

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087515.D
 Acq On : 29 May 2016 11:42
 Operator : UM/SJ
 Sample : H3222-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

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-BF052316.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	4.741	274	276	289	rBV3	17108	88641	1.98%	0.199%
2	5.381	329	332	339	rBV	451674	1116732	24.97%	2.502%
3	6.159	397	400	406	rBV	23646	47812	1.07%	0.107%
4	6.867	459	462	464	rBV	33180	71513	1.60%	0.160%
5	6.902	464	465	472	rVB	30284	74793	1.67%	0.168%
6	7.039	476	477	482	rBV	344423	730369	16.33%	1.636%
7	7.119	482	484	492	rVB	1255928	2527332	56.51%	5.662%
8	7.393	505	508	512	rVB3	61833	141140	3.16%	0.316%
9	7.462	512	514	518	rBV	399213	767133	17.15%	1.719%
10	7.530	518	520	524	rVB2	69111	138187	3.09%	0.310%
11	7.702	532	535	541	rBV	1800573	2855656	63.85%	6.398%
12	7.804	541	544	546	rVV	71846	103170	2.31%	0.231%
13	7.839	546	547	549	rVV	47006	77443	1.73%	0.174%
14	7.884	549	551	559	rVB	156490	325366	7.27%	0.729%
15	8.022	559	563	571	rBV2	161576	481397	10.76%	1.079%
16	8.170	573	576	580	rBV	201602	289350	6.47%	0.648%
17	8.250	580	583	585	rBV2	63895	127898	2.86%	0.287%
18	8.319	585	589	590	rBV3	85625	163352	3.65%	0.366%
19	8.387	590	595	602	rVV2	1661112	2682783	59.98%	6.010%
20	8.490	602	604	606	rVV2	43431	68748	1.54%	0.154%
21	8.559	608	610	613	rVB	76510	101774	2.28%	0.228%
22	8.639	615	617	619	rBV3	27362	48263	1.08%	0.108%
23	8.673	619	620	622	rBV2	33948	54728	1.22%	0.123%
24	8.719	622	624	626	rVB	357962	428631	9.58%	0.960%
25	8.776	626	629	632	rBV3	56387	137113	3.07%	0.307%
26	8.902	638	640	643	rBV2	54850	119075	2.66%	0.267%
27	8.993	646	648	653	rVB3	141116	360614	8.06%	0.808%
28	9.096	653	657	661	rBV3	127026	317781	7.10%	0.712%
29	9.187	664	665	668	rVB3	44630	61527	1.38%	0.138%
30	9.279	668	673	675	rBV4	78779	218967	4.90%	0.491%
31	9.347	677	679	681	rVB2	76395	104787	2.34%	0.235%
32	9.382	681	682	684	rBV2	37788	49681	1.11%	0.111%
33	9.473	687	690	691	rBV3	82388	179746	4.02%	0.403%
34	9.496	691	692	695	rVV	715656	1000718	22.37%	2.242%

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35	9.576	697	699	703	rVB4	198652	445028	9.95%	0.997%
36	9.702	707	710	712	rVB3	169171	252379	5.64%	0.565%
37	9.759	713	715	719	rVB4	53055	136753	3.06%	0.306%
38	9.828	719	721	726	rBV3	167807	453064	10.13%	1.015%
39	9.896	726	727	731	rVB2	117028	185422	4.15%	0.415%
40	9.976	731	734	735	rBV2	130355	194387	4.35%	0.436%
41	10.113	742	746	747	rBV2	116999	235877	5.27%	0.528%
42	10.148	747	749	752	rVB3	119147	196942	4.40%	0.441%
43	10.216	752	755	757	rBV3	94603	252202	5.64%	0.565%
44	10.285	757	761	763	rVV2	292080	637652	14.26%	1.429%
45	10.342	763	766	770	rVB	420587	830382	18.57%	1.860%
46	10.490	777	779	782	rVB	285075	491541	10.99%	1.101%
47	10.582	782	787	790	rBV4	296537	752811	16.83%	1.687%
48	10.639	790	792	796	rVB4	170102	373100	8.34%	0.836%
49	10.765	801	803	805	rVV2	240642	280044	6.26%	0.627%
50	10.822	805	808	810	rVB2	128230	219952	4.92%	0.493%
51	10.868	810	812	816	rBV4	162047	342482	7.66%	0.767%
52	10.959	816	820	822	rBV5	139656	345520	7.73%	0.774%
53	11.119	831	834	836	rVB2	172795	330724	7.39%	0.741%
54	11.211	836	842	844	rBV5	190883	803242	17.96%	1.800%
55	11.279	844	848	854	rVV	2646898	4472734	100.00%	10.021%
56	11.405	857	859	861	rBV2	130080	234187	5.24%	0.525%
57	11.451	861	863	865	rVV3	98466	184893	4.13%	0.414%
58	11.508	865	868	869	rVV	124730	203839	4.56%	0.457%
59	11.542	869	871	876	rVV3	158490	438486	9.80%	0.982%
60	11.622	876	878	880	rVB2	134368	215549	4.82%	0.483%
61	11.725	885	887	890	rBV4	105404	187628	4.19%	0.420%
62	11.782	890	892	895	rBV2	130319	232861	5.21%	0.522%
63	11.862	895	899	902	rBV4	230569	644416	14.41%	1.444%
64	11.931	902	905	906	rBV3	100027	230703	5.16%	0.517%
65	11.988	907	910	915	rVB4	324523	853439	19.08%	1.912%
66	12.331	936	940	943	rBV	744568	1329050	29.71%	2.978%
67	12.388	943	945	947	rVV	177240	299076	6.69%	0.670%
68	12.434	947	949	953	rVB4	151051	323126	7.22%	0.724%
69	12.696	969	972	974	rBV2	123900	244746	5.47%	0.548%
70	12.822	980	983	985	rBV	209000	390950	8.74%	0.876%
71	12.925	989	992	993	rBV	234966	501032	11.20%	1.123%

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72	13.016	998	1000	1002	rVB2	150985	205767	4.60%	0.461%
73	13.188	1013	1015	1017	rVB	162582	207480	4.64%	0.465%
74	13.314	1024	1026	1028	rBV2	109362	164989	3.69%	0.370%
75	13.519	1042	1044	1046	rVB	311924	371727	8.31%	0.833%
76	13.634	1051	1054	1058	rBV2	1447049	2242850	50.14%	5.025%
77	13.759	1062	1065	1069	rVB5	119093	287155	6.42%	0.643%
78	13.931	1077	1080	1089	rVB5	164547	471125	10.53%	1.056%
79	14.525	1130	1132	1135	rVB	173158	275273	6.15%	0.617%
80	14.731	1148	1150	1155	rBV	662956	925296	20.69%	2.073%
81	15.234	1192	1194	1195	rBV	60419	85444	1.91%	0.191%
82	15.737	1236	1238	1244	rVB2	164143	263294	5.89%	0.590%
83	16.582	1310	1312	1316	rVB2	34817	50164	1.12%	0.112%
84	16.823	1331	1333	1337	rBV2	66731	109588	2.45%	0.246%
85	17.085	1353	1356	1359	rBV	2458132	2782642	62.21%	6.234%
86	18.343	1464	1466	1472	rVB3	32702	56335	1.26%	0.126%
87	18.434	1472	1474	1482	rVB	514257	748981	16.75%	1.678%
88	20.114	1618	1621	1630	rBV	309316	578640	12.94%	1.296%

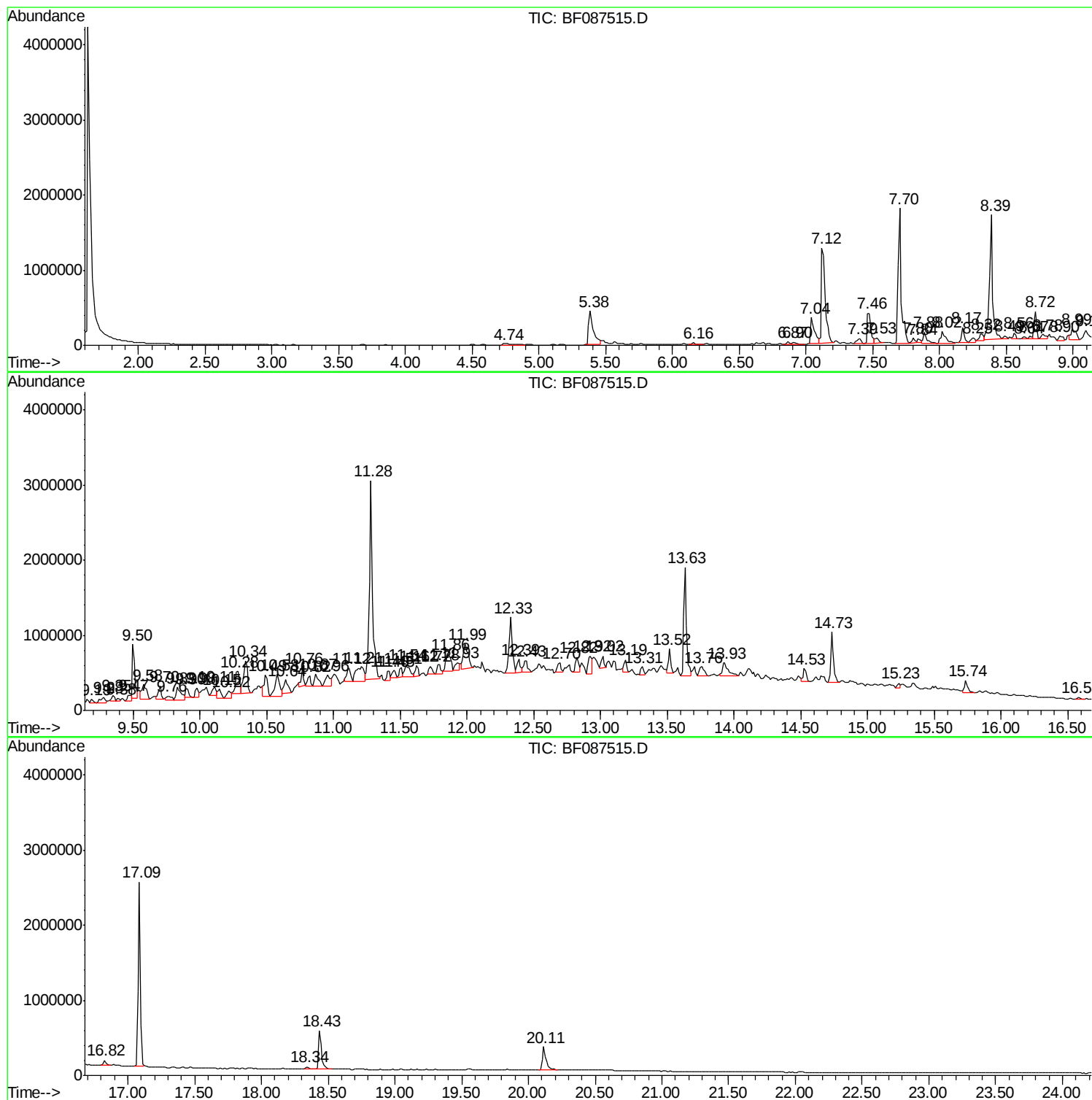
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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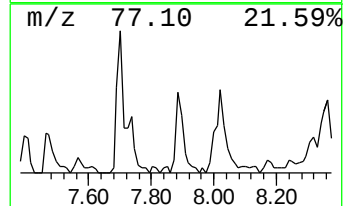
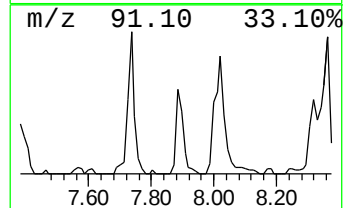
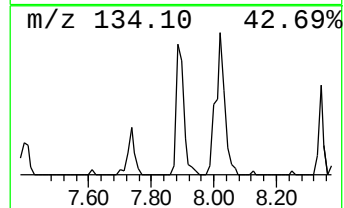
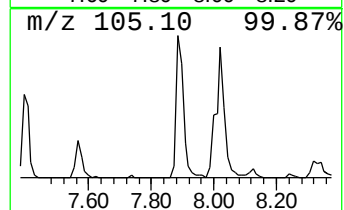
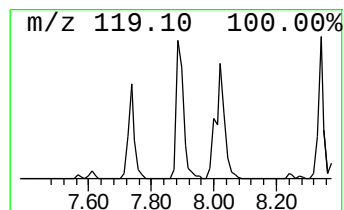
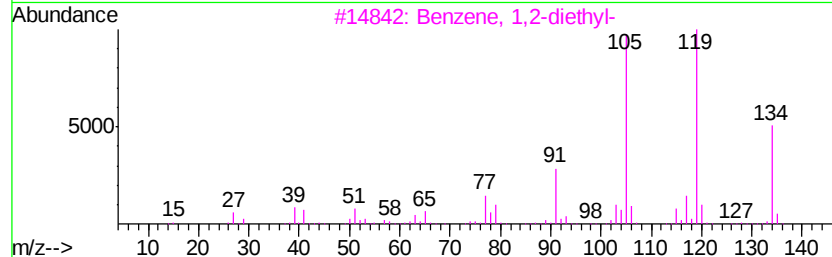
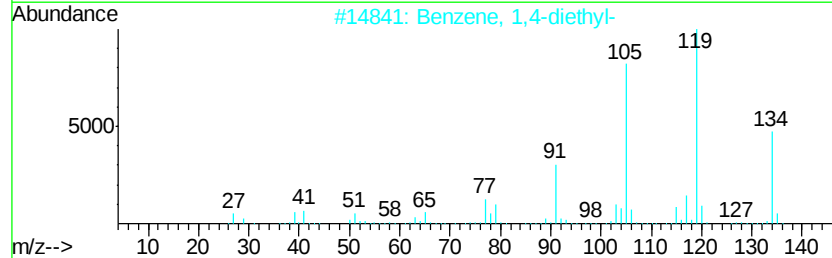
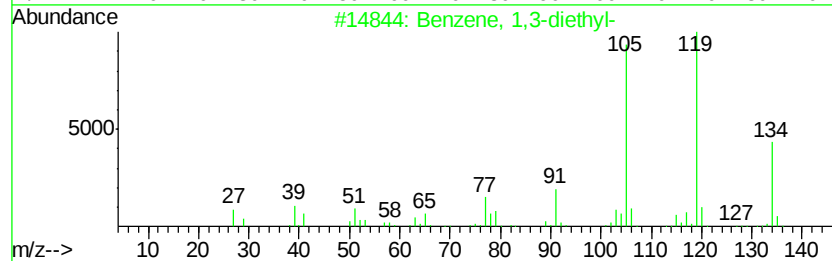
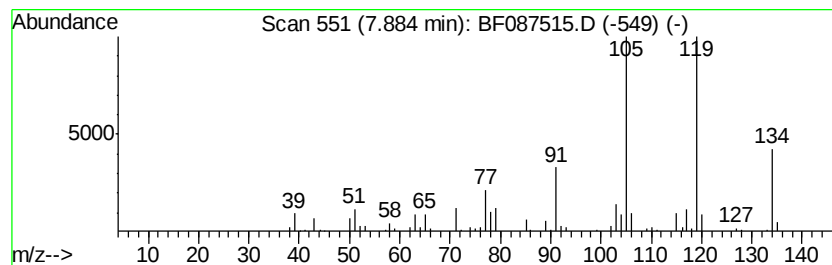
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1,3-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	8.48 ng	325366	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
3		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87



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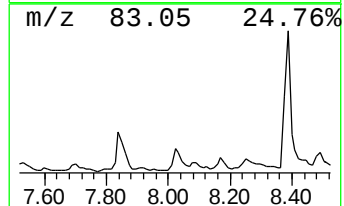
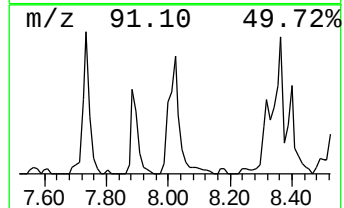
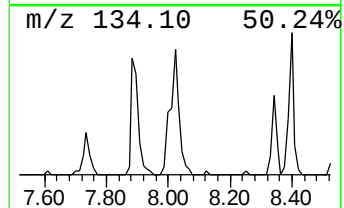
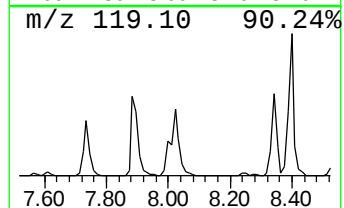
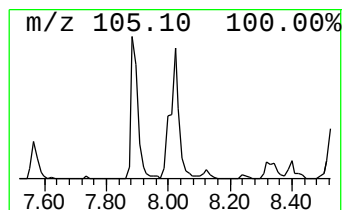
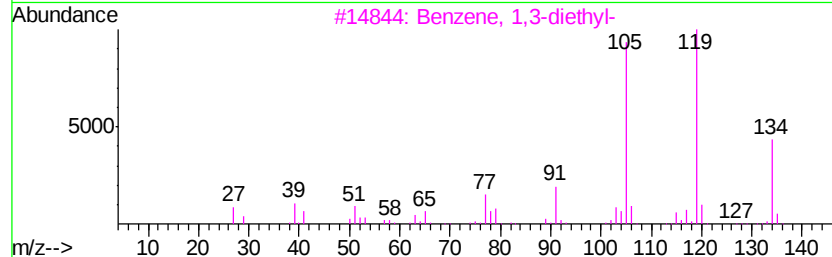
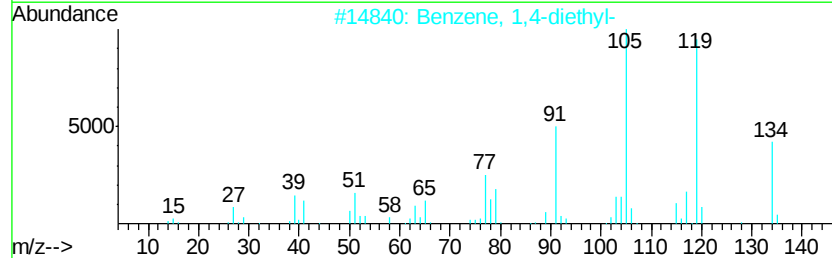
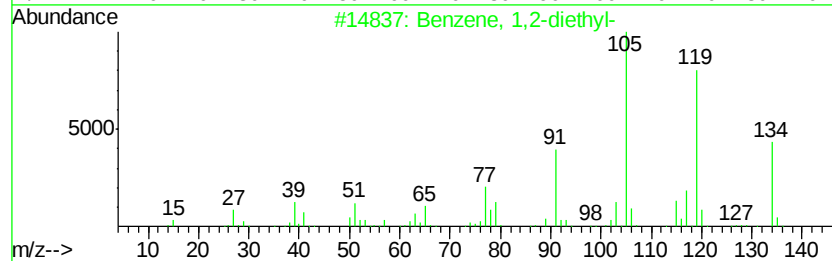
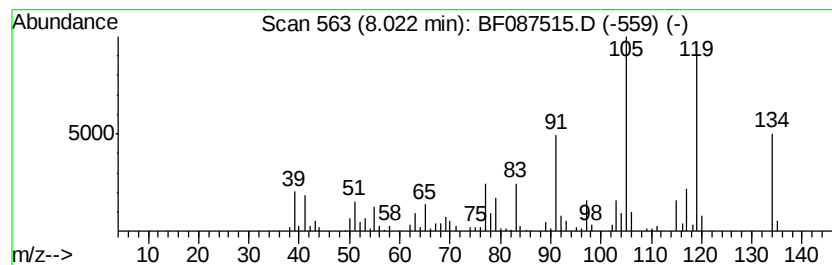
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	12.55 ng	481397	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	98
2		Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	90
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	74
4		Benzofuran, 2,3-dihydro-2-methyl-	134	C9H10O	001746-11-8	68
5		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	64



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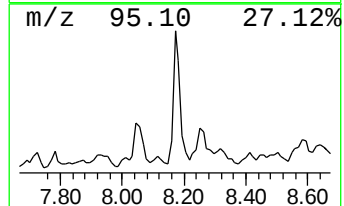
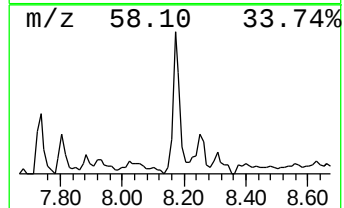
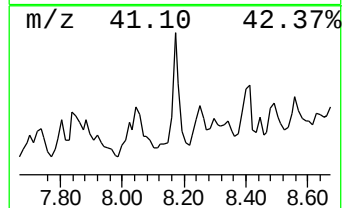
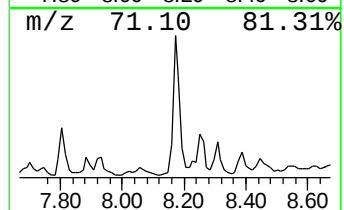
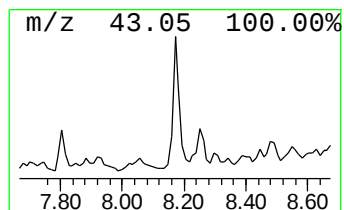
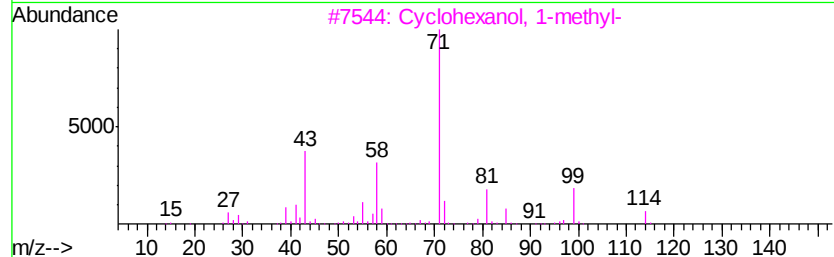
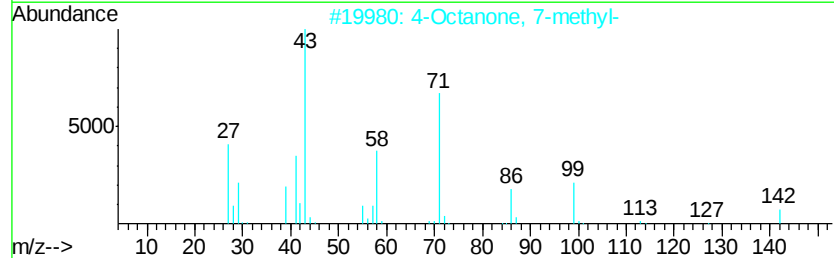
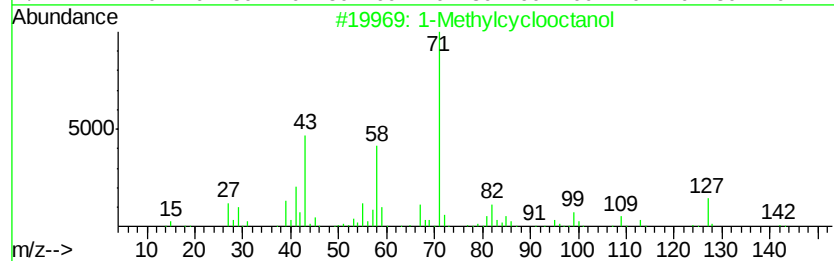
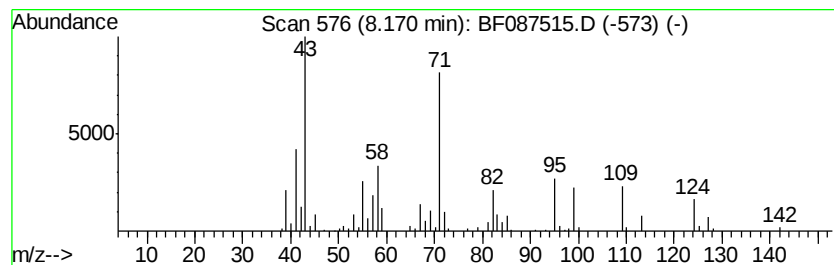
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Methylcyclooctanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.54 ng	289350	1,4-Dichlorobenzene-d4	7.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methylcyclooctanol	142	C9H18O	059123-41-0	50
2		4-Octanone, 7-methyl-	142	C9H18O	020809-46-5	38
3		Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	38
4		1-Methylcycloheptanol	128	C8H16O	003761-94-2	38
5		2(3H)-Furanone, dihydro-3-hydrox...	130	C6H10O3	000079-50-5	35



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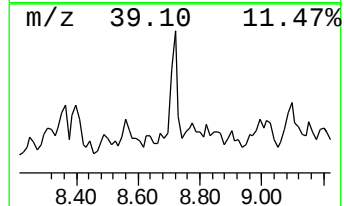
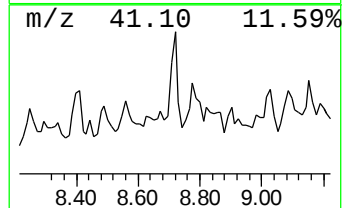
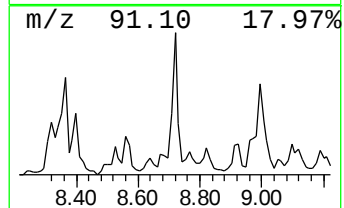
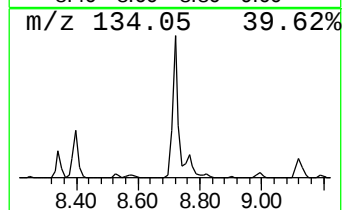
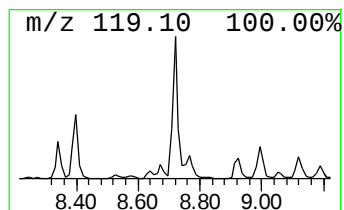
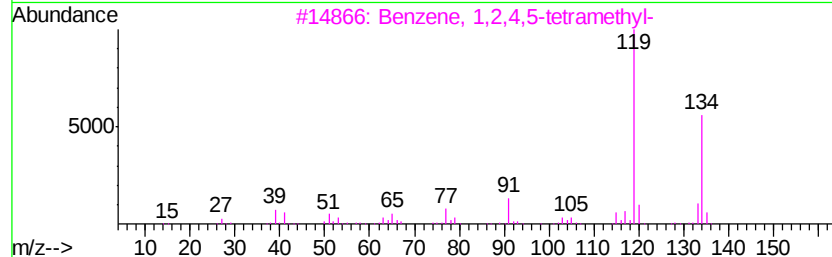
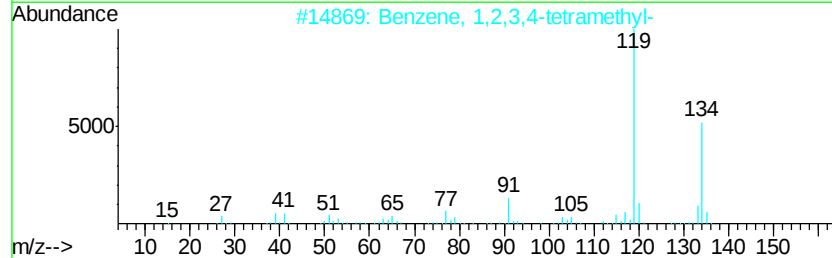
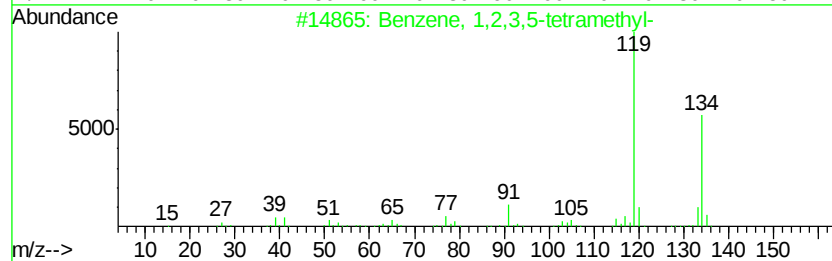
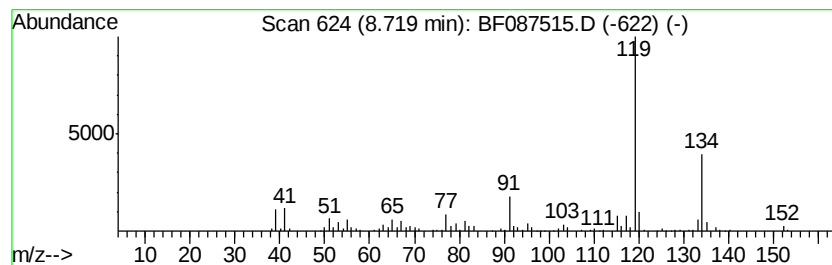
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.57 ng	428631	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4		o-Cymene	134	C10H14	000527-84-4	93
5		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

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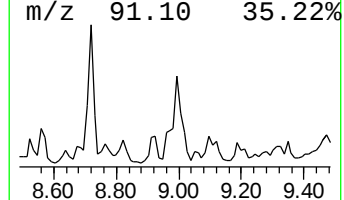
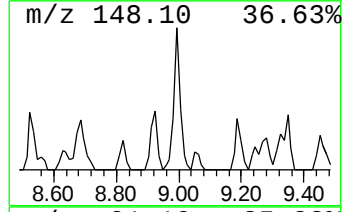
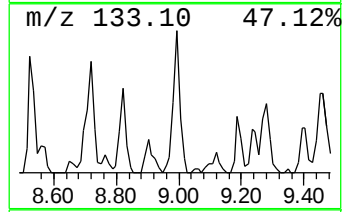
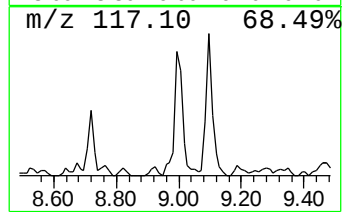
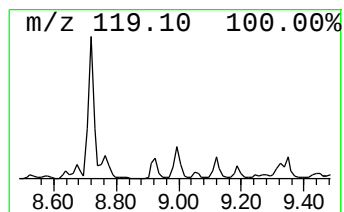
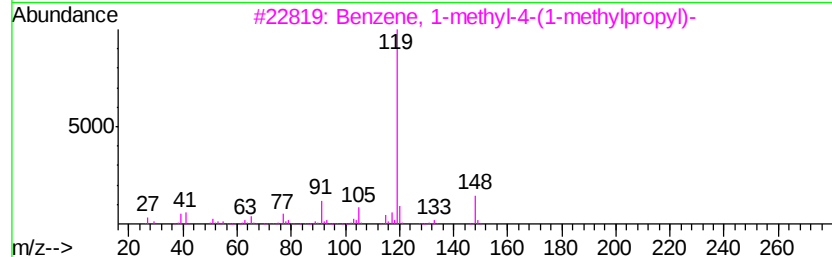
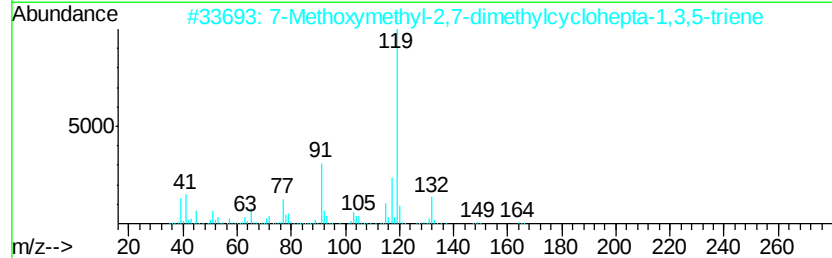
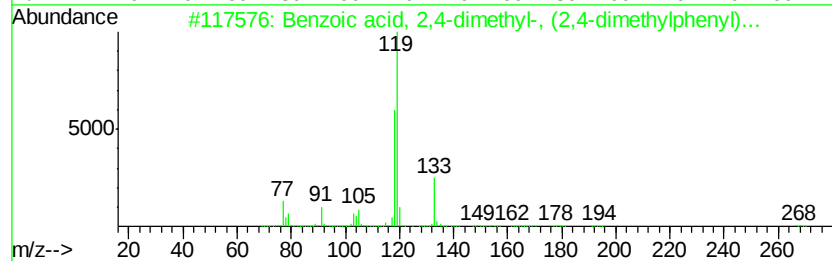
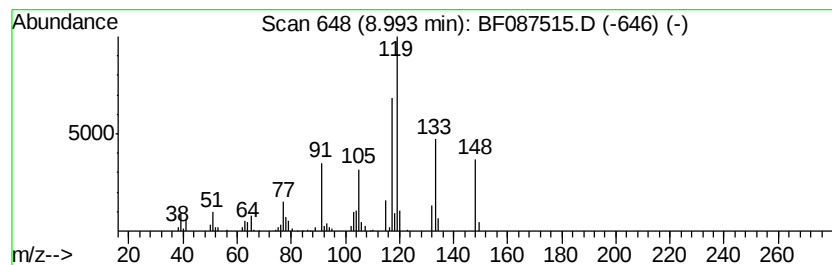
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	7.21 ng	360614	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	47
2		7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	43
3		Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	43
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
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Misc :
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ClientSampleId :
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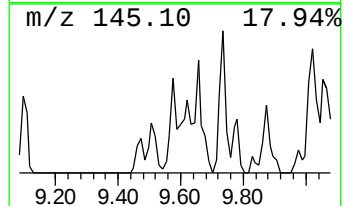
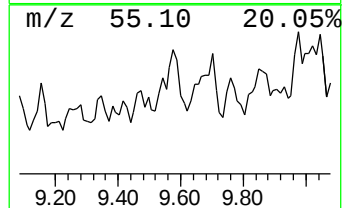
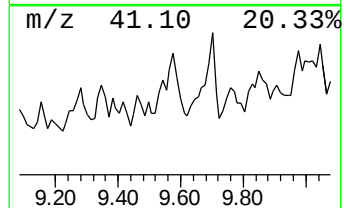
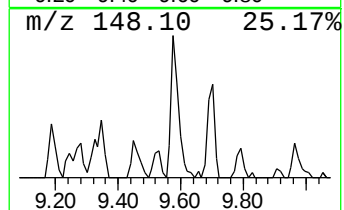
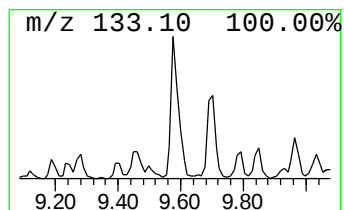
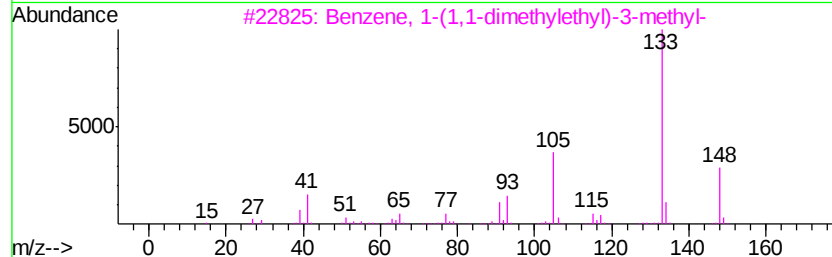
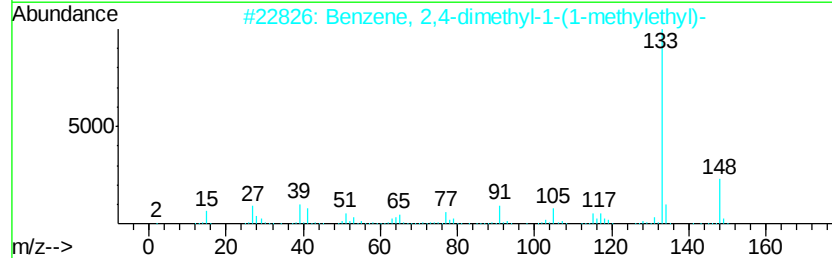
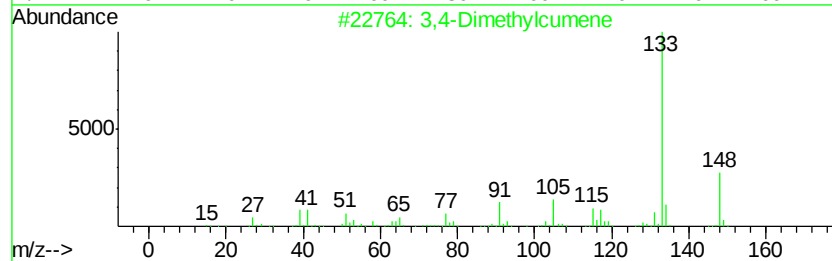
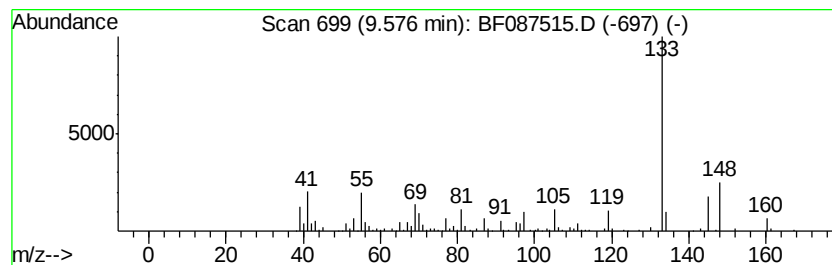
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3,4-Dimethylcumene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	8.89 ng	445028	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dimethylcumene	148	C11H16	1000370-34-1	64
2		Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	59
3		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	58
4		4-tert-Butyltoluene	148	C11H16	000098-51-1	53
5		2-tert-Butyltoluene	148	C11H16	001074-92-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

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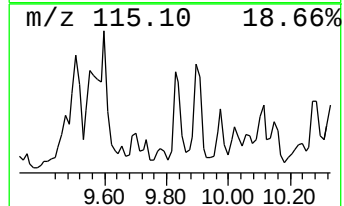
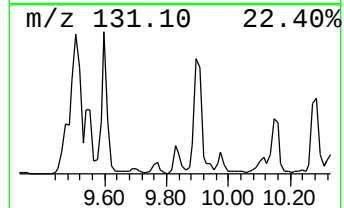
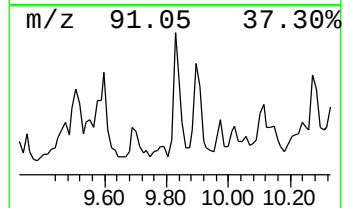
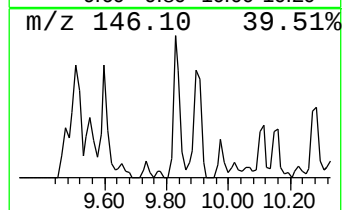
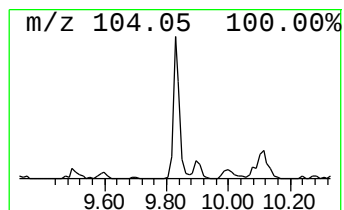
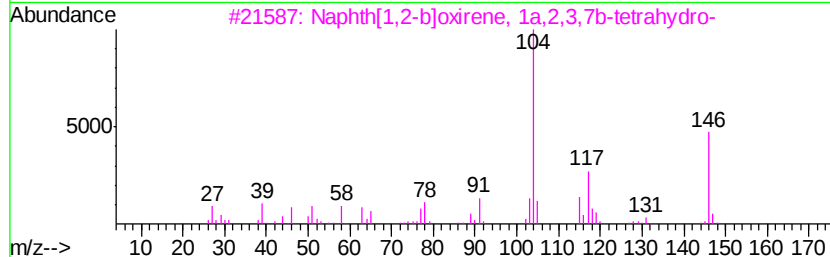
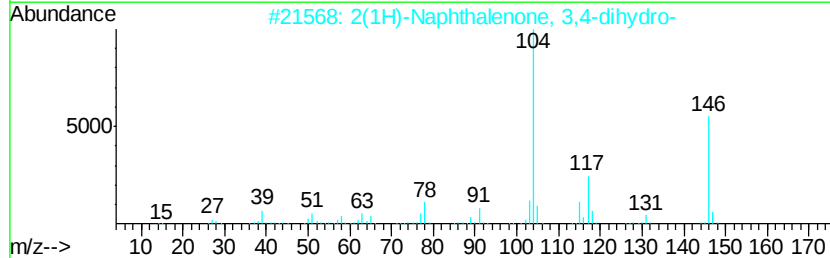
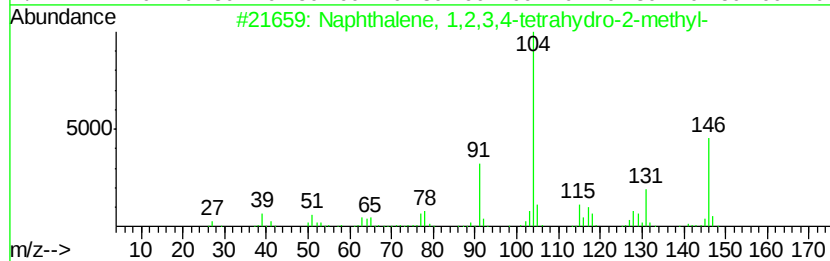
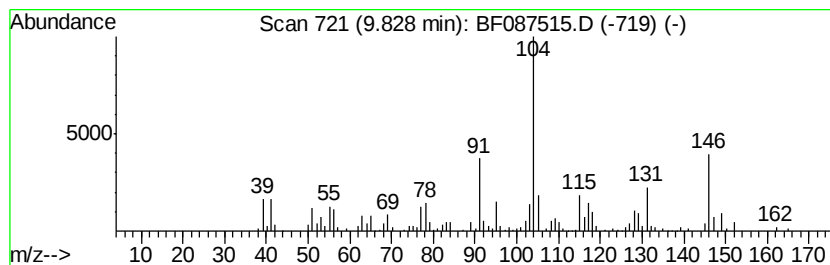
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	9.05 ng	453064	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	94
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	53
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	52
4		Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	47
5		Formamide, N-(2-phenylethyl)-	149	C9H11NO	023069-99-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
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Instrument :
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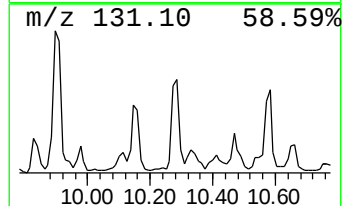
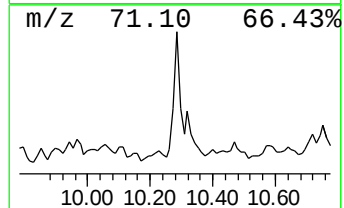
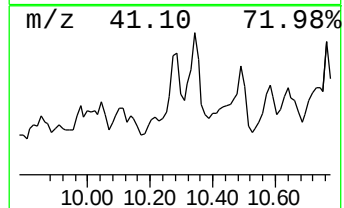
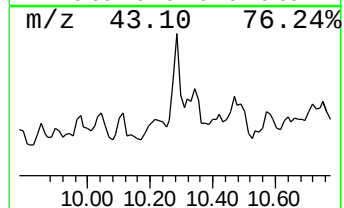
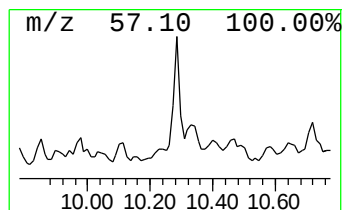
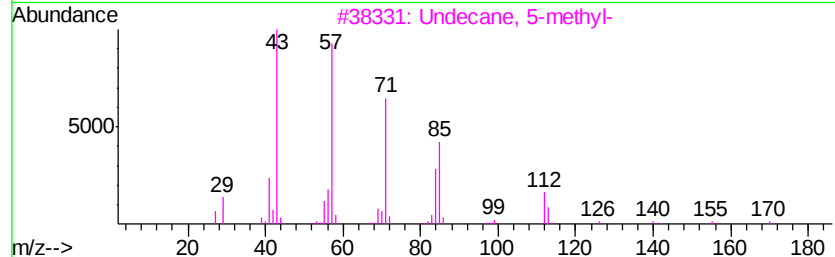
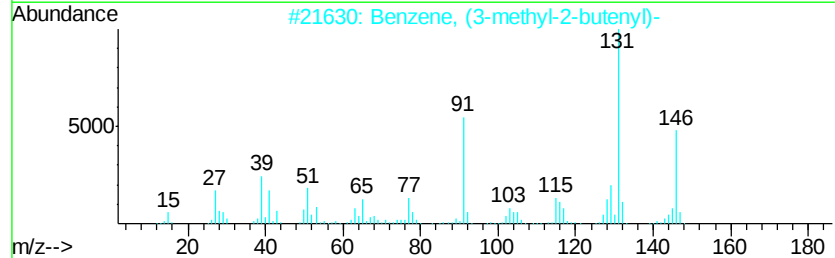
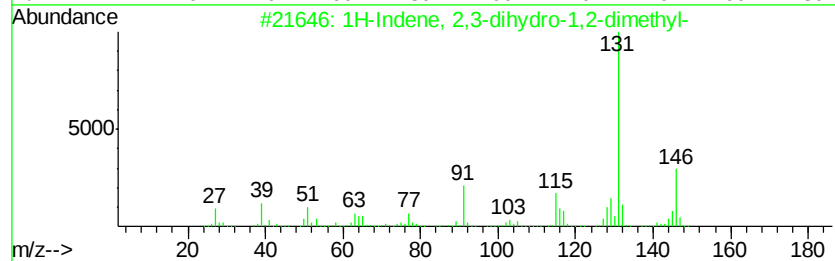
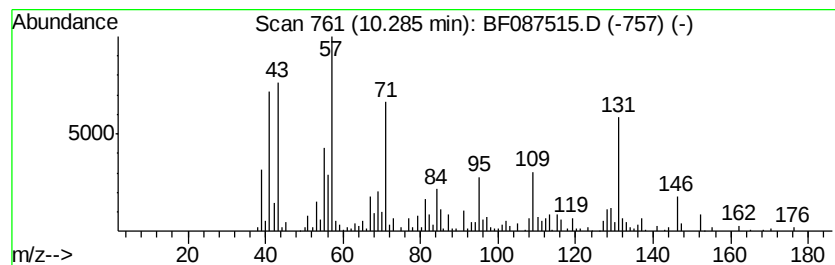
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	12.74 ng	637652	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
2		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
3		Undecane, 5-methyl-	170	C12H26	001632-70-8	38
4		1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	35
5		2,6-Dimethyldecane	170	C12H26	013150-81-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
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ClientSampleId :
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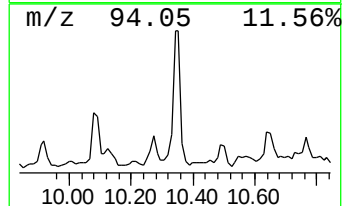
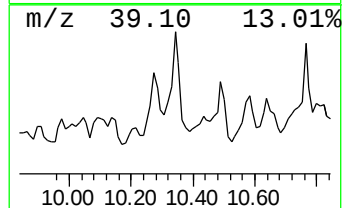
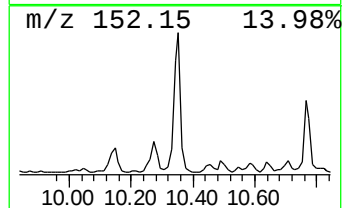
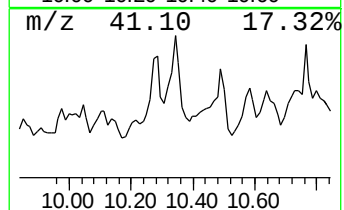
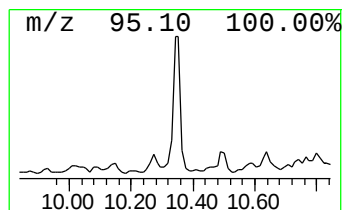
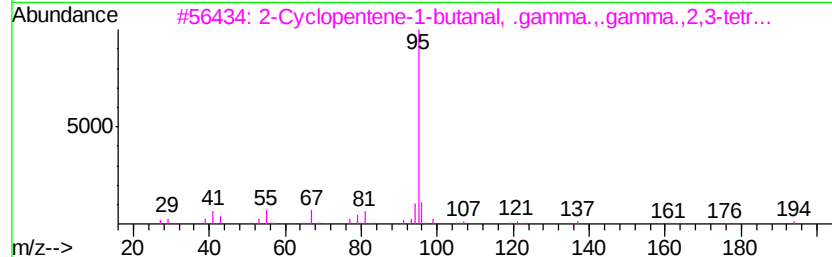
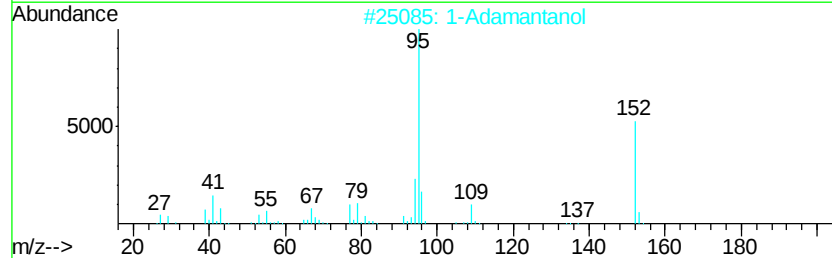
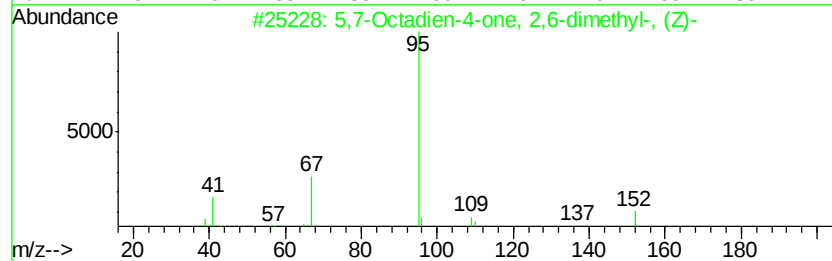
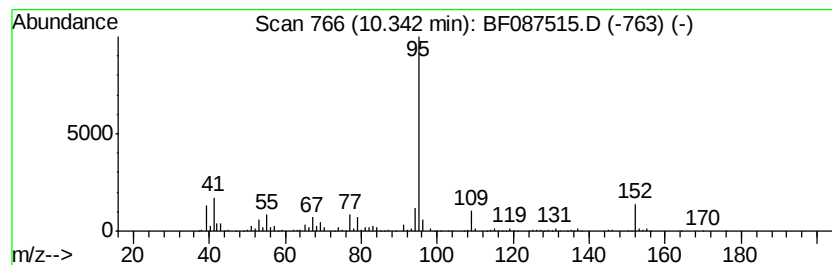
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5,7-Octadien-4-one, 2,6-dim... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	16.60 ng	830382	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	72
2		1-Adamantanol	152	C10H16O	000768-95-6	72
3		2-Cyclopentene-1-butanal, .gamma...	194	C13H22O	060714-25-2	53
4		2-Pyrimidinamine	95	C4H5N3	000109-12-6	53
5		2-Butanone, 4-(5-methyl-2-furanyl)-	152	C9H12O2	013679-56-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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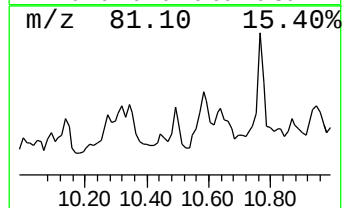
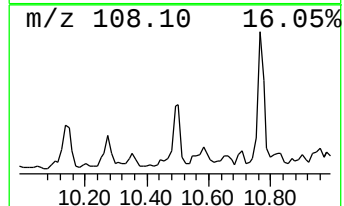
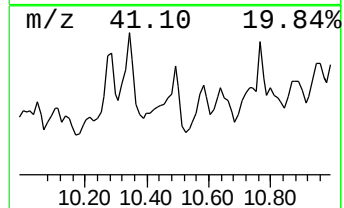
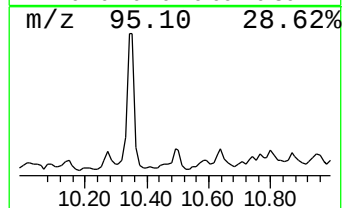
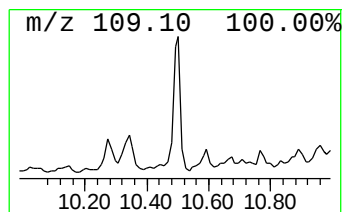
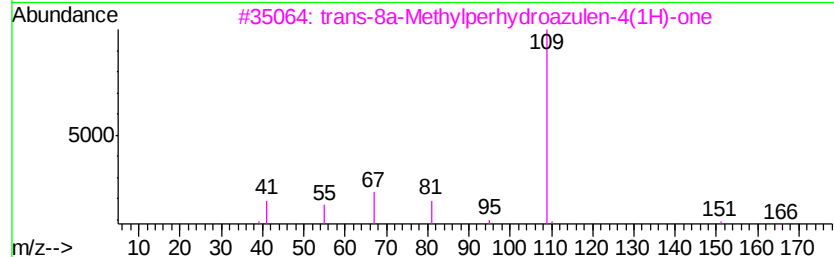
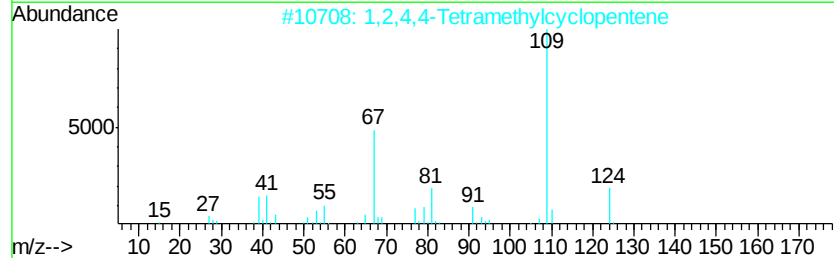
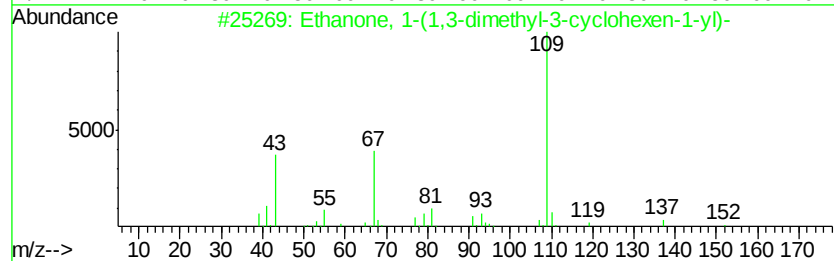
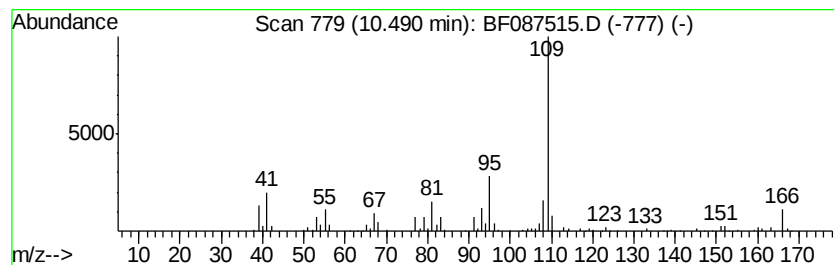
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Ethanone, 1-(1,3-dimethyl-3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	9.82 ng	491541	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	58
2		1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	50
3		trans-8a-Methylperhydroazulen-4(...	166	C11H18O	032166-45-3	50
4		Phenol, 4-amino-	109	C6H7NO	000123-30-8	47
5		Metacetamol	151	C8H9NO2	000621-42-1	47



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Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
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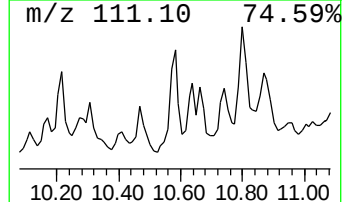
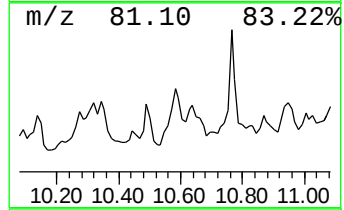
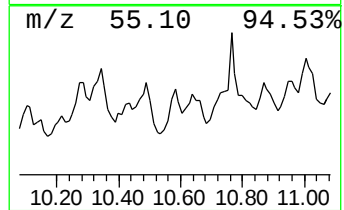
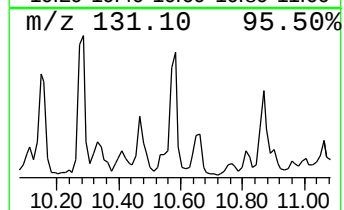
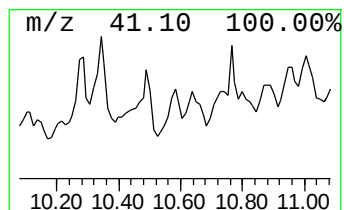
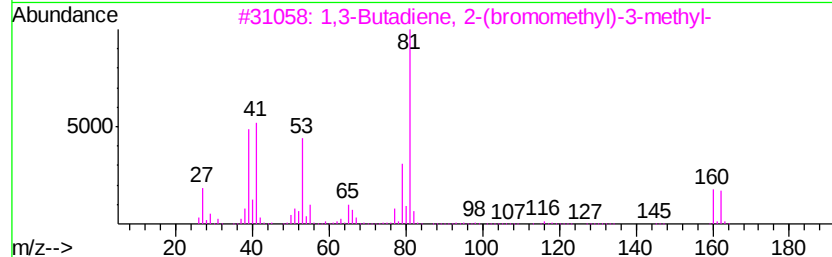
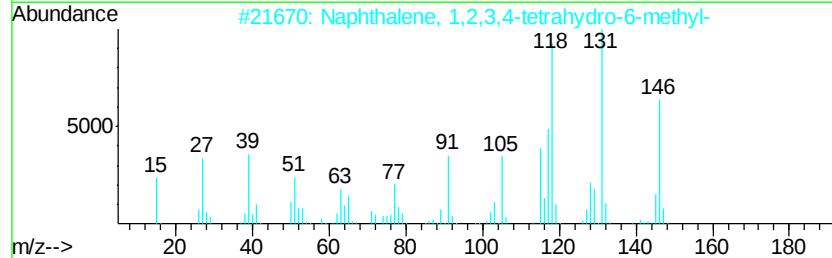
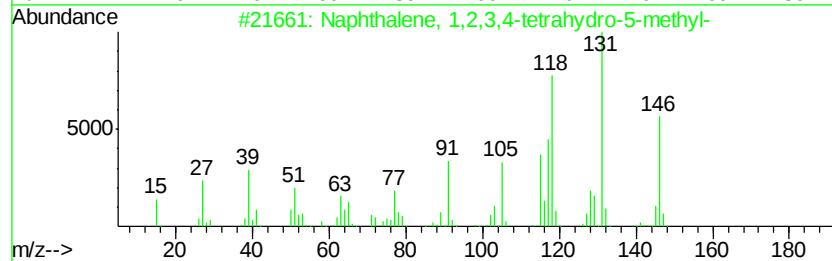
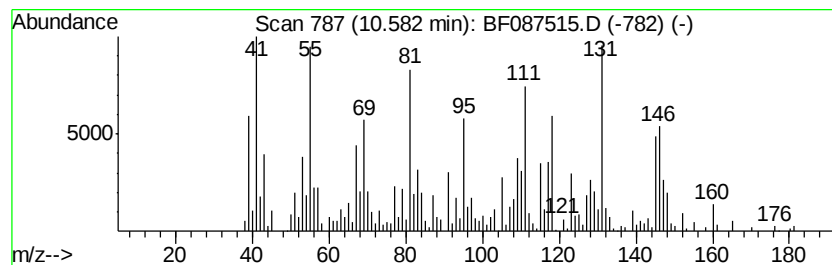
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	15.05 ng	752811	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	56
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	46
3		1,3-Butadiene, 2-(bromomethyl)-3...	160	C6H9Br	074793-41-2	30
4		Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	27
5		3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

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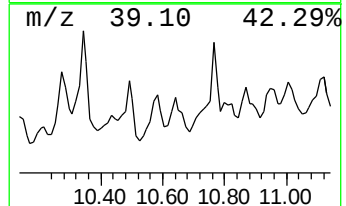
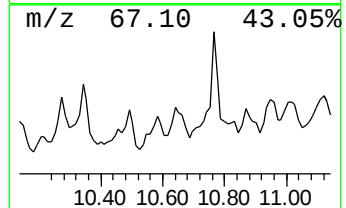
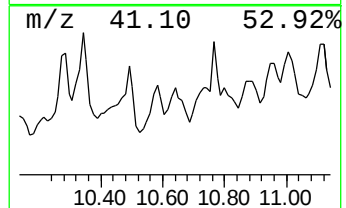
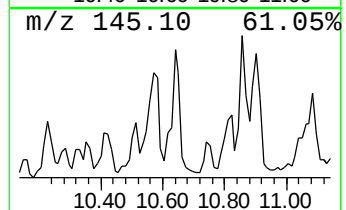
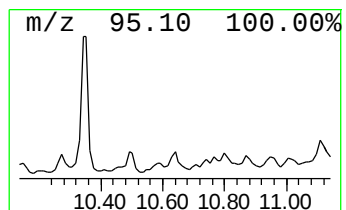
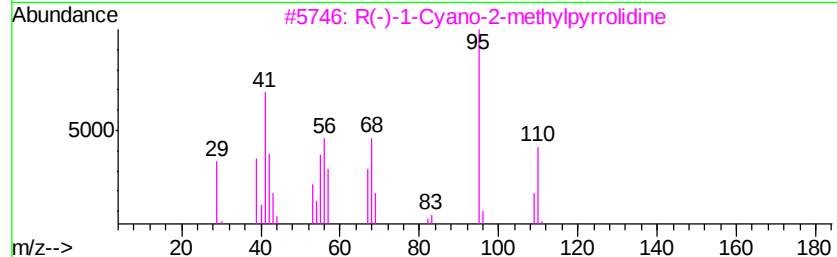
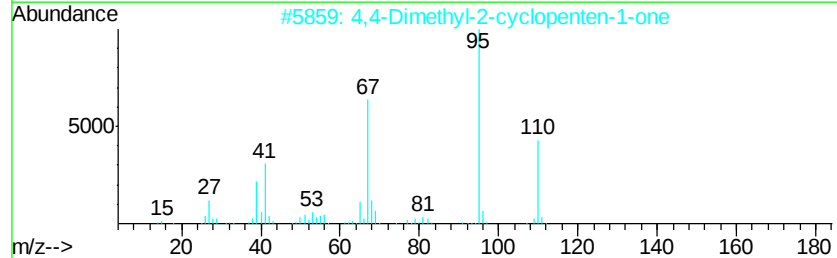
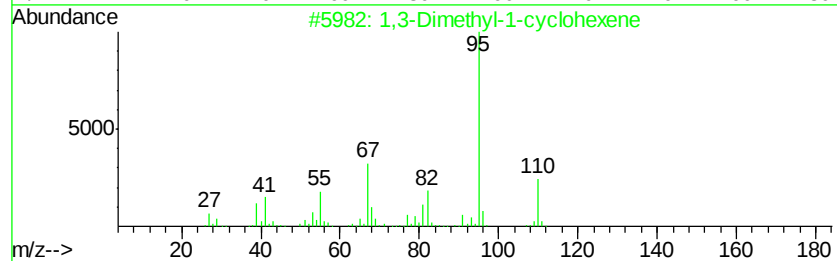
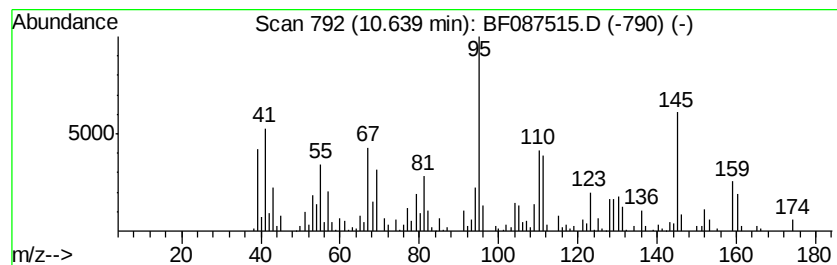
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown10.64 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	7.46 ng	373100	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	43
2		4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	43
3		R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	38
4		trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	38
5		trans,trans-3,5-Heptadien-2-one	110	C7H10O	018402-90-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
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Instrument :
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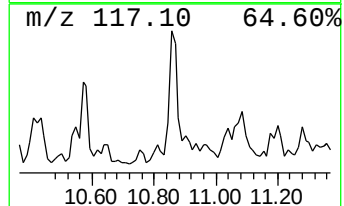
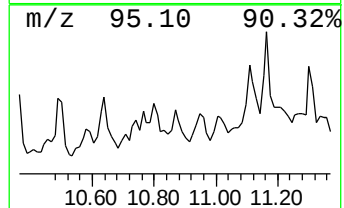
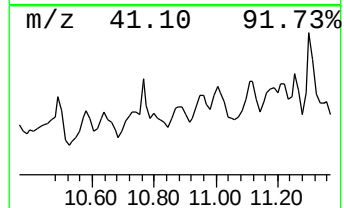
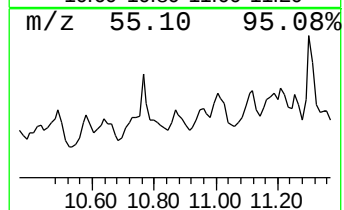
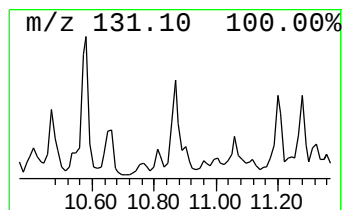
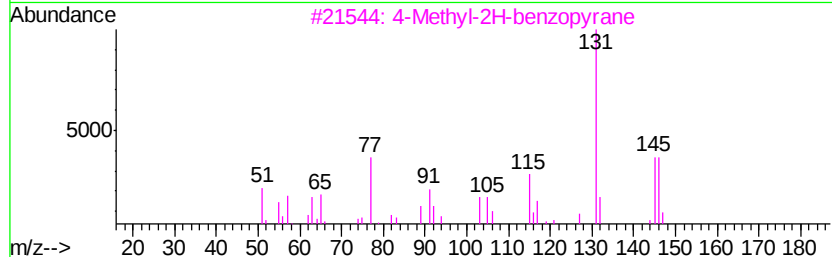
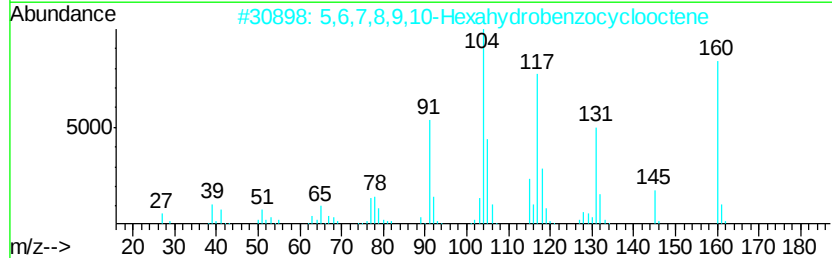
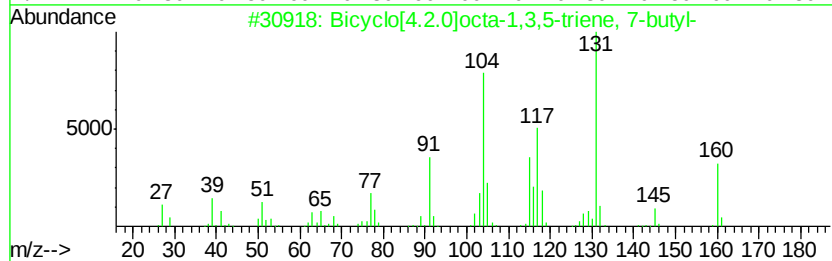
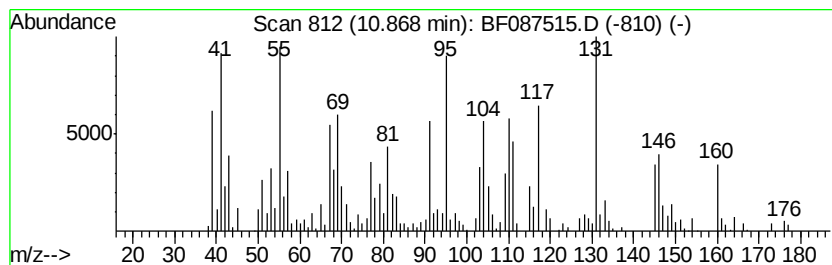
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown10.87 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	6.84 ng	342482	Naphthalene-d8	9.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	42
2			5,6,7,8,9,10-Hexahydrobenzocyclo...	160	C12H16	001076-69-3	38
3			4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	38
4			Benzene, (2-methyl-1-methylenepyr...	146	C11H14	017498-71-4	35
5			1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

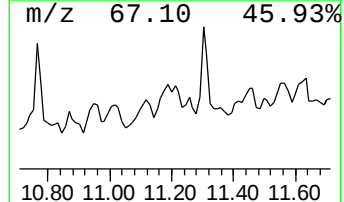
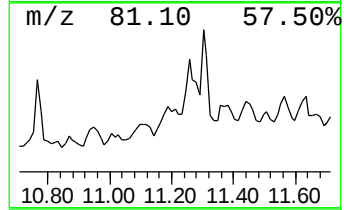
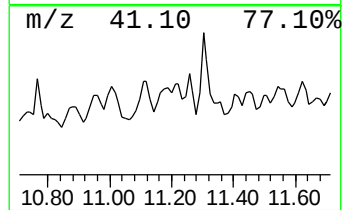
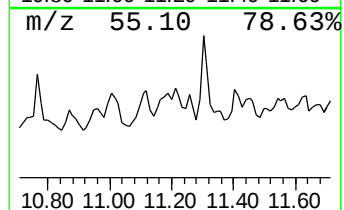
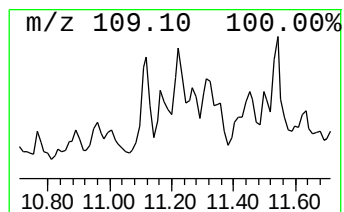
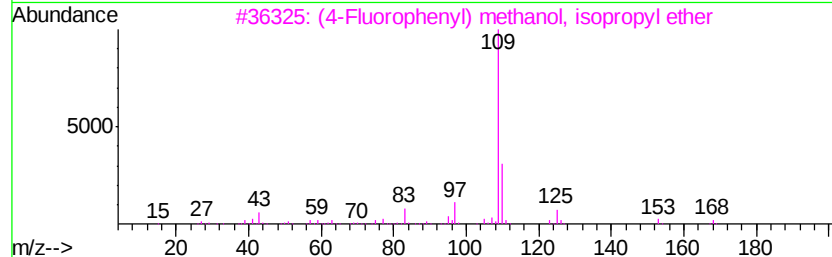
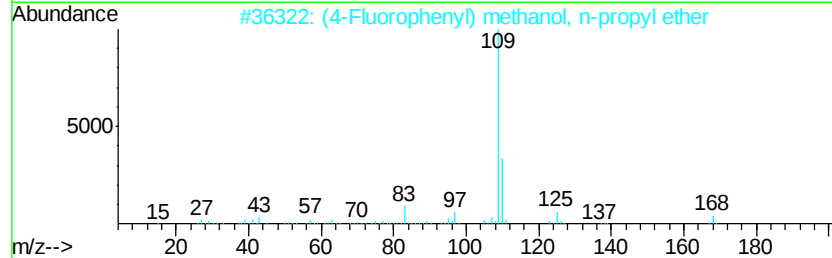
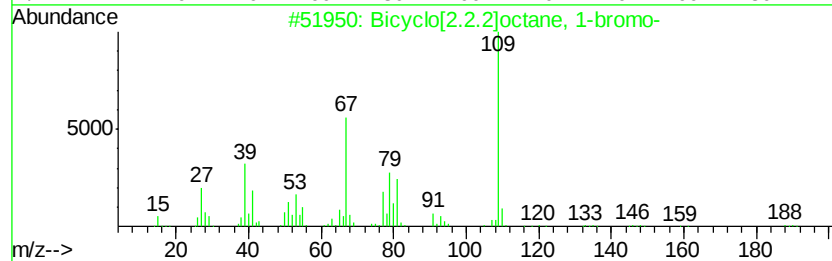
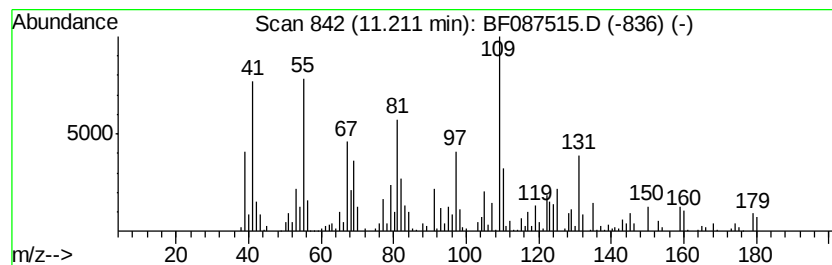
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown11.21 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.21	12.09 ng	803242	Acenaphthene-d10	12.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octane, 1-bromo-	188	C8H13Br	007697-09-8	35
2	(4-Fluorophenyl) methanol, n-pro...	168	C10H13FO	1000374-63-7	27
3	(4-Fluorophenyl) methanol, isopr...	168	C10H13FO	1000374-63-6	27
4	3,5-Dimethyl-1-hexylpyrazole	180	C11H20N2	024475-41-0	27
5	Benzeneethanol, 4-fluoro-	140	C8H9FO	007589-27-7	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
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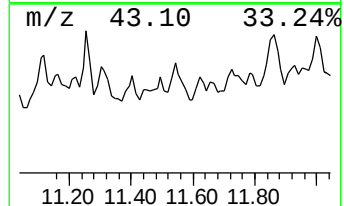
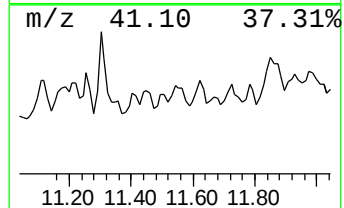
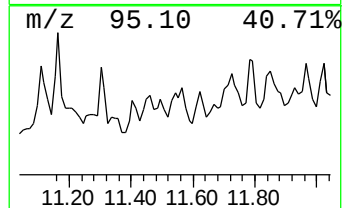
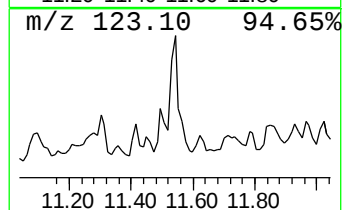
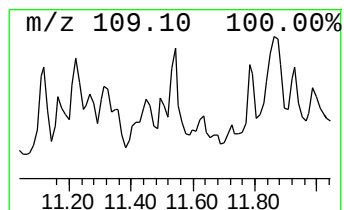
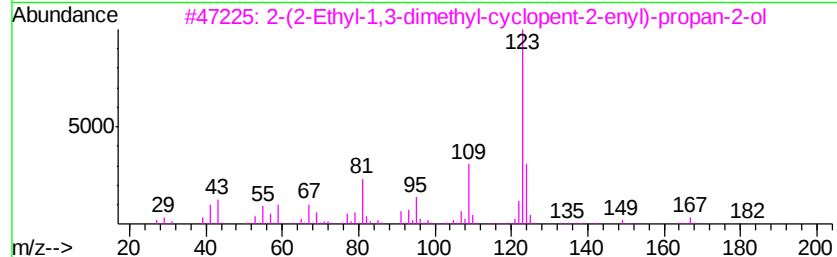
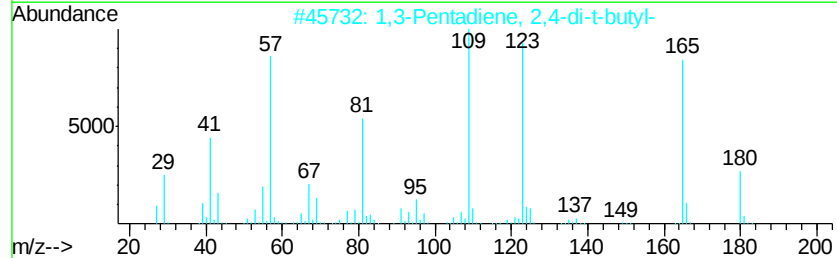
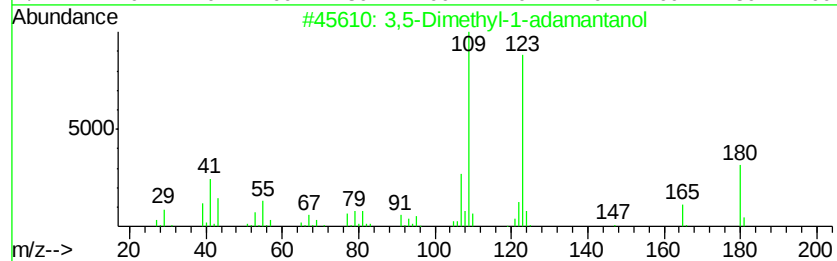
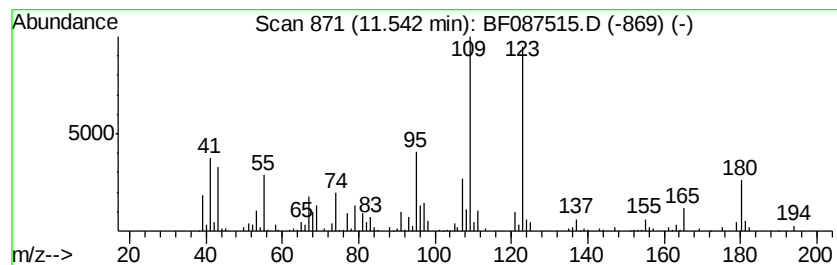
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 3,5-Dimethyl-1-adamantanol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.54	6.60 ng	438486	Acenaphthene-d10	12.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyl-1-adamantanol	180	C12H20O	000707-37-9	74
2	1,3-Pentadiene, 2,4-di-t-butyl-	180	C13H24	132850-21-6	50
3	2-(2-Ethyl-1,3-dimethyl-cyclopent...	182	C12H22O	1000186-82-4	45
4	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	38
5	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
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Misc :
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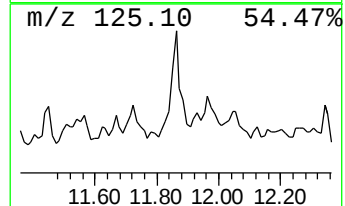
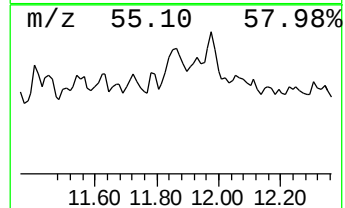
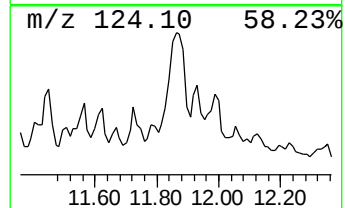
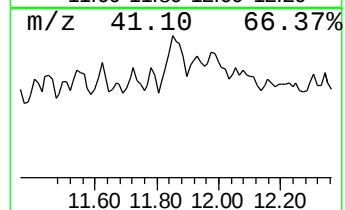
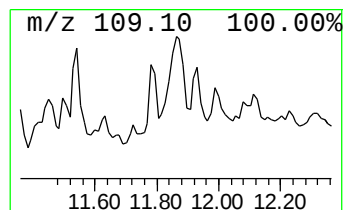
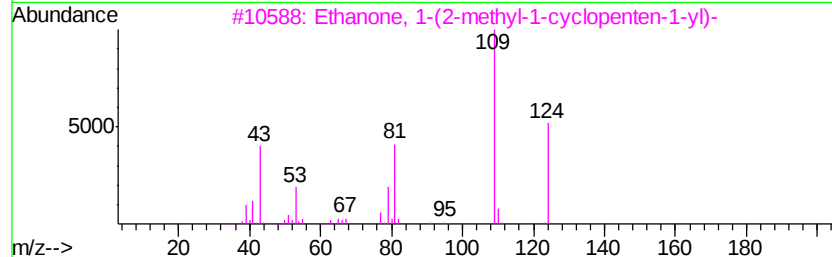
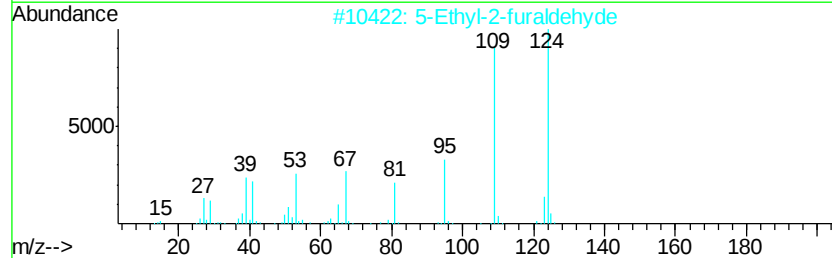
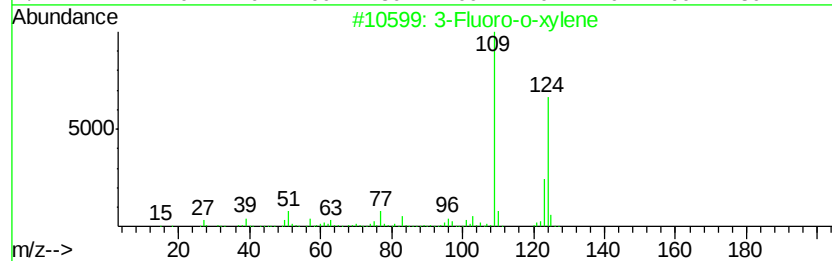
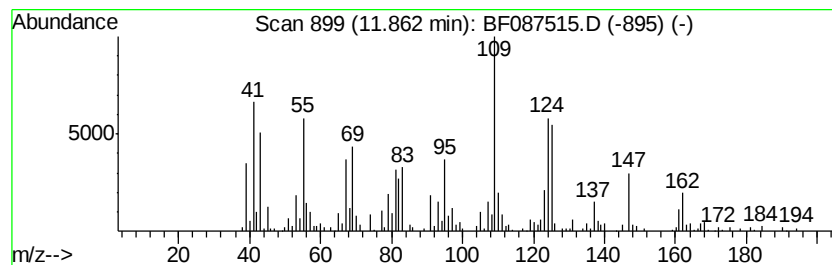
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown11.86 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	9.70 ng	644416	Acenaphthene-d10	12.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Fluoro-o-xylene	124	C8H9F	000443-82-3	43
2			5-Ethyl-2-furaldehyde	124	C7H8O2	023074-10-4	43
3			Ethanone, 1-(2-methyl-1-cyclopent...	124	C8H12O	003168-90-9	38
4			5-Fluoro-m-xylene	124	C8H9F	000461-97-2	38
5			p-Fluoroethylbenzene	124	C8H9F	000459-47-2	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Acq On : 29 May 2016 11:42
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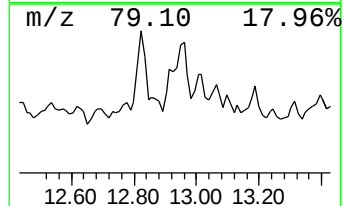
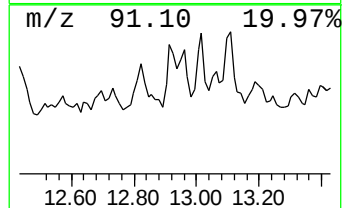
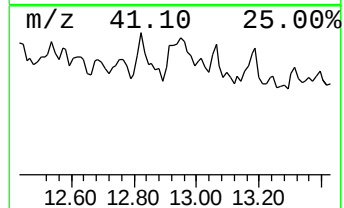
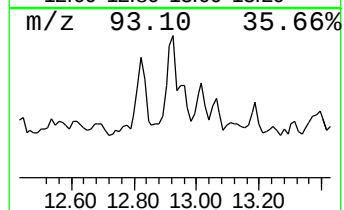
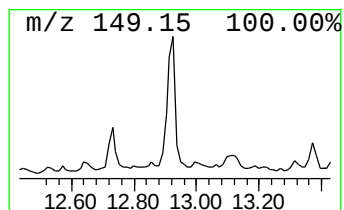
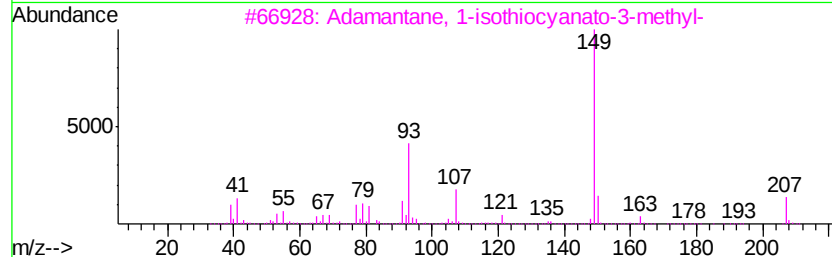
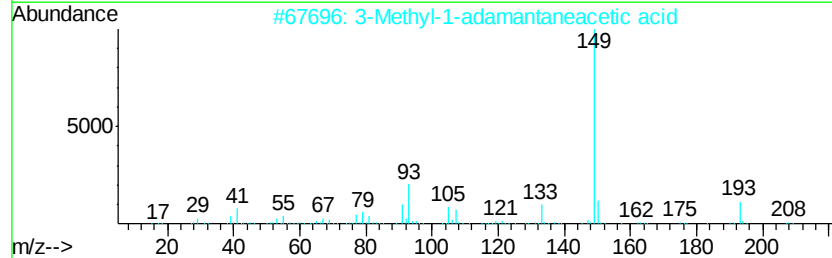
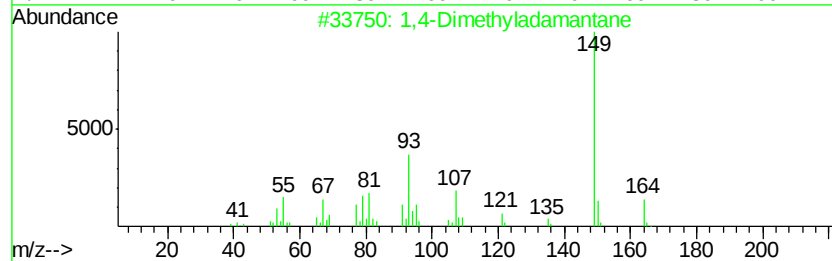
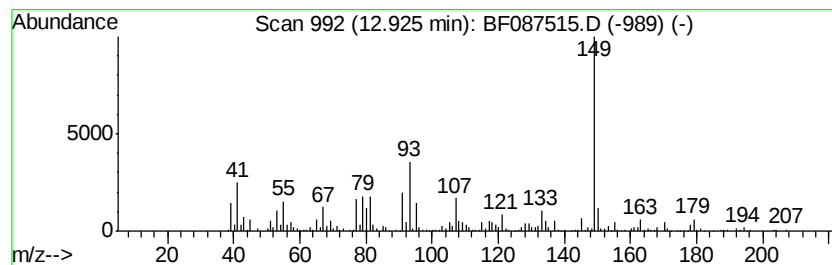
Instrument :
BNA_F
ClientSampleId :
MW-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1,4-Dimethyladamantane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.93	7.54 ng	501032	Acenaphthene-d10		12.33
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dimethyladamantane	164	C12H20	024145-89-9	72
2	3-Methyl-1-adamantaneacetic acid	208	C13H20O2	014202-13-2	64
3	Adamantane, 1-isothiocyanato-3-m...	207	C12H17NS	136860-48-5	59
4	Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	59
5	1H-S-Triazolo[1,5-a]pyridin-4-iu...	149	C7H7N3O	013980-64-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087515.D
Acq On : 29 May 2016 11:42
Operator : UM/SJ
Sample : H3222-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-37

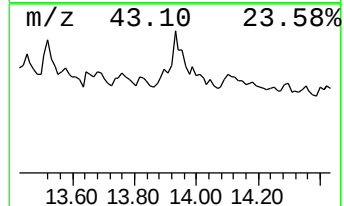
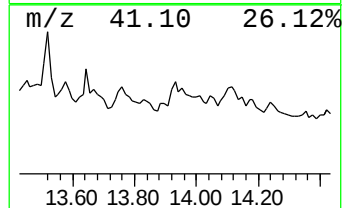
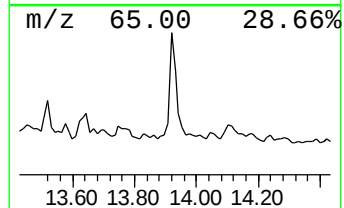
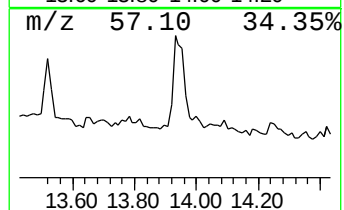
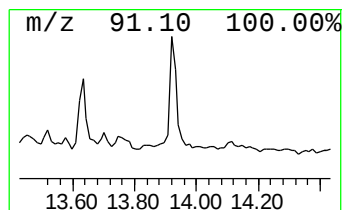
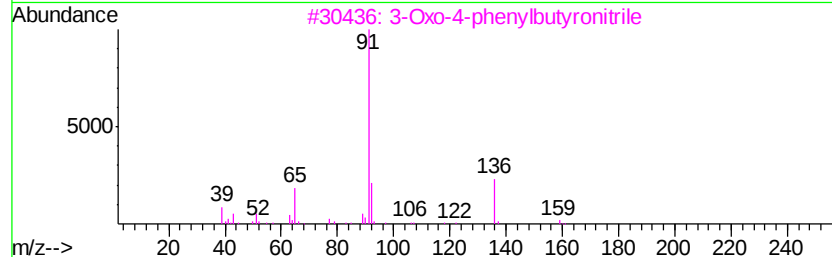
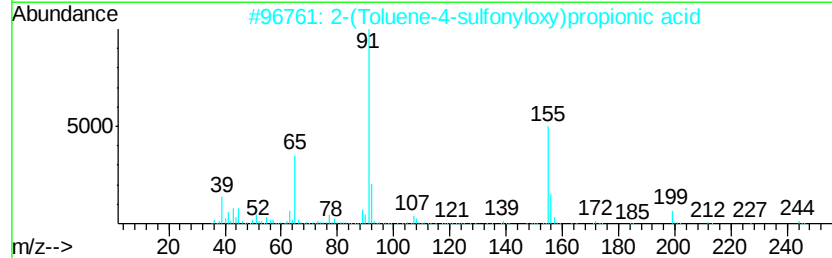
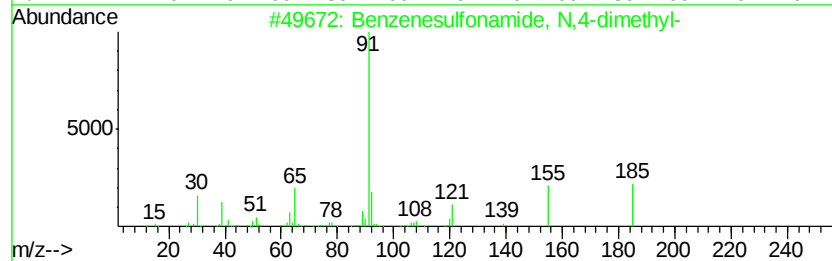
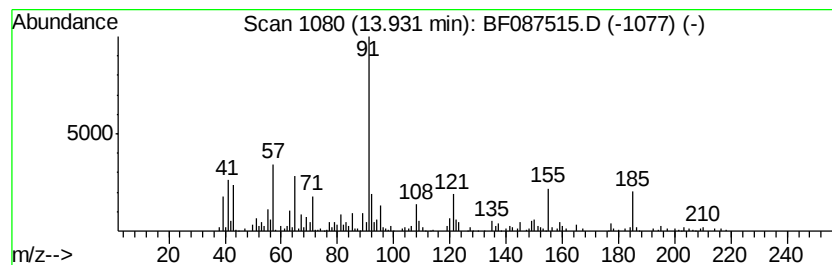
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzenesulfonamide, N,4-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	10.18 ng	471125	Phenanthrene-d10	14.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	62
2			2-(Toluene-4-sulfonyloxy)propion...	244	C10H12O5S	1000210-27-2	43
3			3-Oxo-4-phenylbutyronitrile	159	C10H9NO	019212-27-2	38
4			p-Toluenesulfonylacetone nitrile	195	C9H9NO2S	005697-44-9	38
5			Pyrazole, 1-(4-methylphenylsulfo...	267	C10H9N3O4S	003994-49-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087515.D
 Acq On : 29 May 2016 11:42
 Operator : UM/SJ
 Sample : H3222-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-37

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-diet...	7.88	8.5	ng	325366	1	7.47	767133	20.0
Benzene, 1,2-diet...	8.02	12.6	ng	481397	1	7.47	767133	20.0
1-Methylcyclooctanol	8.17	7.5	ng	289350	1	7.47	767133	20.0
Benzene, 1,2,3,5-...	8.72	8.6	ng	428631	2	9.50	1000720	20.0
unknown8.99	8.99	7.2	ng	360614	2	9.50	1000720	20.0
3,4-Dimethylcumene	9.58	8.9	ng	445028	2	9.50	1000720	20.0
Naphthalene, 1,2,...	9.83	9.1	ng	453064	2	9.50	1000720	20.0
1H-Indene, 2,3-di...	10.28	12.7	ng	637652	2	9.50	1000720	20.0
5,7-Octadien-4-on...	10.34	16.6	ng	830382	2	9.50	1000720	20.0
Ethanone, 1-(1,3-...	10.49	9.8	ng	491541	2	9.50	1000720	20.0
Naphthalene, 1,2,...	10.58	15.1	ng	752811	2	9.50	1000720	20.0
unknown10.64	10.64	7.5	ng	373100	2	9.50	1000720	20.0
unknown10.87	10.87	6.8	ng	342482	2	9.50	1000720	20.0
unknown11.21	11.21	12.1	ng	803242	3	12.33	1329050	20.0
3,5-Dimethyl-1-ad...	11.54	6.6	ng	438486	3	12.33	1329050	20.0
unknown11.86	11.86	9.7	ng	644416	3	12.33	1329050	20.0
1,4-Dimethyladama...	12.93	7.5	ng	501032	3	12.33	1329050	20.0
Benzenesulfonamid...	13.93	10.2	ng	471125	4	14.73	925296	20.0