

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096747.D
 Acq On : 14 Jul 2017 00:26
 Operator : SJ/JU
 Sample : I4150-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3591

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-BF071317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.581	97	101	107	rVB	34781	52716	1.71%	0.122%
2	4.799	474	478	485	rVB	134089	159632	5.17%	0.370%
3	5.146	532	537	544	rBV	156371	177708	5.76%	0.411%
4	5.234	548	552	562	rVB	1130749	1147892	37.20%	2.658%
5	5.593	603	613	616	rBV	1815081	2288276	74.16%	5.298%
6	5.651	618	623	628	rVB4	27027	47607	1.54%	0.110%
7	5.793	642	647	650	rVB4	28339	33452	1.08%	0.077%
8	5.851	652	657	661	rBV5	17949	34446	1.12%	0.080%
9	5.951	670	674	676	rBV	41373	44823	1.45%	0.104%
10	5.987	676	680	686	rVV5	30647	66496	2.15%	0.154%
11	6.081	690	696	699	rBV3	31256	51309	1.66%	0.119%
12	6.169	708	711	720	rBV2	114429	158805	5.15%	0.368%
13	6.275	720	729	733	rBV	896710	827430	26.81%	1.916%
14	6.310	733	735	738	rVB2	76943	73848	2.39%	0.171%
15	6.340	738	740	745	rVB2	38701	42801	1.39%	0.099%
16	6.404	745	751	758	rBV	2108627	2085285	67.58%	4.828%
17	6.504	763	768	770	rVV4	89669	106851	3.46%	0.247%
18	6.581	779	781	784	rBV4	38711	51450	1.67%	0.119%
19	6.616	784	787	788	rVV3	72664	66412	2.15%	0.154%
20	6.640	788	791	793	rVV	671415	620902	20.12%	1.438%
21	6.669	793	796	799	rVB	412198	344444	11.16%	0.798%
22	6.710	799	803	805	rBV3	101096	128206	4.15%	0.297%
23	6.745	805	809	811	rBV3	68979	86580	2.81%	0.200%
24	6.793	811	817	822	rVB	1937291	2014646	65.29%	4.665%
25	6.834	822	824	826	rVB	158262	125164	4.06%	0.290%
26	6.863	826	829	830	rBV2	75908	65579	2.13%	0.152%
27	6.887	830	833	835	rBV4	67793	51627	1.67%	0.120%
28	6.916	835	838	844	rVB4	285840	350586	11.36%	0.812%
29	6.963	844	846	848	rBV2	50457	44764	1.45%	0.104%
30	6.998	850	852	854	rBV2	56340	55661	1.80%	0.129%
31	7.040	855	859	861	rBV	286627	285705	9.26%	0.662%
32	7.069	862	864	867	rVB2	134405	119887	3.89%	0.278%
33	7.128	871	874	877	rBV4	90841	114470	3.71%	0.265%
34	7.198	877	886	889	rBV	1820535	3085800	100.00%	7.145%

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Integration Parameters: rteint.p

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35	7.251	889	895	898	rVB2	881420	1878542	60.88%	4.350%
36	7.293	898	902	907	rBV5	378198	637594	20.66%	1.476%
37	7.345	907	911	913	rBV3	245931	298681	9.68%	0.692%
38	7.369	913	915	918	rVB	270853	216265	7.01%	0.501%
39	7.404	918	921	925	rVB4	189736	248007	8.04%	0.574%
40	7.445	925	928	933	rVB2	781964	1150692	37.29%	2.664%
41	7.492	933	936	938	rBV	244086	235208	7.62%	0.545%
42	7.516	938	940	942	rVB2	152394	114286	3.70%	0.265%
43	7.569	942	949	954	rVB5	958257	1409629	45.68%	3.264%
44	7.616	954	957	959	rBV3	346546	406530	13.17%	0.941%
45	7.651	959	963	966	rVB2	145096	169577	5.50%	0.393%
46	7.692	967	970	973	rBV3	210121	281260	9.11%	0.651%
47	7.763	979	982	986	rVB2	387562	399918	12.96%	0.926%
48	7.798	986	988	990	rBV3	196256	223585	7.25%	0.518%
49	7.828	990	993	997	rVV3	376080	643462	20.85%	1.490%
50	7.875	998	1001	1002	rVV2	354399	366529	11.88%	0.849%
51	7.922	1005	1009	1013	rVV	1231936	1700478	55.11%	3.937%
52	7.963	1013	1016	1018	rVV4	339807	491534	15.93%	1.138%
53	8.010	1021	1024	1026	rVV	798653	845828	27.41%	1.958%
54	8.057	1030	1032	1035	rVB2	444566	369352	11.97%	0.855%
55	8.104	1037	1040	1042	rVV2	435586	406385	13.17%	0.941%
56	8.140	1043	1046	1050	rVB2	892626	903343	29.27%	2.092%
57	8.222	1056	1060	1063	rVB5	629569	857155	27.78%	1.985%
58	8.257	1063	1066	1068	rBV3	271111	334072	10.83%	0.774%
59	8.287	1068	1071	1072	rBV3	206756	230119	7.46%	0.533%
60	8.369	1081	1085	1094	rVB2	1292294	1979700	64.16%	4.584%
61	8.434	1094	1096	1099	rVB2	308328	248769	8.06%	0.576%
62	8.475	1100	1103	1110	rBV3	583727	743002	24.08%	1.720%
63	8.675	1134	1137	1139	rBV2	200452	231029	7.49%	0.535%
64	8.810	1158	1160	1163	rBV4	152521	142182	4.61%	0.329%
65	8.845	1163	1166	1169	rVB4	199847	229320	7.43%	0.531%
66	8.916	1175	1178	1181	rBV3	207920	232304	7.53%	0.538%
67	8.963	1183	1186	1188	rVV	961551	813283	26.36%	1.883%
68	8.998	1188	1192	1196	rVB	2270158	2294637	74.36%	5.313%
69	9.092	1205	1208	1212	rBV3	249623	275054	8.91%	0.637%
70	9.204	1225	1227	1231	rVB2	177030	181981	5.90%	0.421%
71	9.386	1256	1258	1260	rBV2	157345	134840	4.37%	0.312%

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72	9.416	1260	1263	1265	rVB	602429	475234	15.40%	1.100%
73	9.586	1290	1292	1296	rVB	168018	171309	5.55%	0.397%
74	9.669	1302	1306	1314	rVB2	883537	969681	31.42%	2.245%
75	9.951	1351	1354	1358	rVB2	245332	339959	11.02%	0.787%
76	10.339	1417	1420	1425	rBV	187467	245892	7.97%	0.569%
77	10.457	1436	1440	1443	rBV	1103959	999468	32.39%	2.314%
78	10.486	1443	1445	1450	rVB3	182947	173073	5.61%	0.401%
79	10.604	1463	1465	1469	rVB	222438	198698	6.44%	0.460%
80	10.822	1500	1502	1505	rVB	144632	108583	3.52%	0.251%
81	11.069	1542	1544	1547	rVB	219042	188508	6.11%	0.436%
82	11.145	1554	1557	1561	rBV	554958	528040	17.11%	1.223%
83	11.704	1650	1652	1659	rBV5	200998	243525	7.89%	0.564%
84	12.745	1825	1829	1833	rBV	1130351	1210998	39.24%	2.804%

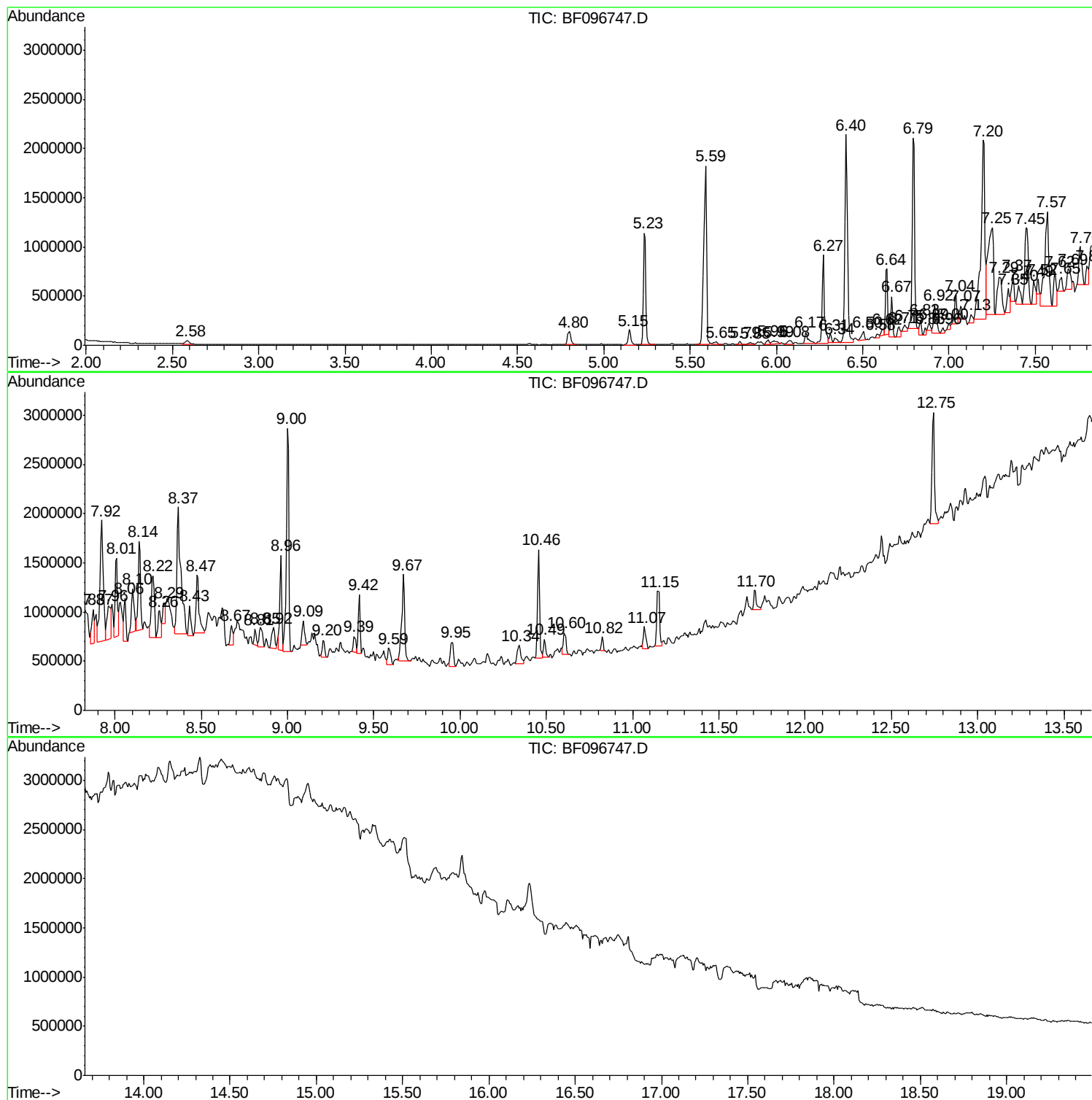
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Misc :
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Instrument :
BNA_F
ClientSampled :
A3591

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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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ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A3591

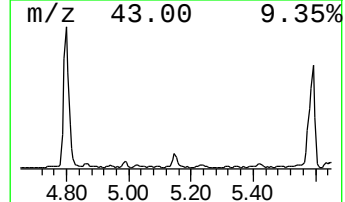
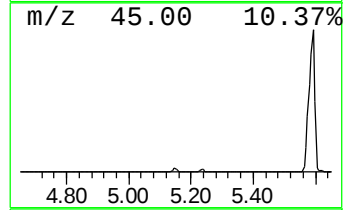
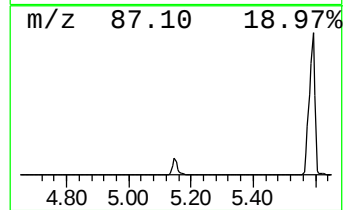
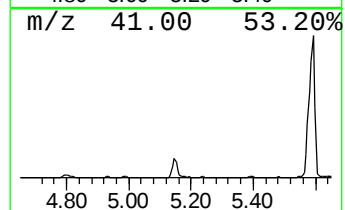
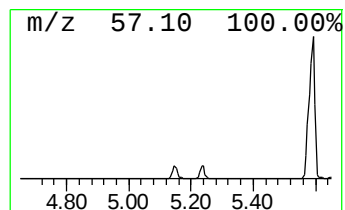
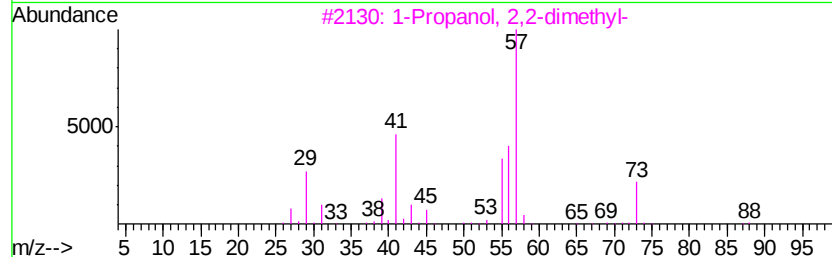
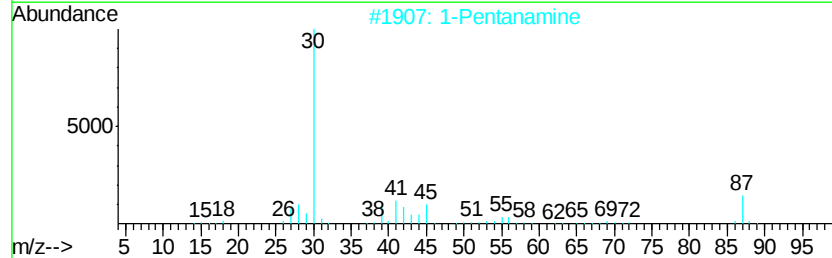
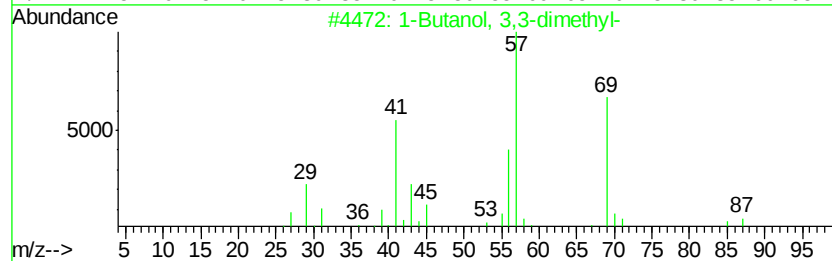
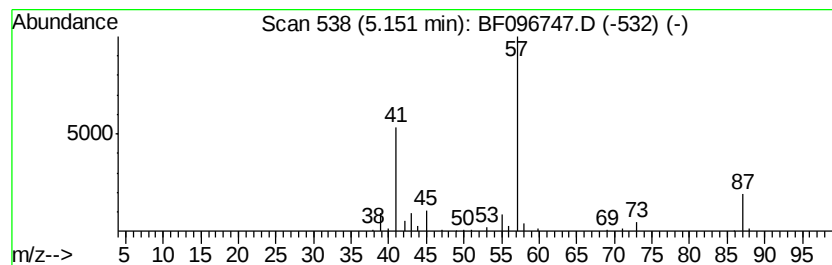
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown5.15 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.72 ng	177708	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	45
2			1-Pentanamine	87	C5H13N	000110-58-7	43
3			1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	37
4			n-Butyl ether	130	C8H18O	000142-96-1	36
5			Formic acid, 3,3-dimethylbut-2-y...	130	C7H14O2	1000368-20-5	33



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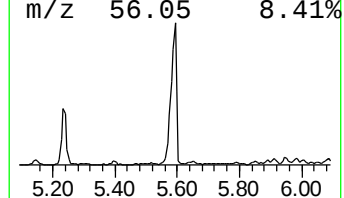
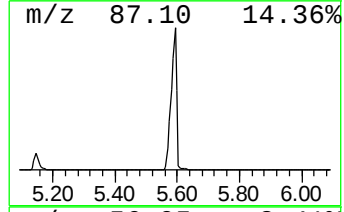
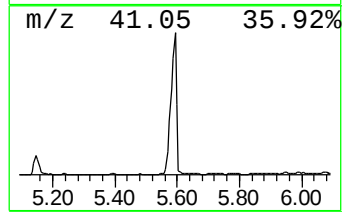
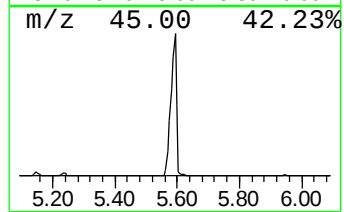
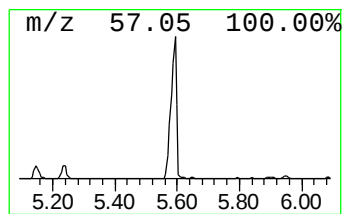
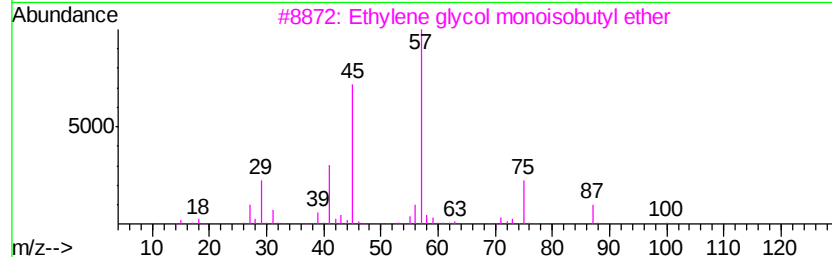
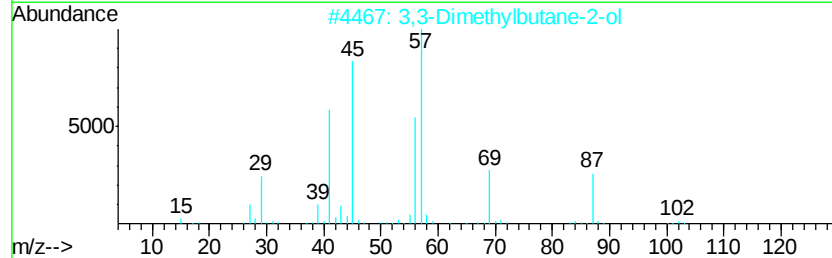
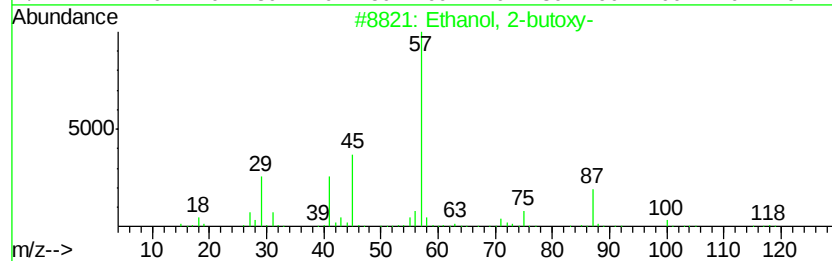
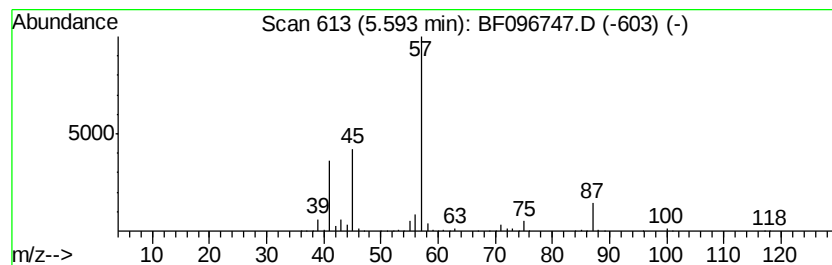
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	73.71 ng	2288280	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	56
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4		1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	25
5		2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	22



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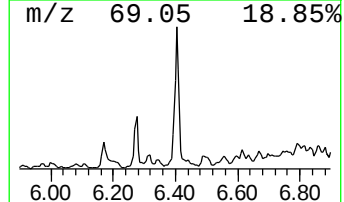
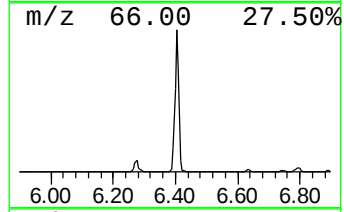
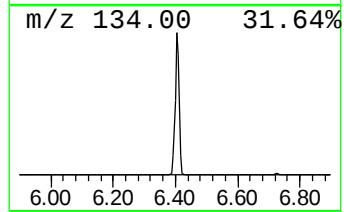
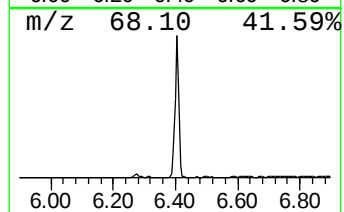
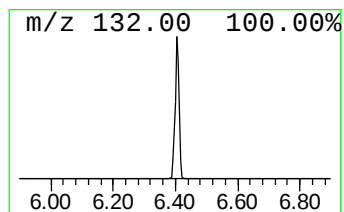
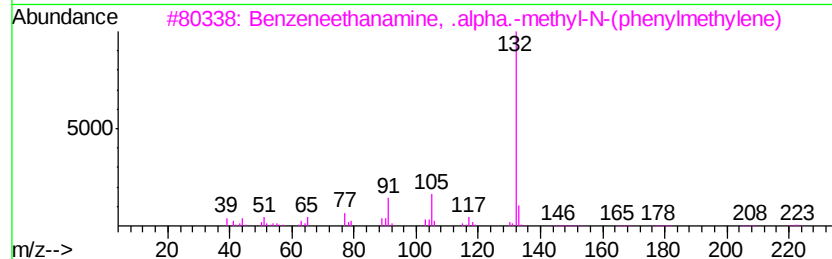
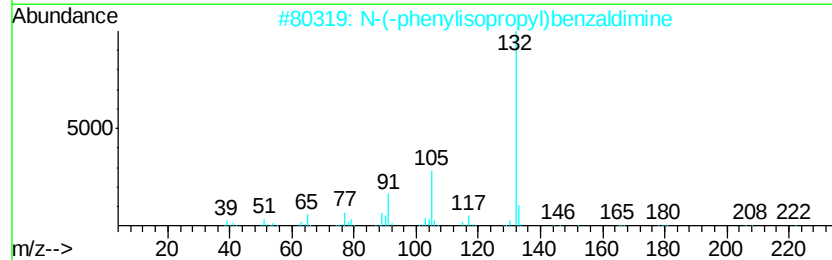
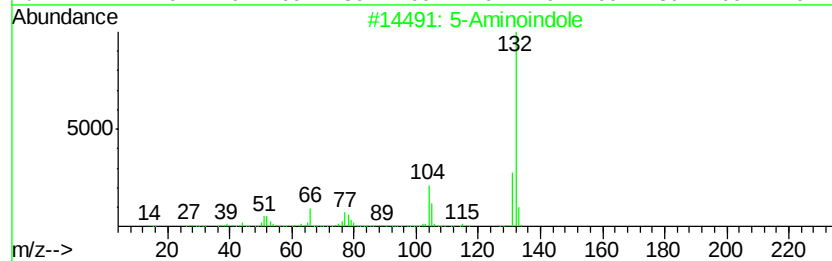
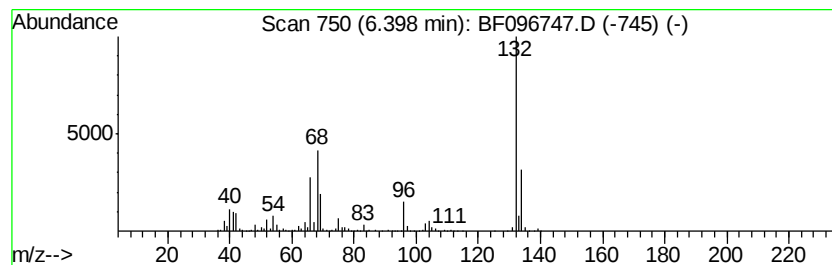
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	67.17 ng	2085290	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10
3		Benzeneethanamine, .alpha.-methy...	223	C16H17N	002980-02-1	10
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



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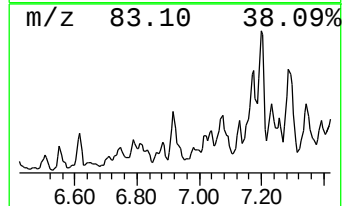
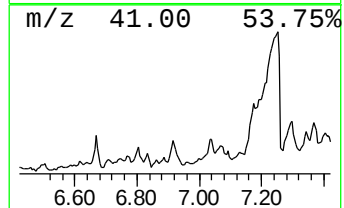
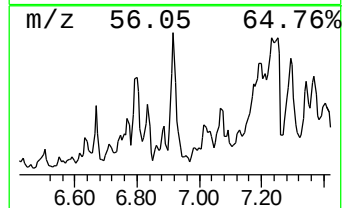
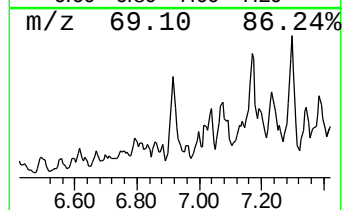
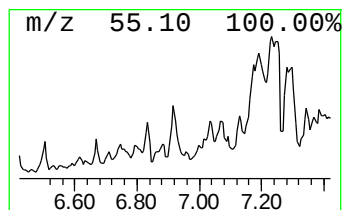
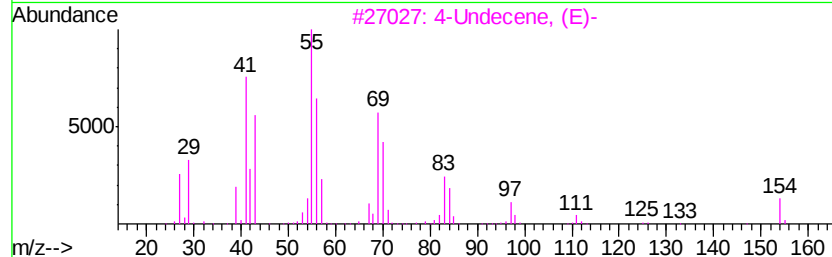
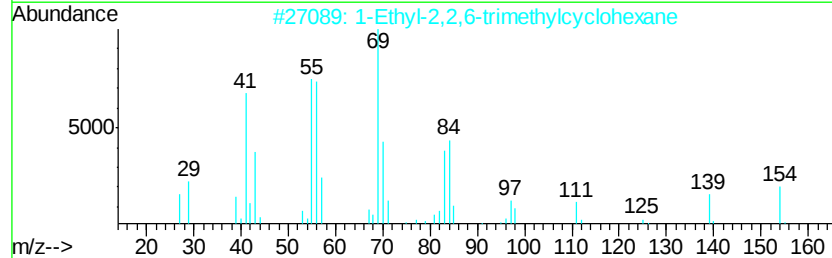
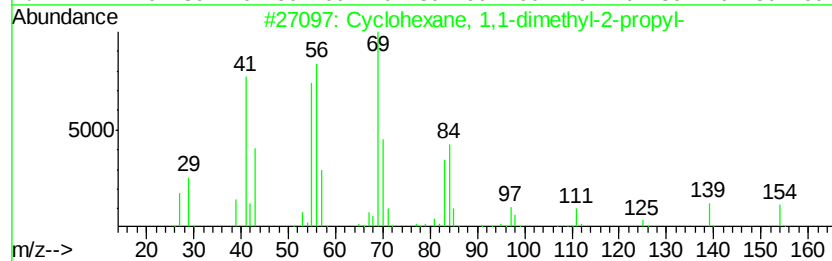
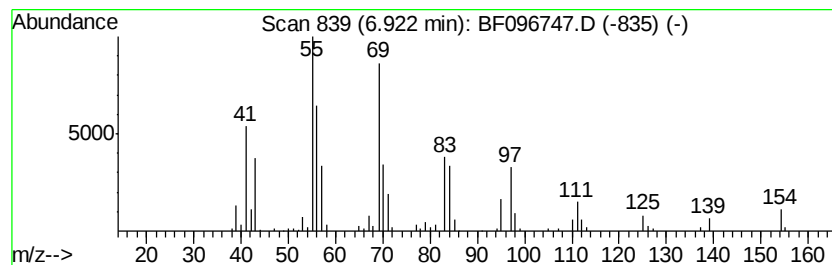
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	11.29 ng	350586	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	96
2		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	93
3		4-Undecene, (E)-	154	C11H22	000693-62-9	86
4		5-Undecene, (Z)-	154	C11H22	000764-96-5	74
5		3-Undecene, (Z)-	154	C11H22	000821-97-6	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
Sample : I4150-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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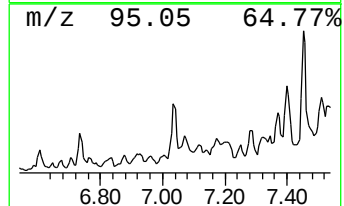
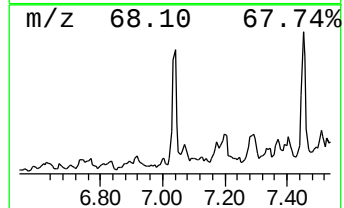
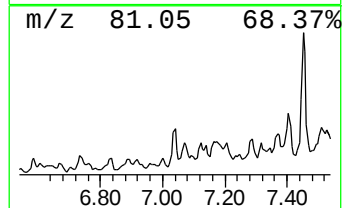
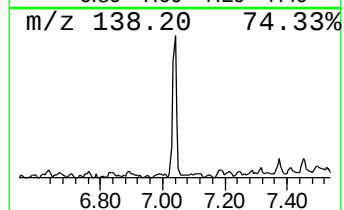
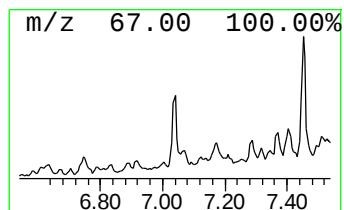
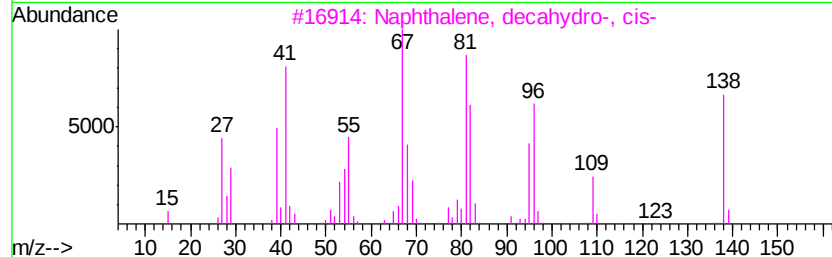
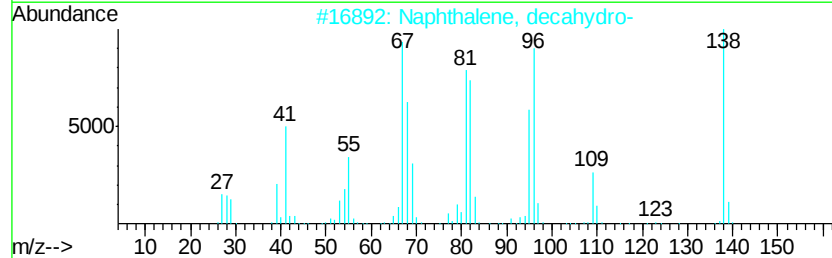
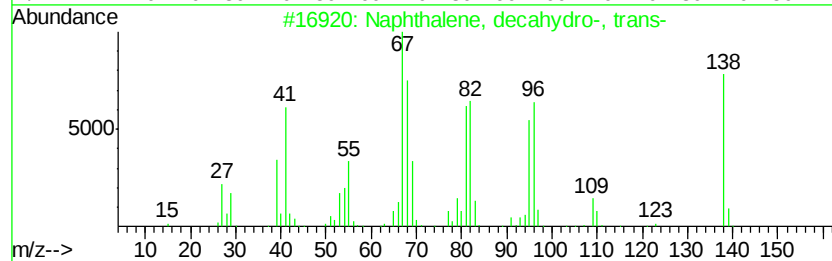
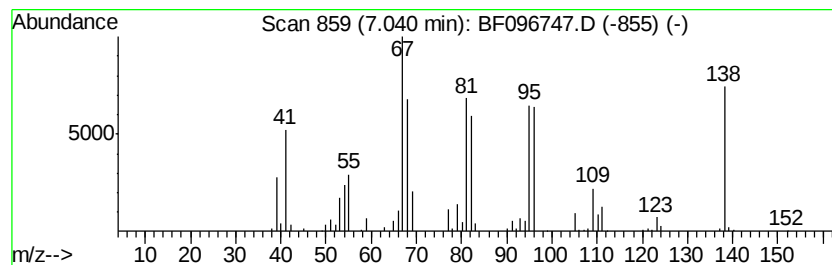
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, decahydro-, tr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	9.20 ng	285705	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	87
4		Spiro[4.5]decane	138	C10H18	000176-63-6	81
5		Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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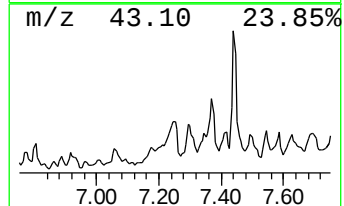
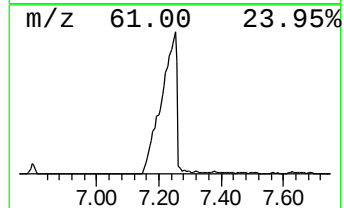
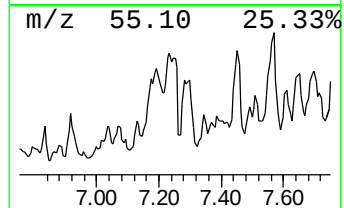
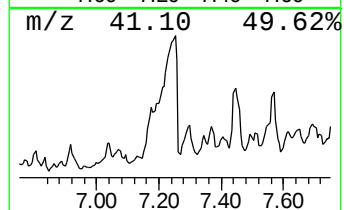
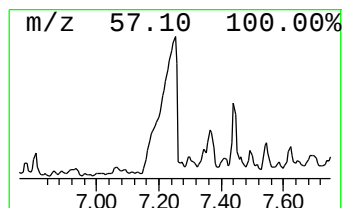
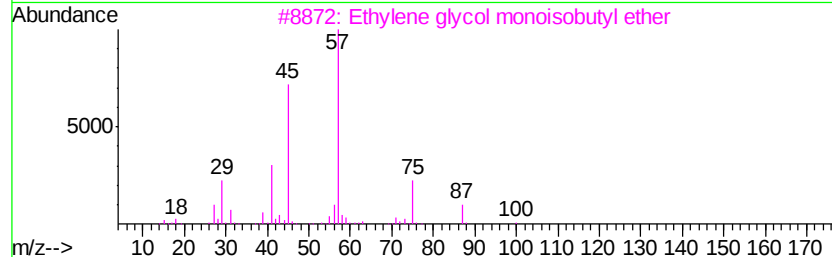
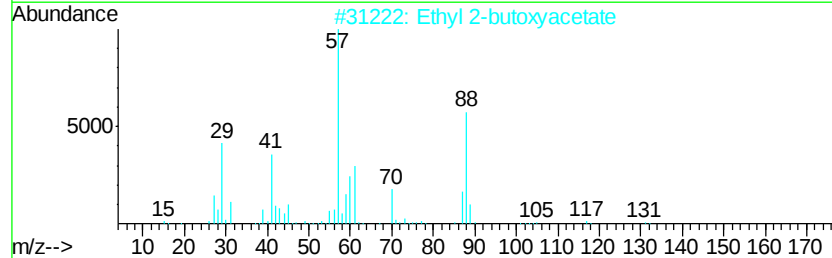
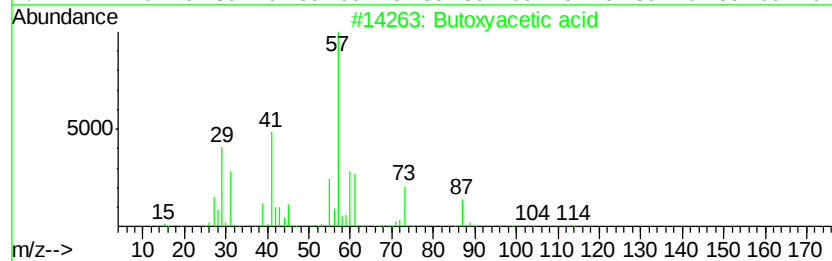
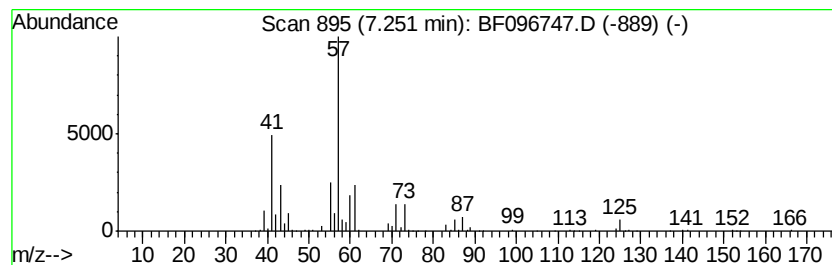
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.25 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	60.51 ng	1878540	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butoxyacetic acid	132	C6H12O3	002516-93-0	47
2		Ethyl 2-butoxyacetate	160	C8H16O3	1000366-89-3	23
3		Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	17
4		Propanoic acid, 2,2-dimethyl-, s...	208	C5H9AgO2	007324-58-5	16
5		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
Sample : I4150-01
Misc :
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Instrument :
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ClientSampled :
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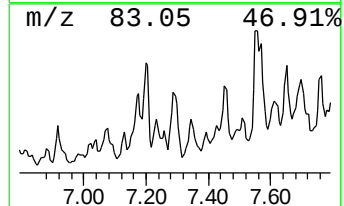
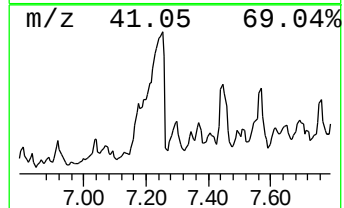
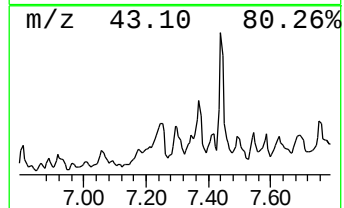
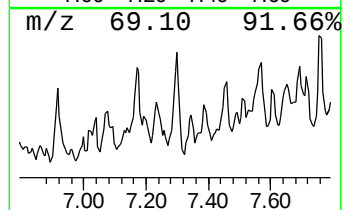
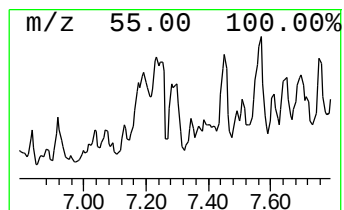
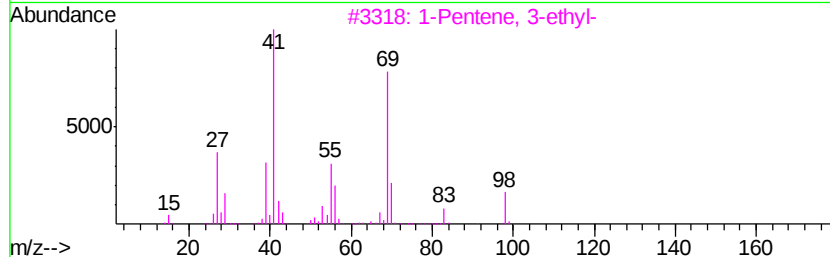
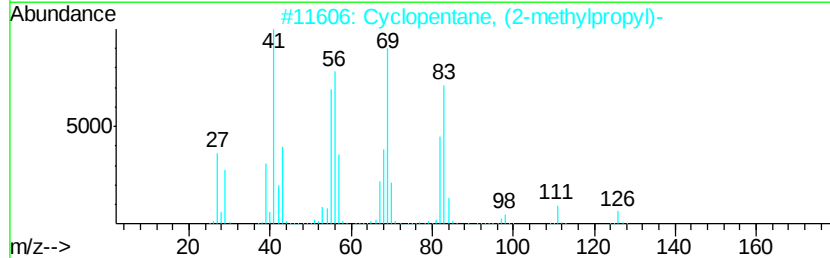
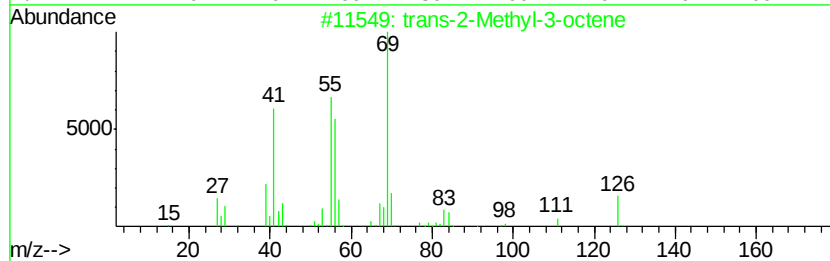
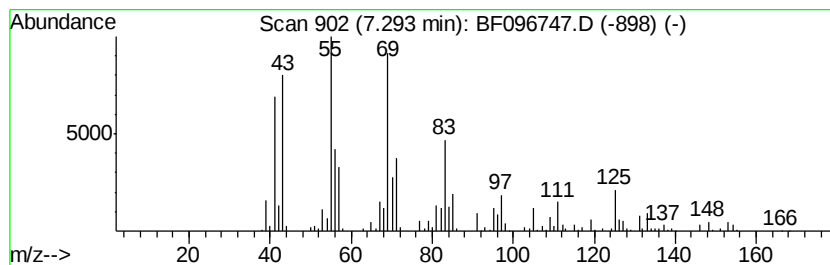
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown7.29 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.50 ng	637594	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	43
2		Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	30
3		1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	30
4		2,7-Octadiene, 4-methyl-	124	C9H16	1000061-78-0	25
5		1-Decene, 5-methyl-	154	C11H22	054244-79-0	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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Sample : I4150-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

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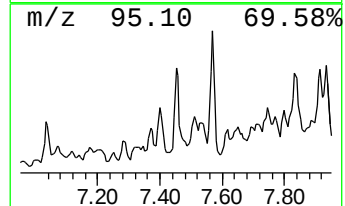
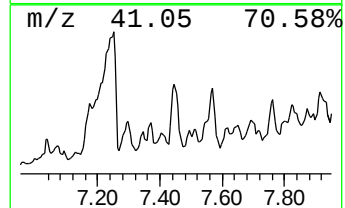
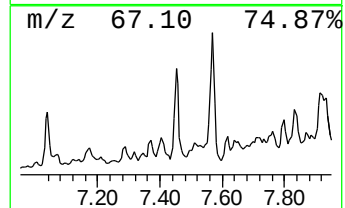
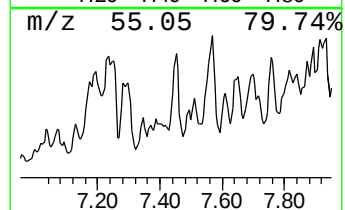
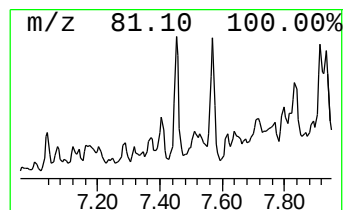
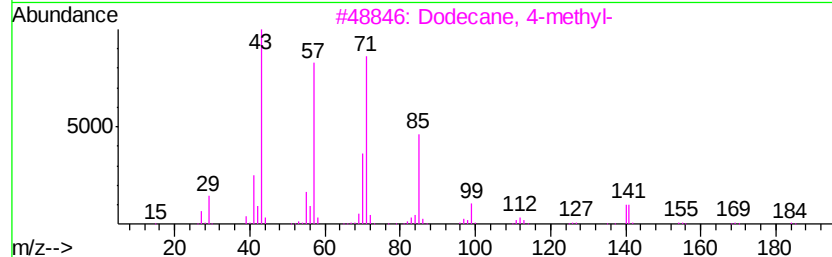
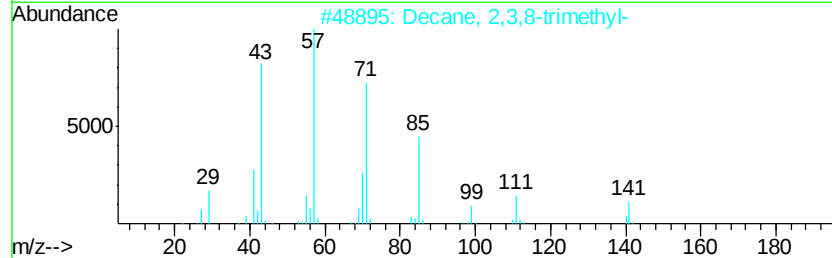
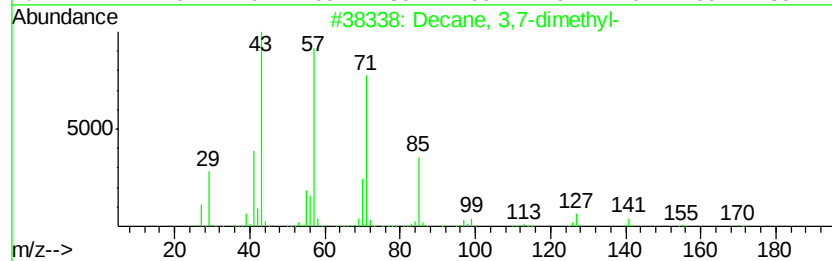
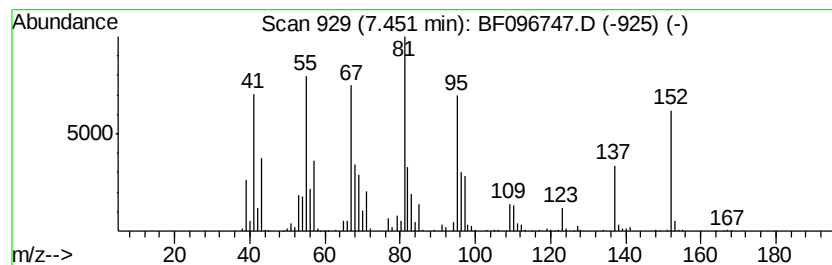
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	13.53 ng	1150690	Napthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	90
2		Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	47
3		Dodecane, 4-methyl-	184	C13H28	006117-97-1	43
4		Decane, 3-bromo-	220	C10H21Br	030571-71-2	43
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
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Operator : SJ/JU
Sample : I4150-01
Misc :
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Instrument :
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ClientSampleId :
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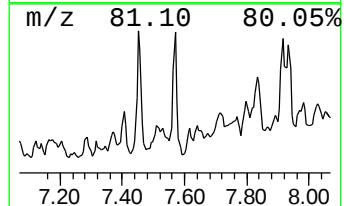
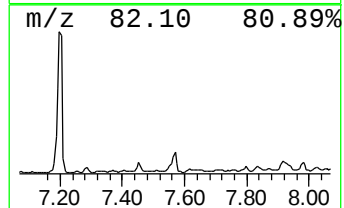
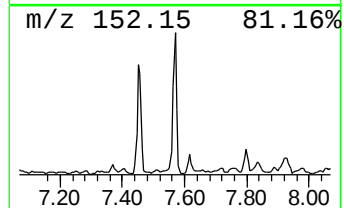
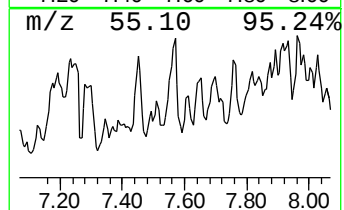
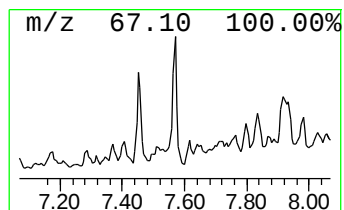
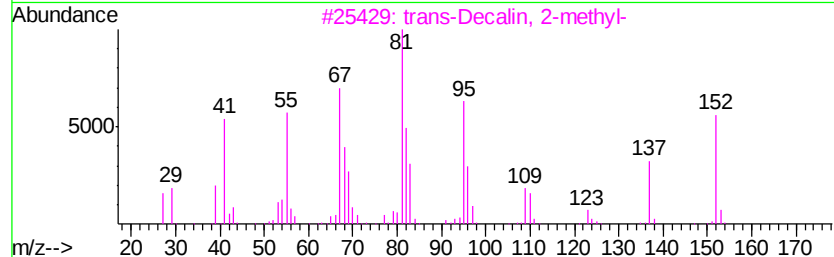
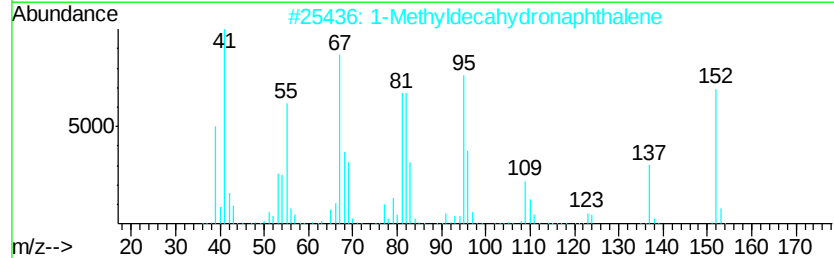
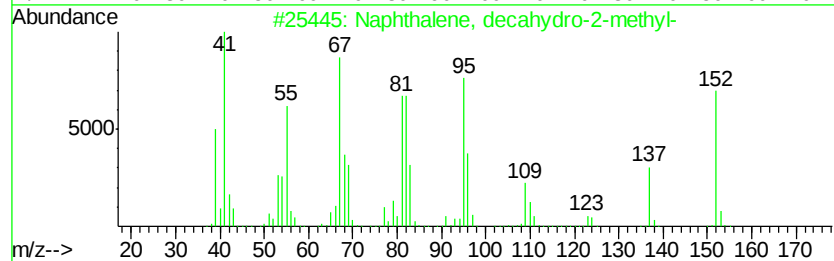
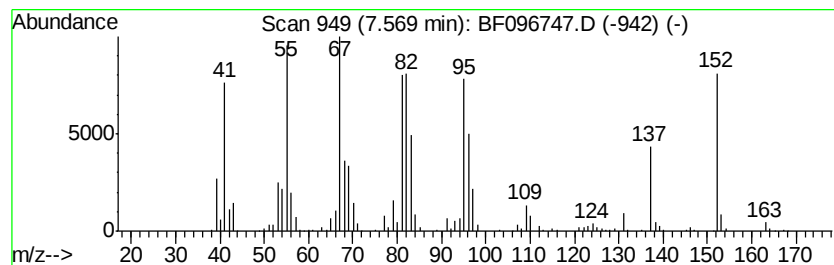
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	16.58 ng	1409630	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	83
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	62
5		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
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Acq On : 14 Jul 2017 00:26
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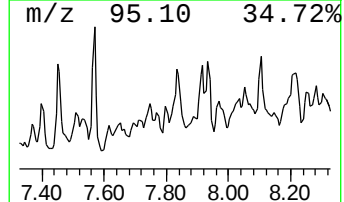
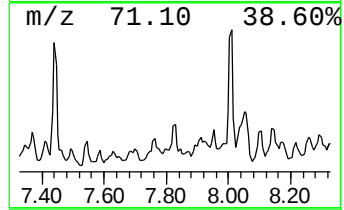
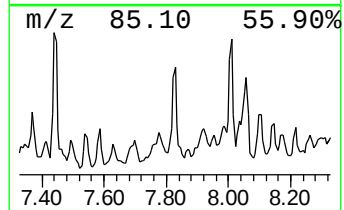
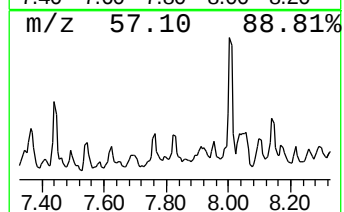
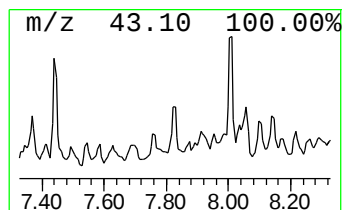
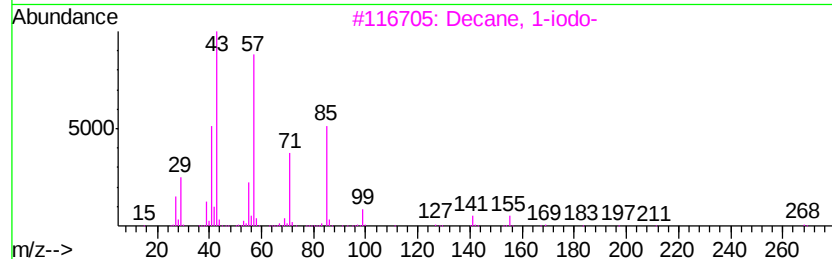
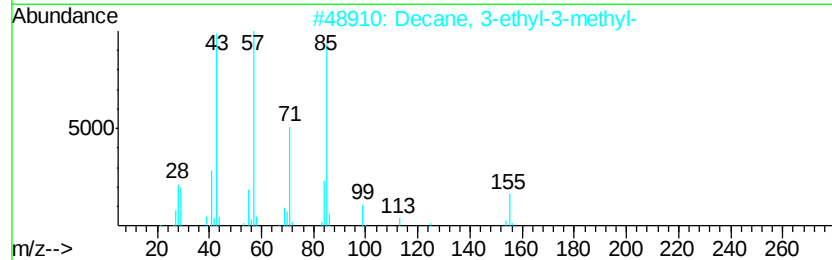
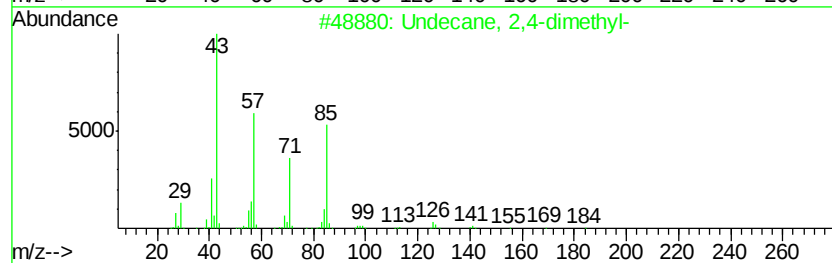
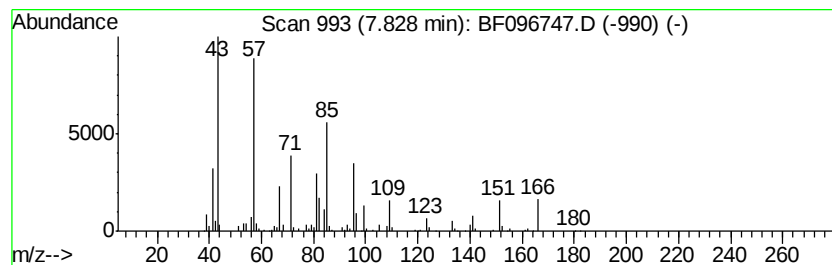
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.83 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	7.57 ng	643462	Naphthalene-d8	7.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	38
2			Decane, 3-ethyl-3-methyl-	184	C13H28	017312-66-2	38
3			Decane, 1-iodo-	268	C10H21I	002050-77-3	32
4			Tetradecane, 5-methyl-	212	C15H32	025117-32-2	32
5			Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
Sample : I4150-01
Misc :
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Instrument :
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ClientSampleId :
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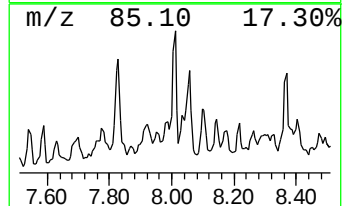
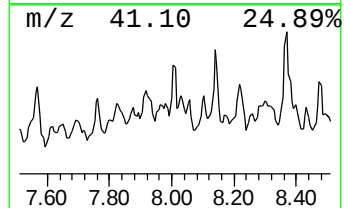
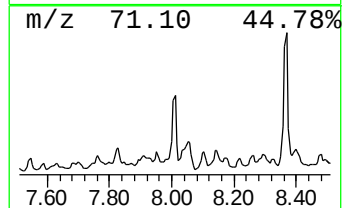
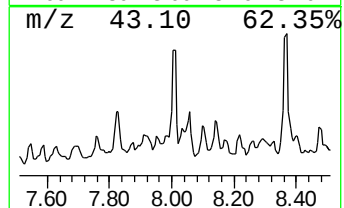
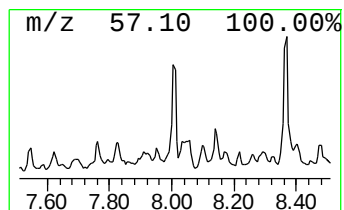
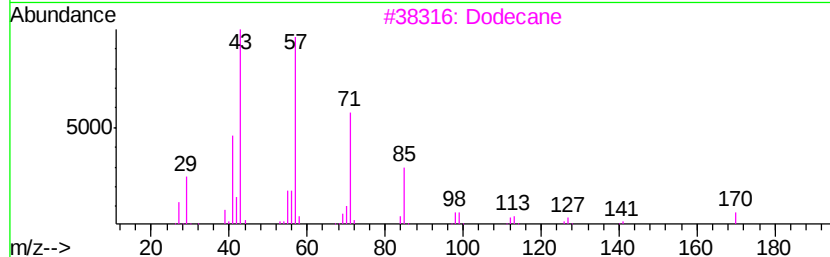
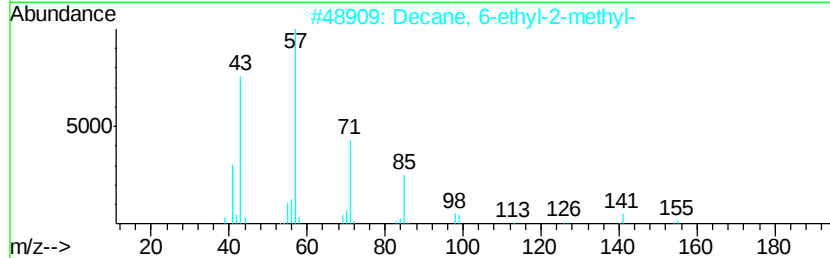
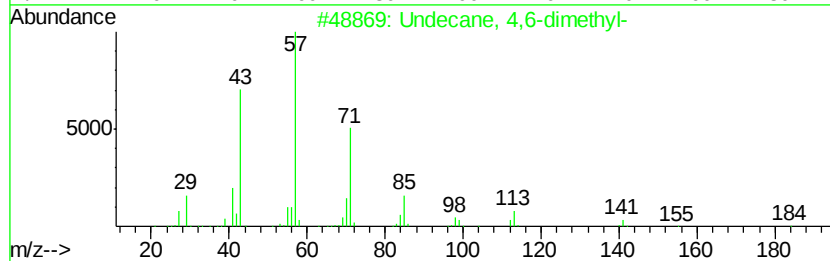
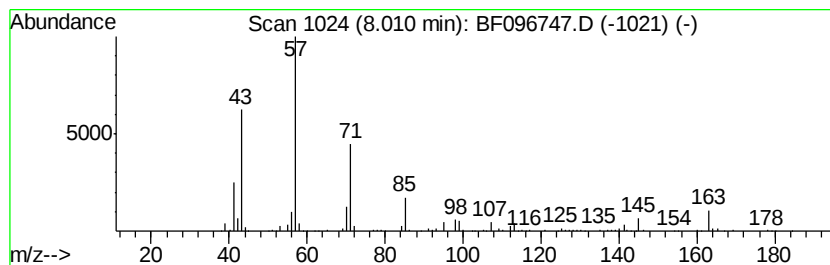
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 4,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.01	9.95 ng	845828	Naphthalene-d8	7.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	70
2			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53
3			Dodecane	170	C12H26	000112-40-3	50
4			Decane, 5-propyl-	184	C13H28	017312-62-8	50
5			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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ClientSampleId :
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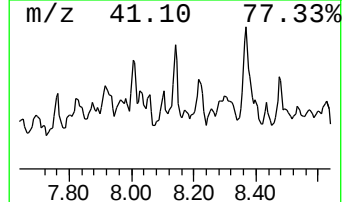
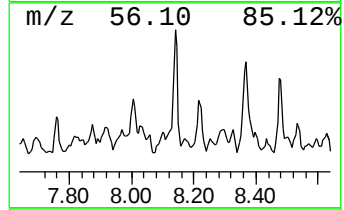
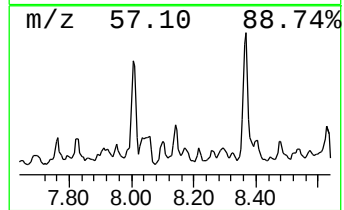
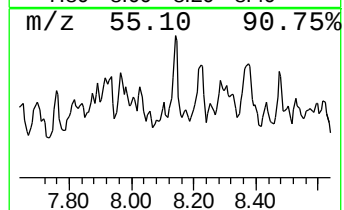
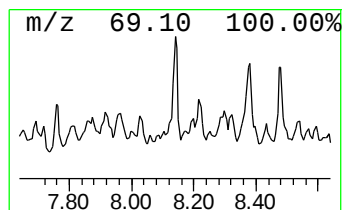
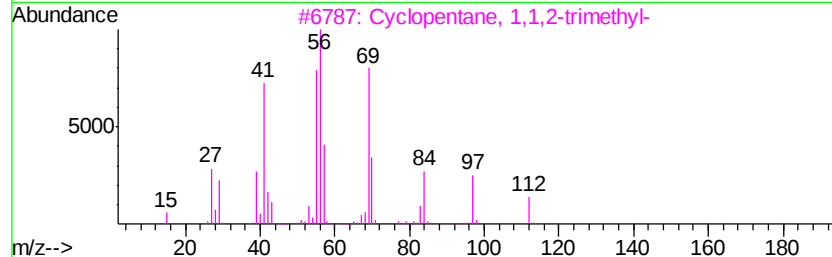
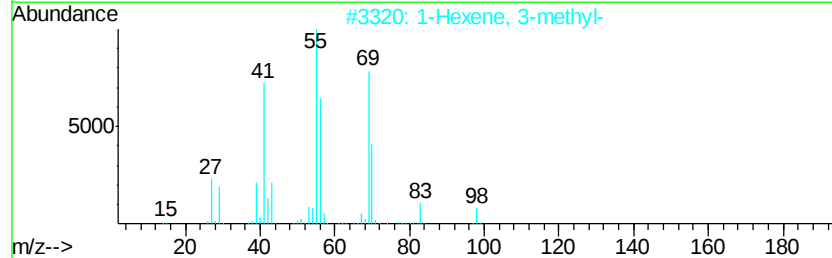
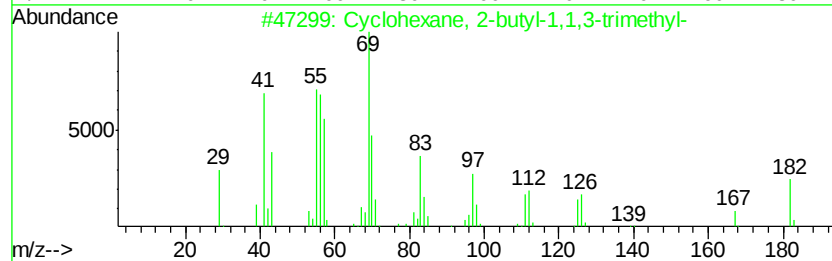
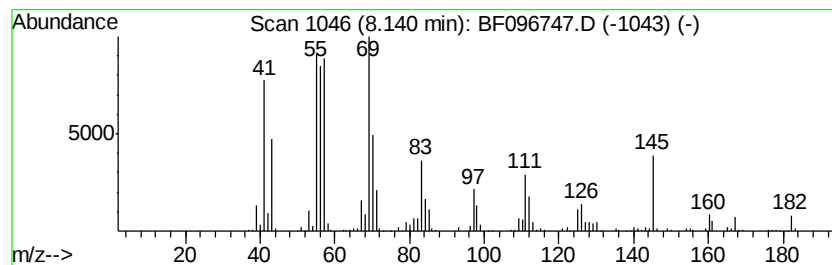
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	10.62 ng	903343	Napthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	87
2		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	52
3		Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	52
4		2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	49
5		Cyclopentane, butyl-	126	C9H18	002040-95-1	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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Sample : I4150-01
Misc :
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Instrument :
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ClientSampleId :
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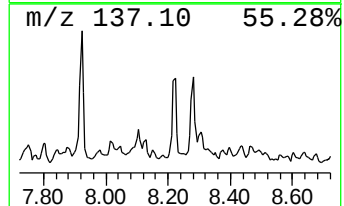
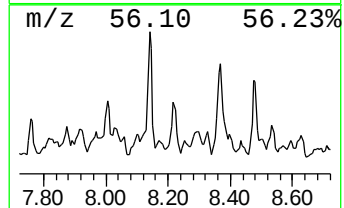
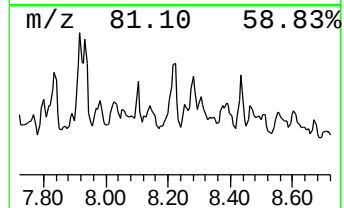
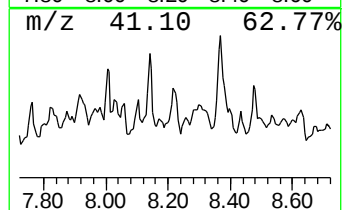
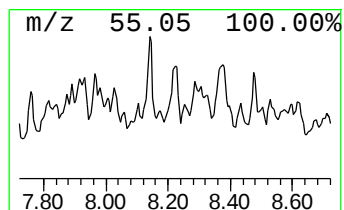
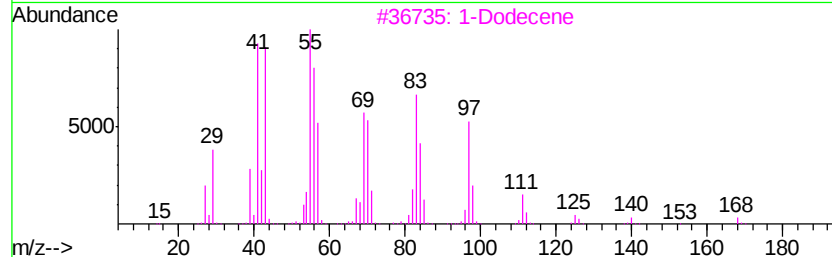
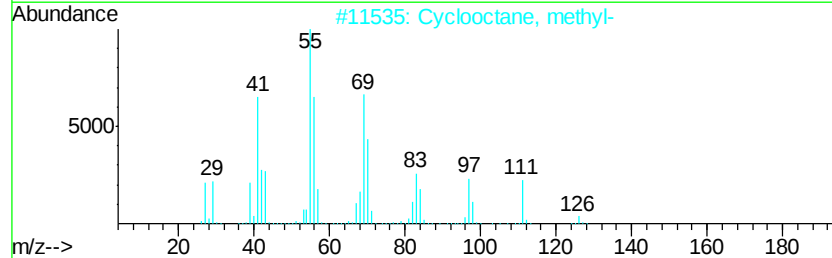
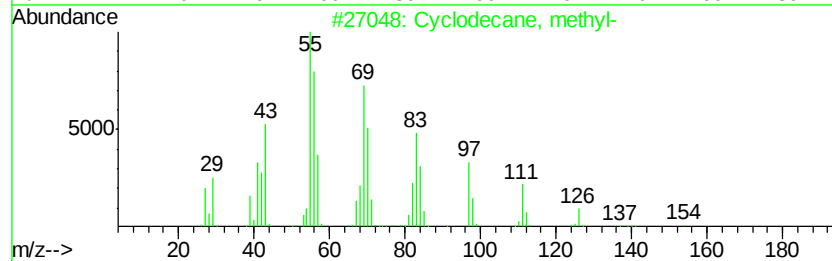
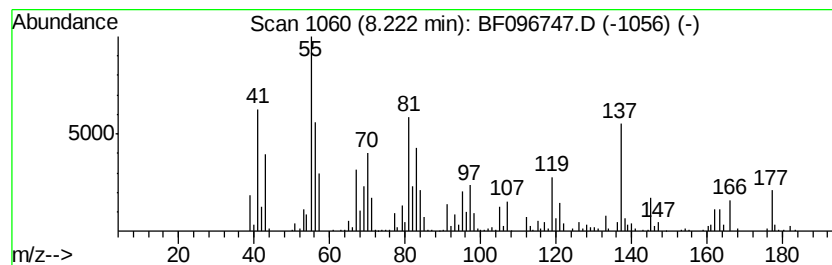
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.22 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	10.08 ng	857155	Napthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclodecane, methyl-	154	C11H22	013151-43-4	49
2		Cyclooctane, methyl-	126	C9H18	001502-38-1	43
3		1-Dodecene	168	C12H24	000112-41-4	38
4		3-Dodecene, (Z)-	168	C12H24	007239-23-8	38
5		1-Tridecene	182	C13H26	002437-56-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
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Misc :
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Instrument :
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ClientSampleId :
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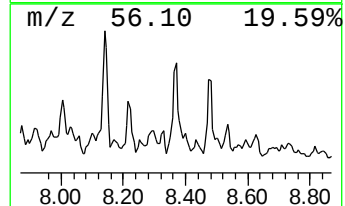
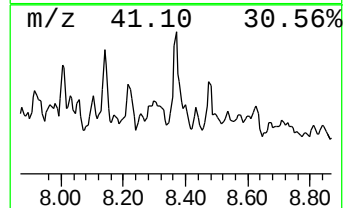
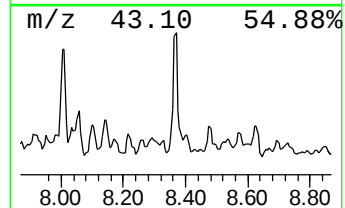
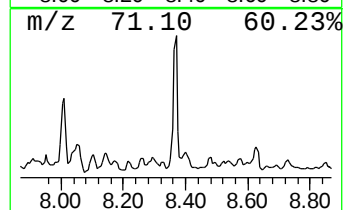
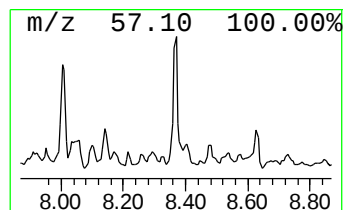
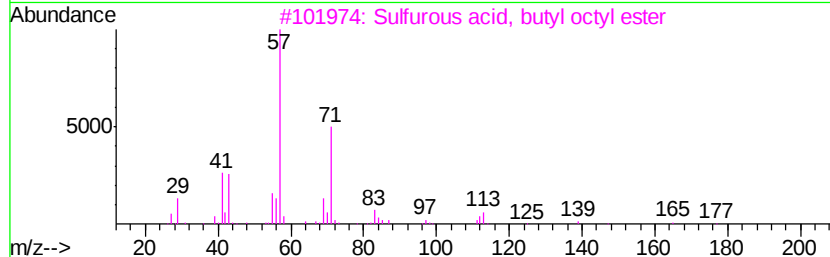
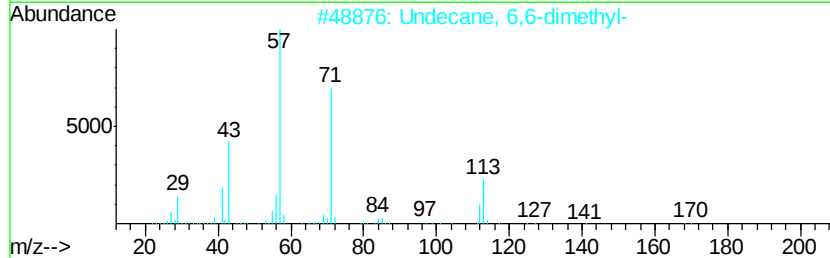
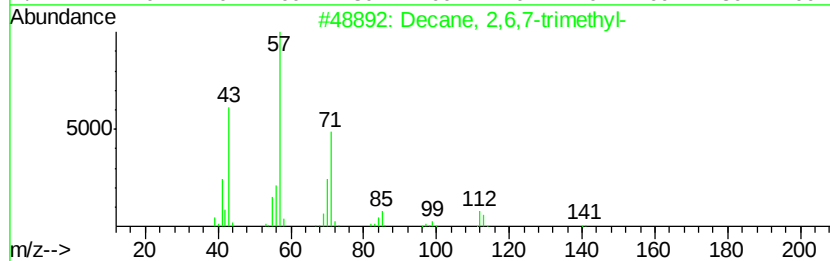
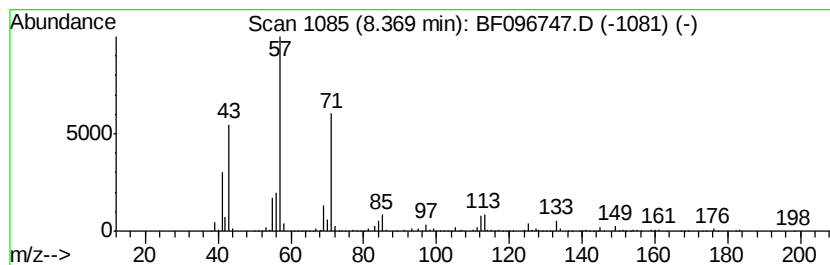
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Decane, 2,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	23.28 ng	1979700	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	59
5		Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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Misc :
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Instrument :
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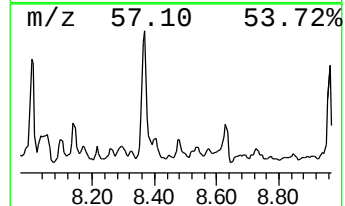
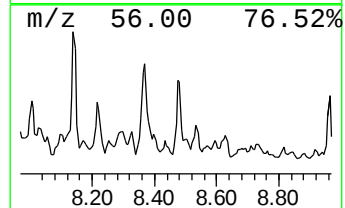
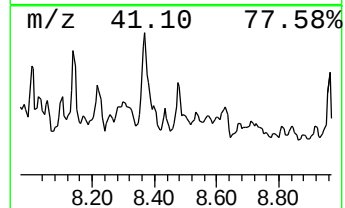
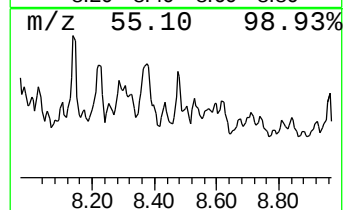
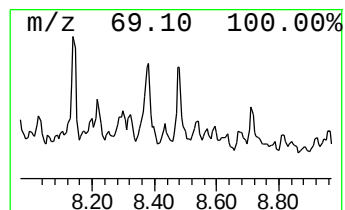
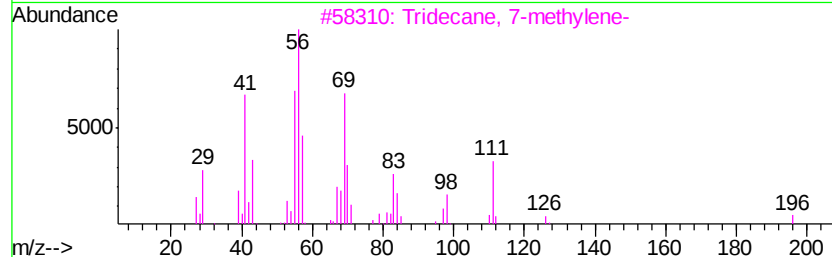
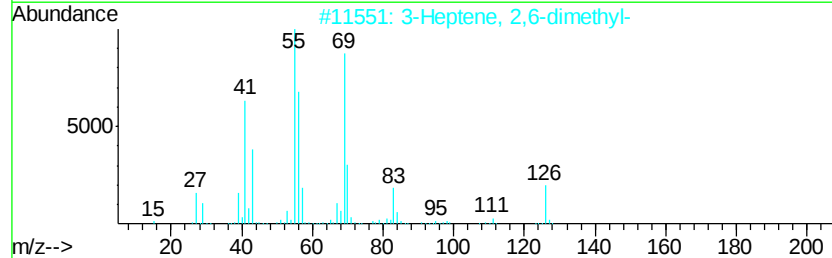
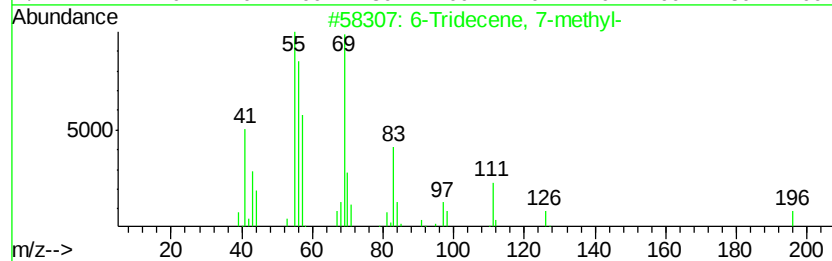
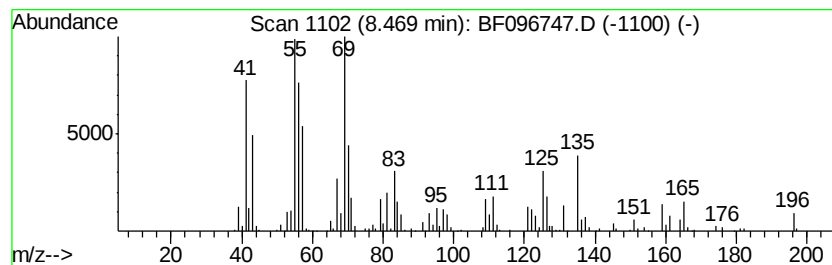
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 6-Tridecene, 7-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	8.74 ng	743002	Naphthalene-d8	7.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	70
2		3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
3		Tridecane, 7-methylene-	196	C14H28	019780-80-4	53
4		2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	52
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
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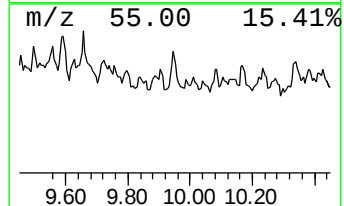
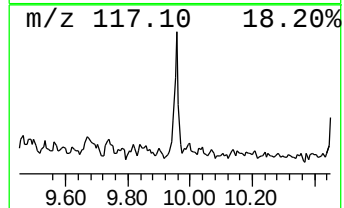
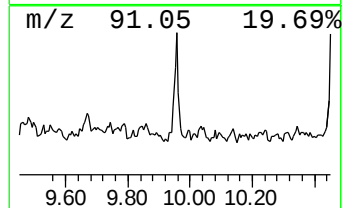
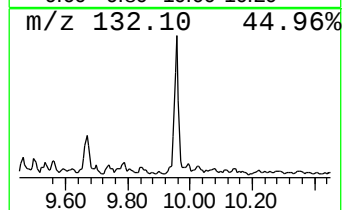
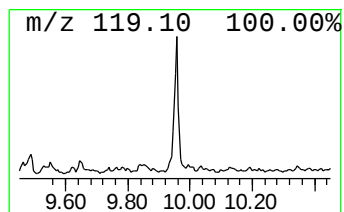
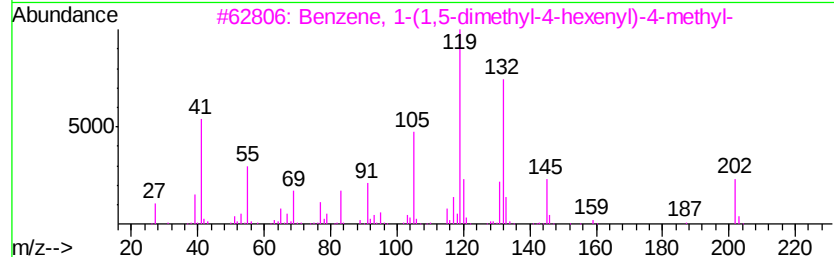
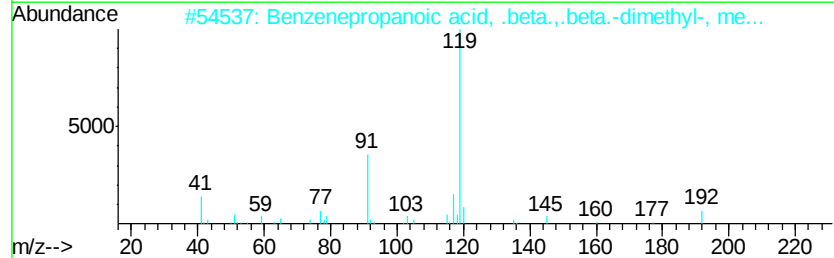
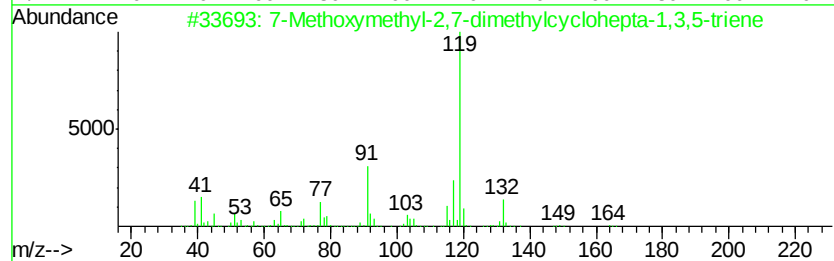
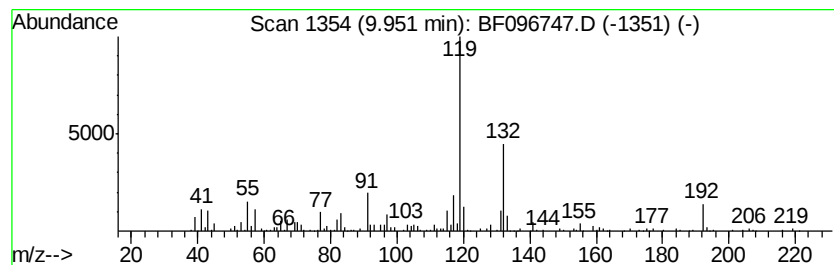
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 7-Methoxymethyl-2,7-dimethy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	7.01 ng	339959	Acenaphthene-d10	9.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7-Methoxymethyl-2,7-dimethylcycl...	164	C11H16O	073992-48-0	80
2			Benzenepropanoic acid, .beta.,.b...	192	C12H16O2	025080-84-6	49
3			Benzene, 1-(1,5-dimethyl-4-hexen...	202	C15H22	000644-30-4	47
4			p-Cymene	134	C10H14	000099-87-6	43
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
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Acq On : 14 Jul 2017 00:26
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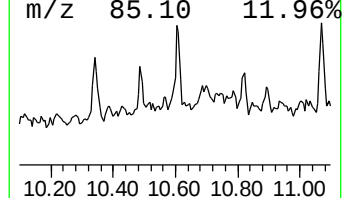
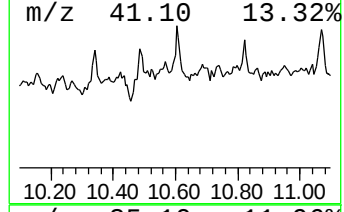
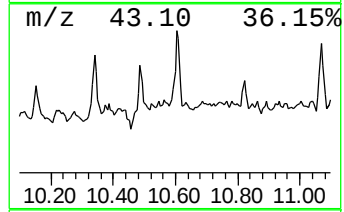
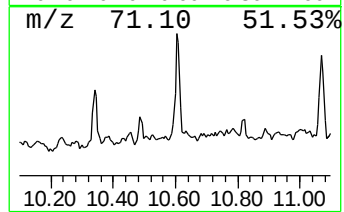
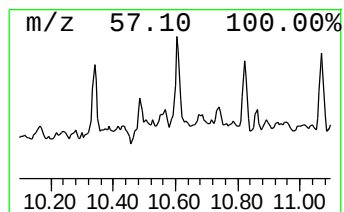
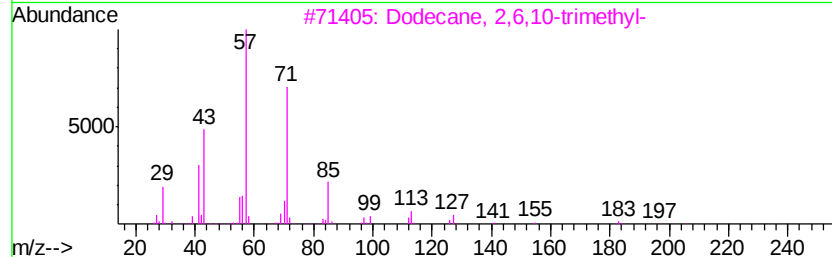
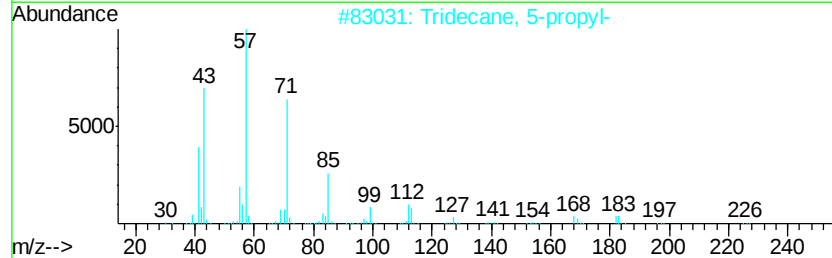
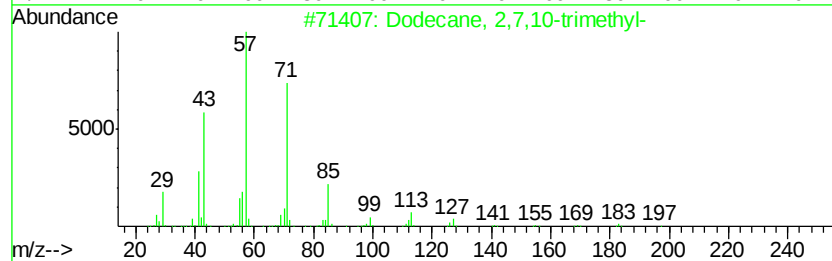
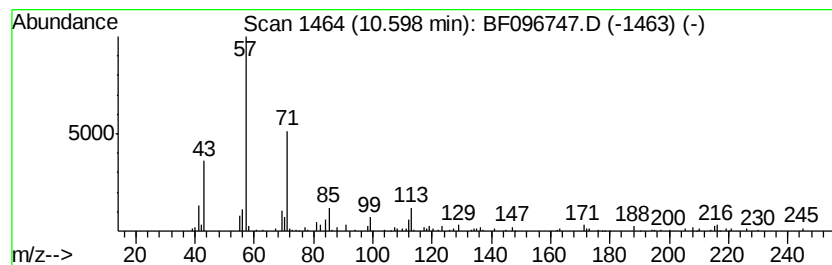
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2,7,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.53 ng	198698	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	87
2			Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
5			Hentriacontane	437	C31H64	000630-04-6	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
Sample : I4150-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
A3591

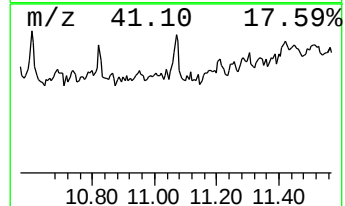
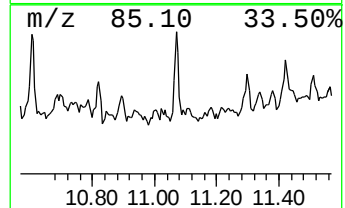
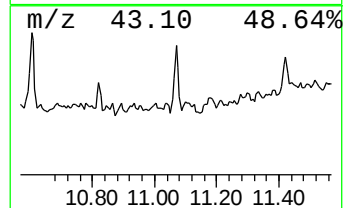
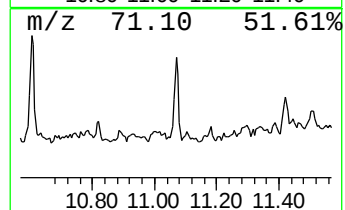
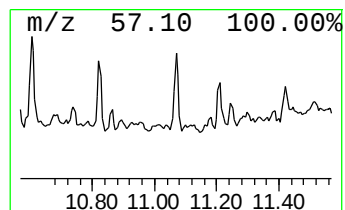
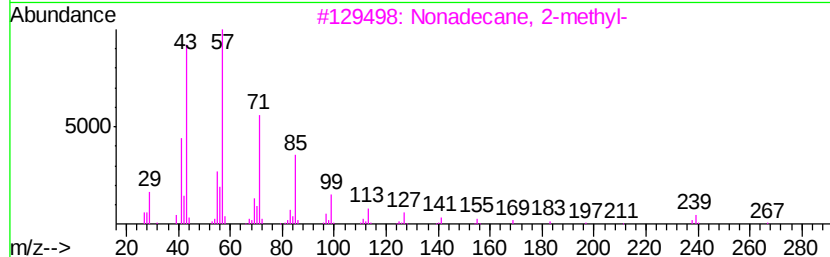
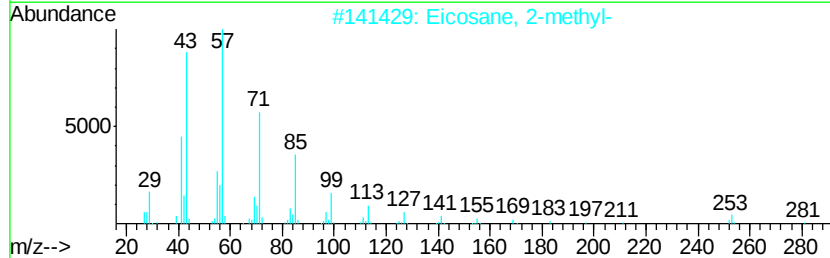
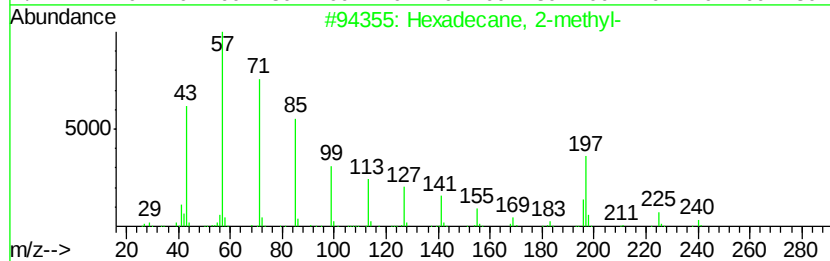
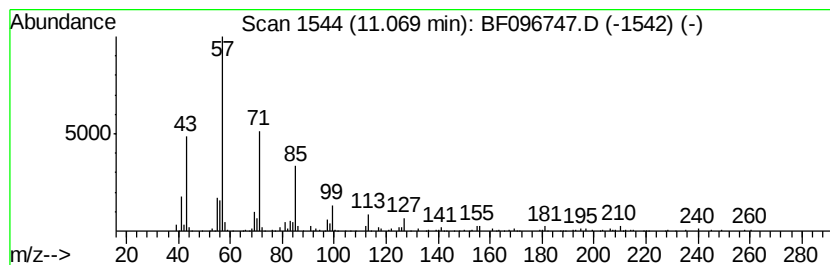
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Hexadecane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	7.14 ng	188508	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	86
2			Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
4			Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
5			Heptacosane	380	C27H56	000593-49-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
Data File : BF096747.D
Acq On : 14 Jul 2017 00:26
Operator : SJ/JU
Sample : I4150-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A3591

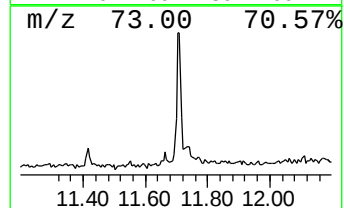
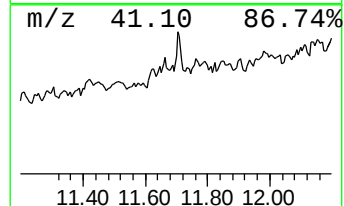
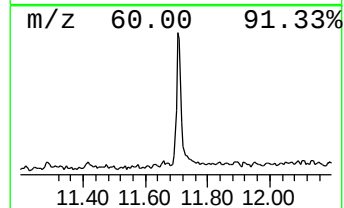
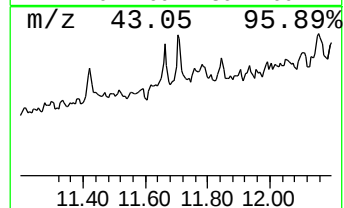
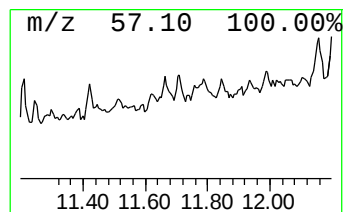
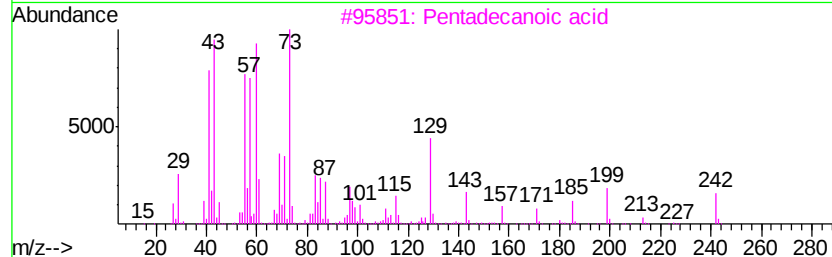
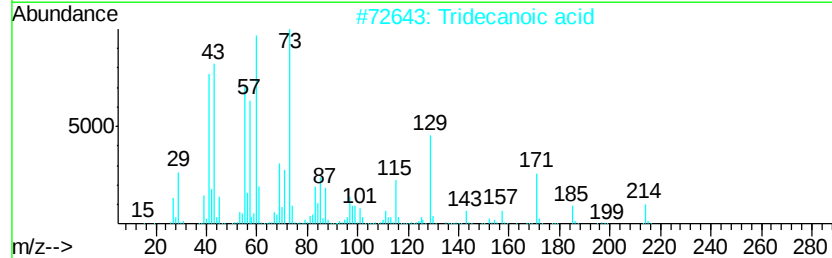
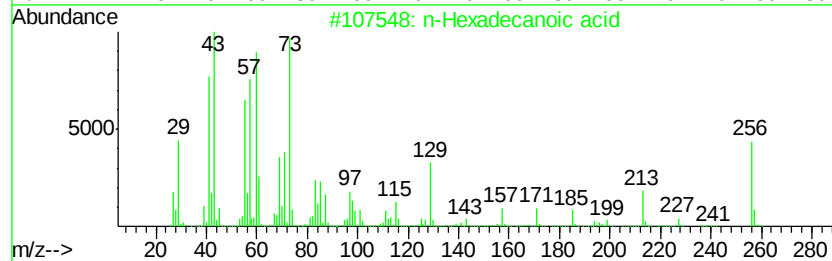
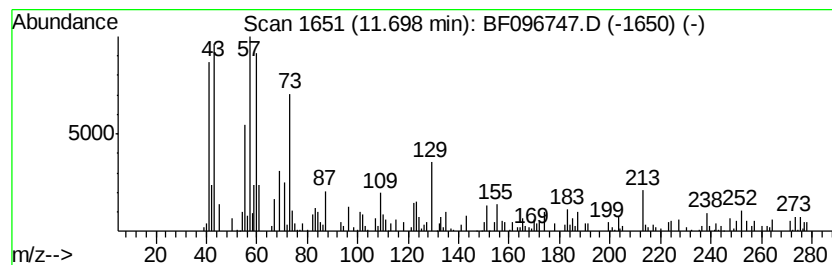
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	9.22 ng	243525	Phenanthrene-d10	11.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2			Tridecanoic acid	214	C13H26O2	000638-53-9	68
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4			Heptanoic acid	130	C7H14O2	000111-14-8	43
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096747.D
 Acq On : 14 Jul 2017 00:26
 Operator : SJ/JU
 Sample : I4150-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A3591

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.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
unknown5.15	5.15	5.7	ng	177708	1	6.64	620902	20.0
Ethanol, 2-butoxy-	5.59	73.7	ng	2288280	1	6.64	620902	20.0
unknown6.40	6.40	67.2	ng	2085290	1	6.64	620902	20.0
Cyclohexane, 1,1-...	6.92	11.3	ng	350586	1	6.64	620902	20.0
Naphthalene, deca...	7.04	9.2	ng	285705	1	6.64	620902	20.0
unknown7.25	7.25	60.5	ng	1878540	1	6.64	620902	20.0
unknown7.29	7.29	7.5	ng	637594	2	7.92	1700480	20.0
Decane, 3,7-dimet...	7.45	13.5	ng	1150690	2	7.92	1700480	20.0
Naphthalene, deca...	7.57	16.6	ng	1409630	2	7.92	1700480	20.0
unknown7.83	7.83	7.6	ng	643462	2	7.92	1700480	20.0
Undecane, 4,6-dim...	8.01	9.9	ng	845828	2	7.92	1700480	20.0
Cyclohexane, 2-bu...	8.14	10.6	ng	903343	2	7.92	1700480	20.0
unknown8.22	8.22	10.1	ng	857155	2	7.92	1700480	20.0
Decane, 2,6,7-tri...	8.37	23.3	ng	1979700	2	7.92	1700480	20.0
6-Tridecene, 7-me...	8.47	8.7	ng	743002	2	7.92	1700480	20.0
7-Methoxymethyl-2...	9.95	7.0	ng	339959	3	9.67	969681	20.0
Dodecane, 2,7,10-...	10.60	7.5	ng	198698	4	11.15	528040	20.0
Hexadecane, 2-met...	11.07	7.1	ng	188508	4	11.15	528040	20.0
n-Hexadecanoic acid	11.70	9.2	ng	243525	4	11.15	528040	20.0