

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091809.D
 Acq On : 20 Dec 2016 10:14
 Operator : UM/SJ
 Sample : H6147-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

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-BF121716.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	4.704	226	229	232	rBV	170210	206380	2.05%	0.106%
2	4.921	246	248	252	rVV	1153473	1416633	14.10%	0.726%
3	5.253	275	277	280	rBV	325868	349785	3.48%	0.179%
4	5.367	284	287	289	rVB	2790656	3523655	35.06%	1.806%
5	5.493	295	298	299	rBV	118823	187085	1.86%	0.096%
6	5.516	299	300	304	rVV	440179	527310	5.25%	0.270%
7	5.584	304	306	308	rVB	360607	313607	3.12%	0.161%
8	5.630	308	310	311	rBV	775820	685681	6.82%	0.352%
9	5.653	311	312	315	rVB2	252511	267992	2.67%	0.137%
10	5.790	319	324	329	rBV2	729797	980421	9.76%	0.503%
11	5.950	337	338	341	rBV2	201280	338944	3.37%	0.174%
12	6.030	341	345	347	rVB2	196171	270550	2.69%	0.139%
13	6.076	347	349	353	rVB2	237513	344646	3.43%	0.177%
14	6.167	353	357	359	rBV3	102817	284307	2.83%	0.146%
15	6.213	359	361	363	rVB2	168057	200131	1.99%	0.103%
16	6.259	363	365	369	rBV	763374	1027088	10.22%	0.527%
17	6.327	369	371	372	rBV	407951	328659	3.27%	0.168%
18	6.362	372	374	375	rBV	178075	179718	1.79%	0.092%
19	6.396	375	377	378	rBV	1124635	1560885	15.53%	0.800%
20	6.419	378	379	381	rVB	1225601	1619063	16.11%	0.830%
21	6.453	381	382	385	rVB	478395	626662	6.24%	0.321%
22	6.533	385	389	392	rVB	5188406	6768424	67.35%	3.470%
23	6.636	396	398	401	rVB	1089522	1105938	11.00%	0.567%
24	6.716	401	405	406	rBV4	654042	1661925	16.54%	0.852%
25	6.762	406	409	411	rVB3	1145662	1584701	15.77%	0.812%
26	6.796	411	412	415	rVB	979735	829613	8.25%	0.425%
27	6.842	415	416	419	rVB	413351	484853	4.82%	0.249%
28	6.922	420	423	425	rVB	4875828	5649812	56.22%	2.896%
29	6.979	425	428	431	rBV3	595198	1396329	13.89%	0.716%
30	7.059	433	435	436	rVB	232293	231261	2.30%	0.119%
31	7.093	436	438	439	rBV	533052	605739	6.03%	0.311%
32	7.116	439	440	442	rVB2	421999	469612	4.67%	0.241%
33	7.173	442	445	446	rBV2	417272	680389	6.77%	0.349%
34	7.230	448	450	452	rVB2	255473	329643	3.28%	0.169%

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35	7.276	452	454	456 rBV	1499394	2718565	27.05%	1.394%
36	7.333	456	459	460 rVB	3298597	4371021	43.49%	2.241%
37	7.356	460	461	463 rVB2	697203	573100	5.70%	0.294%
38	7.413	463	466	467 rBV2	776185	987882	9.83%	0.506%
39	7.447	467	469	471 rBV2	641280	912941	9.08%	0.468%
40	7.482	471	472	474 rBV2	470318	647022	6.44%	0.332%
41	7.527	474	476	479 rVB4	645788	1085200	10.80%	0.556%
42	7.573	479	480	482 rVB2	1309713	1190016	11.84%	0.610%
43	7.630	482	485	487 rBV2	1046474	2423793	24.12%	1.243%
44	7.665	487	488	490 rVB	1213147	952841	9.48%	0.488%
45	7.722	490	493	496 rBV4	959182	2137084	21.26%	1.096%
46	7.802	496	500	502 rVB4	1457036	3538748	35.21%	1.814%
47	7.870	502	506	509 rBV2	1721069	3542942	35.25%	1.816%
48	7.939	509	512	514 rBV2	857093	1257685	12.51%	0.645%
49	7.985	514	516	519 rBV3	461386	703662	7.00%	0.361%
50	8.053	519	522	523 rBV	2677111	3492638	34.75%	1.790%
51	8.122	525	528	533 rBV6	1099047	3632442	36.14%	1.862%
52	8.225	533	537	541 rVB6	1759410	3901154	38.82%	2.000%
53	8.339	541	547	550 rBV4	2464285	10049851	100.00%	5.152%
54	8.407	550	553	554 rBV2	1511783	2962937	29.48%	1.519%
55	8.487	557	560	561 rVV2	946241	1500040	14.93%	0.769%
56	8.602	567	570	571 rBV2	915713	1759846	17.51%	0.902%
57	8.647	571	574	576 rVB3	2162666	4339164	43.18%	2.224%
58	8.705	576	579	582 rBV4	1101756	2632038	26.19%	1.349%
59	8.762	582	584	586 rBV2	1503610	2137940	21.27%	1.096%
60	8.807	586	588	589 rBV	1177861	1829939	18.21%	0.938%
61	8.842	589	591	592 rVB	2209829	2588529	25.76%	1.327%
62	8.922	592	598	599 rBV6	1532890	5826496	57.98%	2.987%
63	8.979	600	603	605 rBV	1326182	3031559	30.17%	1.554%
64	9.128	614	616	618 rVB	3603908	5588677	55.61%	2.865%
65	9.425	640	642	643 rBV2	999610	1633822	16.26%	0.838%
66	9.573	653	655	658 rBV3	2588863	5010640	49.86%	2.569%
67	9.630	658	660	662 rVB2	1917679	3111334	30.96%	1.595%
68	9.665	662	663	665 rBV2	1003263	1689839	16.81%	0.866%
69	9.802	673	675	677 rVB2	2301380	2925041	29.11%	1.499%
70	9.848	677	679	681 rVB2	1182784	1985693	19.76%	1.018%
71	9.893	681	683	686 rBV3	1701557	3682441	36.64%	1.888%

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72	10.019	693	694	696	rBV2	1607834	2404535	23.93%	1.233%
73	10.191	708	709	711	rVB	782132	811602	8.08%	0.416%
74	10.236	711	713	715	rVV	1558306	3116931	31.01%	1.598%
75	10.282	715	717	721	rVV4	1774619	3923164	39.04%	2.011%
76	10.362	721	724	726	rVB3	2785890	4865497	48.41%	2.494%
77	10.396	726	727	729	rVB2	1273021	1280321	12.74%	0.656%
78	10.476	731	734	739	rVB5	2025246	5124672	50.99%	2.627%
79	10.602	742	745	747	rVB3	2835476	4920796	48.96%	2.523%
80	10.659	747	750	752	rBV2	934914	1929451	19.20%	0.989%
81	10.716	754	755	760	rVB4	1691755	3245959	32.30%	1.664%
82	10.796	760	762	764	rVB2	627676	944992	9.40%	0.484%
83	10.831	764	765	766	rBV	887770	917864	9.13%	0.471%
84	10.968	775	777	778	rVB2	726506	835907	8.32%	0.429%
85	11.036	781	783	784	rBV	693702	1015588	10.11%	0.521%
86	11.162	791	794	801	rVV6	810239	2348406	23.37%	1.204%
87	11.265	801	803	804	rVV	1011088	1308371	13.02%	0.671%
88	11.288	804	805	810	rVB	2187617	2823653	28.10%	1.448%
89	11.528	824	826	827	rBV2	296583	272106	2.71%	0.139%
90	11.631	833	835	838	rVB3	447183	792294	7.88%	0.406%
91	11.711	840	842	844	rVV	443297	498921	4.96%	0.256%
92	11.848	852	854	856	rBV2	583756	583367	5.80%	0.299%
93	11.974	863	865	870	rVV	319439	521666	5.19%	0.267%
94	12.065	870	873	883	rVB	436216	1242256	12.36%	0.637%
95	12.614	919	921	924	rBV	475457	461787	4.59%	0.237%
96	12.876	941	944	946	rVB	5133862	5970160	59.41%	3.061%
97	13.917	1032	1035	1037	rBV	1554765	1763122	17.54%	0.904%
98	15.311	1154	1157	1159	rBV	1163370	1404915	13.98%	0.720%
99	15.345	1159	1160	1168	rVB	110011	169600	1.69%	0.087%
100	16.203	1233	1235	1238	rVB	103427	180254	1.79%	0.092%

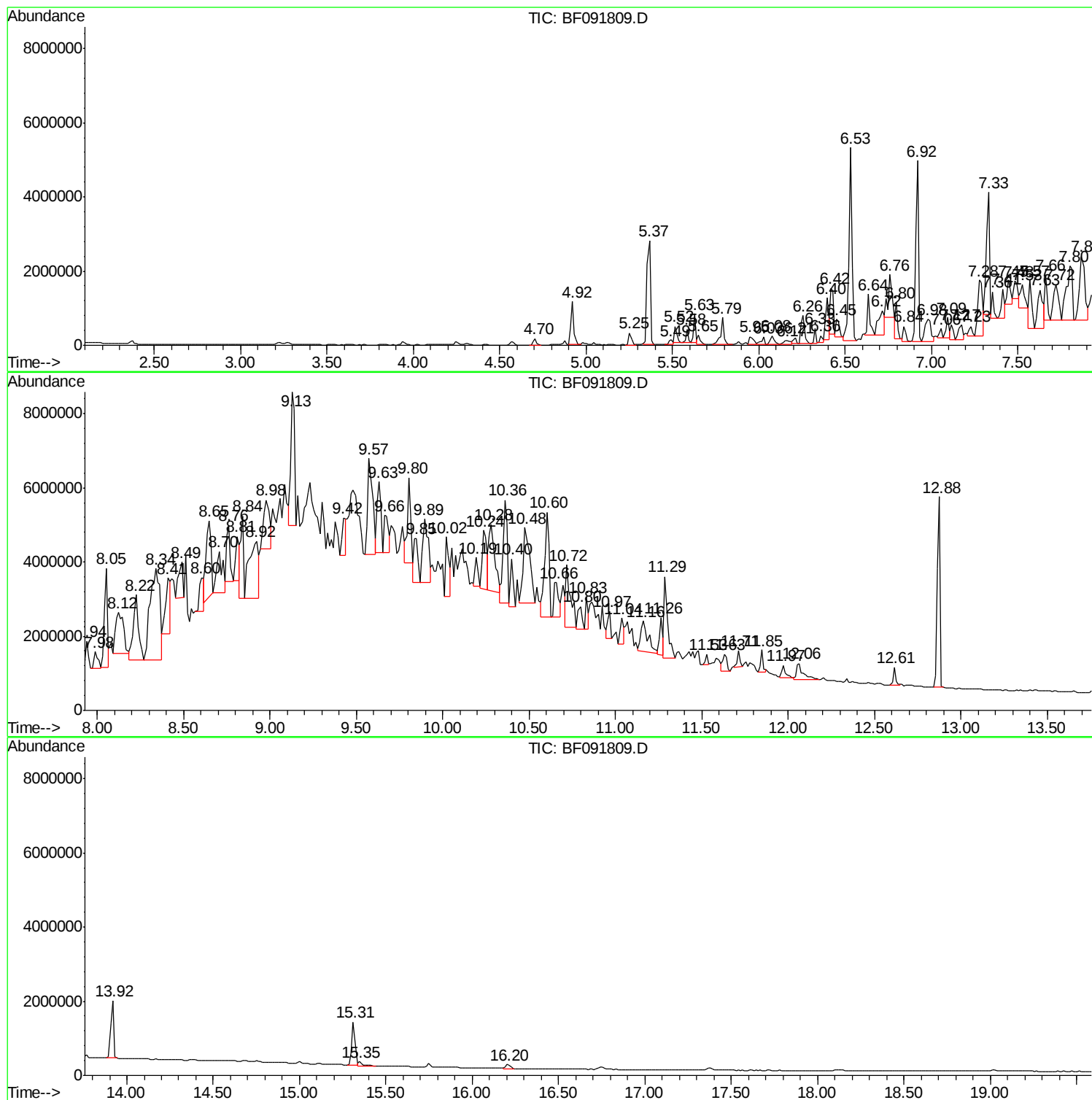
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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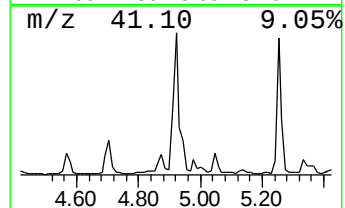
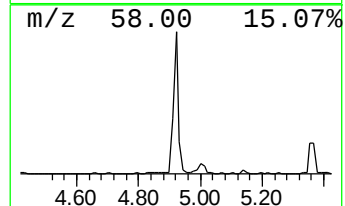
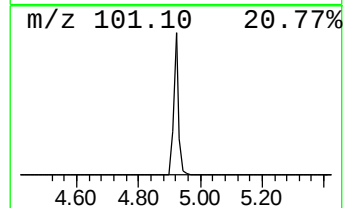
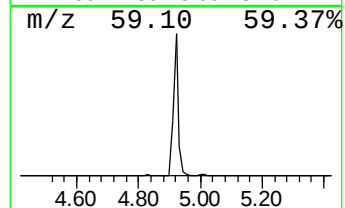
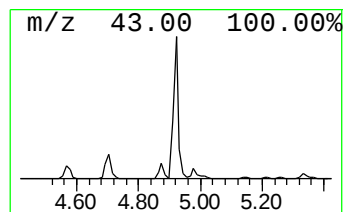
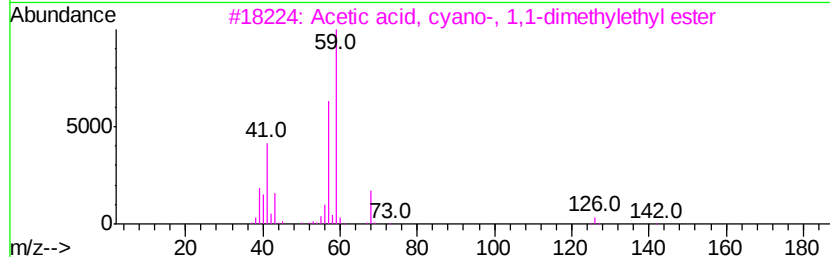
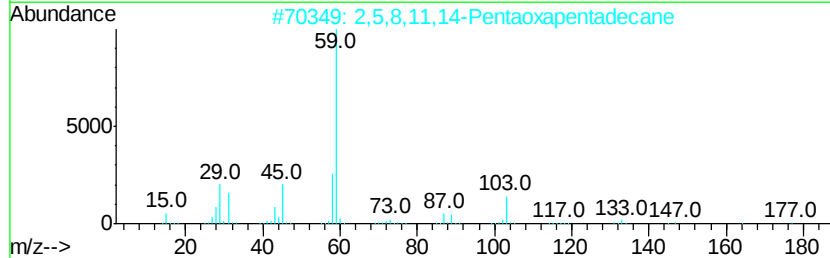
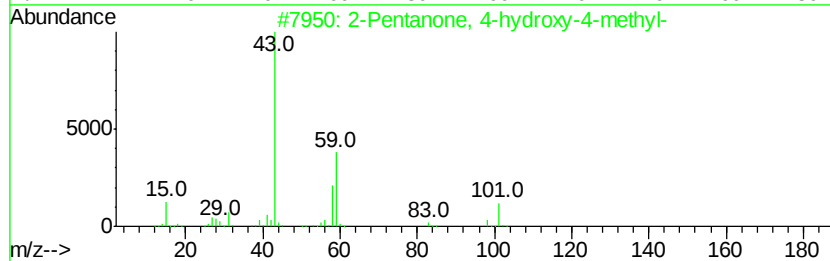
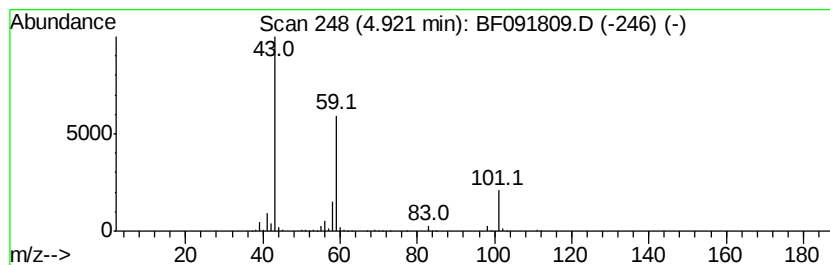
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.92	17.88 ng	1416630	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	23
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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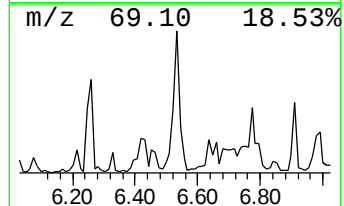
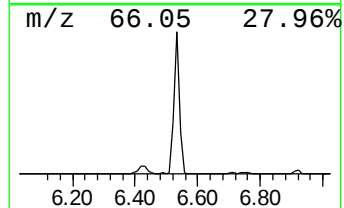
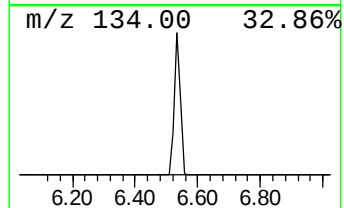
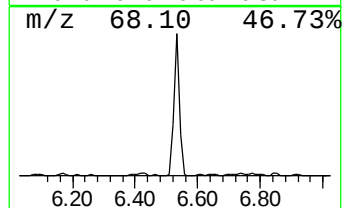
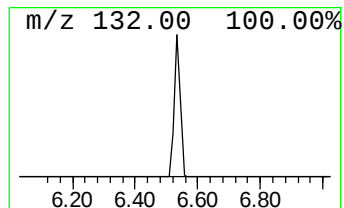
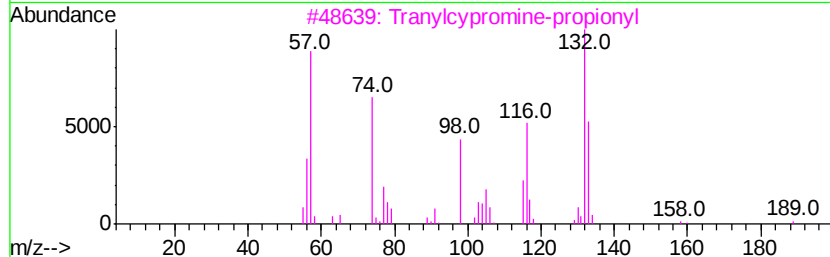
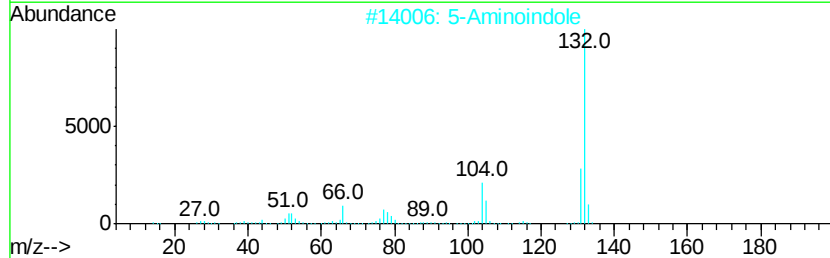
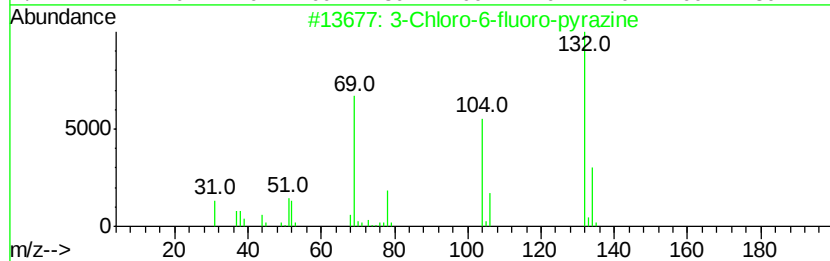
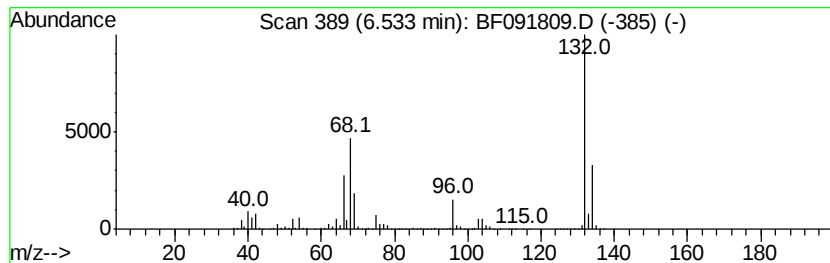
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	85.42 ng	6768420	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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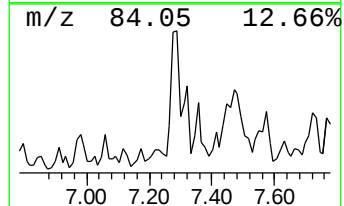
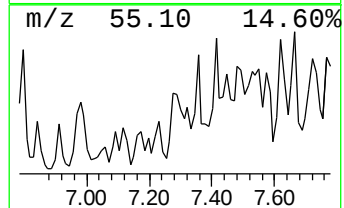
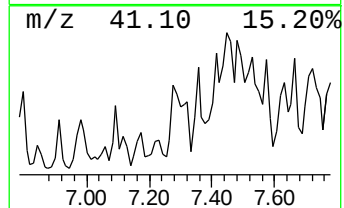
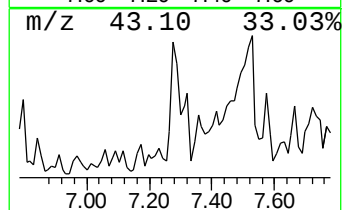
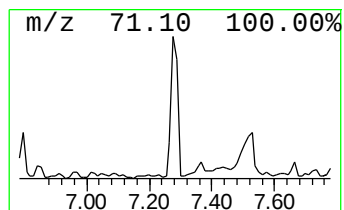
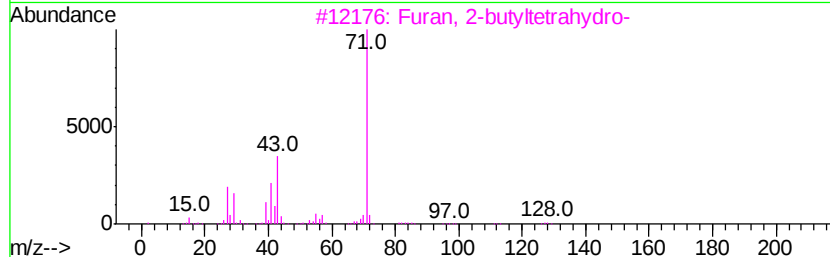
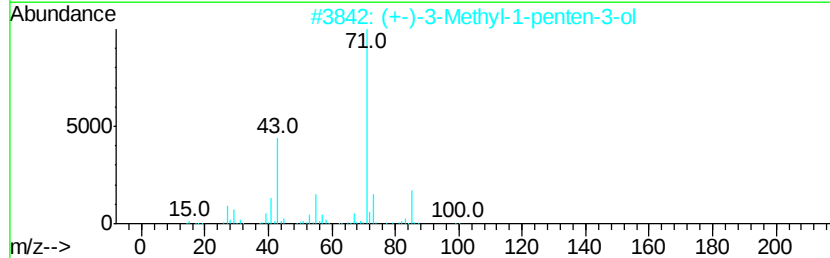
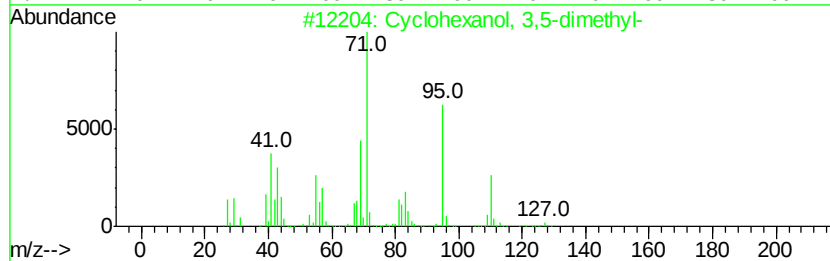
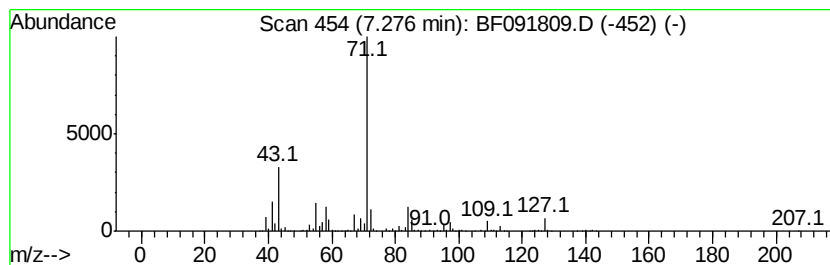
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclohexanol, 3,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	34.31 ng	2718570	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 3,5-dimethyl-	128	C8H16O	005441-52-1	59
2		(+)-3-Methyl-1-penten-3-ol	100	C6H12O	086361-10-6	53
3		Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	47
4		Octanoic acid, 2-tetrahydrofuryl...	228	C13H24O3	033601-75-1	45
5		1-Methylcyclohexanol	114	C7H14O	000590-67-0	45



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Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

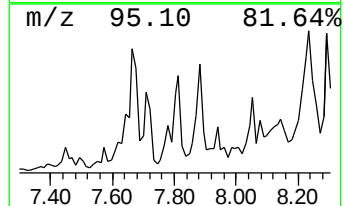
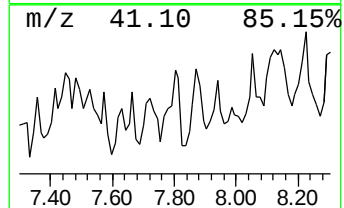
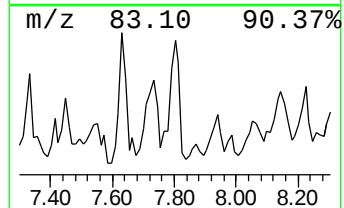
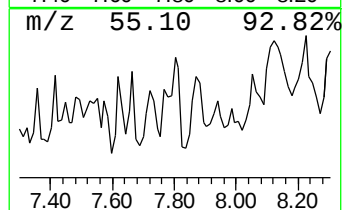
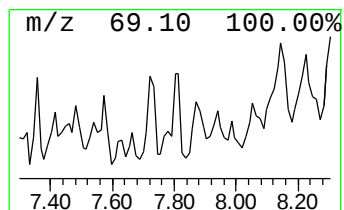
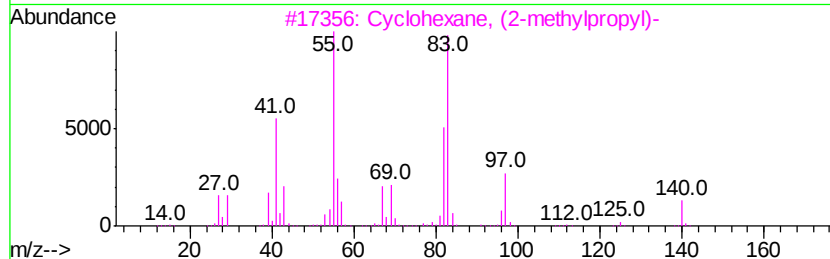
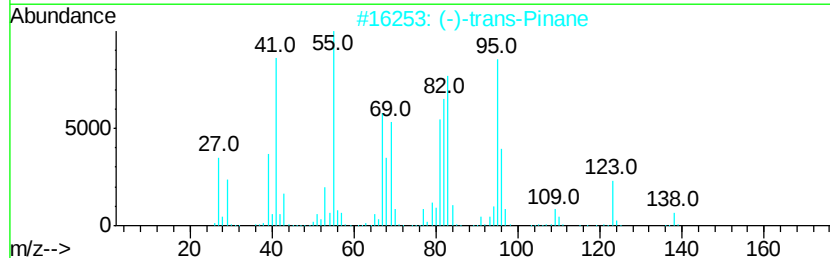
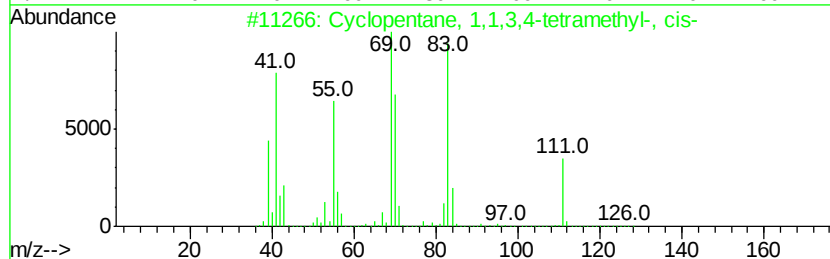
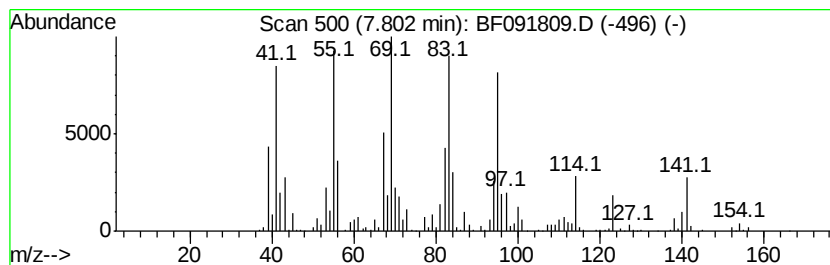
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	20.26 ng	3538750	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	35
2		(-)-trans-Pinane	138	C10H18	033626-25-4	27
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	25
4		1-Pentene, 3-methyl-	84	C6H12	000760-20-3	25
5		1,6-Octadiene, 5,7-dimethyl-, (R)-	138	C10H18	085006-04-8	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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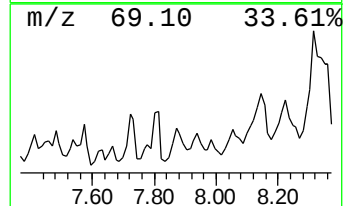
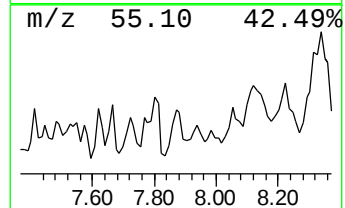
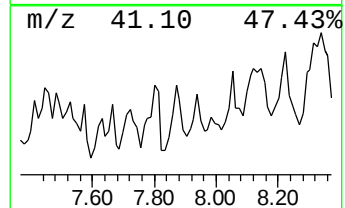
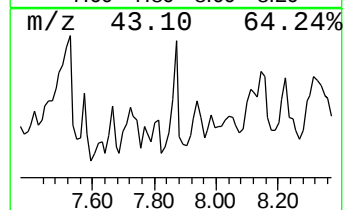
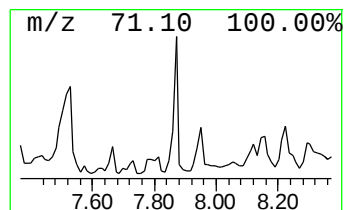
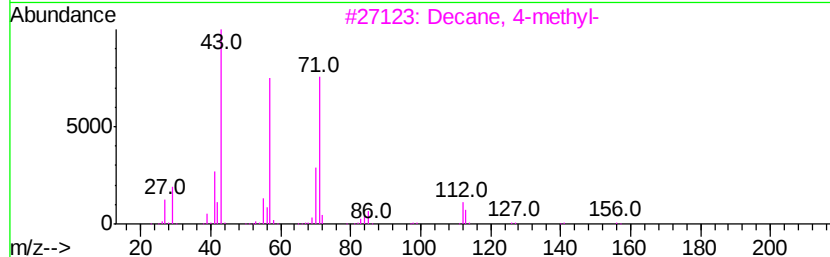
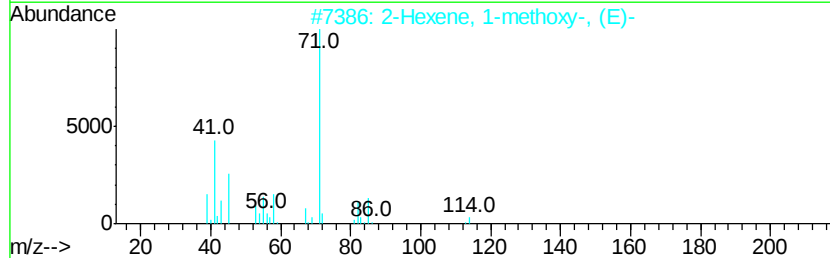
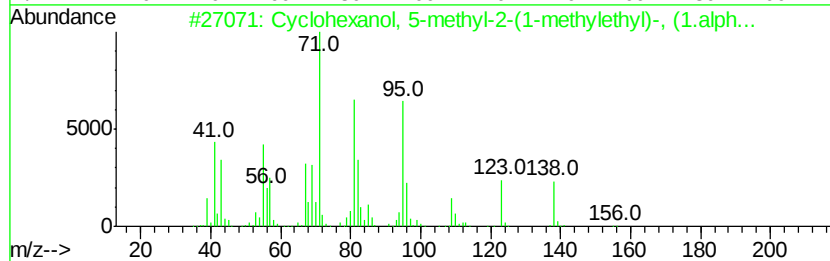
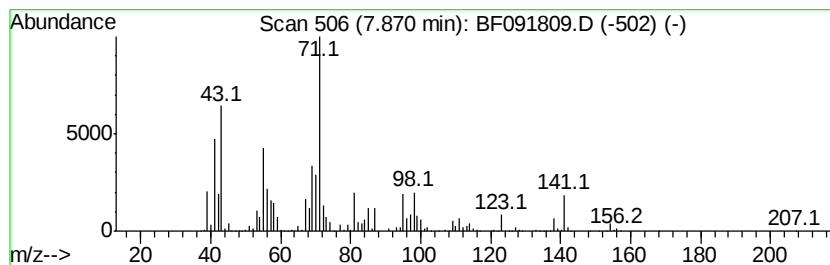
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	20.29 ng	3542940	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	000491-02-1	47
2		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	43
3		Decane, 4-methyl-	156	C11H24	002847-72-5	43
4		1,1-Di(isobutyl)acetone	170	C11H22O	040264-43-5	43
5		Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	003901-95-9	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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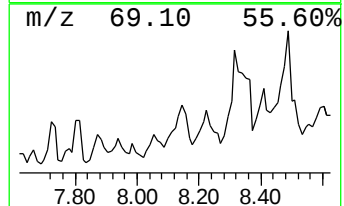
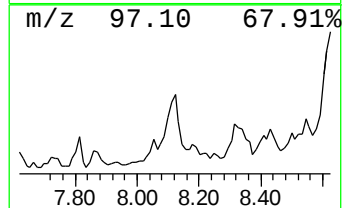
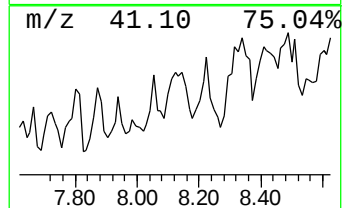
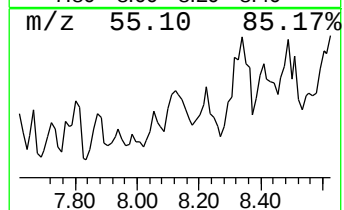
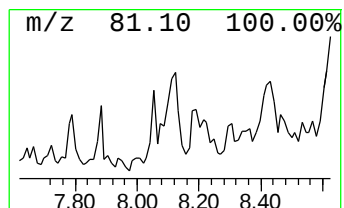
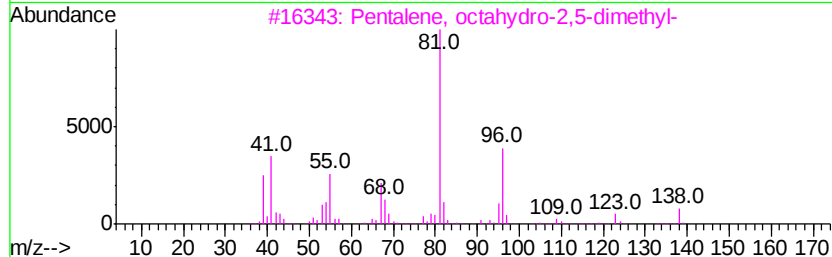
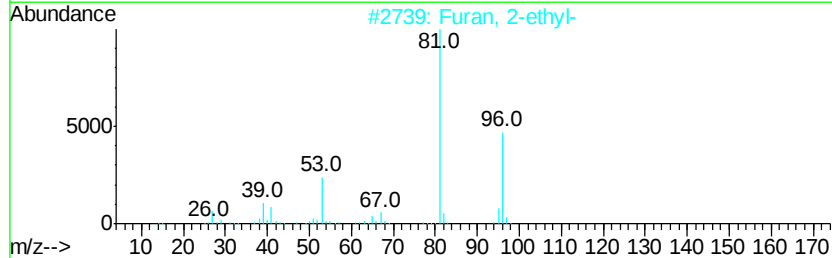
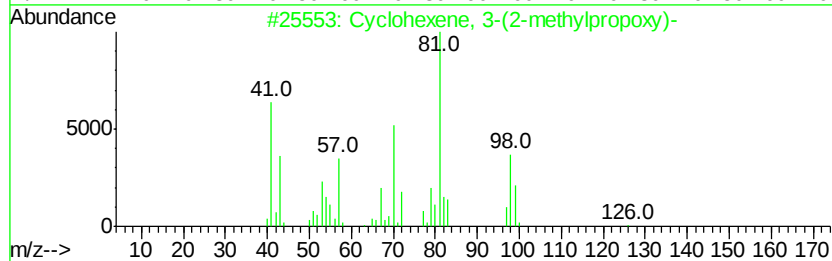
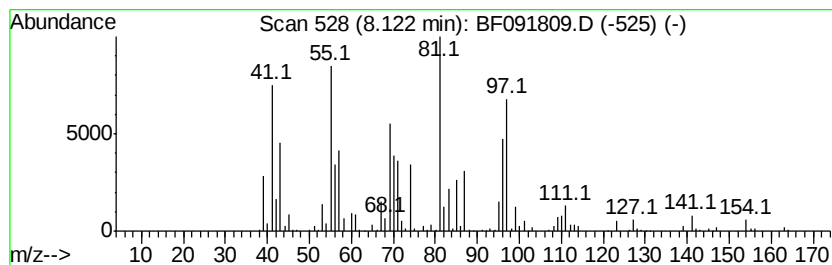
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown8.12 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	20.80 ng	3632440	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 3-(2-methylpropoxy)-	154	C10H18O	032730-40-8	38
2		Furan, 2-ethyl-	96	C6H8O	003208-16-0	38
3		Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	35
4		2-Oxabicyclo[2.2.1]heptane, 1,3,...	154	C10H18O	015404-56-5	35
5		Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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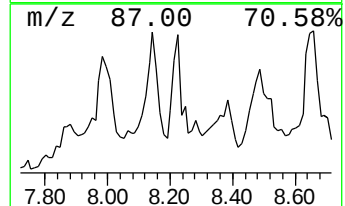
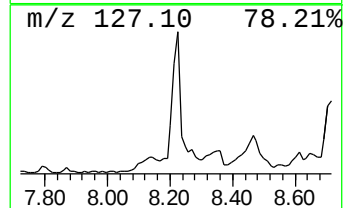
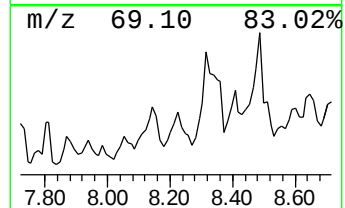
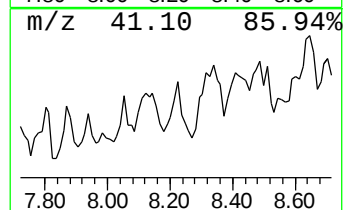
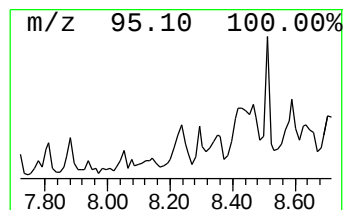
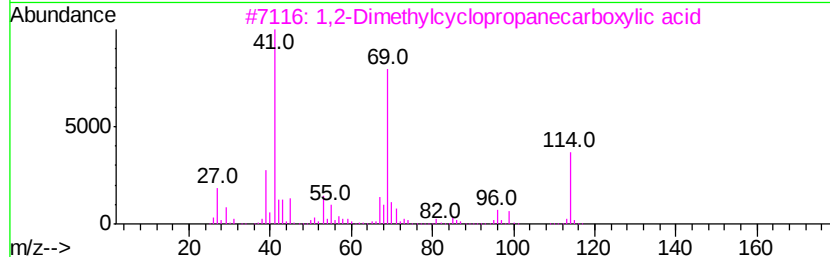
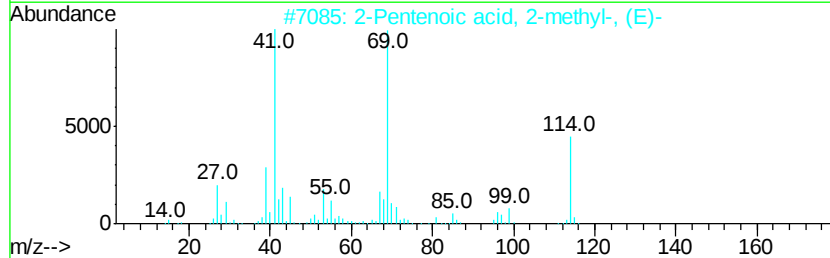
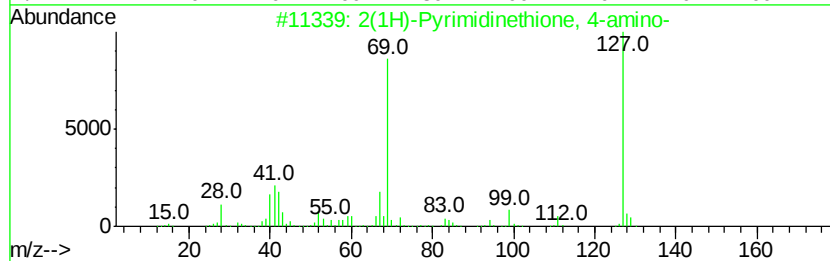
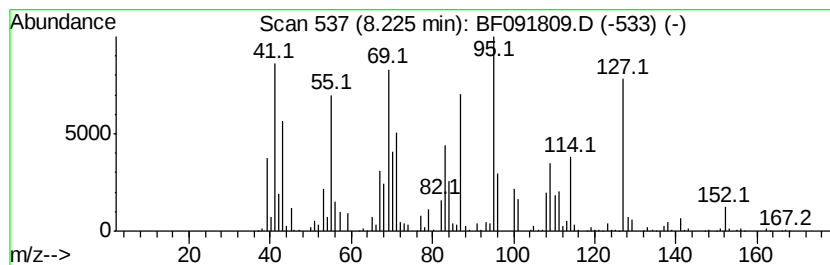
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.22 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	22.34 ng	3901150	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2(1H)-Pyrimidinethione, 4-amino-	127	C4H5N3S	000333-49-3	27
2		2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	18
3		1,2-Dimethylcyclopropanecarboxyl...	114	C6H10O2	1000191-14-6	18
4		Cyclopropanecarboxylic acid, dode...	254	C16H30O2	054460-43-4	14
5		2-Pentenoic acid, 2-methyl-	114	C6H10O2	003142-72-1	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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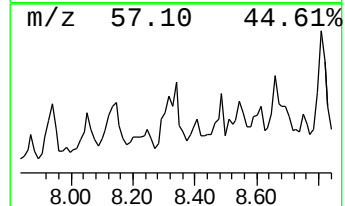
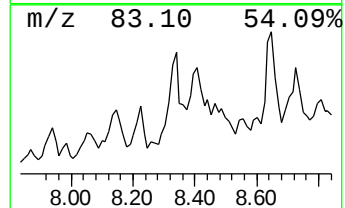
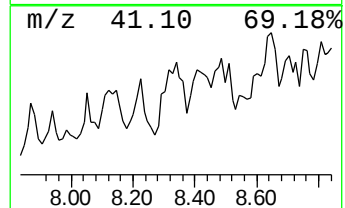
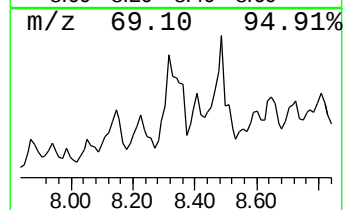
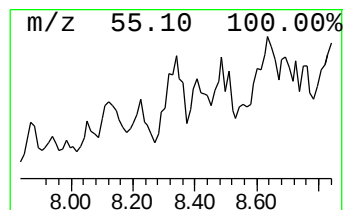
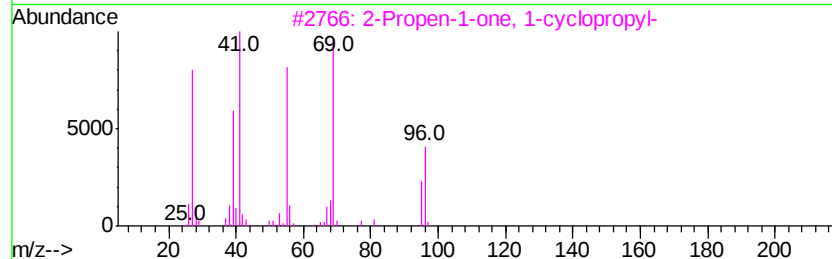
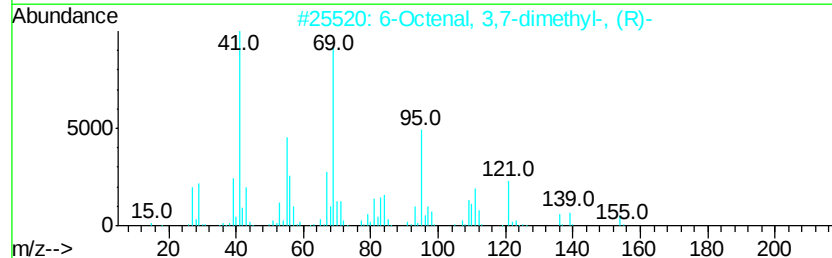
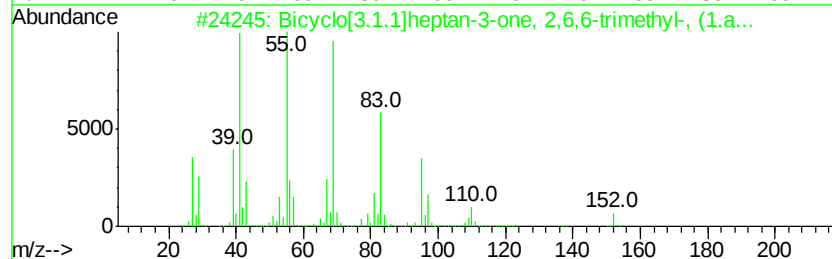
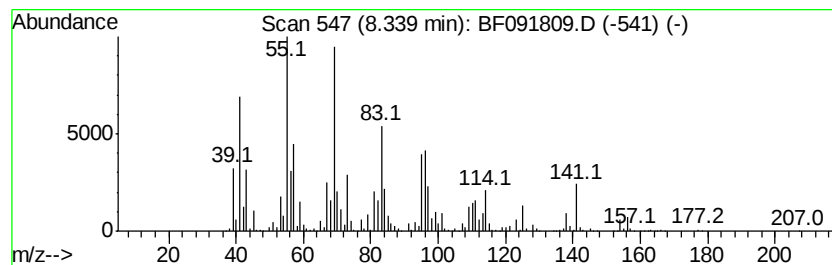
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.34 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	57.55 ng	10049900	Naphthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	47
2		6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	41
3		2-Propen-1-one, 1-cyclopropyl-	96	C6H8O	059819-62-4	35
4		2-Pentenoic acid, 2-methyl-, (E)-	114	C6H10O2	016957-70-3	25
5		(S)-3-Ethyl-4-methylpentanol	130	C8H18O	1000144-07-1	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Instrument :
BNA_F
ClientSampleId :
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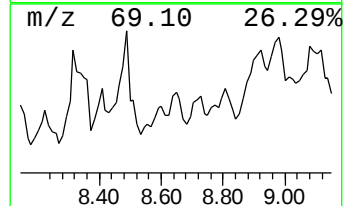
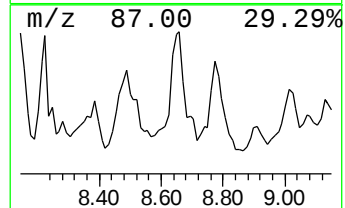
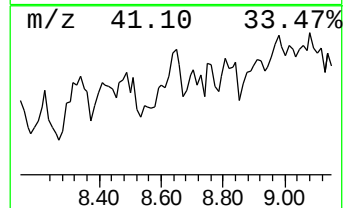
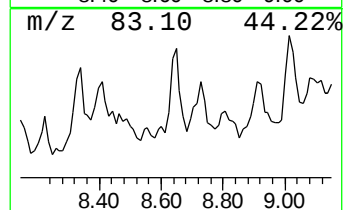
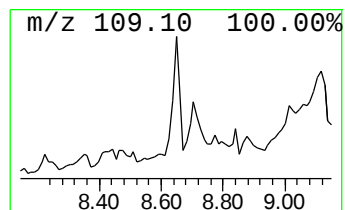
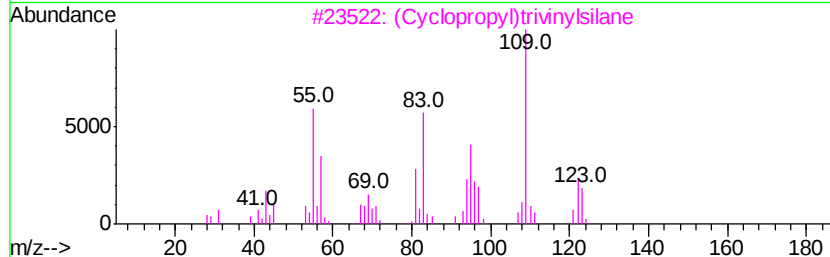
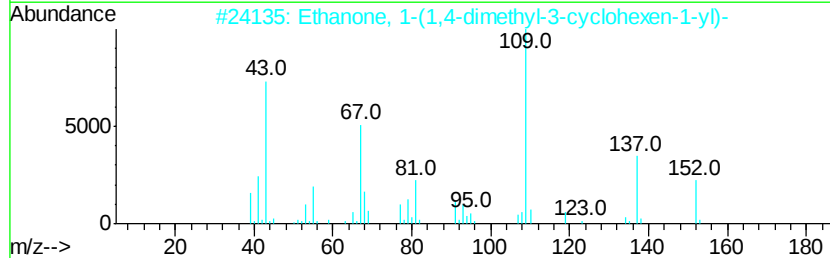
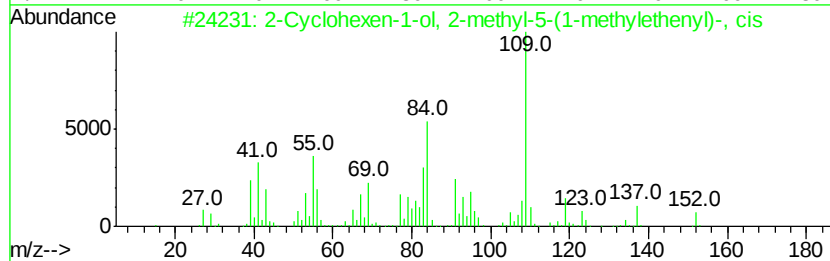
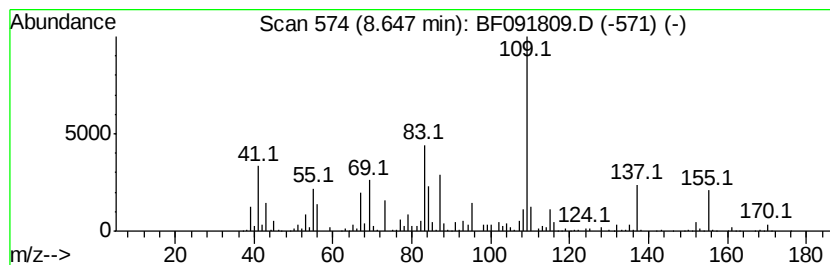
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.65 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	24.85 ng	4339160	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-ol, 2-methyl-5-(1...	152	C10H16O	001197-06-4	47
2		Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	43
3		(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	38
4		Cyclohexanol, 3,3,5-trimethyl-	142	C9H18O	000116-02-9	38
5		1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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ClientSampleId :
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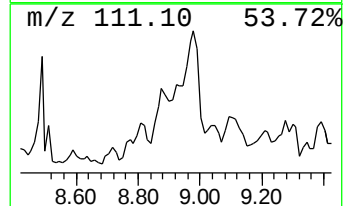
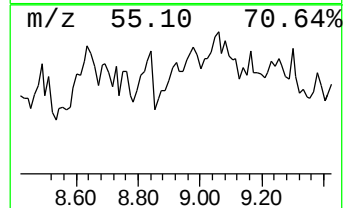
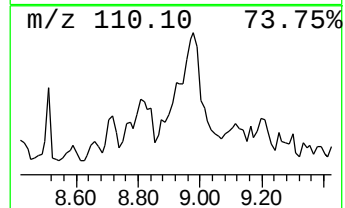
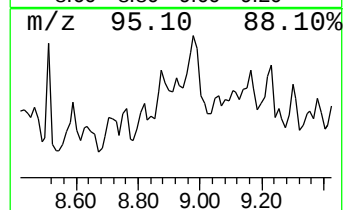
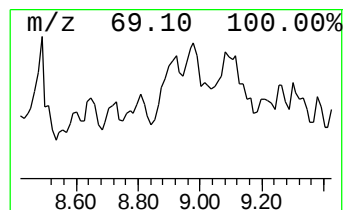
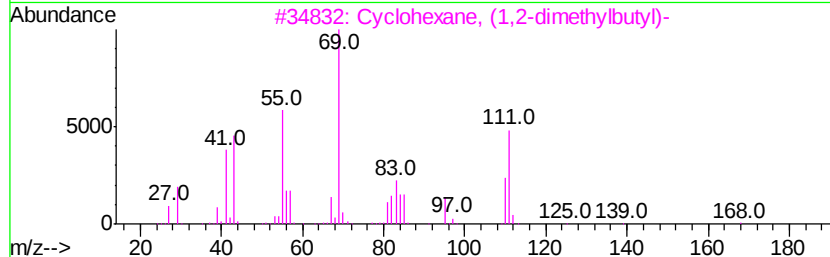
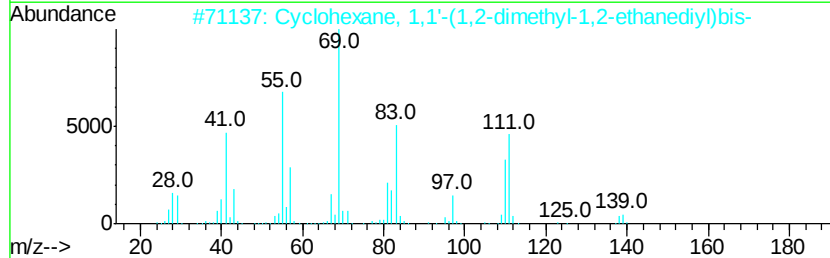
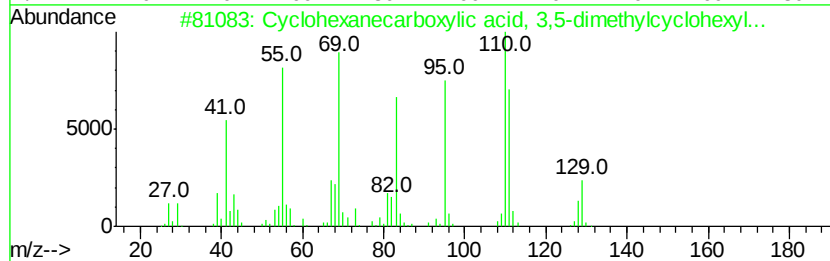
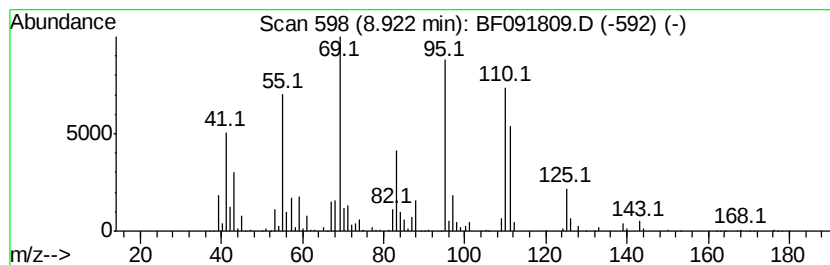
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.92	33.36 ng	5826500	Napthalene-d8	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	43
2		Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	074663-71-1	38
3		Cyclohexane, (1,2-dimethylbutyl)-	168	C12H24	061142-37-8	35
4		Cyclohexanol, 2,3-dimethyl-	128	C8H16O	001502-24-5	35
5		2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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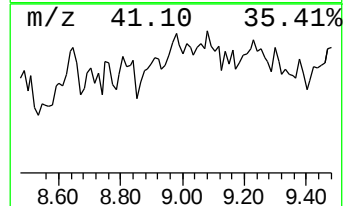
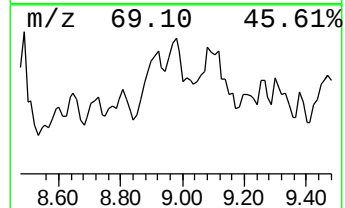
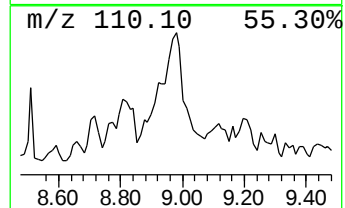
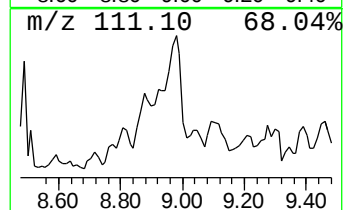
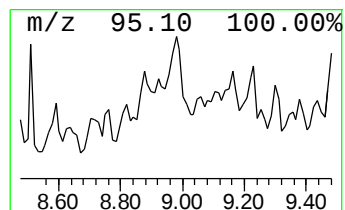
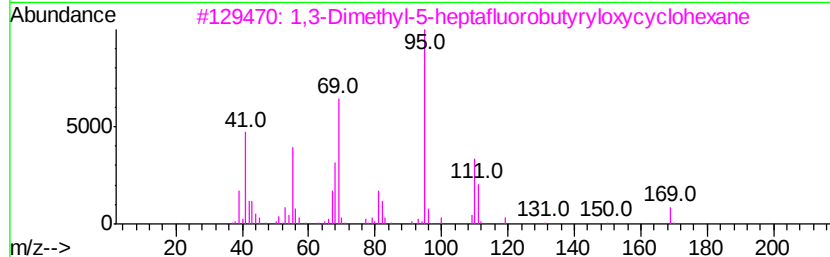
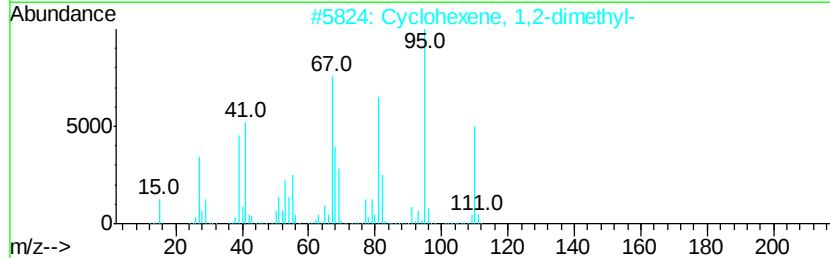
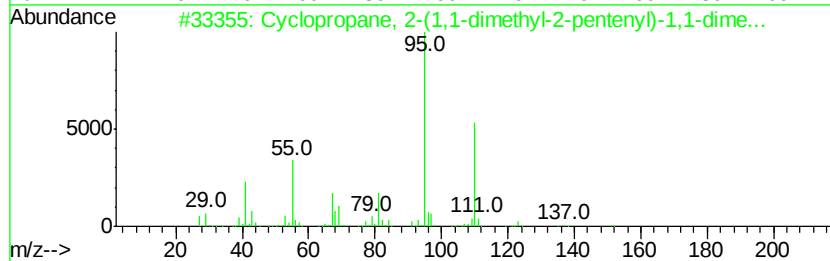
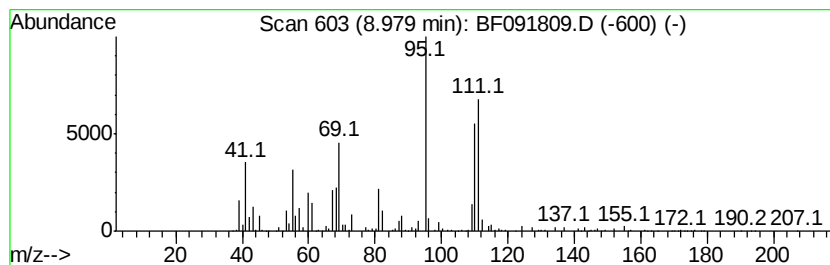
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown8.98 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	20.73 ng	3031560	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	47
2		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	40
3		1,3-Dimethyl-5-heptafluorobutyl...	324	C12H15F7O2	1000216-63-8	38
4		Cyclohexanecarboxylic acid, 3,5-...	238	C15H26O2	1000279-52-3	38
5		5,7-Octadien-3-ol, 2,4,4,7-tetra...	182	C12H22O	077142-78-0	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
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Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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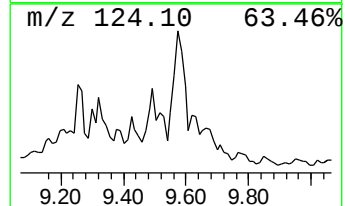
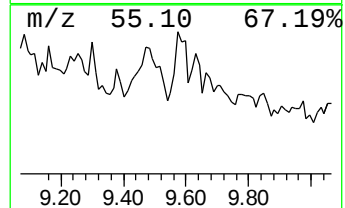
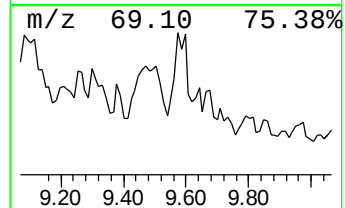
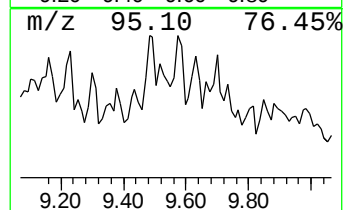
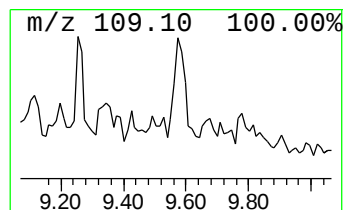
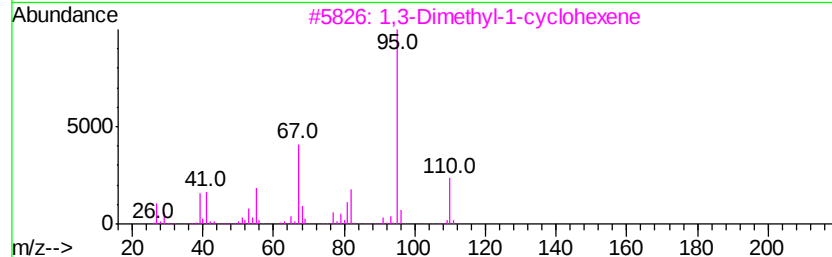
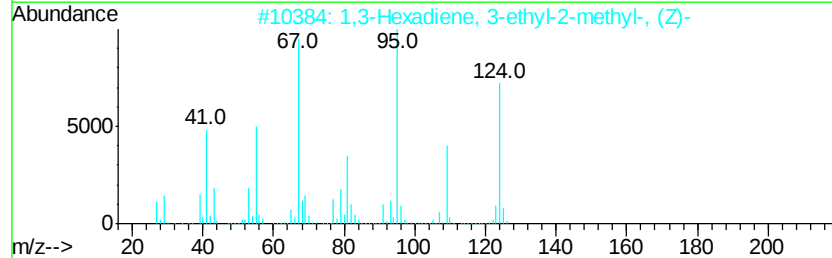
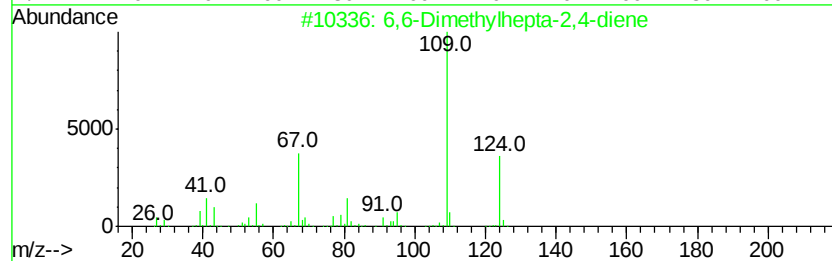
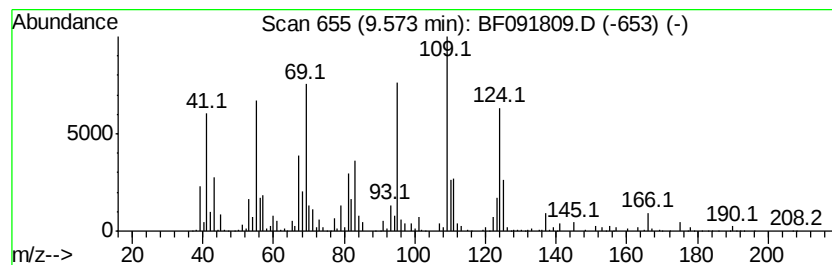
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.57 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	34.26 ng	5010640	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6,6-Dimethylhepta-2,4-diene	124	C9H16	1000195-03-3	35
2		1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	27
3		1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	25
4		Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	25
5		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
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Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

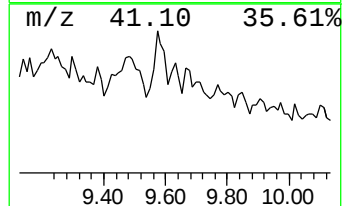
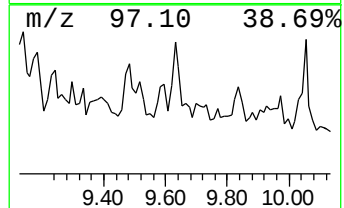
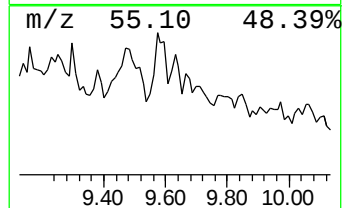
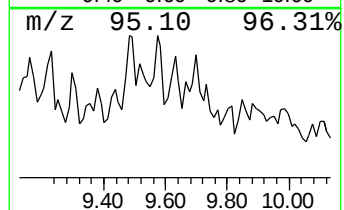
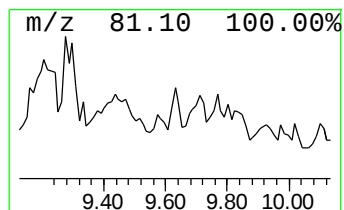
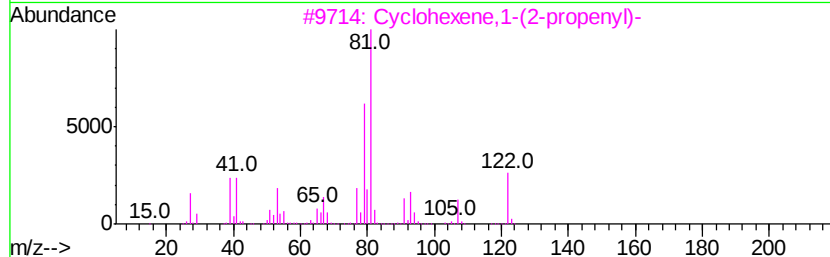
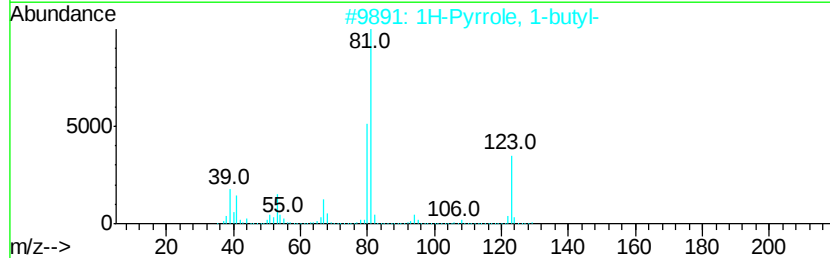
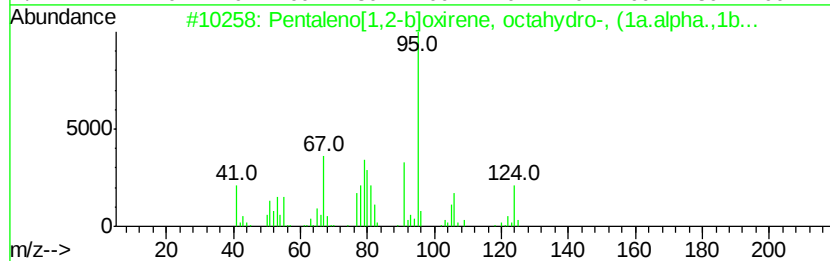
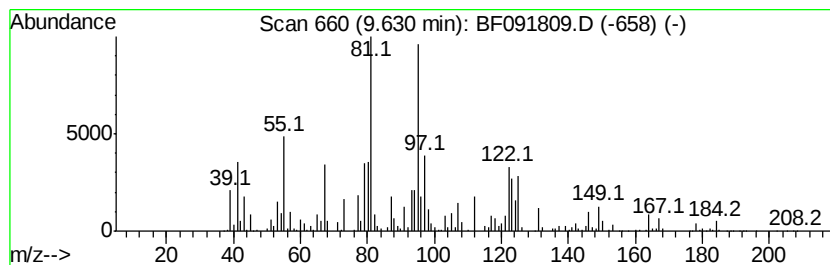
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.63 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	21.27 ng	3111330	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentaleno[1,2-b]oxirene, octahyd...	124	C8H12O	055449-71-3	38
2		1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	30
3		Cyclohexene, 1-(2-propenyl)-	122	C9H14	013511-13-2	25
4		Methyl santoninate	182	C11H18O2	053163-37-4	20
5		Cyclohexane, 1,4-dichloro-, cis-	152	C6H10Cl2	016749-11-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

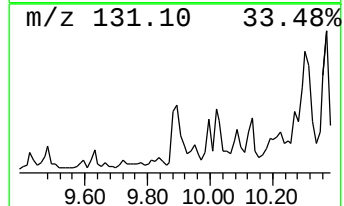
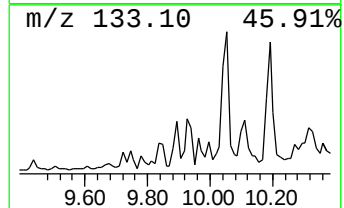
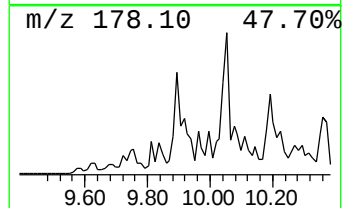
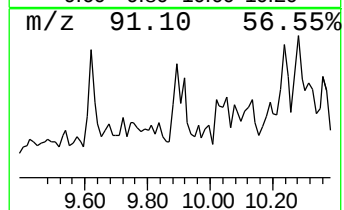
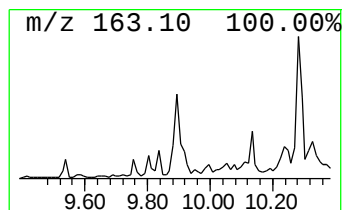
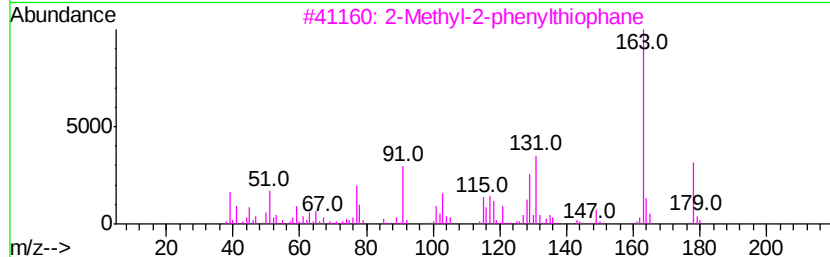
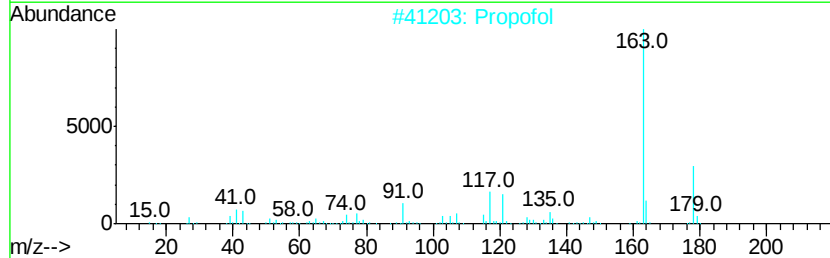
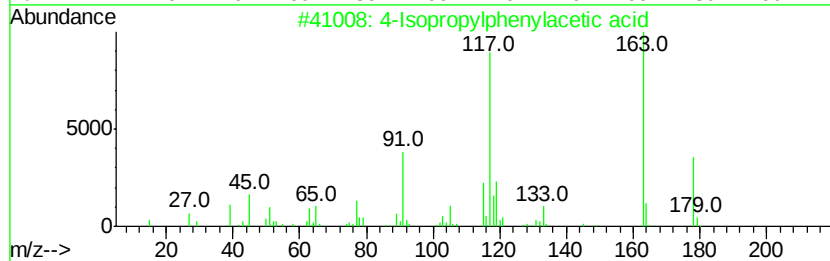
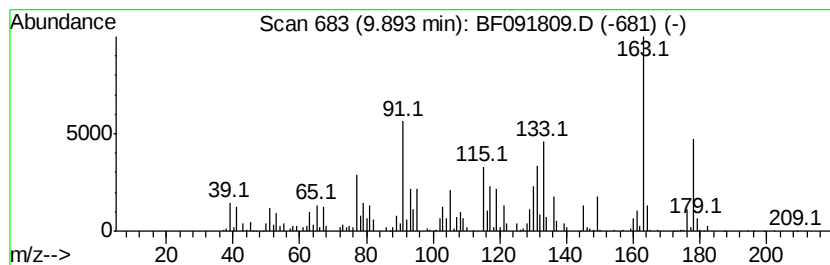
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.89 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	25.18 ng	3682440	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Isopropylphenylacetic acid	178	C11H14O2	004476-28-2	49
2		Propofol	178	C12H18O	002078-54-8	43
3		2-Methyl-2-phenylthiophane	178	C11H14S	014856-67-8	43
4		Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	43
5		5-Formyl-2,2-dimethyl-1,3-benzod...	178	C10H10O3	063124-55-0	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

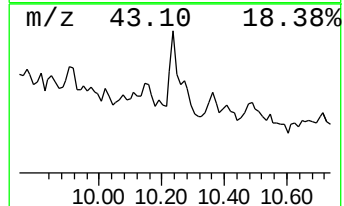
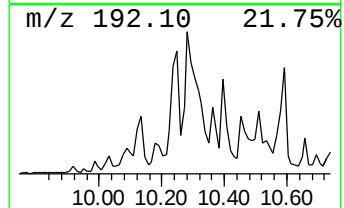
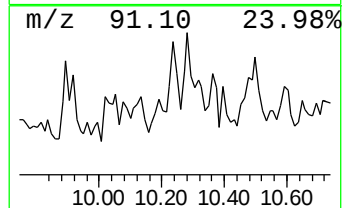
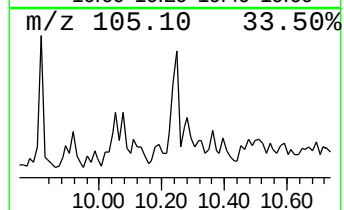
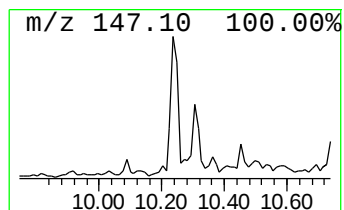
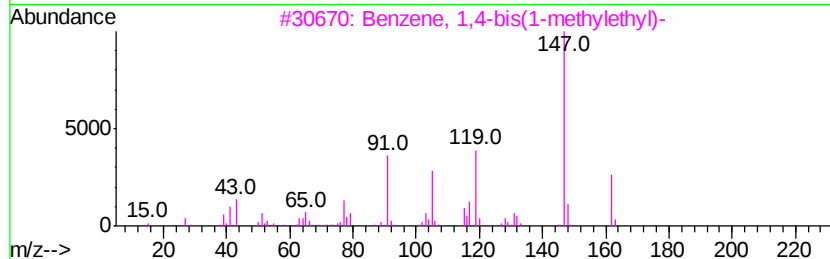
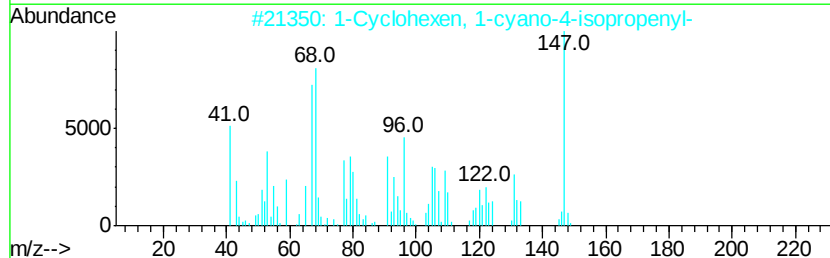
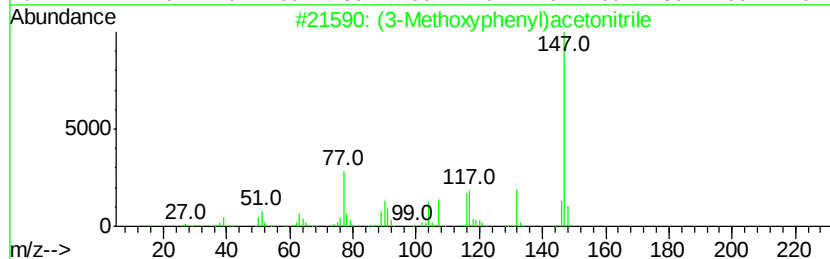
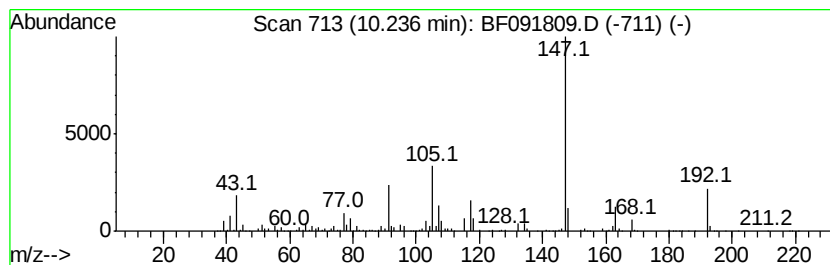
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown10.24 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	21.31 ng	3116930	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(3-Methoxyphenyl)acetonitrile	147 C9H9NO	019924-43-7 47
2		1-Cyclohexen, 1-cyano-4-isopropenyl-	147 C10H13N	1000126-45-8 47
3		Benzene, 1,4-bis(1-methylethyl)-	162 C12H18	000100-18-5 42
4		Benzoic acid, 4-propyl-, 4-cyano-	265 C17H15NO2	056131-49-8 38
5		o-Diacetylbenzene	162 C10H10O2	000704-00-7 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
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Acq On : 20 Dec 2016 10:14
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Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-28

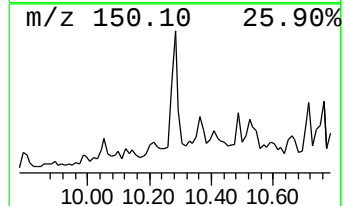
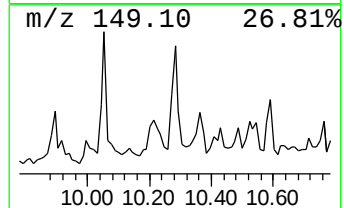
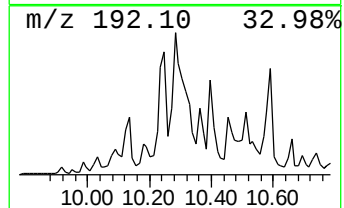
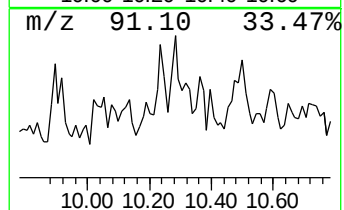
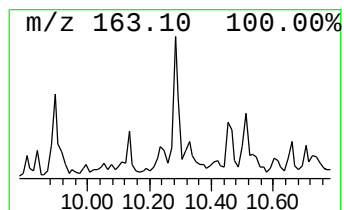
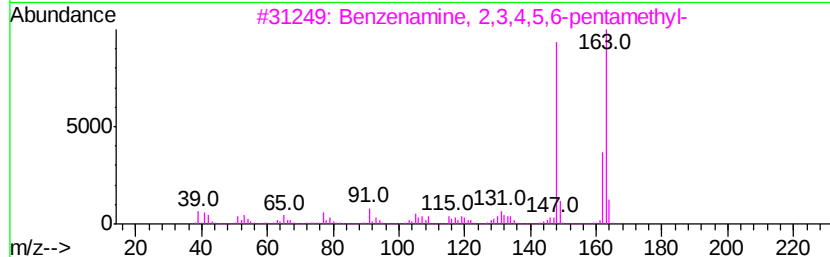
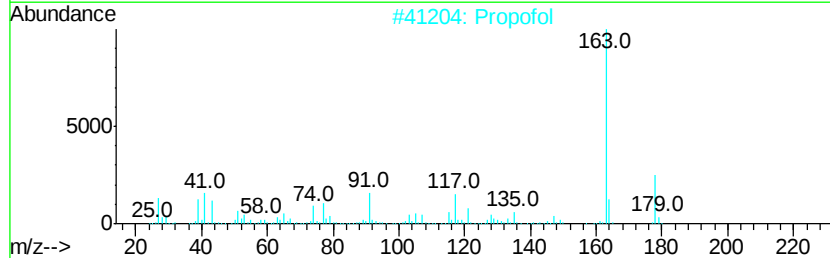
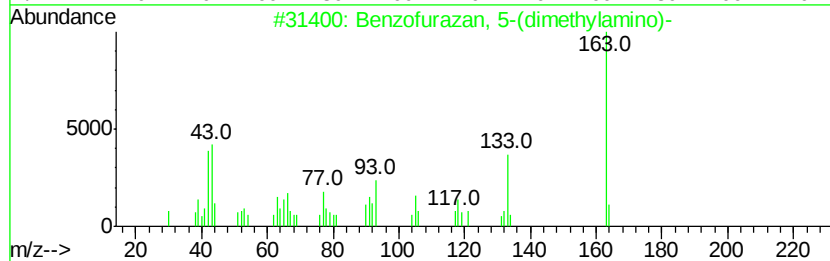
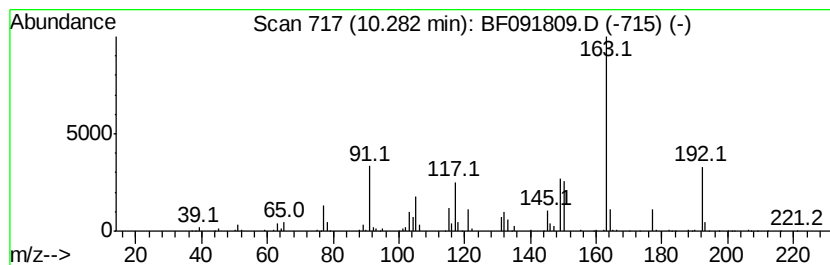
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown10.28 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	26.82 ng	3923160	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofurazan, 5-(dimethylamino)-	163	C8H9N3O	006124-22-7	43
2		Propofol	178	C12H18O	002078-54-8	43
3		Benzenamine, 2,3,4,5,6-pentamethyl-	163	C11H17N	002243-30-3	38
4		Propanediamide, 2-ethyl-2-phenyl-	206	C11H14N2O2	007206-76-0	38
5		Ethanone, 1-[4-(1-hydroxy-1-meth...	178	C11H14O2	054549-72-3	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

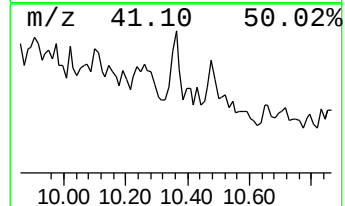
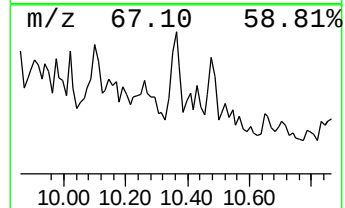
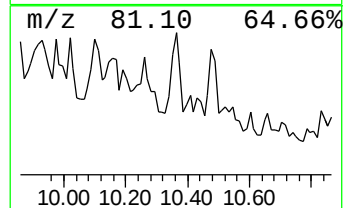
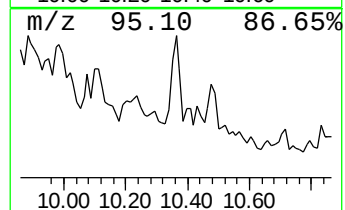
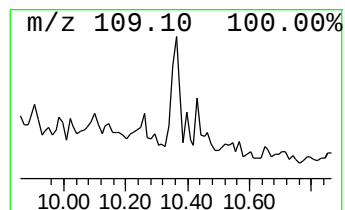
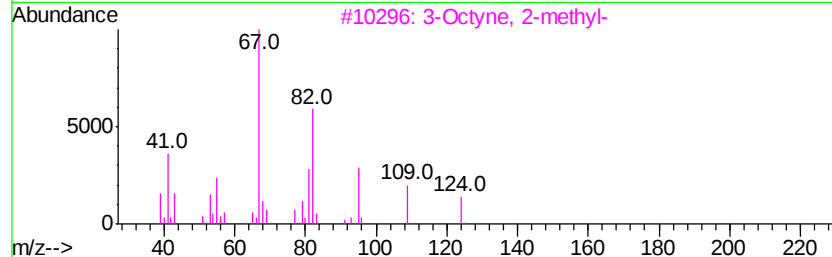
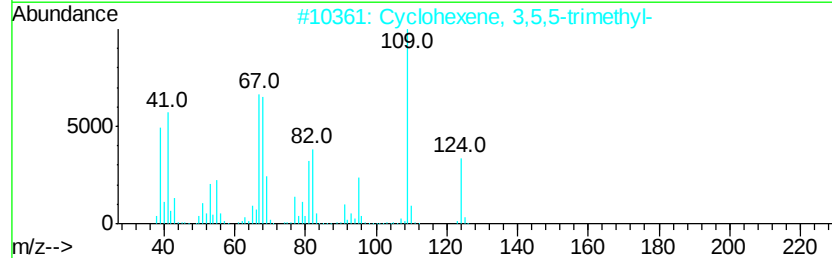
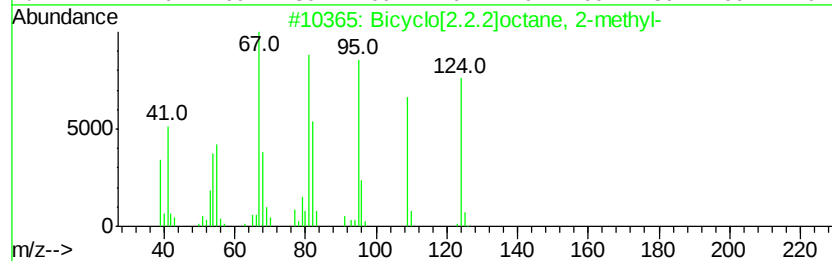
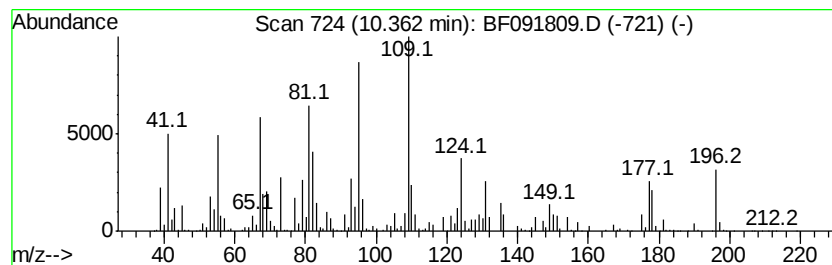
Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown10.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.36	33.27 ng	4865500	Acenaphthene-d10	9.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicvclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	46
2	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	38
3	3-Octvne, 2-methyl-	124	C9H16	055402-15-8	30
4	4,6-Heptadienoic acid, 3,3,6-tri...	196	C12H20O2	1000197-55-2	25
5	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

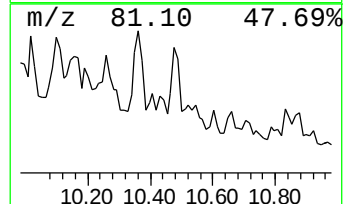
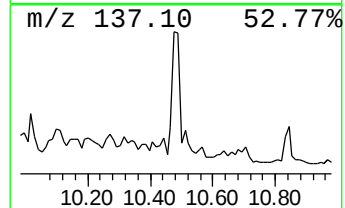
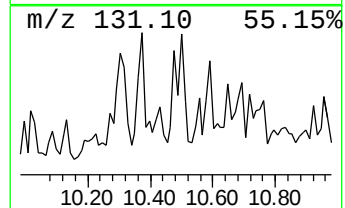
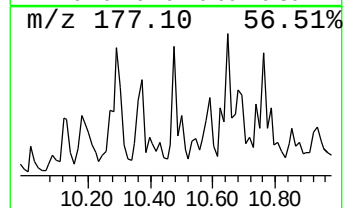
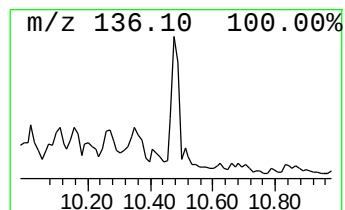
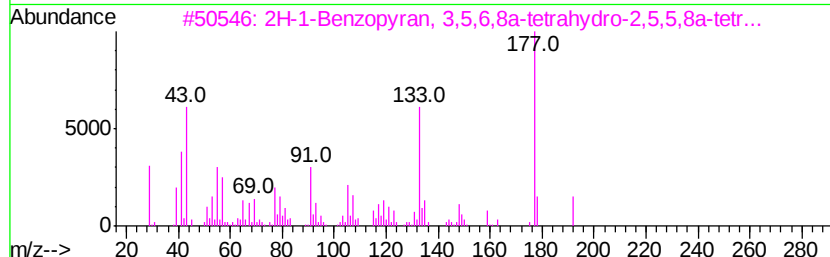
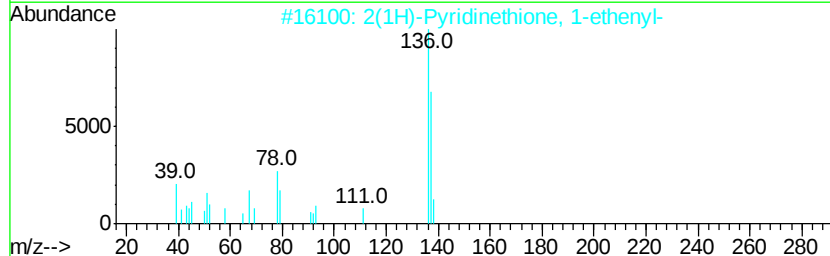
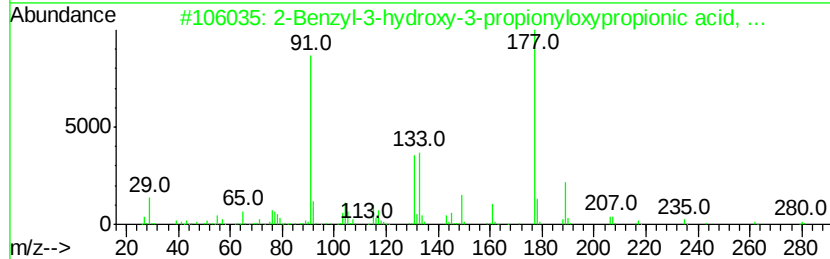
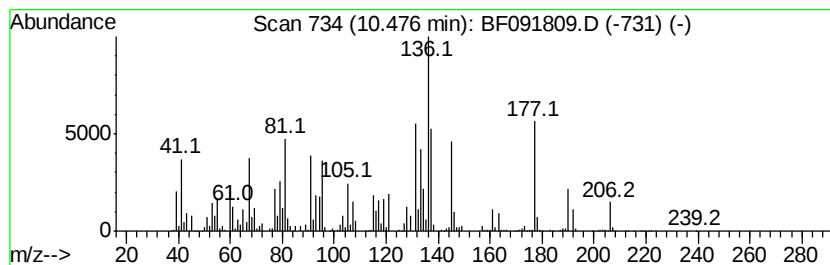
Instrument :
BNA_F
ClientSampleId :
MW-28

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown10.48 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	35.04 ng	5124670	Acenaphthene-d10	9.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Benzyl-3-hydroxy-3-propionylox...	280 C15H20O5	1000190-18-9	22
2	2(1H)-Pyridinethione, 1-ethenyl-	137 C7H7NS	019006-83-8	22
3	2H-1-Benzopyran, 3,5,6,8a-tetra...	192 C13H20O	041678-30-2	14
4	Pyrrolidine, 1-(1-cyclopenten-1-...	137 C9H15N	007148-07-4	12
5	Benzeneacetic acid, 4-(1,1-dimet...	192 C12H16O2	032857-63-9	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091809.D
Acq On : 20 Dec 2016 10:14
Operator : UM/SJ
Sample : H6147-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-28

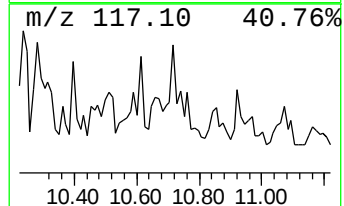
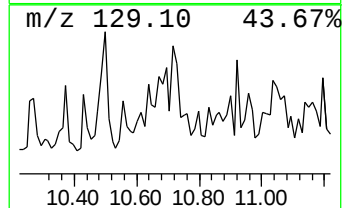
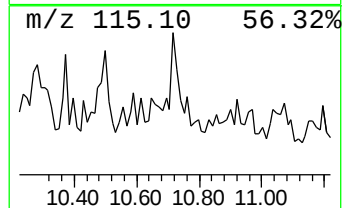
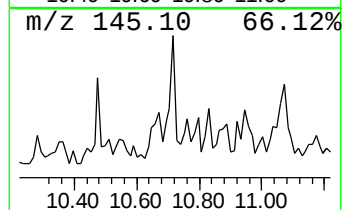
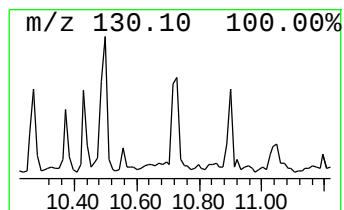
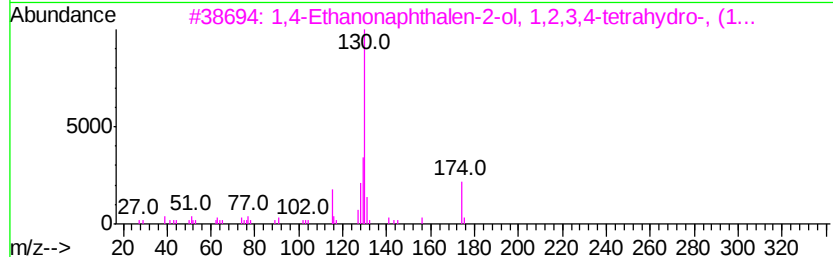
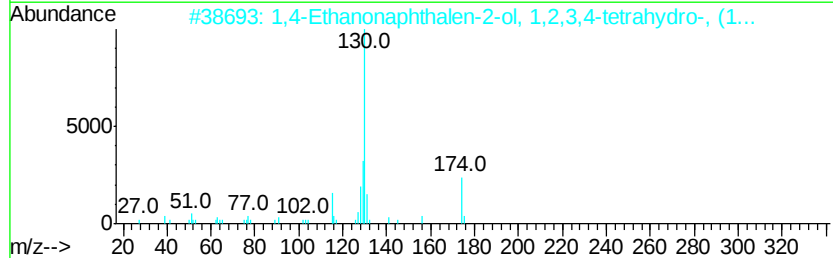
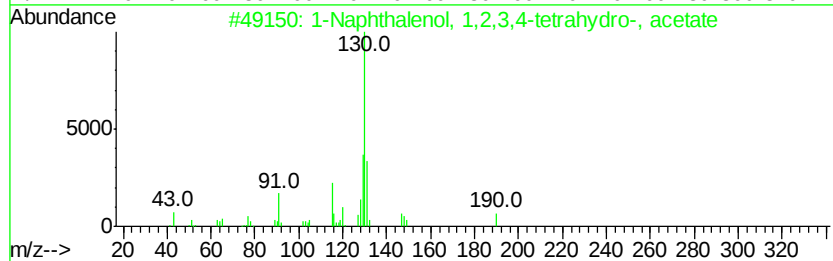
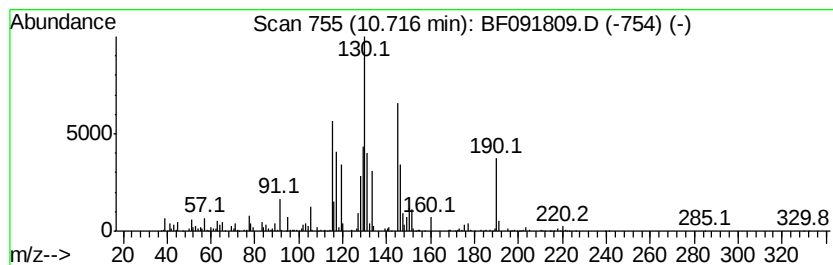
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown10.72 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	22.99 ng	3245960	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Naphthalenol, 1,2,3,4-tetrahyd...	190	C12H14O2	021503-12-8	49
2		1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-78-1	38
3		1,4-Ethanonaphthalen-2-ol, 1,2,3...	174	C12H14O	013153-77-0	35
4		9-Methylbenzonorbornen-2-one	172	C12H12O	1000110-51-6	27
5		Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091809.D
 Acq On : 20 Dec 2016 10:14
 Operator : UM/SJ
 Sample : H6147-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.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...	4.92	17.9	ng	1416630	1	6.76	1584700	20.0
unknown6.53	6.53	85.4	ng	6768420	1	6.76	1584700	20.0
Cyclohexanol, 3,5...	7.28	34.3	ng	2718570	1	6.76	1584700	20.0
unknown7.80	7.80	20.3	ng	3538750	2	8.05	3492640	20.0
unknown7.87	7.87	20.3	ng	3542940	2	8.05	3492640	20.0
unknown8.12	8.12	20.8	ng	3632440	2	8.05	3492640	20.0
unknown8.22	8.22	22.3	ng	3901150	2	8.05	3492640	20.0
unknown8.34	8.34	57.5	ng	10049900	2	8.05	3492640	20.0
unknown8.65	8.65	24.9	ng	4339160	2	8.05	3492640	20.0
unknown8.92	8.92	33.4	ng	5826500	2	8.05	3492640	20.0
unknown8.98	8.98	20.7	ng	3031560	3	9.80	2925040	20.0
unknown9.57	9.57	34.3	ng	5010640	3	9.80	2925040	20.0
unknown9.63	9.63	21.3	ng	3111330	3	9.80	2925040	20.0
unknown9.89	9.89	25.2	ng	3682440	3	9.80	2925040	20.0
unknown10.24	10.24	21.3	ng	3116930	3	9.80	2925040	20.0
unknown10.28	10.28	26.8	ng	3923160	3	9.80	2925040	20.0
unknown10.36	10.36	33.3	ng	4865500	3	9.80	2925040	20.0
unknown10.48	10.48	35.0	ng	5124670	3	9.80	2925040	20.0
unknown10.72	10.72	23.0	ng	3245960	4	11.29	2823650	20.0