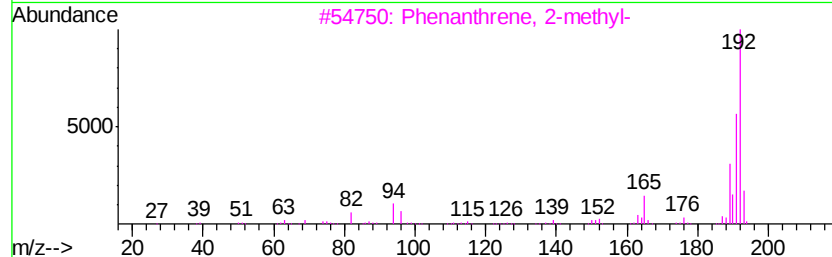
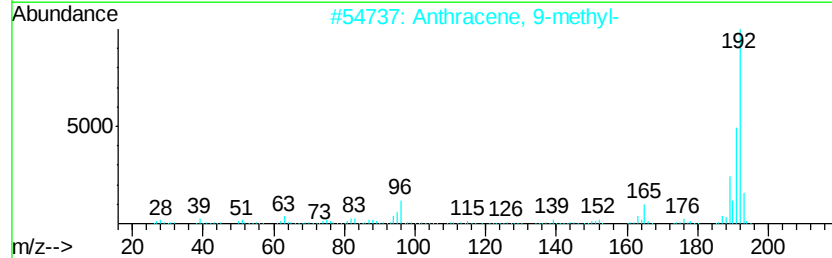
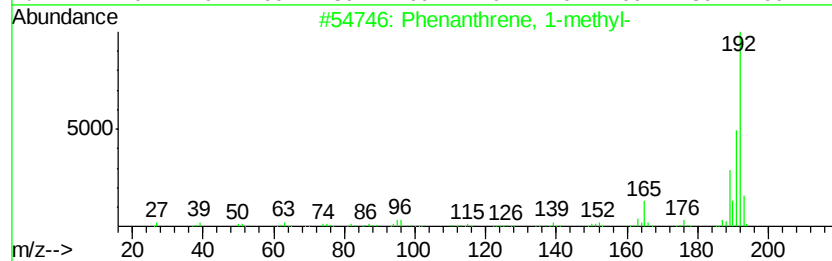
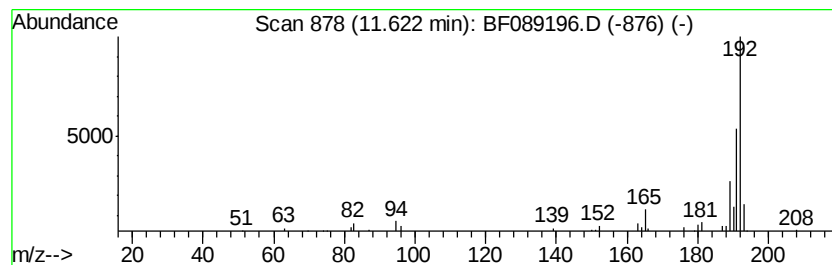
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	2.94 ng	74775	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

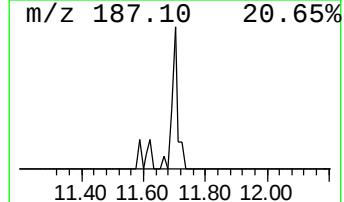
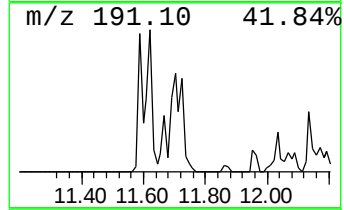
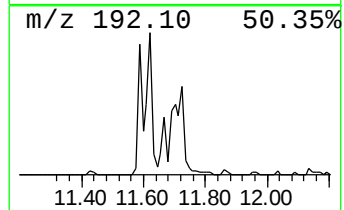
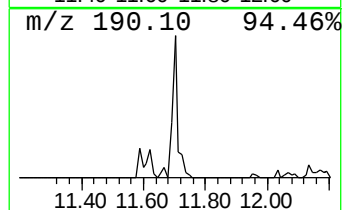
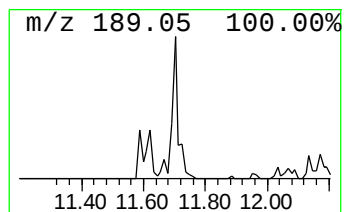
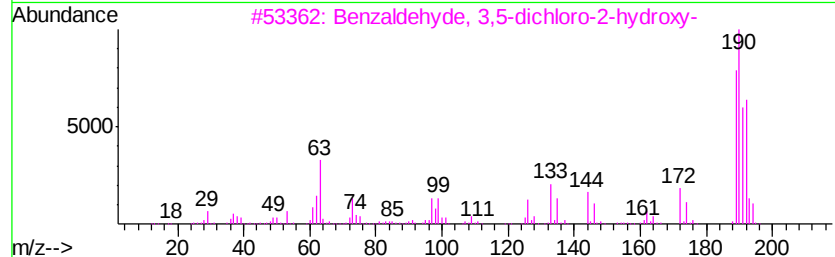
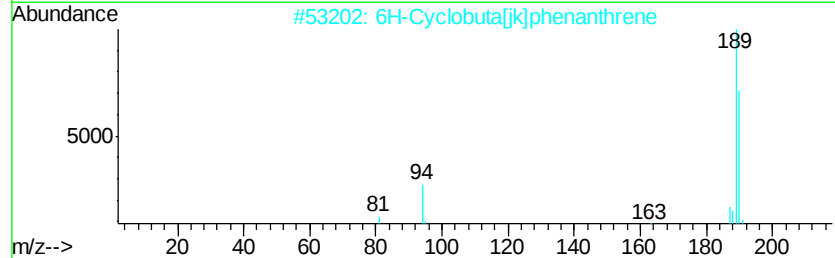
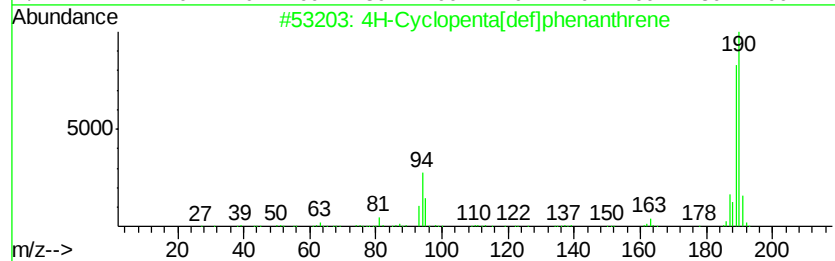
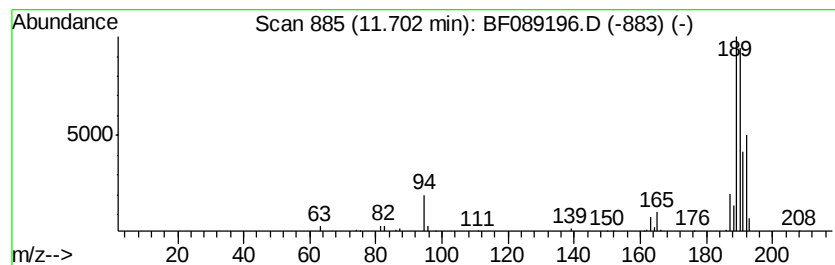
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.48 ng	139373	Phenanthrene-d10	11.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		Methyl diselenide	190	C2H6Se2	007101-31-7	41
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
Data File : BF089196.D
Acq On : 22 Jul 2016 14:41
Operator : UM/SJ
Sample : H4150-01 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TS-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
unknown6.35	6.35	7.1	ng	105101	1	6.59	297455	20.0
Phenanthrene, 1-m...	11.59	2.2	ng	55829	4	11.10	509125	20.0
Anthracene, 9-met...	11.62	2.9	ng	74775	4	11.10	509125	20.0
4H-Cyclopenta[def...	11.70	5.5	ng	139373	4	11.10	509125	20.0