

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086503.D
 Acq On : 29 Apr 2016 20:27
 Operator : UM/SJ
 Sample : H2757-02 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2(1-2)

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-BF042716.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	4.933	246	249	253	rBV	19349	26512	1.20%	0.131%
2	5.356	284	286	297	rBV	333205	363142	16.38%	1.792%
3	6.407	376	378	385	rBV	327636	394426	17.79%	1.946%
4	6.533	387	389	392	rBV	263322	393974	17.77%	1.944%
5	6.773	408	410	420	rBV	993058	1031807	46.54%	5.090%
6	6.933	421	424	426	rBV	310963	326430	14.72%	1.610%
7	7.333	457	459	466	rBV	122359	221992	10.01%	1.095%
8	8.064	520	523	525	rBV	1414972	1315574	59.34%	6.490%
9	9.139	615	617	619	rBV	574869	485741	21.91%	2.396%
10	9.470	644	646	650	rVV2	19217	44998	2.03%	0.222%
11	9.539	650	652	654	rVV	57155	68713	3.10%	0.339%
12	9.596	654	657	661	rVB2	11205	22801	1.03%	0.112%
13	9.756	670	671	674	rBV	30097	28180	1.27%	0.139%
14	9.813	674	676	678	rVV	1436212	1338181	60.36%	6.602%
15	9.847	678	679	681	rVV	121281	101924	4.60%	0.503%
16	10.019	692	694	696	rVV	39419	39099	1.76%	0.193%
17	10.053	696	697	701	rVB2	13186	22474	1.01%	0.111%
18	10.225	710	712	713	rBV	22063	27964	1.26%	0.138%
19	10.259	713	715	717	rVB	21798	25430	1.15%	0.125%
20	10.362	722	724	727	rVB	47612	55154	2.49%	0.272%
21	10.419	727	729	732	rBV3	15257	47039	2.12%	0.232%
22	10.522	736	738	740	rVB2	23290	32660	1.47%	0.161%
23	10.602	742	745	747	rBV	203032	242077	10.92%	1.194%
24	10.727	753	756	759	rVB	62974	76051	3.43%	0.375%
25	10.796	760	762	769	rBV5	7539	27662	1.25%	0.136%
26	10.910	769	772	773	rBV2	25367	35904	1.62%	0.177%
27	11.059	780	785	787	rBV3	27813	71132	3.21%	0.351%
28	11.105	787	789	791	rVB	18938	23521	1.06%	0.116%
29	11.150	791	793	794	rBV	25103	33556	1.51%	0.166%
30	11.173	794	795	796	rBV	33506	30034	1.35%	0.148%
31	11.299	803	806	810	rBV2	909798	1823781	82.26%	8.997%
32	11.368	810	812	814	rVB	155897	164837	7.43%	0.813%
33	11.550	825	828	830	rBV2	24029	46358	2.09%	0.229%
34	11.596	830	832	833	rVV	44646	43355	1.96%	0.214%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
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 Max Peaks: 100
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 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.619	833	834	839	rVB3	16991	29674	1.34%	0.146%
36	11.790	847	849	851	rBV	70575	124003	5.59%	0.612%
37	11.825	851	852	854	rVB	131206	105253	4.75%	0.519%
38	11.870	854	856	857	rBV2	61057	55887	2.52%	0.276%
39	11.905	857	859	864	rVB	194420	298165	13.45%	1.471%
40	12.088	873	875	876	rBV2	57028	63951	2.88%	0.315%
41	12.236	885	888	890	rBV2	39152	70179	3.17%	0.346%
42	12.293	890	893	895	rVB2	31833	52635	2.37%	0.260%
43	12.339	895	897	899	rBV	82100	115579	5.21%	0.570%
44	12.385	899	901	903	rVB2	54119	92357	4.17%	0.456%
45	12.431	903	905	909	rVB2	63551	104234	4.70%	0.514%
46	12.499	909	911	914	rBV	988315	1151591	51.94%	5.681%
47	12.568	914	917	921	rVB3	34342	89589	4.04%	0.442%
48	12.648	921	924	928	rBV2	40441	118745	5.36%	0.586%
49	12.728	928	931	934	rBV	1058447	1256350	56.67%	6.198%
50	12.876	942	944	948	rVB	361179	404159	18.23%	1.994%
51	12.945	948	950	954	rBV4	85708	160294	7.23%	0.791%
52	13.059	956	960	962	rVB2	123507	215217	9.71%	1.062%
53	13.128	964	966	967	rBV2	61642	61700	2.78%	0.304%
54	13.162	967	969	970	rBV	147714	159739	7.20%	0.788%
55	13.253	975	977	978	rVV	93158	75473	3.40%	0.372%
56	13.288	978	980	982	rBV2	49958	66190	2.99%	0.327%
57	13.562	1002	1004	1007	rVB	69662	95903	4.33%	0.473%
58	13.676	1011	1014	1015	rBV2	71819	126432	5.70%	0.624%
59	13.768	1021	1022	1027	rVB2	64522	116500	5.25%	0.575%
60	13.928	1032	1036	1042	rBV2	1023401	2217141	100.00%	10.938%
61	14.031	1043	1045	1047	rVB	92138	89105	4.02%	0.440%
62	14.316	1067	1070	1071	rBV2	77987	110578	4.99%	0.546%
63	14.934	1121	1124	1129	rBV	444413	923222	41.64%	4.555%
64	15.208	1146	1148	1151	rVB	255938	338398	15.26%	1.669%
65	15.265	1151	1153	1156	rVV	315234	483174	21.79%	2.384%
66	15.322	1156	1158	1168	rVB2	455935	979871	44.20%	4.834%
67	15.974	1213	1215	1221	rVB2	76193	150668	6.80%	0.743%
68	16.374	1247	1250	1256	rVB3	89962	200670	9.05%	0.990%
69	16.671	1272	1276	1281	rVB2	119131	261009	11.77%	1.288%
70	17.071	1308	1311	1319	rVB	122936	273781	12.35%	1.351%

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ClientSampleId :
B2(1-2)

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-BF042716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

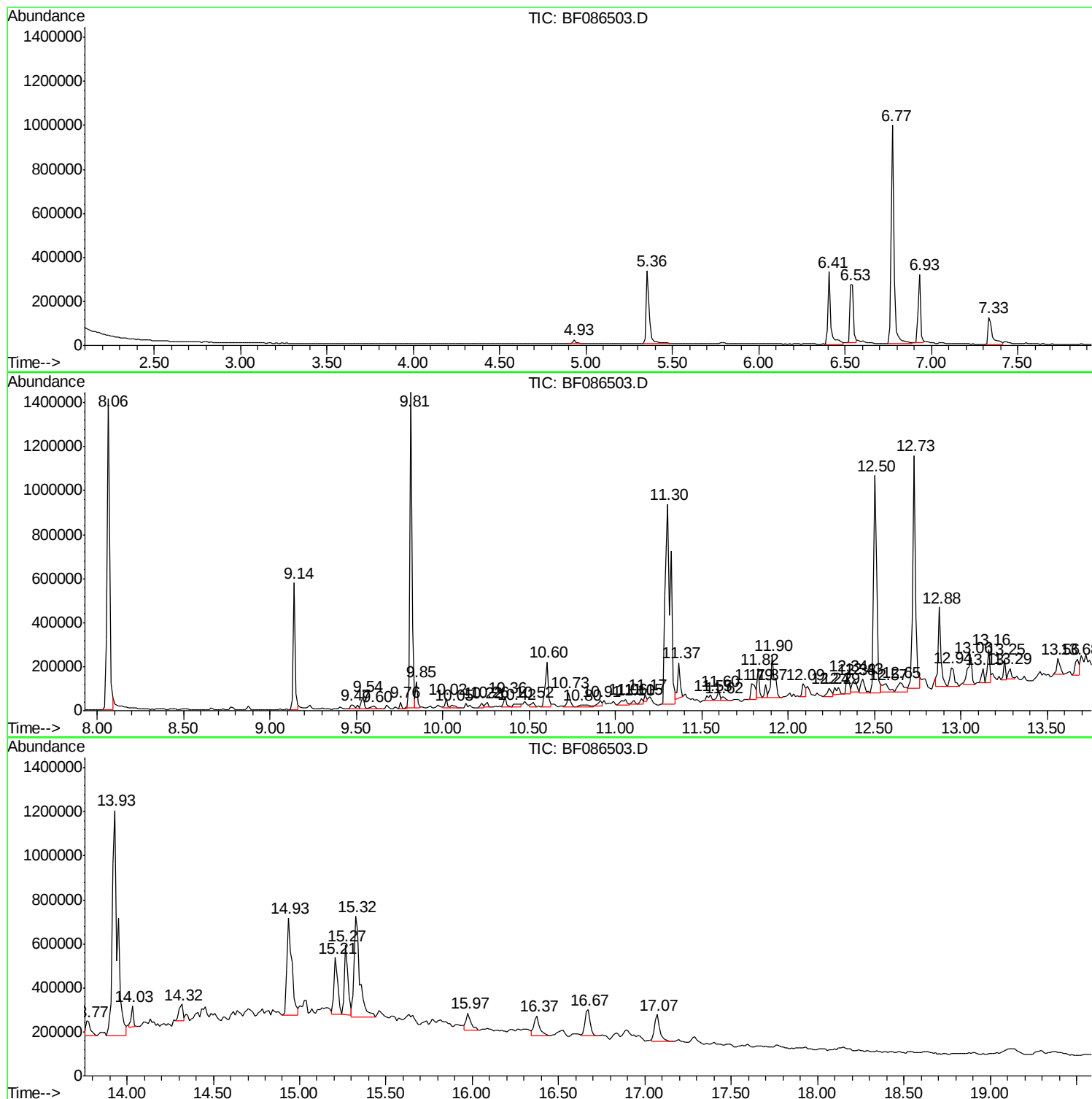
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H2757-02 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2(1-2)

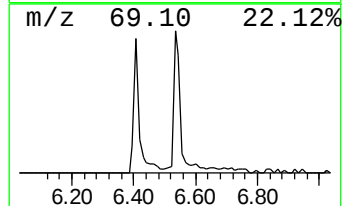
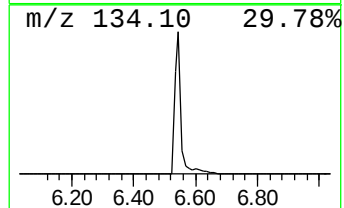
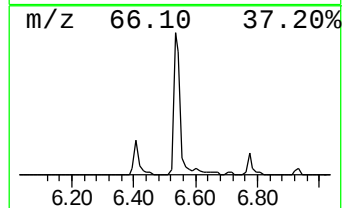
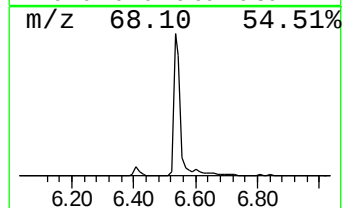
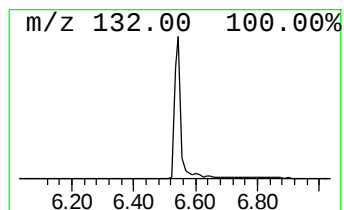
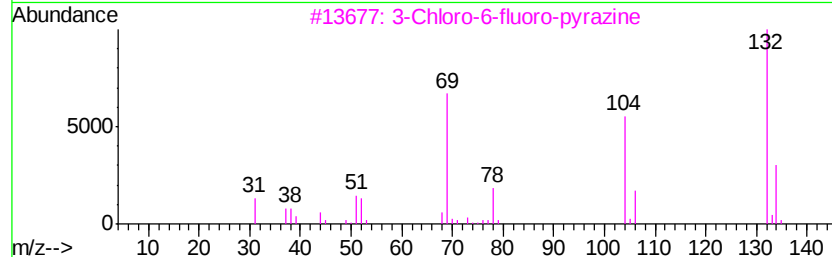
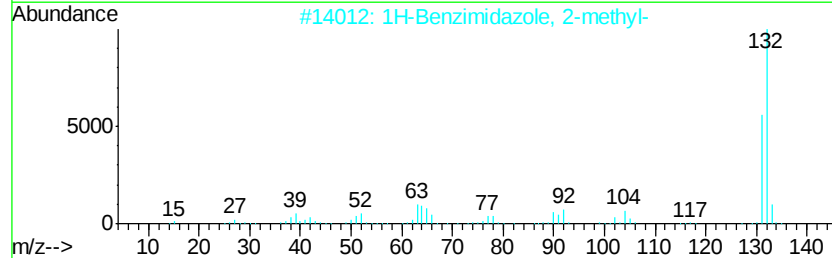
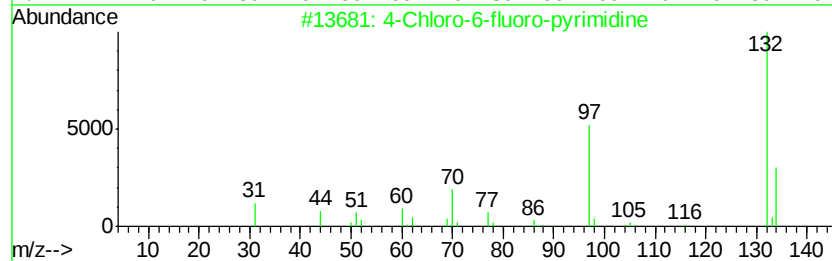
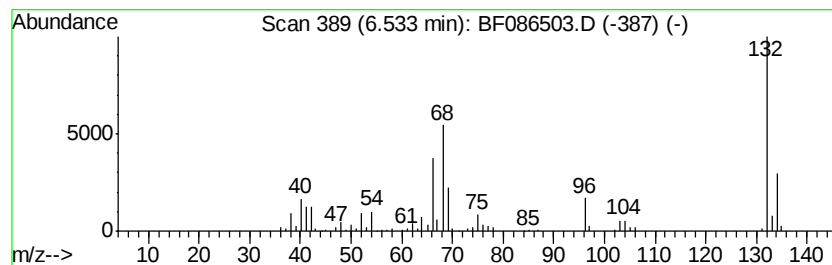
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	7.64 ng	393974	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5			(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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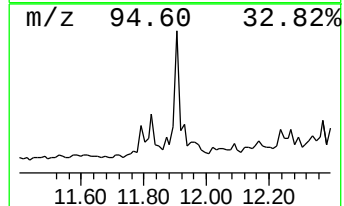
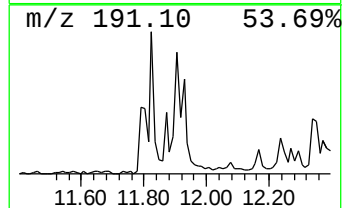
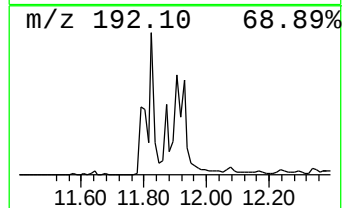
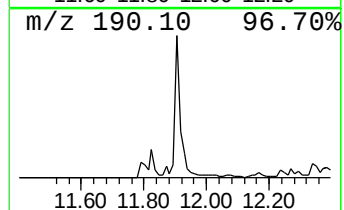
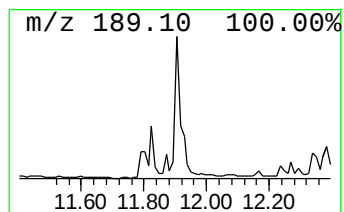
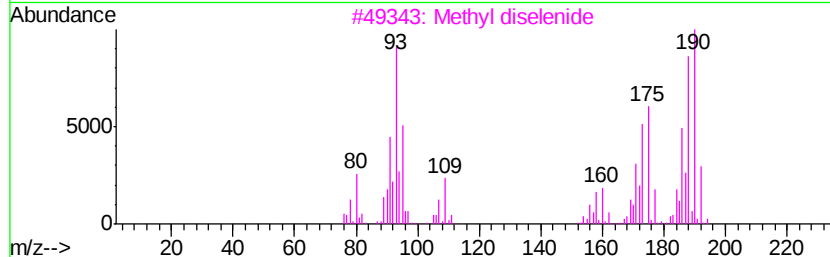
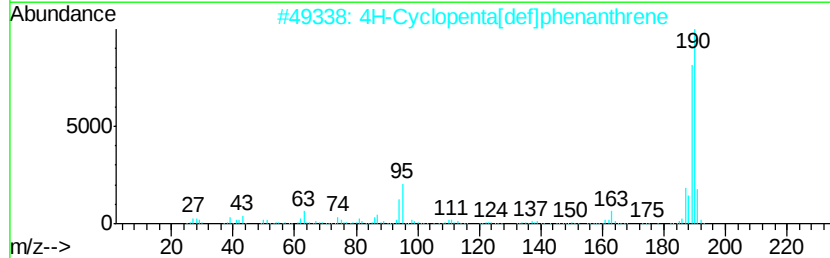
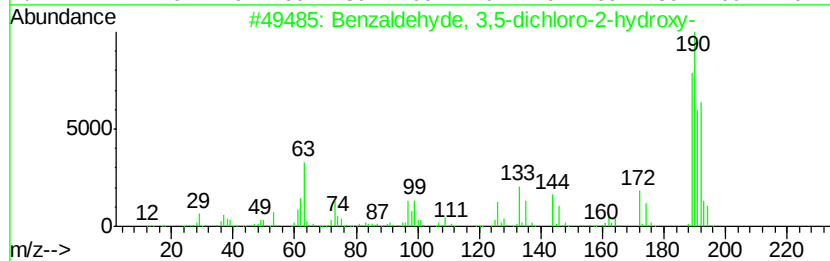
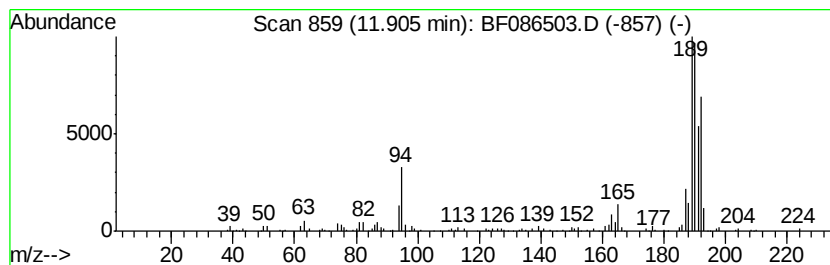
Instrument :
BNA_F
ClientSampleId :
B2(1-2)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	3.27 ng	298165	Phenanthrene-d10	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Methyl diselenide	190	C2H6Se2	007101-31-7	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35
5	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	35



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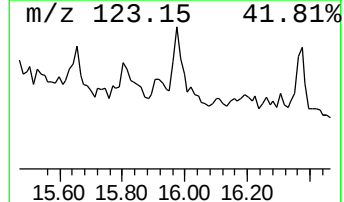
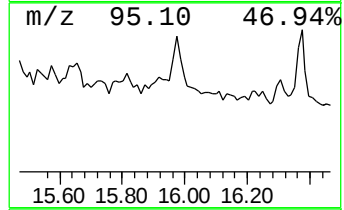
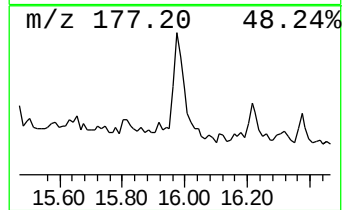
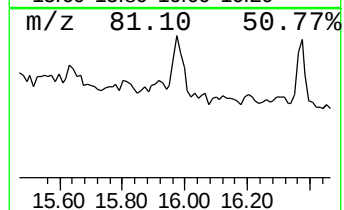
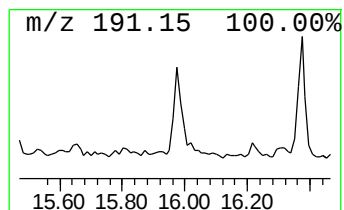
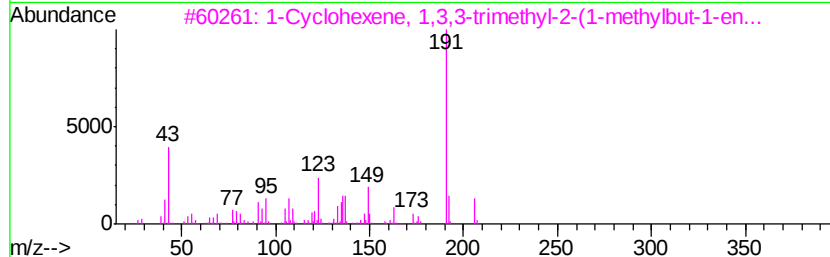
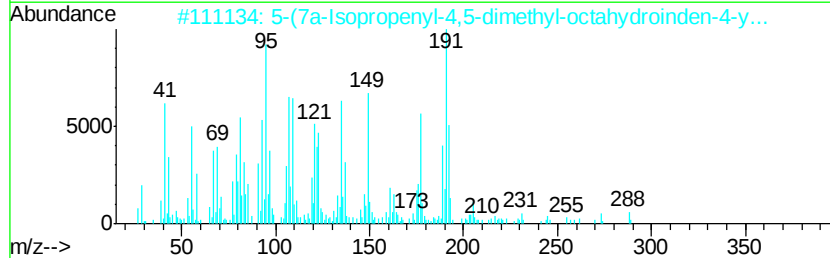
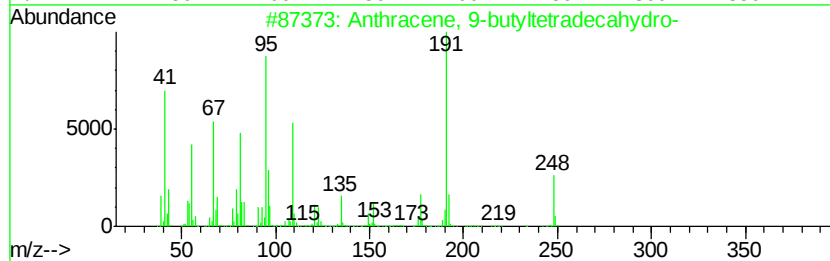
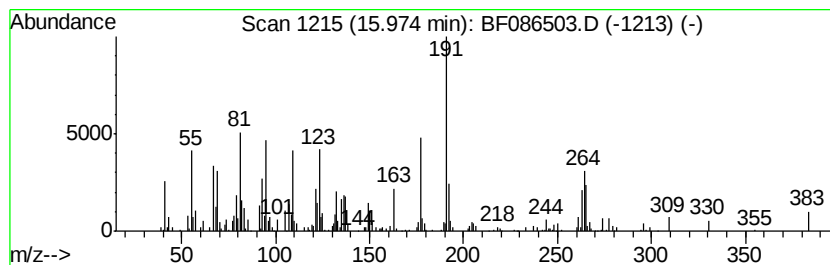
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown15.97 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	3.08 ng	150668	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-butyltetradeca-	248	C18H32	055133-89-6	43
2		5-(7a-Isopropenyl-4,5-dimethyl-o...	288	C20H32O	1000193-54-1	37
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
4		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	25
5		Anthracene, 9-dodecyltetradeca-	360	C26H48	055401-75-7	25



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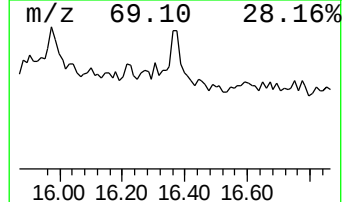
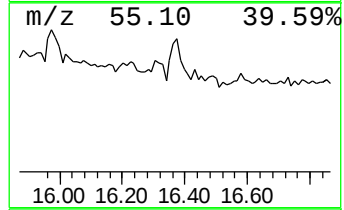
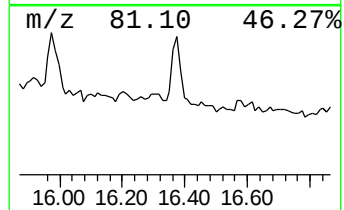
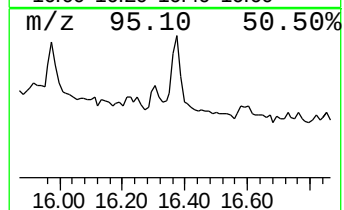
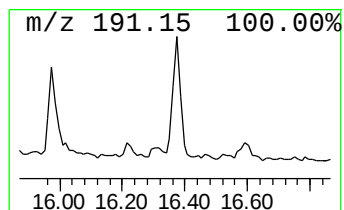
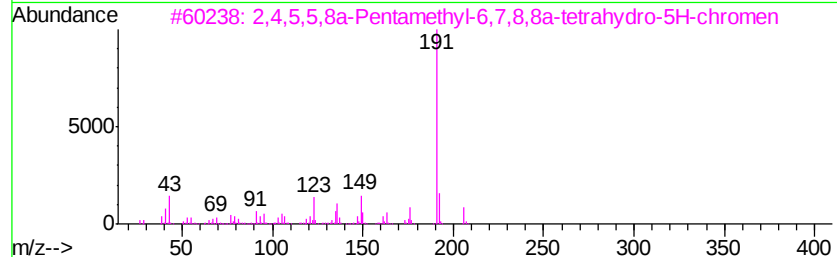
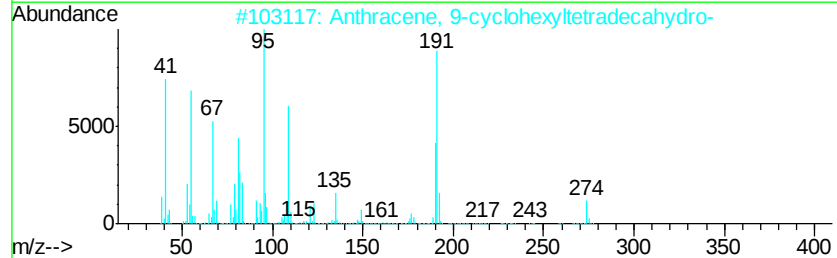
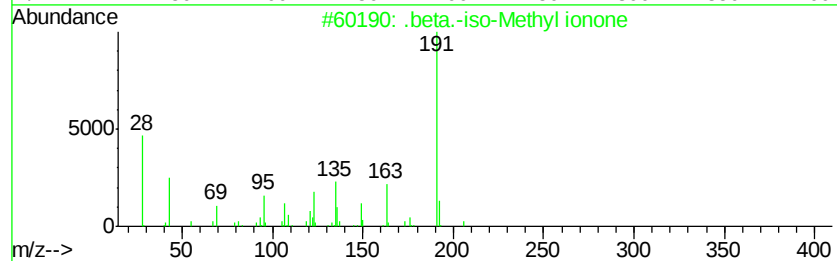
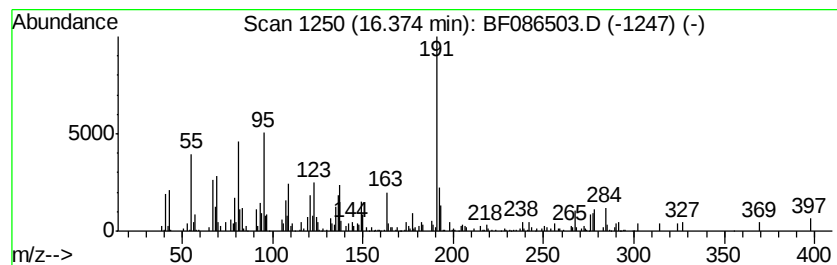
Instrument :
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ClientSampleId :
B2(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown16.37 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	4.10 ng	200670	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 38
2		Anthracene, 9-cyclohexyltetradec...	274 C20H34	055255-70-4 35
3		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206 C14H22O	1000195-40-9 32
4		Phenol, 3,5-bis(1,1-dimethylethyl)-	206 C14H22O	001138-52-9 27
5		2,4,7-Pteridinetriamine, 6-methyl-	191 C7H9N7	017539-50-3 27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042916\
Data File : BF086503.D
Acq On : 29 Apr 2016 20:27
Operator : UM/SJ
Sample : H2757-02 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B2(1-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.53	6.53	7.6	ng	393974	1	6.77	1031810	20.0
Benzaldehyde, 3,5...	11.90	3.3	ng	298165	4	11.30	1823780	20.0
unknown15.97	15.97	3.1	ng	150668	6	15.32	979871	20.0
unknown16.37	16.37	4.1	ng	200670	6	15.32	979871	20.0