

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017949.D
 Acq On : 18 Jul 2015 6:29
 Operator : TP/UM
 Sample : G3007-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-2(8.0-8.5)

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-BG071715.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.732	343	348	356	rBV	56047	84176	1.52%	0.274%
2	5.190	420	426	435	rBV	706634	989392	17.88%	3.220%
3	6.765	685	694	700	rBV	452582	706476	12.77%	2.299%
4	7.117	747	754	763	rBV	1285910	2054504	37.13%	6.687%
5	7.587	826	834	842	rBV	325606	532404	9.62%	1.733%
6	7.898	880	887	894	rBV	1124690	1828656	33.05%	5.952%
7	8.686	1014	1021	1024	rBV	47131	79370	1.43%	0.258%
8	8.739	1024	1030	1042	rVB	944124	1604872	29.00%	5.223%
9	9.262	1114	1119	1126	rVB	40508	60301	1.09%	0.196%
10	9.767	1199	1205	1213	rVB3	121680	222965	4.03%	0.726%
11	10.002	1240	1245	1251	rVB	64553	104833	1.89%	0.341%
12	10.366	1299	1307	1312	rBV	486034	858298	15.51%	2.794%
13	10.419	1312	1316	1323	rVV4	34279	83011	1.50%	0.270%
14	10.830	1379	1386	1393	rVB	33785	60887	1.10%	0.198%
15	10.942	1399	1405	1410	rBV2	31893	56171	1.02%	0.183%
16	11.283	1454	1463	1470	rVB	31553	57322	1.04%	0.187%
17	11.477	1490	1496	1502	rVB	38362	71909	1.30%	0.234%
18	11.565	1502	1511	1517	rBV2	41878	79055	1.43%	0.257%
19	11.694	1526	1533	1540	rBV3	35670	74493	1.35%	0.242%
20	11.759	1540	1544	1553	rVB4	43978	85804	1.55%	0.279%
21	11.923	1566	1572	1579	rVB2	93417	159864	2.89%	0.520%
22	12.587	1681	1685	1695	rVB5	44562	94534	1.71%	0.308%
23	12.857	1724	1731	1743	rBV	2605262	3984074	72.00%	12.967%
24	13.175	1778	1785	1791	rBV4	43519	98857	1.79%	0.322%
25	13.239	1791	1796	1804	rVV4	30804	73911	1.34%	0.241%
26	13.398	1819	1823	1832	rVB4	37121	86343	1.56%	0.281%
27	13.557	1839	1850	1851	rBV6	30615	68541	1.24%	0.223%
28	13.703	1869	1875	1879	rBV	142070	185607	3.35%	0.604%
29	13.792	1885	1890	1894	rBV	51667	93205	1.68%	0.303%
30	13.827	1894	1896	1902	rVB3	48857	65193	1.18%	0.212%
31	14.244	1961	1967	1972	rBV2	722559	1149514	20.77%	3.741%
32	14.297	1972	1976	1980	rVB3	35457	56074	1.01%	0.183%
33	14.644	2030	2035	2042	rBV4	51239	96847	1.75%	0.315%
34	14.867	2066	2073	2077	rBV2	64261	113885	2.06%	0.371%

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Instrument :
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ClientSampleId :
S-2(8.0-8.5)

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-BG071715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.914	2077	2081	2086	rVB2	41478	56923	1.03%	0.185%
36	15.078	2104	2109	2113	rVB2	66751	108842	1.97%	0.354%
37	15.290	2141	2145	2149	rVB2	44660	67128	1.21%	0.218%
38	15.419	2162	2167	2170	rVV	116044	176249	3.19%	0.574%
39	15.454	2170	2173	2179	rVB2	65918	101430	1.83%	0.330%
40	15.613	2196	2200	2205	rVB	94113	130345	2.36%	0.424%
41	15.736	2215	2221	2232	rVB	1945216	2821975	51.00%	9.185%
42	16.353	2321	2326	2331	rBV3	67365	117234	2.12%	0.382%
43	16.994	2430	2435	2440	rBV2	905579	1264906	22.86%	4.117%
44	17.094	2448	2452	2459	rVB6	29606	56900	1.03%	0.185%
45	17.675	2545	2551	2556	rBV4	66102	108843	1.97%	0.354%
46	17.863	2579	2583	2587	rBV3	44562	67379	1.22%	0.219%
47	17.916	2587	2592	2600	rVV2	264481	450423	8.14%	1.466%
48	17.981	2600	2603	2609	rVB	74705	110689	2.00%	0.360%
49	19.203	2807	2811	2817	rBV2	93628	152642	2.76%	0.497%
50	19.644	2880	2886	2899	rBV	4340872	5533457	100.00%	18.010%
51	20.924	3099	3104	3112	rBV	313564	445668	8.05%	1.451%
52	21.195	3144	3150	3158	rBV	1173048	1440898	26.04%	4.690%
53	22.376	3347	3351	3356	rVB	59254	83572	1.51%	0.272%
54	23.410	3520	3527	3538	rVB2	762519	1407576	25.44%	4.581%

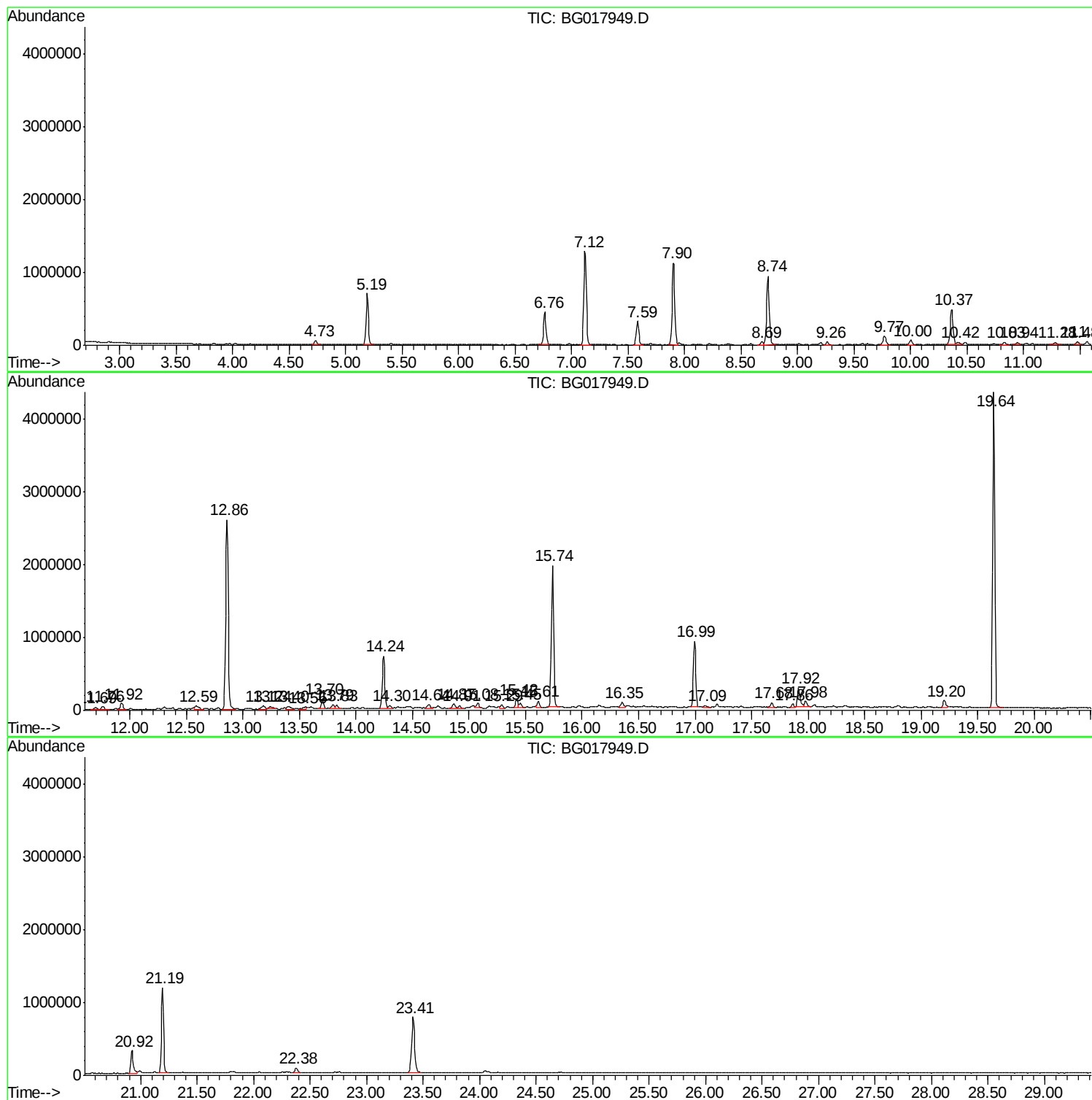
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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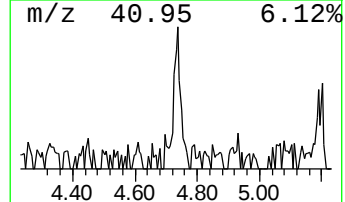
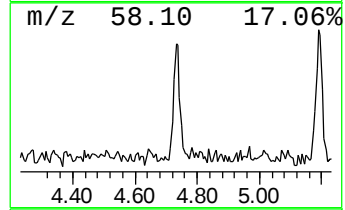
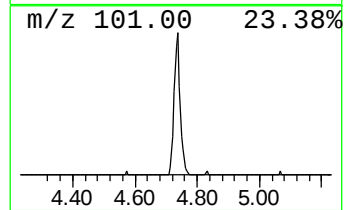
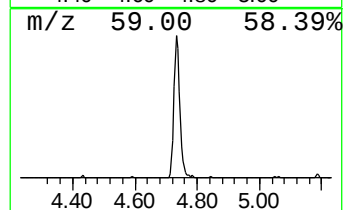
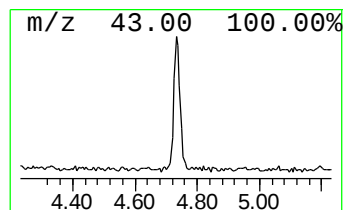
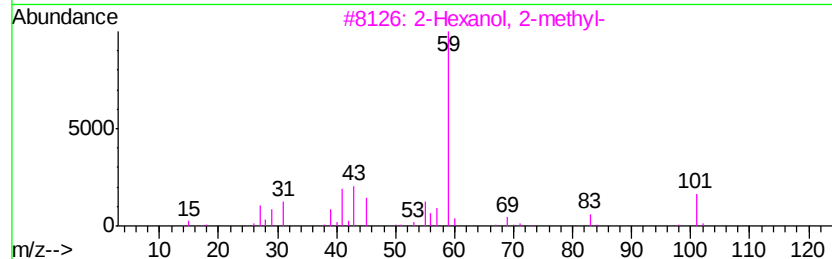
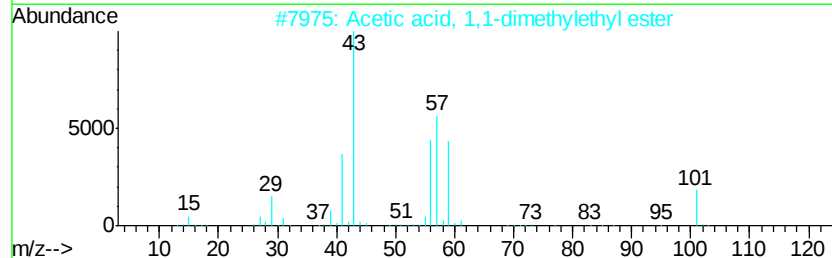
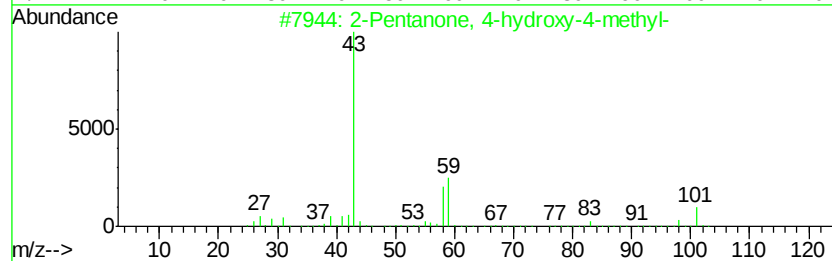
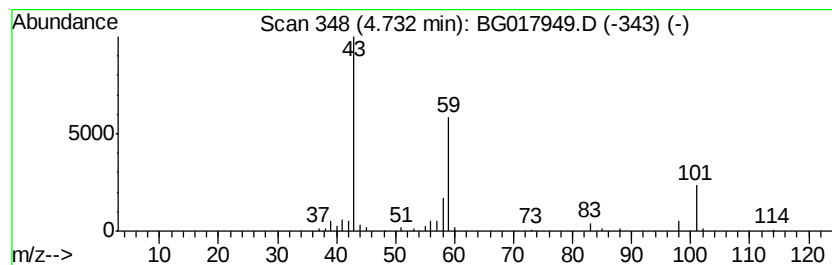
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.16 ng	84176	1,4-Dichlorobenzene-d4	7.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38	
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25	
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	23	



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Instrument :
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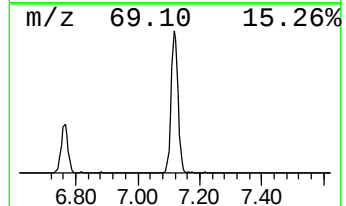
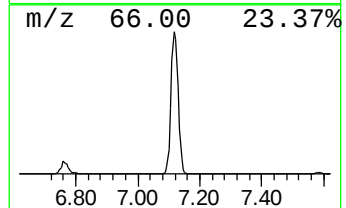
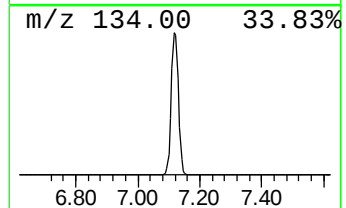
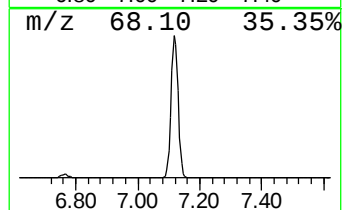
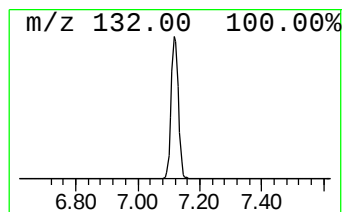
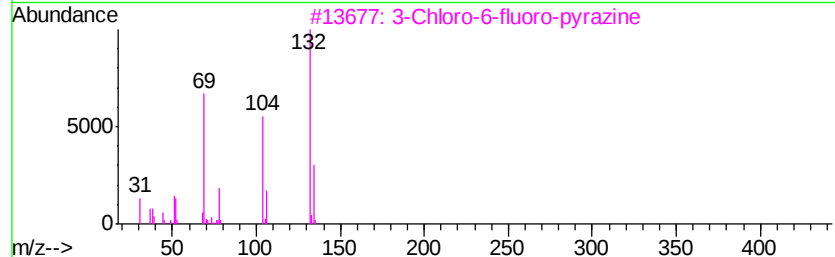
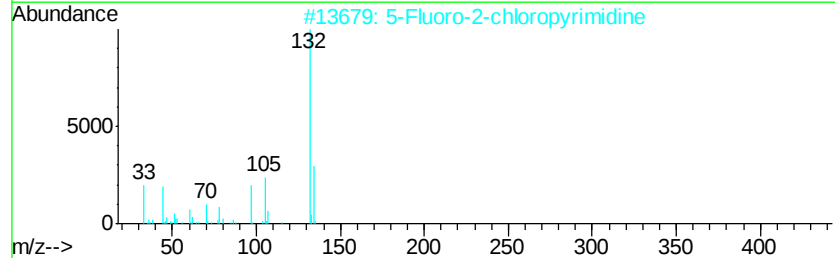
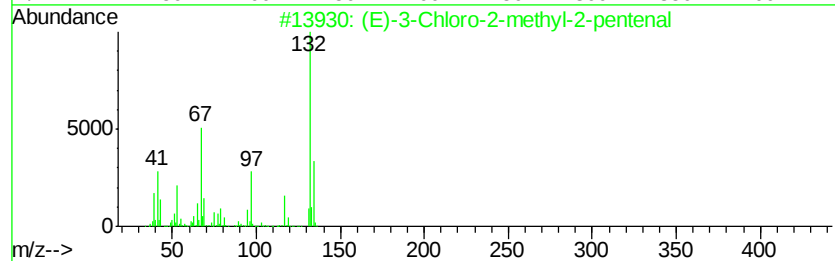
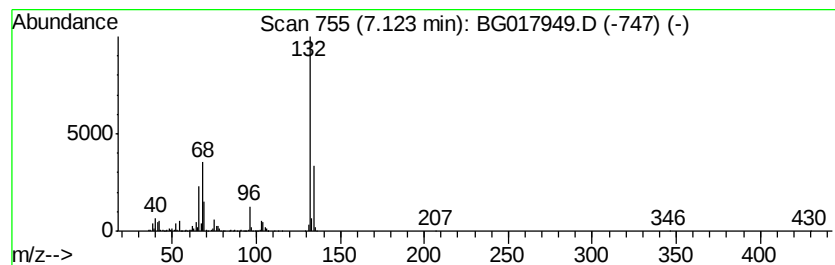
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	77.18 ng	2054500	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	12



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Misc :
ALS Vial : 28 Sample Multiplier: 1

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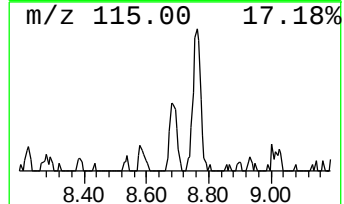
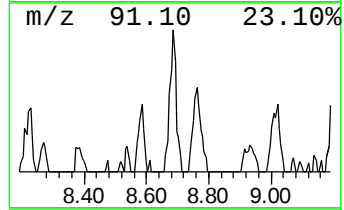
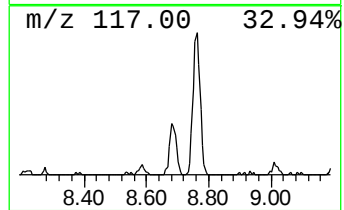
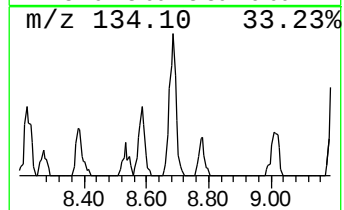
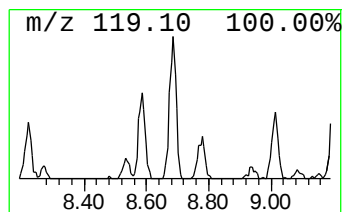
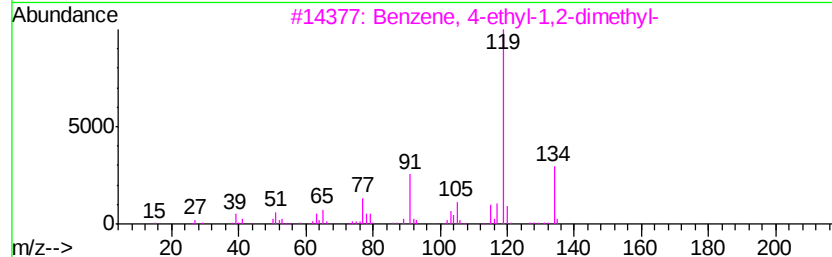
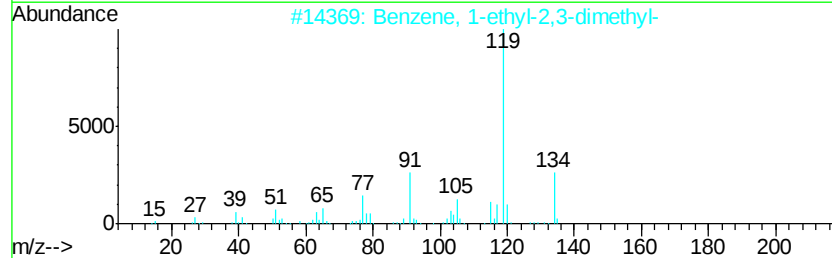
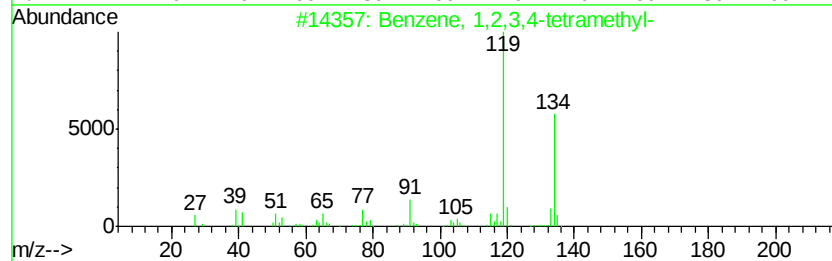
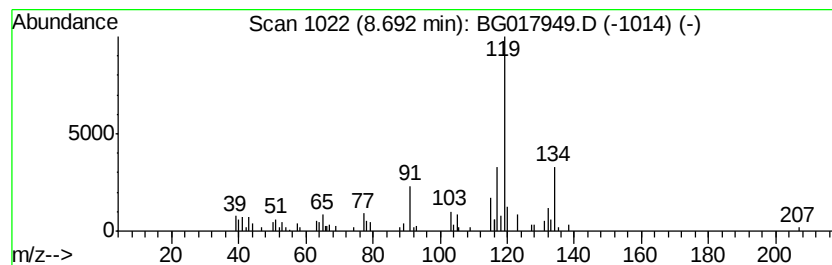
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	2.98 ng	79370	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,	1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81	
2	Benzene,	1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81	
3	Benzene,	4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81	
4	Benzene,	2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81	
5	Benzene,	1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76	



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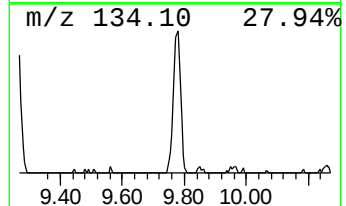
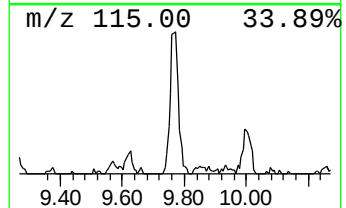
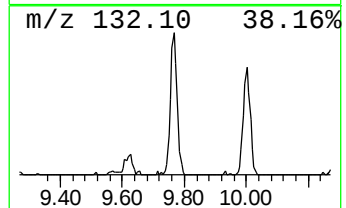
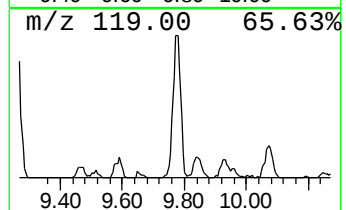
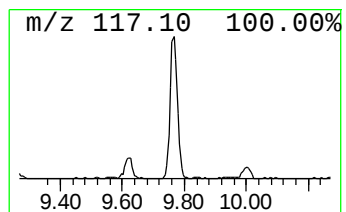
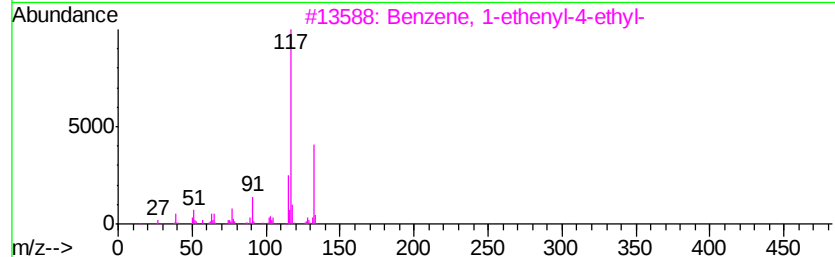
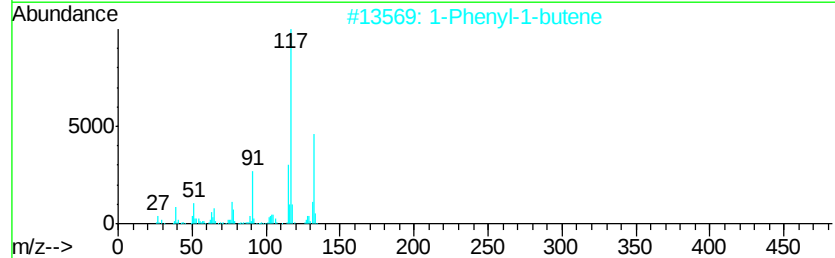
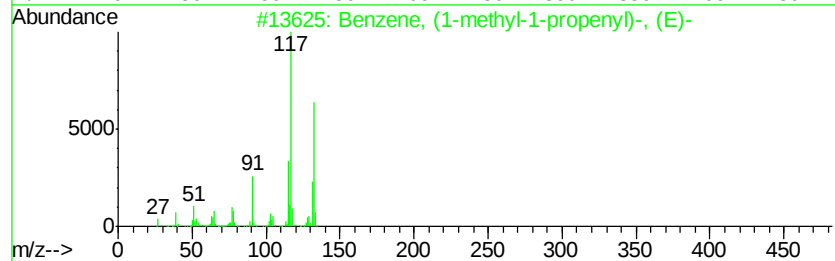
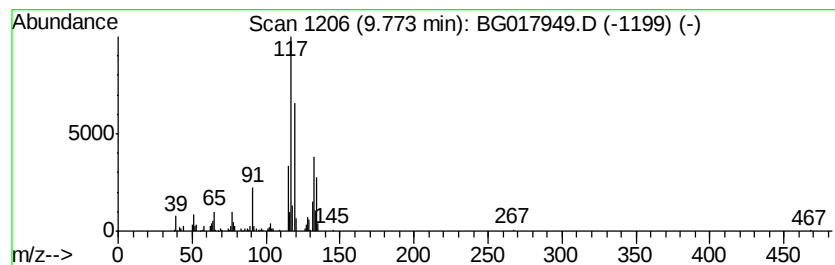
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	5.20 ng	222965	Napthalene-d8	10.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
2		1-Phenyl-1-butene	132	C10H12	000824-90-8	89
3		Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	86
4		Benzene, 2-butenyl-	132	C10H12	001560-06-1	76
5		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70



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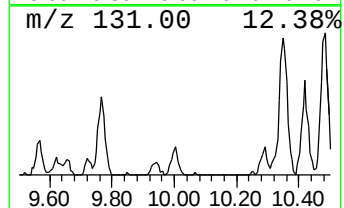
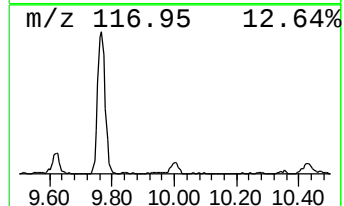
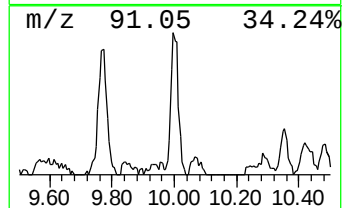
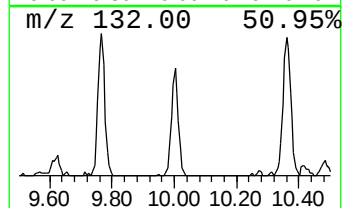
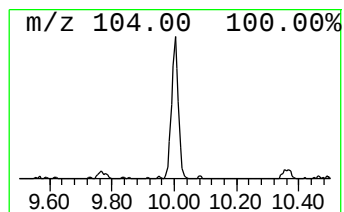
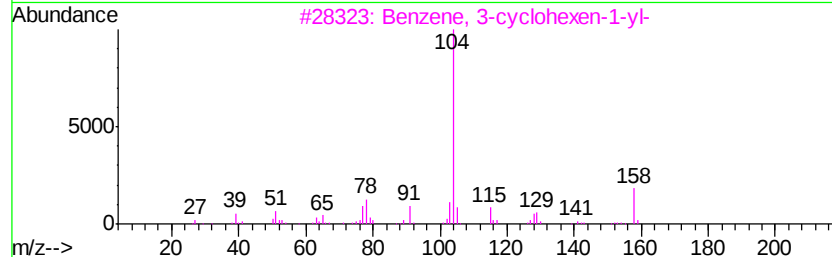
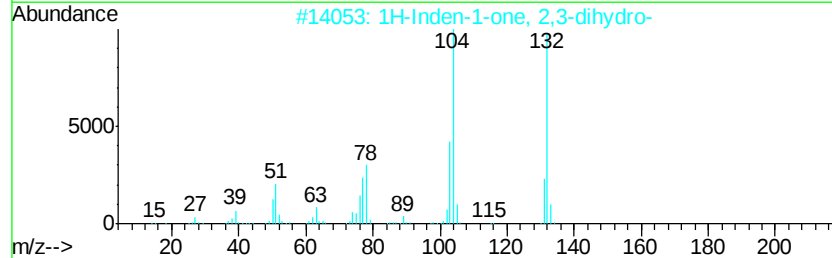
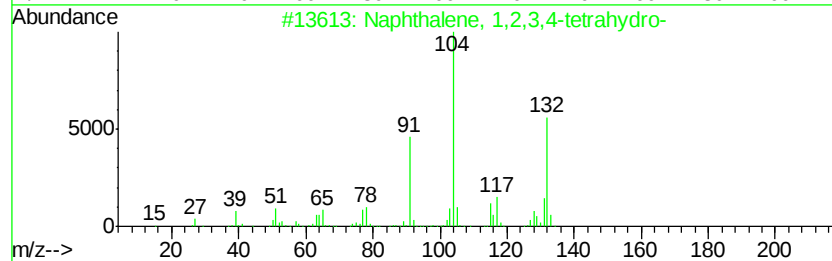
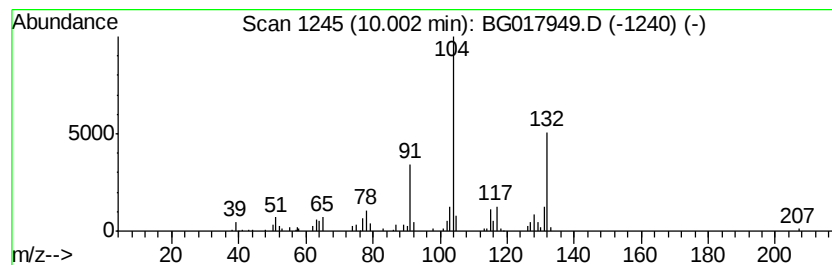
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	2.44 ng	104833	Naphthalene-d8	10.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	94
2		1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	53
3		Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	50
4		2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	50
5		Pentafluoropropionic acid, 2-phe...	268	C11H9F5O2	081089-48-7	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

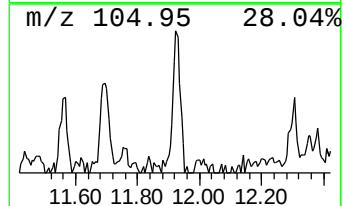
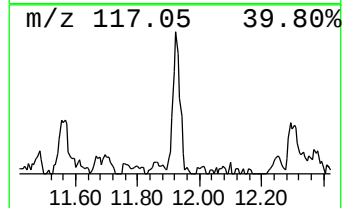
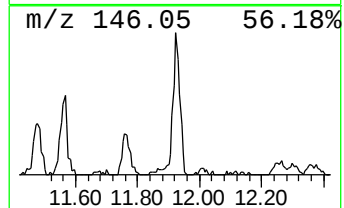
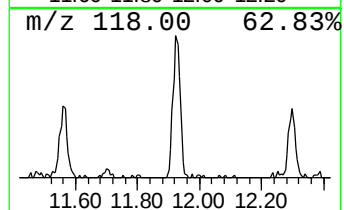
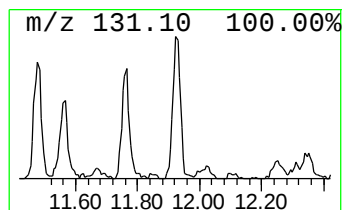
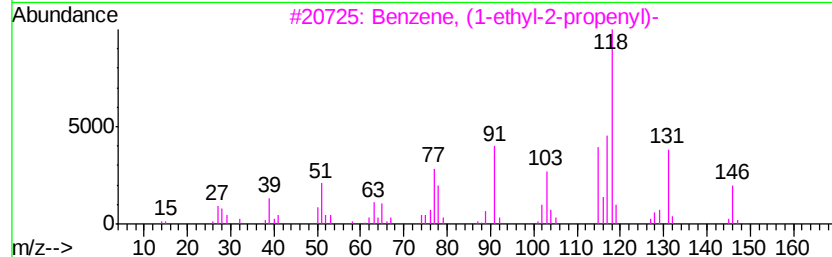
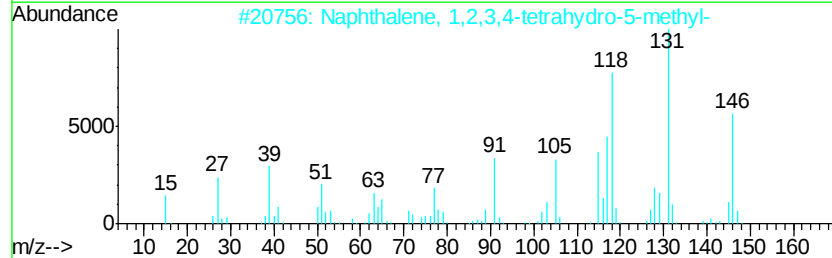
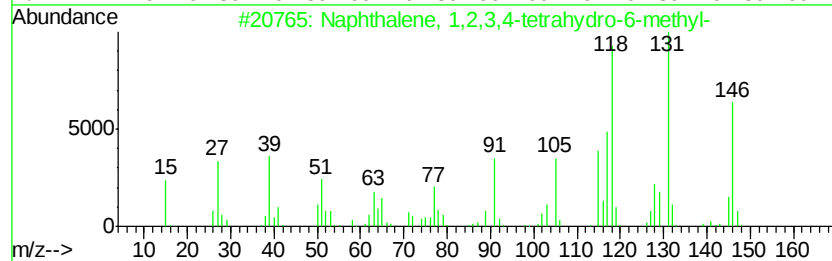
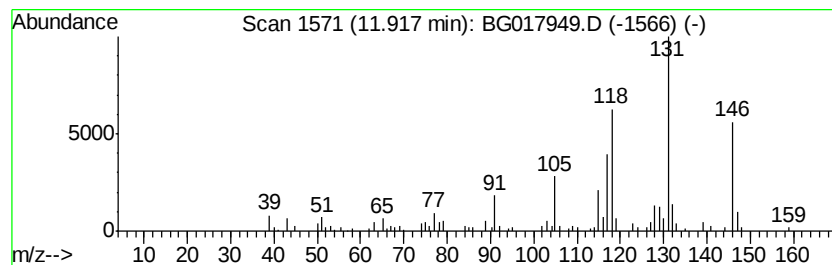
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.73 ng	159864	Naphthalene-d8	10.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	68
4		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	58
5		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

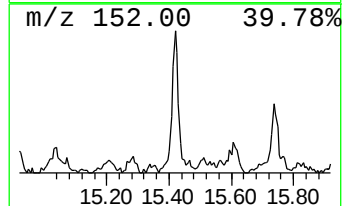
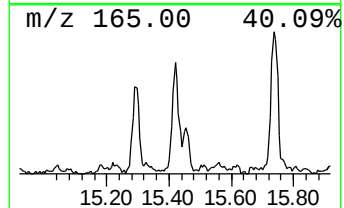
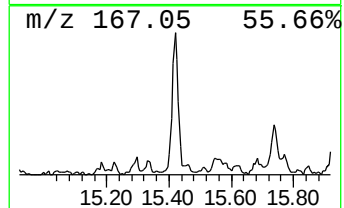
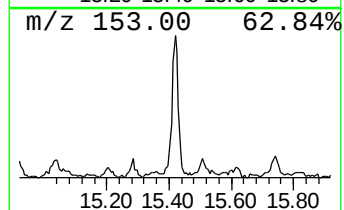
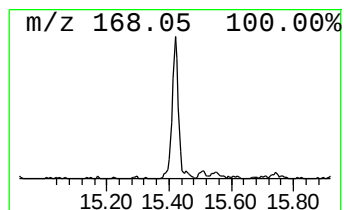
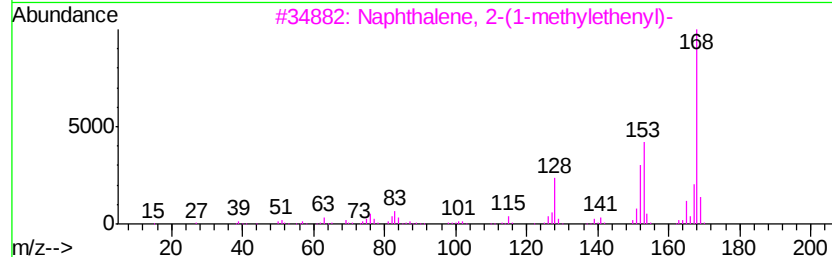
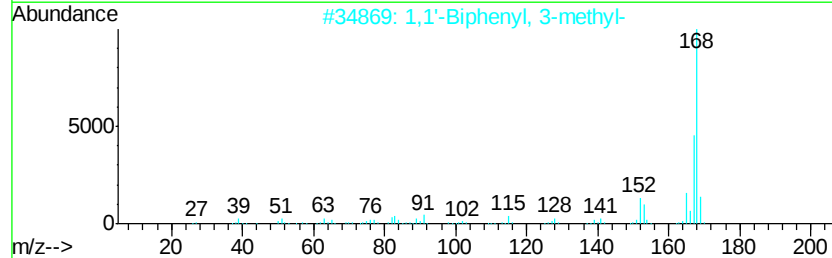
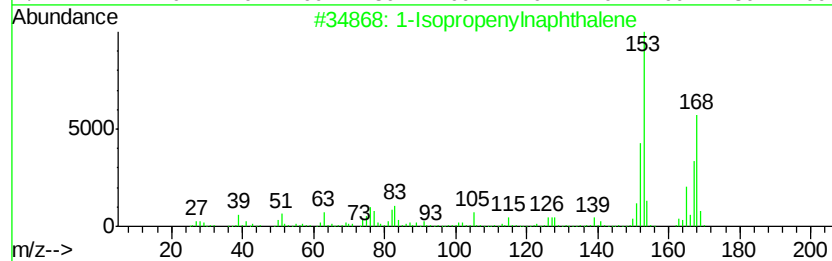
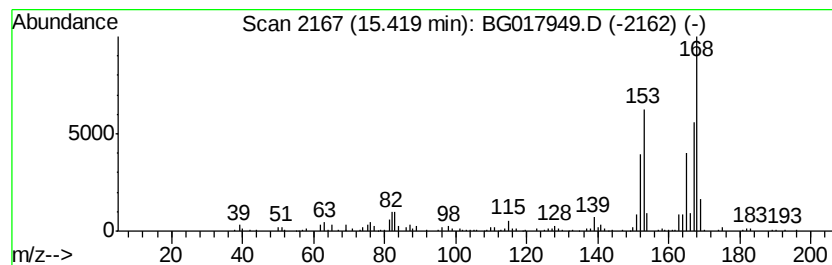
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ClientSampleId :
S-2(8.0-8.5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Isopropenylnaphthalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.42	3.07 ng	176249	Acenaphthene-d10		14.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	64
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

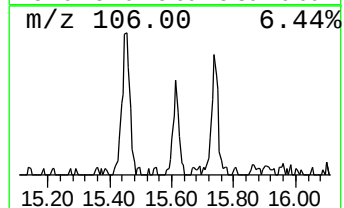
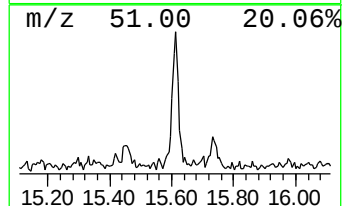
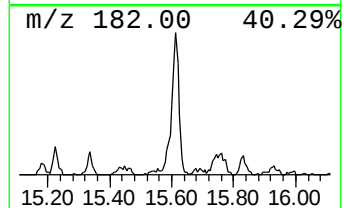
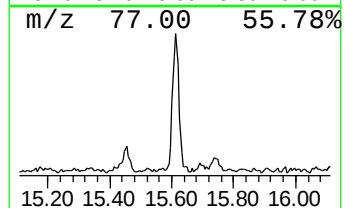
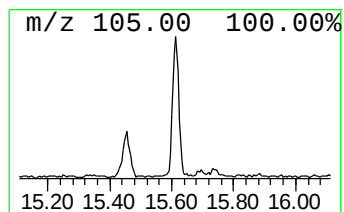
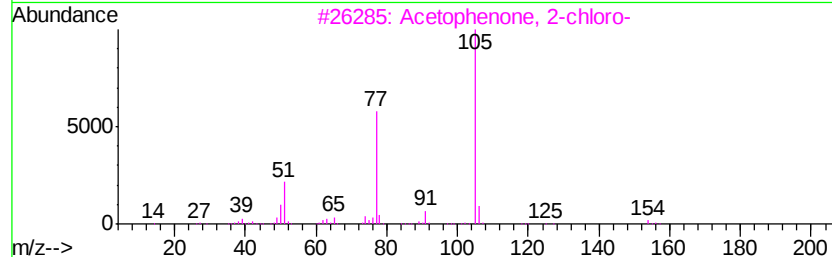
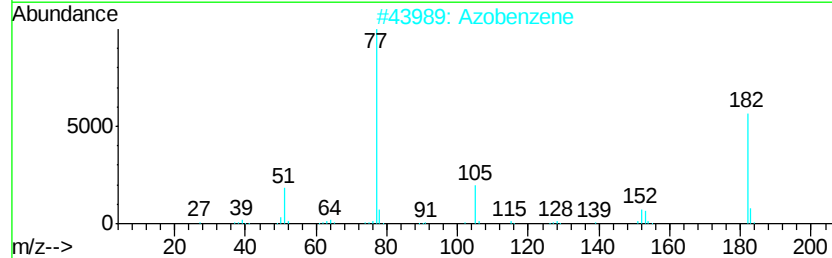
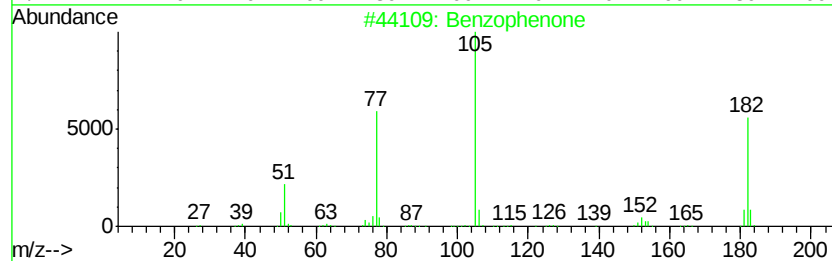
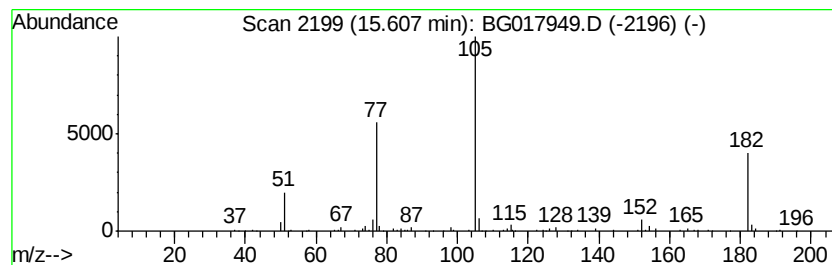
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.27 ng	130345	Acenaphthene-d10	14.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	93
2		Azobenzene	182	C12H10N2	000103-33-3	53
3		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	52
4		1,4-Butanedione, 1,4-diphenyl-	238	C16H14O2	000495-71-6	47
5		Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

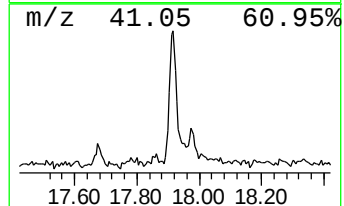
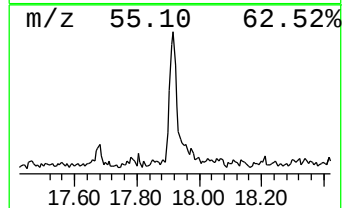
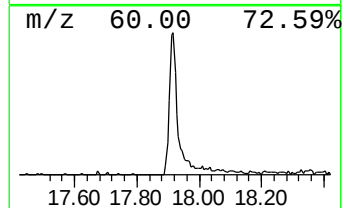
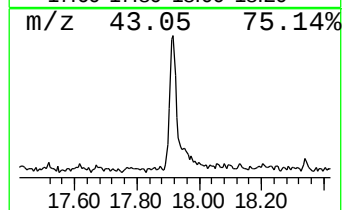
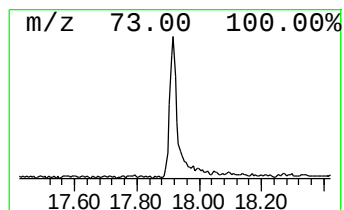
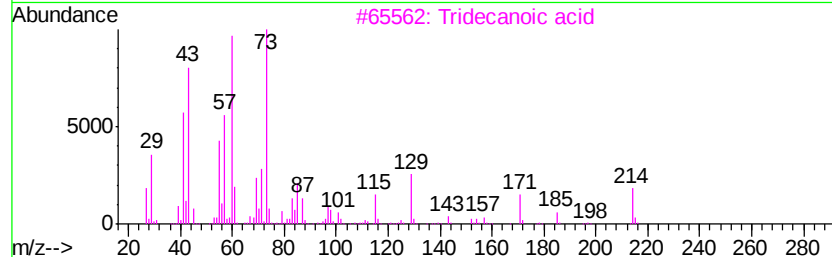
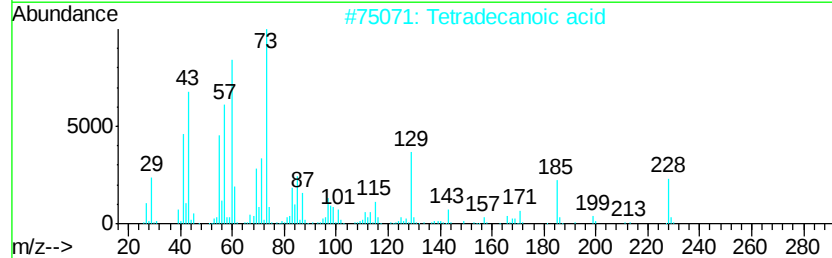
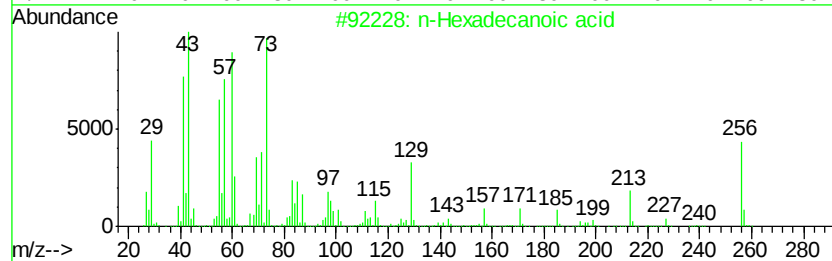
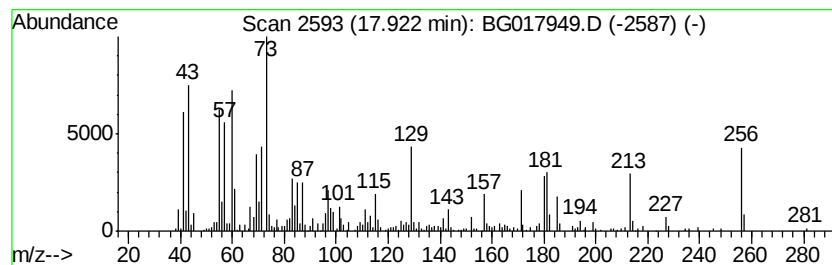
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	7.12 ng	450423	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3			Tridecanoic acid	214	C13H26O2	000638-53-9	64
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	55
5			Undecanoic acid	186	C11H22O2	000112-37-8	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

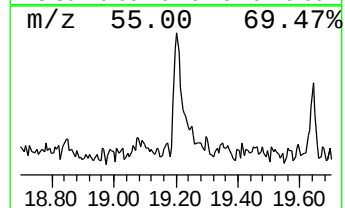
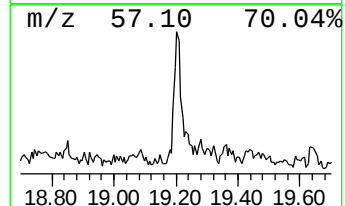
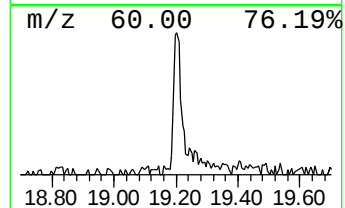
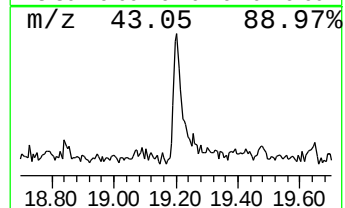
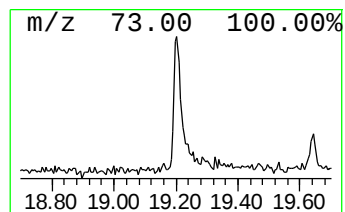
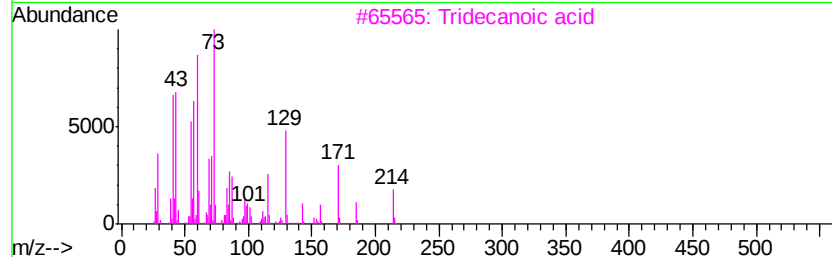
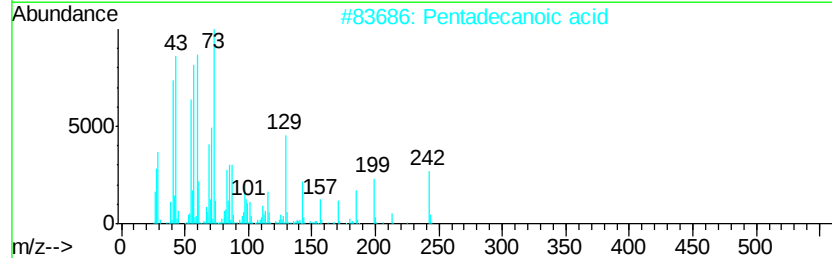
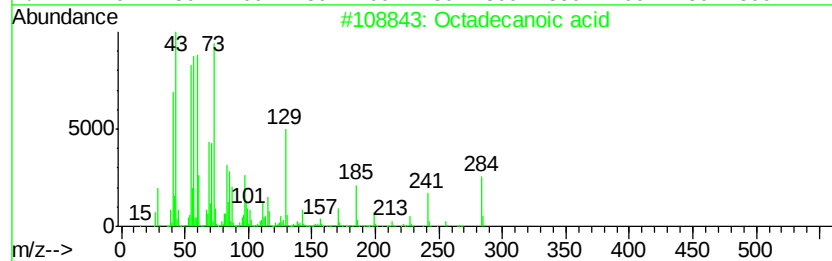
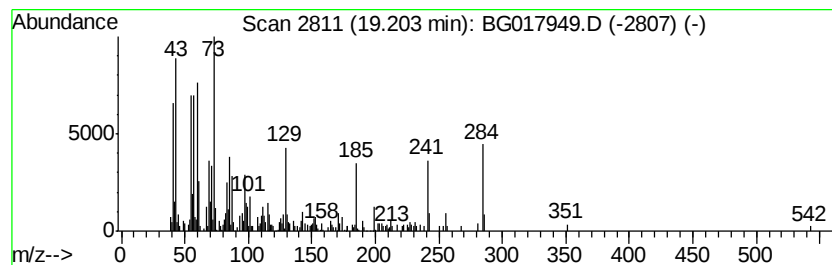
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.12 ng	152642	Chrysene-d12	21.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	52
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		n-Decanoic acid	172	C10H20O2	000334-48-5	46



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-2(8.0-8.5)

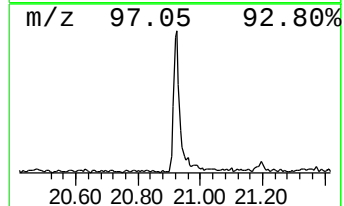
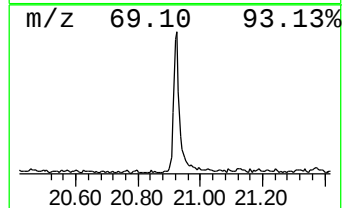
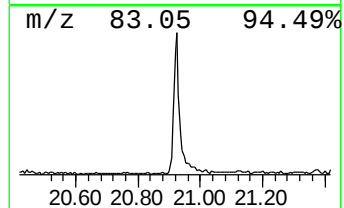
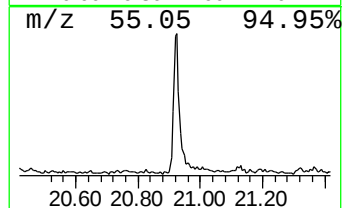
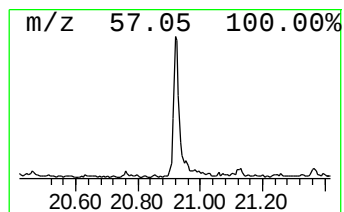
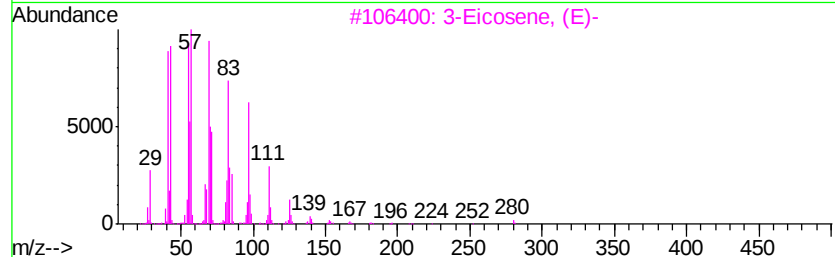
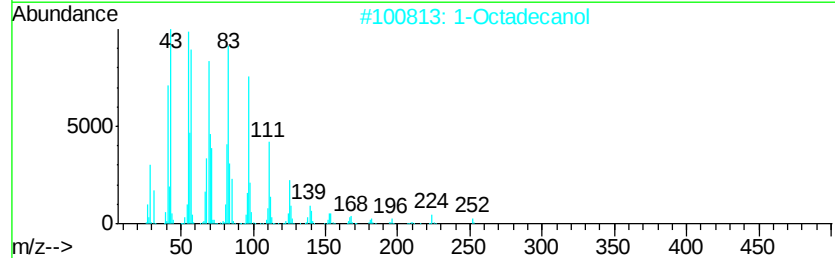
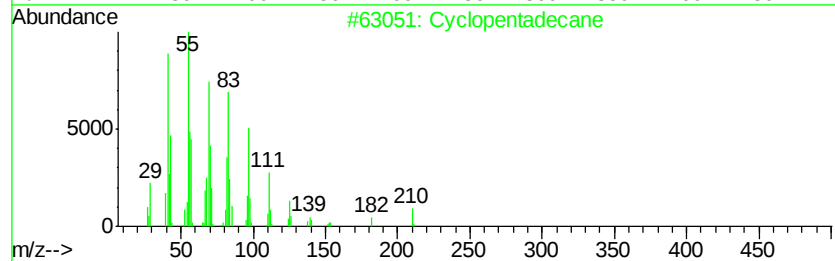
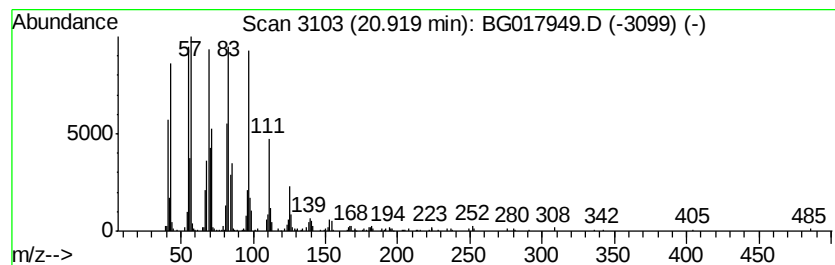
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	6.19 ng	445668	Chrysene-d12	21.19

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentadecane	210	C15H30	000295-48-7	95
2			1-Octadecanol	270	C18H38O	000112-92-5	94
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4			1-Nonadecene	266	C19H38	018435-45-5	89
5			1-Nonadecanol	284	C19H40O	001454-84-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.73	3.2	ng	84176	1	7.59	532404	20.0
unknown7.12	7.12	77.2	ng	2054500	1	7.59	532404	20.0
Benzene, 1,2,3,4-...	8.69	3.0	ng	79370	1	7.59	532404	20.0
Benzene, (1-methy...	9.77	5.2	ng	222965	2	10.37	858298	20.0
Naphthalene, 1,2,...	10.00	2.4	ng	104833	2	10.37	858298	20.0
Naphthalene, 1,2,...	11.92	3.7	ng	159864	2	10.37	858298	20.0
1-Isopropenyl naph...	15.42	3.1	ng	176249	3	14.24	1149510	20.0
Benzophenone	15.61	2.3	ng	130345	3	14.24	1149510	20.0
n-Hexadecanoic acid	17.92	7.1	ng	450423	4	16.99	1264910	20.0
Octadecanoic acid	19.20	2.1	ng	152642	5	21.19	1440900	20.0
Cyclopentadecane	20.92	6.2	ng	445668	5	21.19	1440900	20.0