

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
 Data File : BG017096.D
 Acq On : 12 May 2015 22:56
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-2.5

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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	2.810	16	21	30	rVV3	47831	91568	3.95%	0.570%
2	2.886	30	34	43	rVB	132552	169177	7.30%	1.053%
3	3.456	123	131	137	rBV	806231	1265119	54.59%	7.873%
4	3.562	144	149	154	rVB5	17248	28886	1.25%	0.180%
5	4.708	338	344	350	rBV2	58624	79896	3.45%	0.497%
6	4.825	358	364	373	rBV	97052	137897	5.95%	0.858%
7	5.313	440	447	454	rBV	468519	663121	28.61%	4.127%
8	6.917	712	720	732	rVB	668364	1035012	44.66%	6.441%
9	7.258	772	778	784	rVB	612610	932844	40.25%	5.805%
10	7.716	848	856	862	rVB	144951	243278	10.50%	1.514%
11	8.033	904	910	918	rVB	435892	700829	30.24%	4.361%
12	8.251	942	947	952	rVB5	20234	33508	1.45%	0.209%
13	8.298	952	955	964	rVB3	15402	28690	1.24%	0.179%
14	8.374	964	968	972	rBV4	19054	34435	1.49%	0.214%
15	8.873	1047	1053	1061	rBV	405976	637609	27.51%	3.968%
16	8.938	1061	1064	1069	rVB3	20947	29781	1.28%	0.185%
17	9.297	1117	1125	1129	rBV6	13806	28555	1.23%	0.178%
18	9.355	1129	1135	1140	rBV6	20049	41964	1.81%	0.261%
19	9.485	1152	1157	1165	rVB4	43632	85460	3.69%	0.532%
20	9.596	1171	1176	1181	rVB5	15208	24430	1.05%	0.152%
21	9.690	1186	1192	1198	rBV8	15909	32992	1.42%	0.205%
22	9.784	1198	1208	1214	rBV5	21644	57338	2.47%	0.357%
23	9.861	1217	1221	1227	rVB4	24186	36702	1.58%	0.228%
24	9.937	1227	1234	1242	rBV5	20105	44722	1.93%	0.278%
25	10.043	1249	1252	1255	rVB3	20360	25031	1.08%	0.156%
26	10.507	1317	1331	1339	rVB	182848	351491	15.17%	2.187%
27	10.671	1355	1359	1366	rVB2	64807	99759	4.30%	0.621%
28	10.900	1392	1398	1403	rBV7	11666	26661	1.15%	0.166%
29	11.347	1468	1474	1479	rVB5	15162	27658	1.19%	0.172%
30	11.435	1484	1489	1496	rVB10	11574	25925	1.12%	0.161%
31	11.535	1500	1506	1517	rBV	82248	153795	6.64%	0.957%
32	11.940	1567	1575	1581	rBV6	20218	49025	2.12%	0.305%
33	12.164	1605	1613	1619	rVB7	23247	58377	2.52%	0.363%
34	12.581	1678	1684	1687	rBV6	13767	25156	1.09%	0.157%

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 Smoothing : ON
 Sampling : 1
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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35	12.634	1687	1693	1699	rVB10	13954	29196	1.26%	0.182%
36	12.693	1699	1703	1705	rBV5	15277	23856	1.03%	0.148%
37	12.716	1705	1707	1712	rVB4	21435	24949	1.08%	0.155%
38	12.787	1712	1719	1720	rBV7	19448	28803	1.24%	0.179%
39	12.851	1726	1730	1734	rBV5	15841	23209	1.00%	0.144%
40	12.898	1734	1738	1743	rVV	97856	136638	5.90%	0.850%
41	12.986	1744	1753	1760	rVB	885867	1305914	56.35%	8.127%
42	13.779	1882	1888	1891	rVV6	34427	65132	2.81%	0.405%
43	13.826	1891	1896	1898	rVV	195647	292100	12.60%	1.818%
44	13.850	1898	1900	1905	rVV2	127010	166712	7.19%	1.037%
45	13.897	1905	1908	1914	rVB8	22081	36831	1.59%	0.229%
46	14.197	1955	1959	1966	rVB7	30680	50907	2.20%	0.317%
47	14.267	1966	1971	1977	rVV4	33658	51327	2.21%	0.319%
48	14.367	1977	1988	1996	rVB2	298312	494391	21.33%	3.077%
49	14.890	2074	2077	2081	rBV4	22485	29230	1.26%	0.182%
50	15.219	2130	2133	2138	rVB3	18675	23530	1.02%	0.146%
51	15.378	2153	2160	2164	rBV	118001	167490	7.23%	1.042%
52	15.630	2198	2203	2208	rVB2	25004	41063	1.77%	0.256%
53	15.859	2234	2242	2247	rBV	554802	822780	35.50%	5.120%
54	16.083	2277	2280	2282	rBV3	20347	24503	1.06%	0.152%
55	16.106	2282	2284	2288	rVB3	29039	34225	1.48%	0.213%
56	16.870	2409	2414	2420	rBV4	16680	27441	1.18%	0.171%
57	17.111	2449	2455	2460	rBV2	435264	588046	25.37%	3.660%
58	17.499	2516	2521	2529	rVB4	36687	59983	2.59%	0.373%
59	18.010	2603	2608	2613	rBV3	40227	56401	2.43%	0.351%
60	18.304	2653	2658	2662	rBV2	16904	23446	1.01%	0.146%
61	18.439	2677	2681	2686	rVB4	26996	31443	1.36%	0.196%
62	19.743	2897	2903	2911	rVB	1981274	2317659	100.00%	14.423%
63	20.771	3074	3078	3085	rVB2	55480	73848	3.19%	0.460%
64	21.006	3114	3118	3124	rBV	112626	137665	5.94%	0.857%
65	21.212	3149	3153	3157	rBV2	28390	37110	1.60%	0.231%
66	21.294	3161	3167	3174	rVV	573212	692253	29.87%	4.308%
67	21.441	3189	3192	3196	rBV5	21585	25323	1.09%	0.158%
68	21.876	3263	3266	3271	rBV6	18512	30872	1.33%	0.192%
69	22.481	3364	3369	3374	rBV	68245	106465	4.59%	0.663%
70	22.857	3431	3433	3438	rBV6	14269	24538	1.06%	0.153%
71	23.556	3545	3552	3560	rVB2	350978	656734	28.34%	4.087%

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Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

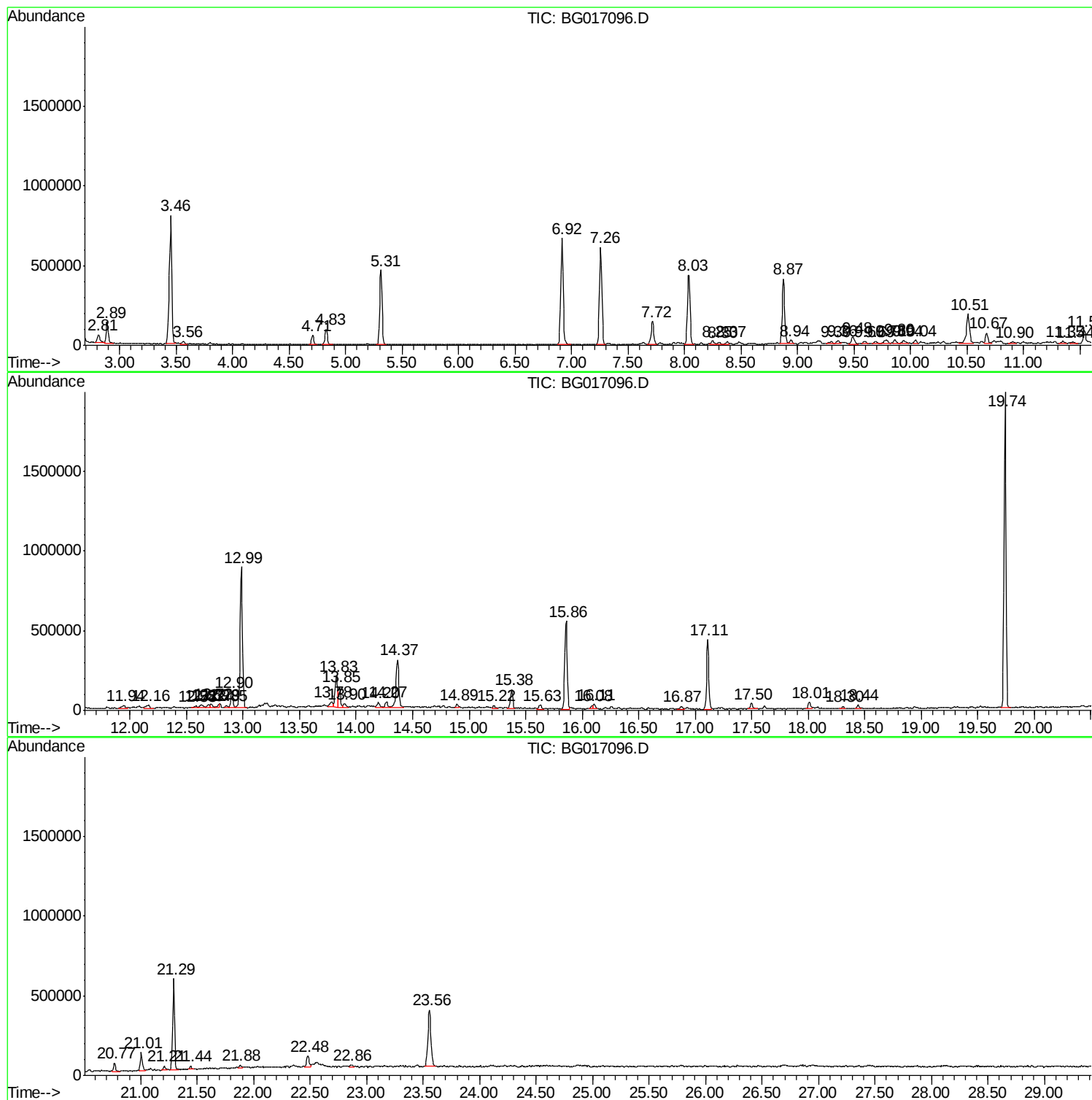
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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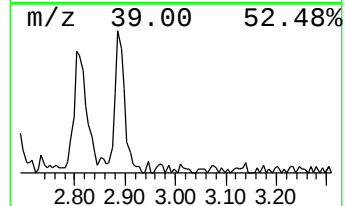
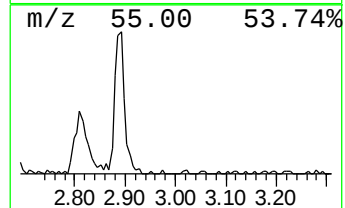
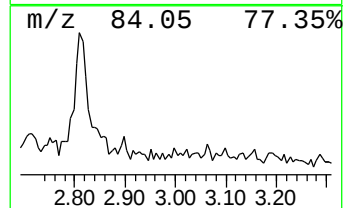
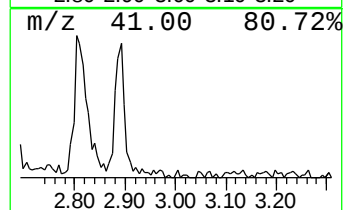
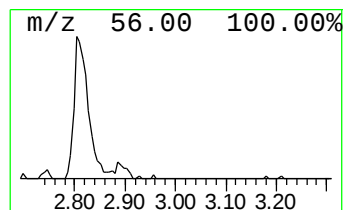
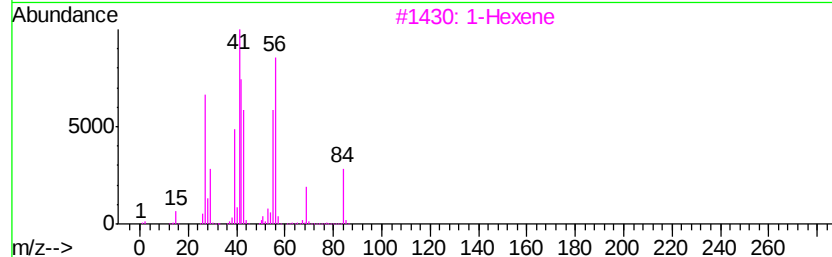
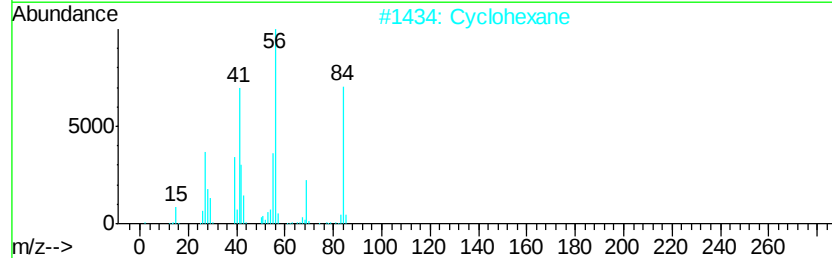
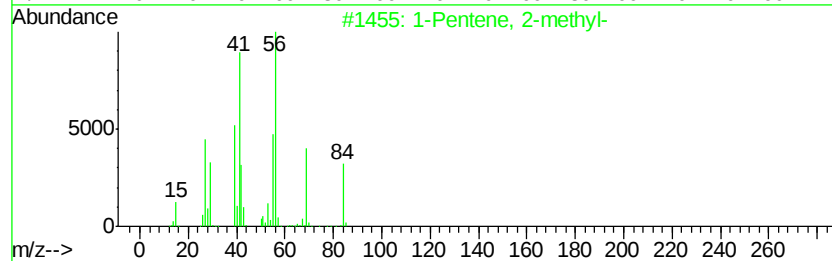
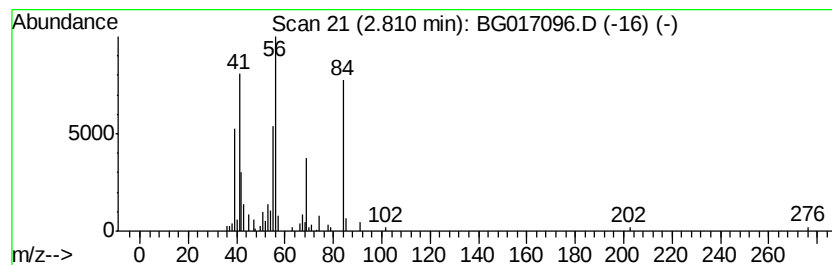
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	7.53 ng	91568	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2			Cyclohexane	84	C6H12	000110-82-7	64
3			1-Hexene	84	C6H12	000592-41-6	53
4			Cyclopentanone	84	C5H8O	000120-92-3	43
5			2-Hexene	84	C6H12	000592-43-8	38



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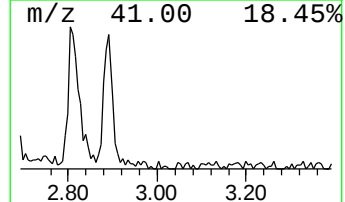
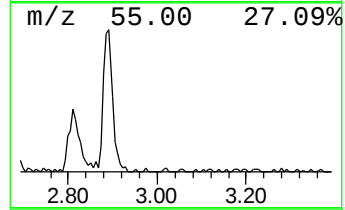
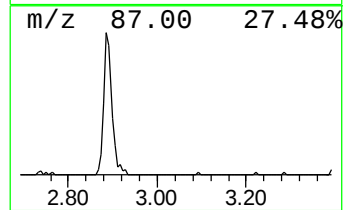
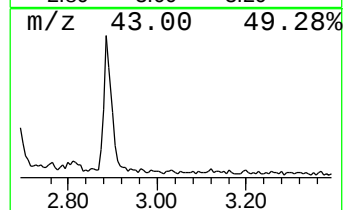
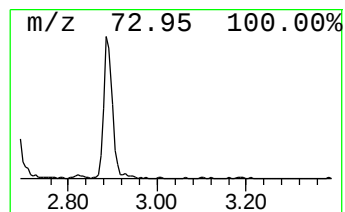
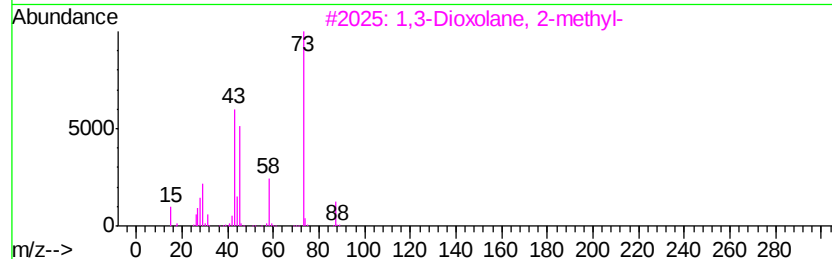
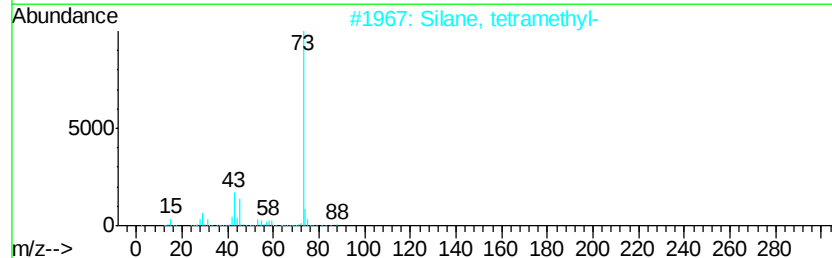
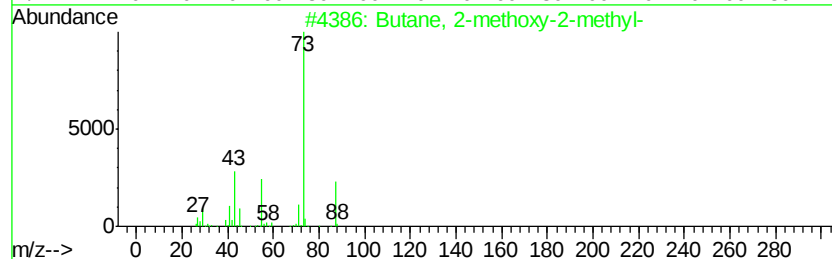
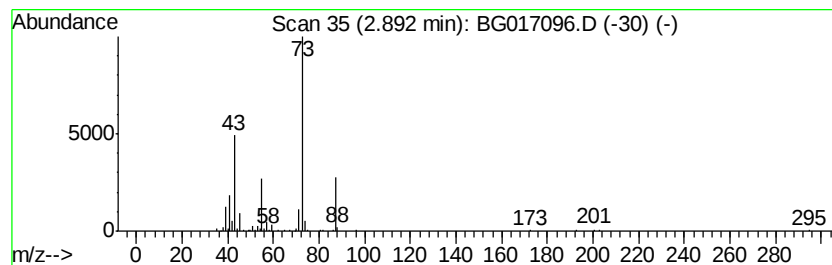
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown2.89 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	13.91 ng	169177	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	14
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			Acetic acid, (acetyloxy)-	118	C4H6O4	013831-30-6	9
5			3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	9



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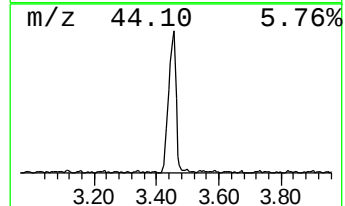
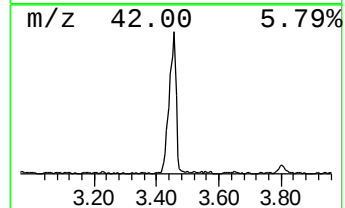
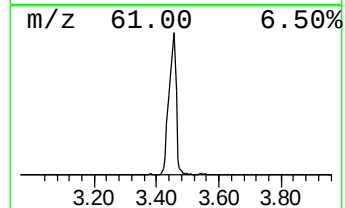
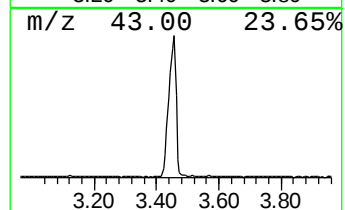
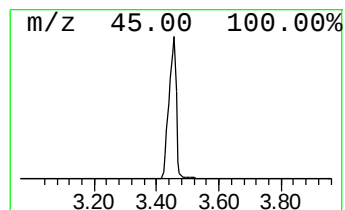
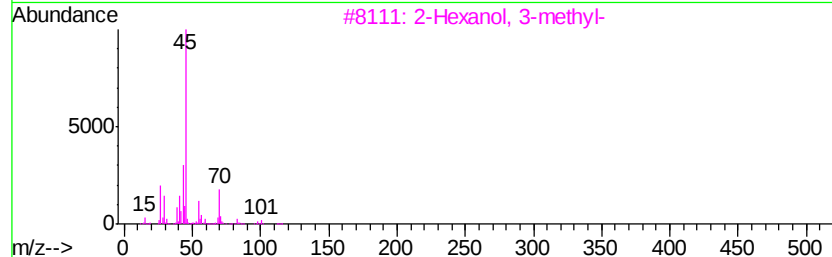
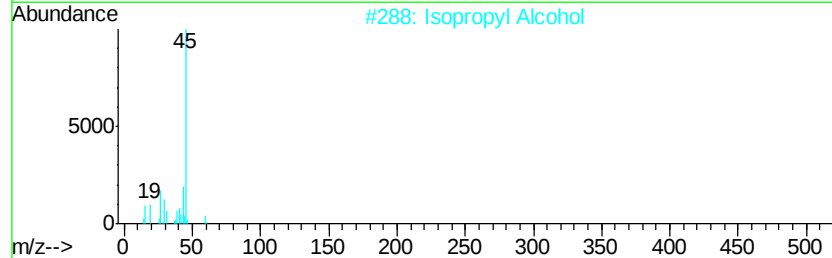
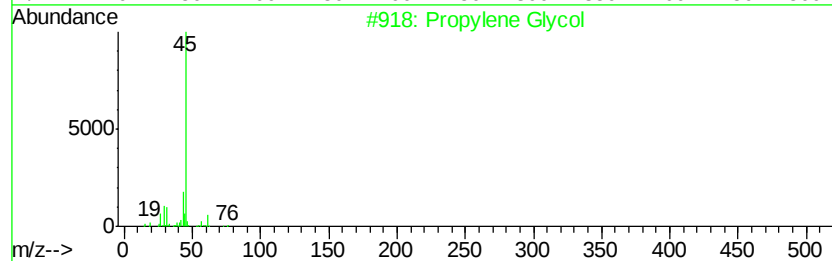
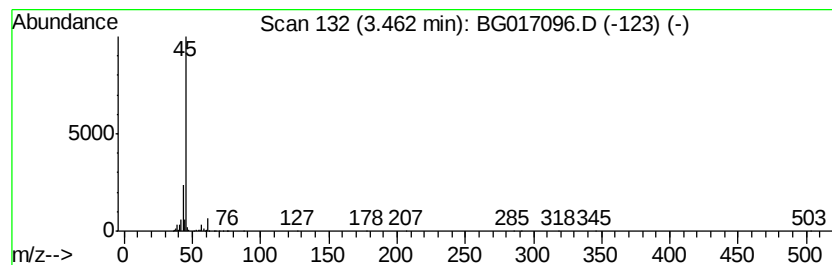
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Propylene Glycol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.46	104.01 ng	1265120	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	78
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3		2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	40
4		3-Ethyl-2-pentanol	116	C7H16O	000609-27-8	40
5		2-Butanol, (./-.)-	74	C4H10O	015892-23-6	9



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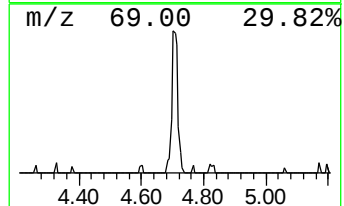
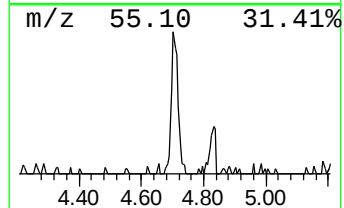
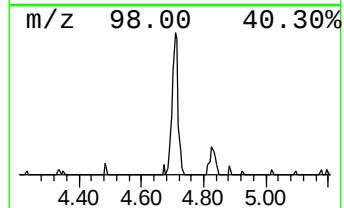
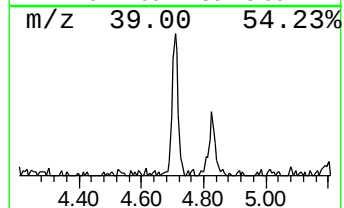
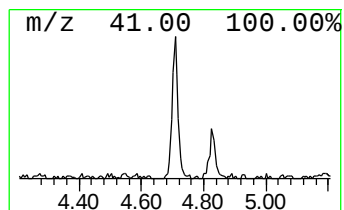
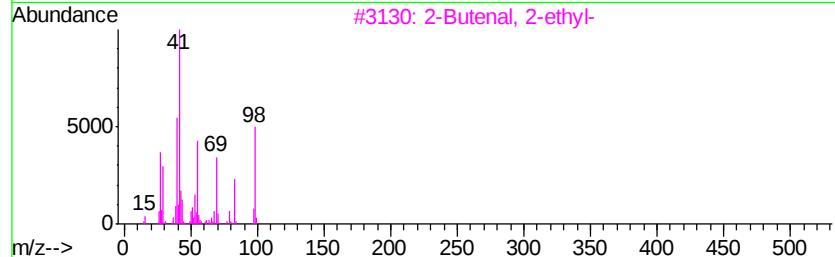
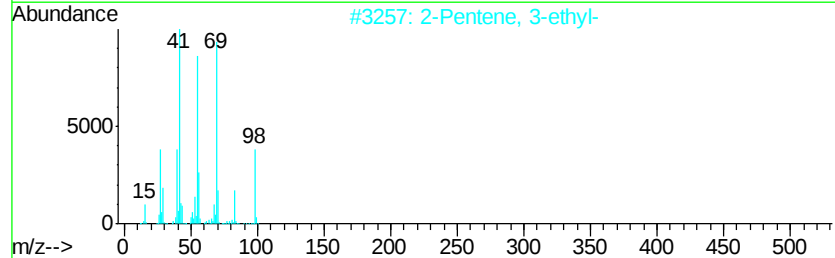
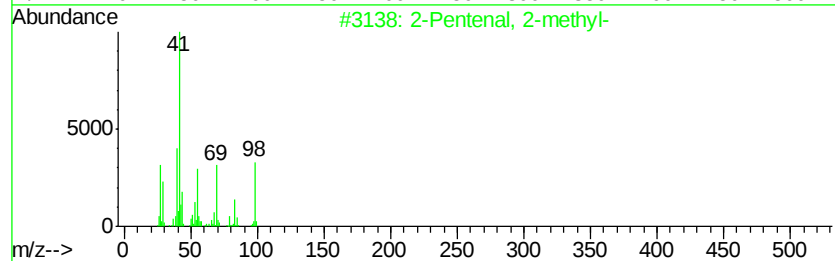
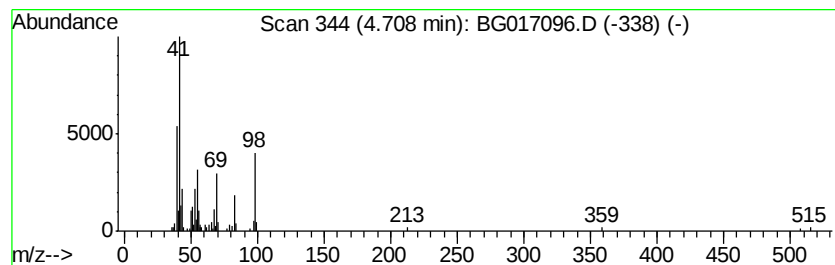
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentenal, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	6.57 ng	79896	1,4-Dichlorobenzene-d4	7.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	72
2			2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	72
3			2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	64
4			3-Methyl-3-hexene	98	C7H14	003404-65-7	64
5			3-Buten-1-ol, 3-methyl-2-methylene-	98	C6H10O	026431-13-0	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
TU021-SB-17-2.5

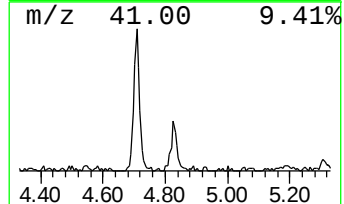
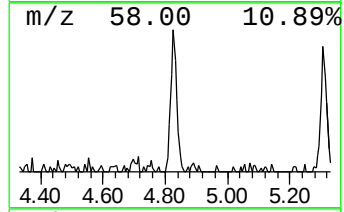
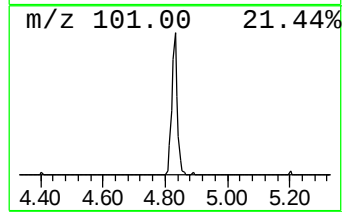
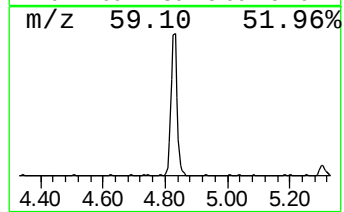
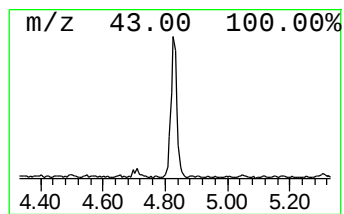
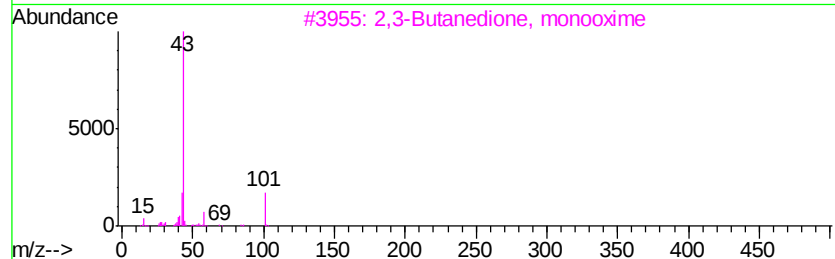
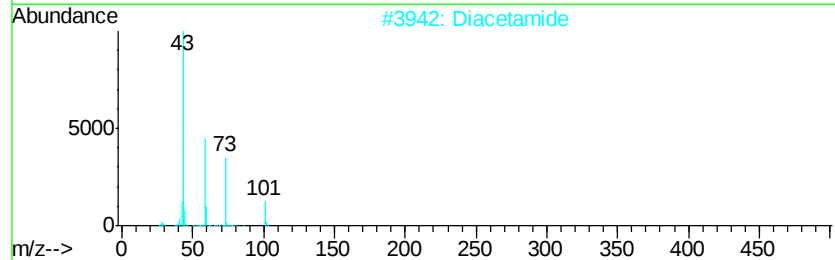
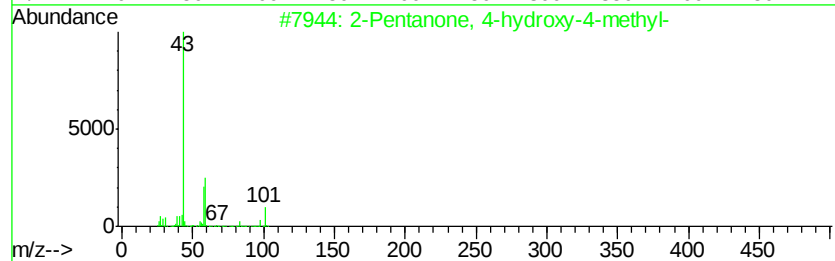
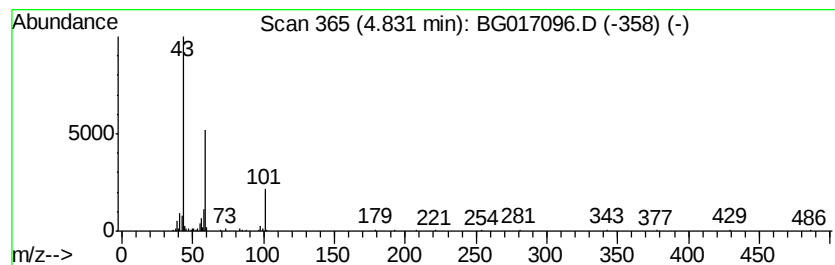
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	11.34 ng	137897	1,4-Dichlorobenzene-d4	7.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53	
2	Diacetamide	101	C4H7NO2	000625-77-4	36	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9	
5	Propylamine	59	C3H9N	000107-10-8	9	



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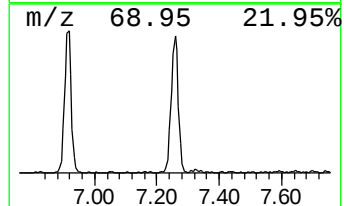
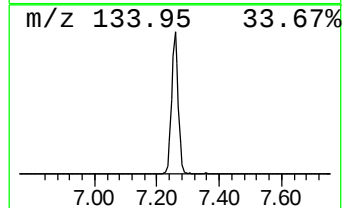
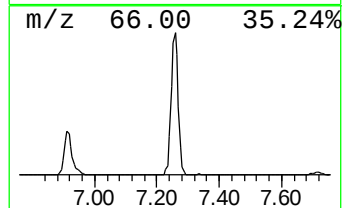
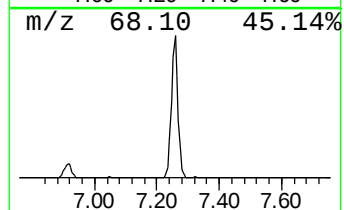
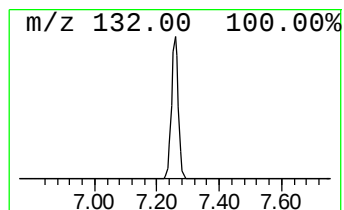
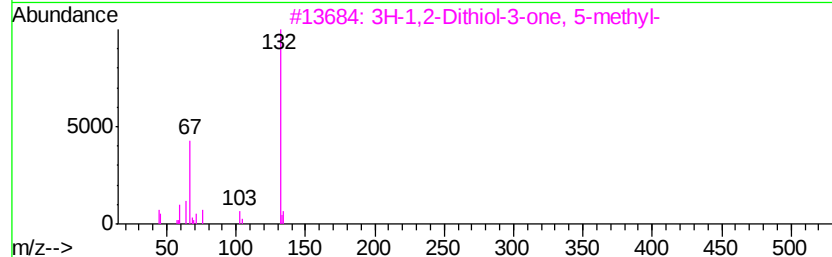
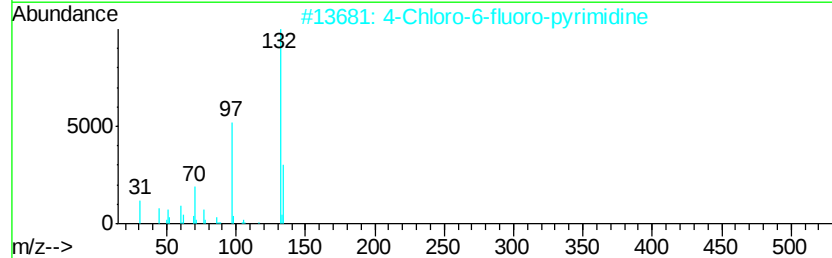
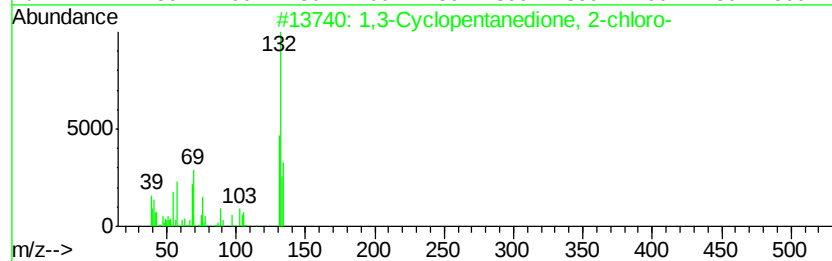
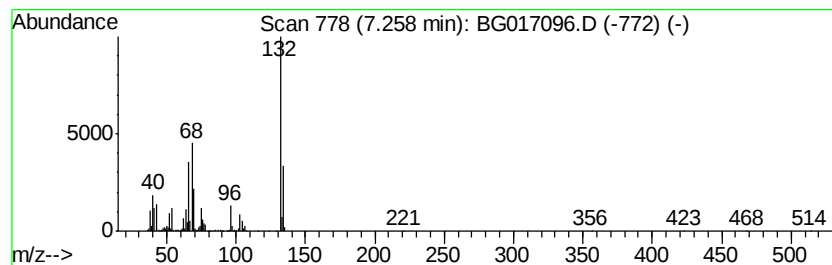
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	76.69 ng	932844	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16



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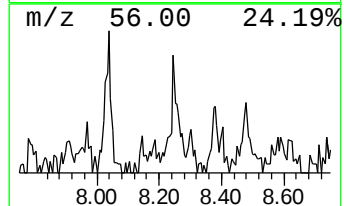
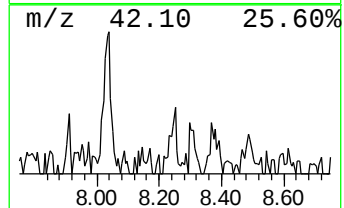
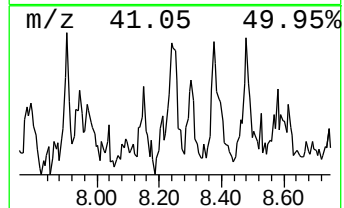
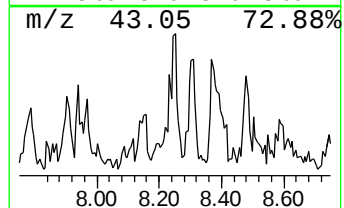
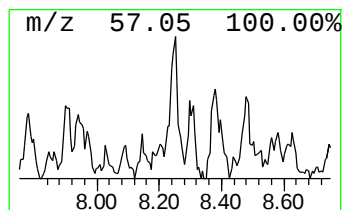
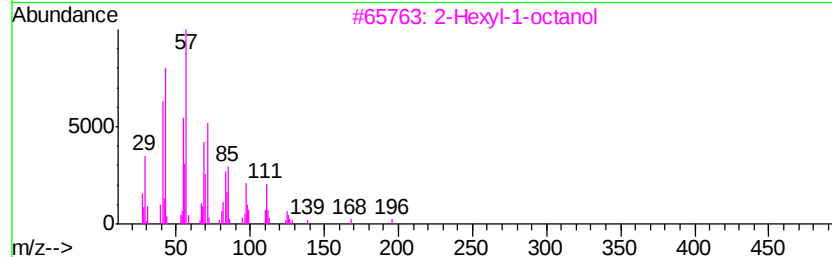
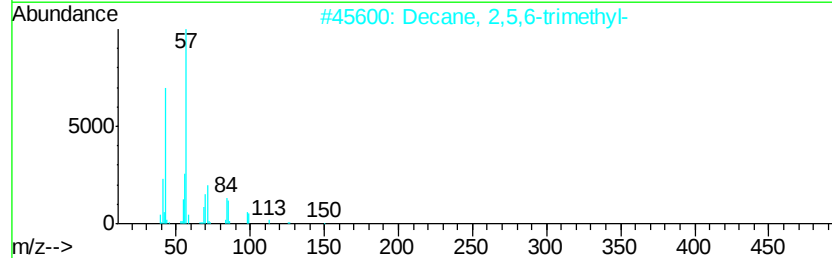
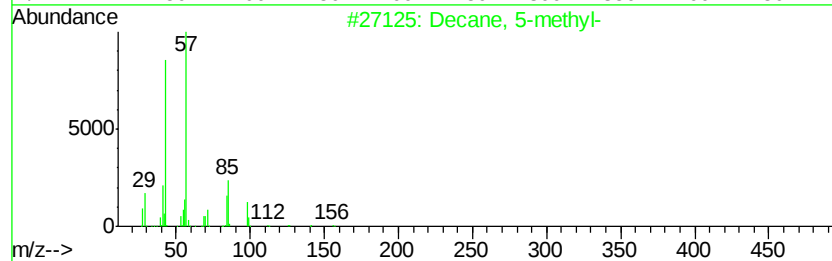
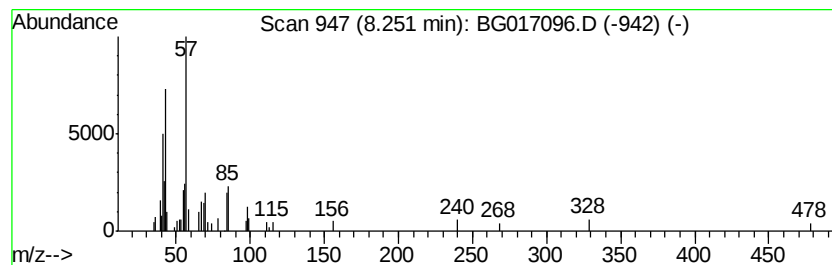
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.25 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	2.75 ng	33508	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	43
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38
3		2-Hexyl-1-octanol	214	C14H30O	019780-79-1	38
4		Decane	142	C10H22	000124-18-5	38
5		7-n-Pentadecylaminomethyl-6-hydr...	414	C25H38N2O3	1000252-62-9	37



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
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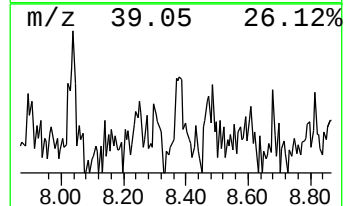
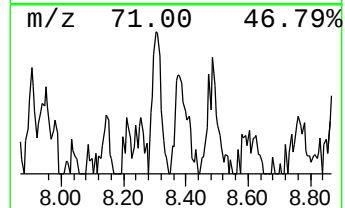
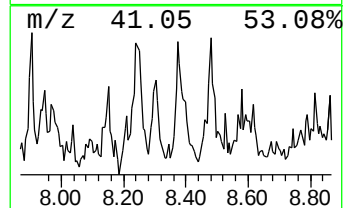
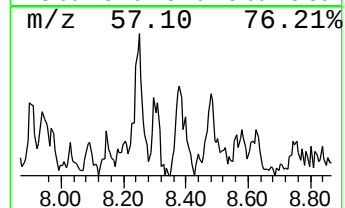
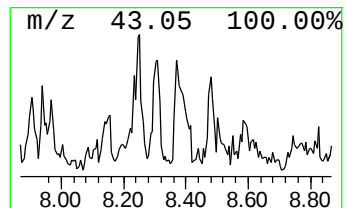
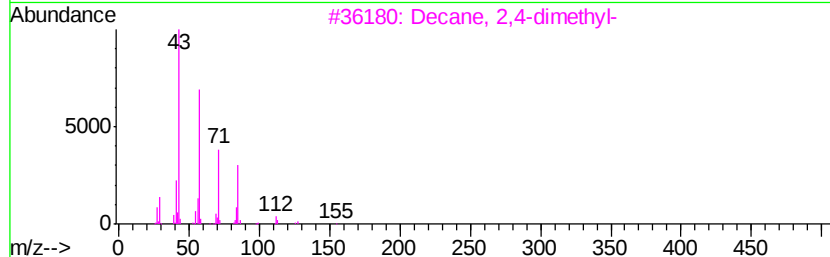
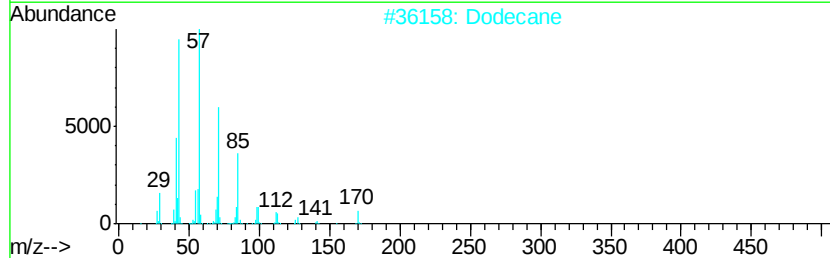
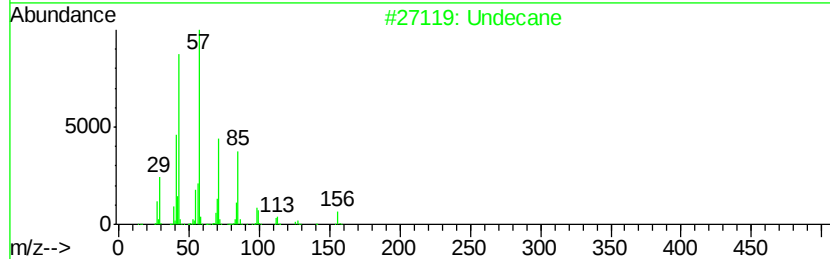
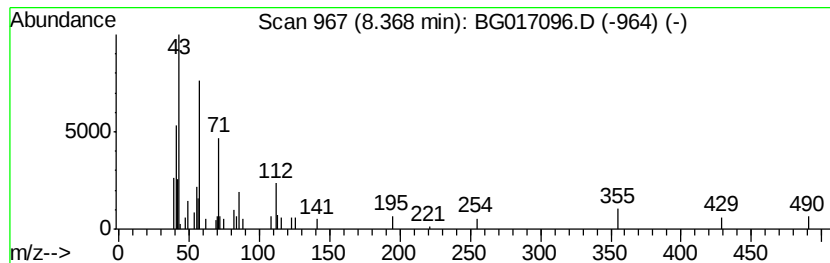
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	2.83 ng	34435	1,4-Dichlorobenzene-d4	7.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	50
2		Dodecane	170	C12H26	000112-40-3	47
3		Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	47
4		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	47
5		Tridecane	184	C13H28	000629-50-5	47



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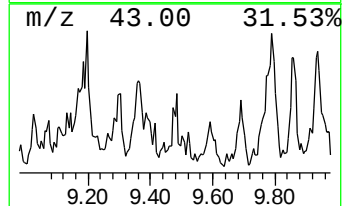
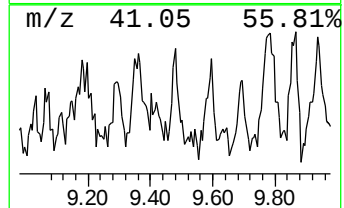
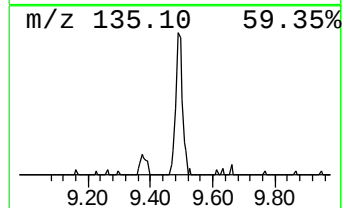
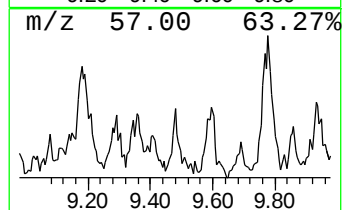
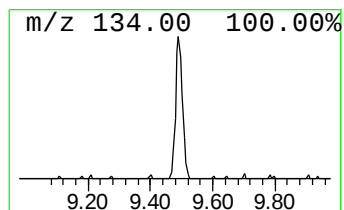
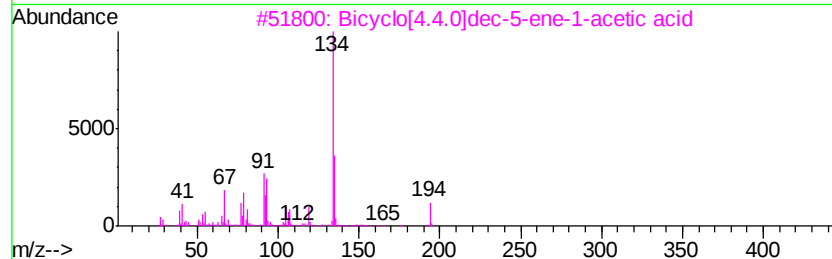
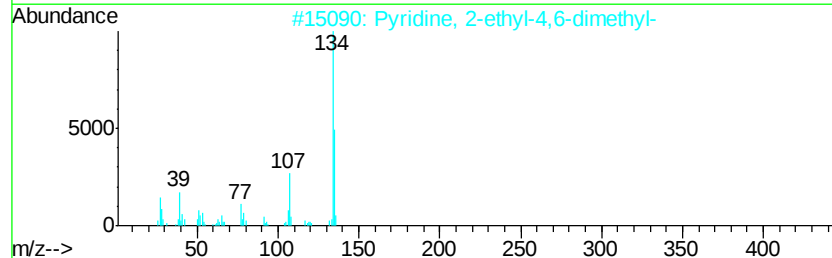
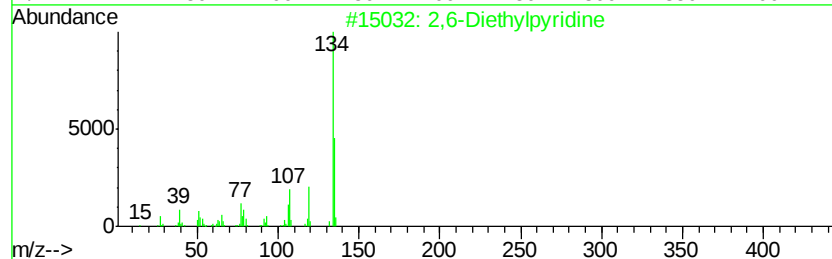
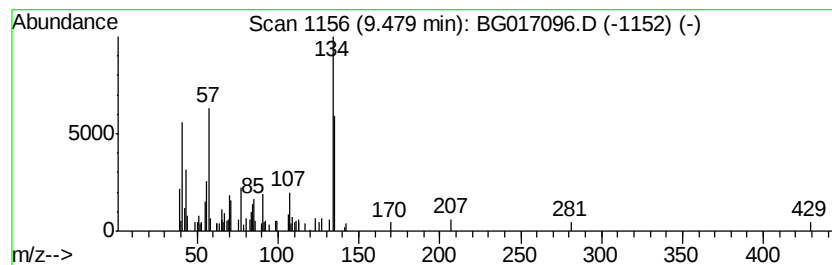
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 2,6-Diethylpyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.86 ng	85460	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Diethylpyridine	135	C9H13N	000935-28-4	87
2			Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	74
3			Bicyclo[4.4.0]dec-5-ene-1-acetic...	194	C12H18O2	100520-34-1	72
4			2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	72
5			3,5-Dimethyl-4-propyl-1H-pyrrole...	209	C12H19NO2	004758-64-9	56



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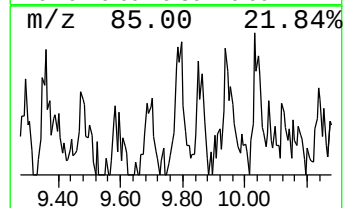
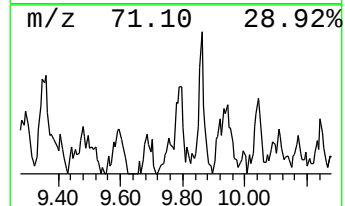
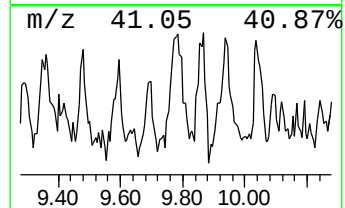
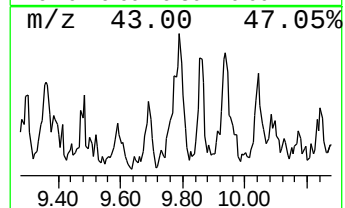
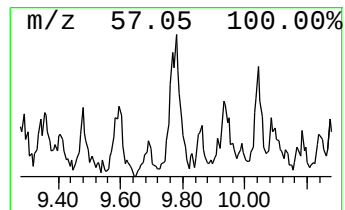
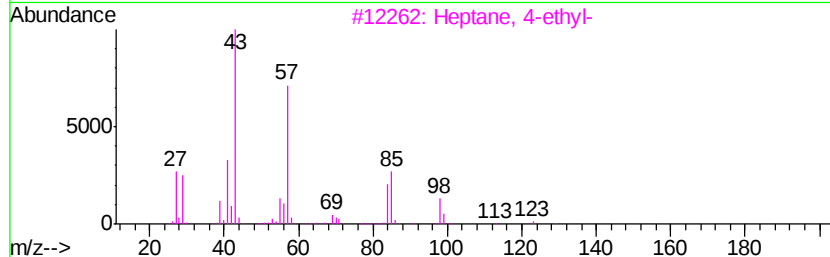
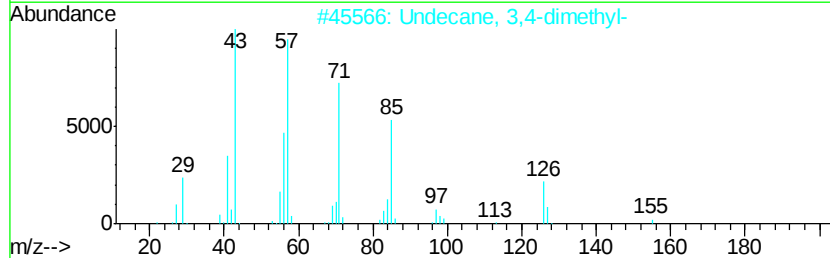
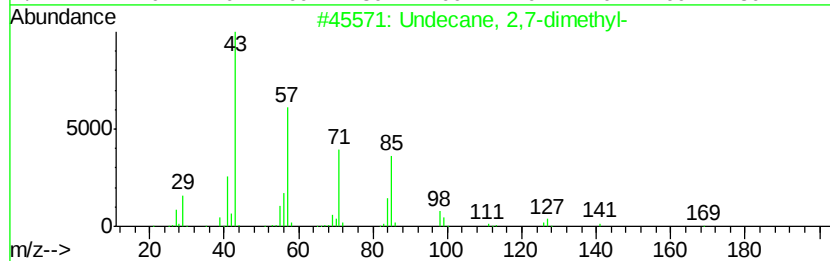
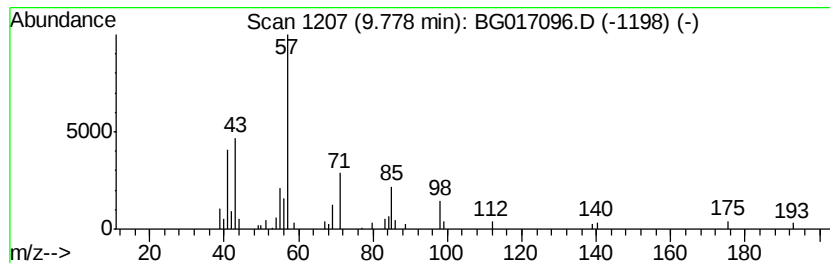
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown9.78 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	3.26 ng	57338	Napthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	38
2		Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	35
3		Heptane, 4-ethyl-	128	C9H20	002216-32-2	35
4		Decane, 5-methyl-	156	C11H24	013151-35-4	35
5		Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	27



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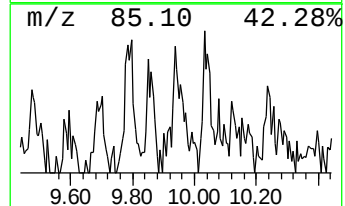
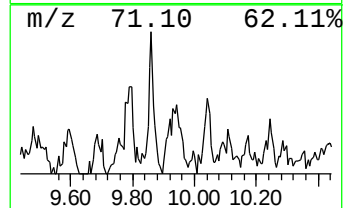
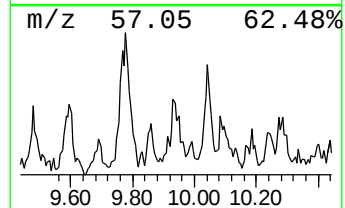
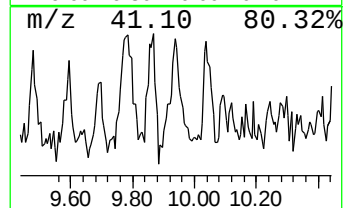
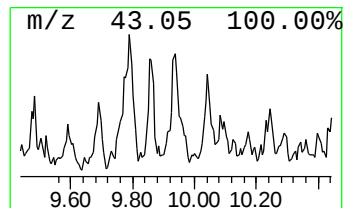
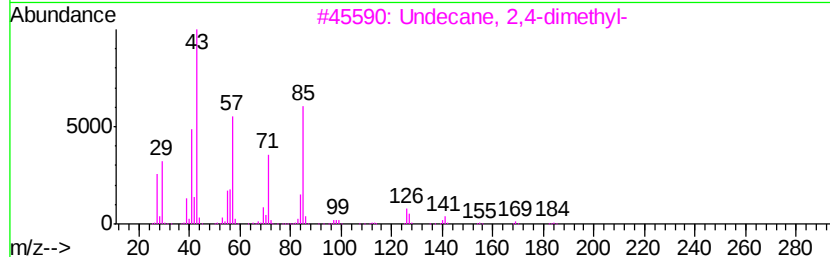
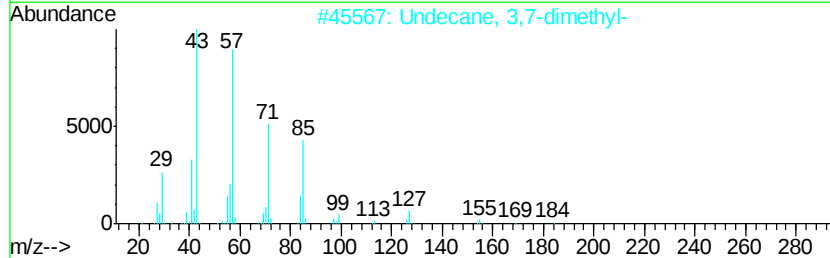
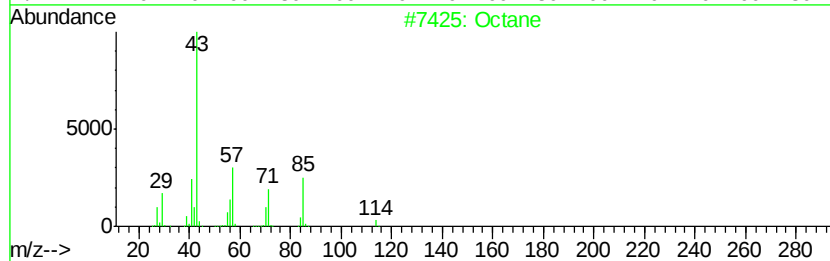
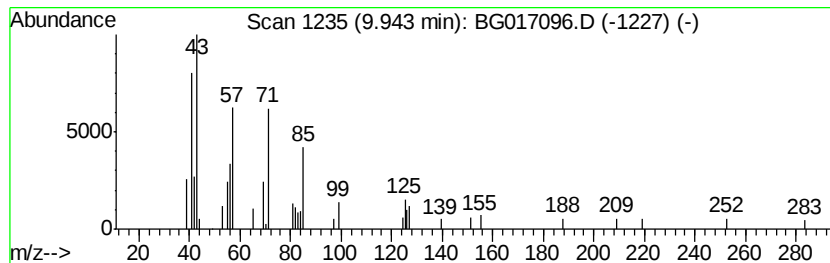
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.94	2.54 ng	44722	Naphthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane	114	C8H18	000111-65-9	59
2		Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	59
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	50
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

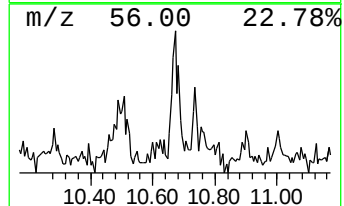
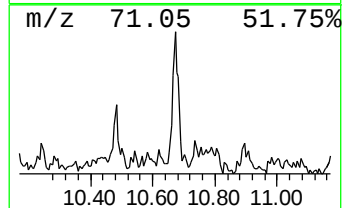
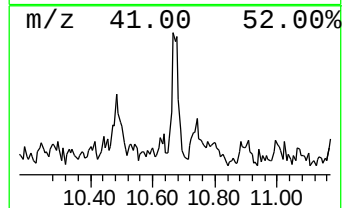
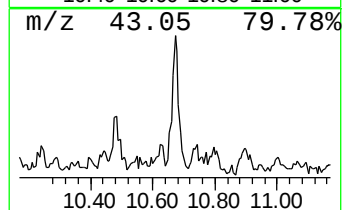
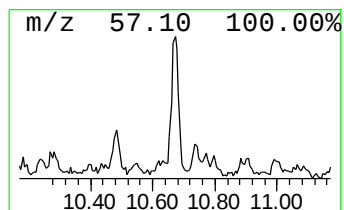
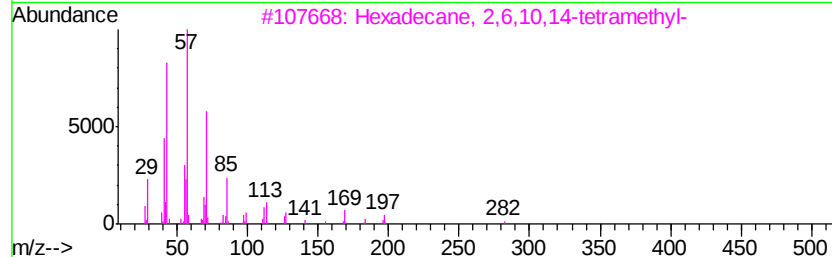
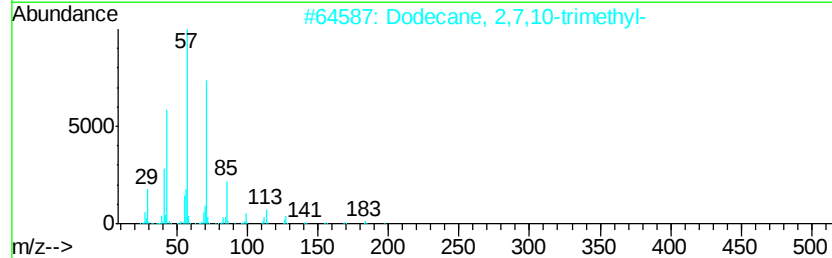
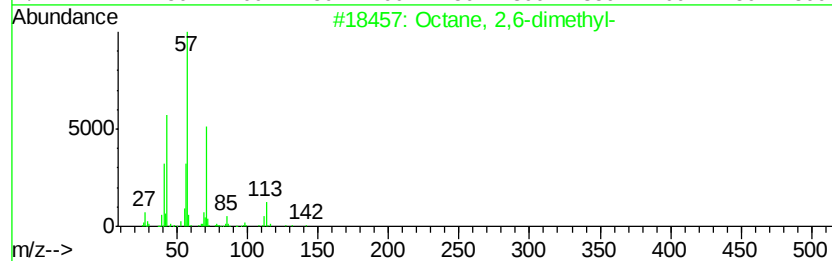
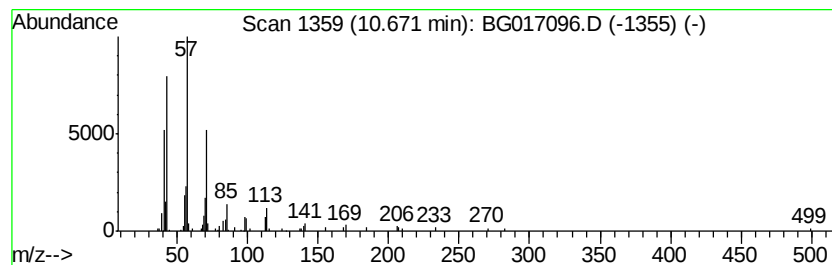
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	5.68 ng	99759	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
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Misc :
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ClientSampleId :
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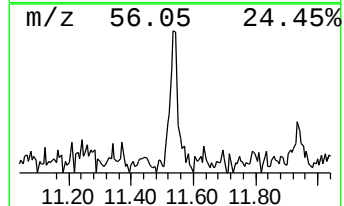
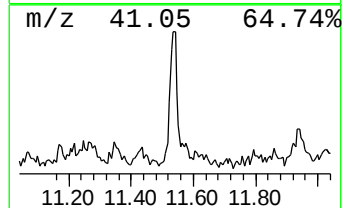
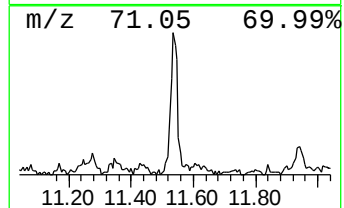
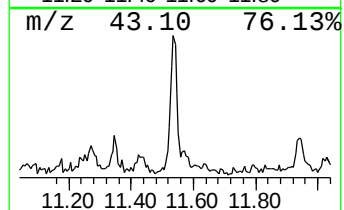
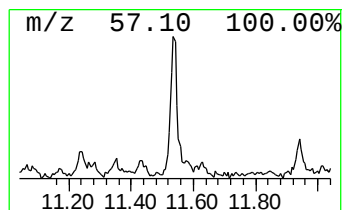
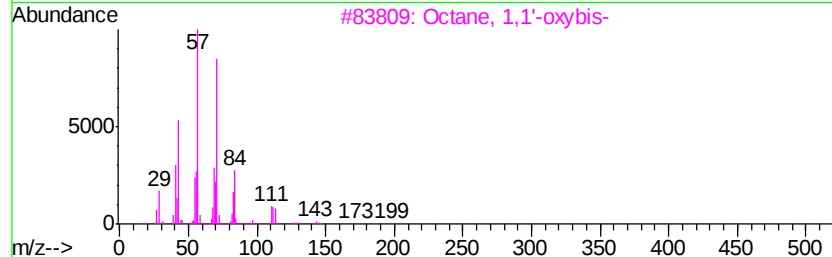
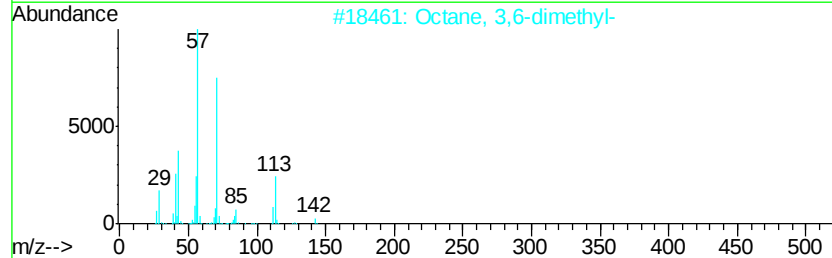
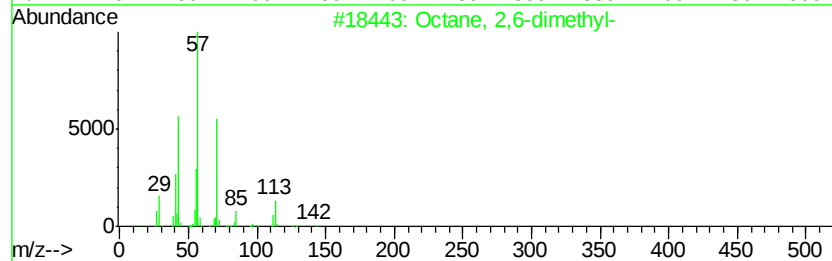
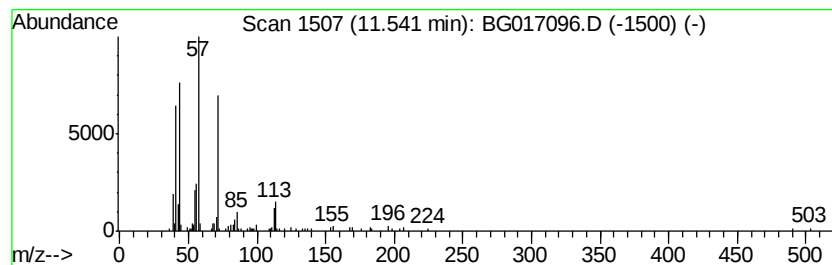
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	8.75 ng	153795	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4			Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
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Misc :
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ClientSampleId :
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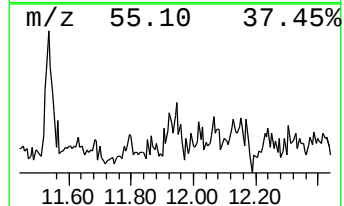
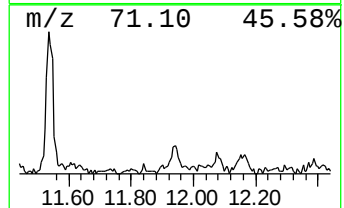
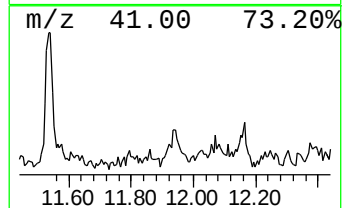
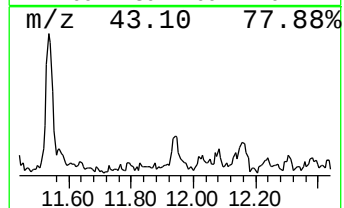
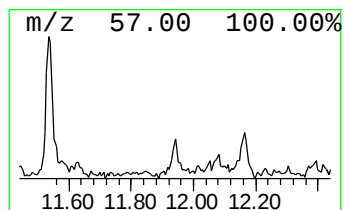
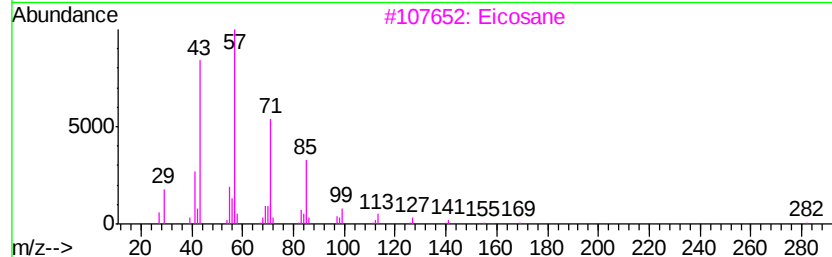
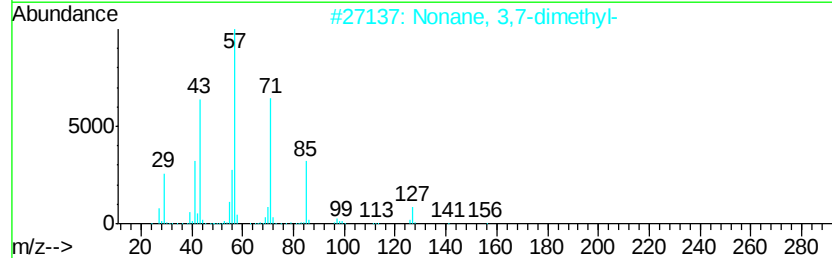
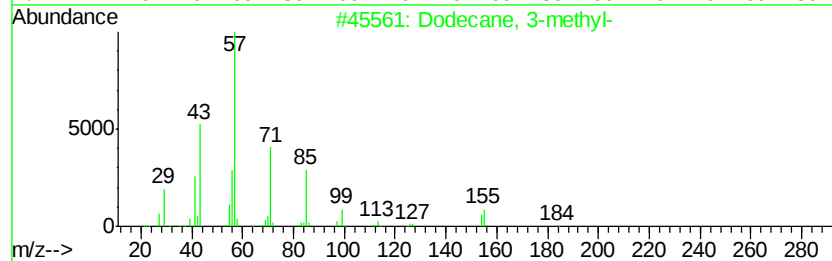
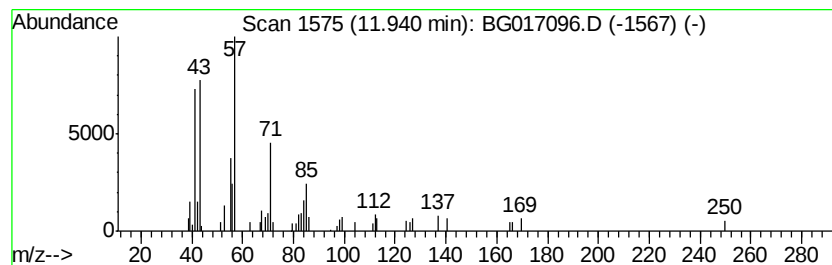
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.79 ng	49025	Napthalene-d8	10.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3		Eicosane	282	C20H42	000112-95-8	53
4		Undecane	156	C11H24	001120-21-4	53
5		Dodecane	170	C12H26	000112-40-3	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
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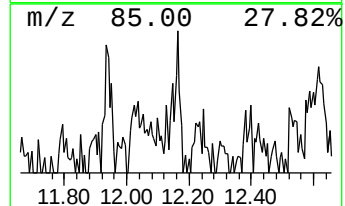
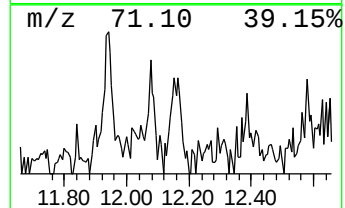
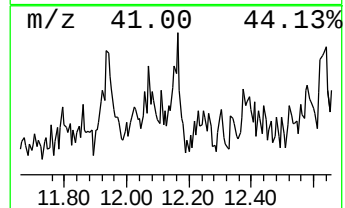
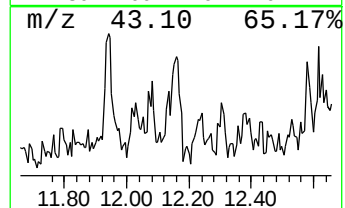
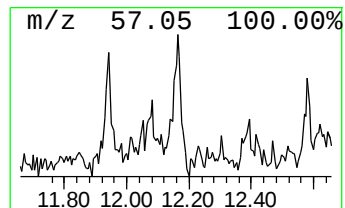
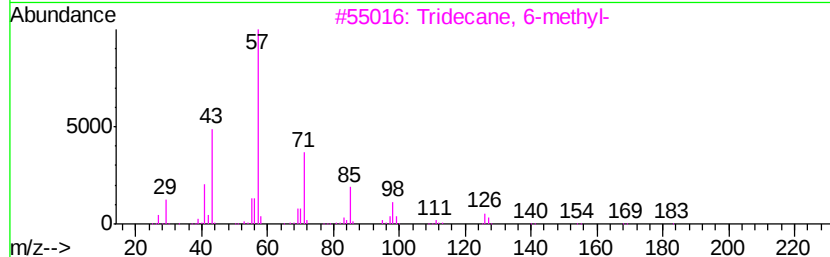
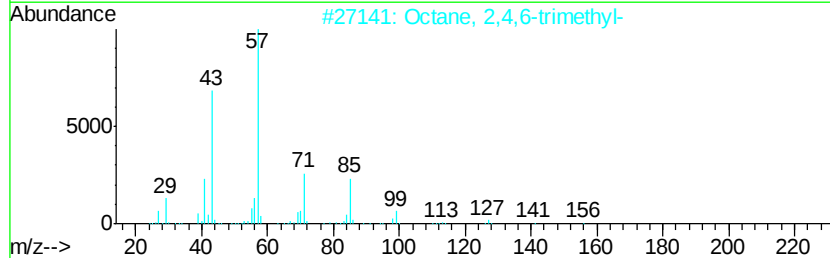
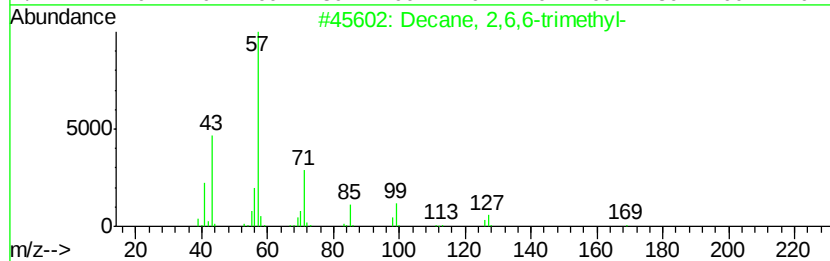
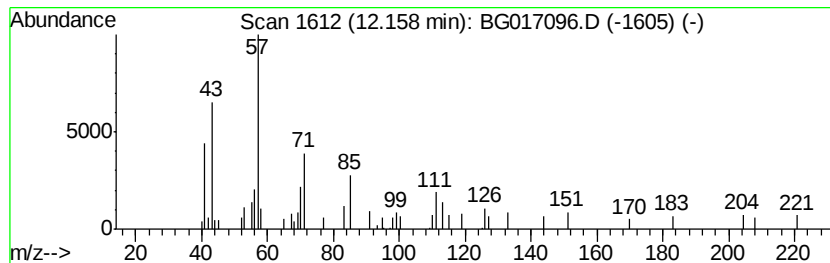
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown12.16 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	3.32 ng	58377	Naphthalene-d8	10.51

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	47
2			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	47
3			Tridecane, 6-methyl-	198	C14H30	013287-21-3	38
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
Operator : TP/IZ
Sample : G2194-06
Misc :
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ClientSampleId :
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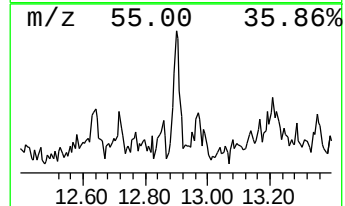
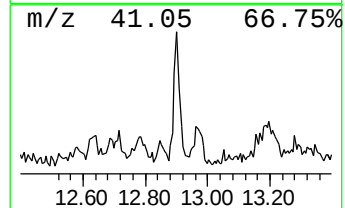
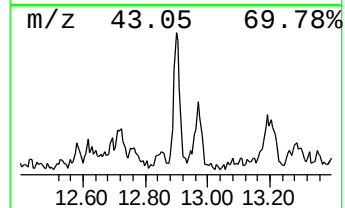
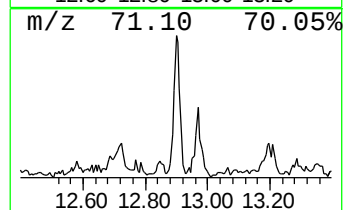
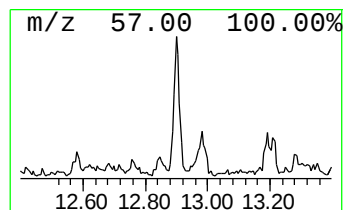
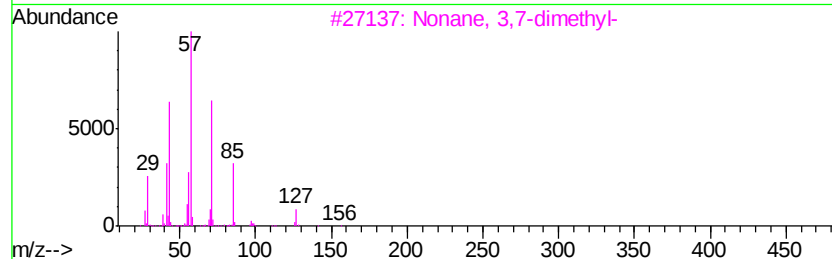
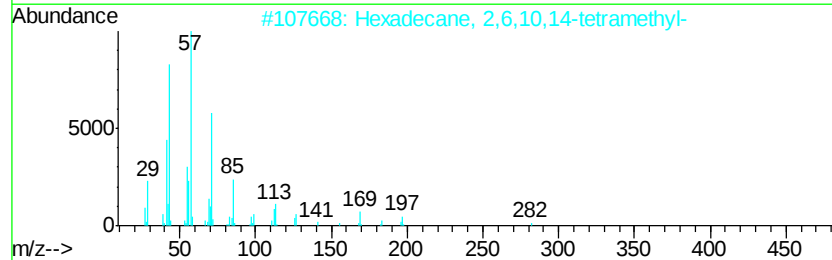
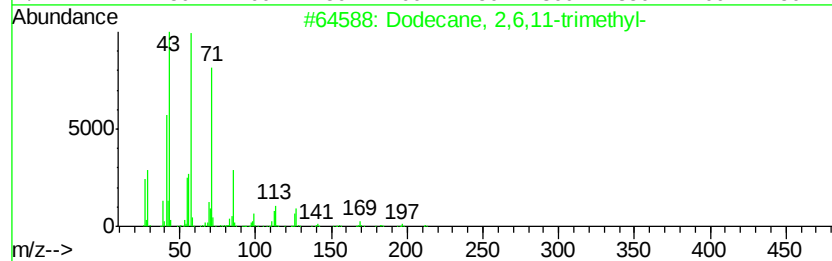
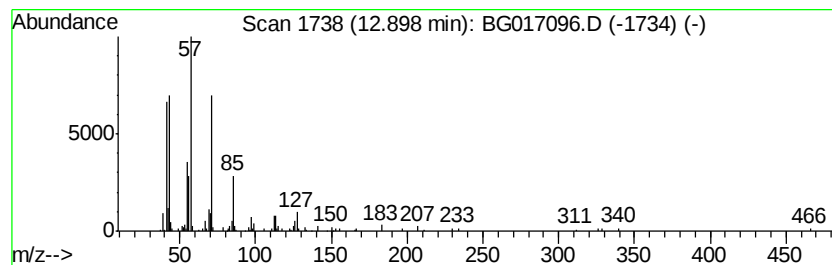
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	5.53 ng	136638	Acenaphthene-d10	14.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
4			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
5			Eicosane, 2-methyl-	296	C21H44	001560-84-5	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
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Acq On : 12 May 2015 22:56
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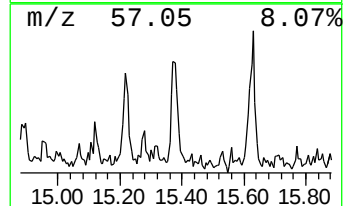
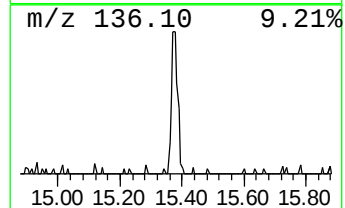
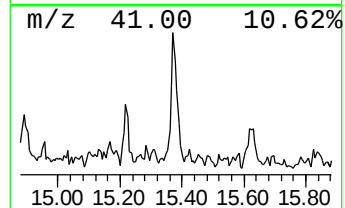
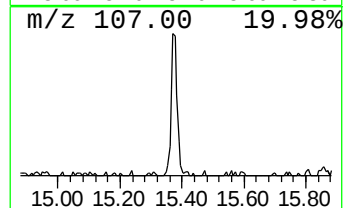
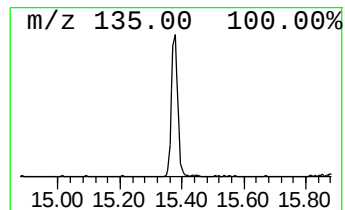
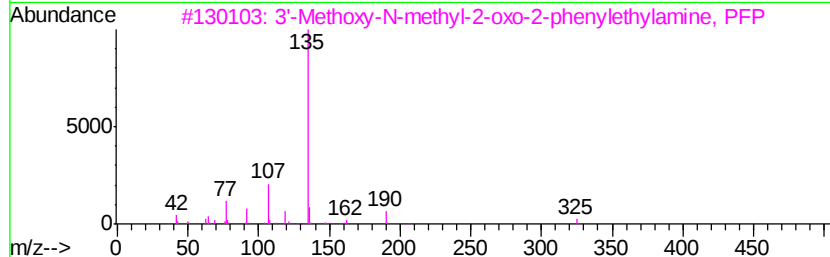
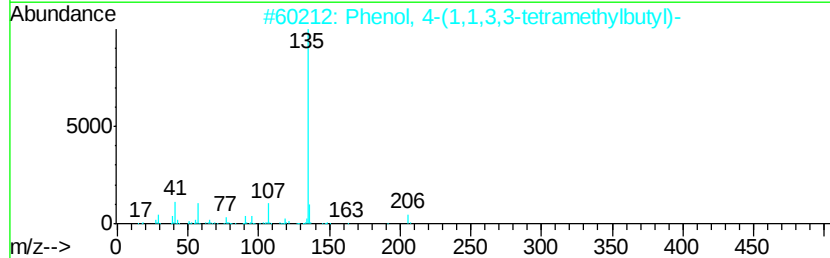
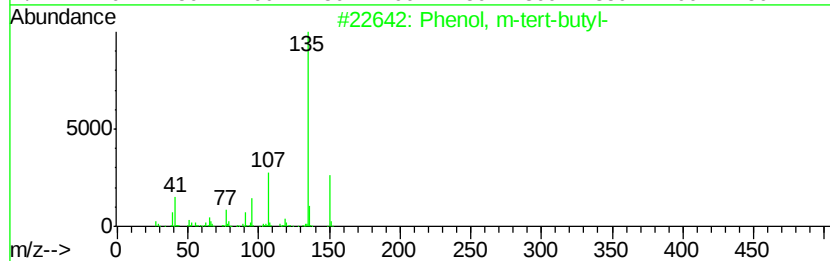
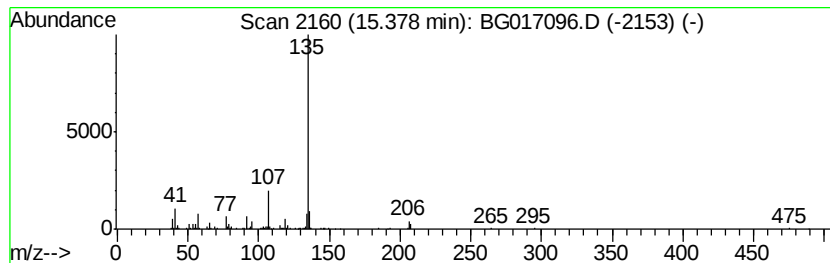
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenol, m-tert-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	6.78 ng	167490	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	78
2		Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
3		3'-Methoxy-N-methyl-2-oxo-2-phen...	325	C13H12FN3	1000099-92-9	64
4		Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	64
5		Acetophenone, 4'-methoxy-	150	C9H10O2	000100-06-1	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

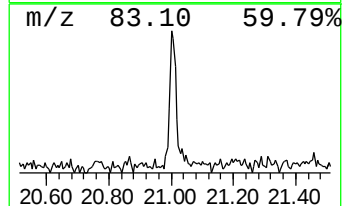
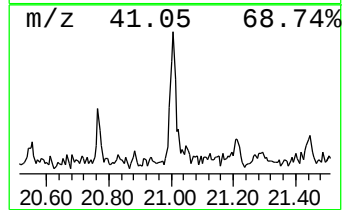
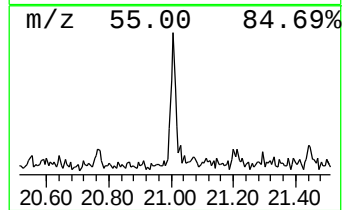
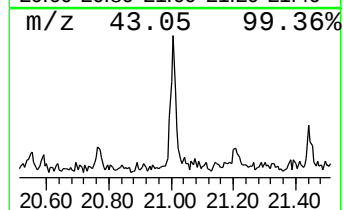
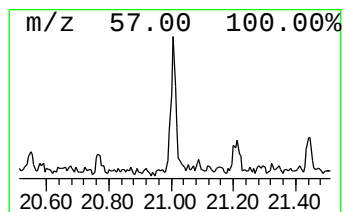
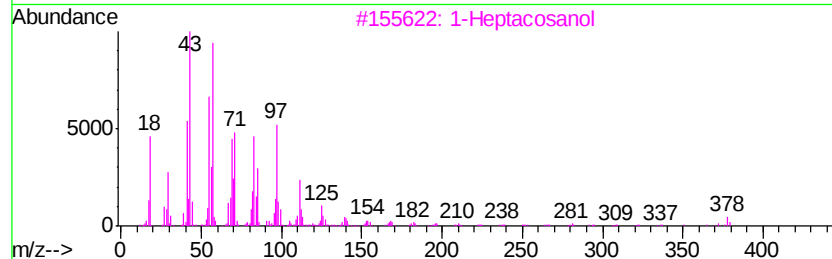
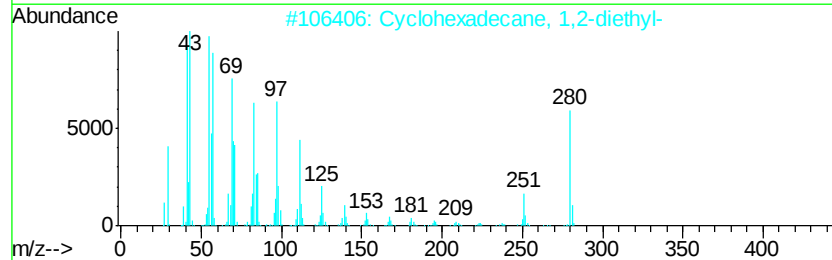
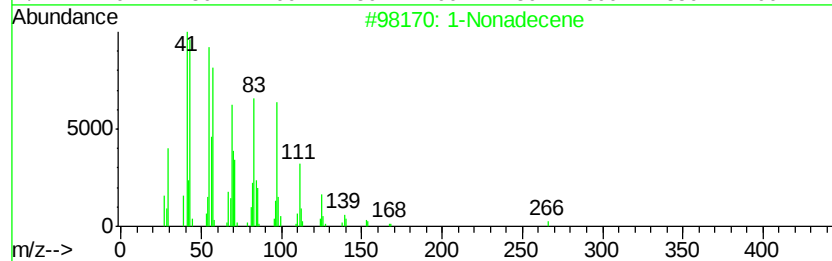
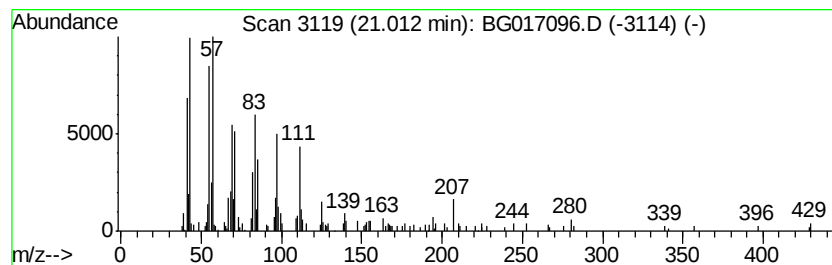
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Nonadecene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.98 ng	137665	Chrysene-d12	21.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	95
2			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
3			1-Heptacosanol	396	C27H56O	002004-39-9	87
4			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5			Z-5-Nonadecene	266	C19H38	1000131-11-8	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017096.D
Acq On : 12 May 2015 22:56
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

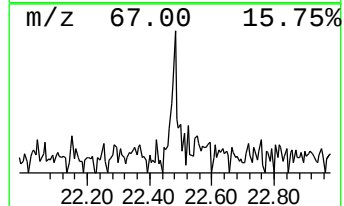
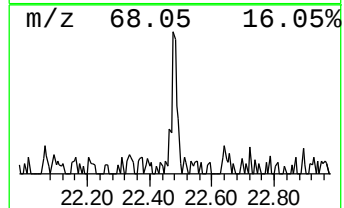
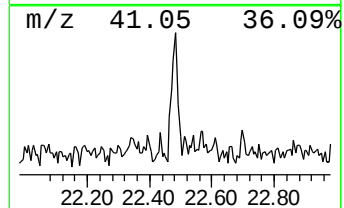
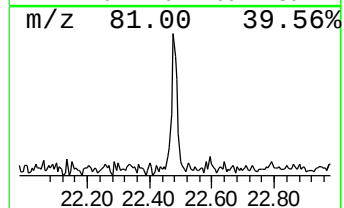
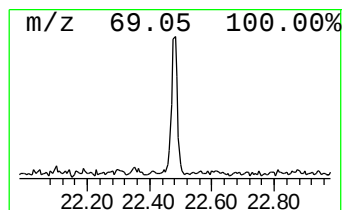
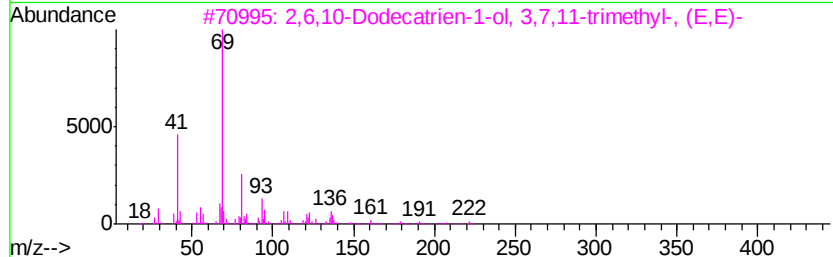
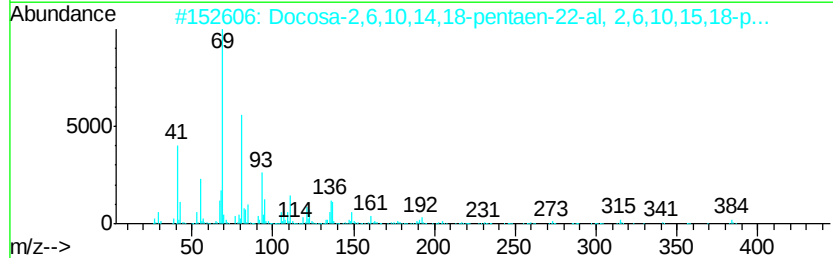
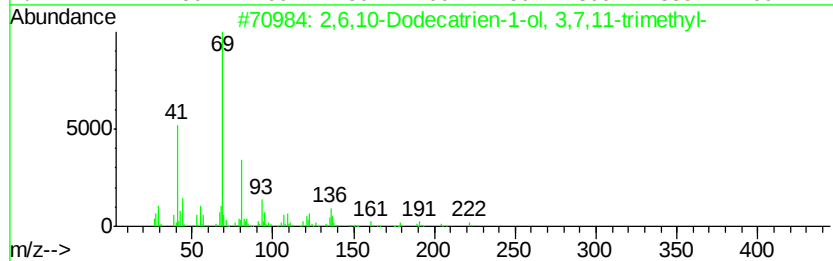
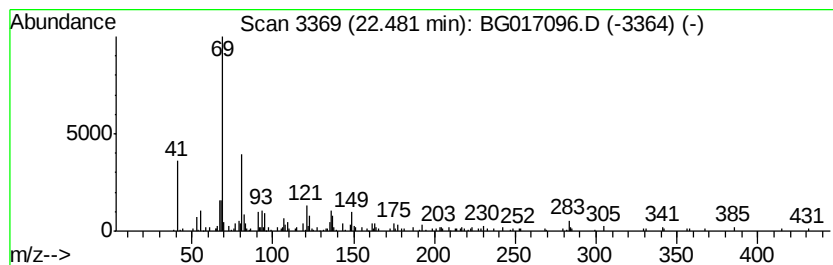
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.24 ng	106465	Perylene-d12	23.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	81		
2	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80		
3	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	76		
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72		
5	2H-1-Benzopyran-2-one, 7-[(3,7-d...	298	C19H22O3	000495-02-3	64		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051215\
 Data File : BG017096.D
 Acq On : 12 May 2015 22:56
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TU021-SB-17-2.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
1-Pentene, 2-methyl-	2.81	7.5	ng	91568	1	7.72	243278	20.0
unknown2.89	2.89	13.9	ng	169177	1	7.72	243278	20.0
Propylene Glycol	3.46	104.0	ng	1265120	1	7.72	243278	20.0
2-Pentenal, 2-met...	4.71	6.6	ng	79896	1	7.72	243278	20.0
2-Pentanone, 4-hy...	4.83	11.3	ng	137897	1	7.72	243278	20.0
unknown7.26	7.26	76.7	ng	932844	1	7.72	243278	20.0
unknown8.25	8.25	2.8	ng	33508	1	7.72	243278	20.0
Undecane	8.37	2.8	ng	34435	1	7.72	243278	20.0
2,6-Diethylpyridine	9.48	4.9	ng	85460	2	10.51	351491	20.0
unknown9.78	9.78	3.3	ng	57338	2	10.51	351491	20.0
Octane	9.94	2.5	ng	44722	2	10.51	351491	20.0
Octane, 2,6-dimet...	10.67	5.7	ng	99759	2	10.51	351491	20.0
Octane, 3,6-dimet...	11.54	8.8	ng	153795	2	10.51	351491	20.0
Dodecane, 3-methyl-	11.94	2.8	ng	49025	2	10.51	351491	20.0
unknown12.16	12.16	3.3	ng	58377	2	10.51	351491	20.0
Dodecane, 2,6,11-...	12.90	5.5	ng	136638	3	14.37	494391	20.0
Phenol, m-tert-bu...	15.38	6.8	ng	167490	3	14.37	494391	20.0
1-Nonadecene	21.01	4.0	ng	137665	5	21.29	692253	20.0
2,6,10-Dodecatric...	22.48	3.2	ng	106465	6	23.56	656734	20.0