

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083237.D
 Acq On : 24 Nov 2015 15:21
 Operator : UM/IZ
 Sample : G4503-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

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-BF112115.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	4.730	234	240	244	rBV	559570	877724	4.94%	0.250%
2	5.198	279	281	290	rBV	1747915	2551804	14.36%	0.727%
3	5.621	317	318	323	rVB	347410	408144	2.30%	0.116%
4	5.919	342	344	346	rBV	274007	294319	1.66%	0.084%
5	6.033	349	354	358	rVB3	187896	425916	2.40%	0.121%
6	6.113	358	361	364	rBV2	273475	458632	2.58%	0.131%
7	6.284	374	376	378	rBV	1306080	1632974	9.19%	0.465%
8	6.319	378	379	382	rVB	226330	319415	1.80%	0.091%
9	6.387	382	385	388	rBV	4705970	4825067	27.15%	1.375%
10	6.604	403	404	406	rBV	927213	1253887	7.06%	0.357%
11	6.673	408	410	412	rVB2	304810	348387	1.96%	0.099%
12	6.764	416	418	422	rBV2	3907391	6065753	34.13%	1.728%
13	6.821	422	423	425	rBV2	283246	379850	2.14%	0.108%
14	6.959	432	435	437	rBV2	450046	697274	3.92%	0.199%
15	7.027	440	441	443	rBV2	262646	314158	1.77%	0.090%
16	7.141	449	451	452	rBV2	290677	477187	2.69%	0.136%
17	7.187	452	455	459	rVB	4572631	5624213	31.65%	1.602%
18	7.256	459	461	464	rBV3	240352	489117	2.75%	0.139%
19	7.313	464	466	467	rBV2	251266	344209	1.94%	0.098%
20	7.347	467	469	471	rVB3	268818	355742	2.00%	0.101%
21	7.393	471	473	475	rBV	1649646	1885757	10.61%	0.537%
22	7.553	483	487	488	rBV3	266931	589698	3.32%	0.168%
23	7.599	489	491	492	rVB	320778	380637	2.14%	0.108%
24	7.644	492	495	498	rBV2	4563796	6458731	36.34%	1.840%
25	7.747	500	504	505	rVB2	1393670	2252132	12.67%	0.642%
26	7.793	505	508	511	rVB4	406623	513734	2.89%	0.146%
27	7.907	515	518	519	rBV2	2676731	5033733	28.32%	1.434%
28	7.930	519	520	521	rVB	3439780	2357969	13.27%	0.672%
29	7.953	521	522	523	rBV	748223	697752	3.93%	0.199%
30	8.090	531	534	536	rBV3	487441	958894	5.40%	0.273%
31	8.182	538	542	544	rVV5	1122900	3364409	18.93%	0.959%
32	8.262	546	549	550	rVV3	772580	1302165	7.33%	0.371%
33	8.296	550	552	554	rVV2	2149566	2525461	14.21%	0.720%
34	8.342	554	556	557	rVV2	696424	1362198	7.66%	0.388%

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35	8.376	557	559	560	rVV	2774419	3164628	17.81%	0.902%
36	8.410	560	562	564	rVV3	1244831	2432922	13.69%	0.693%
37	8.502	568	570	572	rVV2	1617306	2354606	13.25%	0.671%
38	8.570	572	576	578	rVV2	2511338	4729309	26.61%	1.347%
39	8.627	578	581	582	rVV	4964474	7874563	44.31%	2.243%
40	8.662	582	584	586	rVV2	1536639	3031481	17.06%	0.864%
41	8.730	586	590	592	rVV2	10377936	17772256	100.00%	5.063%
42	8.787	593	595	596	rVV	1772206	2492548	14.02%	0.710%
43	8.822	596	598	599	rVV2	981356	1652088	9.30%	0.471%
44	8.867	599	602	603	rVV2	2626173	4755505	26.76%	1.355%
45	8.902	603	605	607	rVV2	3107272	4998016	28.12%	1.424%
46	8.947	607	609	610	rVV2	1439558	2417146	13.60%	0.689%
47	8.993	610	613	615	rVV	6346888	8943012	50.32%	2.548%
48	9.039	616	617	619	rVV2	1365284	1897166	10.67%	0.541%
49	9.153	622	627	628	rVV5	1931205	6103064	34.34%	1.739%
50	9.187	628	630	633	rVV3	2040763	4136032	23.27%	1.178%
51	9.245	633	635	638	rVV2	4524324	8253443	46.44%	2.351%
52	9.325	640	642	643	rVV	6606115	9433223	53.08%	2.688%
53	9.405	646	649	651	rVV3	2996804	8114734	45.66%	2.312%
54	9.439	651	652	655	rVV	3625686	5493561	30.91%	1.565%
55	9.519	656	659	661	rVV	3869128	5966452	33.57%	1.700%
56	9.565	661	663	665	rVV3	1225393	2800074	15.76%	0.798%
57	9.622	665	668	670	rVV3	1683372	4536764	25.53%	1.293%
58	9.656	670	671	675	rVV4	3111116	7122942	40.08%	2.029%
59	9.759	678	680	681	rVV2	1857987	3090369	17.39%	0.880%
60	9.862	685	689	690	rVV3	3395479	8324781	46.84%	2.372%
61	9.908	691	693	697	rVV2	3394951	7782635	43.79%	2.217%
62	9.976	697	699	700	rVV2	2114570	3091006	17.39%	0.881%
63	10.010	700	702	703	rVV	1595149	2687027	15.12%	0.766%
64	10.056	703	706	707	rVV2	2144549	4845109	27.26%	1.380%
65	10.102	707	710	711	rVV2	2444547	5216530	29.35%	1.486%
66	10.159	711	715	717	rVV4	1733615	4789428	26.95%	1.365%
67	10.193	717	718	720	rVV2	2101132	3674559	20.68%	1.047%
68	10.285	722	726	728	rVV2	4002484	10784921	60.68%	3.073%
69	10.342	728	731	736	rVV5	3235392	8331941	46.88%	2.374%
70	10.445	736	740	744	rVV6	3032484	8287739	46.63%	2.361%
71	10.502	744	745	746	rVV	1582899	1550238	8.72%	0.442%

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72	10.525	746	747	751	rVV3	1505356	3842689	21.62%	1.095%
73	10.593	751	753	756	rVV2	2345897	4093752	23.03%	1.166%
74	10.673	756	760	763	rVV5	2740396	7443803	41.88%	2.121%
75	10.799	763	771	773	rVV2	5218929	17710926	99.65%	5.046%
76	10.845	773	775	778	rVV4	977626	2502996	14.08%	0.713%
77	10.936	781	783	787	rVV4	982653	1842654	10.37%	0.525%
78	11.028	789	791	792	rVB	303219	325886	1.83%	0.093%
79	11.142	797	801	806	rVV3	4171049	11706220	65.87%	3.335%
80	11.279	806	813	815	rVV	4404792	14134701	79.53%	4.027%
81	11.336	815	818	821	rVV2	1484807	3544821	19.95%	1.010%
82	11.382	821	822	826	rVB	973966	973735	5.48%	0.277%
83	11.588	837	840	842	rBV	2640255	3657675	20.58%	1.042%
84	11.633	842	844	846	rVV2	975225	1810525	10.19%	0.516%
85	11.679	846	848	849	rVV2	1007101	1246434	7.01%	0.355%
86	11.713	849	851	852	rVV2	1157578	1275766	7.18%	0.363%
87	11.748	852	854	859	rVB	739697	1460532	8.22%	0.416%
88	11.828	859	861	862	rBV	436561	475229	2.67%	0.135%
89	11.851	862	863	866	rBV2	521615	670442	3.77%	0.191%
90	11.908	866	868	871	rBV2	299731	556305	3.13%	0.158%
91	11.965	871	873	875	rVB	455329	613210	3.45%	0.175%
92	12.136	884	888	890	rBV4	280966	670443	3.77%	0.191%
93	12.182	890	892	898	rVB3	518558	1034302	5.82%	0.295%
94	12.399	909	911	915	rVB4	207614	398108	2.24%	0.113%
95	12.479	915	918	921	rBV	1394842	1598906	9.00%	0.456%
96	12.719	936	939	941	rVB	3772123	3510115	19.75%	1.000%
97	13.759	1027	1030	1032	rBV	1058885	1134549	6.38%	0.323%
98	15.119	1146	1149	1151	rBV	683975	991237	5.58%	0.282%
99	15.748	1201	1204	1209	rBV	337077	566327	3.19%	0.161%
100	16.251	1244	1248	1254	rVB	218540	444492	2.50%	0.127%

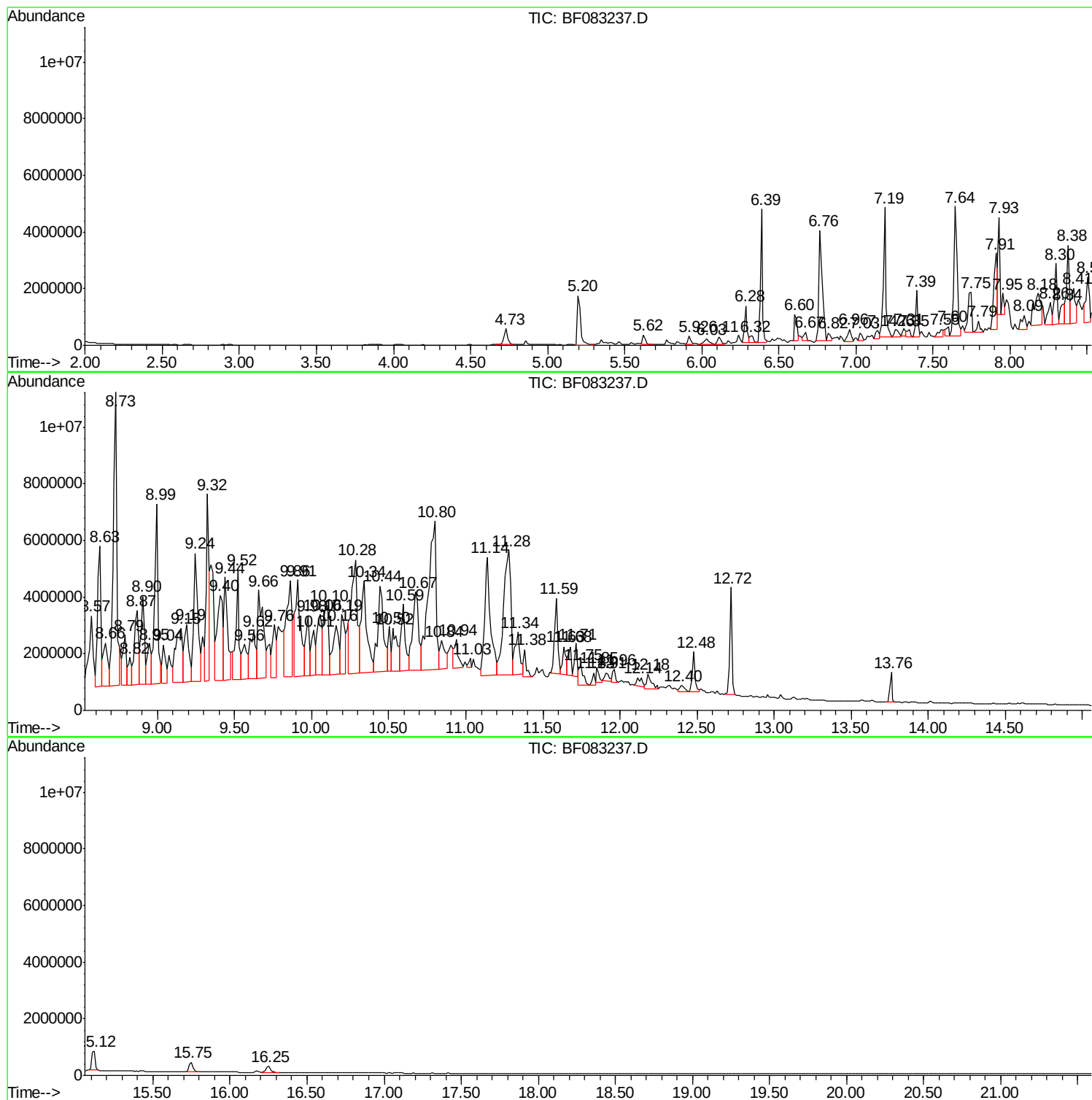
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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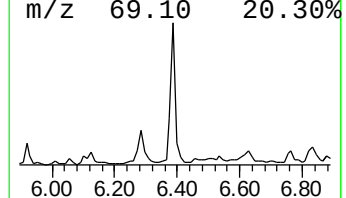
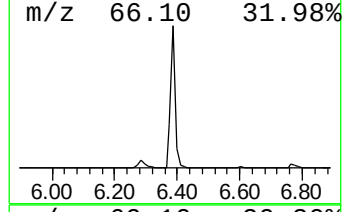
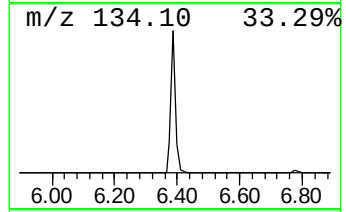
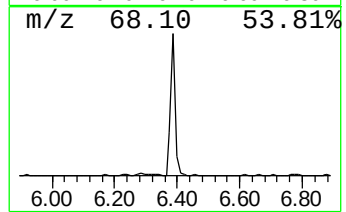
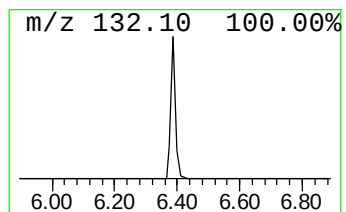
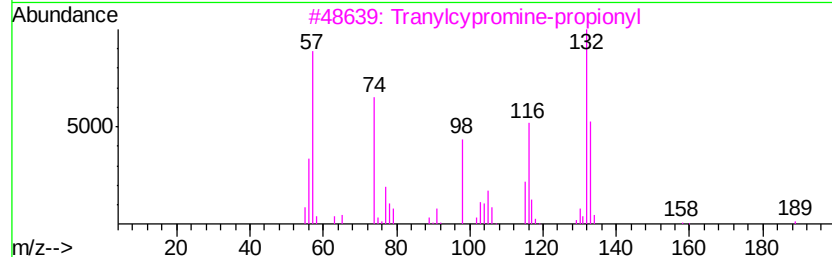
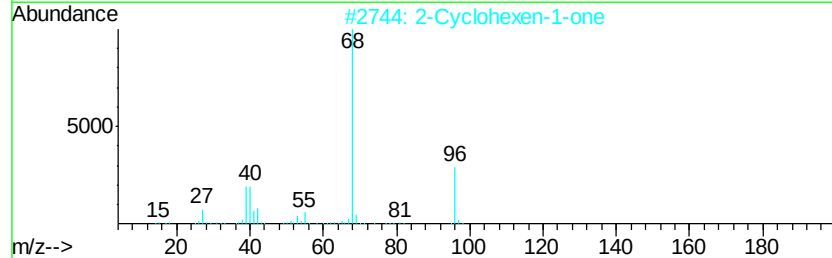
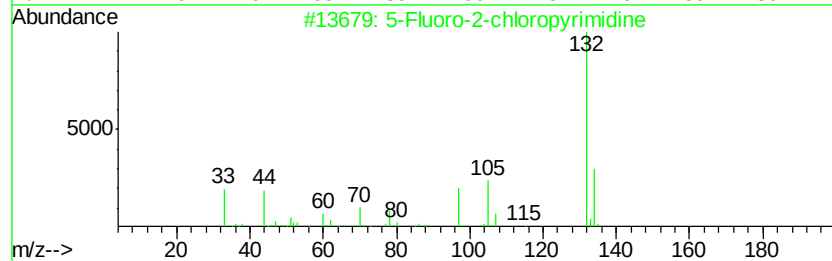
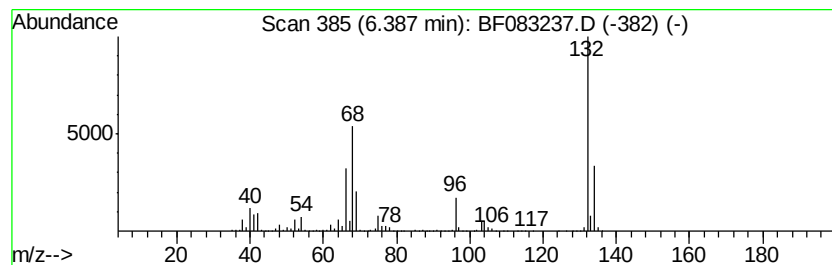
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.39 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	76.96 ng	4825070	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Xenon	132	Xe	007440-63-3	9



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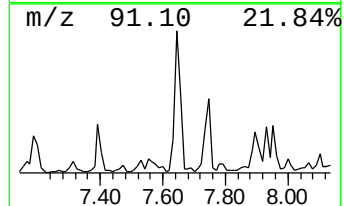
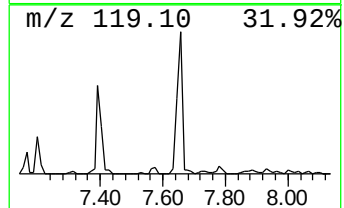
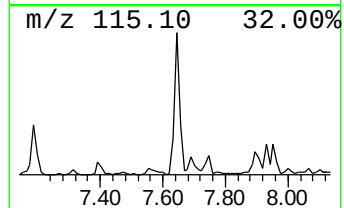
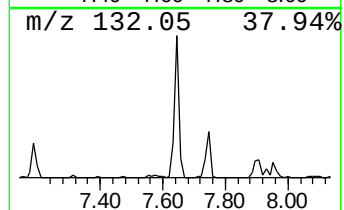
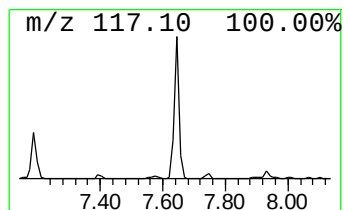
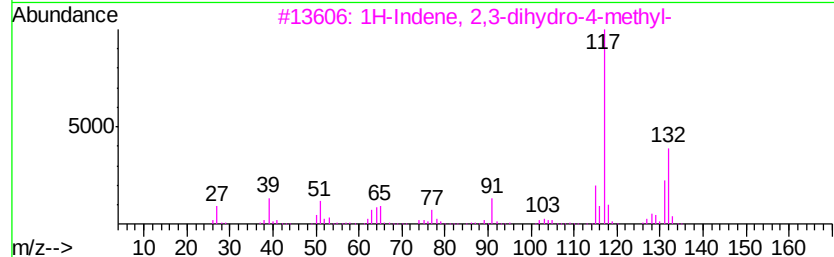
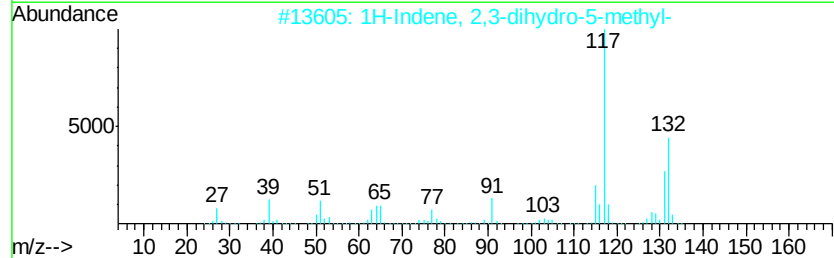
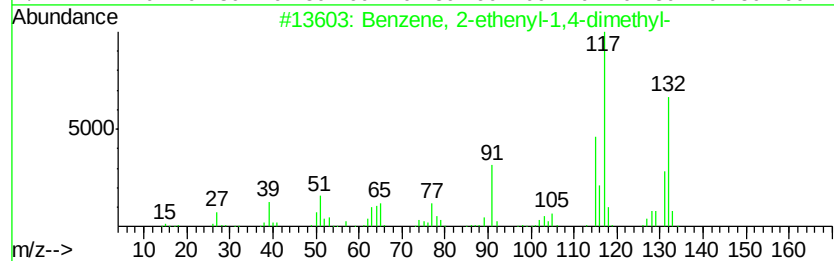
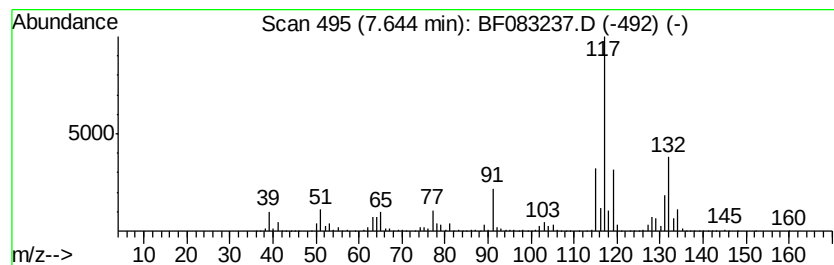
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	25.66 ng	6458730	Napthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	94
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	91
5		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91



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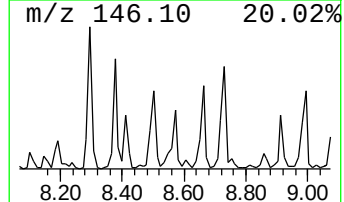
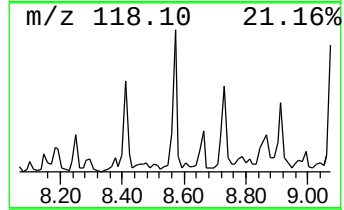
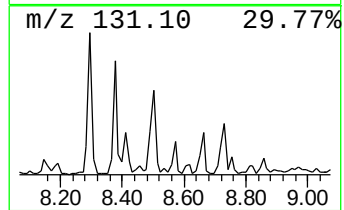
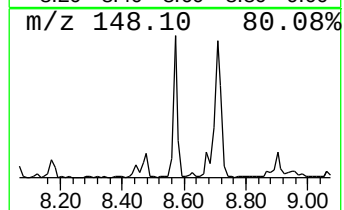
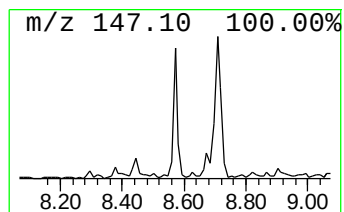
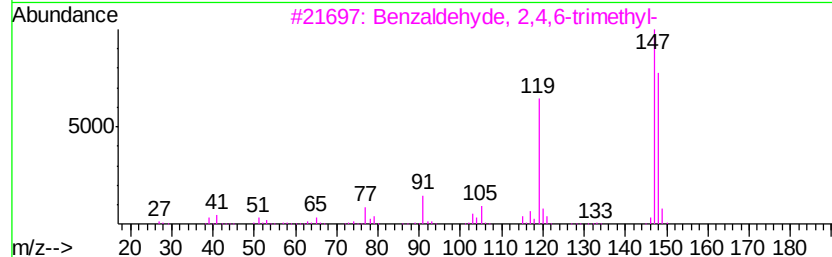
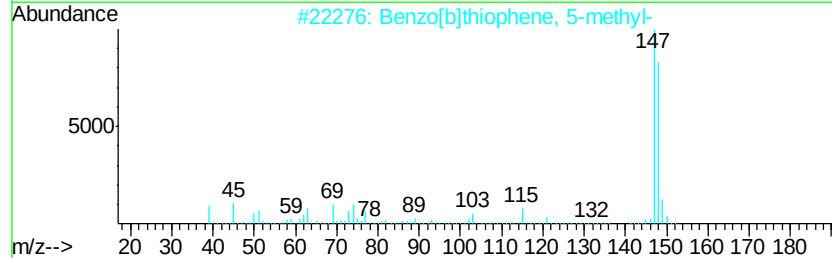
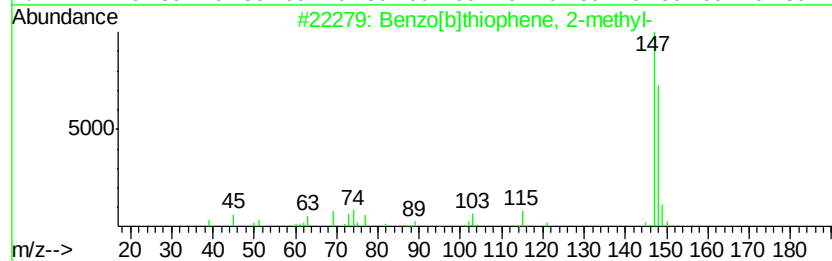
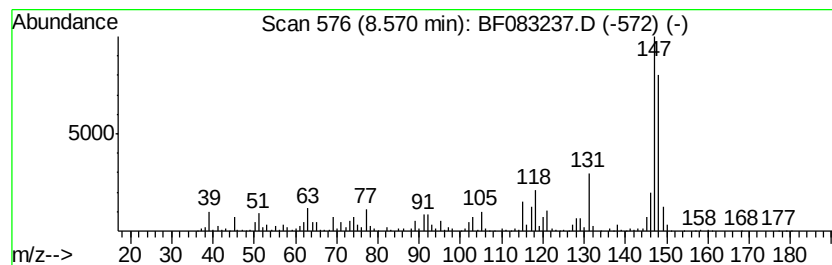
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Peak Number 4 Benzo[b]thiophene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.57	18.79 ng	4729310	Naphthalene-d8	7.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	70
2		Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	70
3		Benzaldehyde, 2,4,6-trimethyl-	148	C10H12O	000487-68-3	64
4		3-Methylbenzothiophene	148	C9H8S	001455-18-1	62
5		Benzaldehyde, 2,4,5-trimethyl-	148	C10H12O	005779-72-6	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5

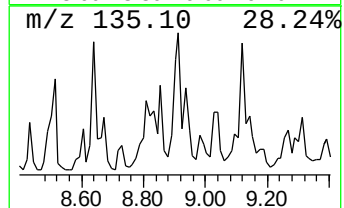
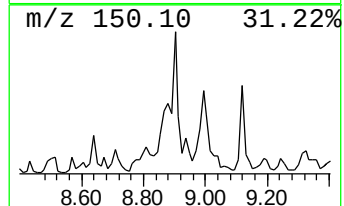
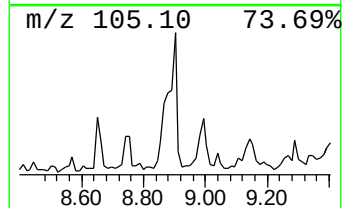
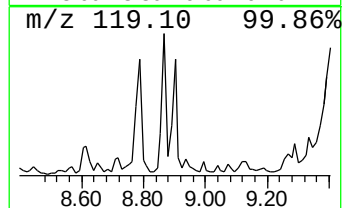
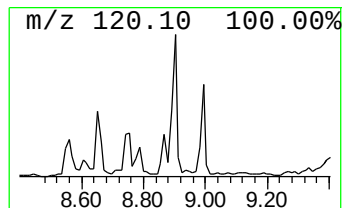
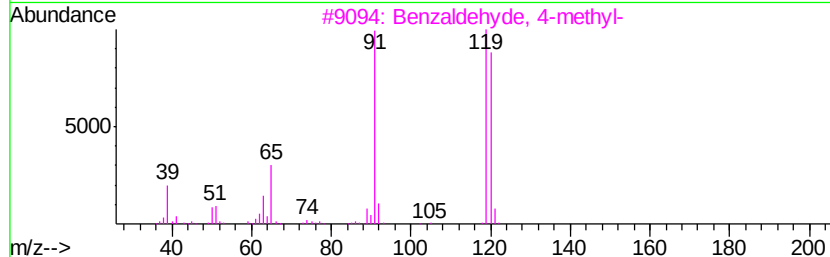
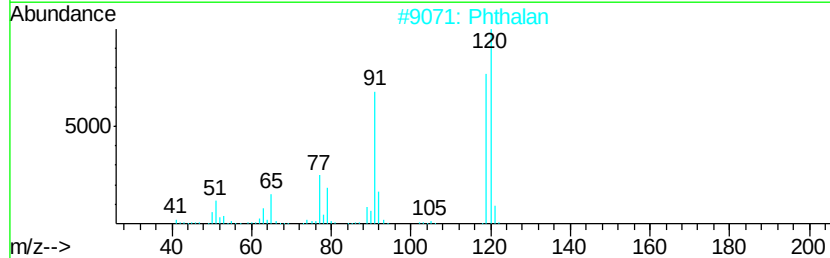
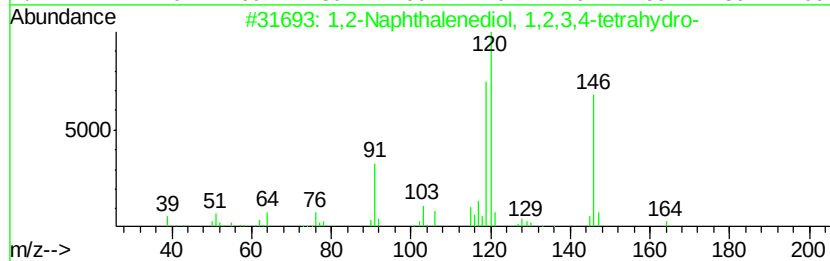
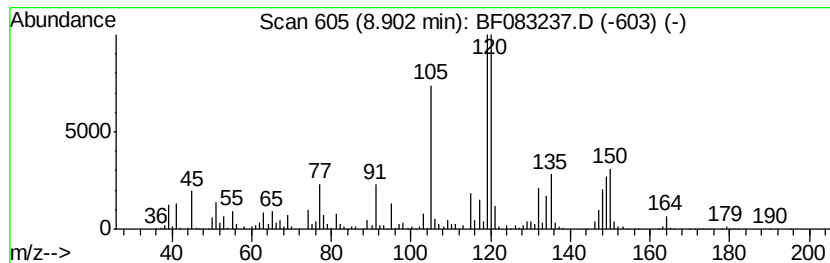
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown8.90 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	14.03 ng	4998020	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Naphthalenediol, 1,2,3,4-tet...	164	C10H12O2	041137-14-8	49
2		Phthalan	120	C8H8O	000496-14-0	46
3		Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	46
4		Benzenamine, N-ethyl-N-methyl-	135	C9H13N	000613-97-8	30
5		Ethanol, 2-[(3-methylphenyl)amino]-	151	C9H13NO	000102-41-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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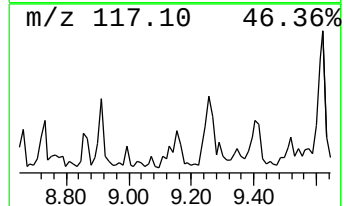
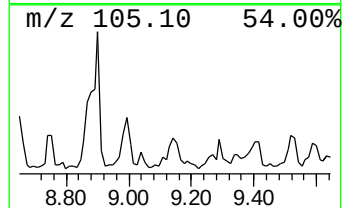
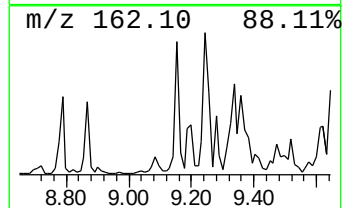
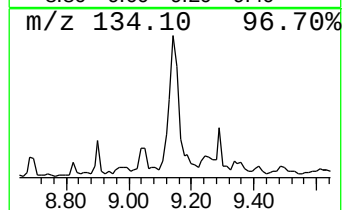
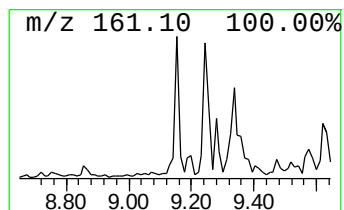
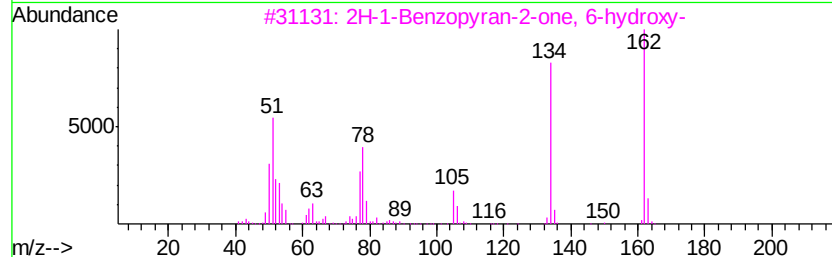
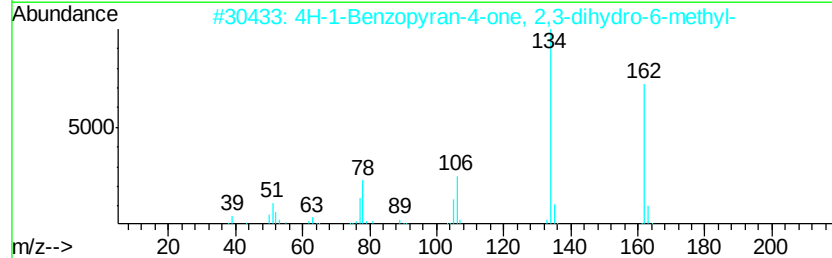
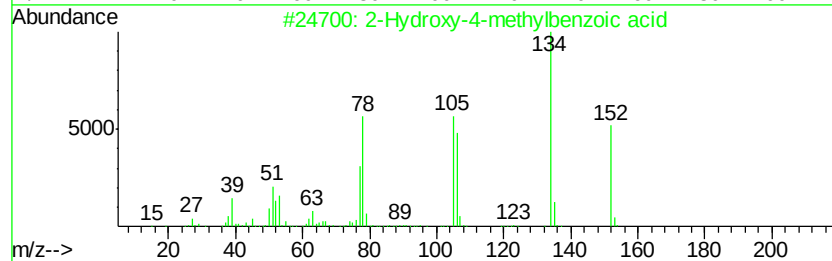
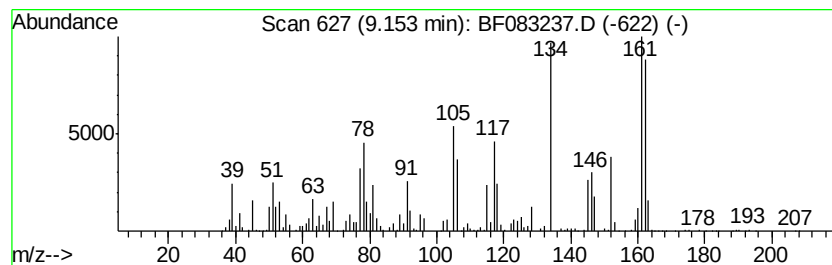
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Hydroxy-4-methylbenzoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	17.14 ng	6103060	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	83
2		4H-1-Benzopyran-4-one, 2,3-dihyd...	162	C10H10O2	039513-75-2	43
3		2H-1-Benzopyran-2-one, 6-hydroxy-	162	C9H6O3	006093-68-1	41
4		5-Hydroxy-1-tetralone	162	C10H10O2	028315-93-7	41
5		4-Piperidinopyridine	162	C10H14N2	002767-90-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

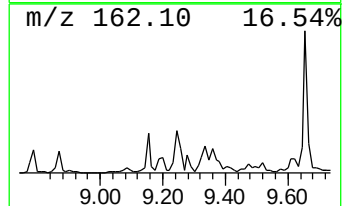
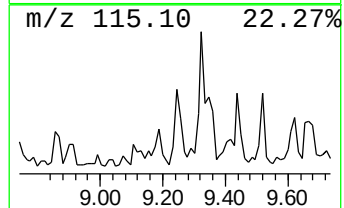
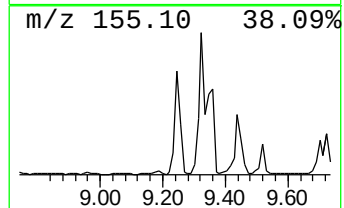
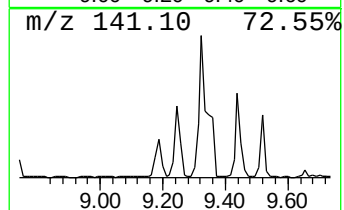
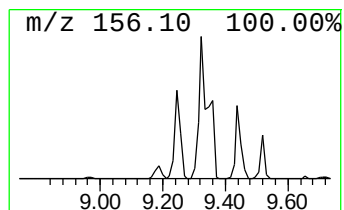
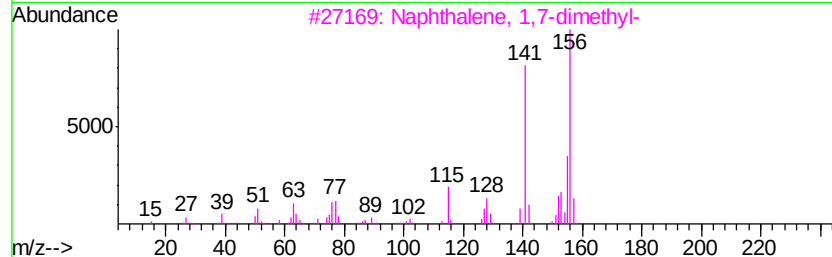
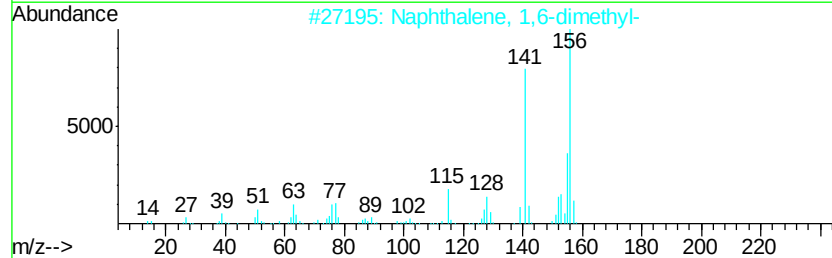
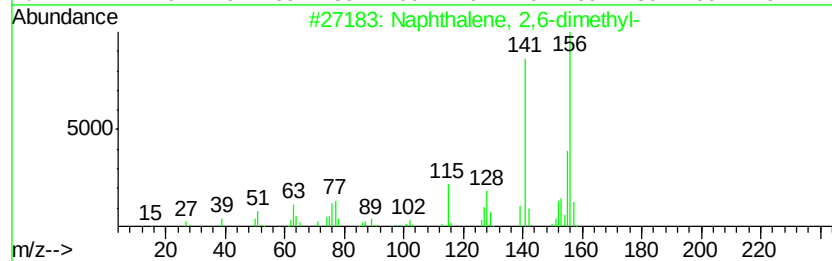
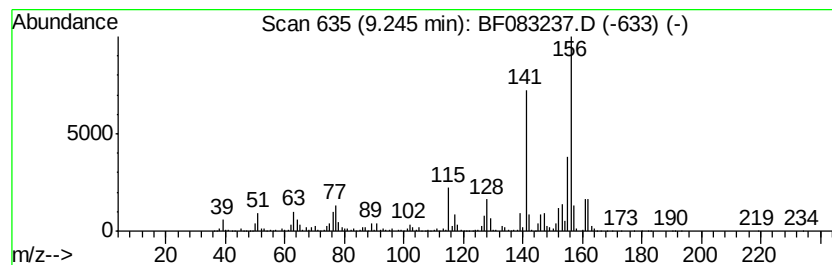
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	23.17 ng	8253440	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
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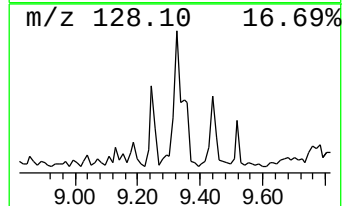
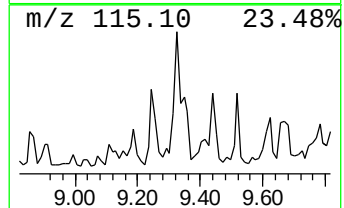
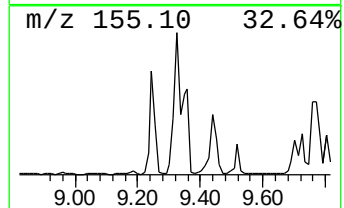
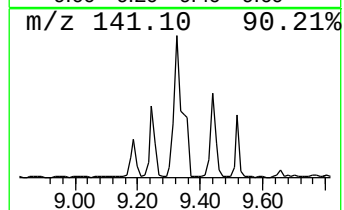
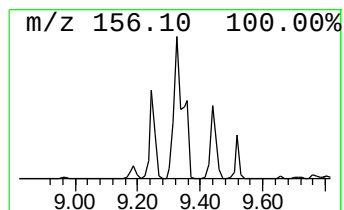
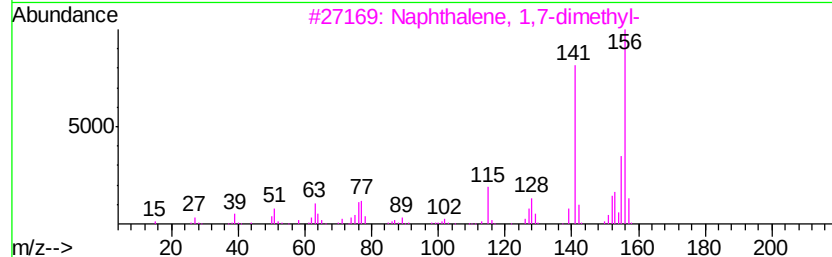
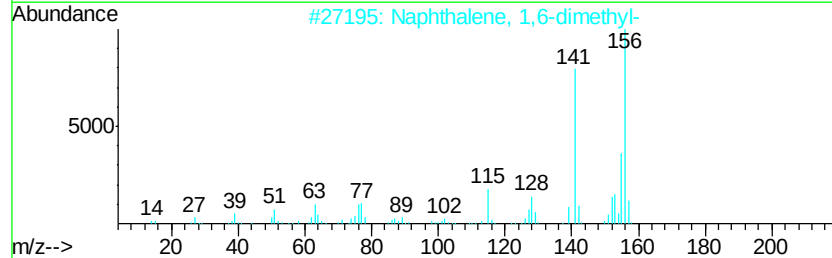
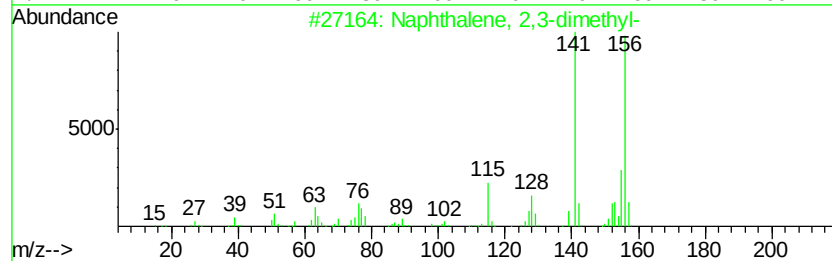
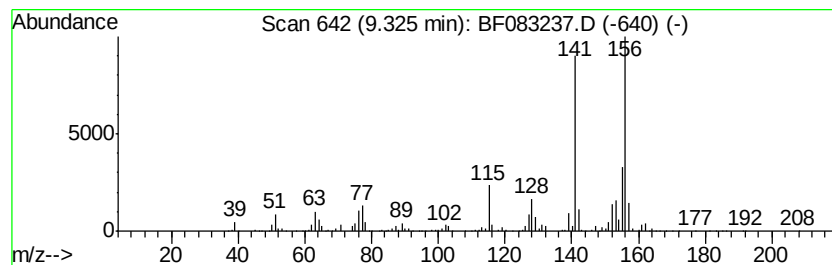
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	26.49 ng	9433220	Acenaphthene-d10	9.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
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Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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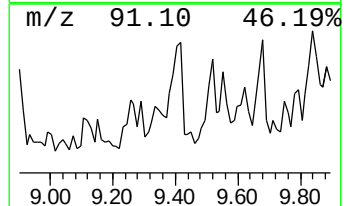
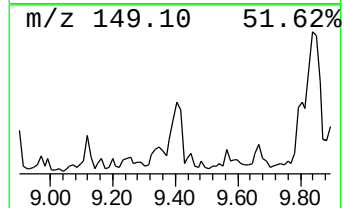
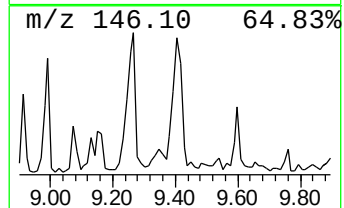
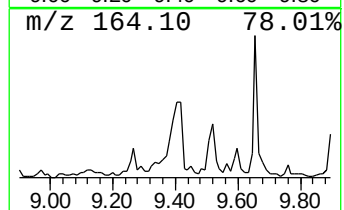
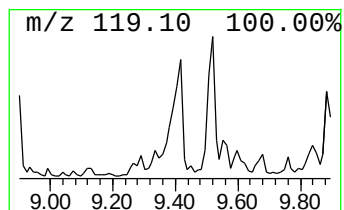
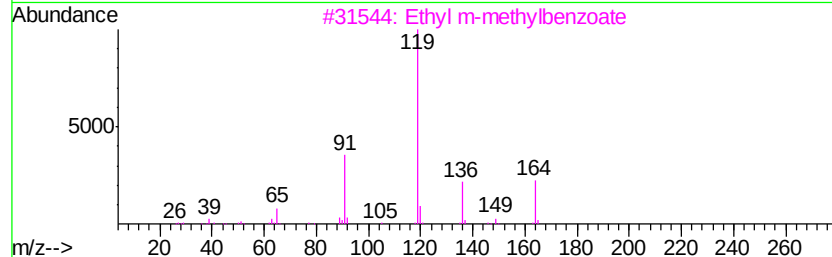
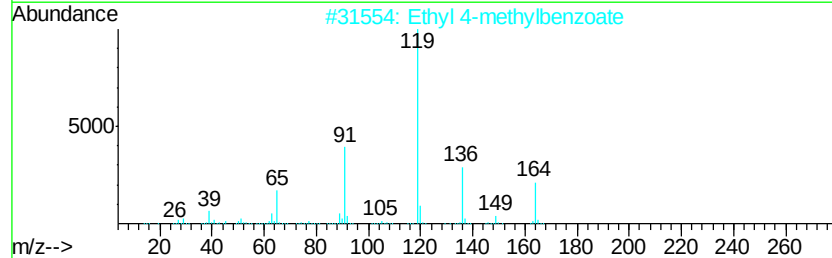
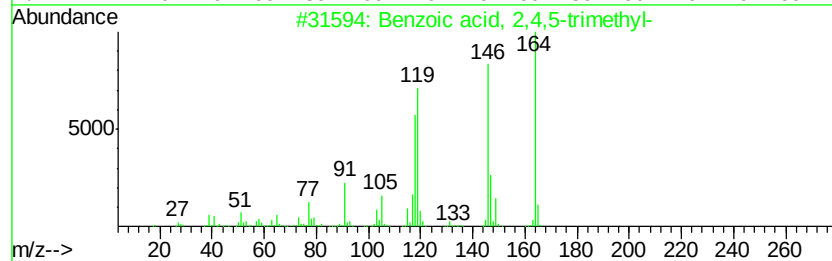
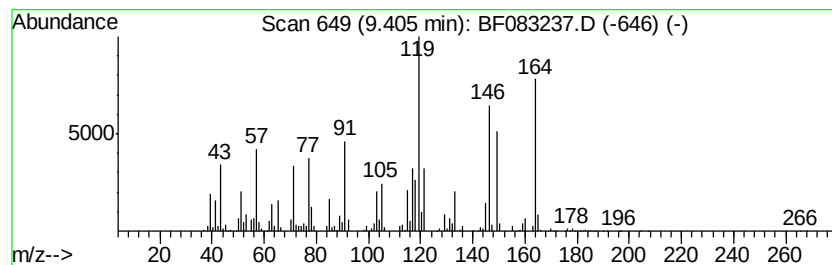
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	22.78 ng	8114730	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	70
2		Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	50
3		Ethyl m-methylbenzoate	164	C10H12O2	000120-33-2	43
4		N-Methyl-o-toluamide	149	C9H11NO	002170-09-4	27
5		Phenol, 2-methoxy-4-(1-propenyl)-	164	C10H12O2	000097-54-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
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Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
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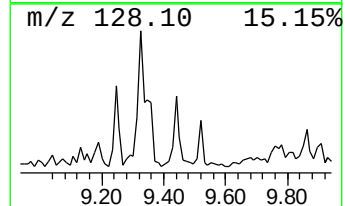
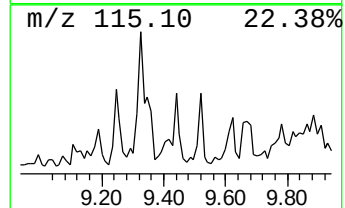
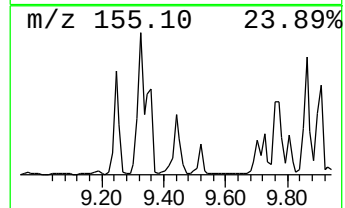
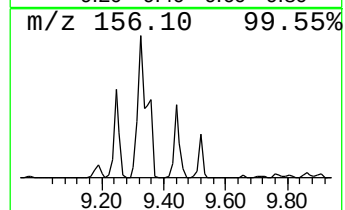
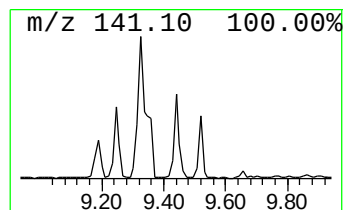
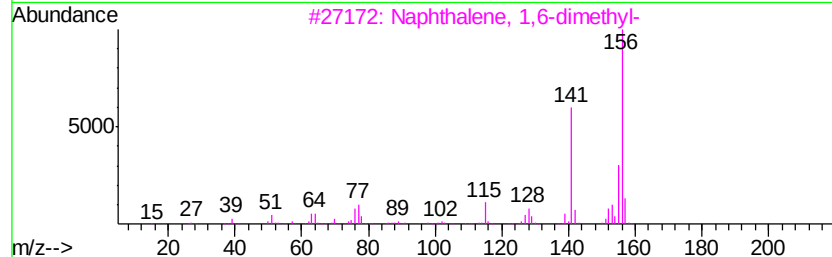
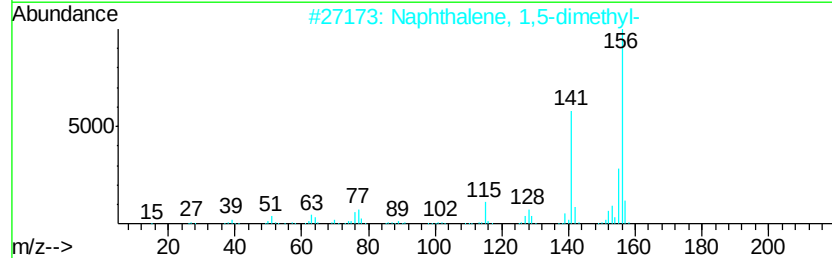
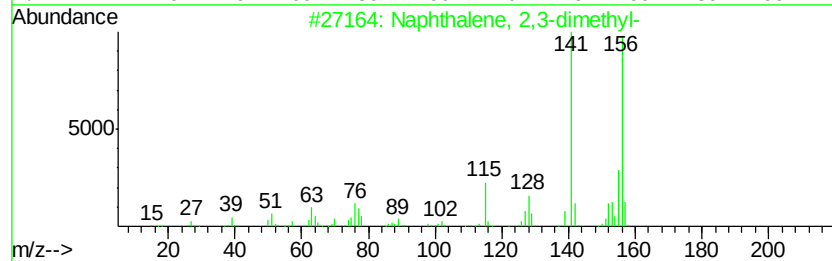
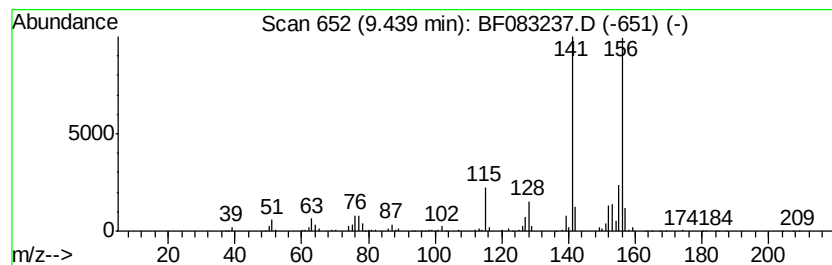
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.44 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	15.43 ng	5493560	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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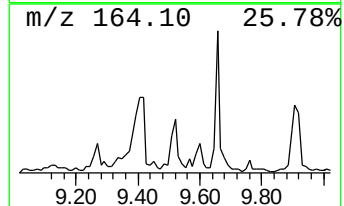
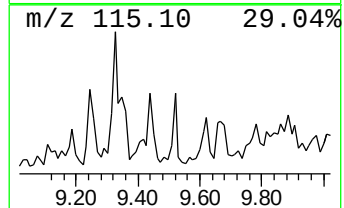
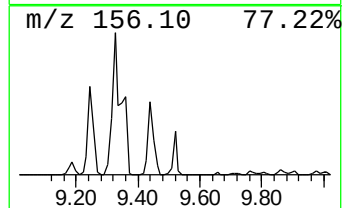
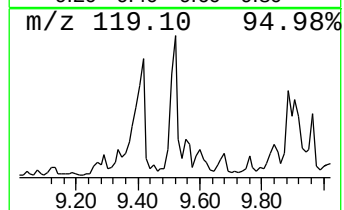
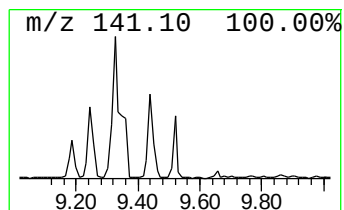
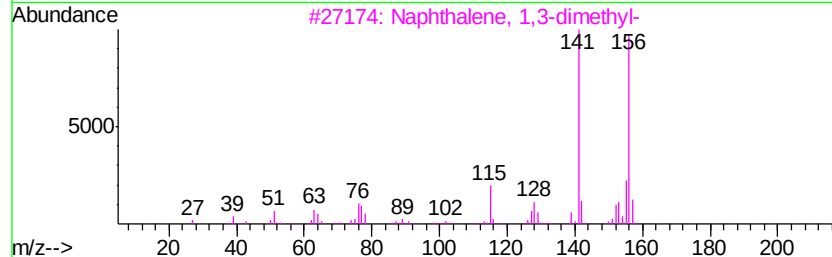
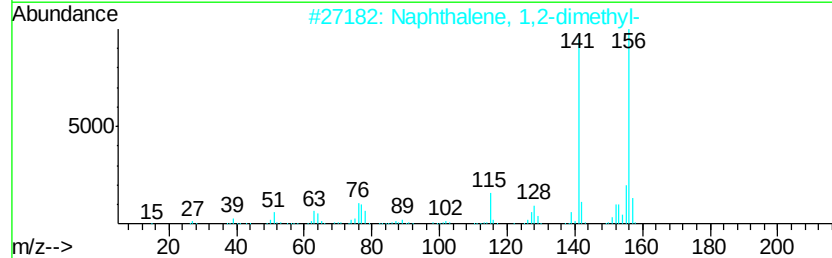
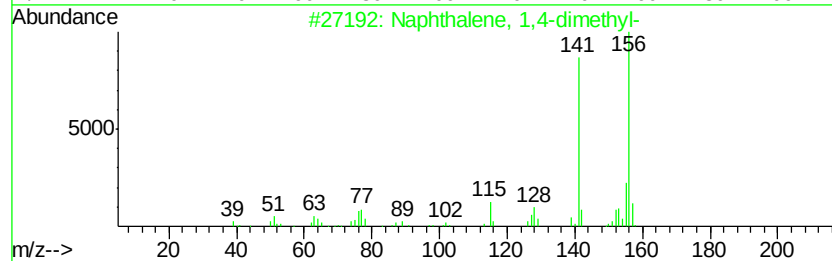
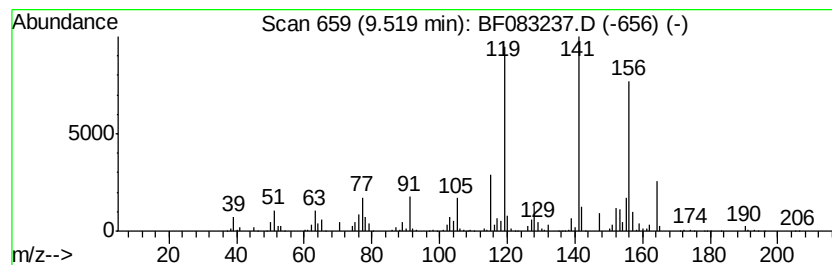
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	16.75 ng	5966450	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
2		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

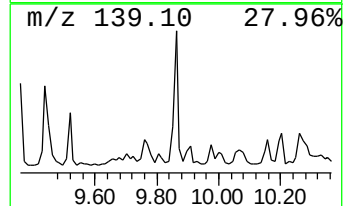
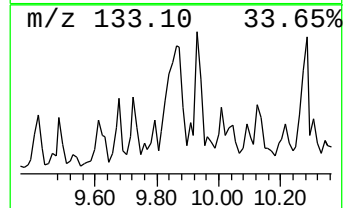
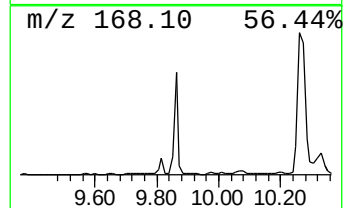
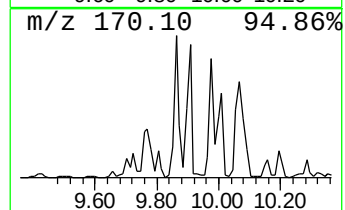
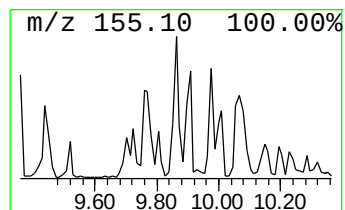
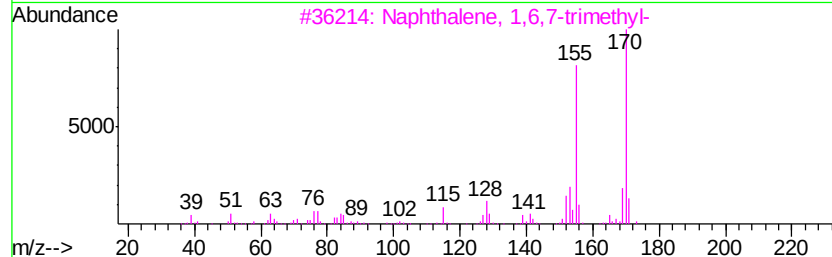
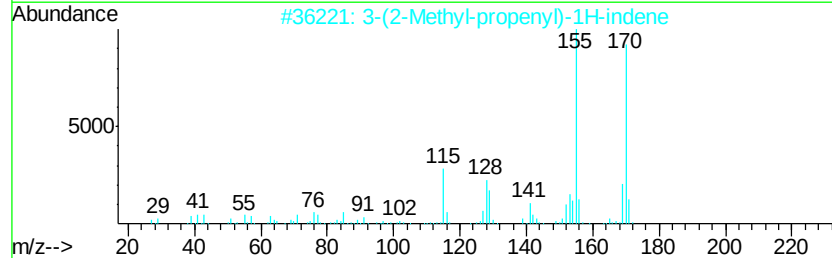
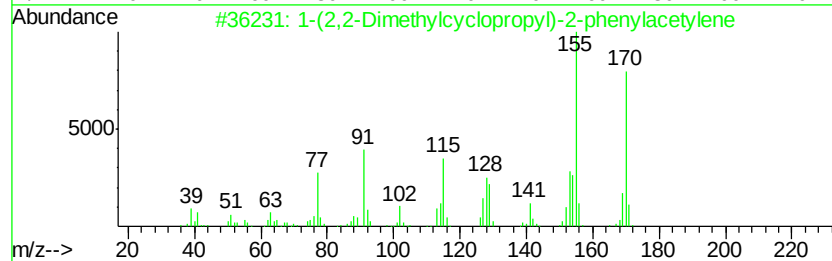
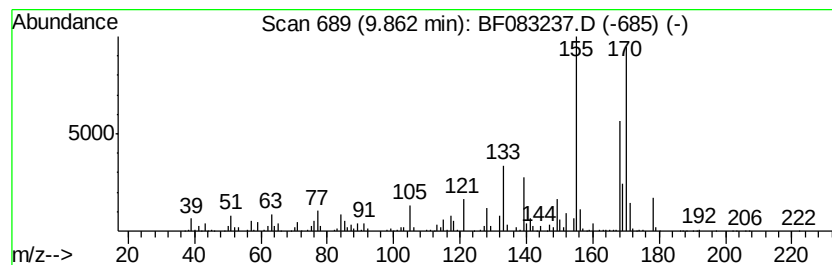
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	23.37 ng	8324780	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	62
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	58
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	52
5		Metharbital	198	C9H14N2O3	000050-11-3	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
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Instrument :
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ClientSampleId :
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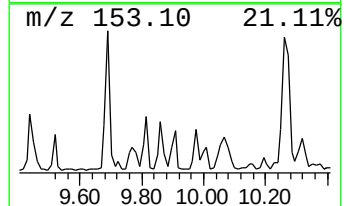
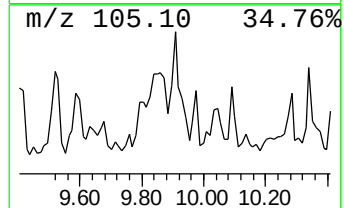
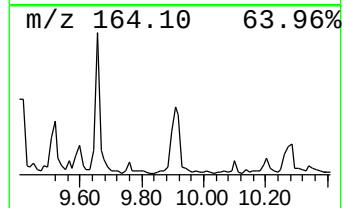
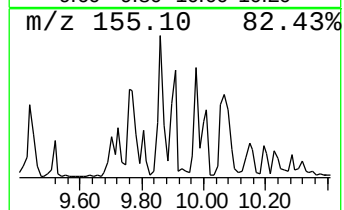
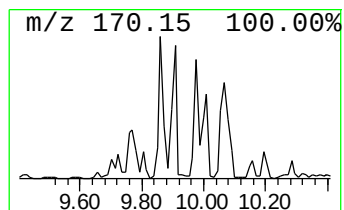
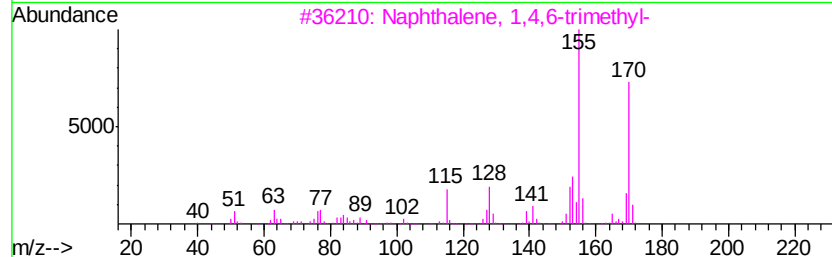
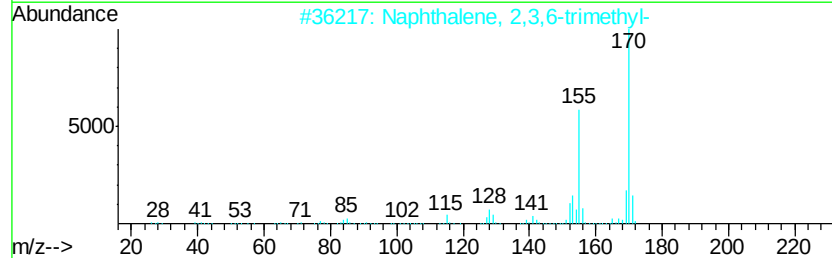
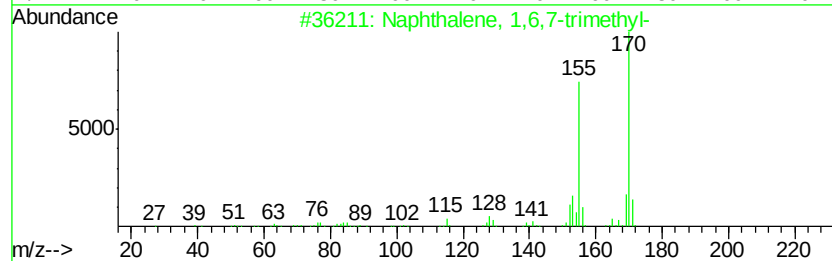
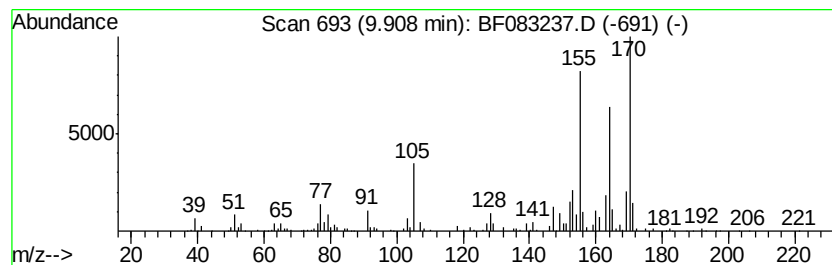
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	21.85 ng	7782640	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

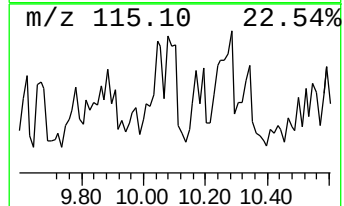
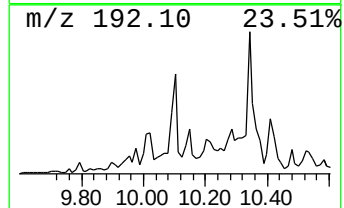
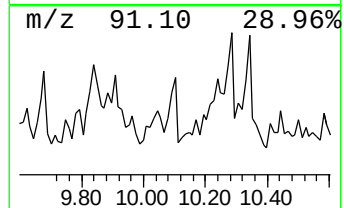
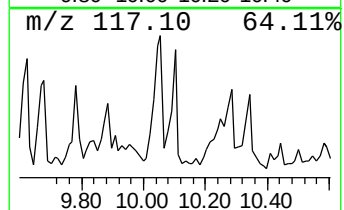
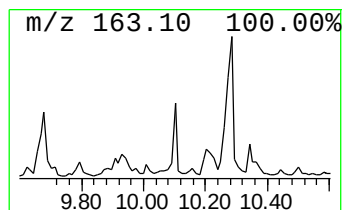
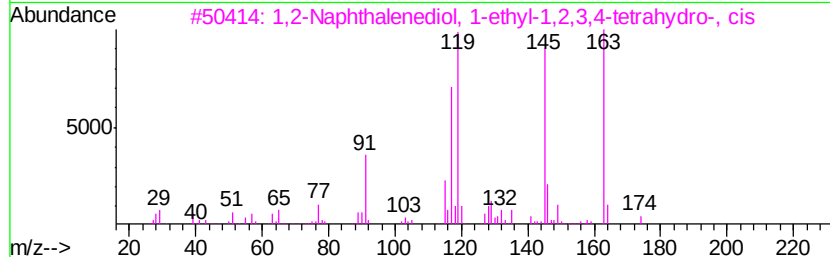
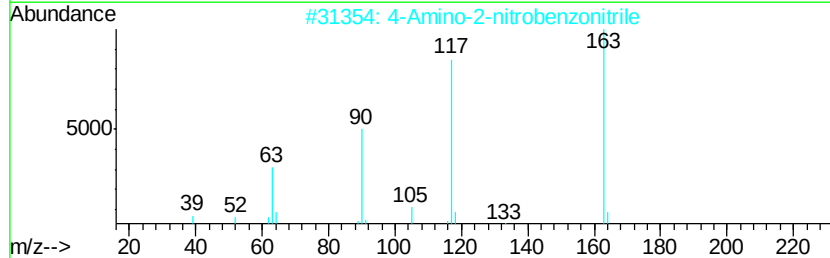
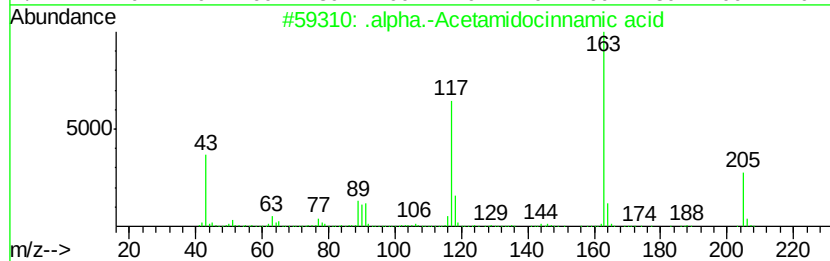
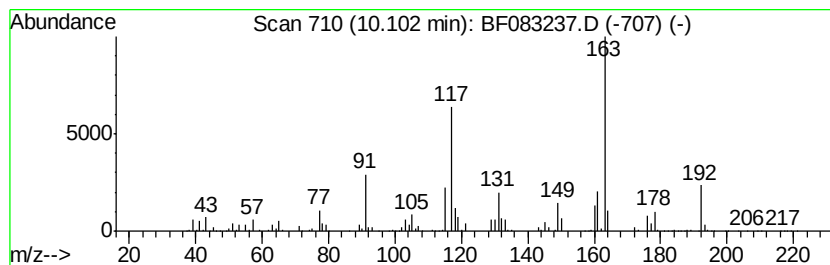
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.10 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	14.65 ng	5216530	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Acetamidocinnamic acid	205	C11H11N03	005469-45-4	47
2		4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	47
3		1,2-Naphthalenediol, 1-ethyl-1,2...	192	C12H16O2	056588-35-3	40
4		Butyric acid, 4-bromo-4-phenyl-	242	C10H11BrO2	019078-75-2	38
5		Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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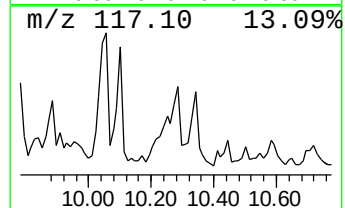
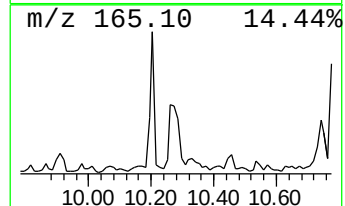
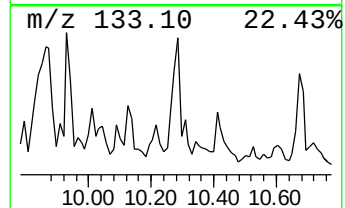
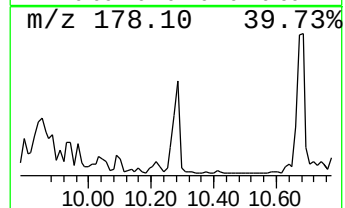
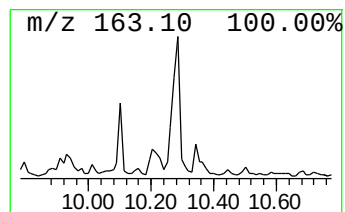
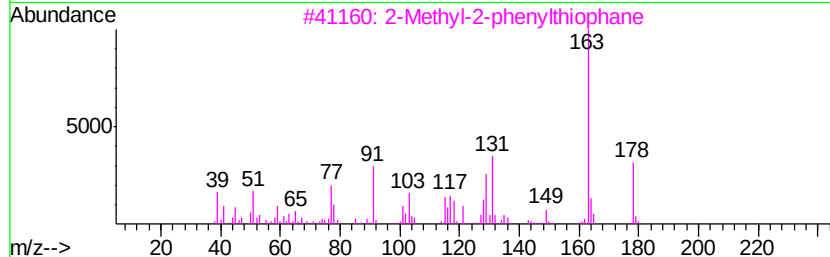
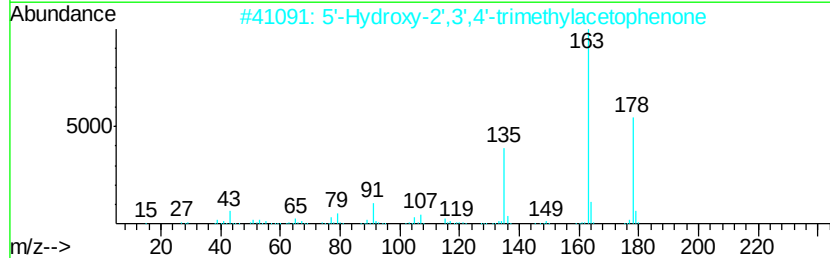
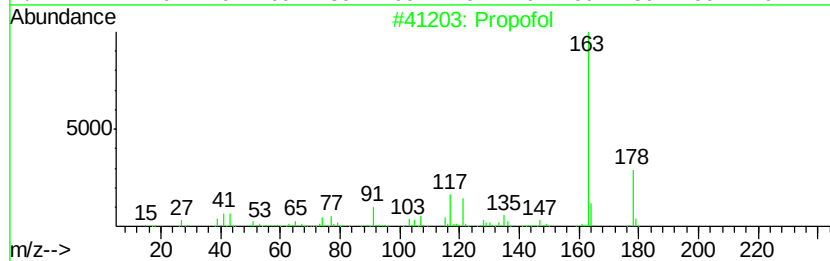
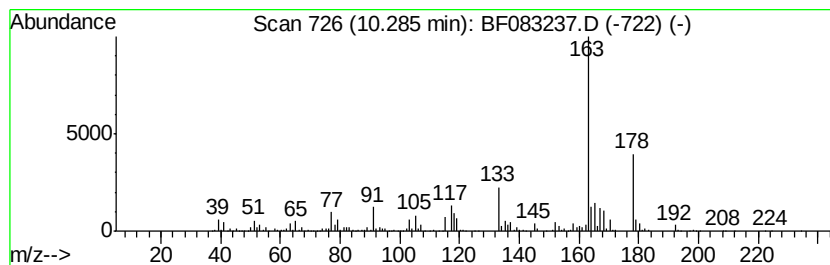
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Propofol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	30.28 ng	10784900	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propofol	178	C12H18O	002078-54-8	62
2		5'-Hydroxy-2',3',4'-trimethylace...	178	C11H14O2	013667-28-2	58
3		2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	52
4		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	52
5		Imidazole, 4,5-dichloro-2-isopro...	178	C6H8Cl2N2	1000262-40-5	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
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Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5

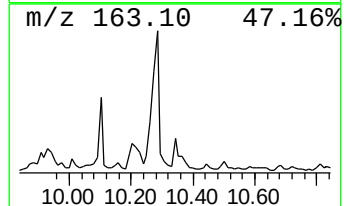
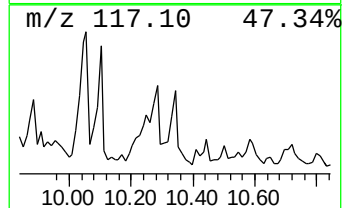
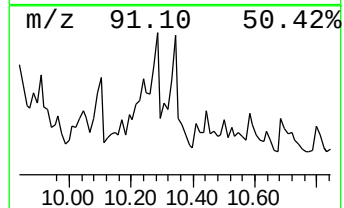
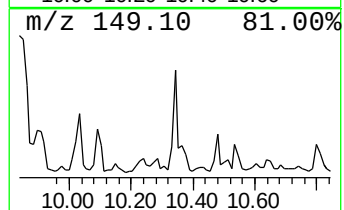
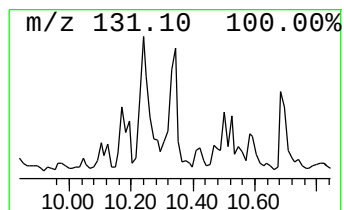
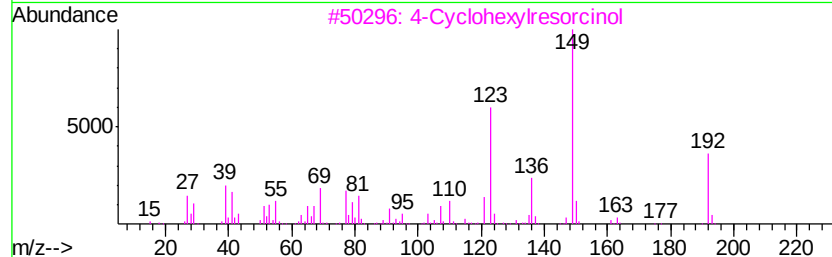
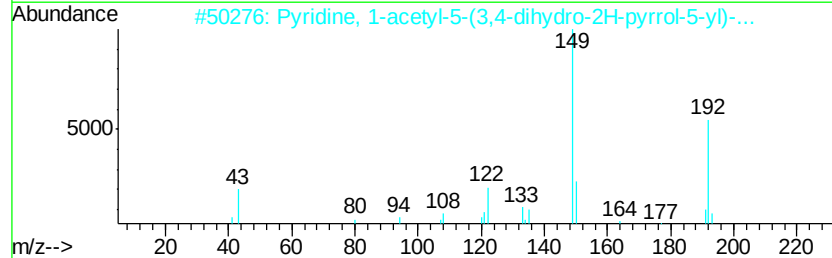
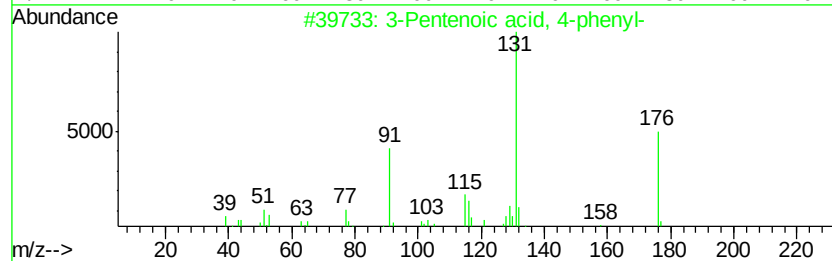
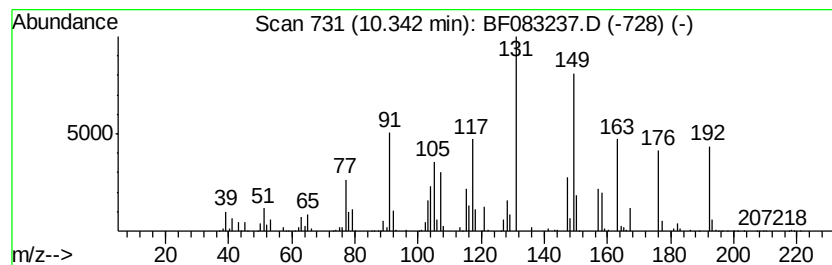
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.34 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	23.39 ng	8331940	Acenaphthene-d10	9.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	18
2		Pyridine, 1-acetyl-5-(3,4-dihydr...	192	C11H16N2O	054966-57-3	14
3		4-Cyclohexylresorcinol	192	C12H16O2	002138-20-7	14
4		4-Amino-2-(4'-cyanobutyl)-5,6-tr...	216	C12H16N4	030036-58-9	14
5		1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-5

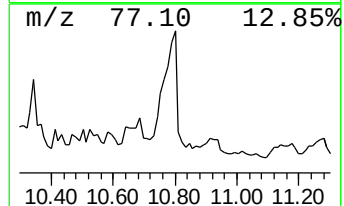
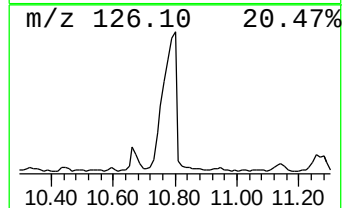
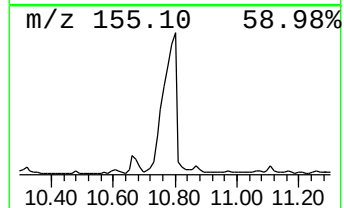
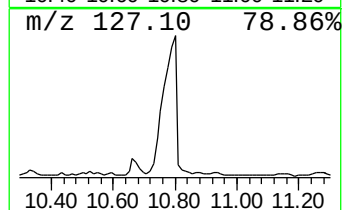
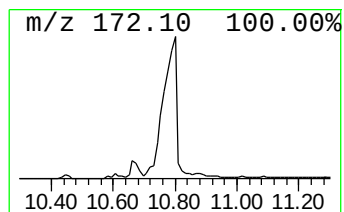
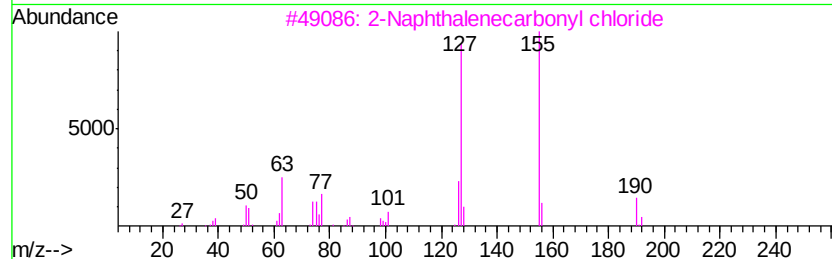
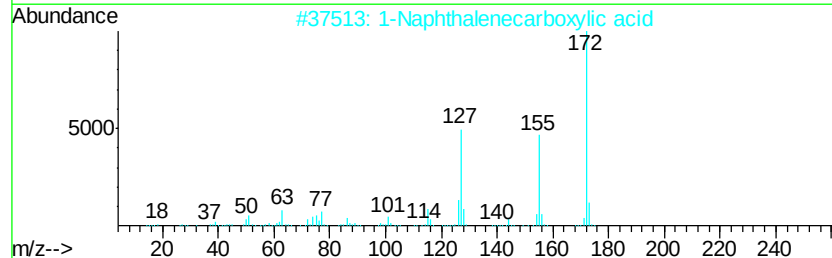
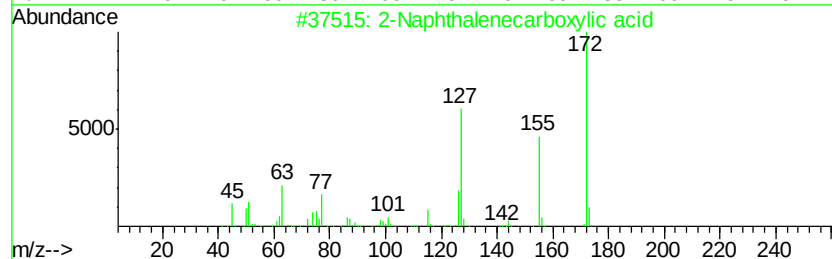
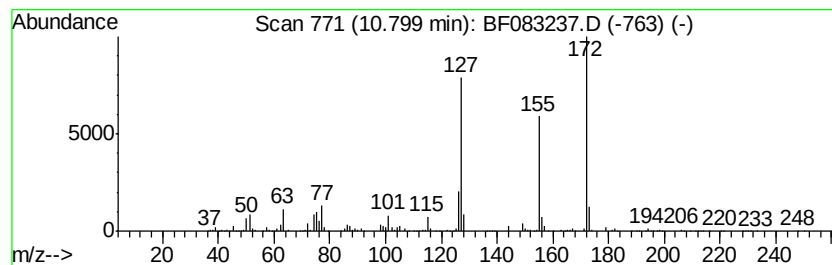
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2-Naphthalenecarboxylic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	30.26 ng	17710900	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Naphthalenecarboxylic acid	172	C11H8O2	000093-09-4	95
2		1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	76
3		2-Naphthalenecarbonyl chloride	190	C11H7ClO	002243-83-6	47
4		.alpha.-Naphthoylhydrazine	186	C11H10N2O	043038-45-5	46
5		Naphthalene, 2-nitro-	173	C10H7NO2	000581-89-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
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Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

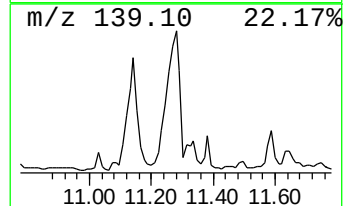
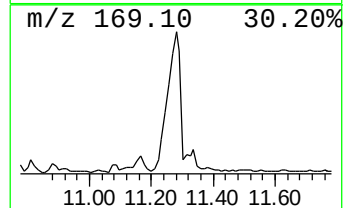
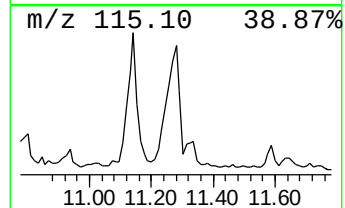
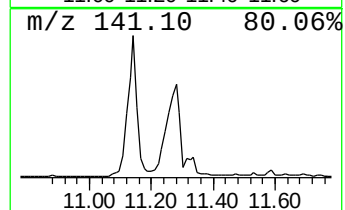
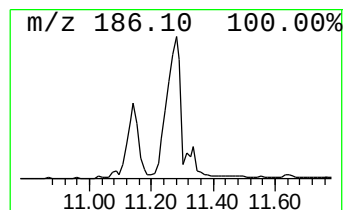
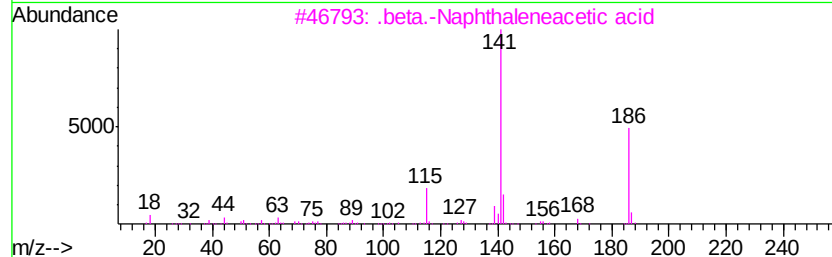
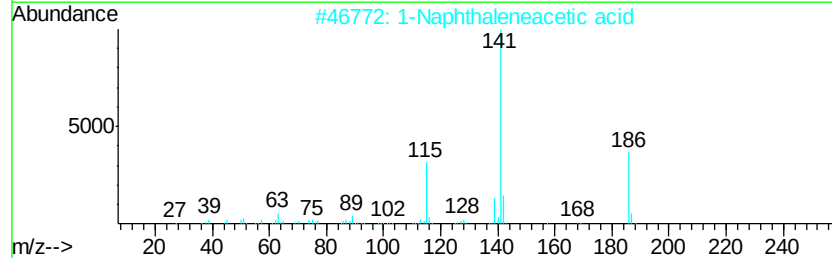
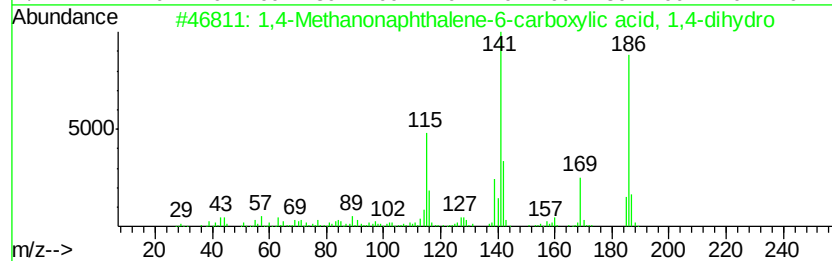
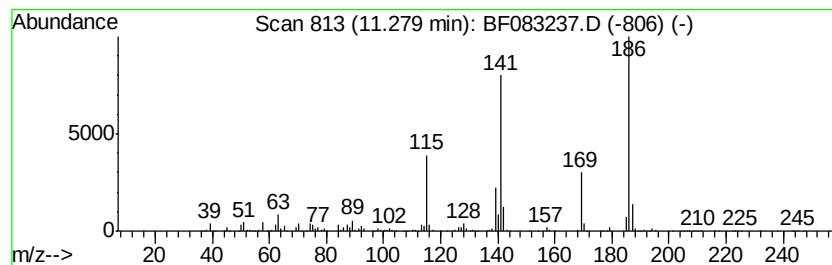
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BNA_F
ClientSampleId :
MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4-Methanonaphthalene-6-ca... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.28	24.15 ng	14134700	Phenanthrene-d10	11.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Methanonaphthalene-6-carboxy...	186	C12H10O2	063509-76-2	90
2		1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	83
3		.beta.-Naphthaleneacetic acid	186	C12H10O2	000581-96-4	43
4		1-Naphthalenemethyl isothiocyanate	199	C12H9NS	017112-82-2	38
5		1-Naphthaleneacethydrazide	200	C12H12N2O	034800-90-3	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083237.D
Acq On : 24 Nov 2015 15:21
Operator : UM/IZ
Sample : G4503-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

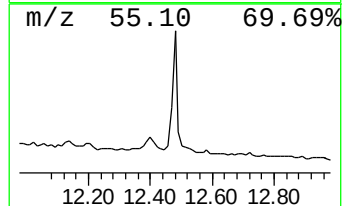
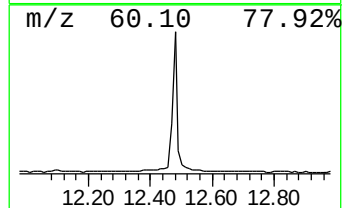
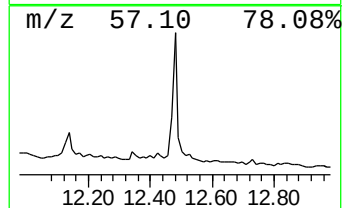
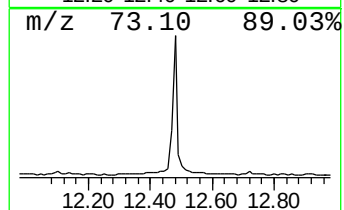
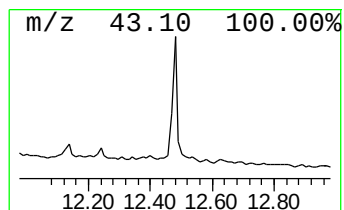
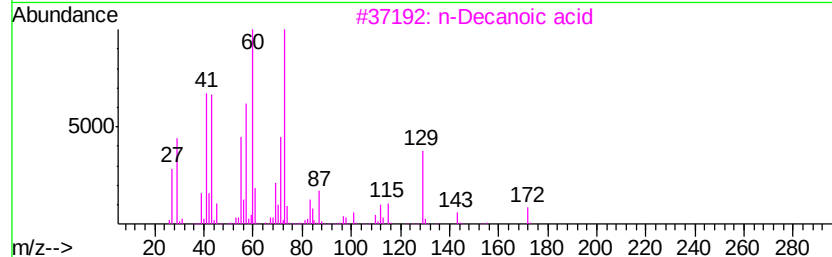
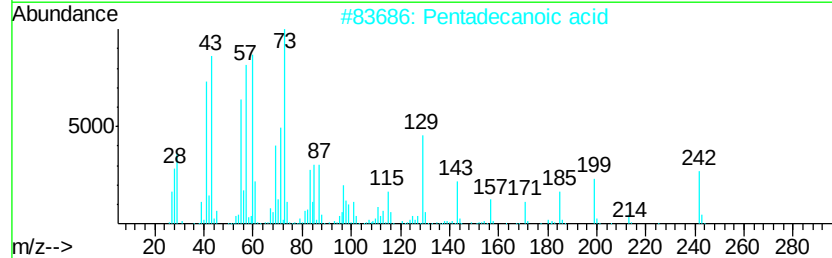
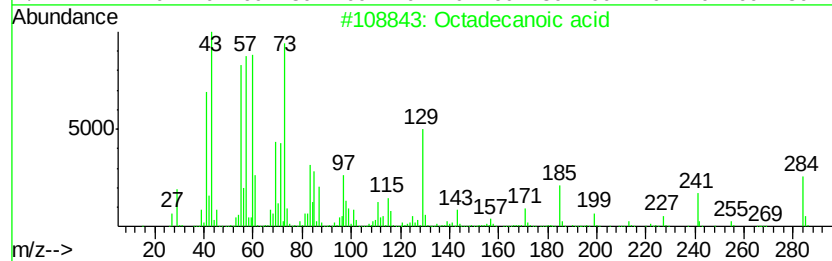
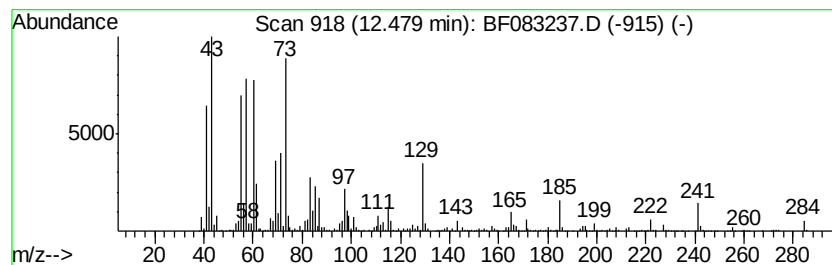
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	28.19 ng	1598910	Chrysene-d12	13.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3		n-Decanoic acid	172	C10H20O2	000334-48-5	70
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
 Data File : BF083237.D
 Acq On : 24 Nov 2015 15:21
 Operator : UM/IZ
 Sample : G4503-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.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
unknown6.39	6.39	77.0	ng	4825070	1	6.60	1253890	20.0
Benzene, 2-etheny...	7.64	25.7	ng	6458730	2	7.91	5033730	20.0
Benzo[b]thiophene...	8.57	18.8	ng	4729310	2	7.91	5033730	20.0
unknown8.90	8.90	14.0	ng	4998020	3	9.66	7122940	20.0
2-Hydroxy-4-methy...	9.15	17.1	ng	6103060	3	9.66	7122940	20.0
Naphthalene, 2,6-...	9.24	23.2	ng	8253440	3	9.66	7122940	20.0
Naphthalene, 2,3-...	9.32	26.5	ng	9433220	3	9.66	7122940	20.0
Benzoic acid, 2,4...	9.40	22.8	ng	8114730	3	9.66	7122940	20.0
unknown9.44	9.44	15.4	ng	5493560	3	9.66	7122940	20.0
Naphthalene, 1,4-...	9.52	16.8	ng	5966450	3	9.66	7122940	20.0
1-(2,2-Dimethylcy...	9.86	23.4	ng	8324780	3	9.66	7122940	20.0
Naphthalene, 1,6,...	9.91	21.9	ng	7782640	3	9.66	7122940	20.0
unknown10.10	10.10	14.7	ng	5216530	3	9.66	7122940	20.0
Propofol	10.28	30.3	ng	10784900	3	9.66	7122940	20.0
unknown10.34	10.34	23.4	ng	8331940	3	9.66	7122940	20.0
2-Naphthalenecarb...	10.80	30.3	ng	17710900	4	11.13	11706200	20.0
1,4-Methanonaphth...	11.28	24.1	ng	14134700	4	11.13	11706200	20.0
Octadecanoic acid	12.48	28.2	ng	1598910	5	13.76	1134550	20.0