

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017114.D
 Acq On : 13 May 2015 19:12
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 15 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-BG051315.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	2.796	13	18	24	rBV3	75806	134220	4.64%	0.596%
2	2.878	27	32	37	rVB	181706	215678	7.46%	0.957%
3	3.442	121	128	142	rBV	1128483	1957766	67.69%	8.687%
4	3.548	143	146	152	rVB4	24379	33144	1.15%	0.147%
5	4.699	336	342	347	rVB	82522	114557	3.96%	0.508%
6	4.817	356	362	370	rBV	146214	203377	7.03%	0.902%
7	5.305	438	445	454	rBV	630049	924405	31.96%	4.102%
8	6.909	711	718	729	rBV	956214	1458204	50.42%	6.470%
9	7.249	765	776	783	rBV	850046	1294180	44.75%	5.743%
10	7.631	835	841	845	rVV4	18327	30081	1.04%	0.133%
11	7.708	846	854	861	rVB	198816	331332	11.46%	1.470%
12	7.778	861	866	871	rVB3	16295	29663	1.03%	0.132%
13	7.902	882	887	889	rBV3	19432	30174	1.04%	0.134%
14	8.031	902	909	916	rVB	575150	922075	31.88%	4.091%
15	8.236	938	944	950	rBV4	28927	51481	1.78%	0.228%
16	8.301	950	955	962	rVB3	21394	34998	1.21%	0.155%
17	8.366	962	966	975	rVB4	23393	52493	1.82%	0.233%
18	8.472	979	984	988	rBV4	22269	36516	1.26%	0.162%
19	8.871	1045	1052	1058	rBV	537783	878349	30.37%	3.897%
20	8.936	1058	1063	1067	rVB3	34046	49225	1.70%	0.218%
21	9.188	1100	1106	1114	rVB6	26568	63432	2.19%	0.281%
22	9.294	1117	1124	1128	rVB6	21234	46711	1.62%	0.207%
23	9.353	1128	1134	1140	rBV5	32119	78244	2.71%	0.347%
24	9.482	1150	1156	1163	rBV3	61160	105766	3.66%	0.469%
25	9.582	1168	1173	1179	rBV6	25338	50394	1.74%	0.224%
26	9.682	1185	1190	1196	rBV7	25942	41313	1.43%	0.183%
27	9.770	1198	1205	1206	rVV3	29336	50290	1.74%	0.223%
28	9.782	1206	1207	1213	rVV3	35329	39236	1.36%	0.174%
29	9.852	1215	1219	1224	rVV2	31613	51429	1.78%	0.228%
30	9.929	1226	1232	1240	rVB5	28315	68030	2.35%	0.302%
31	10.040	1246	1251	1255	rVB2	28820	43272	1.50%	0.192%
32	10.281	1288	1292	1297	rVB6	22091	34897	1.21%	0.155%
33	10.504	1320	1330	1340	rVB	260875	496728	17.18%	2.204%
34	10.669	1353	1358	1364	rVB	104798	157357	5.44%	0.698%

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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-BG051315.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.728	1364	1368	1372	rVV5	24726	44250	1.53%	0.196%
36	10.786	1376	1378	1385	rVB7	24248	40524	1.40%	0.180%
37	10.898	1391	1397	1404	rBV9	16383	39857	1.38%	0.177%
38	11.339	1466	1472	1479	rVB7	22769	41329	1.43%	0.183%
39	11.533	1499	1505	1510	rBV	132381	208773	7.22%	0.926%
40	11.938	1567	1574	1580	rBV7	35412	71986	2.49%	0.319%
41	12.155	1608	1611	1618	rVB3	31618	53794	1.86%	0.239%
42	12.573	1678	1682	1686	rBV4	20802	33498	1.16%	0.149%
43	12.637	1686	1693	1698	rVV6	27452	71373	2.47%	0.317%
44	12.690	1698	1702	1703	rVV3	30506	41438	1.43%	0.184%
45	12.714	1703	1706	1710	rVV3	36750	58078	2.01%	0.258%
46	12.790	1710	1719	1724	rVV3	33030	84840	2.93%	0.376%
47	12.843	1725	1728	1732	rVV5	22892	33568	1.16%	0.149%
48	12.896	1732	1737	1742	rVV2	146391	217043	7.50%	0.963%
49	12.984	1742	1752	1762	rVB	1174841	1761587	60.91%	7.817%
50	13.184	1781	1786	1788	rBV3	33426	49248	1.70%	0.219%
51	13.777	1882	1887	1890	rBV5	43670	66364	2.29%	0.294%
52	13.824	1890	1895	1897	rVV	253142	386930	13.38%	1.717%
53	13.848	1897	1899	1904	rVV2	218796	245707	8.50%	1.090%
54	13.895	1904	1907	1914	rVB5	30709	52114	1.80%	0.231%
55	14.188	1954	1957	1965	rVB5	42833	74110	2.56%	0.329%
56	14.265	1965	1970	1975	rBV3	53528	80356	2.78%	0.357%
57	14.365	1978	1987	1994	rVB	412342	686630	23.74%	3.047%
58	14.770	2052	2056	2061	rVB3	19875	32177	1.11%	0.143%
59	14.887	2072	2076	2084	rVB5	36033	58252	2.01%	0.258%
60	15.087	2104	2110	2113	rBV7	17768	33740	1.17%	0.150%
61	15.217	2129	2132	2136	rVB2	29819	32888	1.14%	0.146%
62	15.375	2154	2159	2165	rVB	175909	220334	7.62%	0.978%
63	15.622	2196	2201	2206	rVB3	36233	52164	1.80%	0.231%
64	15.857	2234	2241	2249	rBV	698097	990390	34.24%	4.395%
65	16.104	2280	2283	2290	rVB3	46966	69298	2.40%	0.307%
66	16.256	2304	2309	2314	rVB6	20719	35648	1.23%	0.158%
67	16.873	2410	2414	2418	rBV2	28293	34727	1.20%	0.154%
68	17.108	2448	2454	2462	rVB	563122	788063	27.25%	3.497%
69	17.496	2511	2520	2525	rBV5	61014	95079	3.29%	0.422%
70	17.614	2536	2540	2545	rVB3	28798	37791	1.31%	0.168%
71	18.007	2602	2607	2617	rBV	118848	168353	5.82%	0.747%

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ClientSampleId :
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Integration Parameters: rteint.p
Integrator: RTE
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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	18.442	2675	2681	2685	rBV2	35232	39729	1.37%	0.176%
73	19.294	2822	2826	2830	rBV4	39441	48494	1.68%	0.215%
74	19.741	2896	2902	2909	rBV	2332008	2892077	100.00%	12.833%
75	20.546	3032	3039	3043	rBV9	18303	33018	1.14%	0.147%
76	20.769	3072	3077	3080	rBV	77731	84281	2.91%	0.374%
77	21.004	3113	3117	3123	rBV	170032	219774	7.60%	0.975%
78	21.209	3149	3152	3158	rBV	36333	54553	1.89%	0.242%
79	21.292	3161	3166	3171	rVV	708280	859688	29.73%	3.815%
80	21.445	3189	3192	3196	rVB5	26600	32669	1.13%	0.145%
81	21.885	3262	3267	3273	rBV8	27950	56237	1.94%	0.250%
82	22.349	3342	3346	3350	rBV7	27538	38091	1.32%	0.169%
83	22.484	3364	3369	3374	rVB2	81789	120440	4.16%	0.534%
84	23.448	3529	3533	3540	rBV10	17968	33970	1.17%	0.151%
85	23.560	3545	3552	3560	rVB2	435215	822263	28.43%	3.649%

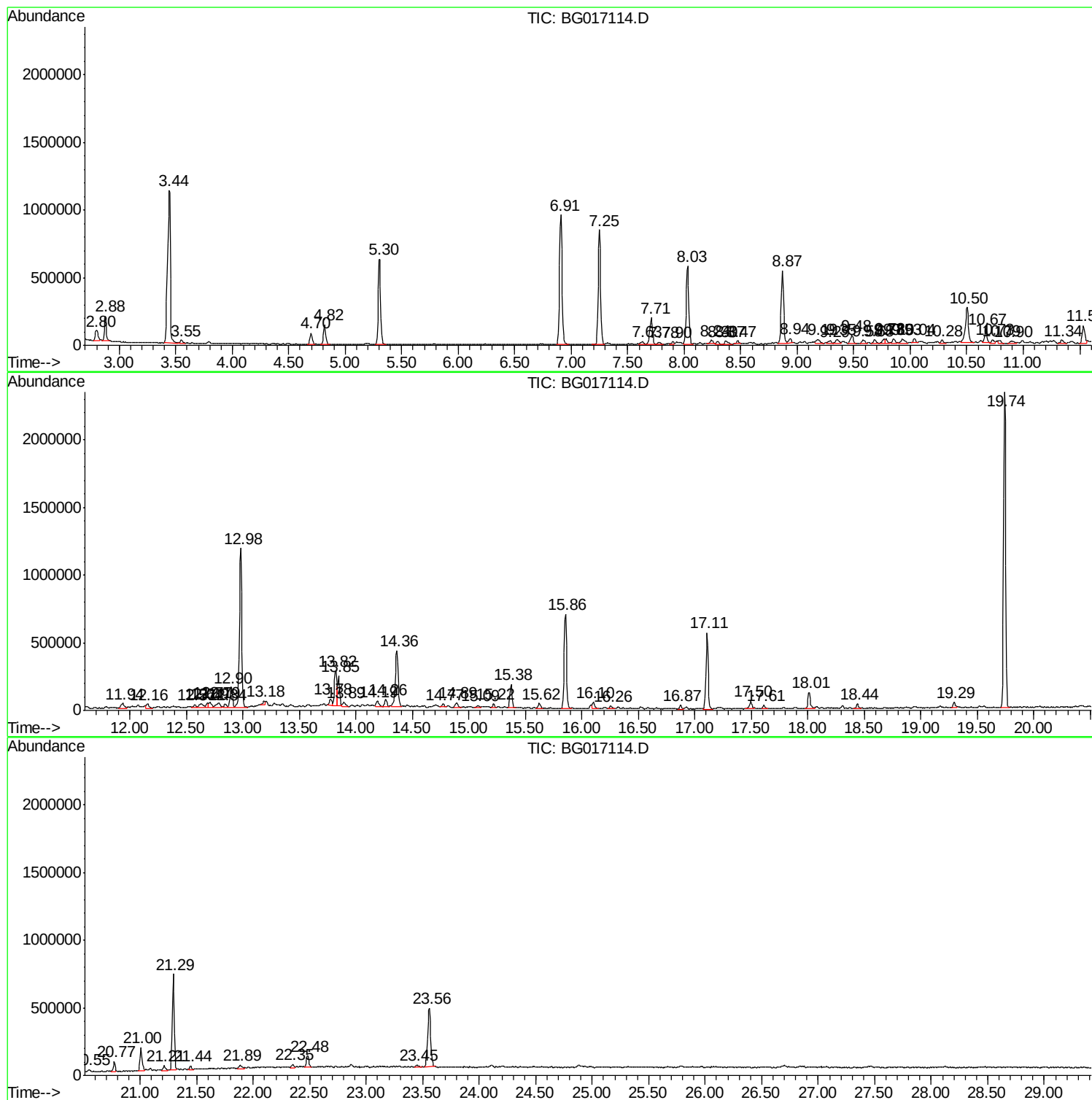
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Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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Sample : G2194-06
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

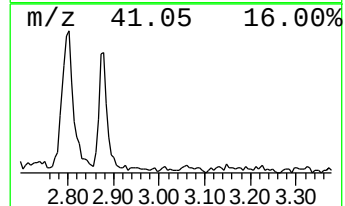
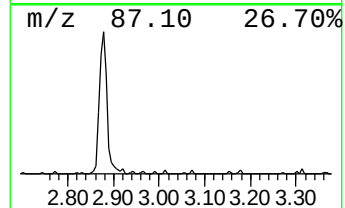
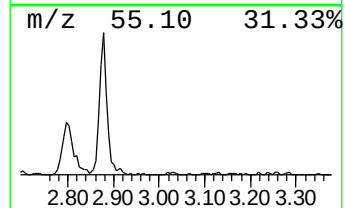
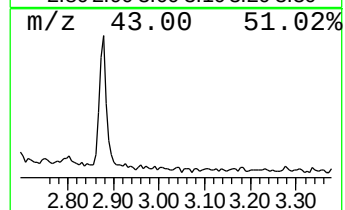
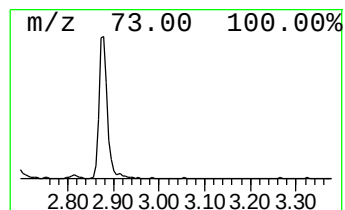
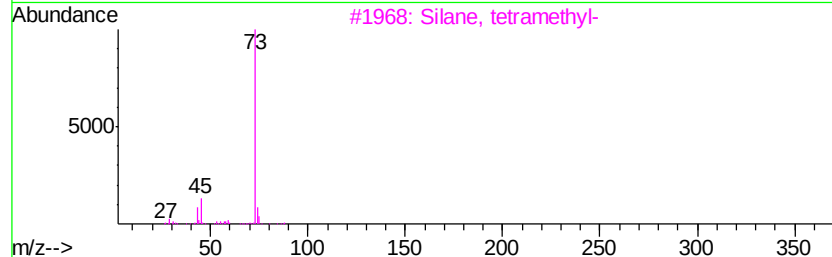
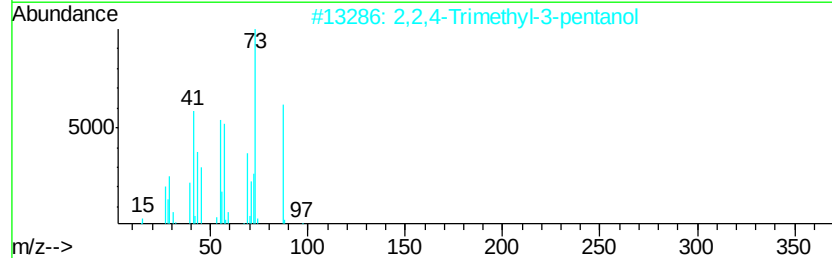
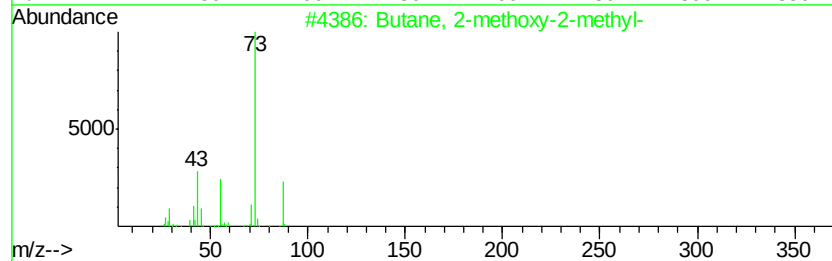
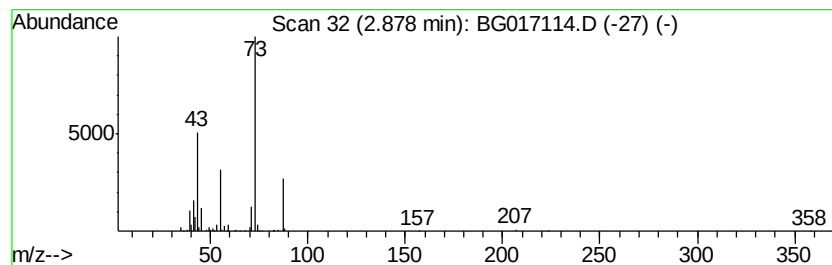
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	13.02 ng	215678	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
4		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5		Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	17



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ALS Vial : 15 Sample Multiplier: 1

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

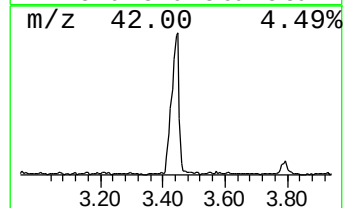
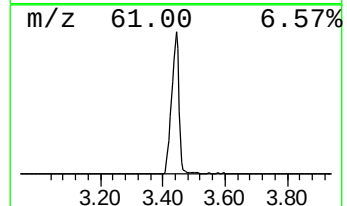
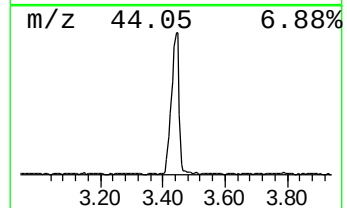
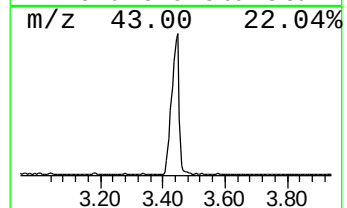
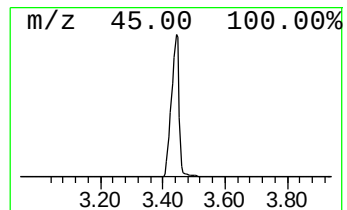
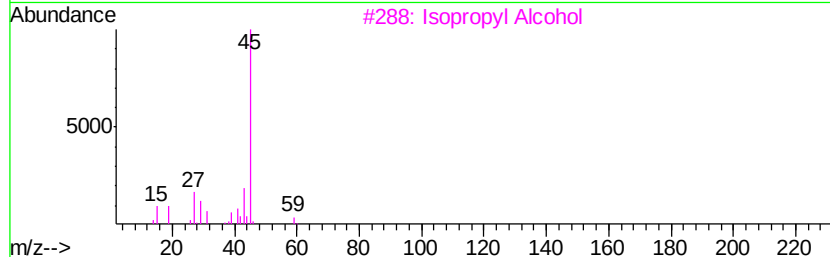
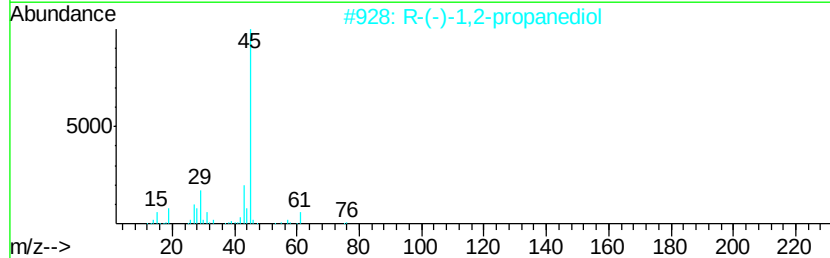
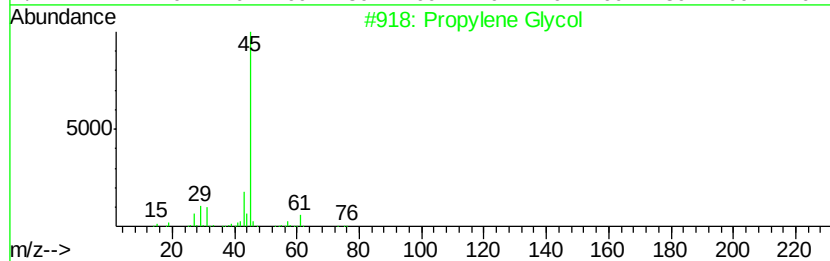
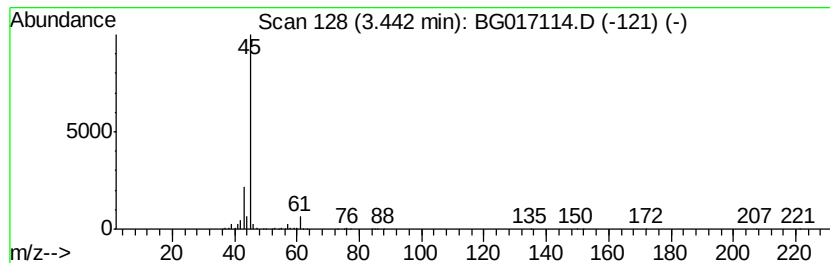
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
3.44	118.18 ng	1957770	1,4-Dichlorobenzene-d4	7.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propylene Glycol	76	C3H8O2	000057-55-6	90
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampled :
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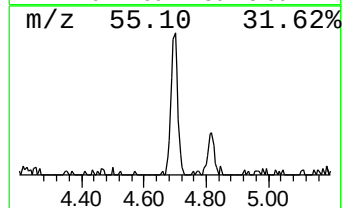
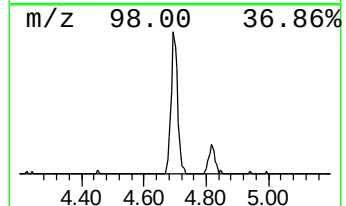
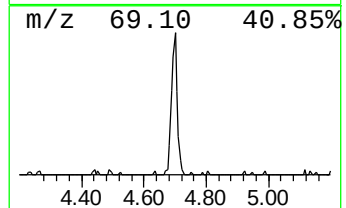
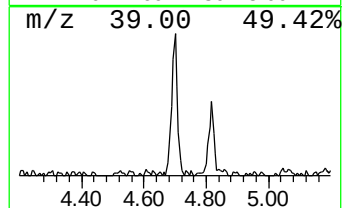
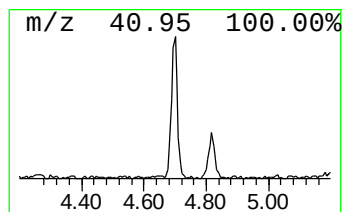
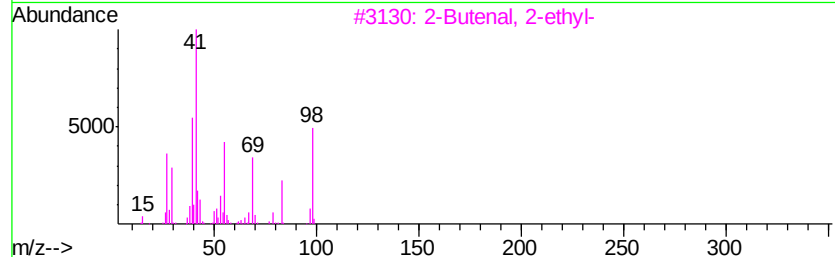
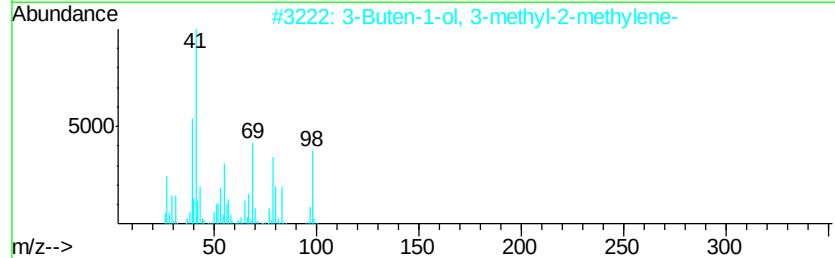
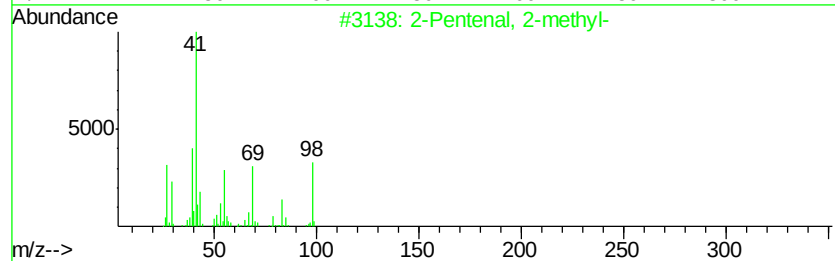
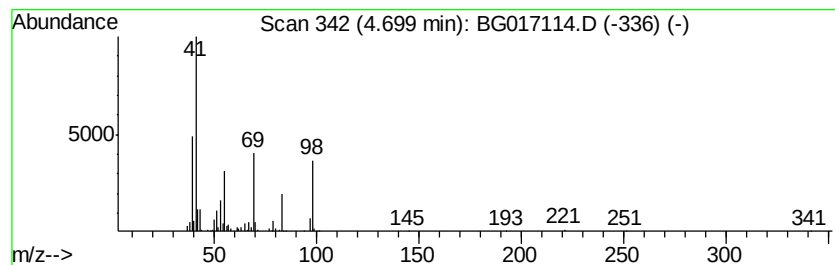
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentenal, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	6.91 ng	114557	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenal, 2-methyl-	98	C6H10O	000623-36-9	74
2			3-Buten-1-ol, 3-methyl-2-methylene-	98	C6H10O	026431-13-0	56
3			2-Butenal, 2-ethyl-	98	C6H10O	019780-25-7	50
4			2-Ethyl-trans-2-butenal	98	C6H10O	063883-69-2	46
5			1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	43



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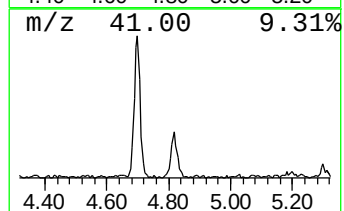
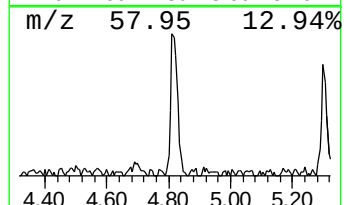
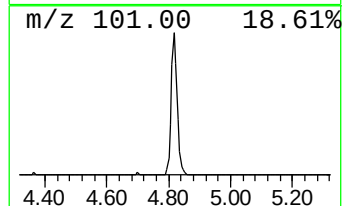
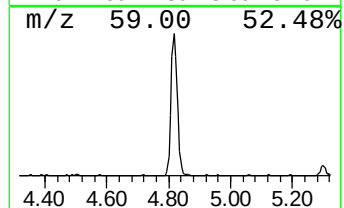
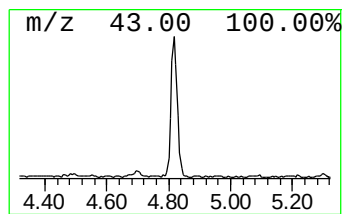
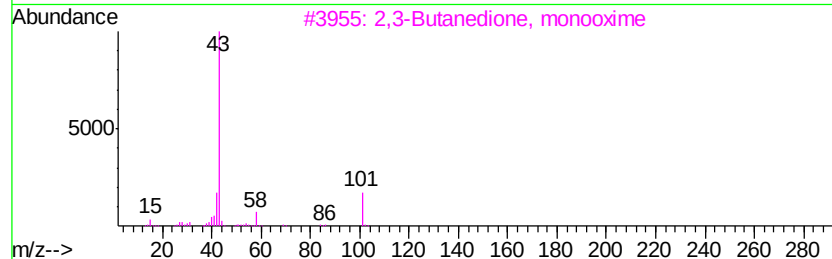
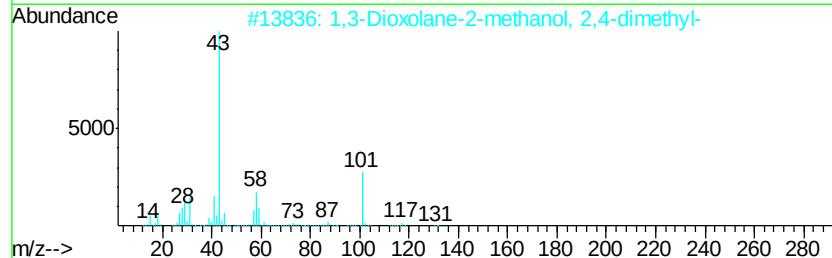
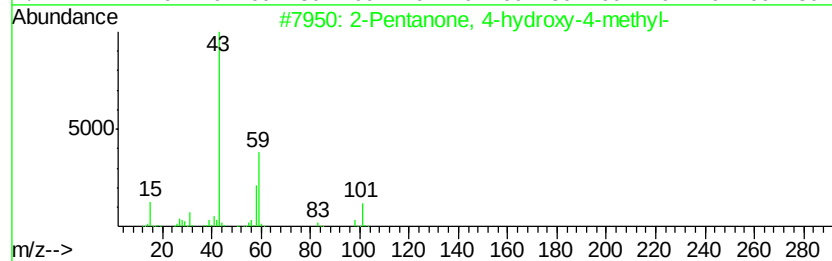
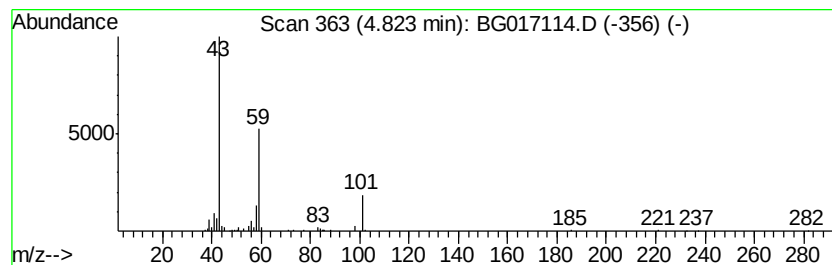
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.82	12.28 ng	203377	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	17
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

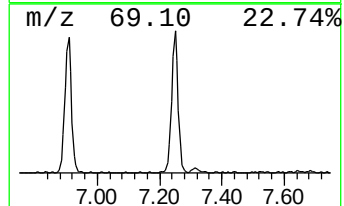
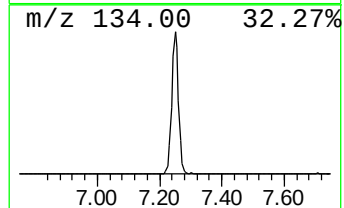
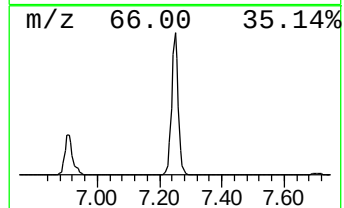
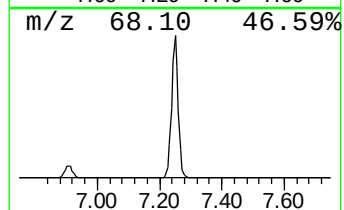
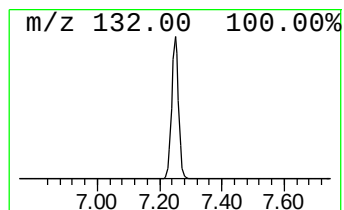
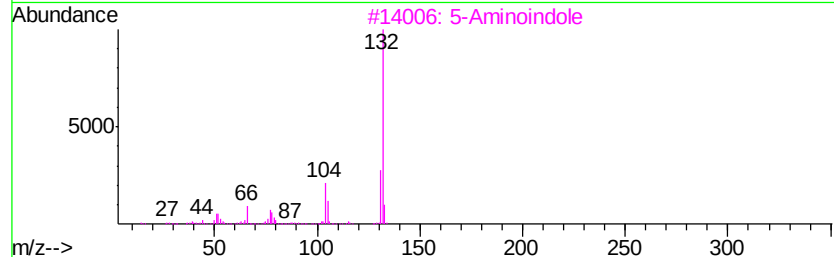
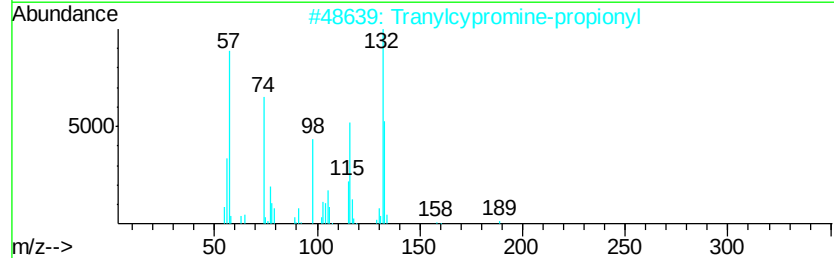
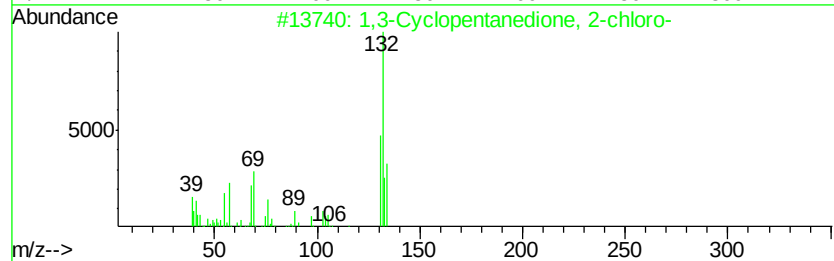
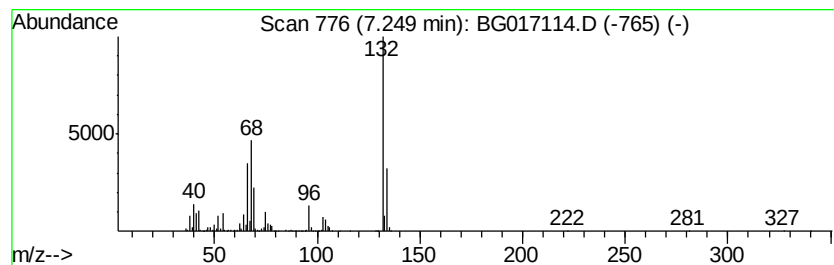
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.25 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	78.12 ng	1294180	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	22
3		5-Aminoindole	132	C8H8N2	005192-03-0	22
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

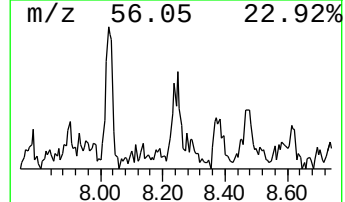
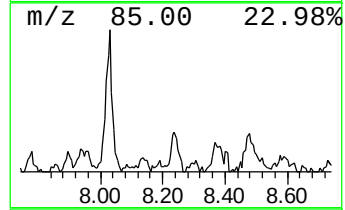
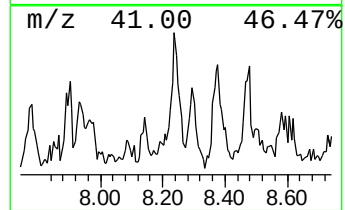
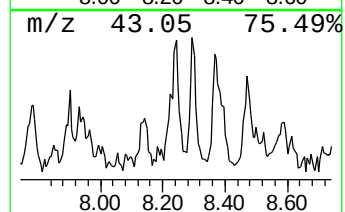
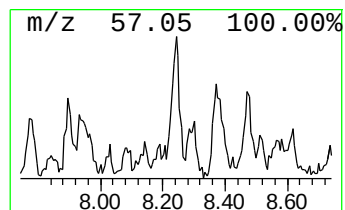
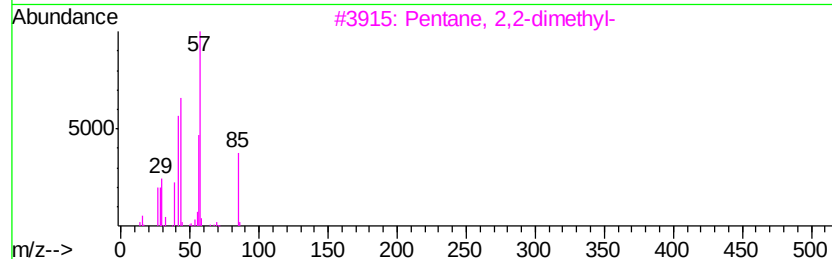
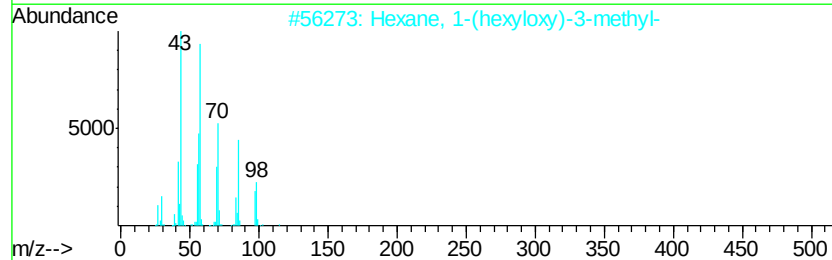
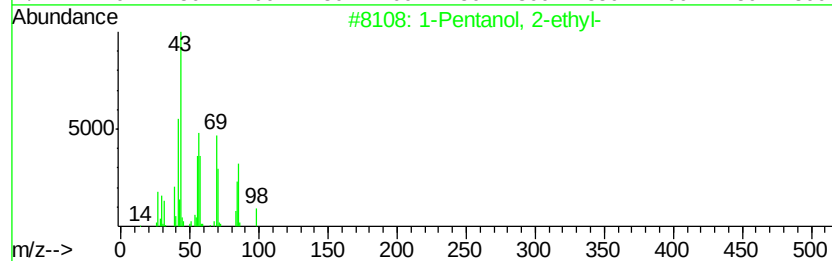
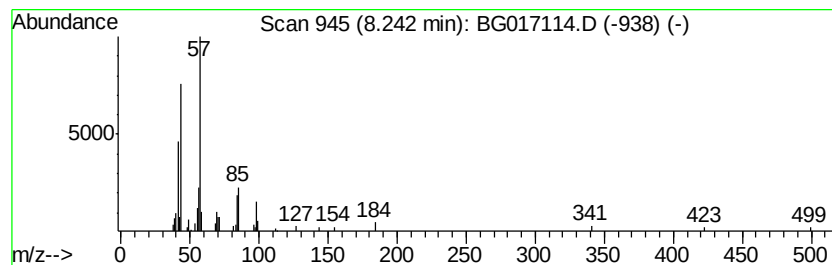
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.24 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	3.11 ng	51481	1,4-Dichlorobenzene-d4	7.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	40
2			Hexane, 1-(hexyloxy)-3-methyl-	200	C13H28O	074421-18-4	38
3			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	35
4			Heptane, 4-ethyl-	128	C9H20	002216-32-2	32
5			Decane, 5-methyl-	156	C11H24	013151-35-4	32



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

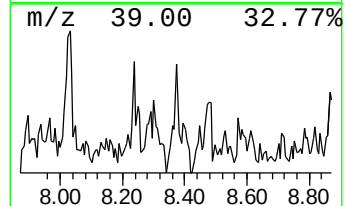
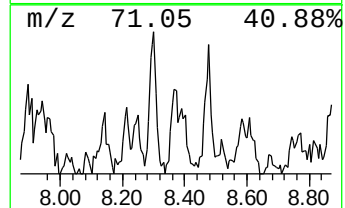
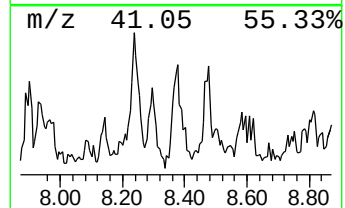
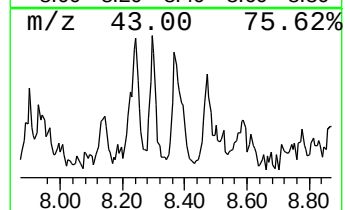
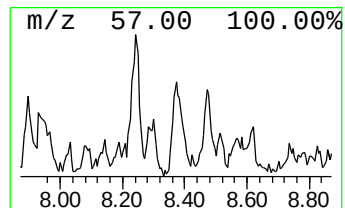
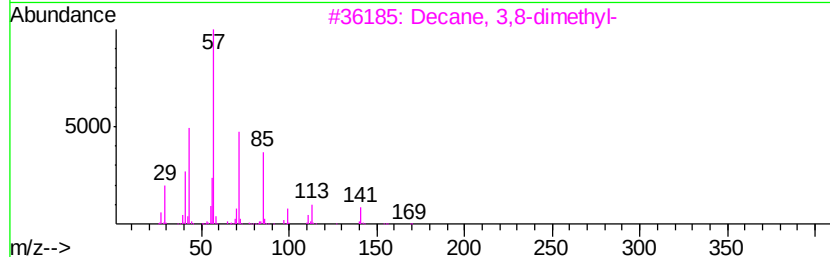
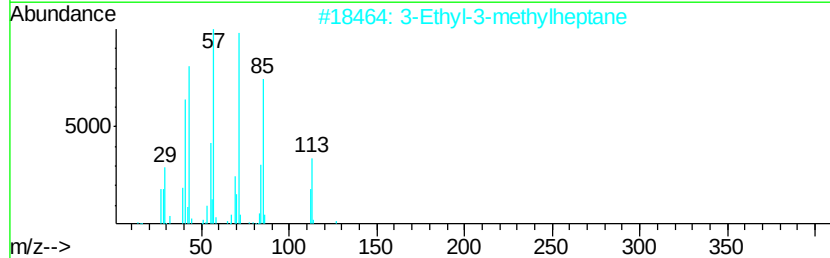
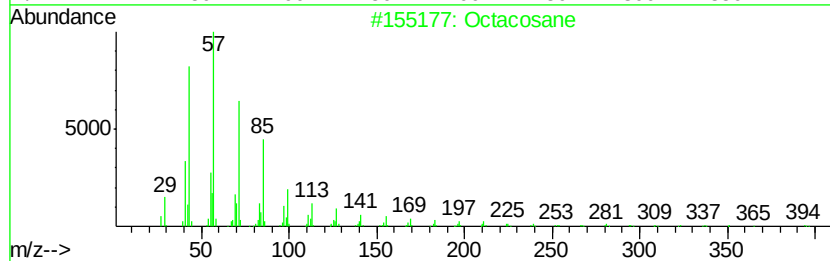
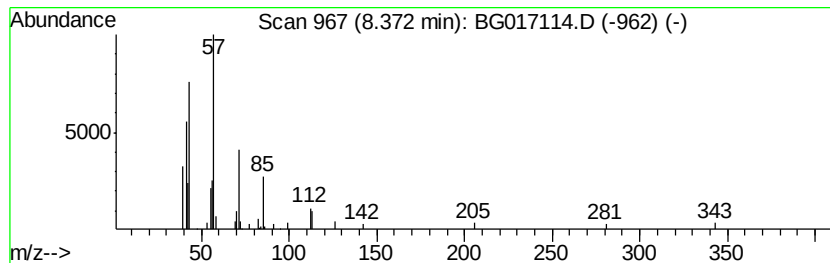
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	3.17 ng	52493	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	72
2		3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5		Decane	142	C10H22	000124-18-5	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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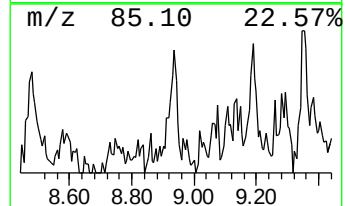
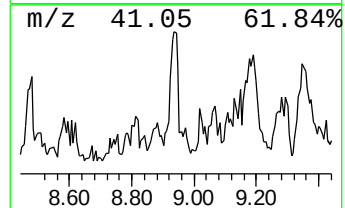
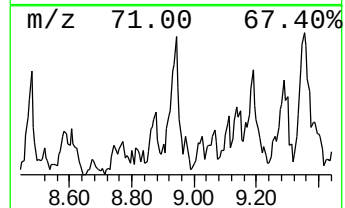
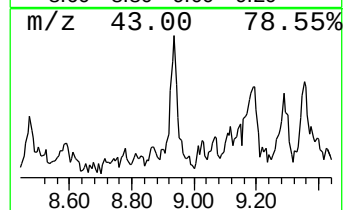
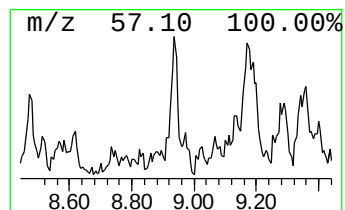
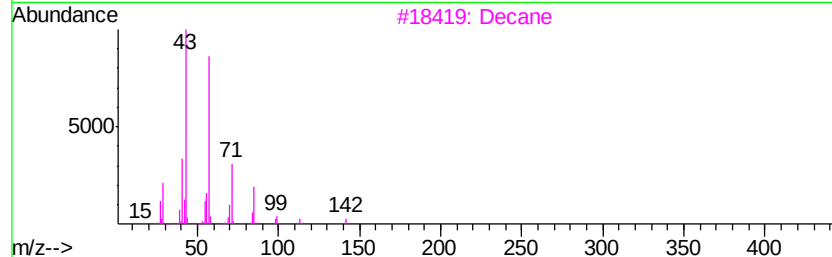
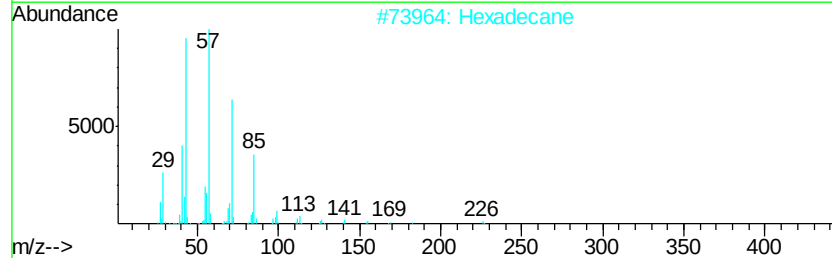
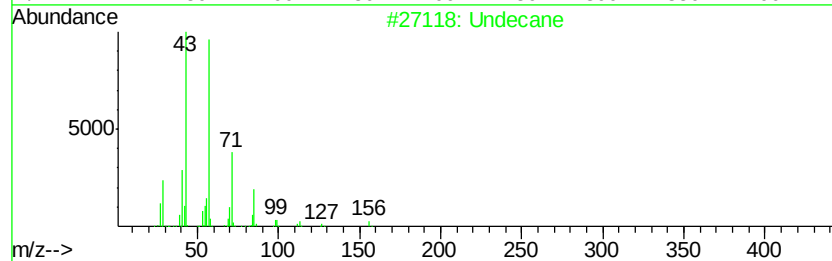
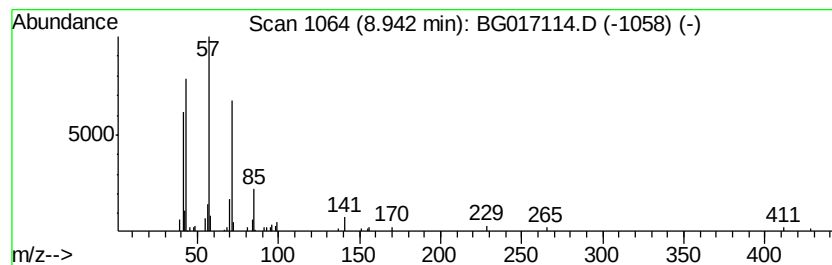
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.94	2.97 ng	49225	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Hexadecane	226	C16H34	000544-76-3	72
3		Decane	142	C10H22	000124-18-5	72
4		Pentadecane	212	C15H32	000629-62-9	72
5		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
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Acq On : 13 May 2015 19:12
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Sample : G2194-06
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ALS Vial : 15 Sample Multiplier: 1

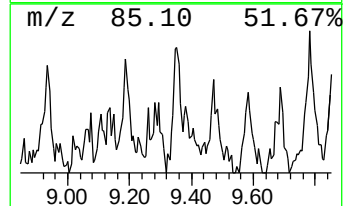
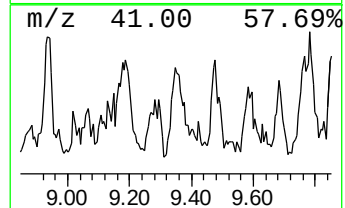
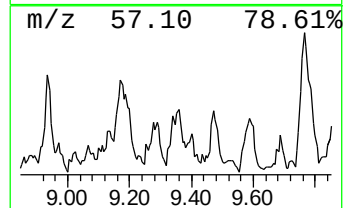
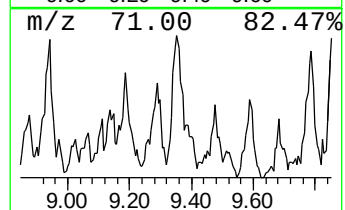
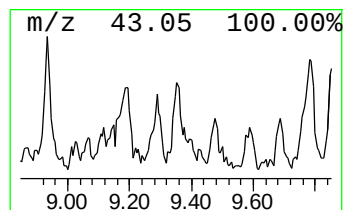
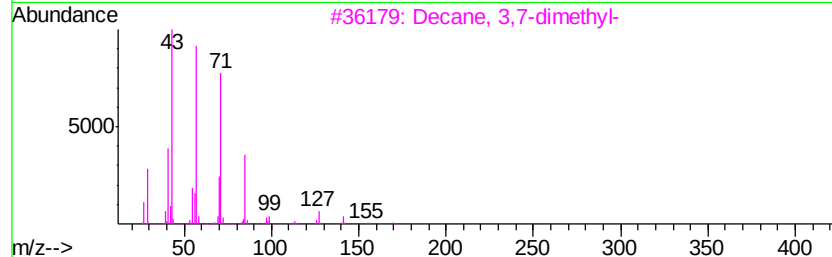
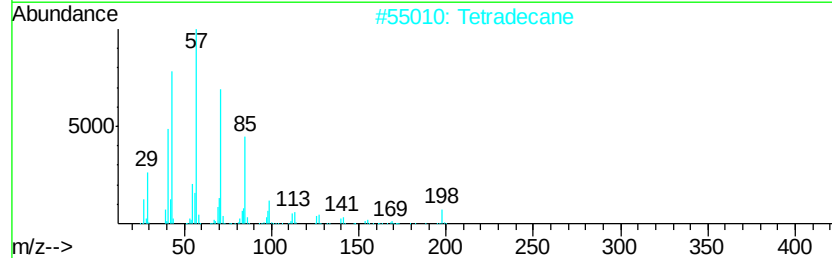
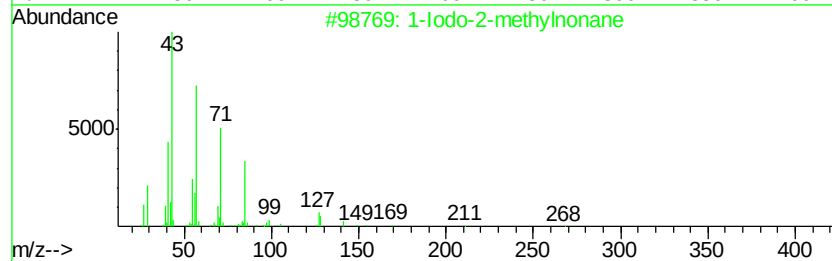
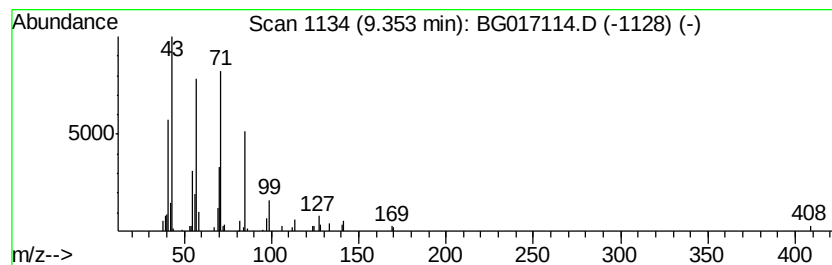
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Iodo-2-methylnonane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.15 ng	78244	Naphthalene-d8	10.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Iodo-2-methylnonane	268 C10H21I	1000101-47-9	72
2	Tetradecane	198 C14H30	000629-59-4	64
3	Decane, 3,7-dimethyl-	170 C12H26	017312-54-8	64
4	Undecane, 2,8-dimethyl-	184 C13H28	017301-25-6	64
5	Pentadecane	212 C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
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Misc :
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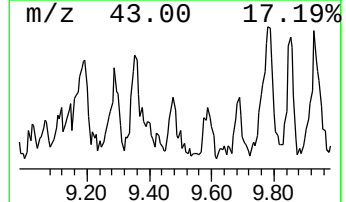
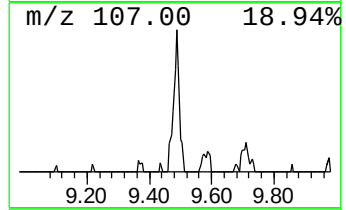
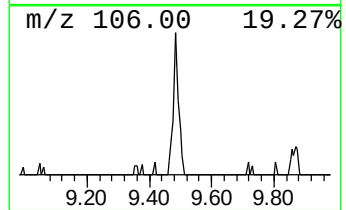
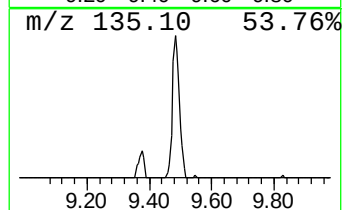
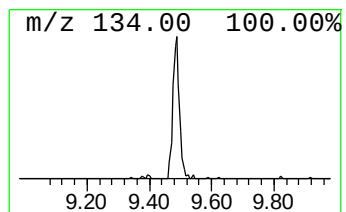
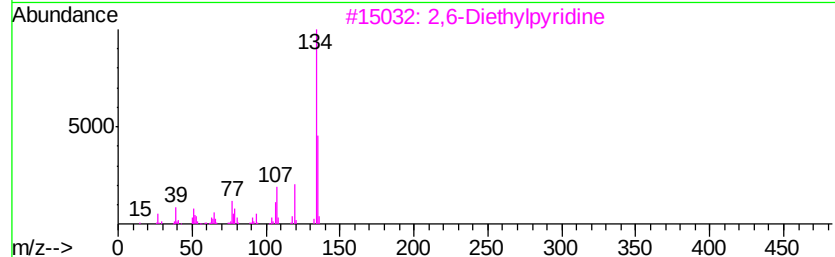
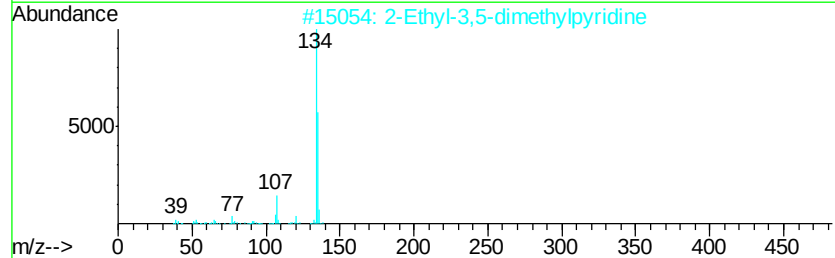
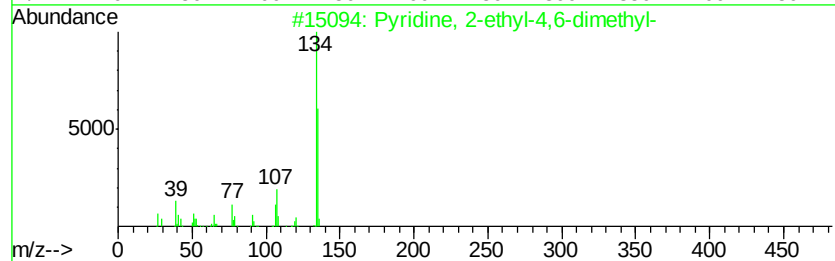
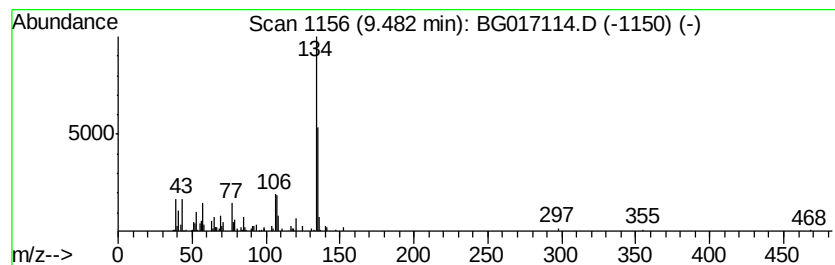
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pyridine, 2-ethyl-4,6-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.26 ng	105766	Naphthalene-d8	10.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyridine, 2-ethyl-4,6-dimethyl-	135	C9H13N	001124-35-2	87
2			2-Ethyl-3,5-dimethylpyridine	135	C9H13N	001123-96-2	87
3			2,6-Diethylpyridine	135	C9H13N	000935-28-4	80
4			Benzenamine, N,N,3-trimethyl-	135	C9H13N	000121-72-2	64
5			Benzenamine, N,N,4-trimethyl-	135	C9H13N	000099-97-8	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
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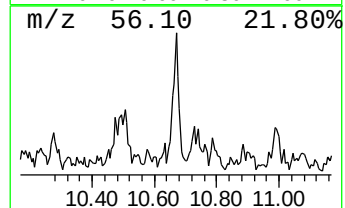
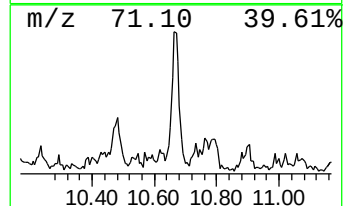
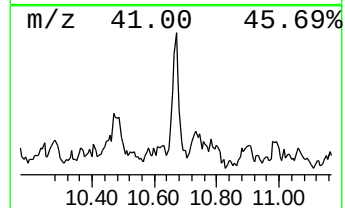
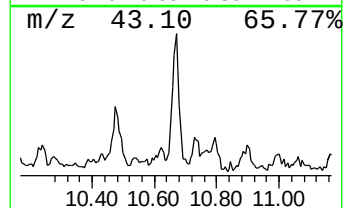
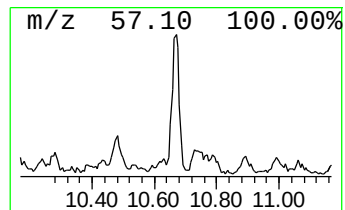
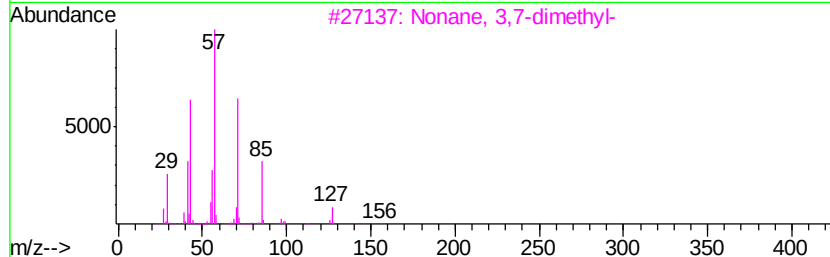
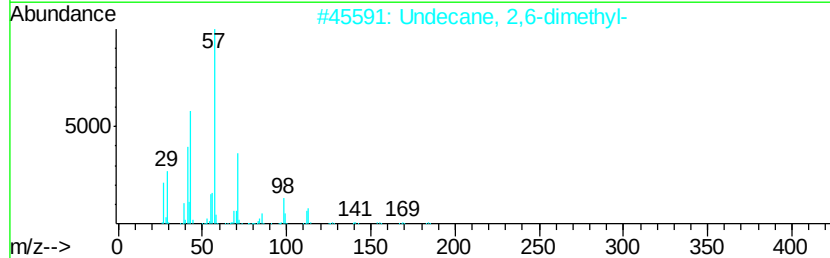
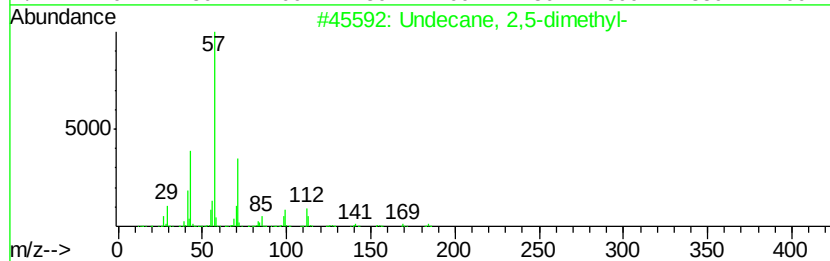
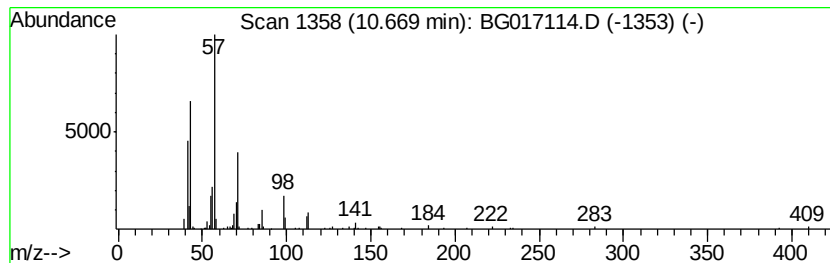
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ClientSampleId :
TU021-SB-17-2.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.67	6.34 ng	157357	Naphthalene-d8	10.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	68
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	62
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
4	Nonane, 2-methyl-	142	C10H22	000871-83-0	59
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

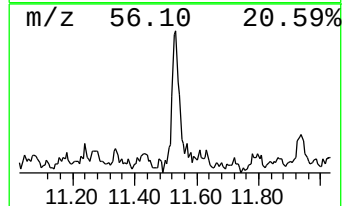
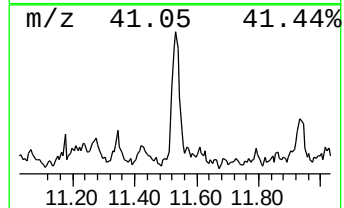
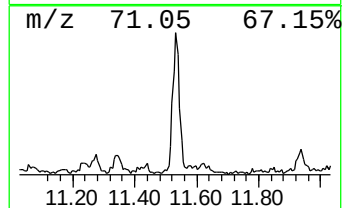
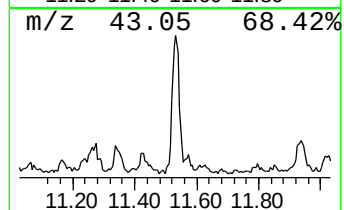
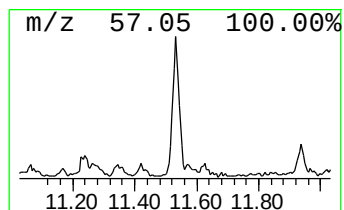
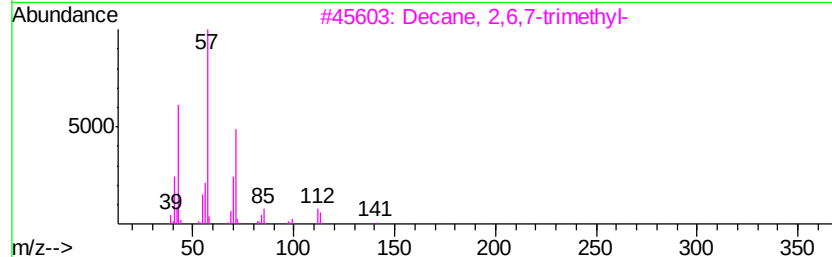
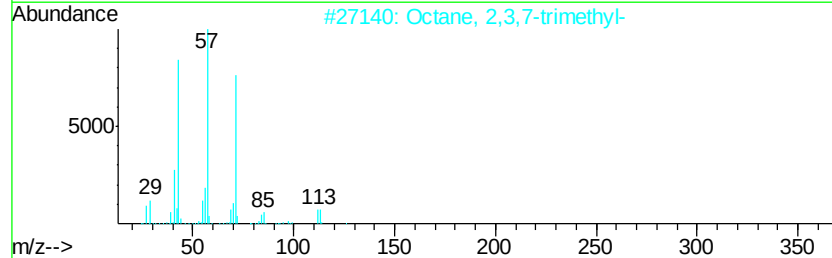
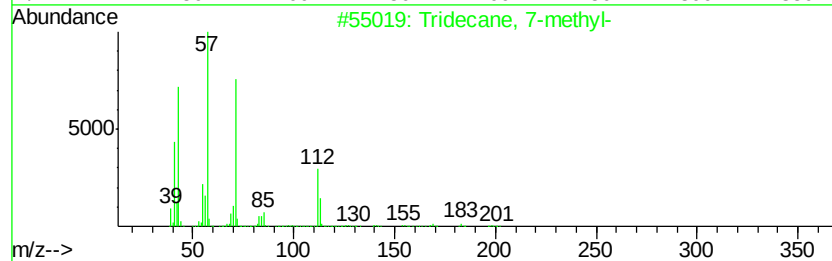
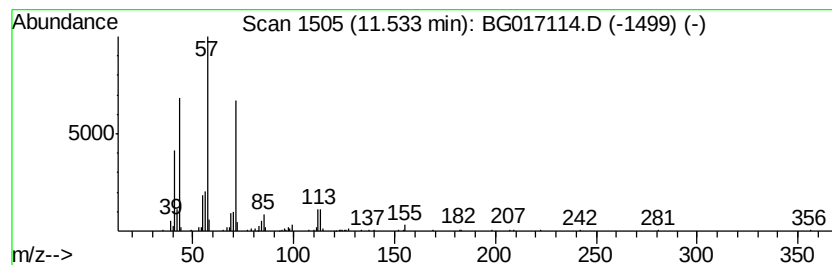
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 7-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.41 ng	208773	Naphthalene-d8	10.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	91
2		Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	90
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
5		Octadecane, 2-methyl-	268	C19H40	001560-88-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

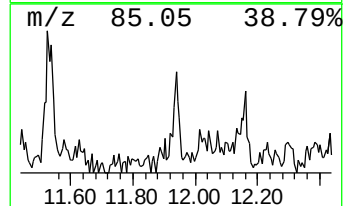
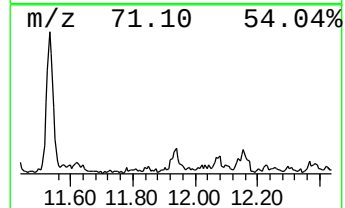
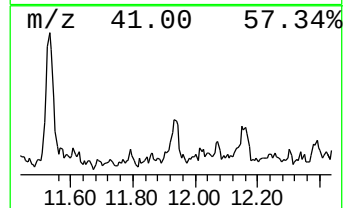
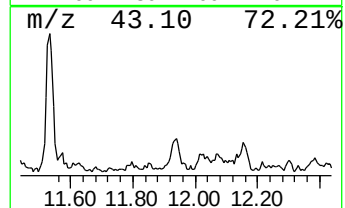
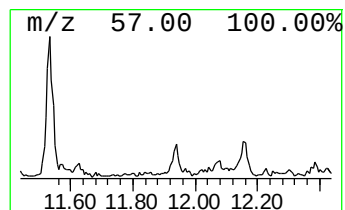
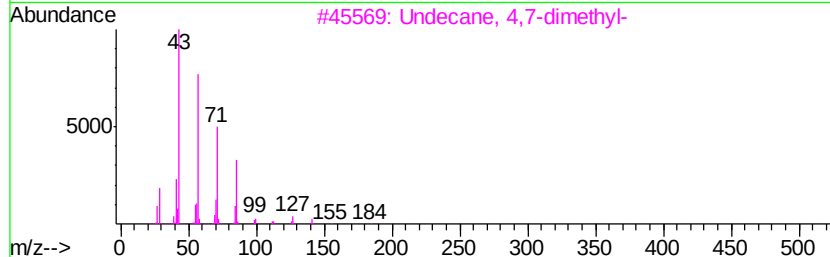
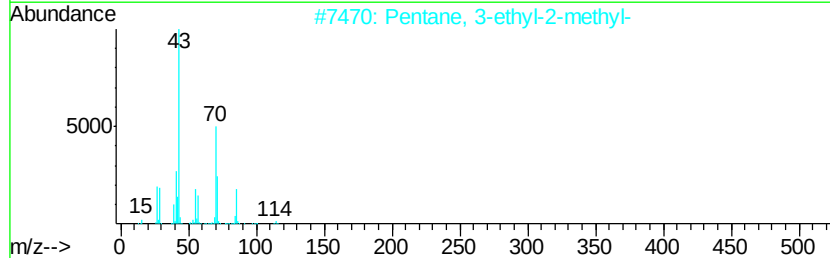
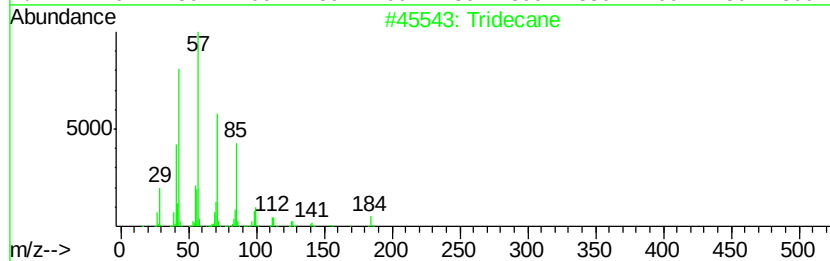
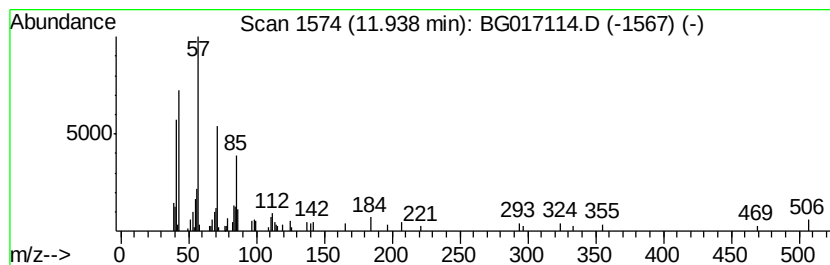
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.90 ng	71986	Naphthalene-d8	10.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	76
2		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
3		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	50
4		Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	50
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

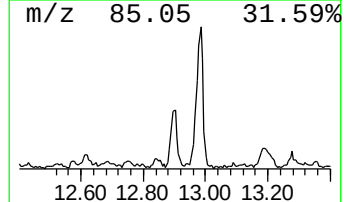
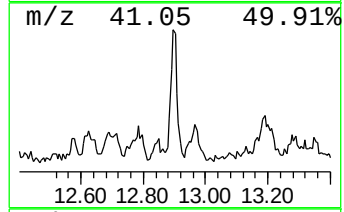
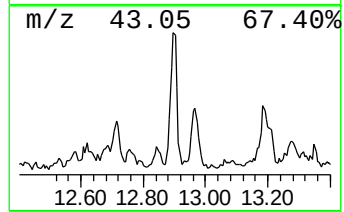
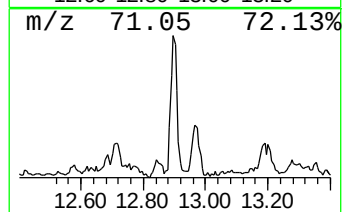
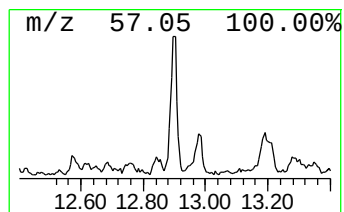
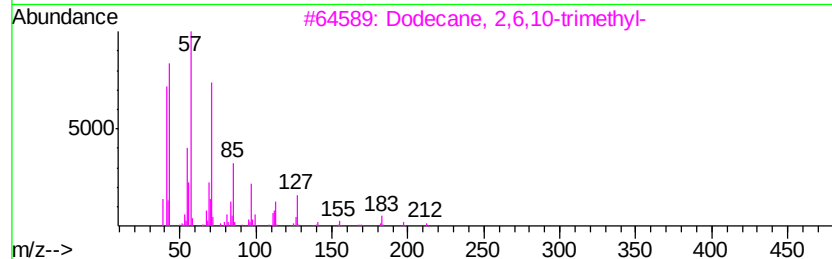
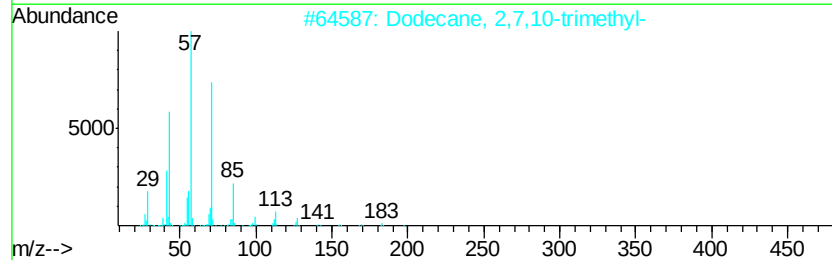
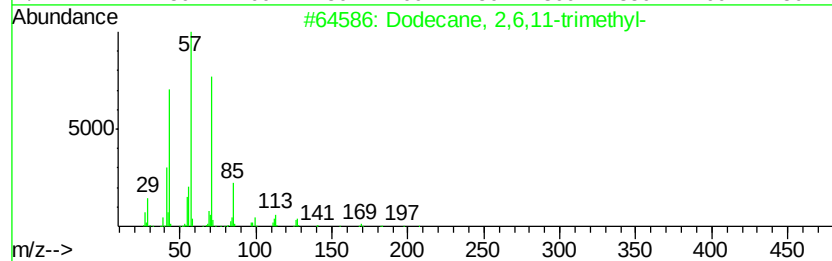
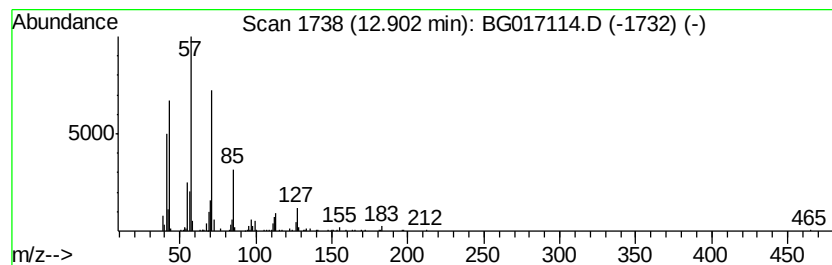
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dodecane, 2,6,11-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	6.32 ng	217043	Acenaphthene-d10	14.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4		Tetradecane, 5-methyl-	212	C15H32	025117-32-2	72
5		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
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Misc :
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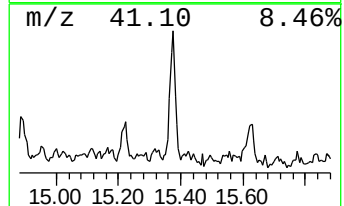
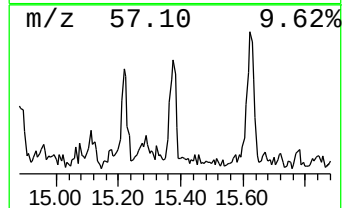
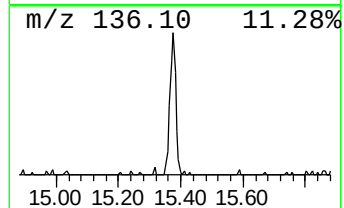
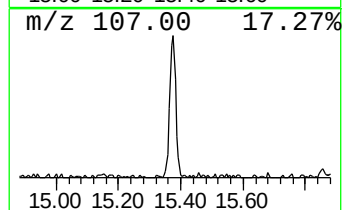
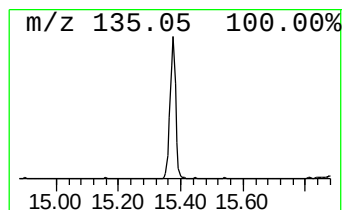
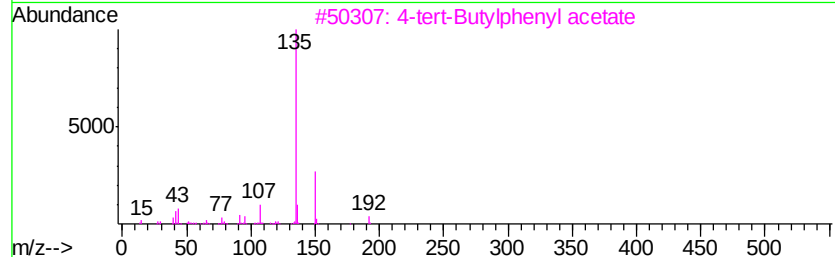
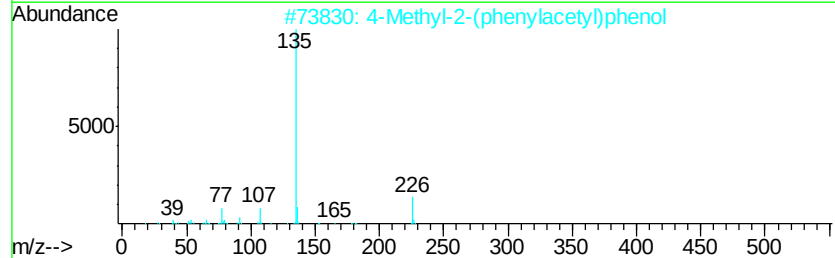
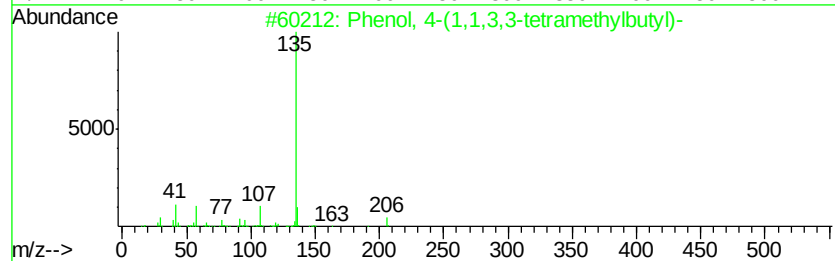
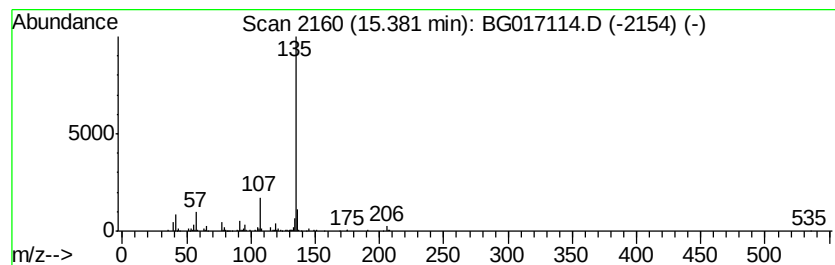
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.38	6.42 ng	220334	Acenaphthene-d10	14.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	90
2	4-Methyl-2-(phenylacetyl)phenol	226	C15H14O2	024258-63-7	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6N02	296242-69-8	56



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TU021-SB-17-2.5

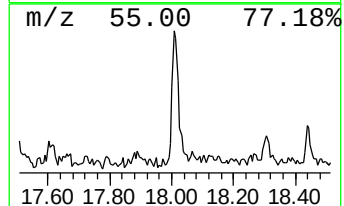
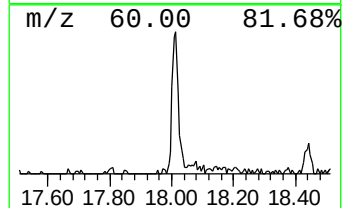
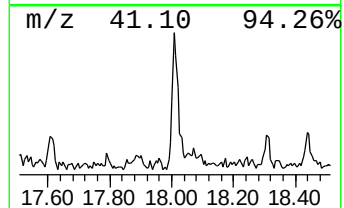
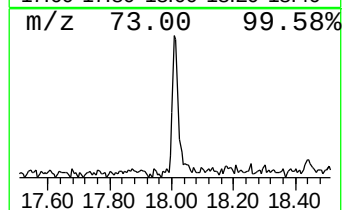
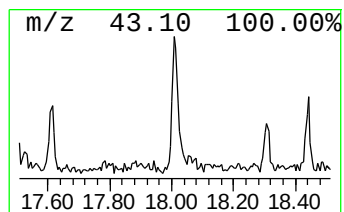
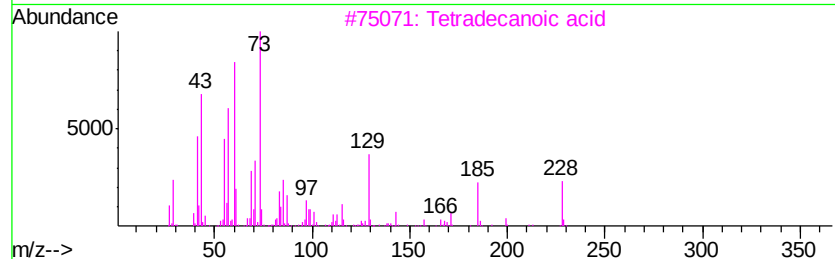
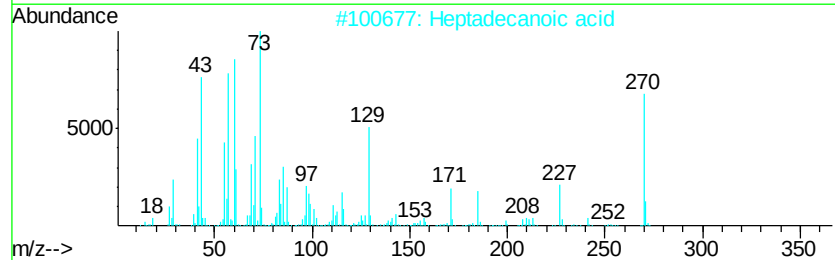
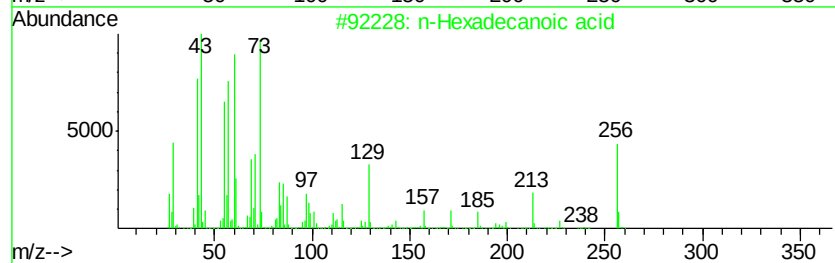
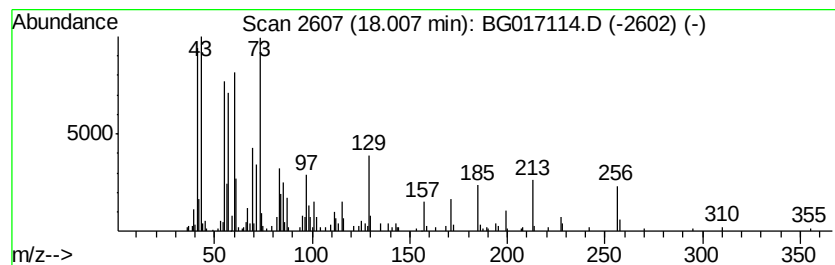
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	4.27 ng	168353	Phenanthrene-d10	17.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Heptadecanoic acid	270	C17H34O2	000506-12-7	97
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5			Isopropyl Myristate	270	C17H34O2	000110-27-0	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
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Acq On : 13 May 2015 19:12
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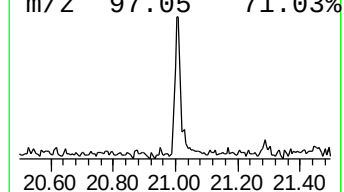
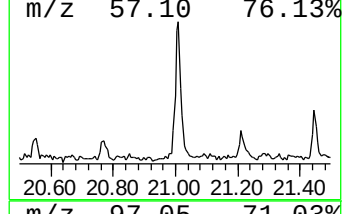
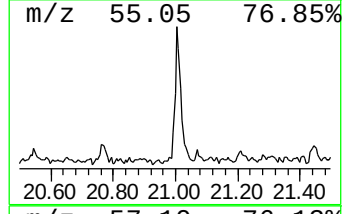
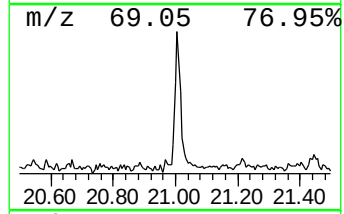
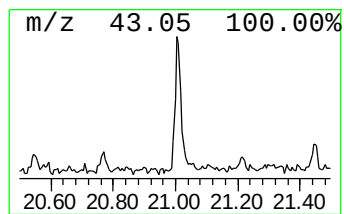
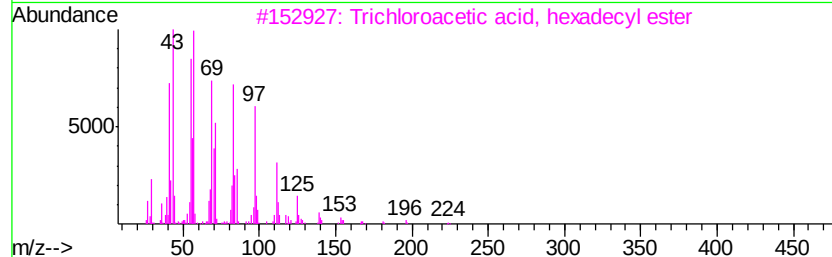
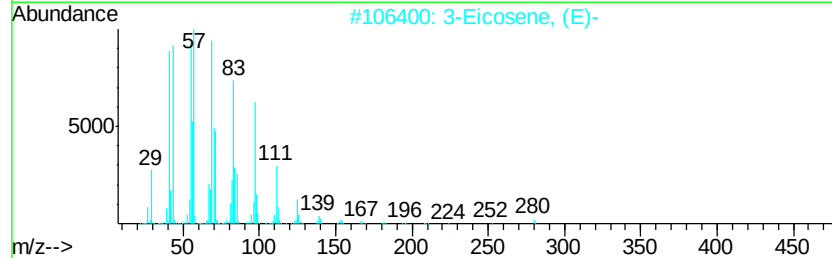
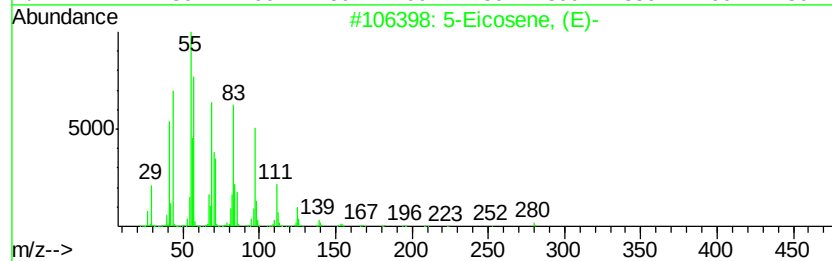
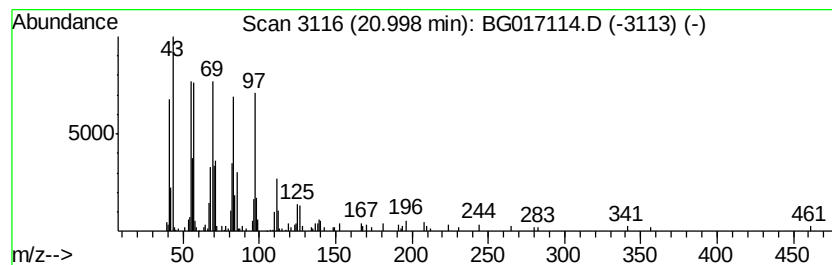
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 5-Eicosene, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.00	5.11 ng	219774	Chrysene-d12	21.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Cyclotetracosane	336	C24H48	000297-03-0	90
5	1-Eicosene	280	C20H40	003452-07-1	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017114.D
Acq On : 13 May 2015 19:12
Operator : TP/IZ
Sample : G2194-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

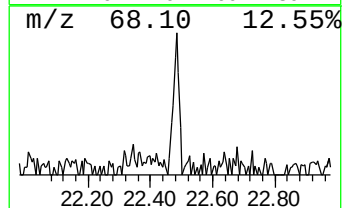
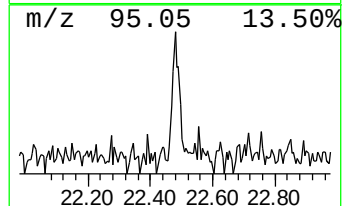
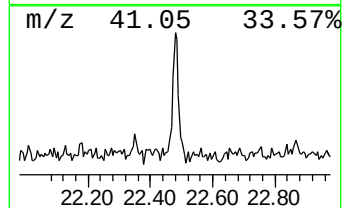
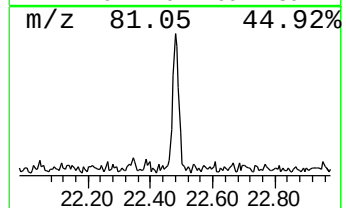
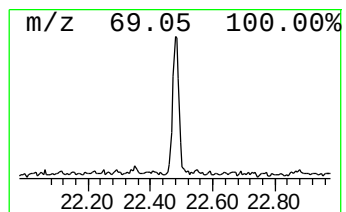
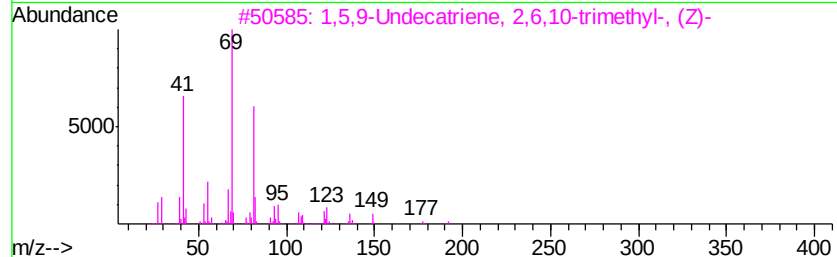
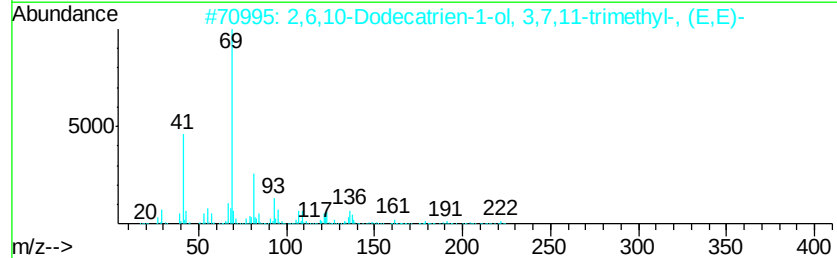
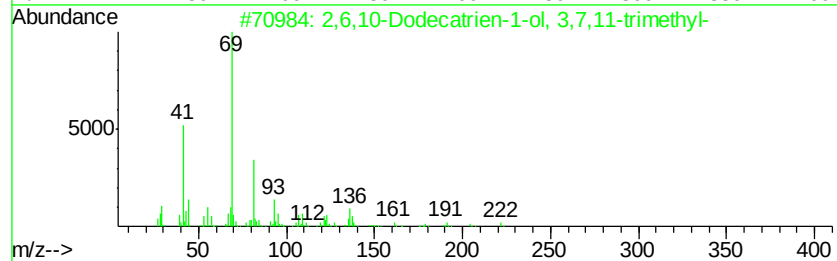
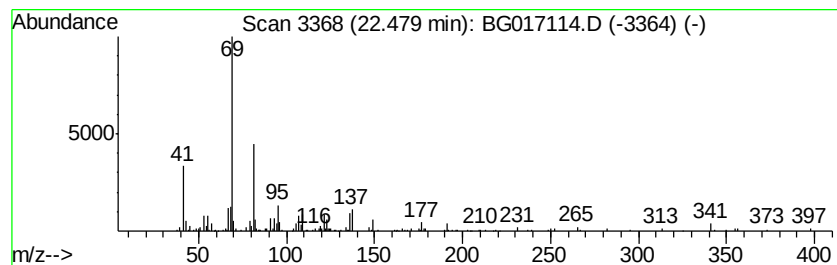
Instrument :
BNA_G
ClientSampleId :
TU021-SB-17-2.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.48	2.93 ng	120440	Perylene-d12	23.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	93
2	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	81
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
4	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
 Data File : BG017114.D
 Acq On : 13 May 2015 19:12
 Operator : TP/IZ
 Sample : G2194-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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
Butane, 2-methoxy...	2.88	13.0	ng	215678	1	7.71	331332	20.0
Propylene Glycol	3.44	118.2	ng	1957770	1	7.71	331332	20.0
2-Pentenal, 2-met...	4.70	6.9	ng	114557	1	7.71	331332	20.0
2-Pentanone, 4-hy...	4.82	12.3	ng	203377	1	7.71	331332	20.0
unknown7.25	7.25	78.1	ng	1294180	1	7.71	331332	20.0
unknown8.24	8.24	3.1	ng	51481	1	7.71	331332	20.0
Octacosane	8.37	3.2	ng	52493	1	7.71	331332	20.0
Undecane	8.94	3.0	ng	49225	1	7.71	331332	20.0
1-Iodo-2-methylno...	9.35	3.1	ng	78244	2	10.50	496728	20.0
Pyridine, 2-ethyl...	9.48	4.3	ng	105766	2	10.50	496728	20.0
Undecane, 2,5-dim...	10.67	6.3	ng	157357	2	10.50	496728	20.0
Tridecane, 7-methyl-	11.53	8.4	ng	208773	2	10.50	496728	20.0
Tridecane	11.94	2.9	ng	71986	2	10.50	496728	20.0
Dodecane, 2,6,11-...	12.90	6.3	ng	217043	3	14.36	686630	20.0
Phenol, 4-(1,1,3,...	15.38	6.4	ng	220334	3	14.36	686630	20.0
n-Hexadecanoic acid	18.01	4.3	ng	168353	4	17.11	788063	20.0
5-Eicosene, (E)-	21.00	5.1	ng	219774	5	21.29	859688	20.0
2,6,10-Dodecatric...	22.48	2.9	ng	120440	6	23.55	822263	20.0