

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
 Data File : BF092106.D
 Acq On : 5 Jan 2017 23:15
 Operator : UM/SJ
 Sample : I1004-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

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-BF122116.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	2.595	59	62	65	rBV	65019	120469	1.47%	0.078%
2	4.790	251	254	257	rBV	507500	885189	10.76%	0.572%
3	4.847	257	259	263	rVB2	67150	126620	1.54%	0.082%
4	4.916	263	265	270	rVB	123205	141018	1.71%	0.091%
5	5.247	292	294	297	rBV	2479699	2910527	35.40%	1.880%
6	5.339	301	302	306	rBV2	147397	312591	3.80%	0.202%
7	5.396	306	307	311	rVB4	235888	391809	4.76%	0.253%
8	5.464	311	313	315	rBV2	238537	315392	3.84%	0.204%
9	5.510	315	317	318	rVV2	144443	140625	1.71%	0.091%
10	5.533	318	319	322	rVB	243507	257074	3.13%	0.166%
11	5.636	325	328	330	rBV2	90429	182324	2.22%	0.118%
12	5.681	330	332	338	rVB2	288840	551683	6.71%	0.356%
13	5.796	338	342	344	rBV	400296	491042	5.97%	0.317%
14	5.899	347	351	354	rVB5	156524	406712	4.95%	0.263%
15	5.967	354	357	361	rBV3	196258	378726	4.61%	0.245%
16	6.047	361	364	367	rBV4	139766	362465	4.41%	0.234%
17	6.104	367	369	371	rVB	444717	519082	6.31%	0.335%
18	6.161	371	374	378	rBV2	308452	614935	7.48%	0.397%
19	6.253	380	382	383	rBV	402619	468717	5.70%	0.303%
20	6.287	383	385	386	rBV	435702	513431	6.24%	0.332%
21	6.322	386	388	393	rVB2	1212439	2004742	24.38%	1.295%
22	6.424	395	397	400	rVB	3422014	4546277	55.29%	2.936%
23	6.504	400	404	405	rBV2	196422	328695	4.00%	0.212%
24	6.539	405	407	409	rBV2	170797	399255	4.86%	0.258%
25	6.584	409	411	412	rVV3	265542	398505	4.85%	0.257%
26	6.607	412	413	415	rVV	432455	511692	6.22%	0.330%
27	6.653	415	417	421	rVB3	1387220	1976227	24.03%	1.276%
28	6.710	421	422	423	rBV	140309	125465	1.53%	0.081%
29	6.813	428	431	432	rBV	4375708	5005715	60.88%	3.233%
30	6.904	437	439	441	rVB	524864	627415	7.63%	0.405%
31	6.939	441	442	444	rVB2	190728	206718	2.51%	0.134%
32	7.007	444	448	450	rBV4	567176	1239380	15.07%	0.800%
33	7.042	450	451	453	rBV2	219984	418757	5.09%	0.270%
34	7.099	455	456	459	rBV	810590	820386	9.98%	0.530%

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35	7.179	459	463	466	rBV3	1249210	3539148	43.04%	2.286%
36	7.224	466	467	470	rVB2	2812678	3344434	40.67%	2.160%
37	7.270	470	471	473	rVB	149802	179497	2.18%	0.116%
38	7.316	473	475	476	rBV	477535	546240	6.64%	0.353%
39	7.350	476	478	479	rBV2	193699	177816	2.16%	0.115%
40	7.384	479	481	482	rVB2	259230	319803	3.89%	0.207%
41	7.430	482	485	489	rVB3	1105839	1739859	21.16%	1.124%
42	7.533	489	494	495	rVB4	432236	922514	11.22%	0.596%
43	7.556	495	496	497	rBV	404560	470678	5.72%	0.304%
44	7.613	498	501	504	rVB5	545233	1056352	12.85%	0.682%
45	7.682	504	507	509	rBV2	1618535	2674420	32.52%	1.727%
46	7.727	509	511	512	rVB	648941	841949	10.24%	0.544%
47	7.773	512	515	517	rBV3	1027097	2049266	24.92%	1.324%
48	7.819	517	519	522	rVB4	198353	341970	4.16%	0.221%
49	7.887	524	525	527	rBV2	462670	499984	6.08%	0.323%
50	7.945	527	530	536	rBV4	2807416	6620674	80.52%	4.276%
51	8.059	538	540	542	rVB2	577602	922160	11.21%	0.596%
52	8.105	542	544	545	rBV2	483679	475212	5.78%	0.307%
53	8.139	545	547	548	rBV2	762601	1240416	15.08%	0.801%
54	8.253	553	557	558	rBV3	484179	1026241	12.48%	0.663%
55	8.299	558	561	562	rBV2	1175375	1810512	22.02%	1.169%
56	8.379	566	568	569	rBV	1167201	1457739	17.73%	0.942%
57	8.482	573	577	581	rVB4	2293133	5507743	66.98%	3.557%
58	8.550	581	583	584	rVB	854541	846881	10.30%	0.547%
59	8.607	584	588	589	rBV3	1260280	2674651	32.53%	1.727%
60	8.642	589	591	594	rVB3	2736530	3363152	40.90%	2.172%
61	8.756	594	601	603	rBV3	3230920	8222856	100.00%	5.311%
62	8.790	603	604	606	rVB2	823135	702409	8.54%	0.454%
63	8.825	606	607	608	rBV	538636	579844	7.05%	0.375%
64	8.905	612	614	615	rBV	628188	957192	11.64%	0.618%
65	8.973	615	620	622	rVV3	2175704	4350348	52.91%	2.810%
66	9.030	622	625	628	rVB	5371870	7198456	87.54%	4.649%
67	9.145	634	635	637	rBV2	452977	382479	4.65%	0.247%
68	9.202	637	640	643	rBV4	757031	2133610	25.95%	1.378%
69	9.362	652	654	655	rBV2	836181	1289887	15.69%	0.833%
70	9.430	658	660	661	rVV	915719	1001765	12.18%	0.647%
71	9.476	661	664	666	rVB2	1474079	2597749	31.59%	1.678%

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72	9.693	680	683	685	rVB3	2079710	2966634	36.08%	1.916%
73	9.750	685	688	691	rBV2	1664791	3788370	46.07%	2.447%
74	9.830	693	695	696	rVB	813340	788859	9.59%	0.510%
75	9.888	696	700	702	rBV5	1045637	2817936	34.27%	1.820%
76	9.922	702	703	705	rVV	506951	706767	8.60%	0.456%
77	10.025	710	712	714	rVV2	1147627	2331427	28.35%	1.506%
78	10.093	716	718	721	rVV3	1793407	4796312	58.33%	3.098%
79	10.162	721	724	728	rVB3	2696524	6273152	76.29%	4.052%
80	10.242	728	731	734	rBV2	2146589	3625703	44.09%	2.342%
81	10.356	739	741	742	rBV2	714927	845760	10.29%	0.546%
82	10.493	750	753	755	rBV3	2191291	3030881	36.86%	1.958%
83	10.539	755	757	760	rVV4	822727	1220033	14.84%	0.788%
84	10.722	771	773	774	rBV2	988536	1057805	12.86%	0.683%
85	10.768	775	777	779	rVV2	958797	1505856	18.31%	0.973%
86	10.859	783	785	786	rVV	947380	877862	10.68%	0.567%
87	10.939	789	792	795	rBV4	670393	1721062	20.93%	1.112%
88	11.065	799	803	806	rBV5	974952	2268451	27.59%	1.465%
89	11.179	811	813	817	rVB	1629895	1927593	23.44%	1.245%
90	11.248	817	819	820	rBV2	326100	476518	5.80%	0.308%
91	11.533	842	844	846	rVB2	609793	734745	8.94%	0.475%
92	11.682	855	857	861	rVB4	416178	654275	7.96%	0.423%
93	11.751	861	863	864	rVB2	576666	667645	8.12%	0.431%
94	12.505	927	929	932	rBV	325841	456789	5.56%	0.295%
95	12.756	948	951	953	rVB	3822661	3927455	47.76%	2.537%
96	13.659	1028	1030	1033	rVB	233698	261862	3.18%	0.169%
97	13.797	1040	1042	1045	rVB	1226315	1111971	13.52%	0.718%
98	14.059	1063	1065	1069	rBV5	60519	170468	2.07%	0.110%
99	14.642	1114	1116	1120	rVB	106231	111581	1.36%	0.072%
100	15.168	1159	1162	1165	rBV	809379	940294	11.44%	0.607%

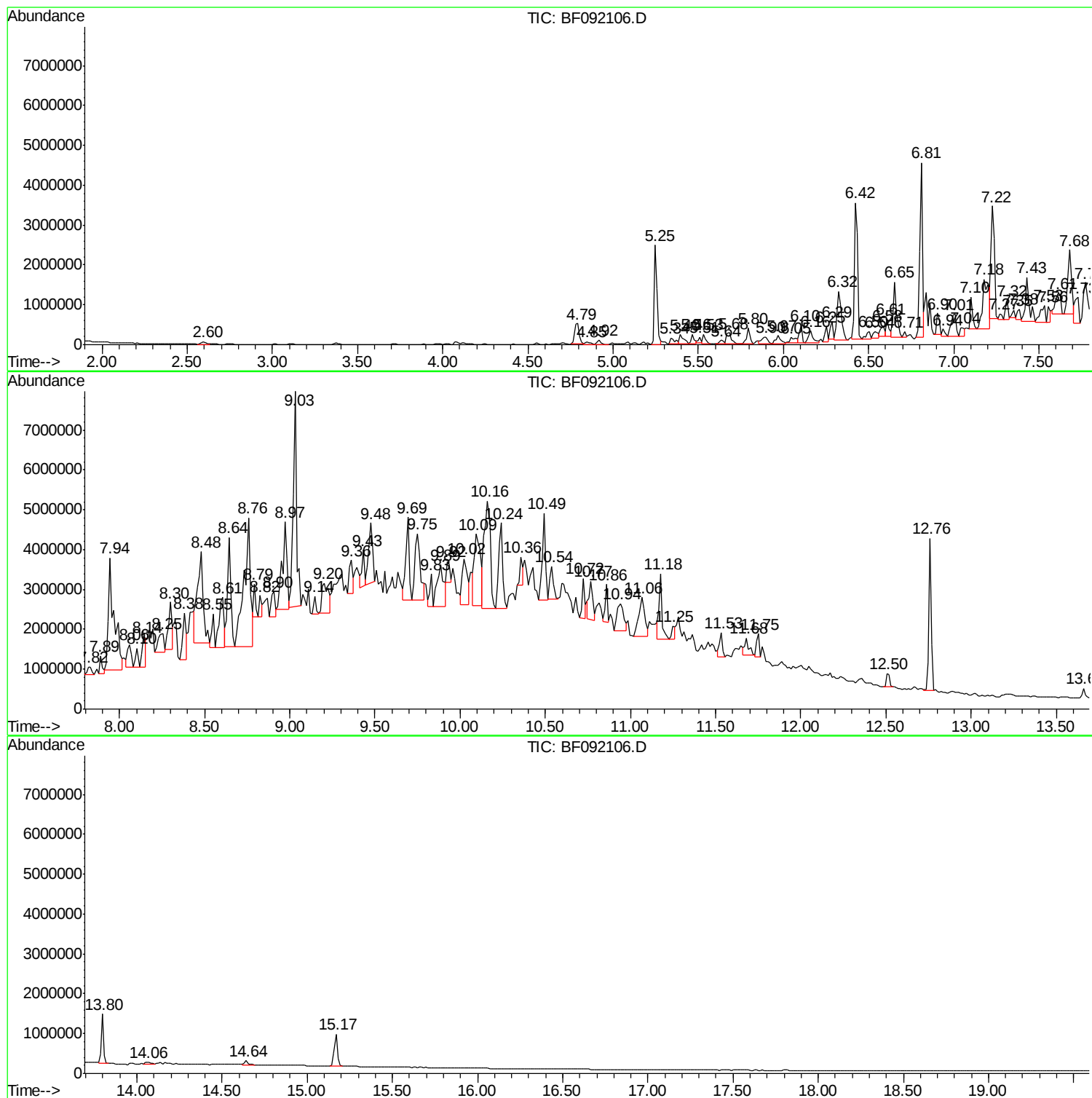
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BNA_F
ClientSampled :
MW-36

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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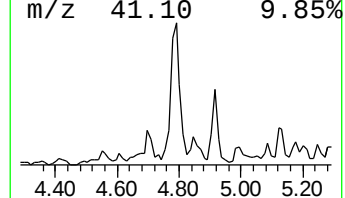
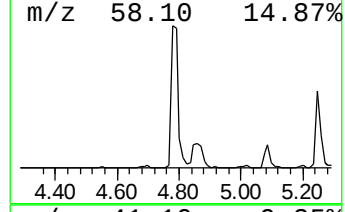
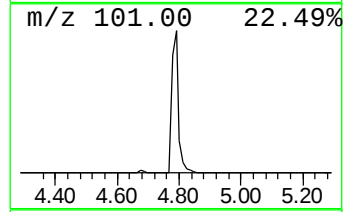
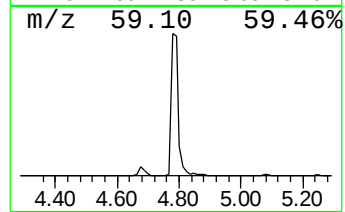
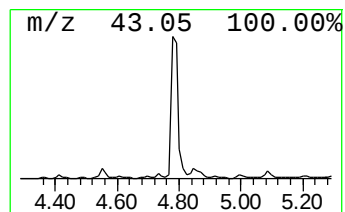
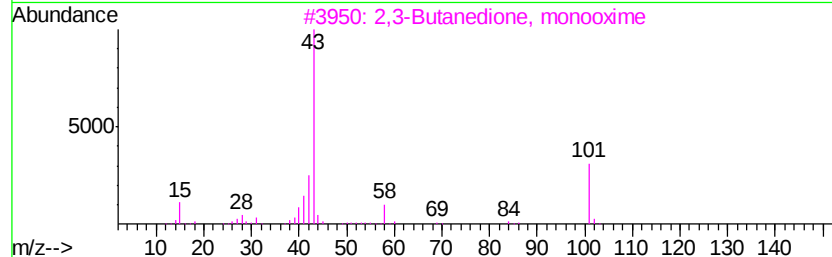
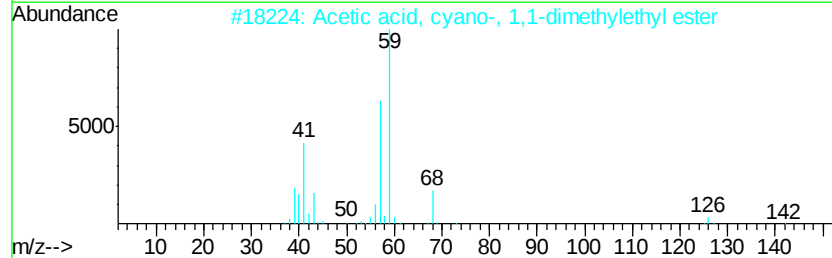
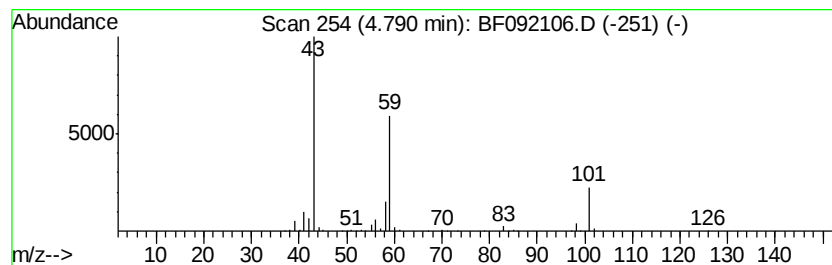
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	8.96 ng	885189	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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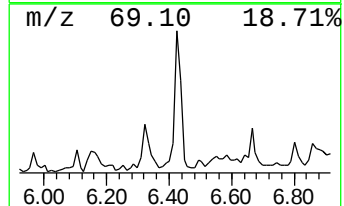
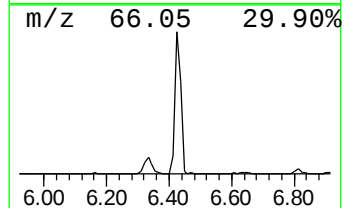
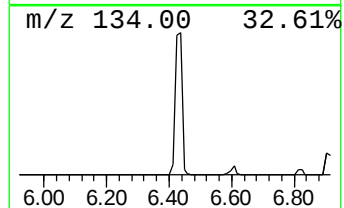
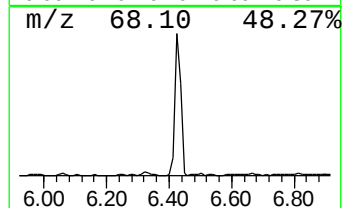
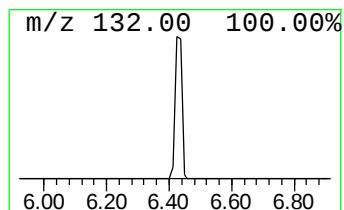
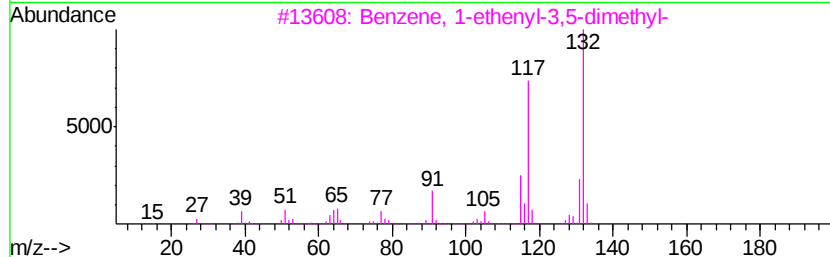
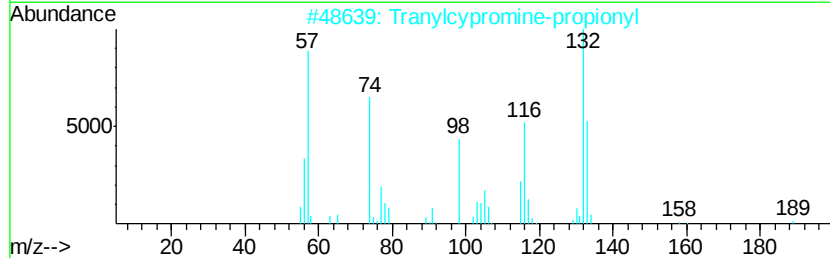
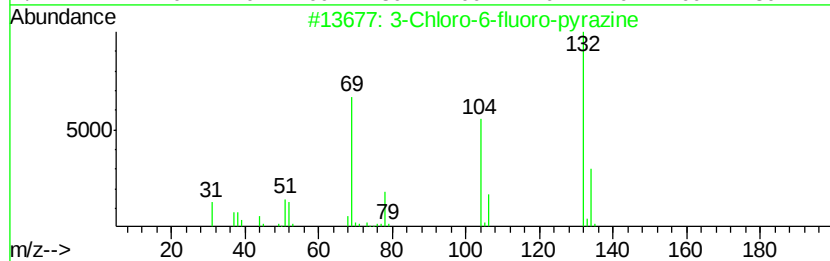
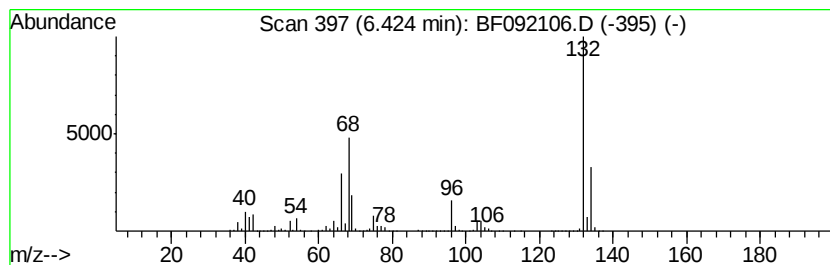
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.42 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	46.01 ng	4546280	1,4-Dichlorobenzene-d4	6.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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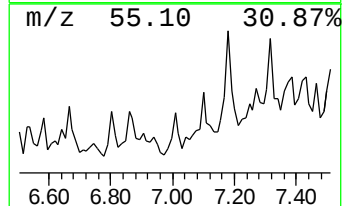
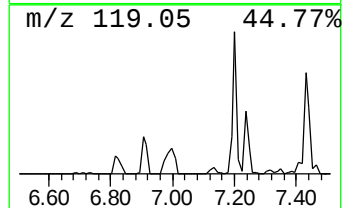
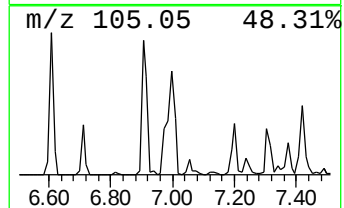
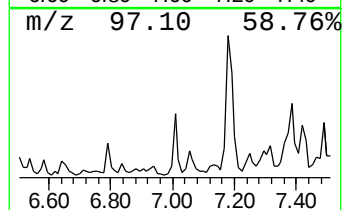
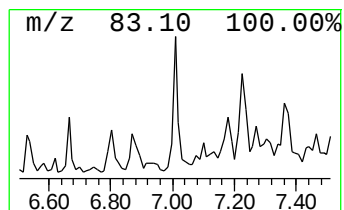
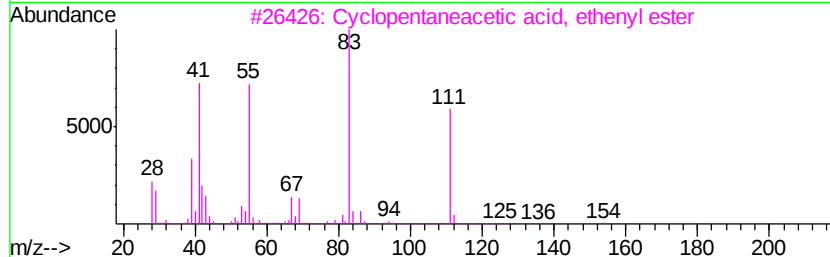
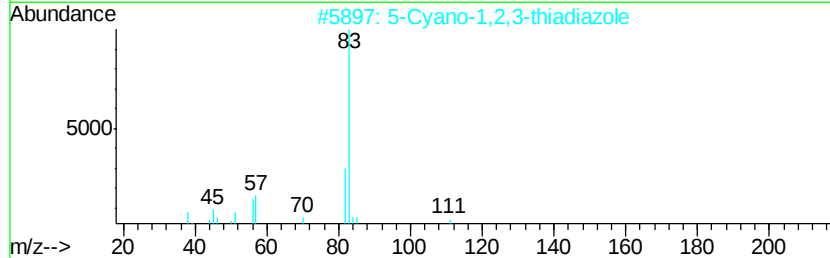
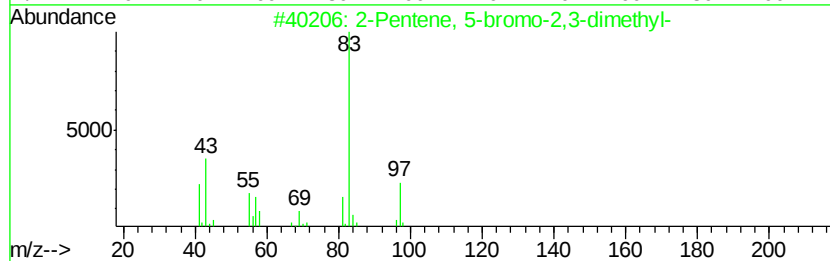
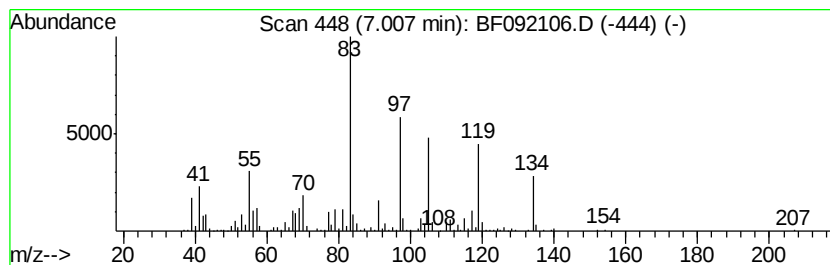
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	12.54 ng	1239380	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 5-bromo-2,3-dimethyl-	176	C7H13Br	056312-52-8	43		
2	5-Cyano-1,2,3-thiadiazole	111	C3HN3S	057352-02-0	27		
3	Cyclopentaneacetic acid, ethenyl...	154	C9H14O2	045955-66-6	27		
4	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	27		
5	trans-7-Oxabicyclo[4.3.0]nonane	126	C8H14O	027345-70-6	27		



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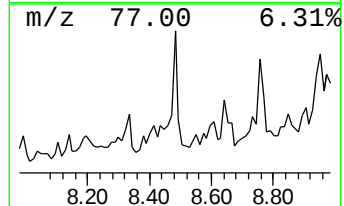
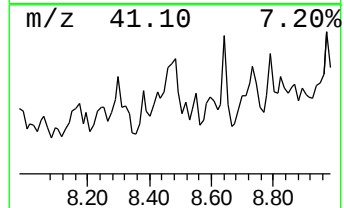
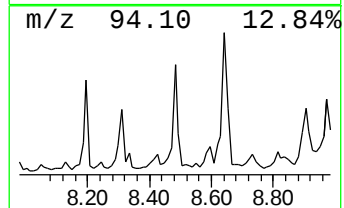
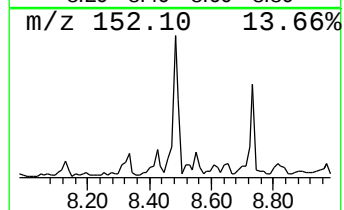
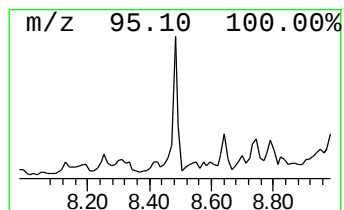
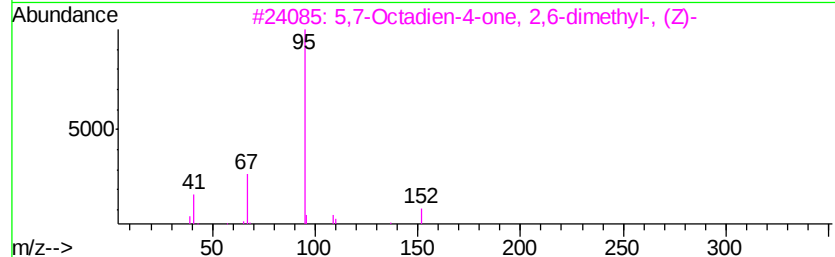
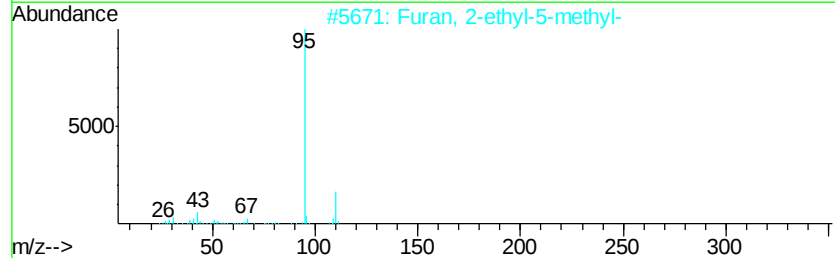
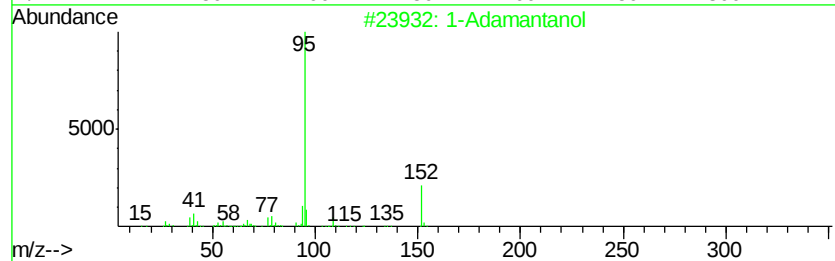
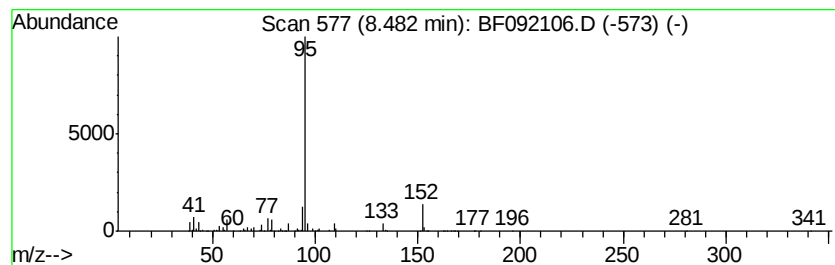
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Adamantanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	16.64 ng	5507740	Naphthalene-d8	7.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol		152	C10H16O	000768-95-6	56
2	Furan, 2-ethyl-5-methyl-		110	C7H10O	001703-52-2	42
3	5,7-Octadien-4-one, 2,6-dimethyl...		152	C10H16O	003588-18-9	9
4	2-Pyridinecarboxamide, 3-hydroxy...		152	C7H8N2O2	001196-30-1	9
5	2-Cyclopentene-1-butanal, .gamma...		194	C13H22O	060714-25-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
Operator : UM/SJ
Sample : I1004-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

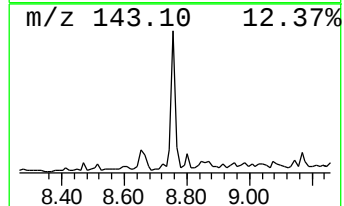
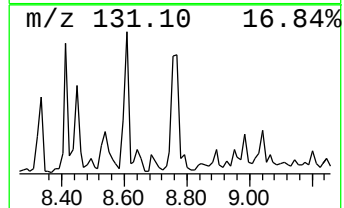
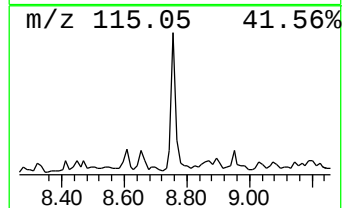
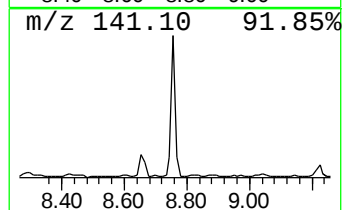
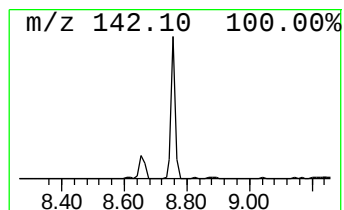
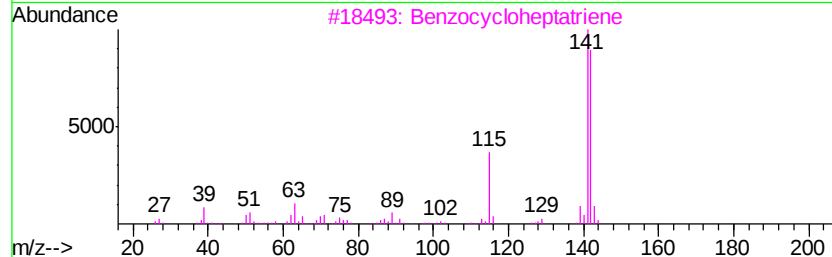
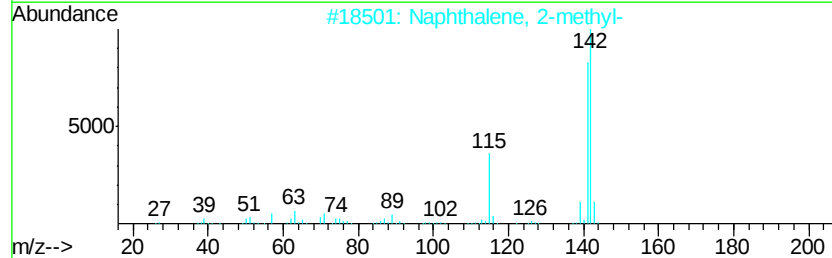
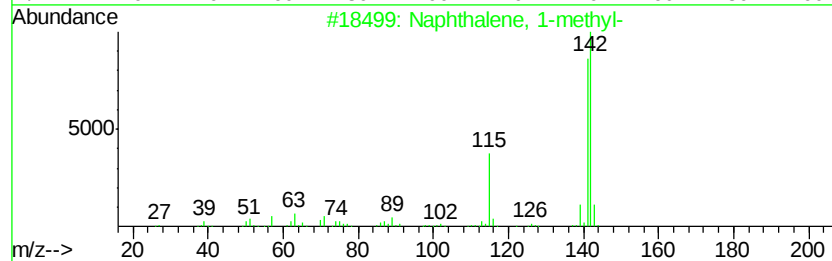
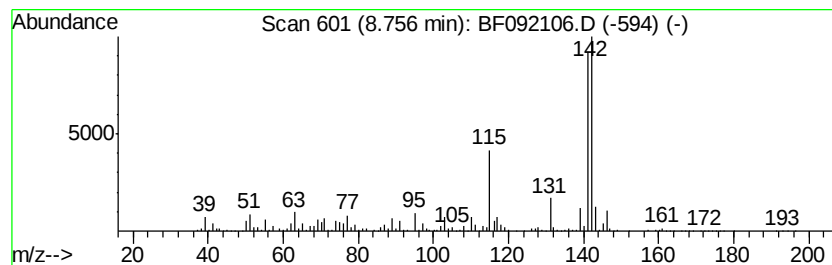
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	24.84 ng	8222860	Naphthalene-d8	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
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Sample : I1004-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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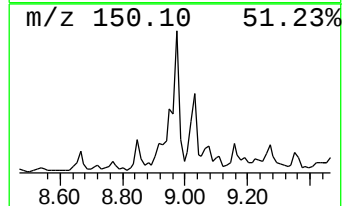
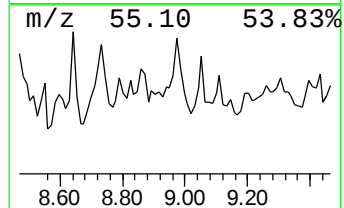
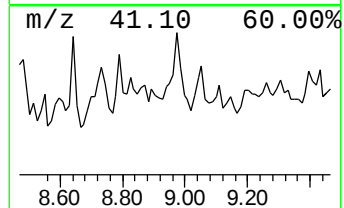
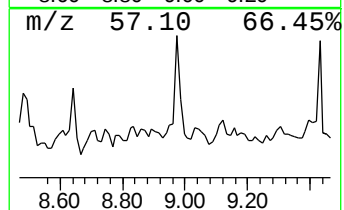
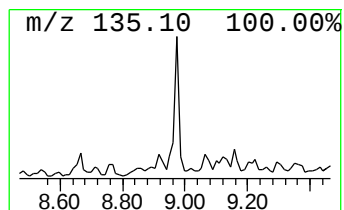
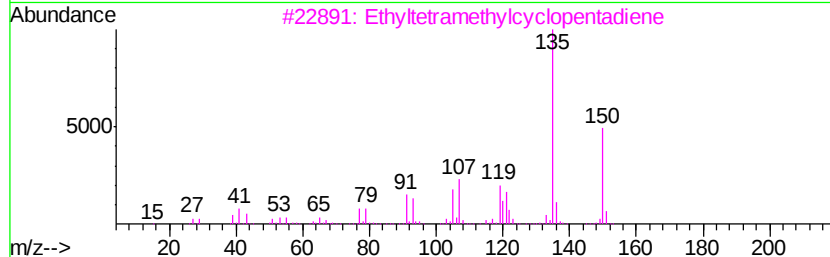
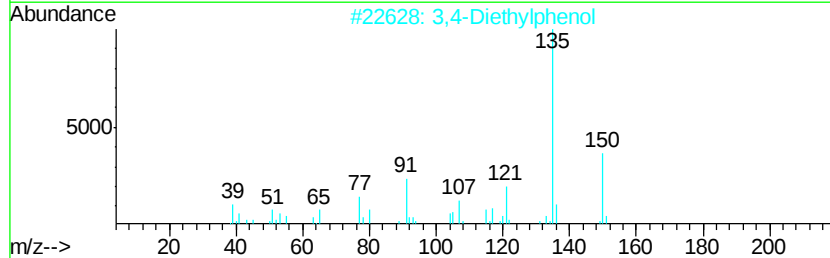
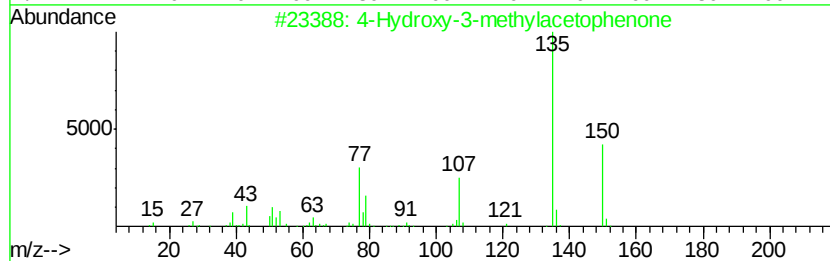
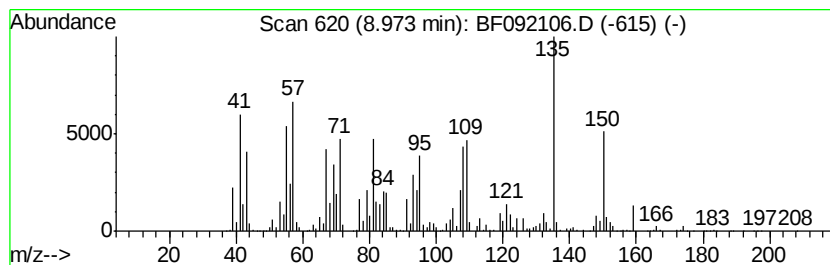
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.97 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	29.33 ng	4350350	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	38
2		3,4-Diethylphenol	150	C10H14O	000875-85-4	38
3		Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	38
4		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	35
5		Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	30



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Sample : I1004-05
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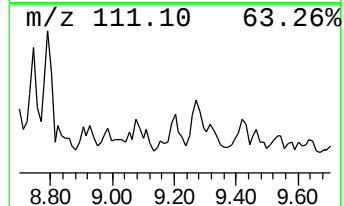
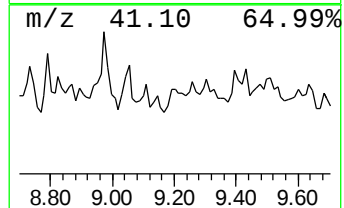
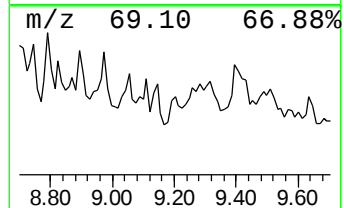
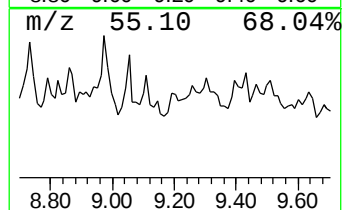
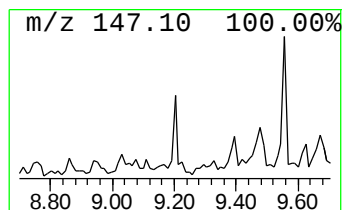
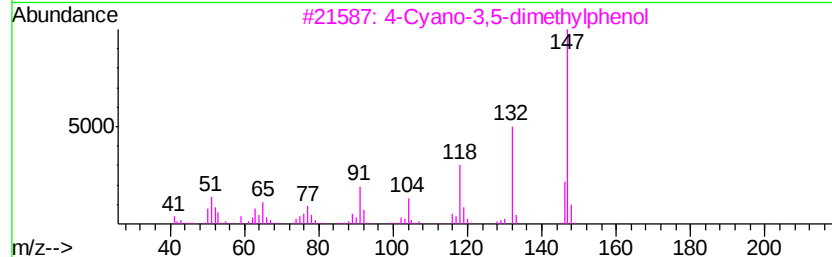
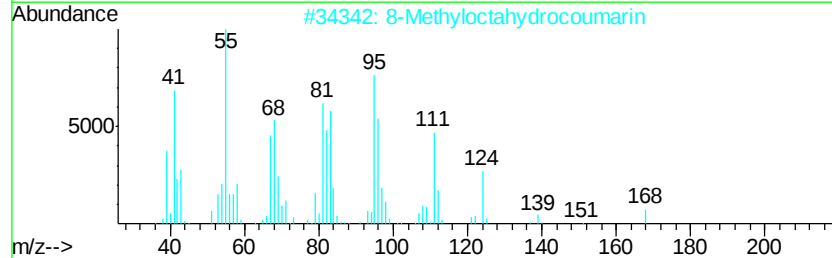
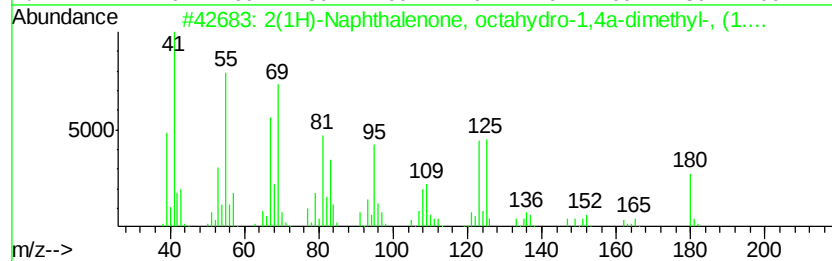
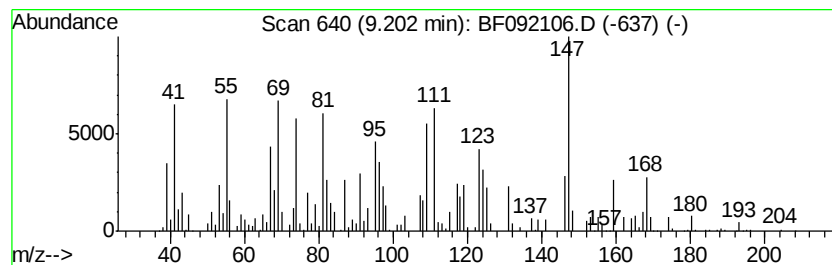
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.20 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	14.38 ng	2133610	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Naphthalenone, octahydro-1...	180	C12H20O	022738-31-4	15
2		8-Methyloctahydrocoumarin	168	C10H16O2	021197-56-8	15
3		4-Cyano-3,5-dimethylphenol	147	C9H9NO	058537-99-8	14
4		3-Oxabicyclo[4.1.0]heptan-2-one,...	168	C10H16O2	022841-82-3	14
5		(2-Benzimidazolyl)methylamine	147	C8H9N3	005805-57-2	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
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Misc :
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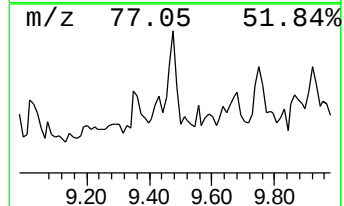
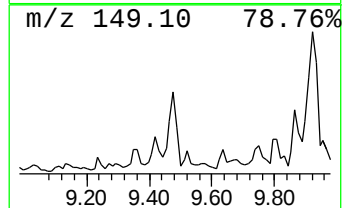
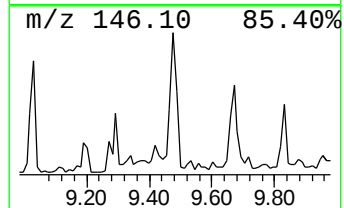
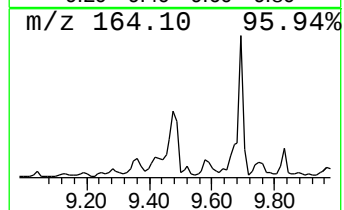
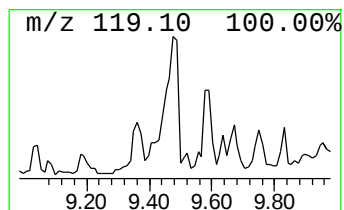
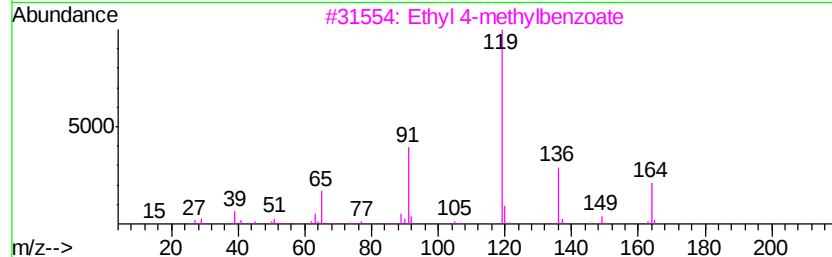
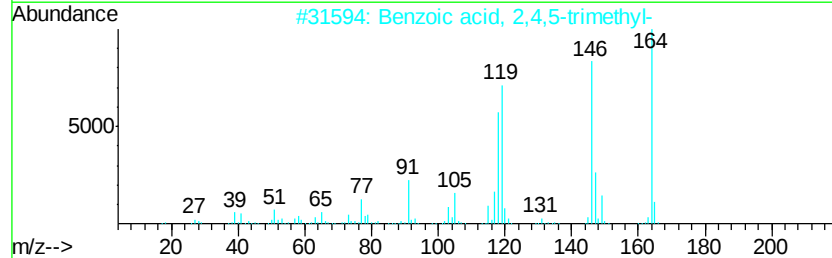
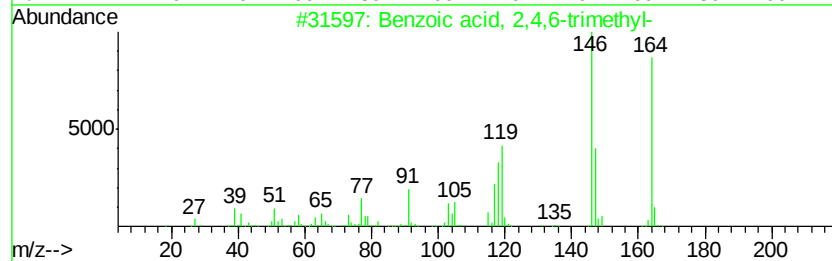
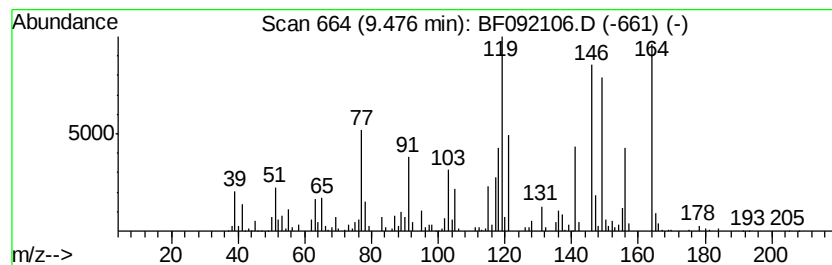
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	17.51 ng	2597750	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
2		Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	43
3		Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	35
4		Benzene, (1-azido-1-methylethyl)-	161	C9H11N3	032366-26-0	18
5		Phenol, 2-methoxy-4-(1-propenyl)-	164	C10H12O2	000097-54-1	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
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Misc :
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ClientSampleId :
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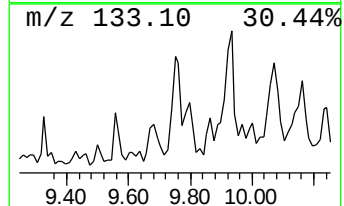
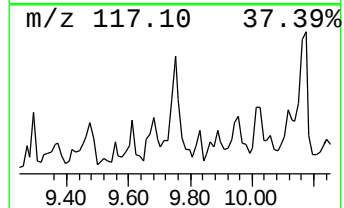
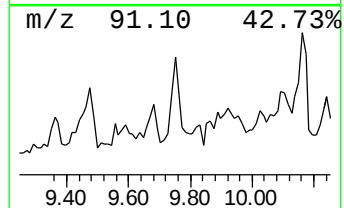
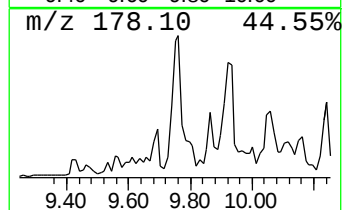
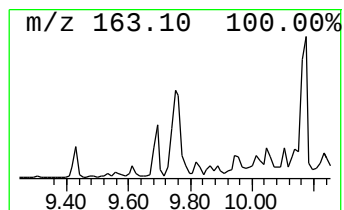
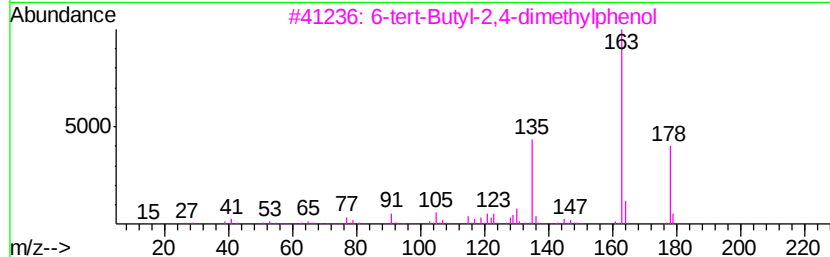
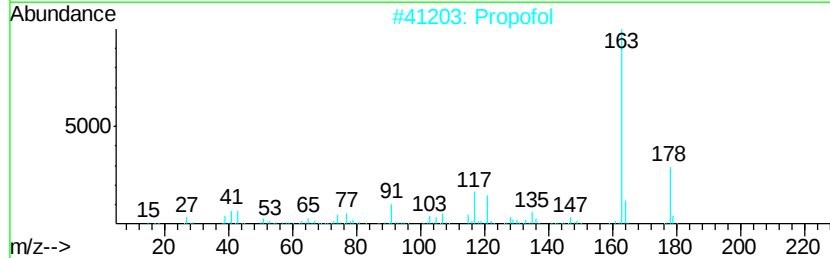
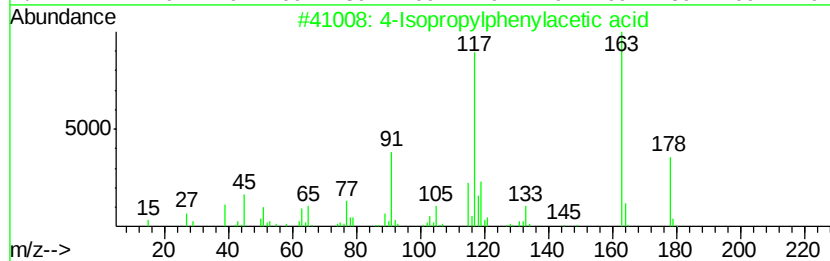
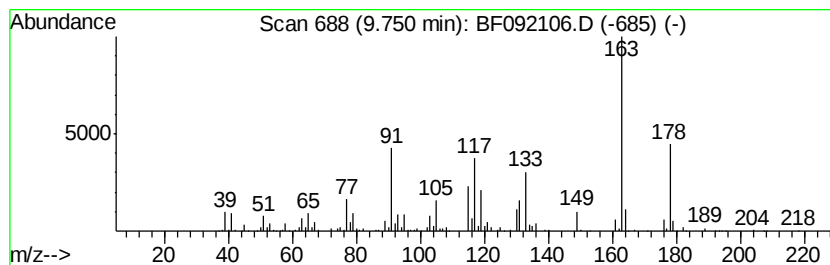
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4-Isopropylphenylacetic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	25.54 ng	3788370	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	86
2		Propofol	178	C12H18O	002078-54-8	50
3		6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	49
4		2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	47
5		2-(5-Isopropyl-2-methylphenyl)et...	178	C12H18O	004389-64-4	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
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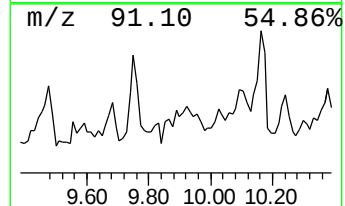
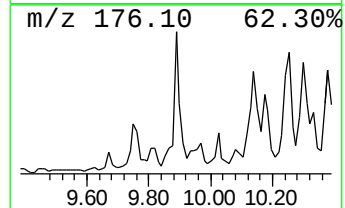
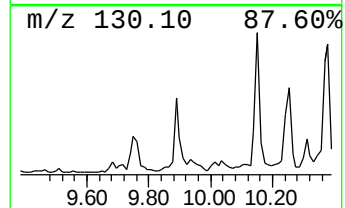
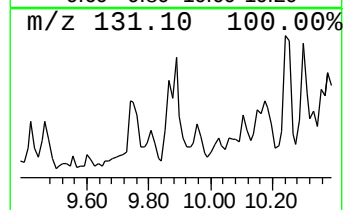
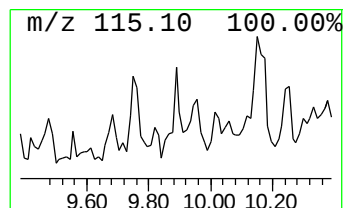
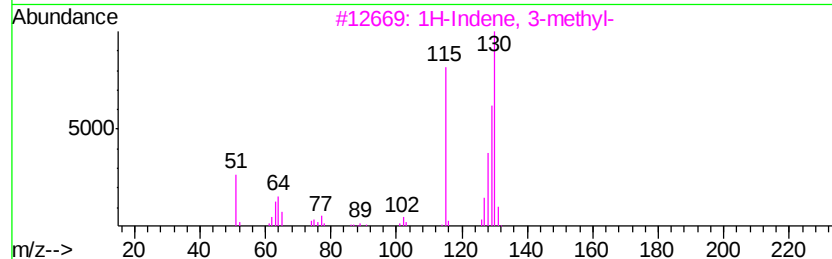
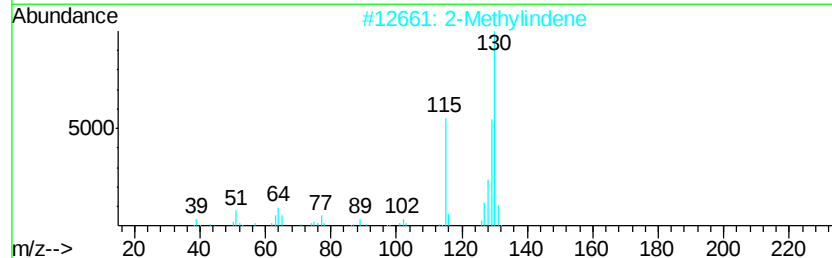
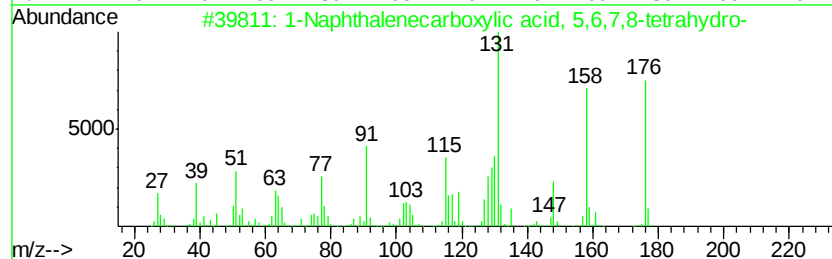
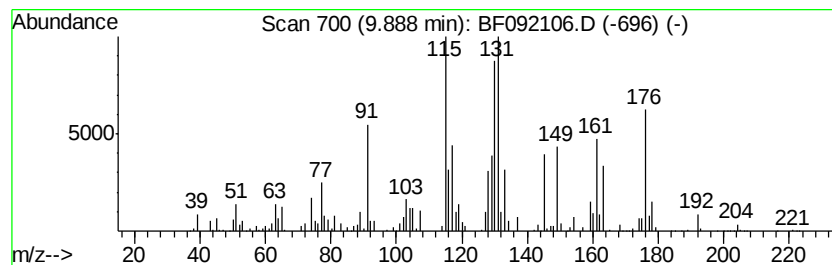
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Naphthalenecarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	19.00 ng	2817940	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenecarboxylic acid, 5,...	176	C11H12O2	004242-18-6	60
2		2-Methylindene	130	C10H10	002177-47-1	38
3		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	38
4		Indolizine, 7-methyl-	131	C9H9N	001761-12-2	35
5		Indolizine, 6-methyl-	131	C9H9N	001761-11-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
Operator : UM/SJ
Sample : I1004-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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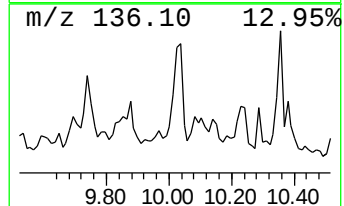
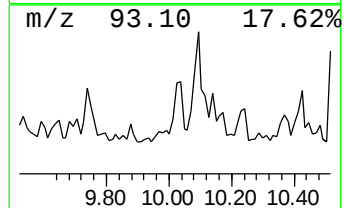
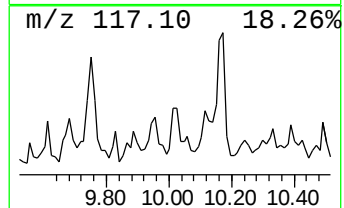
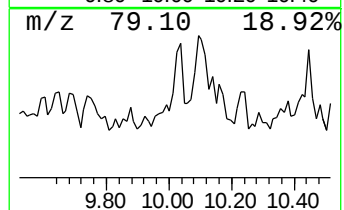
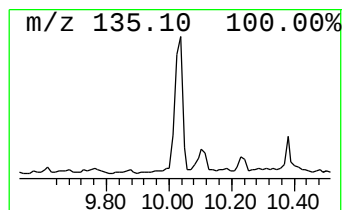
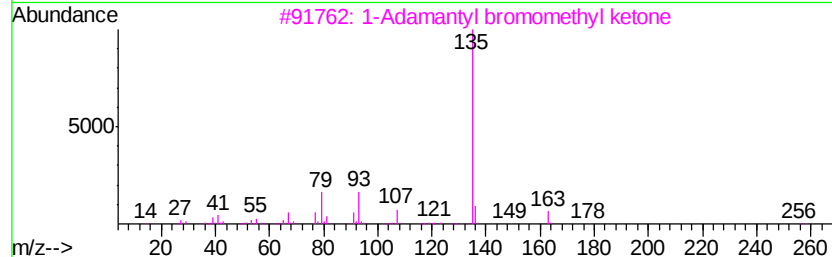
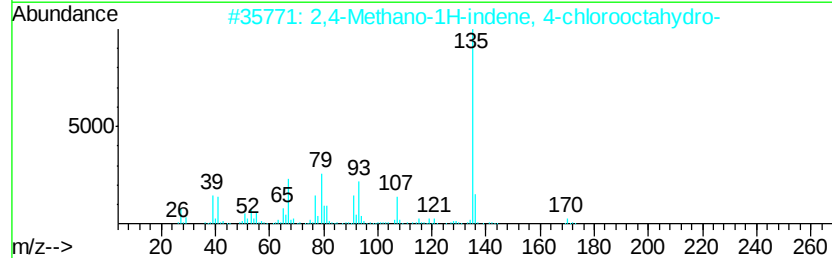
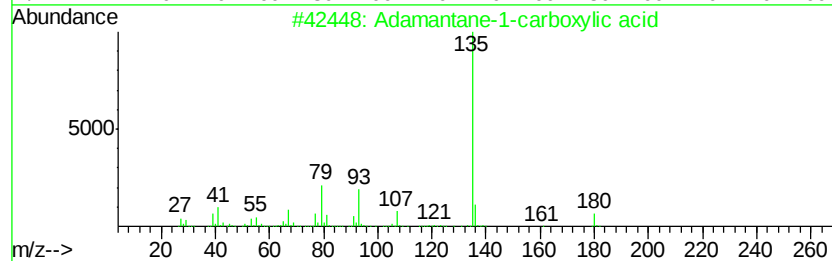
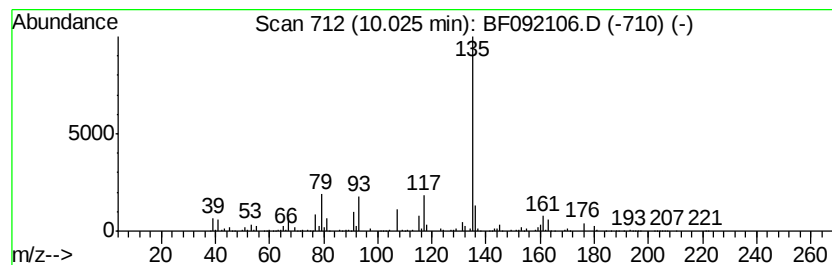
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Adamantane-1-carboxylic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	15.72 ng	2331430	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	70
2		2,4-Methano-1H-indene, 4-chloroo...	170	C10H15Cl	098640-25-6	68
3		1-Adamantyl bromomethyl ketone	256	C12H17BrO	005122-82-7	64
4		N-(2-Ethyl-3-hydroxy-6-methyl-4-...	314	C19H26N2O2	1000260-99-4	64
5		Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
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Operator : UM/SJ
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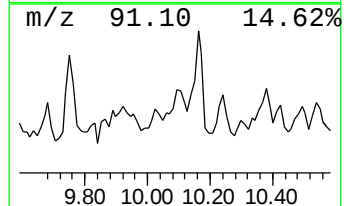
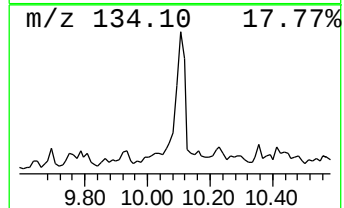
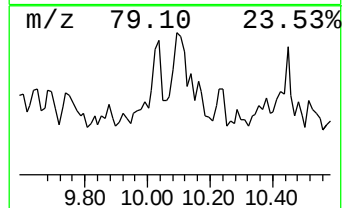
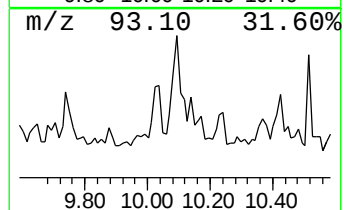
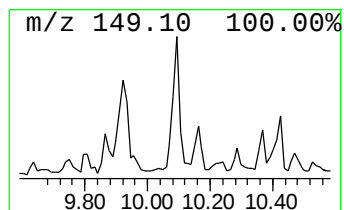
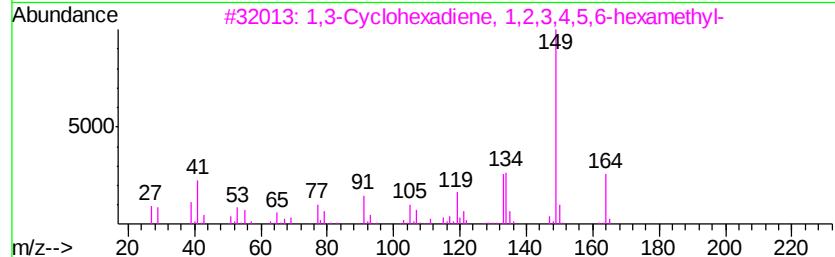
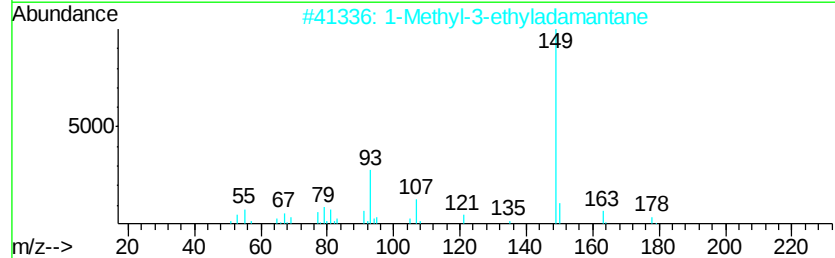
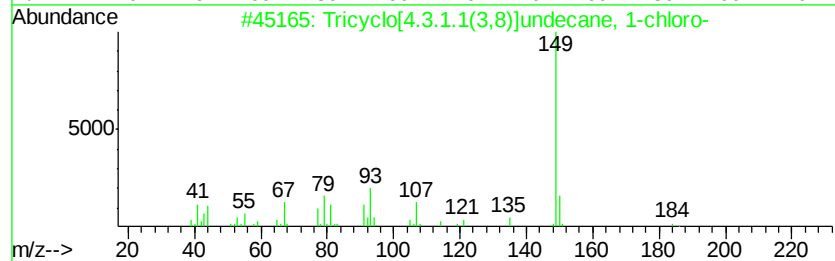
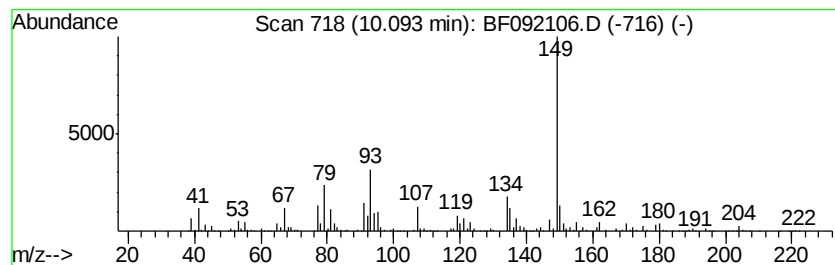
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tricyclo[4.3.1.1(3,8)]undec... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	32.34 ng	4796310	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[4.3.1.1(3,8)]undecane, ...	184	C11H17Cl	027011-46-7	53
2		1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	53
3		1,3-Cyclohexadiene, 1,2,3,4,5,6-...	164	C12H20	1000152-09-6	47
4		5-Methyl-7-amino-s-triazolo(1,5-...	149	C6H7N5	033376-96-4	47
5		Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	47



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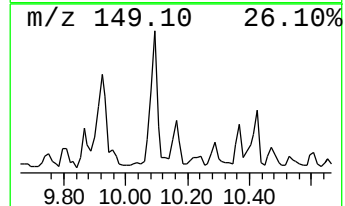
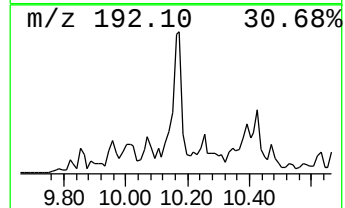
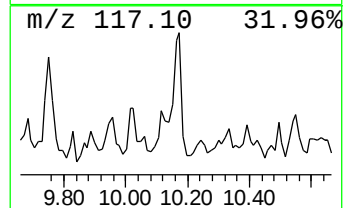
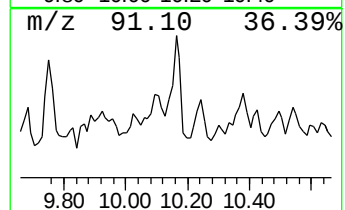
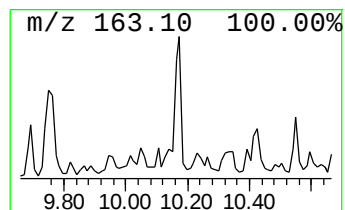
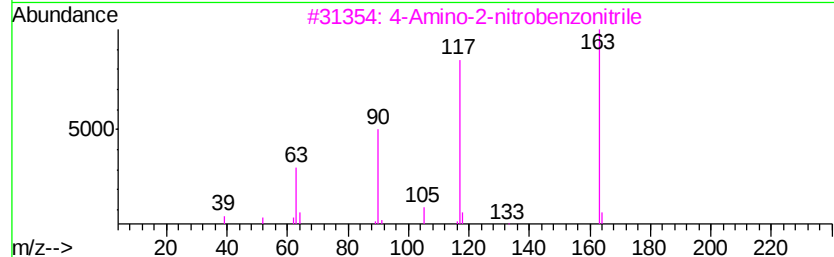
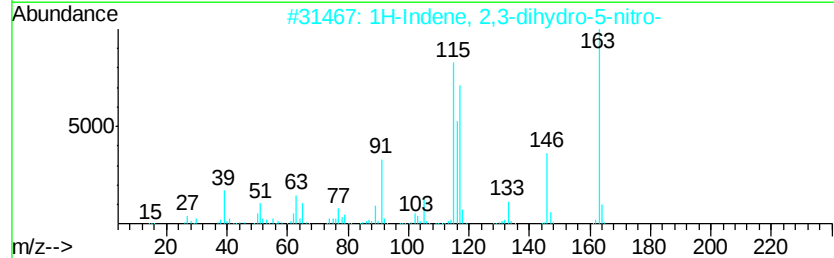
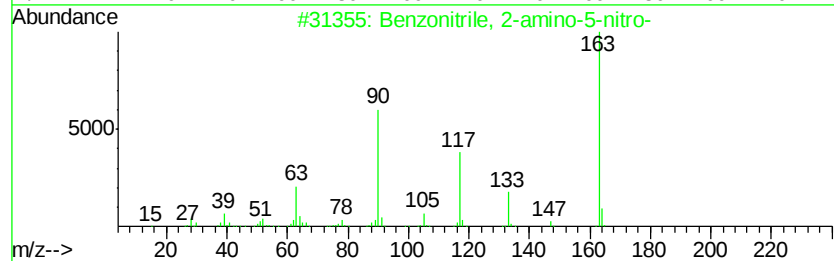
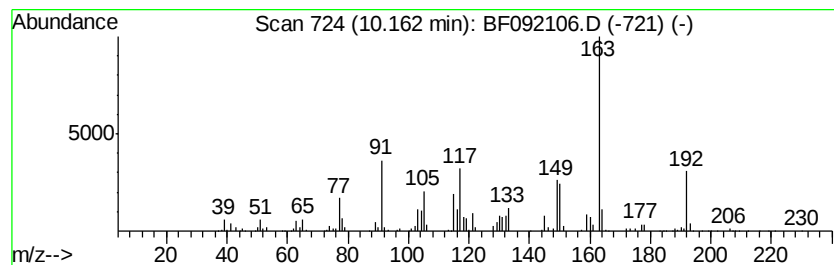
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.16 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.16	42.29 ng	6273150	Acenaphthene-d10	9.69	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 2-amino-5-nitro-	163	C7H5N3O2	017420-30-3	43
2	1H-Indene, 2,3-dihydro-5-nitro-	163	C9H9NO2	007436-07-9	38
3	4-Amino-2-nitrobenzonitrile	163	C7H5N3O2	072115-07-2	38
4	Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	38
5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	37



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
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Sample : I1004-05
Misc :
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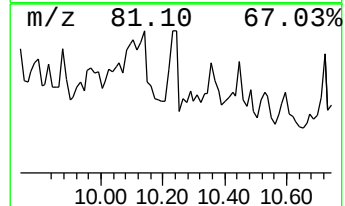
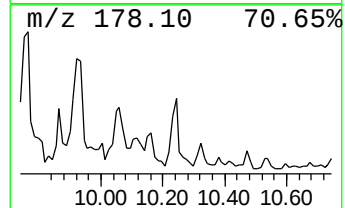
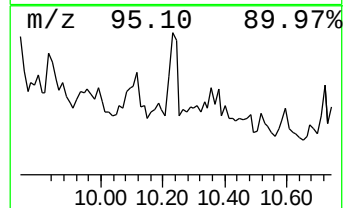
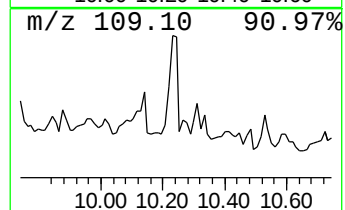
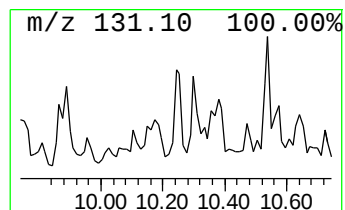
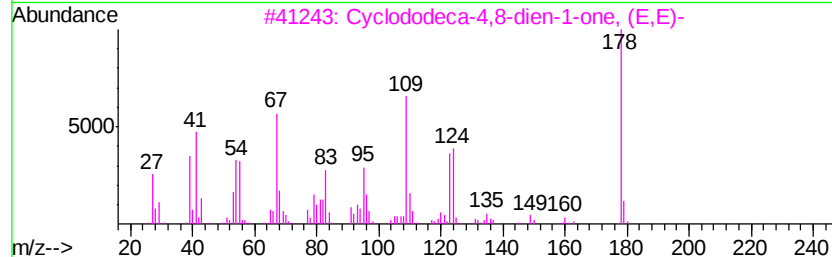
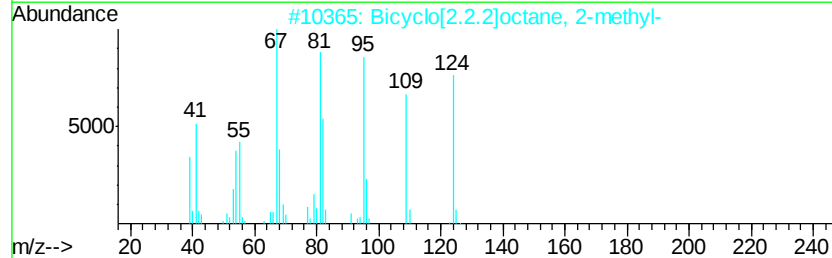
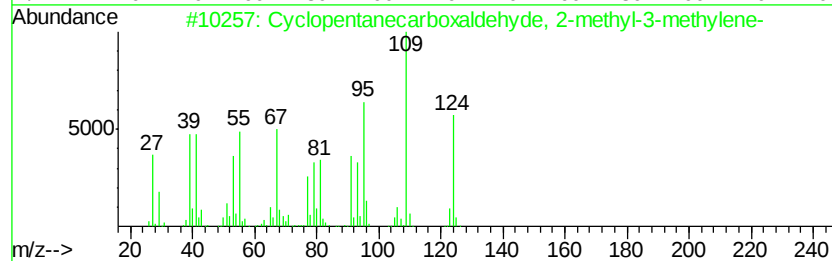
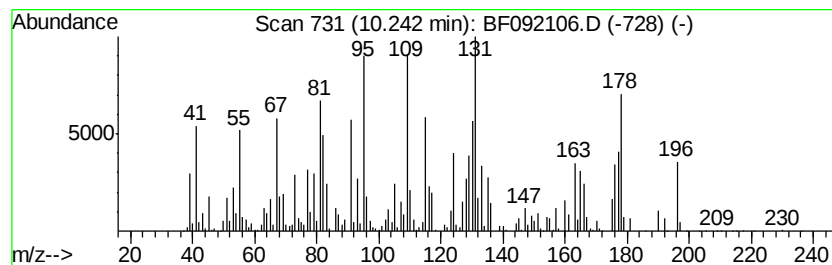
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.24 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	24.44 ng	3625700	Acenaphthene-d10	9.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentanecarboxaldehyde, 2-me...	124	C8H12O	1000154-24-0	38
2		Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	35
3		Cyclododeca-4,8-dien-1-one, (E,E)-	178	C12H18O	1000163-28-2	30
4		Butanoic acid, 4-[4-methylimidaz...	196	C10H16N2O2	1000116-74-5	25
5		Benzeneethanol, .beta.-1-octynyl-	230	C16H22O	114274-97-4	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092106.D
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ClientSampleId :
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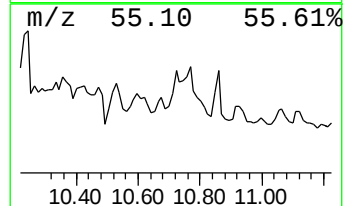
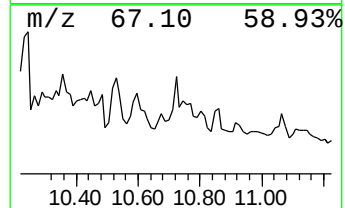
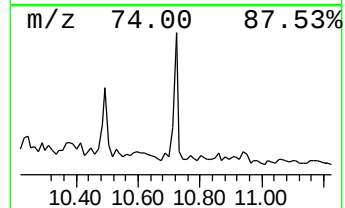
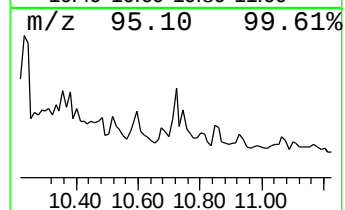
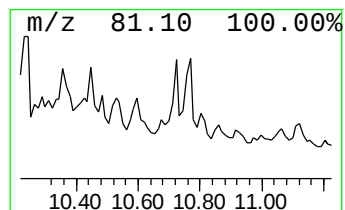
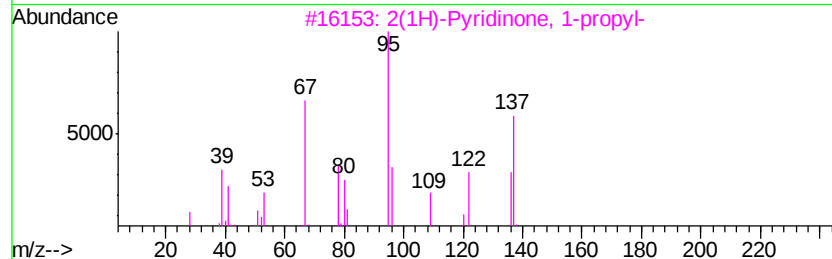
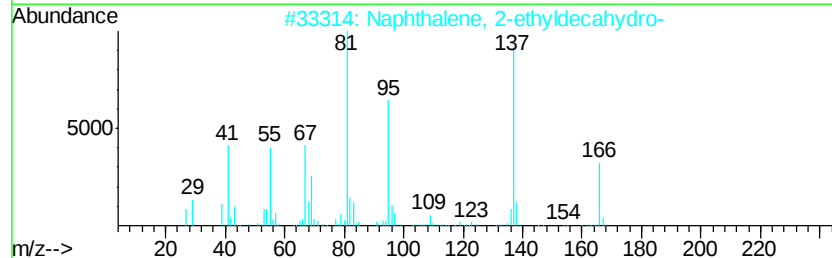
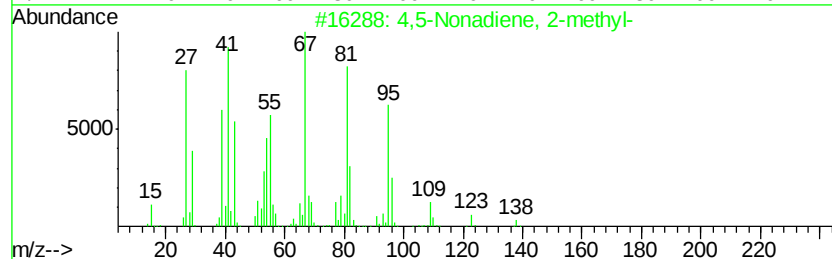
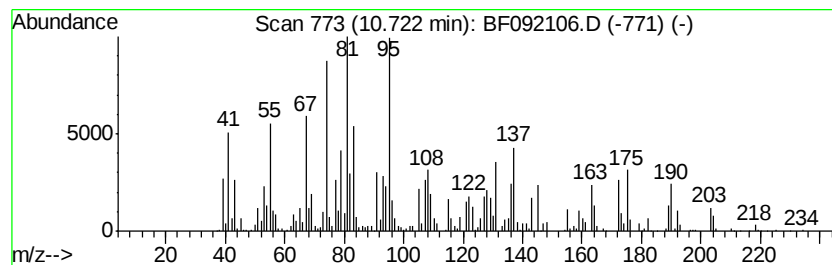
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.72 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	10.98 ng	1057810	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	30
2		Naphthalene, 2-ethyldecahydro-	166	C12H22	001618-23-1	27
3		2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	18
4		Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	11
5		Cyclohexene, 3-(bromomethyl)-	174	C7H11Br	034825-93-9	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
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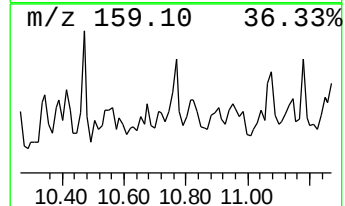
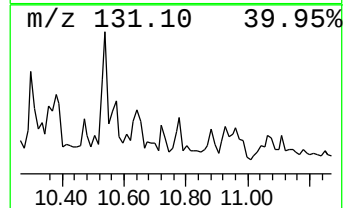
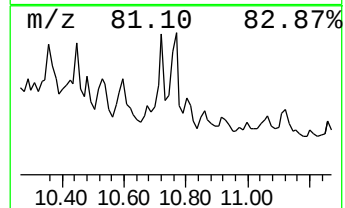
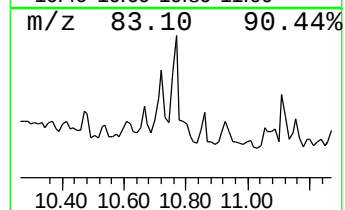
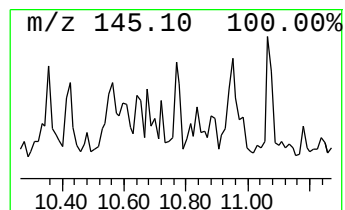
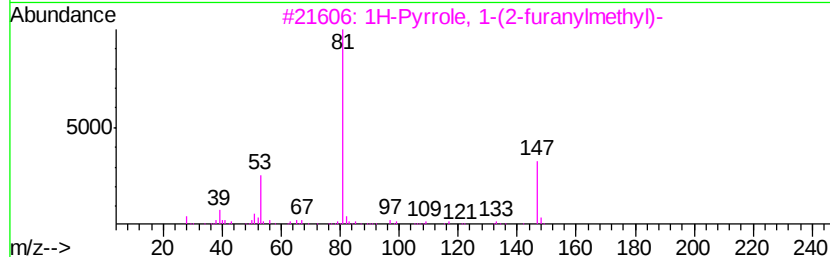
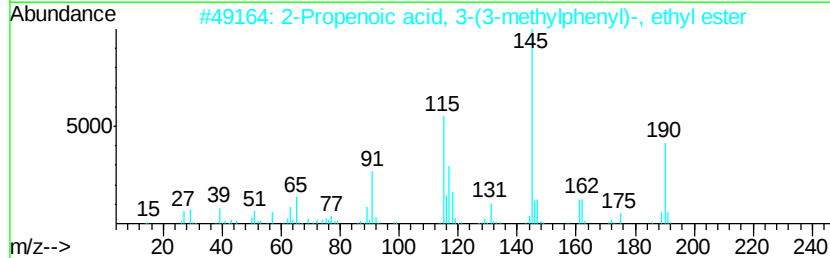
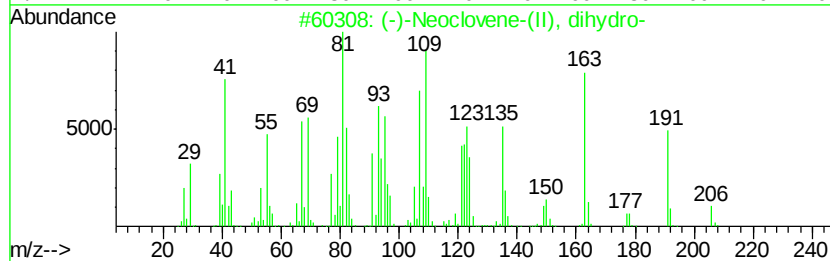
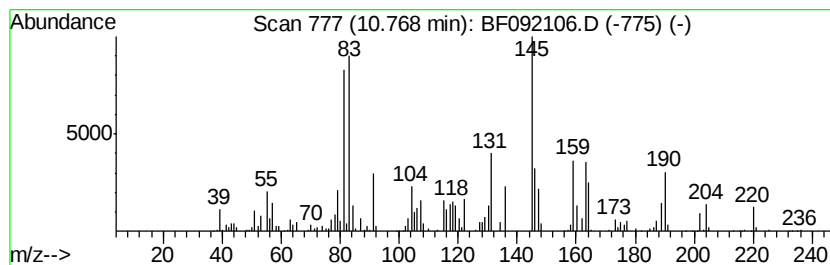
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.77 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	15.62 ng	1505860	Phenanthrene-d10	11.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Neoclovene-(II), dihydro-			206	C15H26	1000152-83-6	25
2	2-Propenoic acid, 3-(3-methylphe...			190	C12H14O2	050556-03-1	14
3	1H-Pyrrole, 1-(2-furanvlmethyl)-			147	C9H9NO	001438-94-4	11
4	4-Methyl-2-phenyl-pent-3-en-1-ol			176	C12H16O	1000186-49-3	11
5	Naphthalene, 1,2,3,4-tetrahydro-...			160	C12H16	001985-59-7	10



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ALS Vial : 11 Sample Multiplier: 1

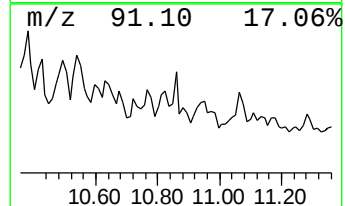
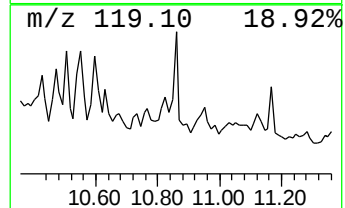
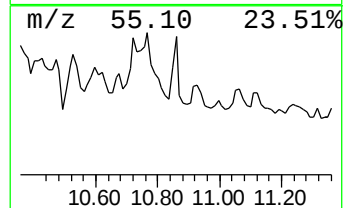
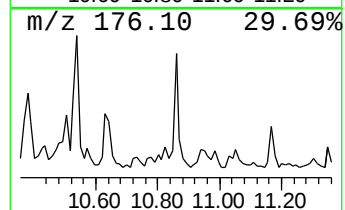
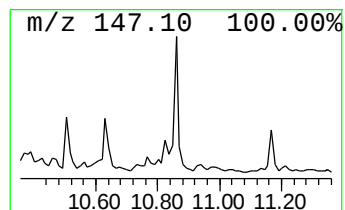
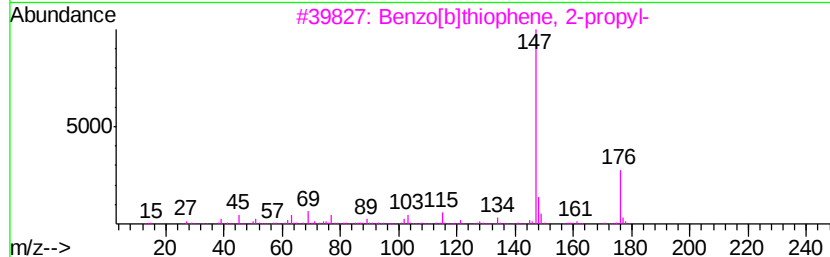
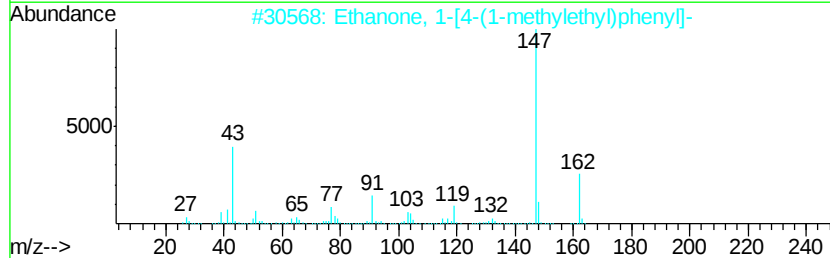
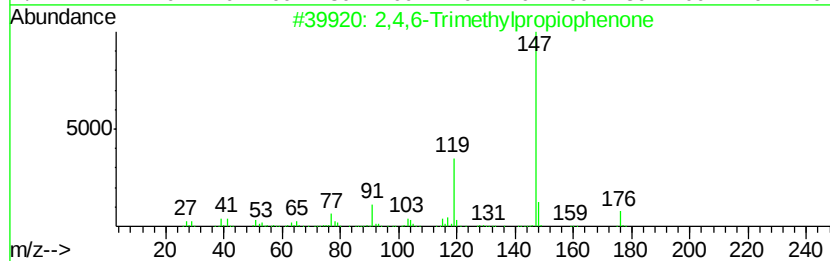
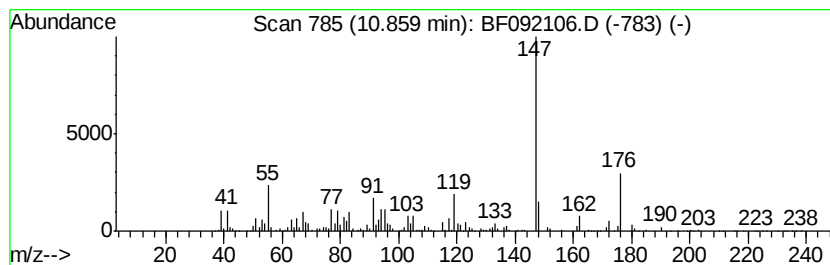
Instrument :
BNA_F
ClientSampleId :
MW-36

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 2,4,6-Trimethylpropiophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.86	9.11 ng	877862	Phenanthrene-d10	11.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Trimethylpropiophenone	176	C12H16O	002040-15-5	59
2	Ethanone, 1-[4-(1-methylethyl)ph...	162	C11H14O	000645-13-6	53
3	Benzo[blthiophene, 2-propyl-	176	C11H12S	016587-32-9	50
4	1-Butanone, 2-chloro-3-methyl-1-...	238	C14H19ClO	055955-90-3	49
5	1(3H)-Isobenzofuranone, 3,3-dime...	162	C10H10O2	001689-09-4	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
Operator : UM/SJ
Sample : I1004-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

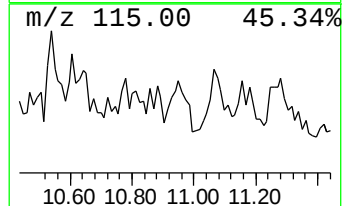
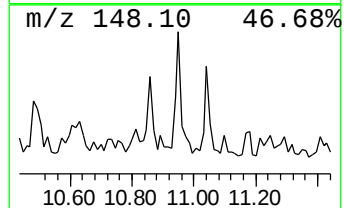
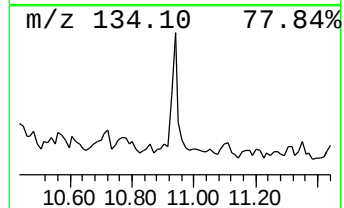
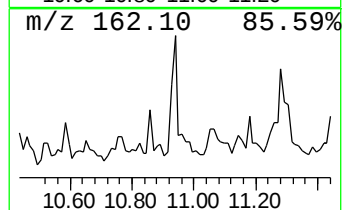
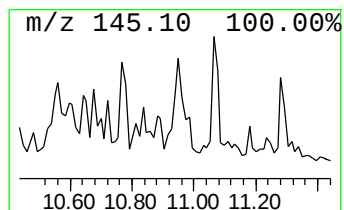
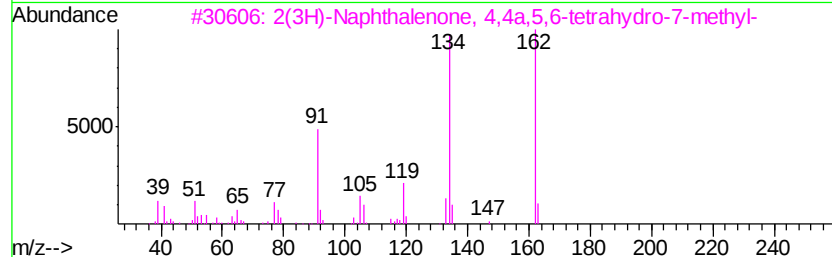
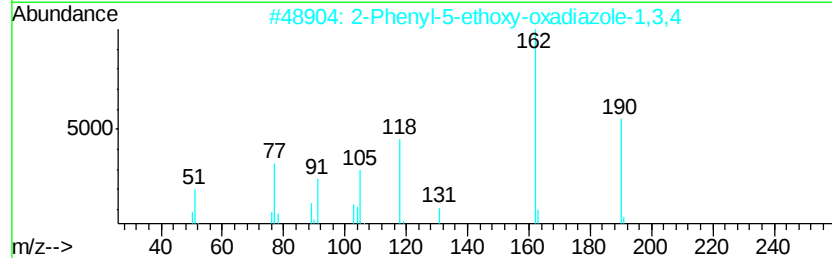
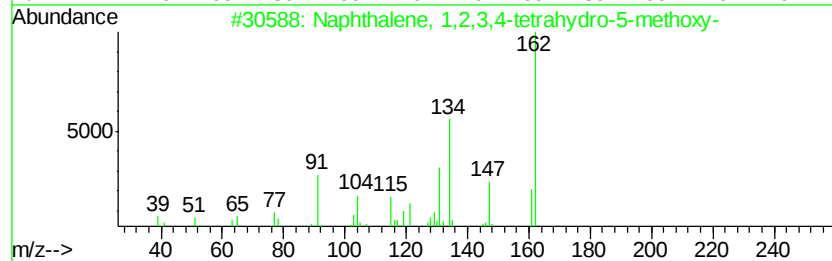
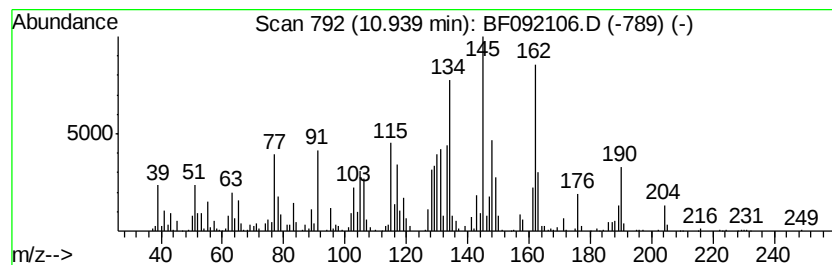
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.94 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	17.86 ng	1721060	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	162	C11H14O	001008-19-1	41
2		2-Phenyl-5-ethoxy-oxadiazole-1,3,4	190	C10H10N2O2	001134-56-1	25
3		2(3H)-Naphthalenone, 4,4a,5,6-te...	162	C11H14O	034545-88-5	25
4		1-(3-Methylbutyl)-2,3,5-trimethy...	190	C14H22	107997-60-4	18
5		4-Methoxycinnamaldehyde	162	C10H10O2	001963-36-6	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092106.D
Acq On : 5 Jan 2017 23:15
Operator : UM/SJ
Sample : I1004-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-36

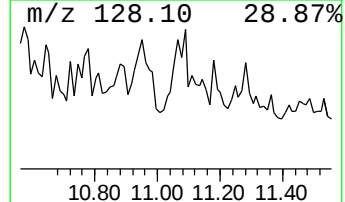
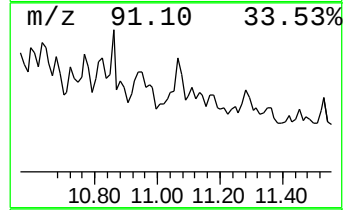
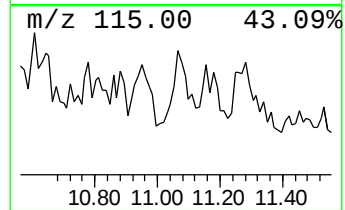
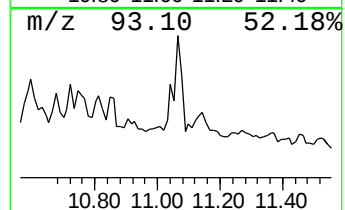
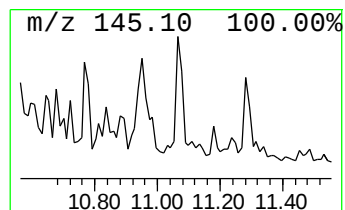
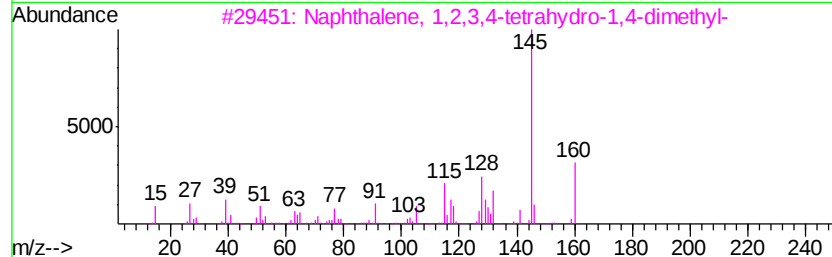
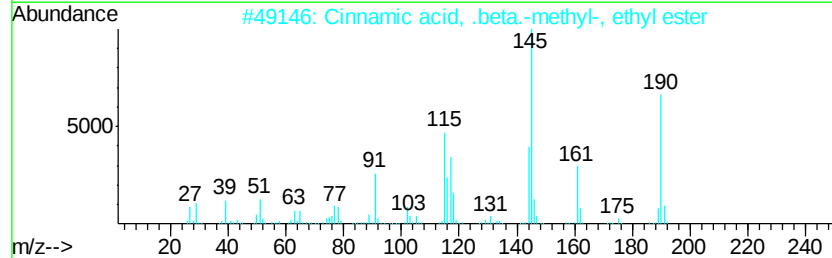
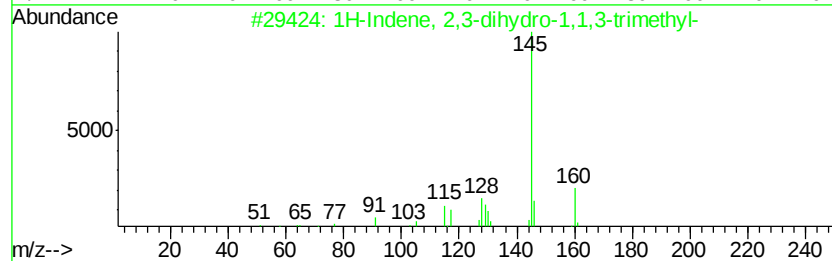
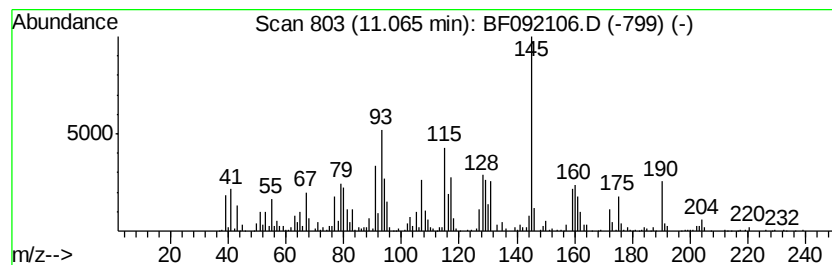
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	23.54 ng	2268450	Phenanthrene-d10	11.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64
2		Cinnamic acid, .beta.-methyl-, e...	190	C12H14O2	000945-93-7	55
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	53
4		2-Propenoic acid, 3-(4-methylphe...	190	C12H14O2	020511-20-0	49
5		Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010517\
 Data File : BF092106.D
 Acq On : 5 Jan 2017 23:15
 Operator : UM/SJ
 Sample : I1004-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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
2-Pentanone, 4-hy...	4.79	9.0	ng	885189	1	6.65	1976230	20.0
unknown6.42	6.42	46.0	ng	4546280	1	6.65	1976230	20.0
unknown7.01	7.01	12.5	ng	1239380	1	6.65	1976230	20.0
1-Adamantanol	8.48	16.6	ng	5507740	2	7.94	6620670	20.0
Naphthalene, 1-me...	8.76	24.8	ng	8222860	2	7.94	6620670	20.0
unknown8.97	8.97	29.3	ng	4350350	3	9.69	2966630	20.0
unknown9.20	9.20	14.4	ng	2133610	3	9.69	2966630	20.0
unknown9.48	9.48	17.5	ng	2597750	3	9.69	2966630	20.0
4-Isopropylphenyl...	9.75	25.5	ng	3788370	3	9.69	2966630	20.0
1-Naphthalenecarb...	9.89	19.0	ng	2817940	3	9.69	2966630	20.0
Adamantane-1-carb...	10.02	15.7	ng	2331430	3	9.69	2966630	20.0
Tricyclo[4.3.1.1(...	10.09	32.3	ng	4796310	3	9.69	2966630	20.0
unknown10.16	10.16	42.3	ng	6273150	3	9.69	2966630	20.0
unknown10.24	10.24	24.4	ng	3625700	3	9.69	2966630	20.0
unknown10.72	10.72	11.0	ng	1057810	4	11.18	1927590	20.0
unknown10.77	10.77	15.6	ng	1505860	4	11.18	1927590	20.0
2,4,6-Trimethylpr...	10.86	9.1	ng	877862	4	11.18	1927590	20.0
unknown10.94	10.94	17.9	ng	1721060	4	11.18	1927590	20.0
1H-Indene, 2,3-di...	11.06	23.5	ng	2268450	4	11.18	1927590	20.0