

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093505.D
 Acq On : 10 Mar 2017 4:59
 Operator : SJ/MA
 Sample : I2176-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

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-BF030717.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	4.893	262	263	272	rVB	875419	1357265	8.84%	0.491%
2	5.350	301	303	310	rBV	1974143	2718684	17.70%	0.983%
3	5.556	319	321	324	rVB	539725	661561	4.31%	0.239%
4	5.967	356	357	361	rVB2	696071	1218084	7.93%	0.440%
5	6.047	361	364	371	rVB2	1929002	2894282	18.85%	1.047%
6	6.173	371	375	376	rBV	353348	709508	4.62%	0.257%
7	6.265	379	383	384	rBV2	871365	1219207	7.94%	0.441%
8	6.345	387	390	392	rBV2	393758	579126	3.77%	0.209%
9	6.425	394	397	400	rBV2	3438412	6421964	41.82%	2.322%
10	6.482	400	402	404	rVB3	546080	699333	4.55%	0.253%
11	6.527	404	406	408	rVB	4121623	4260797	27.74%	1.541%
12	6.573	408	410	412	rBV	2607639	2794391	18.20%	1.010%
13	6.607	412	413	415	rVB	825524	693358	4.51%	0.251%
14	6.710	418	422	423	rBV3	412497	986798	6.43%	0.357%
15	6.767	423	427	429	rBV3	1403463	2800238	18.23%	1.013%
16	6.825	429	432	434	rBV2	2293013	4777158	31.11%	1.727%
17	6.870	434	436	437	rVB2	502640	657676	4.28%	0.238%
18	6.916	437	440	443	rVB3	4230486	9083260	59.15%	3.284%
19	7.030	443	450	451	rVB4	892206	2247057	14.63%	0.812%
20	7.076	451	454	455	rBV2	674886	990625	6.45%	0.358%
21	7.145	458	460	463	rBV3	1125636	1989912	12.96%	0.720%
22	7.202	463	465	470	rBV2	2193870	5254844	34.22%	1.900%
23	7.293	470	473	474	rBV2	1566295	2133165	13.89%	0.771%
24	7.327	474	476	479	rVB2	3467017	4399017	28.64%	1.591%
25	7.396	479	482	484	rVB3	1108219	2068290	13.47%	0.748%
26	7.442	484	486	487	rBV	1310766	1656390	10.79%	0.599%
27	7.556	490	496	497	rBV4	2439472	4098782	26.69%	1.482%
28	7.670	502	506	507	rBV3	1532964	3113386	20.27%	1.126%
29	7.785	512	516	520	rVB4	2482697	5580145	36.33%	2.018%
30	7.876	520	524	525	rBV3	1497548	3013269	19.62%	1.090%
31	7.910	525	527	531	rVB5	631254	1389873	9.05%	0.503%
32	7.990	531	534	535	rBV2	1013451	1834861	11.95%	0.663%
33	8.036	535	538	539	rVV2	1302116	2258919	14.71%	0.817%
34	8.105	542	544	545	rVB	2328499	2270852	14.79%	0.821%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
 Data File : BF093505.D
 Acq On : 10 Mar 2017 4:59
 Operator : SJ/MA
 Sample : I2176-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

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-BF030717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.196	550	552	553	rBV2	983704	1422896	9.27%	0.514%
36	8.288	553	560	561	rBV	5938158	15357602	100.00%	5.553%
37	8.322	561	563	566	rVB2	6273477	9904885	64.49%	3.581%
38	8.390	567	569	570	rBV2	862604	952969	6.21%	0.345%
39	8.413	570	571	573	rVB	1859175	1944159	12.66%	0.703%
40	8.470	573	576	580	rVB3	2774710	5811610	37.84%	2.101%
41	8.539	580	582	584	rBV2	1048907	1495399	9.74%	0.541%
42	8.573	584	585	586	rBV	862035	676329	4.40%	0.245%
43	8.630	589	590	592	rBV2	945504	1091816	7.11%	0.395%
44	8.676	592	594	595	rBV2	1327400	2062427	13.43%	0.746%
45	8.756	600	601	602	rVB	1220655	837369	5.45%	0.303%
46	8.802	602	605	606	rBV3	864534	1184279	7.71%	0.428%
47	8.859	606	610	612	rVB2	2278639	4137333	26.94%	1.496%
48	8.939	613	617	620	rVB3	1081141	1604435	10.45%	0.580%
49	8.996	620	622	625	rBV4	525330	1240999	8.08%	0.449%
50	9.065	625	628	630	rBV2	2596213	3652800	23.78%	1.321%
51	9.122	630	633	634	rVB	3129907	4115400	26.80%	1.488%
52	9.156	634	636	637	rBV2	715817	989333	6.44%	0.358%
53	9.191	637	639	641	rBV2	569345	769668	5.01%	0.278%
54	9.385	654	656	658	rBV2	1364526	2098715	13.67%	0.759%
55	9.453	660	662	663	rVV	1281240	1784351	11.62%	0.645%
56	9.488	663	665	666	rVV2	1053336	1961009	12.77%	0.709%
57	9.511	666	667	669	rVB	2724735	2124769	13.84%	0.768%
58	9.648	677	679	681	rBV3	643281	891059	5.80%	0.322%
59	9.693	681	683	684	rVB	947414	827532	5.39%	0.299%
60	9.728	684	686	687	rBV2	355617	573381	3.73%	0.207%
61	9.785	687	691	693	rVV3	1511277	2682570	17.47%	0.970%
62	9.945	703	705	706	rBV2	366467	514925	3.35%	0.186%
63	9.979	706	708	711	rVV3	525500	1167036	7.60%	0.422%
64	10.071	711	716	718	rVB3	2227001	4763138	31.01%	1.722%
65	10.105	718	719	721	rBV2	406585	474088	3.09%	0.171%
66	10.242	730	731	736	rVB5	677471	1393686	9.07%	0.504%
67	10.436	746	748	751	rVB	949082	1099234	7.16%	0.397%
68	10.551	755	758	759	rVV	1369260	2149821	14.00%	0.777%
69	10.585	759	761	763	rVB	1725287	1940063	12.63%	0.701%
70	10.711	769	772	775	rBV2	2550975	5154792	33.57%	1.864%
71	10.768	775	777	779	rVV	4924684	9203473	59.93%	3.328%

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093505.D
 Acq On : 10 Mar 2017 4:59
 Operator : SJ/MA
 Sample : I2176-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

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-BF030717.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.814	779	781	782	rVV2	5564658	8718768	56.77%	3.153%
73	10.848	782	784	787	rVV2	5368304	12372916	80.57%	4.474%
74	10.905	787	789	792	rVV2	4118816	8993597	58.56%	3.252%
75	10.951	792	793	795	rVV2	5123860	7284486	47.43%	2.634%
76	10.996	795	797	799	rVV2	5644077	10447735	68.03%	3.778%
77	11.031	799	800	802	rVB	4503514	4796466	31.23%	1.734%
78	11.111	805	807	808	rBV2	300655	520274	3.39%	0.188%
79	11.145	808	810	811	rVV2	622975	1102749	7.18%	0.399%
80	11.168	811	812	815	rVB2	1043411	1222248	7.96%	0.442%
81	11.282	820	822	824	rBV	1297802	1368265	8.91%	0.495%
82	11.328	824	826	828	rBV	1748958	2089331	13.60%	0.755%
83	11.488	838	840	843	rVV4	669701	1002525	6.53%	0.362%
84	11.556	843	846	849	rVB4	649584	1096411	7.14%	0.396%
85	11.831	866	870	871	rBV2	1752239	3200319	20.84%	1.157%
86	11.865	871	873	874	rVV	1375677	1467881	9.56%	0.531%
87	11.899	874	876	878	rVV3	1272597	2528563	16.46%	0.914%
88	11.945	878	880	881	rVV2	1276397	1499370	9.76%	0.542%
89	12.002	881	885	888	rVV5	2045582	5773323	37.59%	2.088%
90	12.048	888	889	890	rVV	1556639	1292023	8.41%	0.467%
91	12.071	890	891	893	rVV2	1701173	1861245	12.12%	0.673%
92	12.117	893	895	897	rVV2	1292083	1442162	9.39%	0.521%
93	12.208	901	903	905	rBV2	310889	444776	2.90%	0.161%
94	12.357	914	916	918	rVB	384924	476389	3.10%	0.172%
95	12.517	929	930	932	rBV2	424850	612059	3.99%	0.221%
96	12.859	957	960	962	rBV	3041324	3155367	20.55%	1.141%
97	12.962	967	969	971	rBV3	267608	475792	3.10%	0.172%
98	13.420	1007	1009	1012	rBV	356911	459961	3.00%	0.166%
99	13.911	1051	1052	1055	rVB	975365	910506	5.93%	0.329%
100	15.317	1173	1175	1179	rVB	688148	1060711	6.91%	0.384%

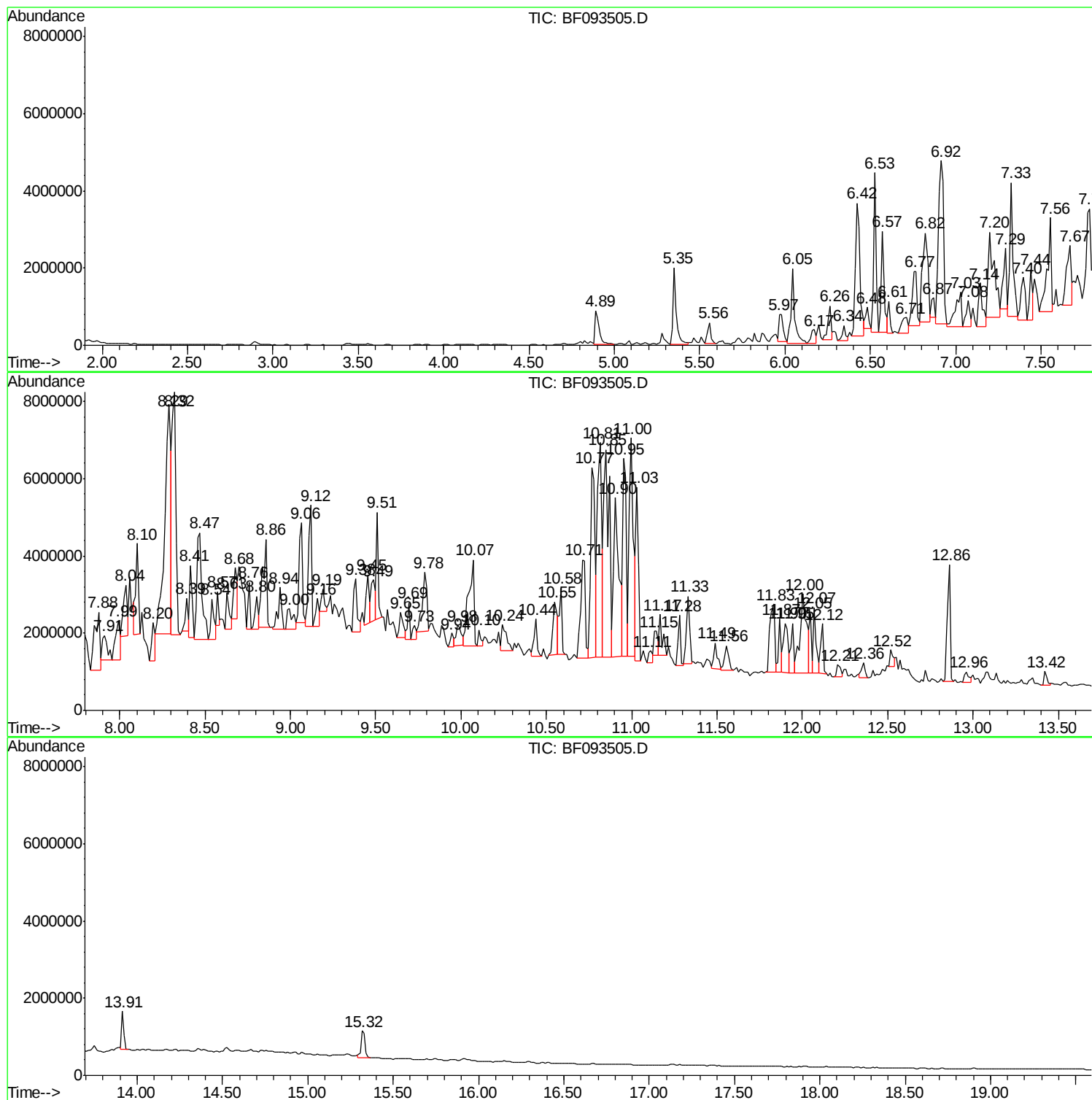
Sum of corrected areas: 276563645

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

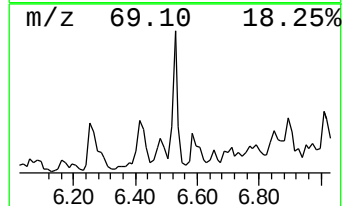
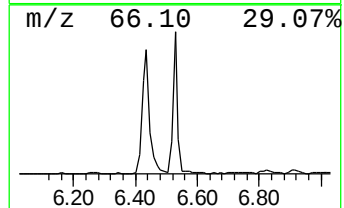
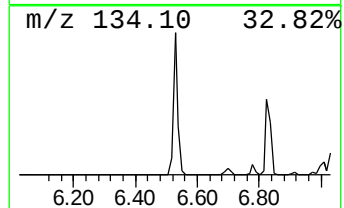
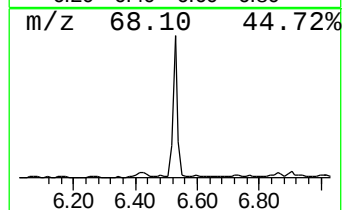
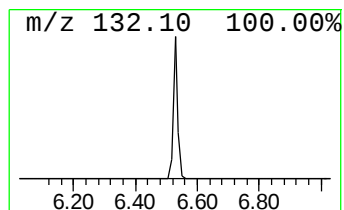
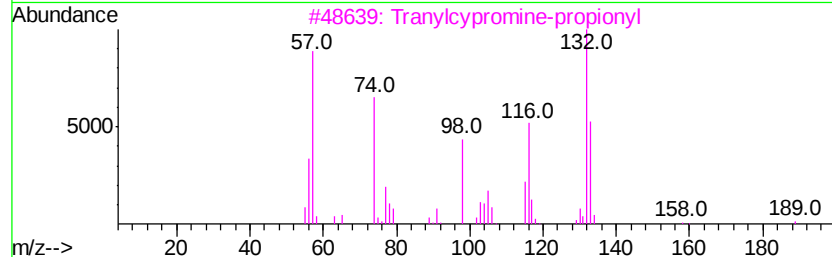
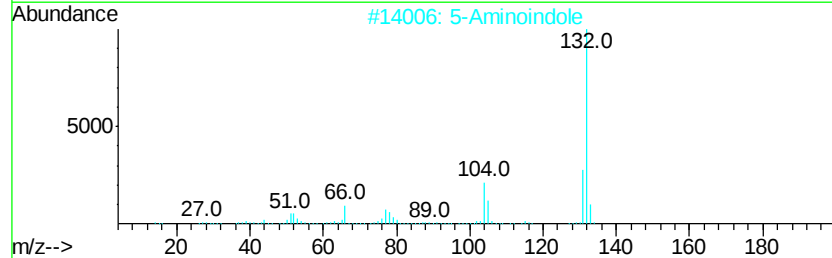
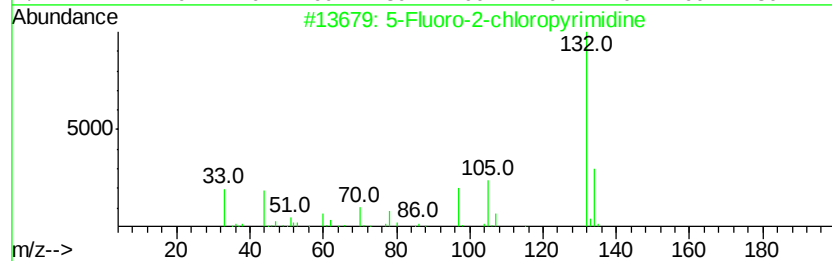
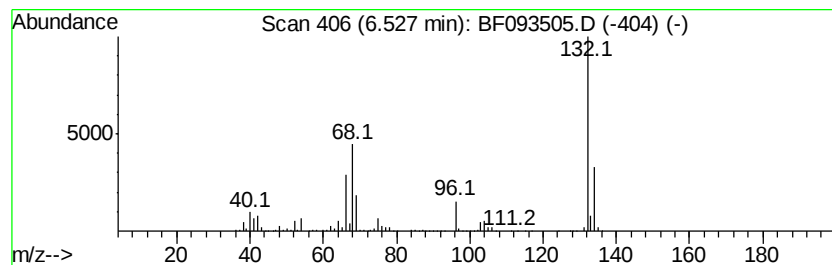
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.53 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	30.43 ng	4260800	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

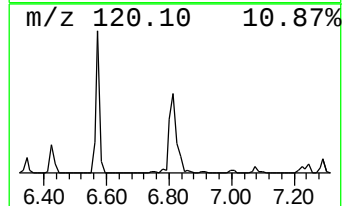
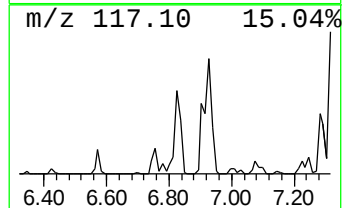
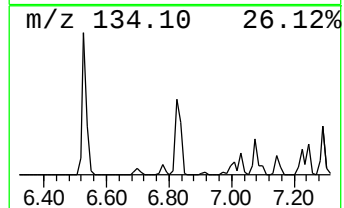
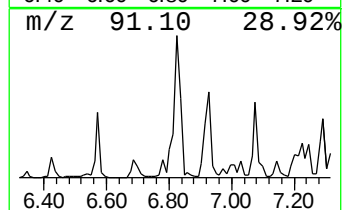
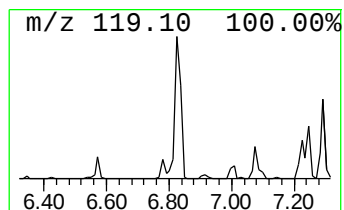
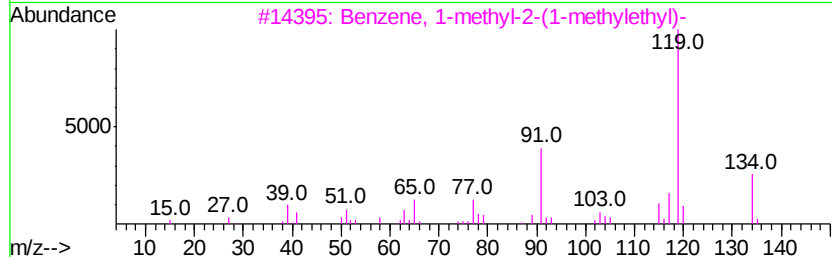
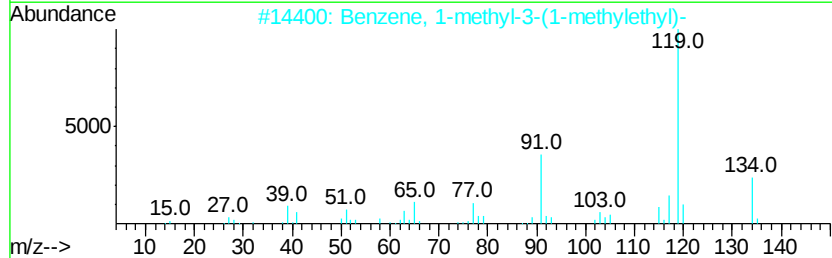
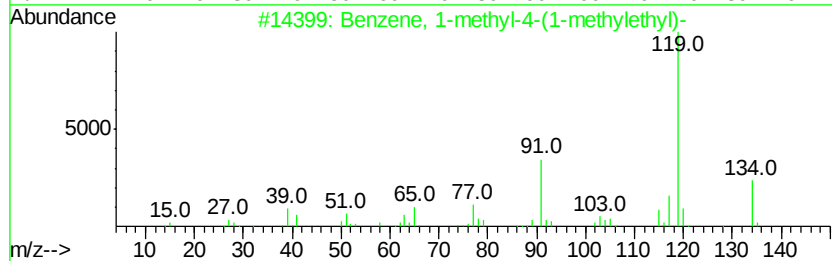
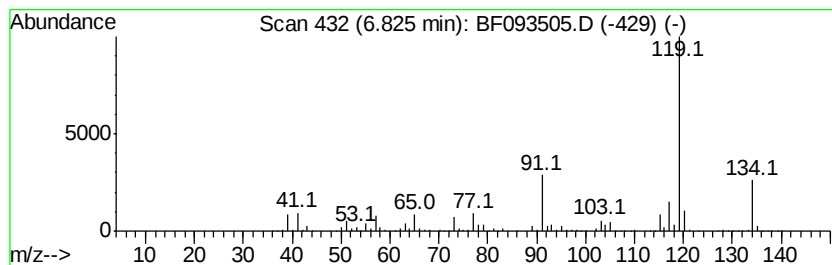
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	34.12 ng	4777160	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

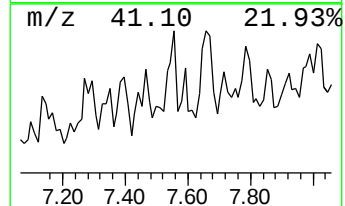
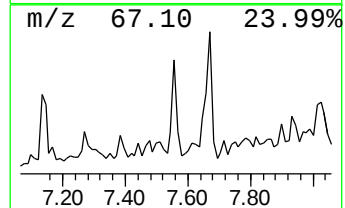
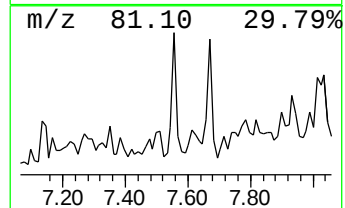
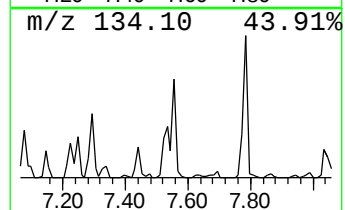
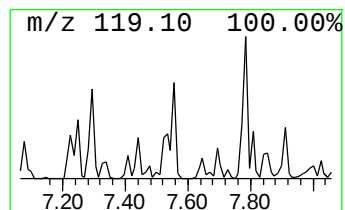
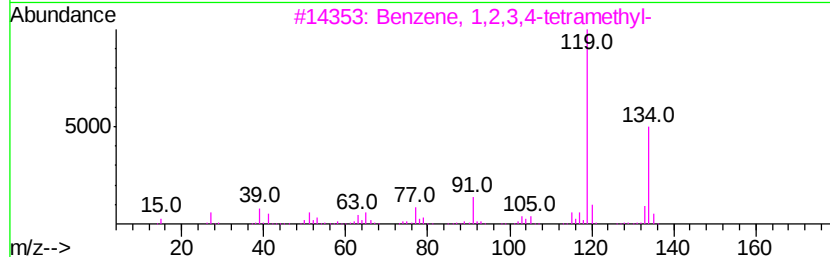
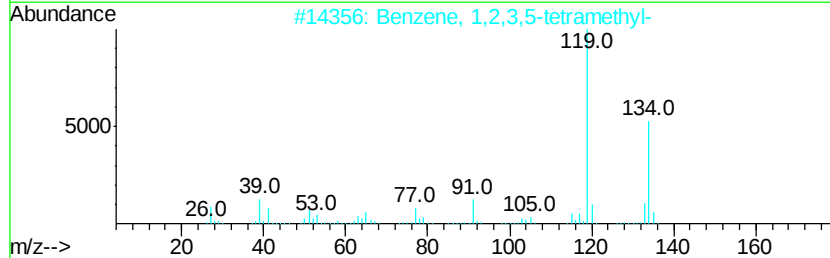
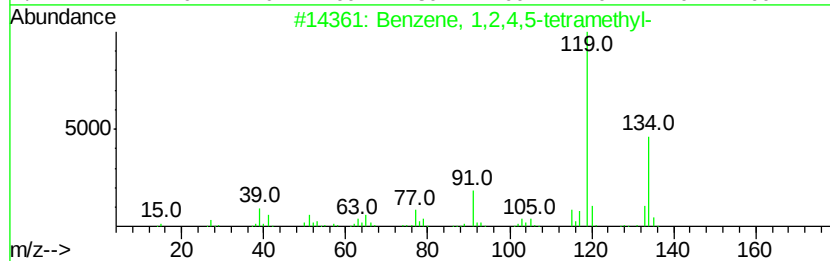
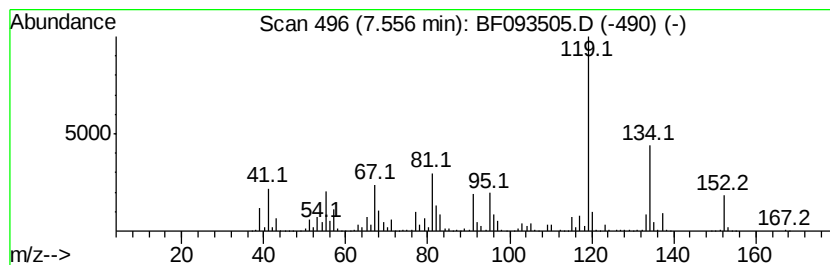
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	36.29 ng	4098780	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	92
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	70
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-15

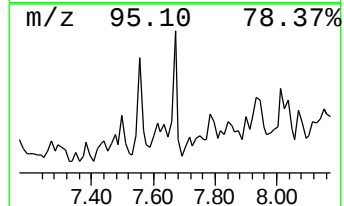
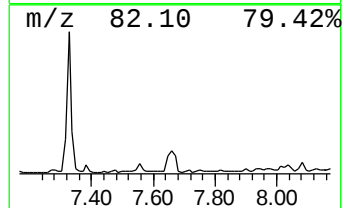
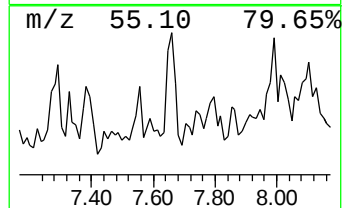
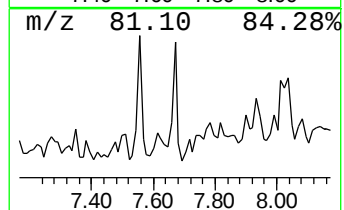
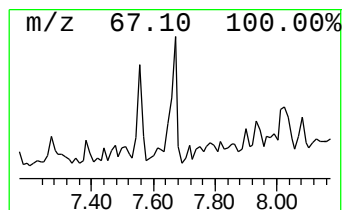
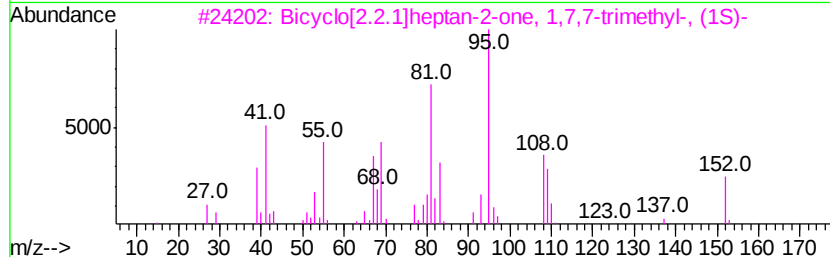
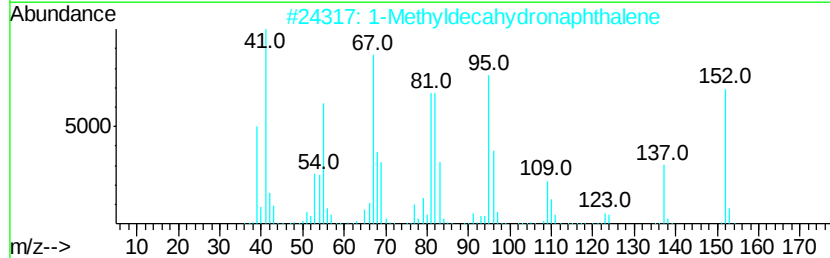
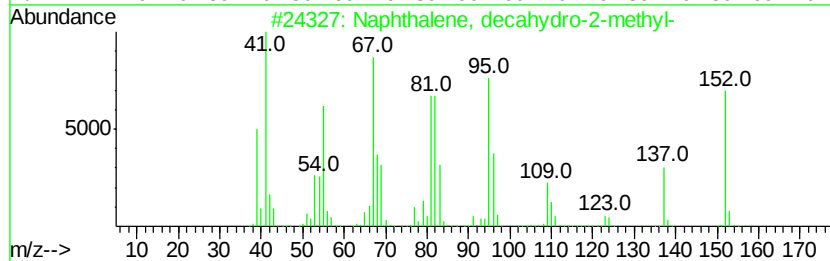
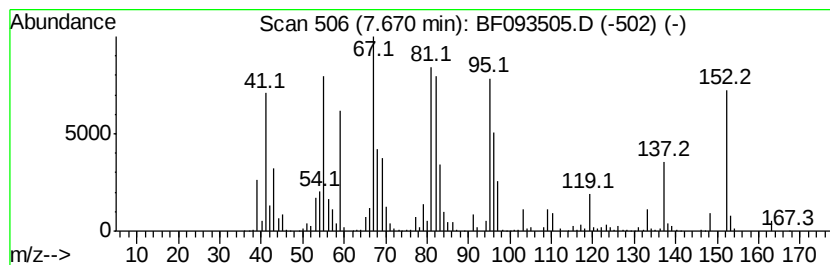
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	27.57 ng	3113390	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	60
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	52
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

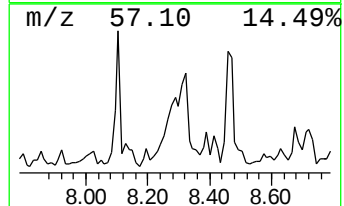
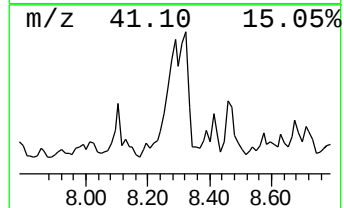
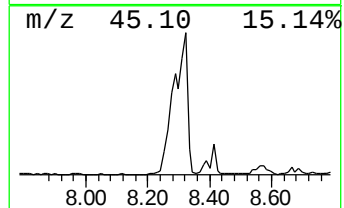
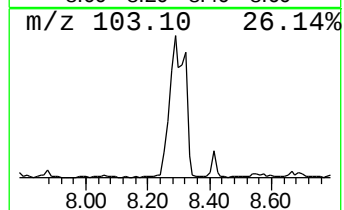
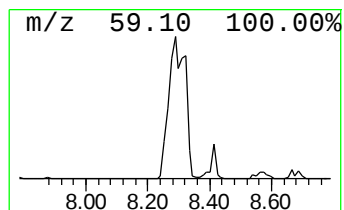
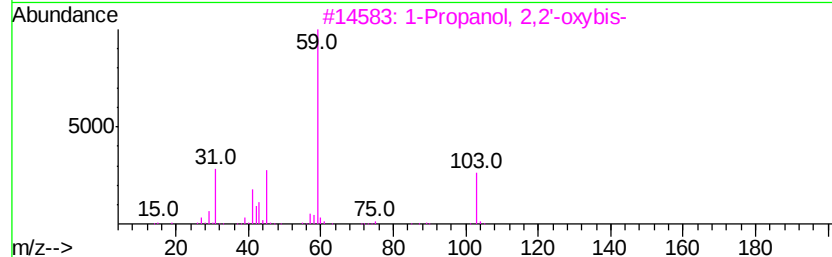
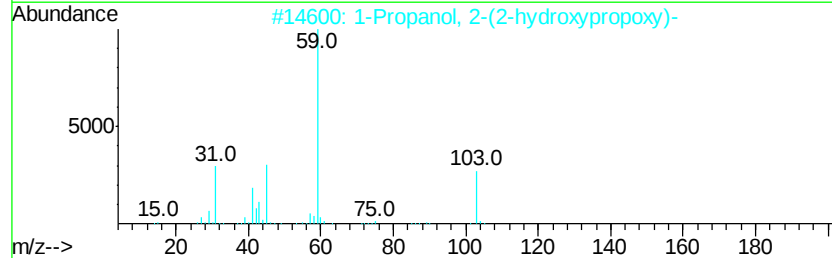
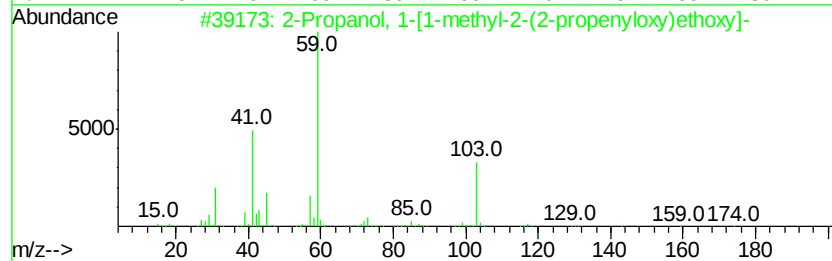
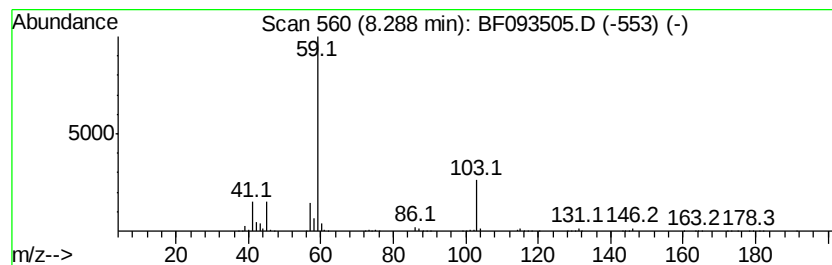
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Propanol, 1-[1-methyl-2-(... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	135.97 ng	15357600	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanol, 1-[1-methyl-2-(2-pro...	174	C9H18O3	055956-25-7	74
2		1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64
3		1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	64
4		2-Pentanol, 2,3-dimethyl-	116	C7H16O	004911-70-0	59
5		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

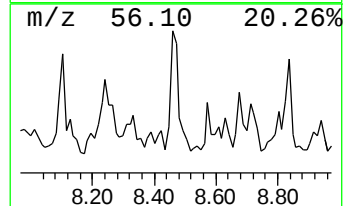
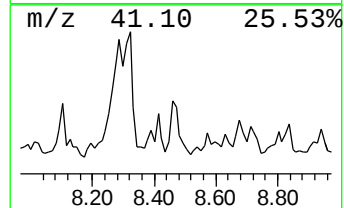
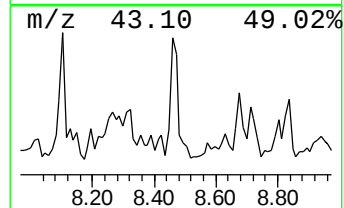
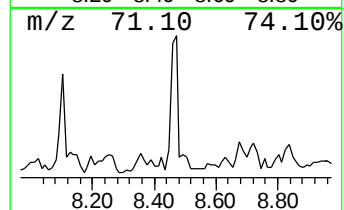
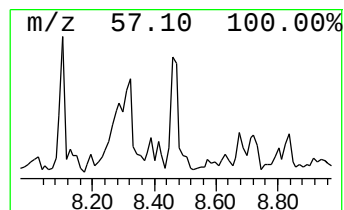
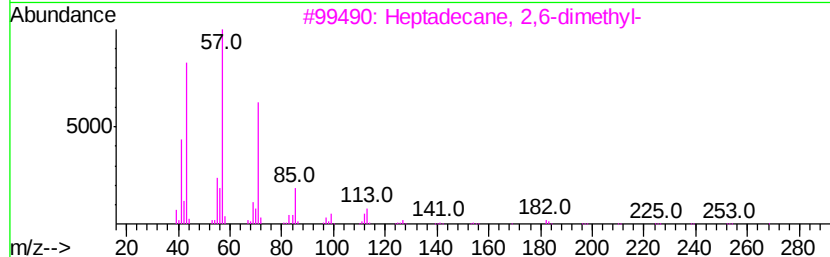
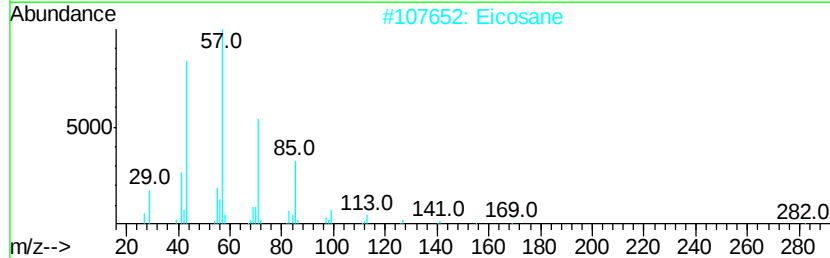
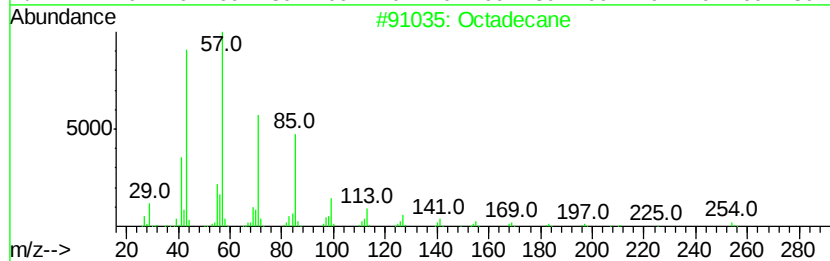
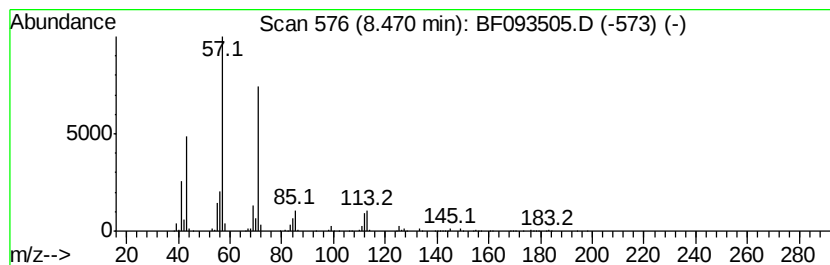
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	51.45 ng	5811610	Napthalene-d8	8.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	78
2	Eicosane	282 C20H42	000112-95-8	64
3	Heptadecane, 2,6-dimethyl-	268 C19H40	054105-67-8	64
4	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	64
5	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

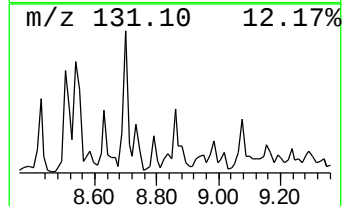
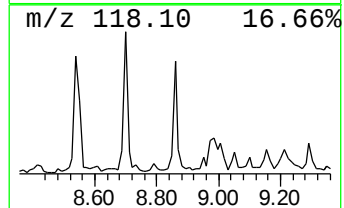
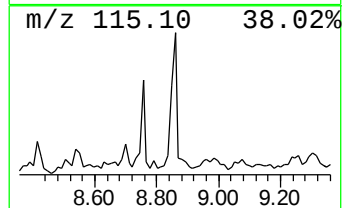
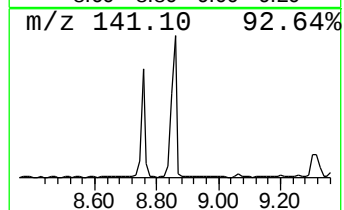
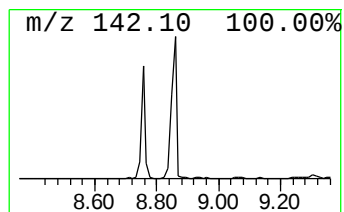
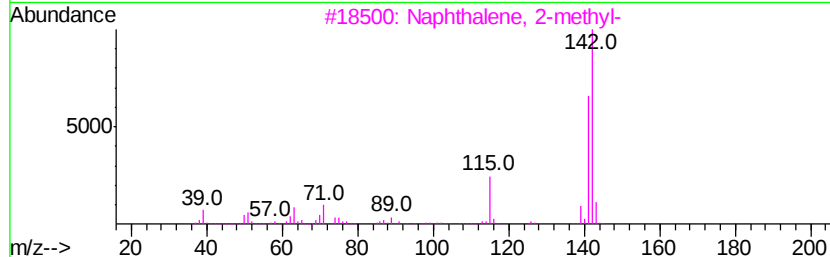
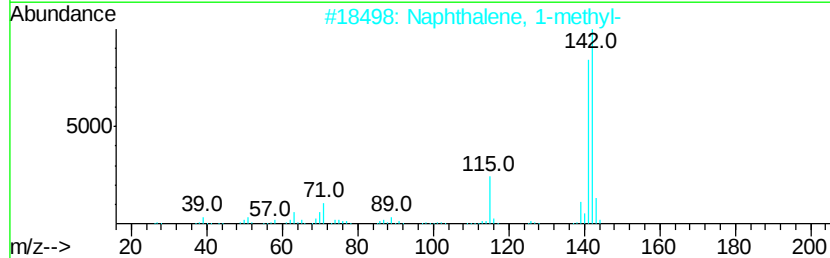
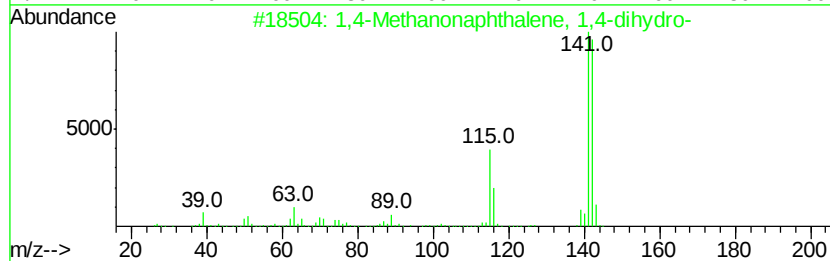
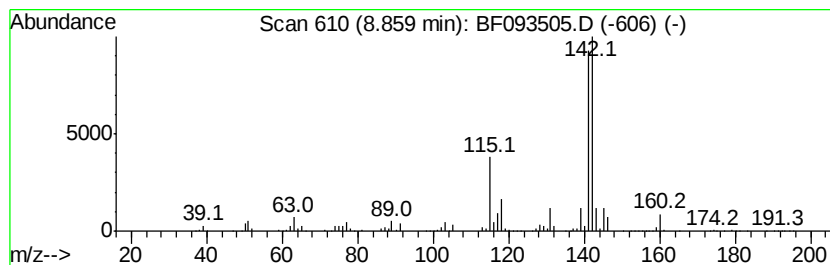
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	36.63 ng	4137330	Naphthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	81
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	81
4		Benzocycloheptatriene	142	C11H10	000264-09-5	76
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

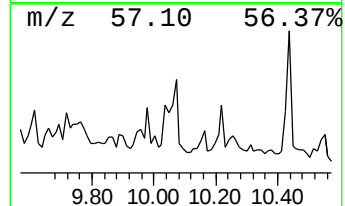
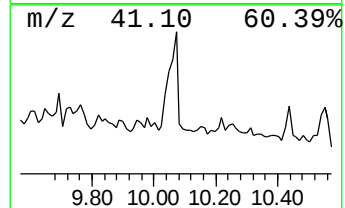
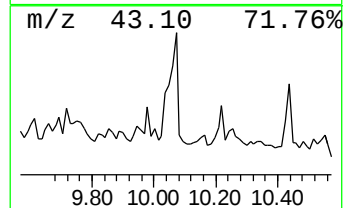
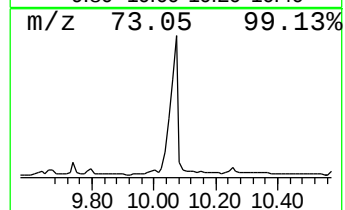
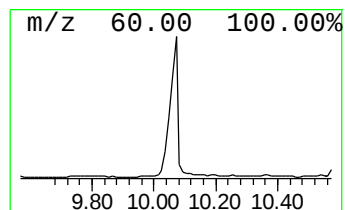
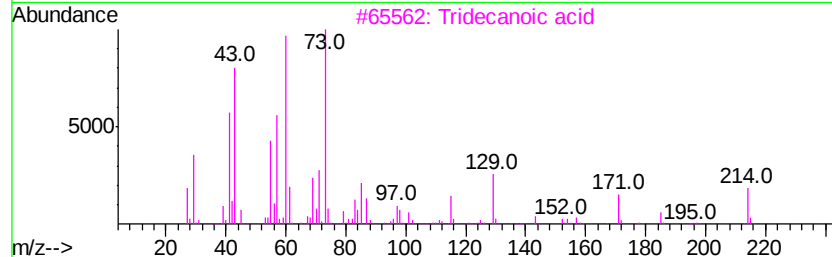
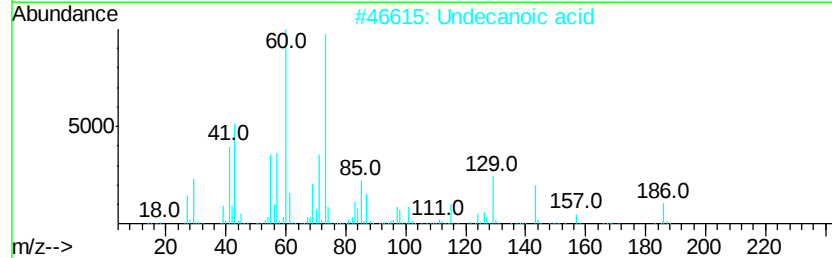
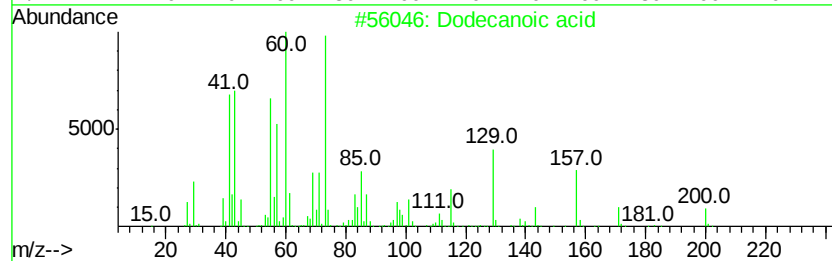
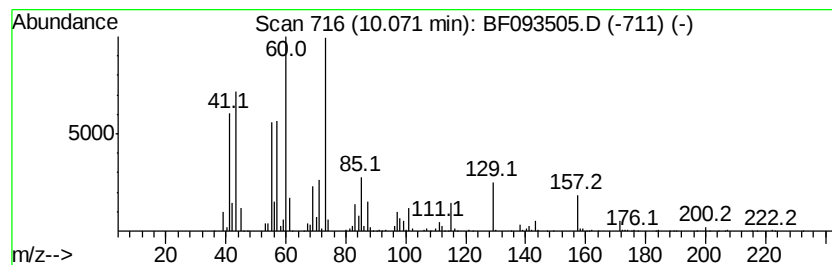
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.07	35.51 ng	4763140	Acenaphthene-d10		9.78
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Octanoic Acid	144	C8H16O2	000124-07-2	49
5	Hexanoic acid	116	C6H12O2	000142-62-1	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

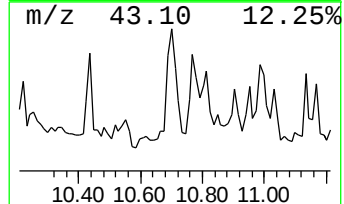
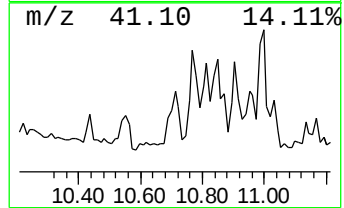
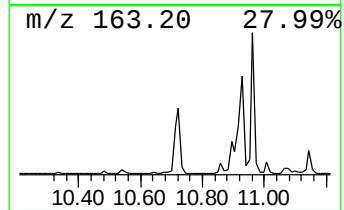
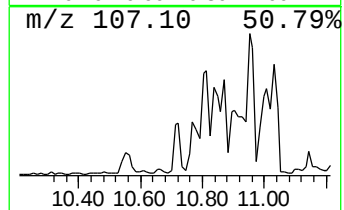
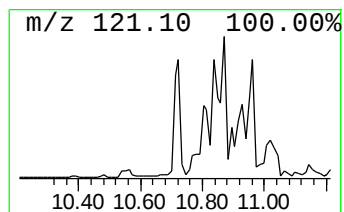
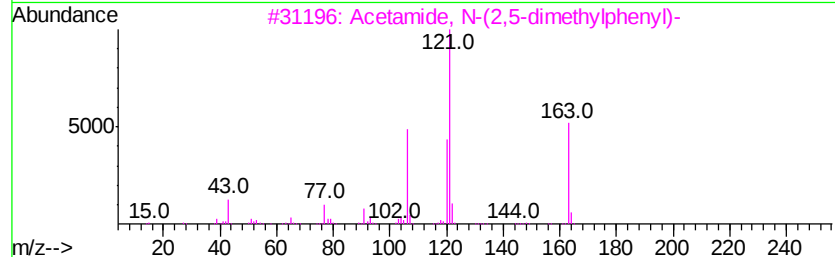
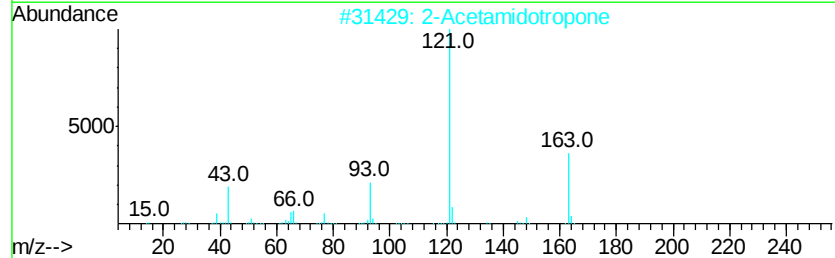
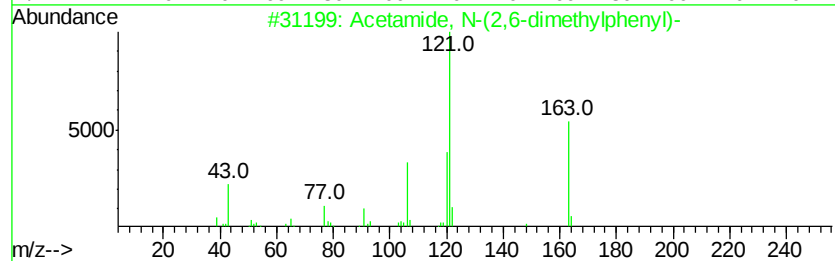
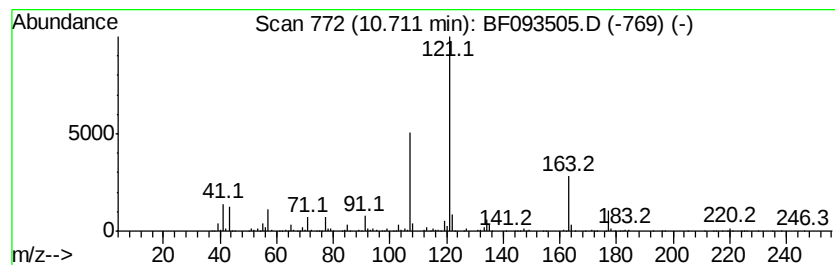
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Acetamide, N-(2,6-dimethylp... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	75.35 ng	5154790	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetamide, N-(2,6-dimethylphenyl)-	163	C10H13NO	002198-53-0	50
2		2-Acetamidotropone	163	C9H9NO2	006422-12-4	49
3		Acetamide, N-(2,5-dimethylphenyl)-	163	C10H13NO	002050-44-4	49
4		p-Sec-butylphenyl acetate	192	C12H16O2	003245-24-7	43
5		Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

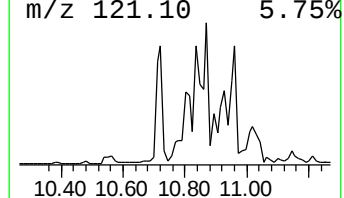
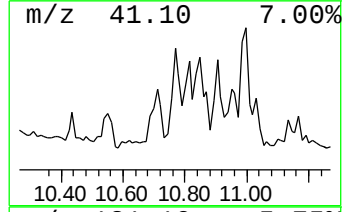
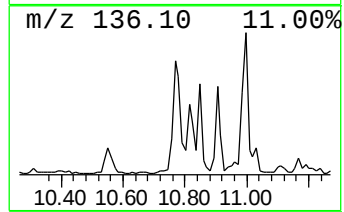
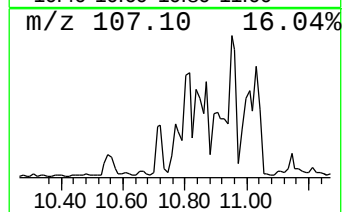
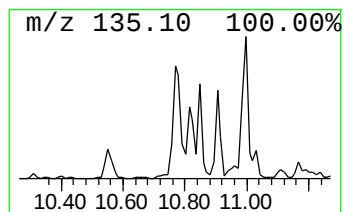
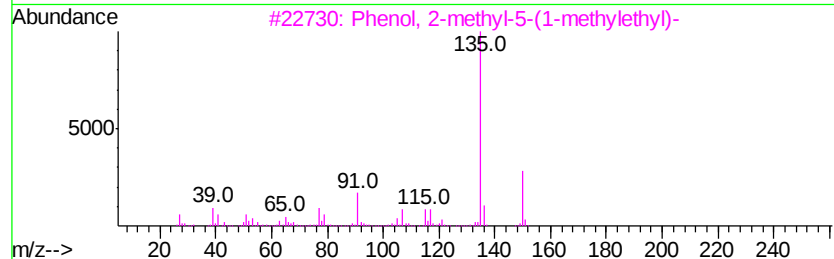
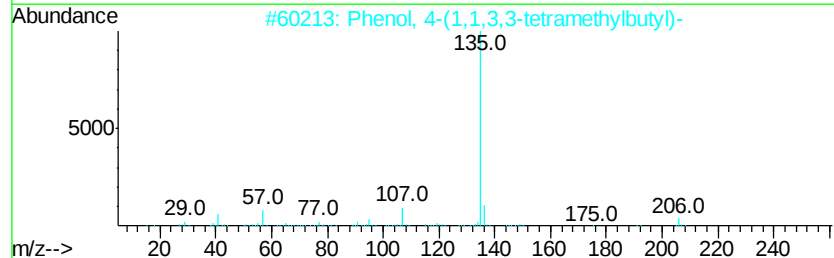
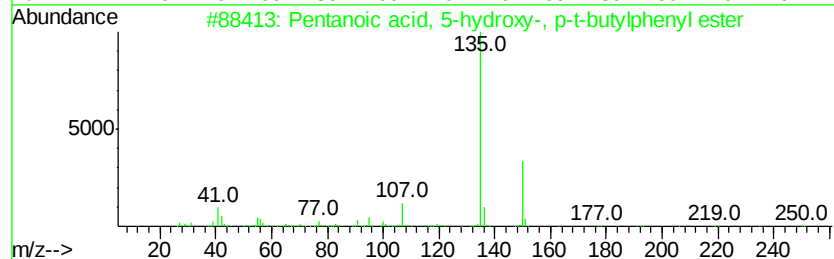
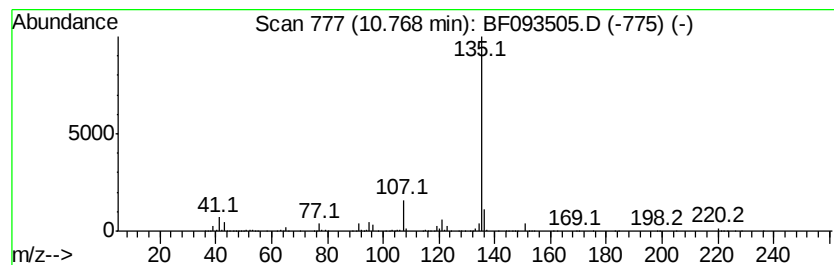
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentanoic acid, 5-hydroxy-,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.77	134.53 ng	9203470	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	72
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3		Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	64
4		1-n-Hexyladamantane	220	C16H28	022458-75-9	59
5		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

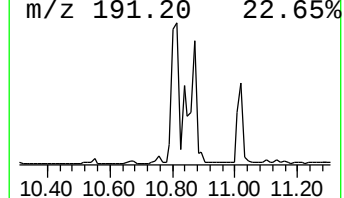
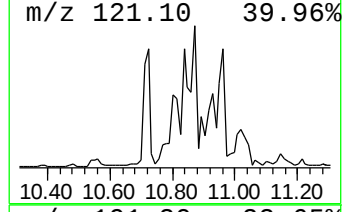
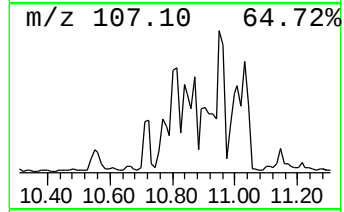
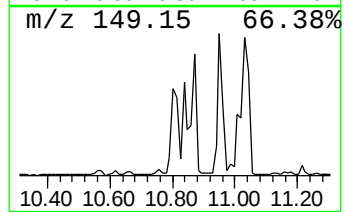
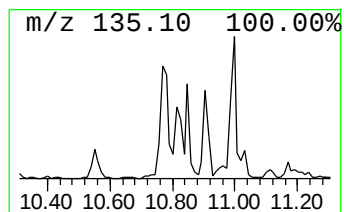
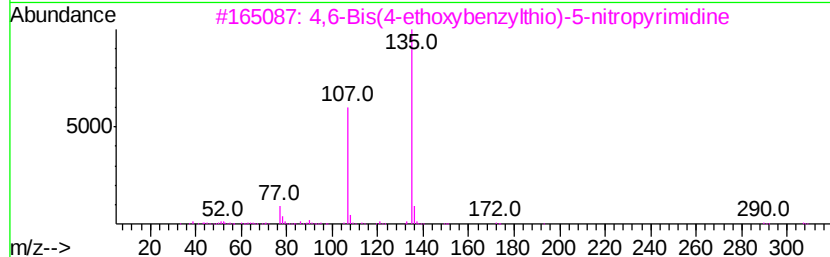
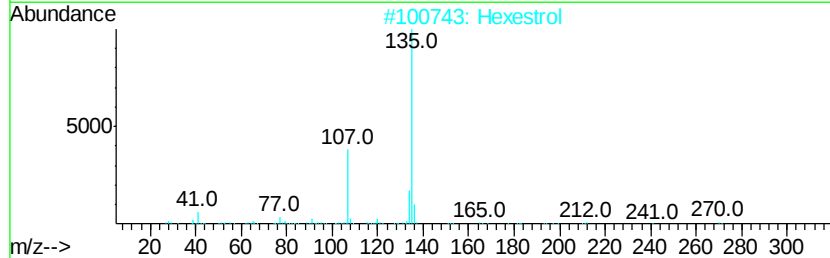
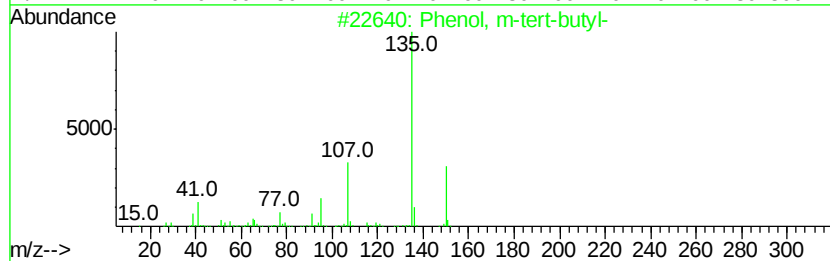
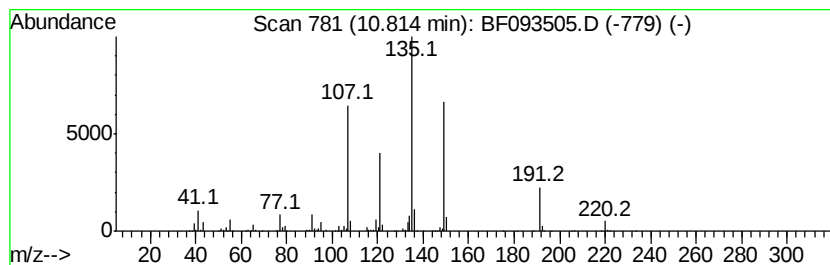
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.81 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	127.44 ng	8718770	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	49
2		Hexestrol	270	C18H22O2	005635-50-7	47
3		4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	47
4		Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	38
5		Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

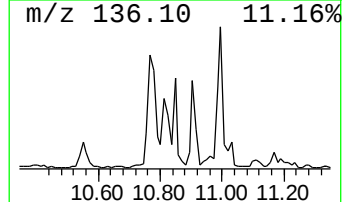
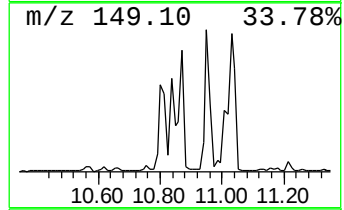
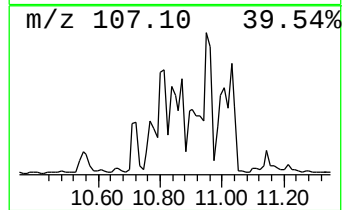
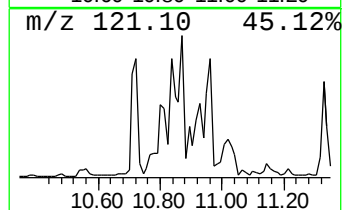
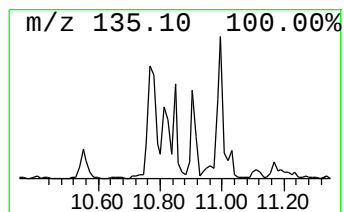
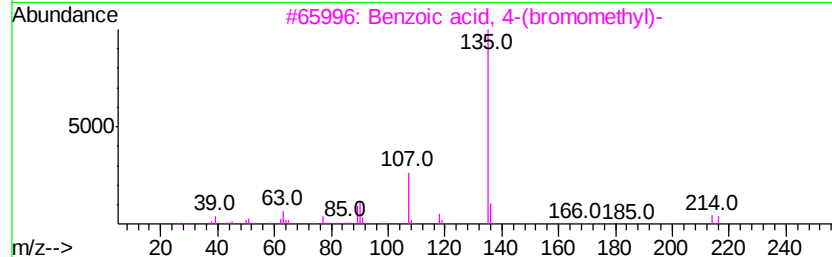
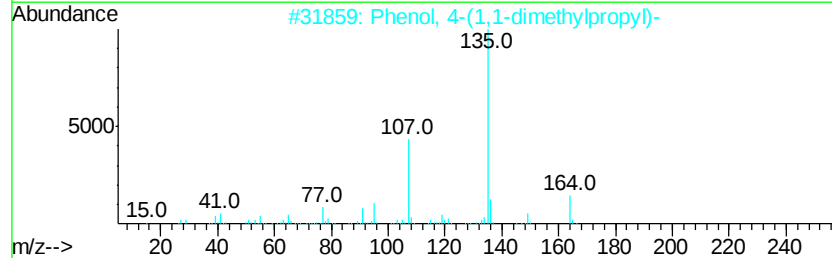
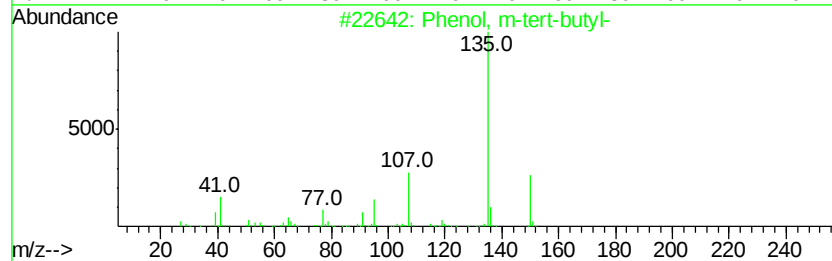
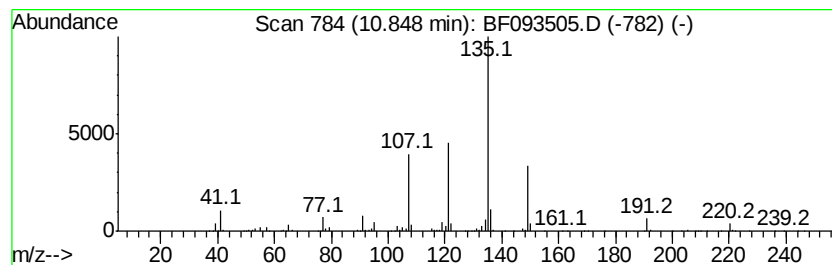
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenol, m-tert-butyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	180.86 ng	12372900	Phenanthrene-d10	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Phenol, m-tert-butyl-	150 C10H14O	000585-34-2 64
2		Phenol, 4-(1,1-dimethylpropyl)-	164 C11H16O	000080-46-6 59
3		Benzoic acid, 4-(bromomethyl)-	214 C8H7BrO2	006232-88-8 53
4		Benzeneacetonitrile, 3-fluoro-	135 C8H6FN	000501-00-8 53
5		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270 C18H22O2	000084-16-2 53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

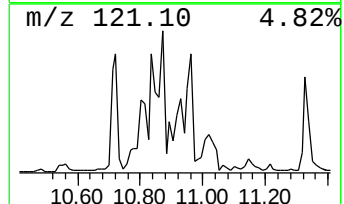
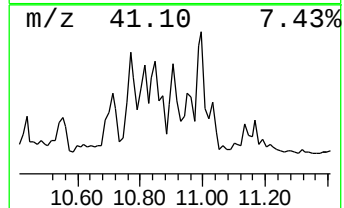
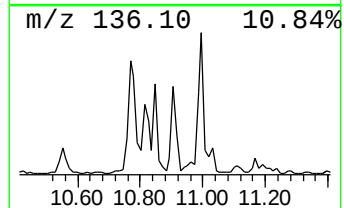
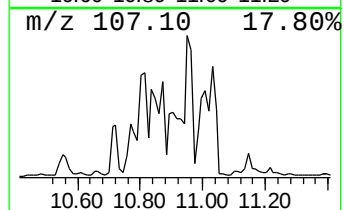
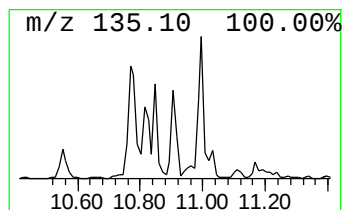
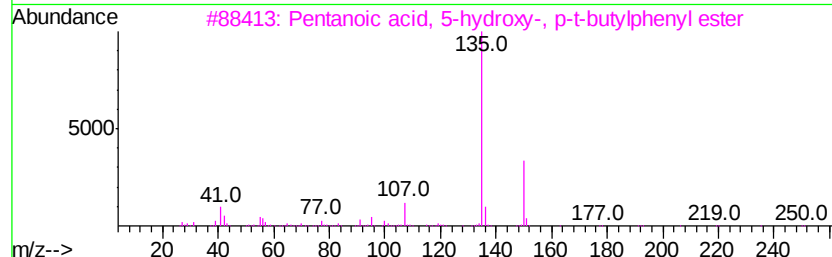
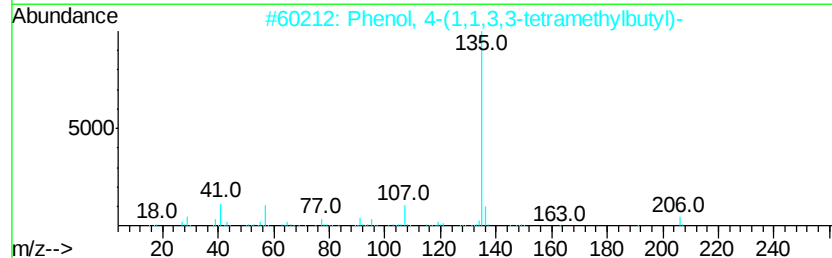
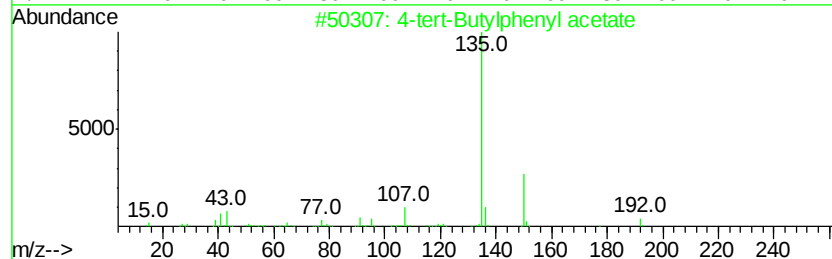
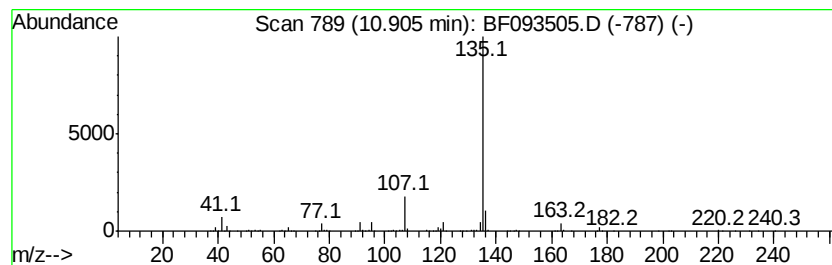
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4-tert-Butylphenyl acetate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.91	131.46 ng	8993600	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	64
3		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
4		Phenol, 4,4'-(1,2-diethyl-1,2-et...	270	C18H22O2	000084-16-2	59
5		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

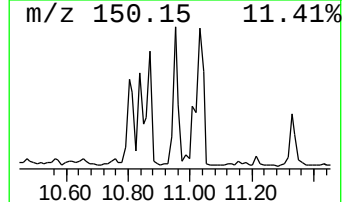
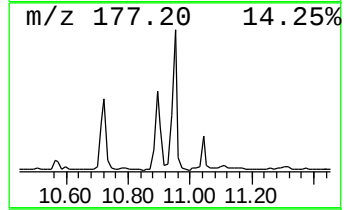
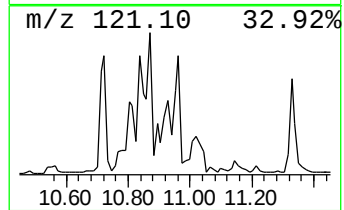
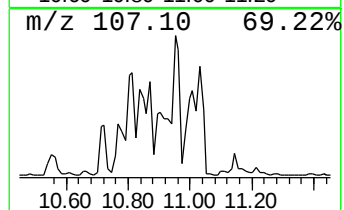
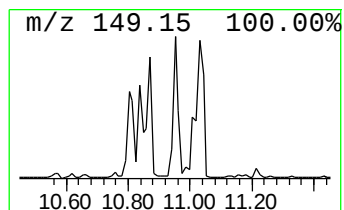
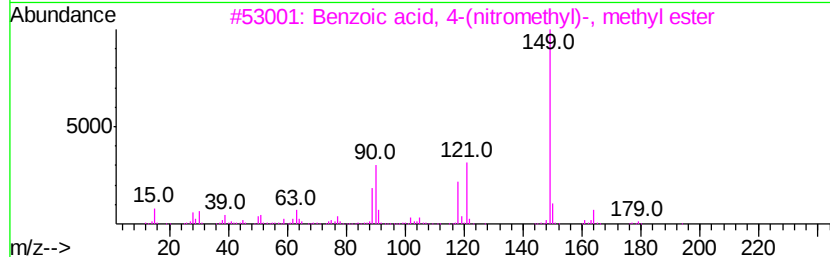
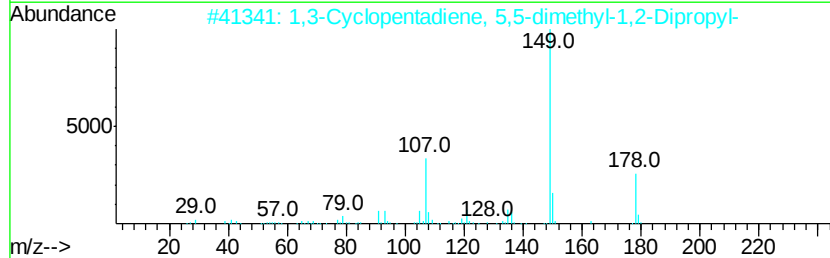
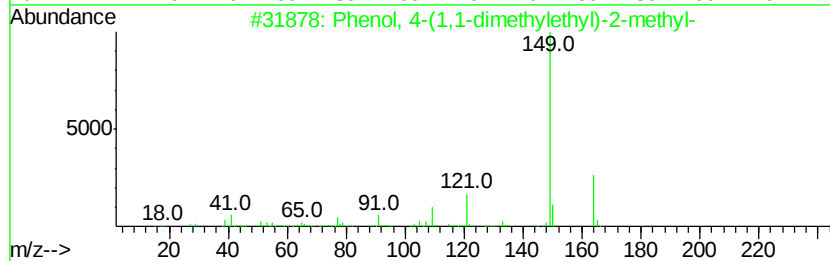
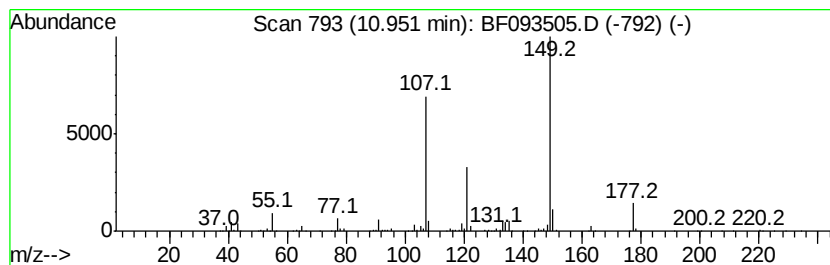
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenol, 4-(1,1-dimethylethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.95	106.48 ng	7284490	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50	
2	1,3-Cyclopentadiene, 5,5-dimethy...	178	C13H22	1000163-88-0	45	
3	Benzoic acid, 4-(nitromethyl)-, ...	195	C9H9NO4	054833-06-6	43	
4	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	40	
5	1,3-Dioxolane, 2-phenyl-2-(pheny...	240	C16H16O2	004362-19-0	32	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

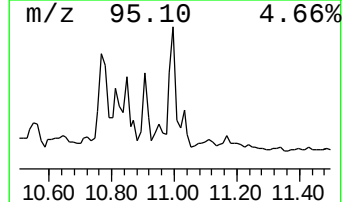
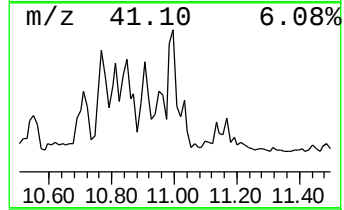
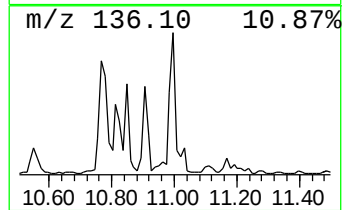
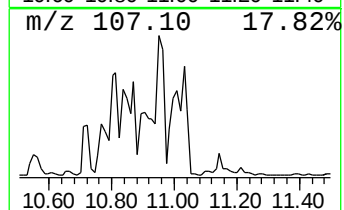
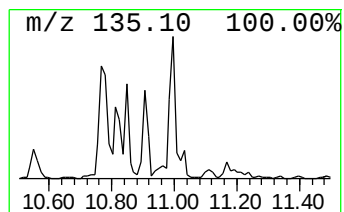
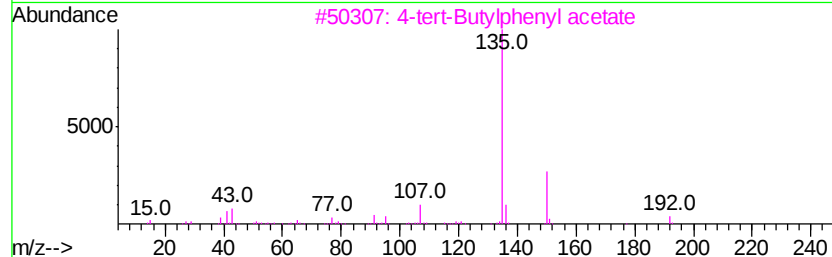
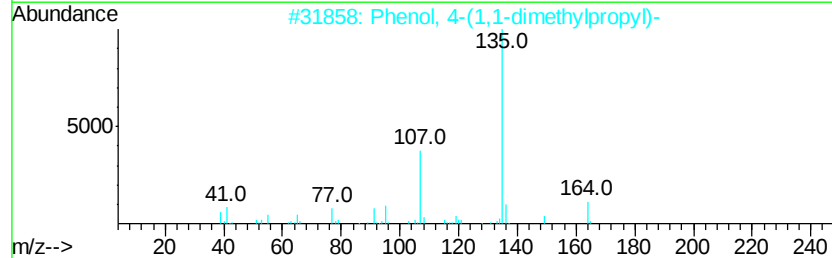
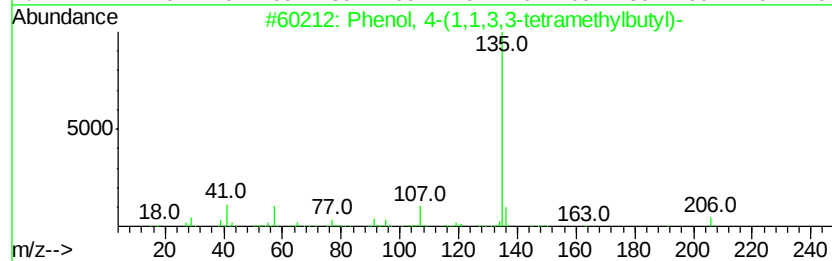
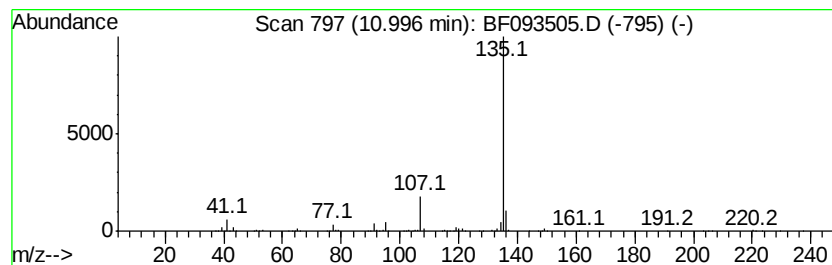
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	152.72 ng	10447700	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
3		4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4		Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	56
5		3-(1-Adamantyl)sydnone	220	C12H16N2O2	1000140-20-2	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

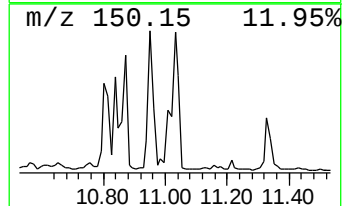
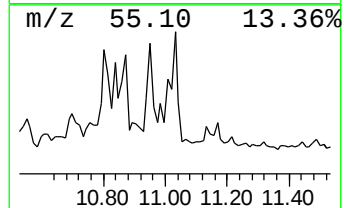
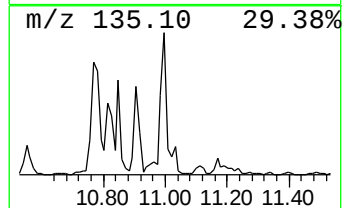
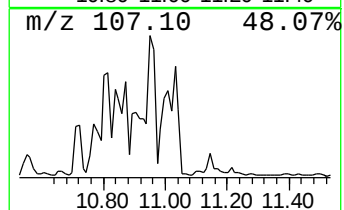
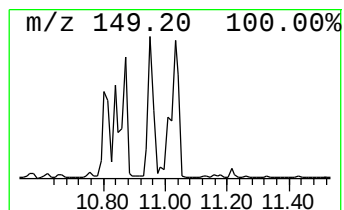
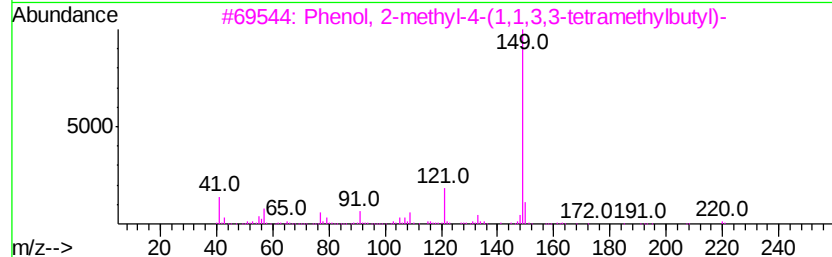
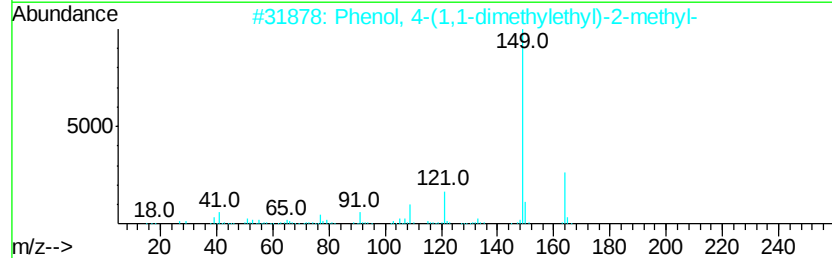
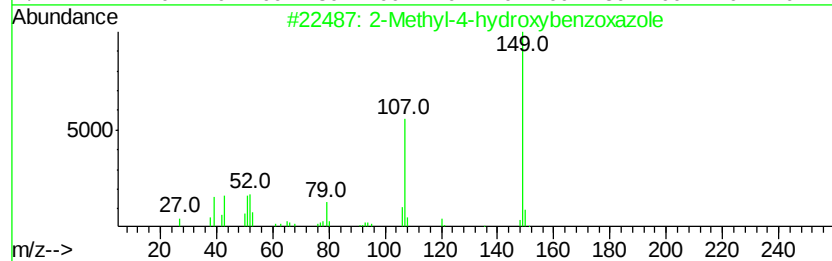
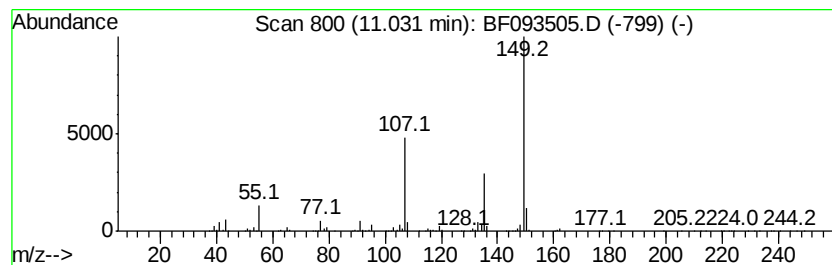
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 2-Methyl-4-hydroxybenzoxazole Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	70.11 ng	4796470	Phenanthrene-d10	11.28

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	50
2			Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	47
3			Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4			7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	37
5			4-Pyridinamine, N,N,2,6-tetramet...	150	C9H14N2	129384-12-9	36



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

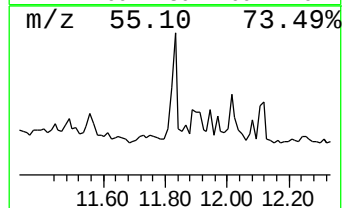
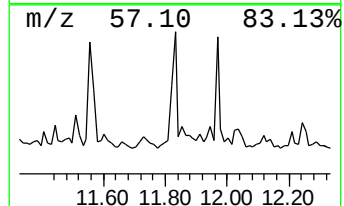
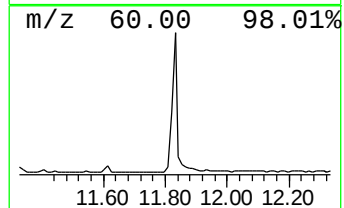
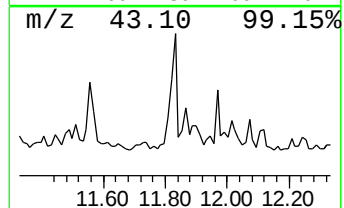
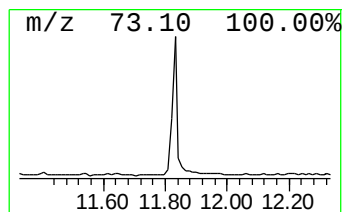
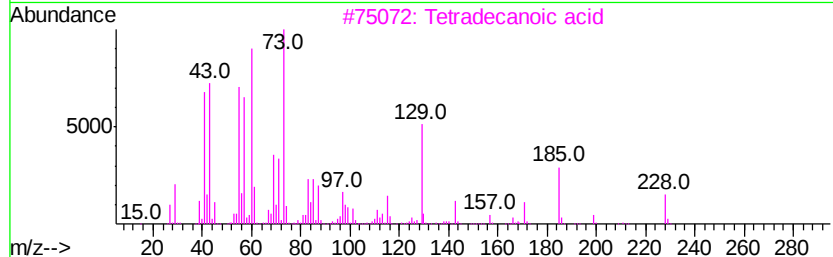
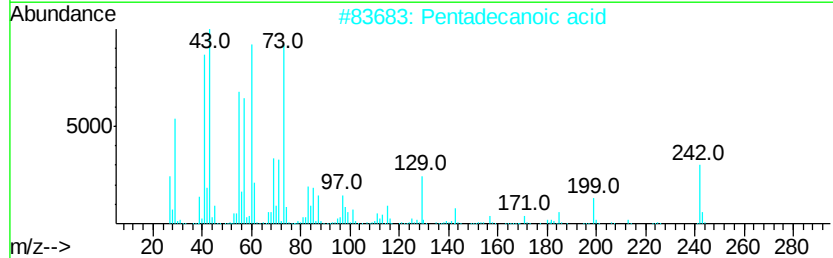
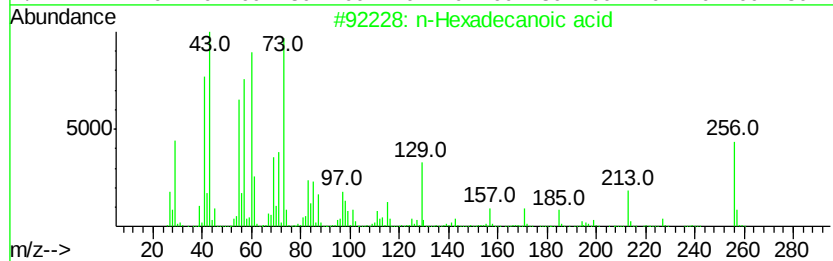
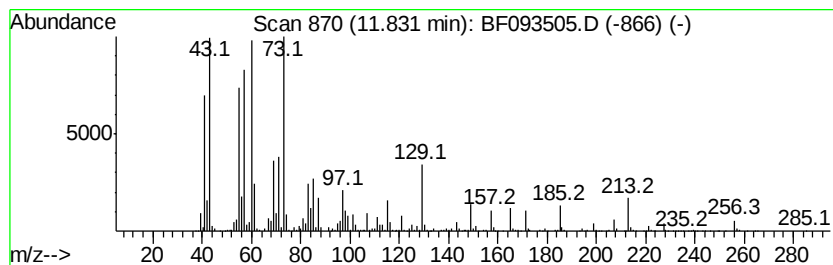
Instrument :
BNA_F
ClientSampleId :
W-15

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.83	46.78 ng	3200320	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
W-15

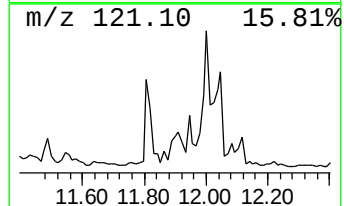
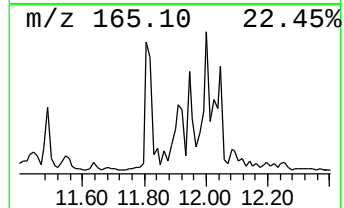
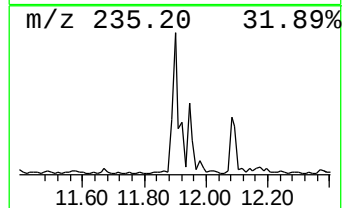
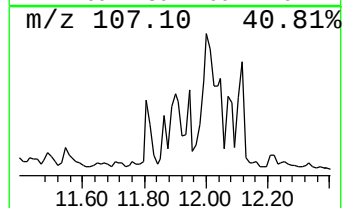
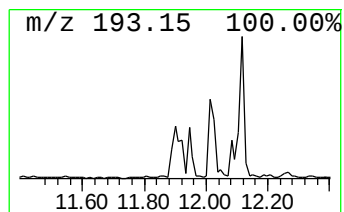
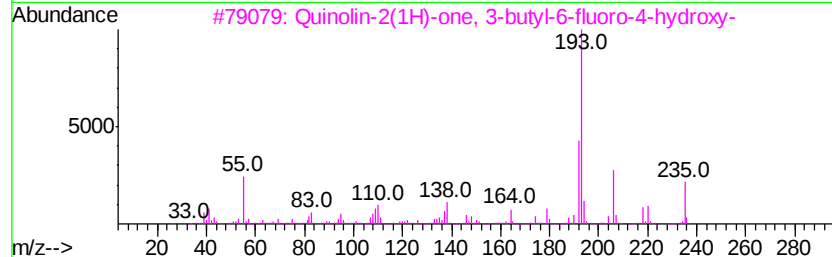
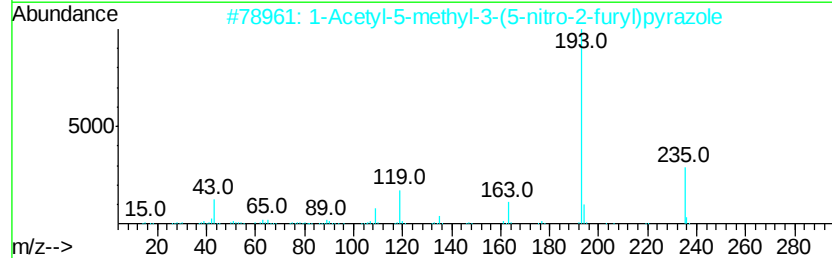
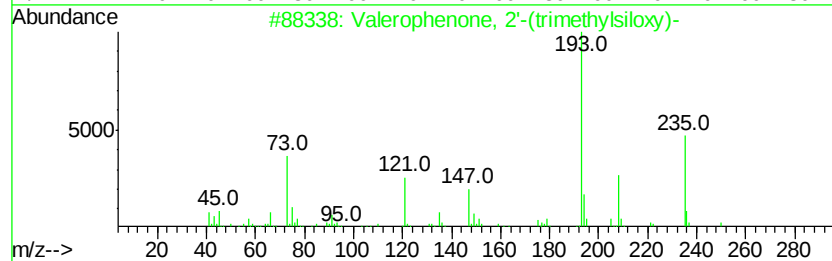
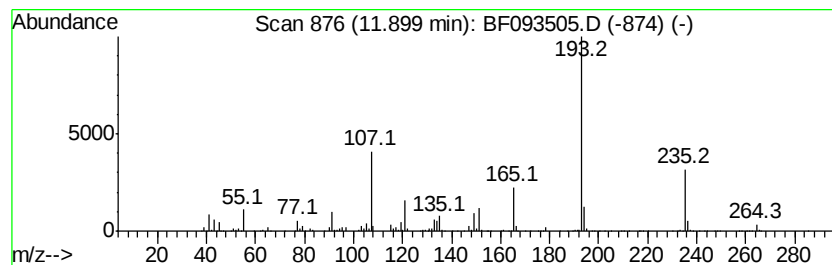
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Valerophenone, 2'-(trimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	36.96 ng	2528560	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Valerophenone, 2'-(trimethylsilo...	250	C14H22O2Si	033342-91-5	50
2		1-Acetyl-5-methyl-3-(5-nitro-2-f...	235	C10H9N3O4	016239-91-1	49
3		Quinolin-2(1H)-one, 3-butyl-6-fl...	235	C13H14FN02	279691-75-7	43
4		2H-1-Benzopyran-2-one, 3,4,7-tri...	236	C12H12O5	029076-72-0	43
5		3-Phenylindole	193	C14H11N	001504-16-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
Data File : BF093505.D
Acq On : 10 Mar 2017 4:59
Operator : SJ/MA
Sample : I2176-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-15

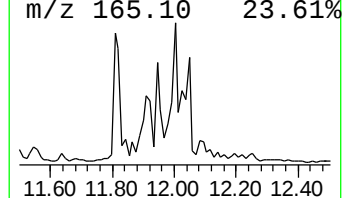
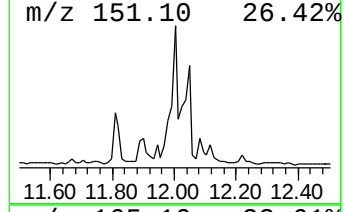
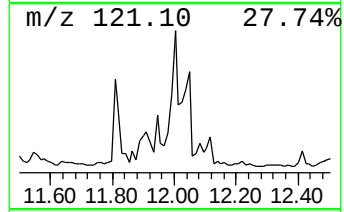
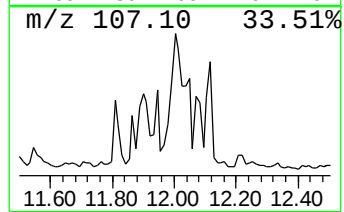
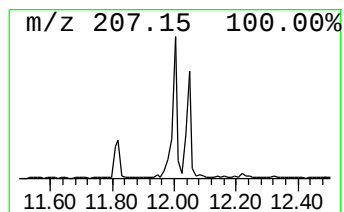
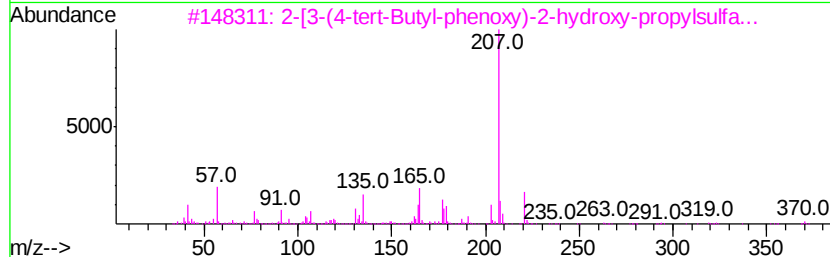
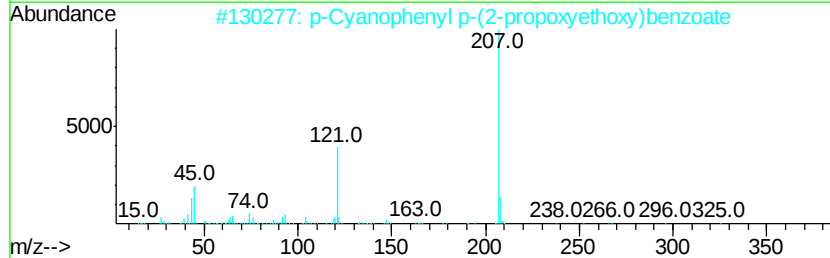
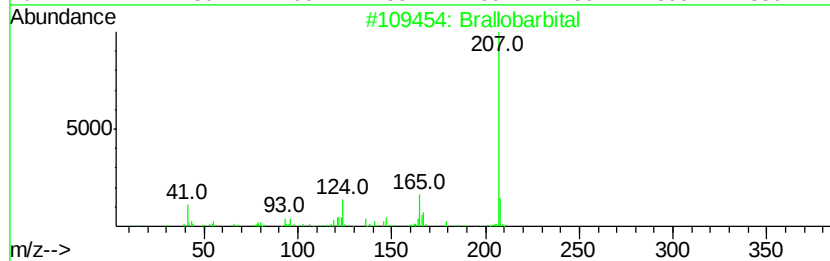
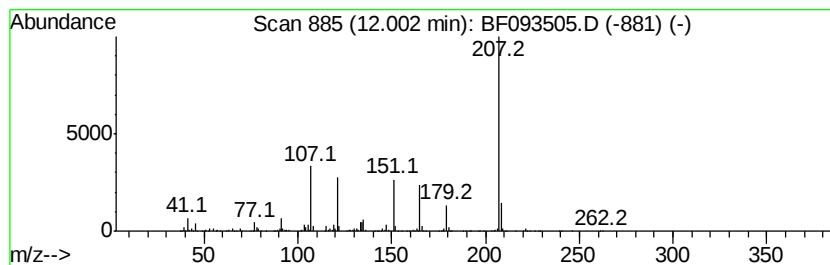
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.00 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	84.39 ng	5773320	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Brallobarbital	286	C10H11BrN2O3	000561-86-4	47
2		p-Cyanophenyl p-(2-propoxyethoxy)...	325	C19H19N04	067131-97-9	38
3		2-[3-(4-tert-Butyl-phenoxy)-2-hv...	370	C21H26N2O2S	1000294-86-1	33
4		Quinoline, 6-bromo-	207	C9H6BrN	005332-25-2	32
5		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030917\
 Data File : BF093505.D
 Acq On : 10 Mar 2017 4:59
 Operator : SJ/MA
 Sample : I2176-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.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	30.4	ng	4260800	1	6.76	2800240	20.0
Benzene, 1-methyl...	6.82	34.1	ng	4777160	1	6.76	2800240	20.0
Benzene, 1,2,4,5-...	7.56	36.3	ng	4098780	2	8.04	2258920	20.0
Naphthalene, deca...	7.67	27.6	ng	3113390	2	8.04	2258920	20.0
2-Propanol, 1-[1-...	8.29	136.0	ng	15357600	2	8.04	2258920	20.0
Octadecane	8.47	51.5	ng	5811610	2	8.04	2258920	20.0
1,4-Methanonaphth...	8.86	36.6	ng	4137330	2	8.04	2258920	20.0
Dodecanoic acid	10.07	35.5	ng	4763140	3	9.78	2682570	20.0
Acetamide, N-(2,6...	10.71	75.3	ng	5154790	4	11.28	1368270	20.0
Pentanoic acid, 5...	10.77	134.5	ng	9203470	4	11.28	1368270	20.0
unknown10.81	10.81	127.4	ng	8718770	4	11.28	1368270	20.0
Phenol, m-tert-bu...	10.85	180.9	ng	12372900	4	11.28	1368270	20.0
4-tert-Butylpheny...	10.91	131.5	ng	8993600	4	11.28	1368270	20.0
Phenol, 4-(1,1-di...	10.95	106.5	ng	7284490	4	11.28	1368270	20.0
Phenol, 4-(1,1,3,...	11.00	152.7	ng	10447700	4	11.28	1368270	20.0
2-Methyl-4-hydrox...	11.03	70.1	ng	4796470	4	11.28	1368270	20.0
n-Hexadecanoic acid	11.83	46.8	ng	3200320	4	11.28	1368270	20.0
Valerophenone, 2'...	11.90	37.0	ng	2528560	4	11.28	1368270	20.0
unknown12.00	12.00	84.4	ng	5773320	4	11.28	1368270	20.0