

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022558.D
 Acq On : 25 Jun 2016 4:07
 Operator : UM/SJ
 Sample : H3630-13
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1409-TPGW01-0616

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-BG062516.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	5.240	403	409	415	rBV	165248	274570	2.81%	0.511%
2	5.704	481	488	498	rVB	1301932	2116380	21.64%	3.941%
3	7.303	754	760	768	rVB	940751	1586726	16.22%	2.955%
4	7.690	815	826	836	rBV	2247002	3873819	39.60%	7.213%
5	8.166	897	907	917	rBV	468208	866155	8.85%	1.613%
6	8.489	951	962	969	rBV	1941098	3448790	35.26%	6.422%
7	9.277	1088	1096	1100	rBV2	92928	176198	1.80%	0.328%
8	9.336	1100	1106	1115	rVB	1738036	3198051	32.69%	5.955%
9	9.806	1181	1186	1191	rBV3	69157	116291	1.19%	0.217%
10	10.170	1241	1248	1255	rBV10	49717	119373	1.22%	0.222%
11	10.381	1279	1284	1290	rVB	127981	219847	2.25%	0.409%
12	10.992	1375	1388	1396	rBV	677887	1326090	13.56%	2.469%
13	12.855	1699	1705	1712	rBV2	131752	219980	2.25%	0.410%
14	13.331	1780	1786	1790	rBV4	71032	111263	1.14%	0.207%
15	13.425	1795	1802	1811	rVB	4425011	7089349	72.48%	13.201%
16	13.965	1885	1894	1906	rBV	100618	445182	4.55%	0.829%
17	14.118	1915	1920	1925	rBV2	147147	272885	2.79%	0.508%
18	14.171	1925	1929	1935	rVB4	88533	150000	1.53%	0.279%
19	14.242	1936	1941	1944	rBV	132868	210010	2.15%	0.391%
20	14.800	2030	2036	2043	rVB3	1041007	1723261	17.62%	3.209%
21	15.264	2110	2115	2118	rBV7	67662	117355	1.20%	0.219%
22	15.411	2137	2140	2145	rVB7	71932	115022	1.18%	0.214%
23	15.822	2206	2210	2216	rVV9	88333	164050	1.68%	0.305%
24	15.881	2217	2220	2226	rVB8	60081	103395	1.06%	0.193%
25	16.286	2280	2289	2299	rBV	4836915	7343807	75.08%	13.675%
26	17.549	2498	2504	2509	rVB	1529421	2224865	22.75%	4.143%
27	18.425	2649	2653	2658	rBV2	294833	439822	4.50%	0.819%
28	19.688	2864	2868	2872	rBV2	349264	468708	4.79%	0.873%
29	20.146	2941	2946	2953	rVB	7530677	9781576	100.00%	18.214%
30	21.839	3228	3234	3245	rVB	1613046	2852192	29.16%	5.311%
31	25.199	3798	3806	3820	rVB2	871449	2547790	26.05%	4.744%

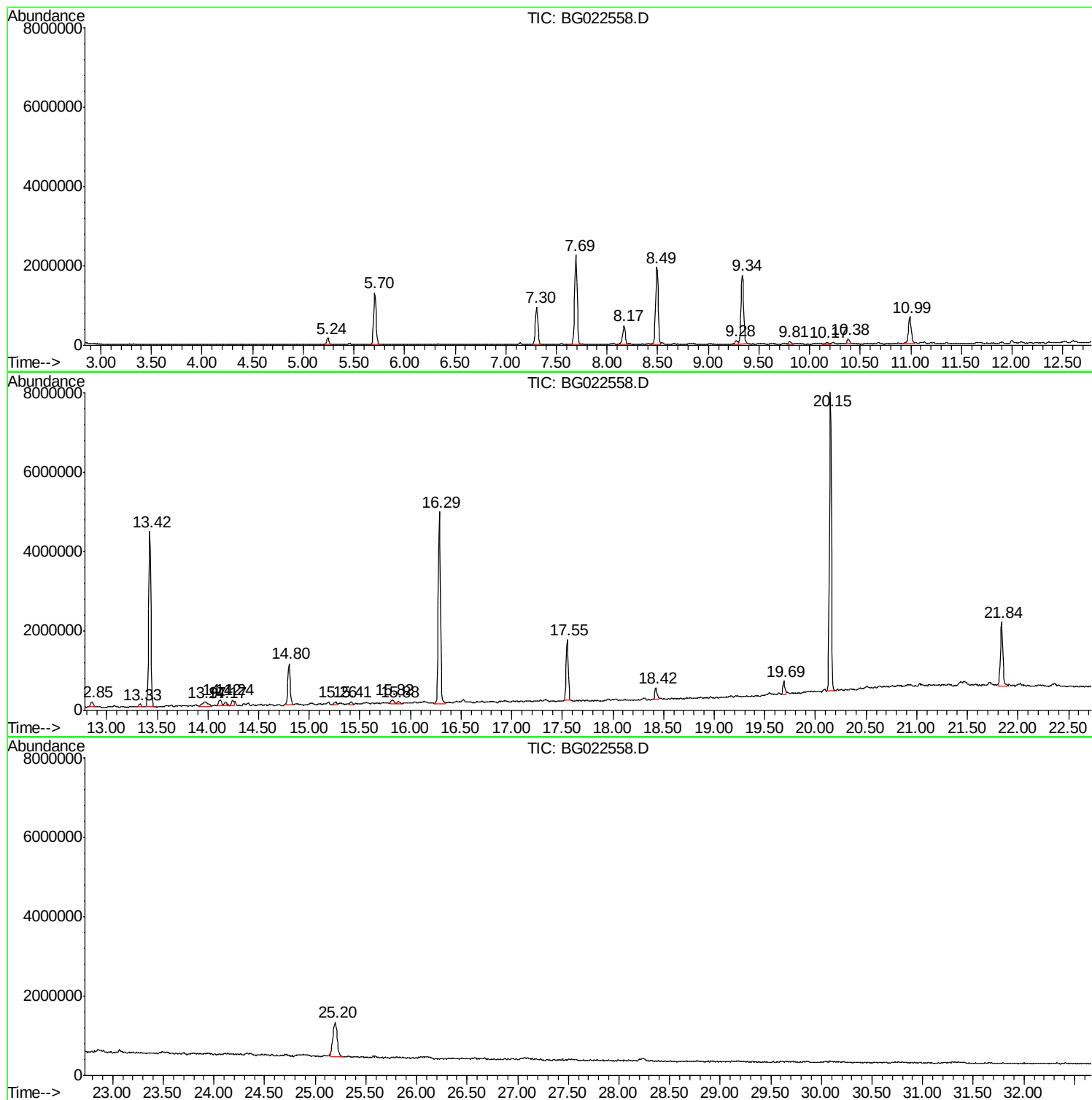
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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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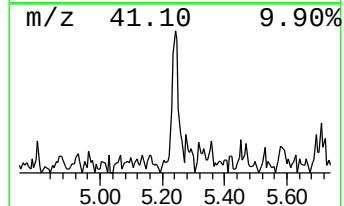
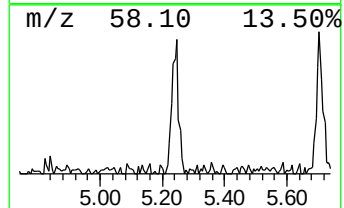
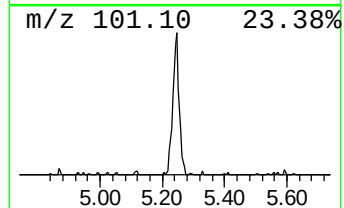
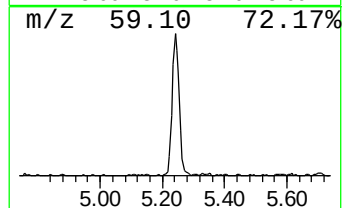
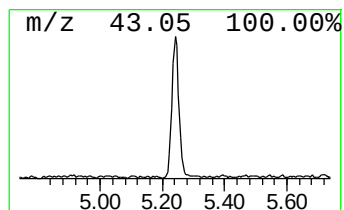
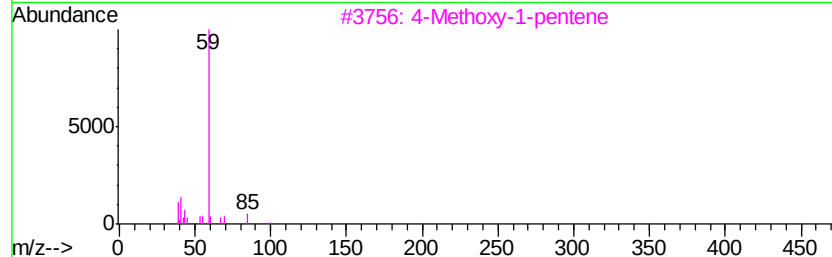
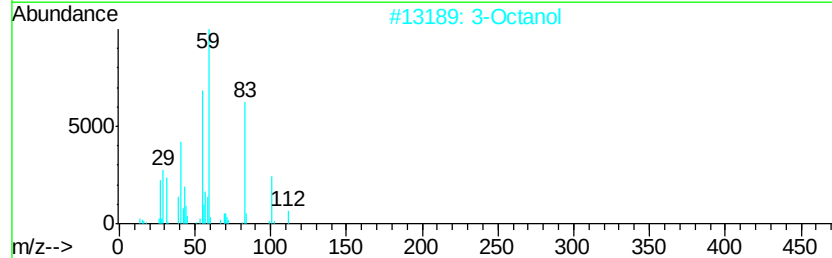
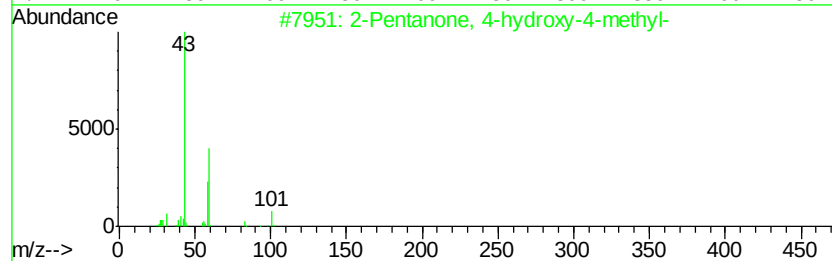
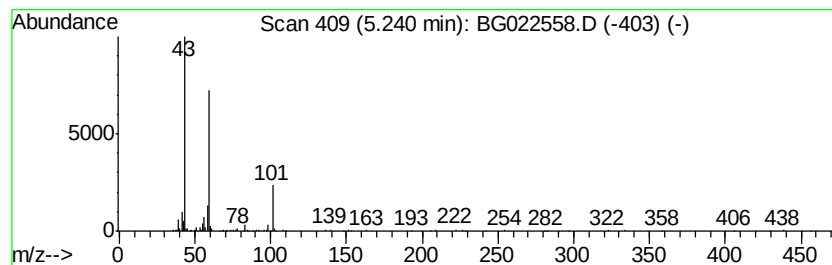
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	6.34 ng	274570	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2		3-Octanol	130	C8H18O	000589-98-0	33
3		4-Methoxy-1-pentene	100	C6H12O	098386-09-5	27
4		1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	23
5		3-Pentanol	88	C5H12O	000584-02-1	23



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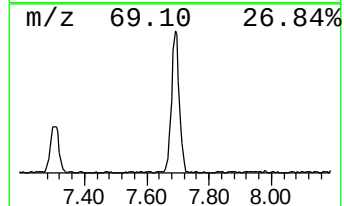
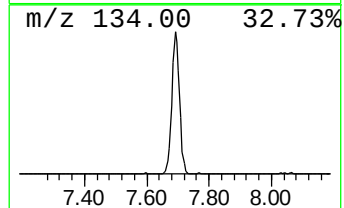
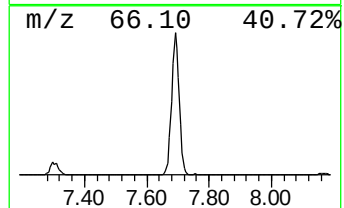
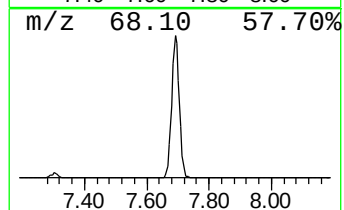
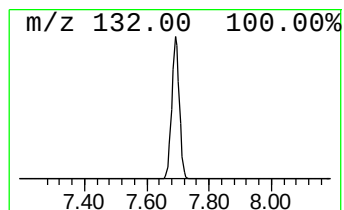
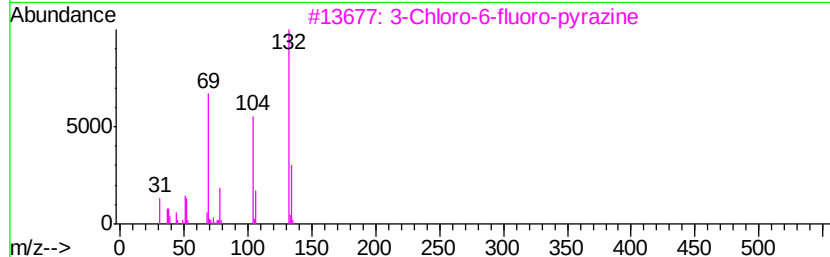
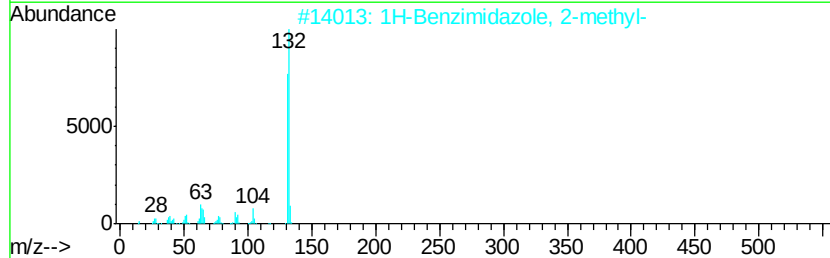
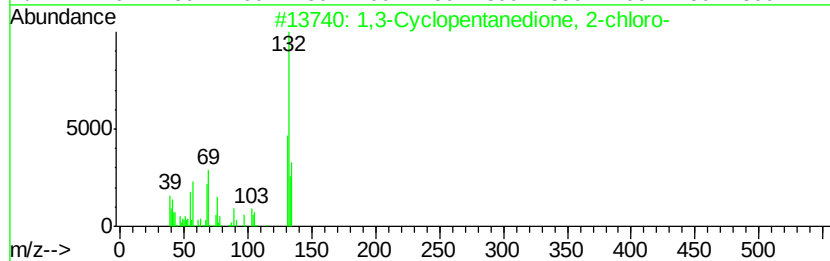
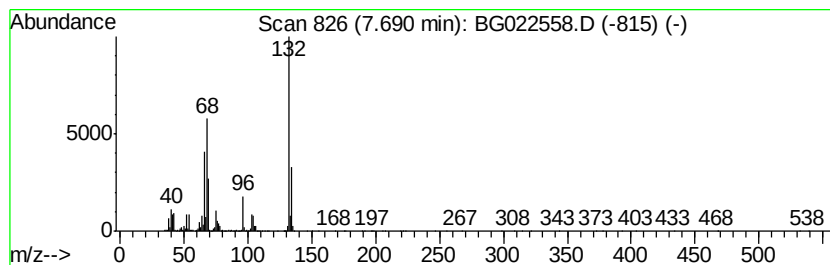
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	89.45 ng	3873820	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



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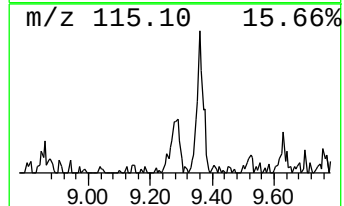
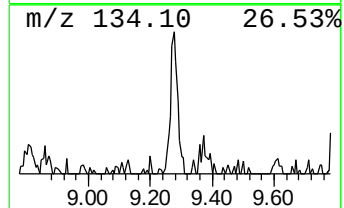
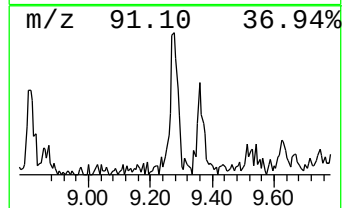
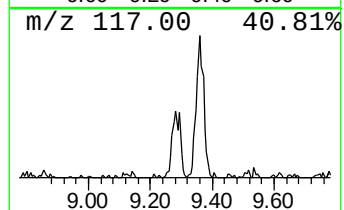
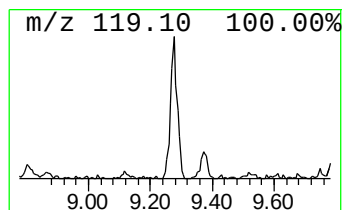
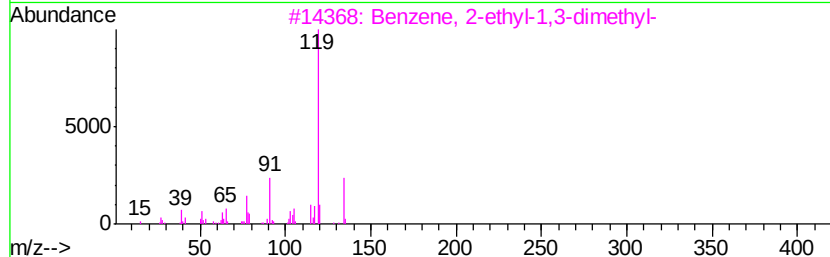
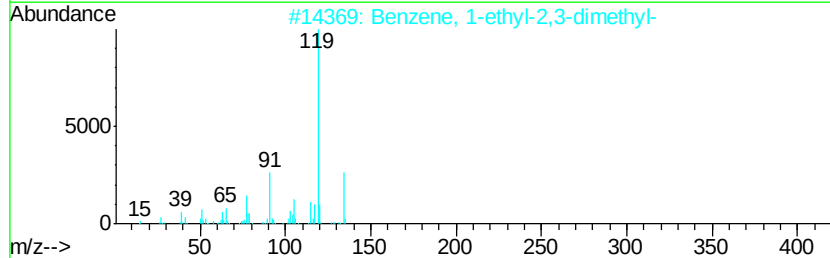
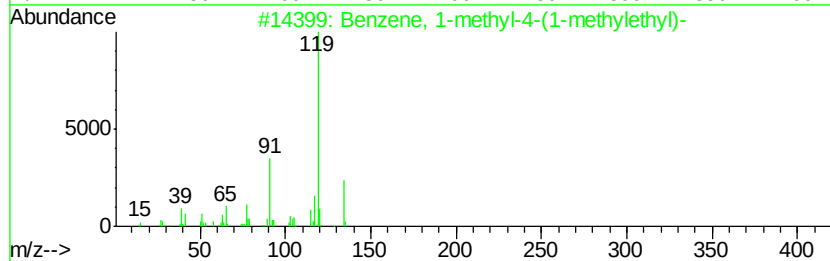
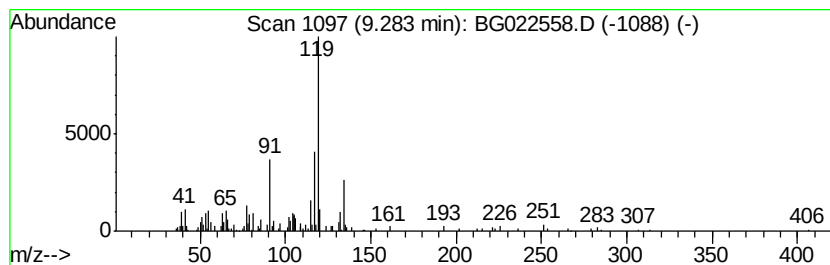
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Benzene, 1-methyl-4-(1-meth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	4.07 ng	176198	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	87
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
5		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	74



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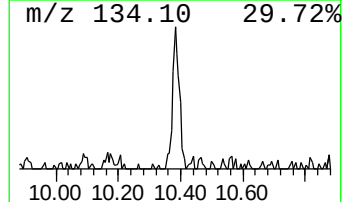
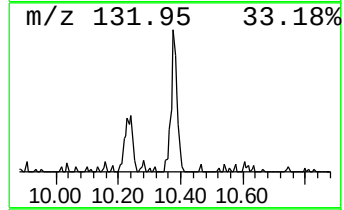
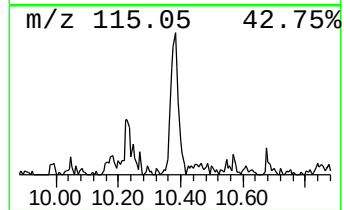
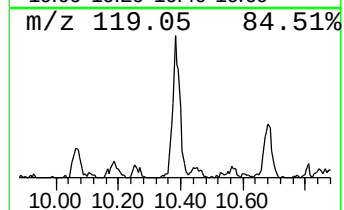
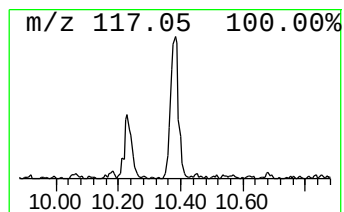
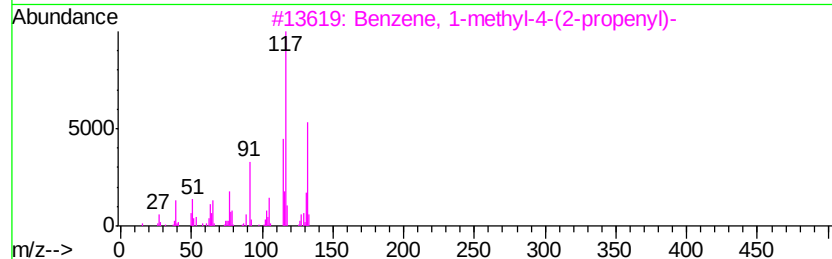
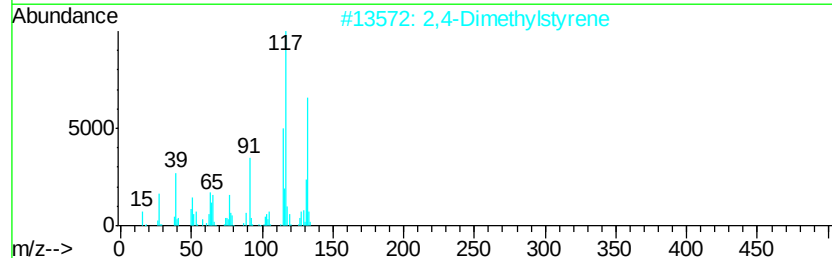
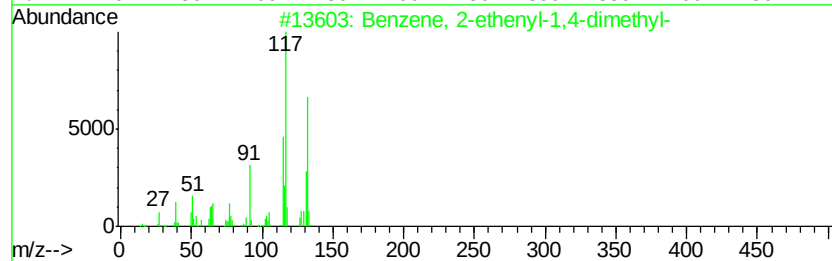
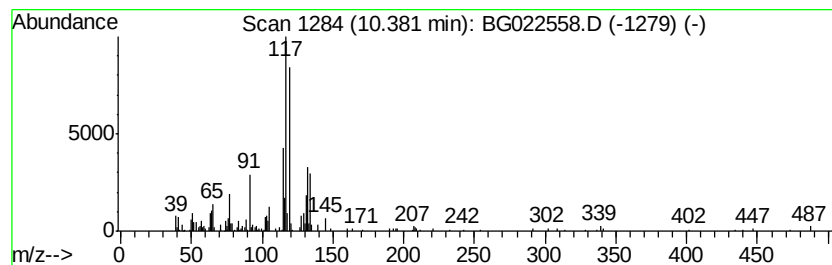
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	3.32 ng	219847	Naphthalene-d8	10.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2		2,4-Dimethylstyrene	132	C10H12	002234-20-0	78
3		Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
4		Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	78
5		Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	60



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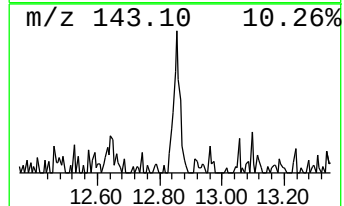
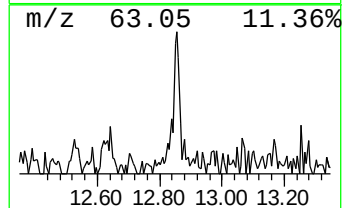
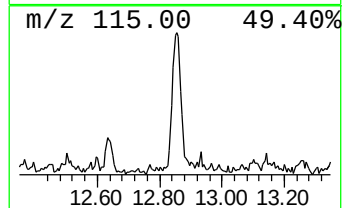
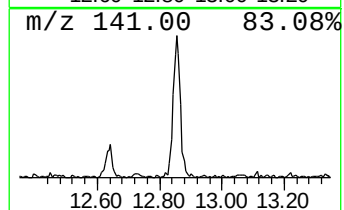
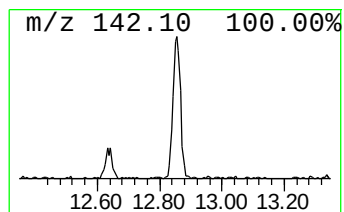
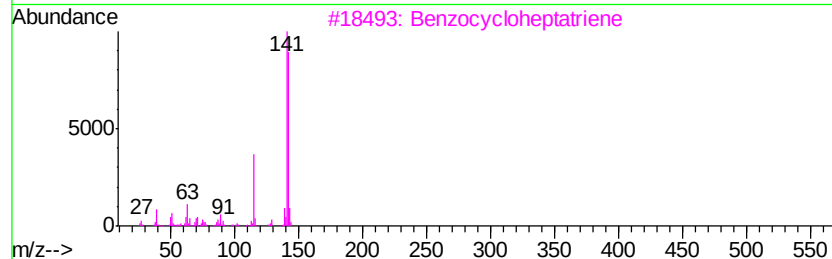
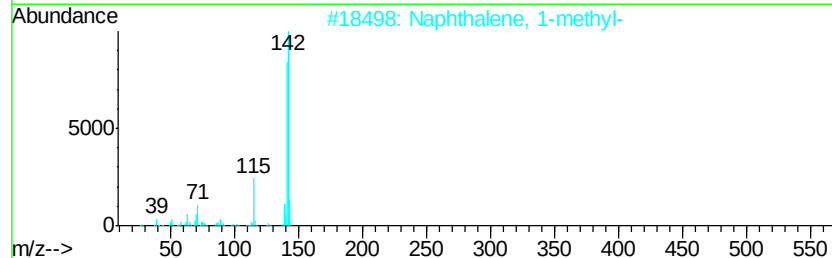
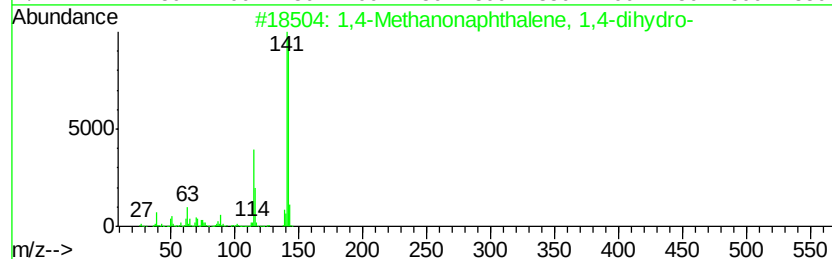
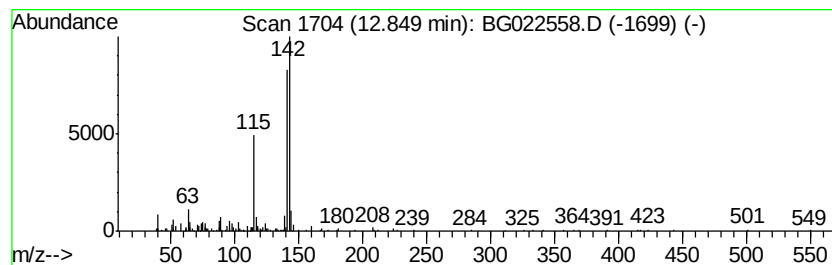
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,4-Methanonaphthalene, 1,4... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.85	3.32 ng	219980	Naphthalene-d8	10.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Benzocycloheptatriene	142	C11H10	000264-09-5	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Naphthalene, 2-hexyl-	212	C16H20	002876-46-2	74



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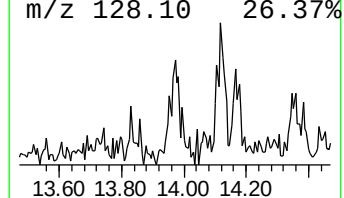
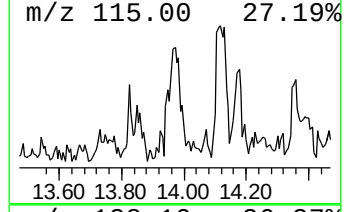
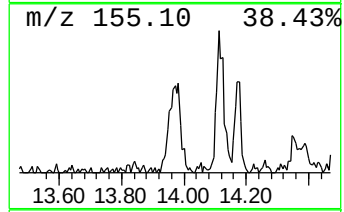
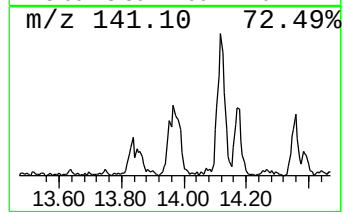
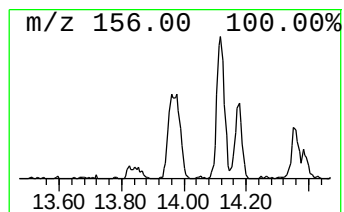
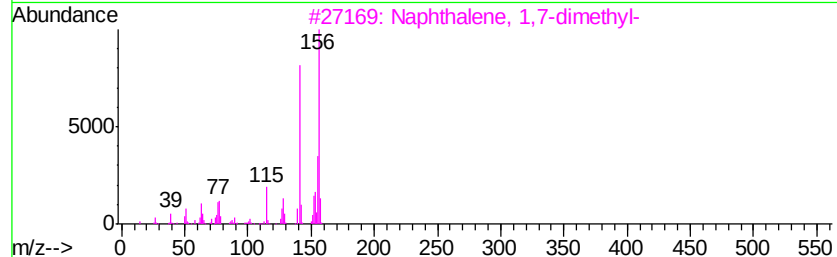
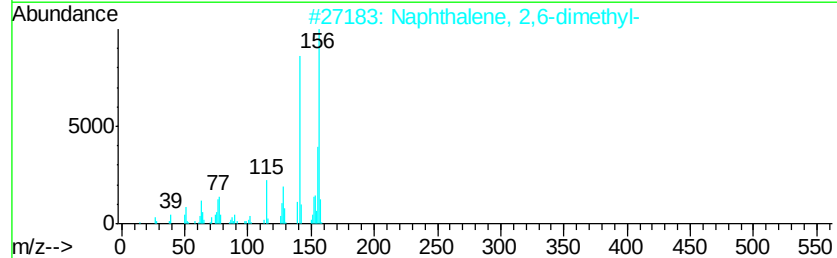
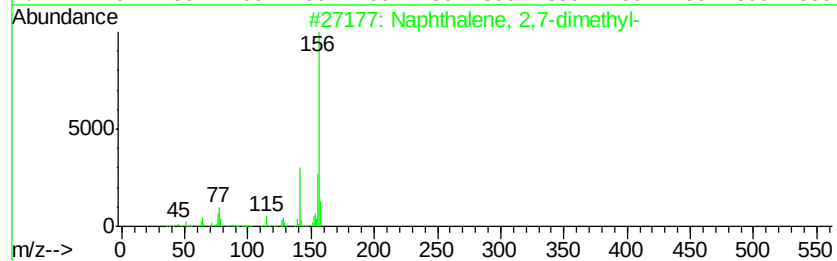
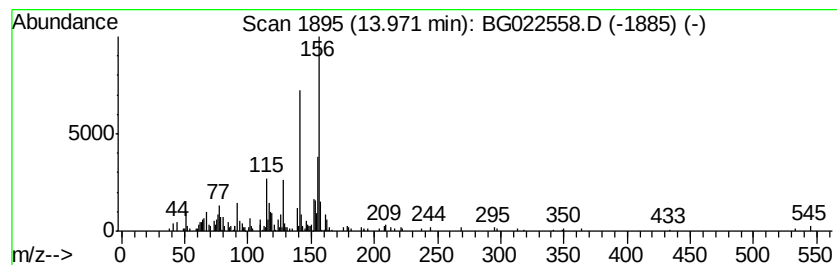
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.17 ng	445182	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022558.D
Acq On : 25 Jun 2016 4:07
Operator : UM/SJ
Sample : H3630-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

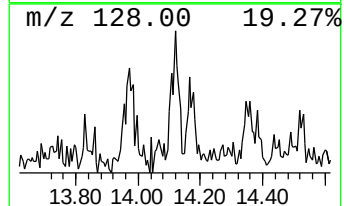
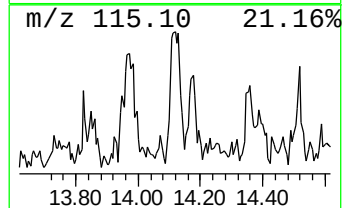
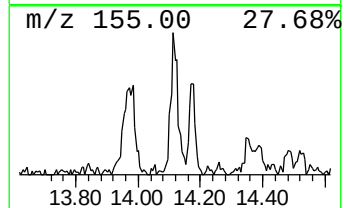
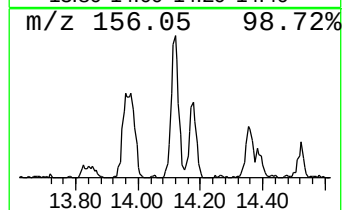
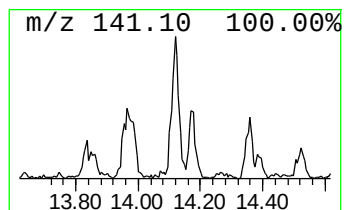
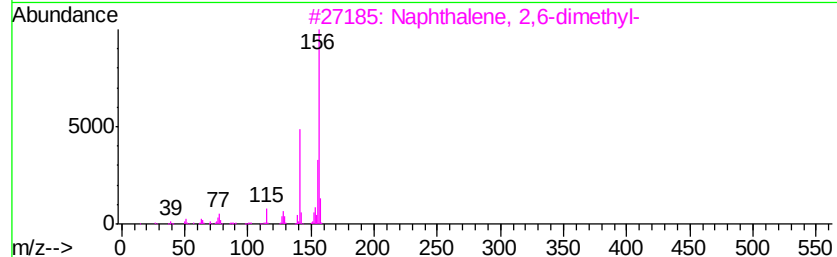
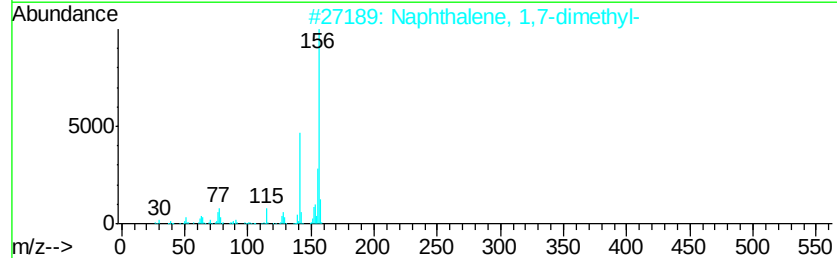
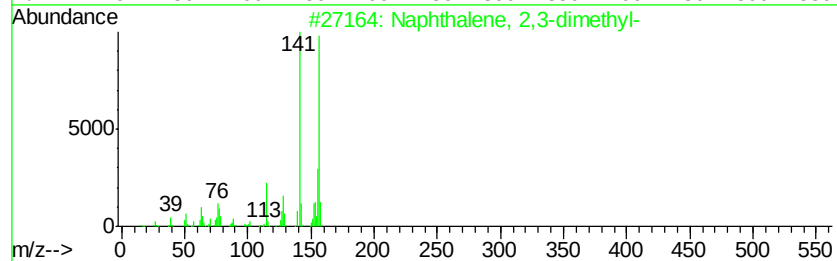
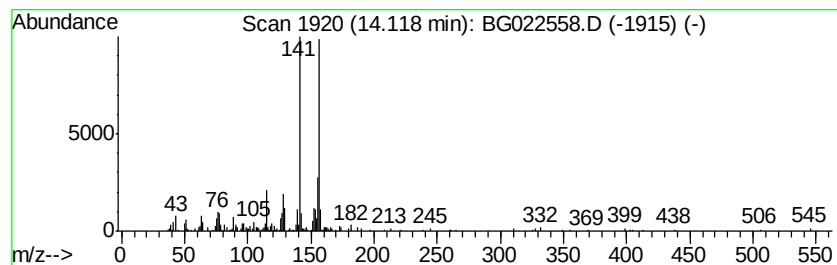
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	3.17 ng	272885	Acenaphthene-d10	14.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022558.D
Acq On : 25 Jun 2016 4:07
Operator : UM/SJ
Sample : H3630-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

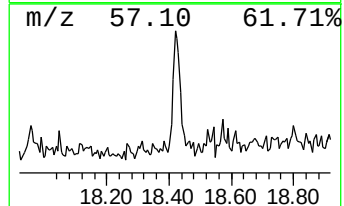
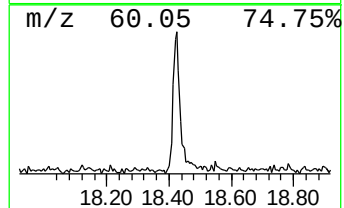
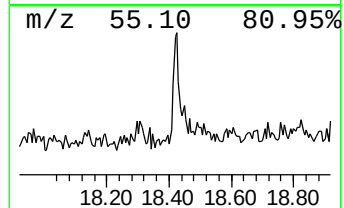
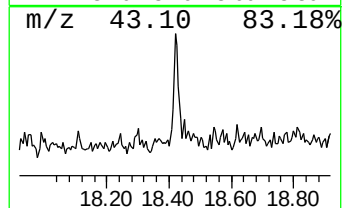
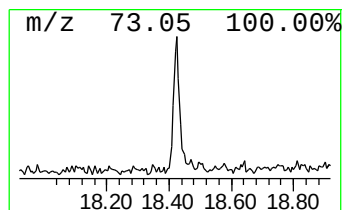
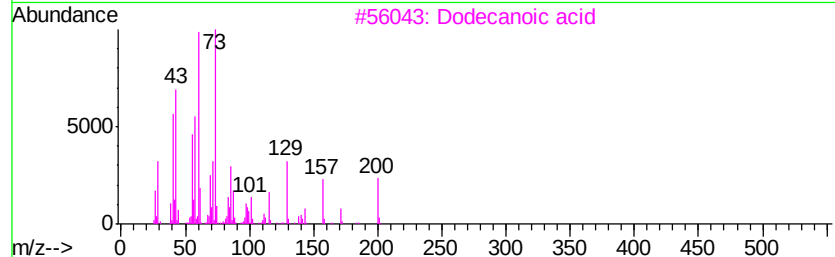
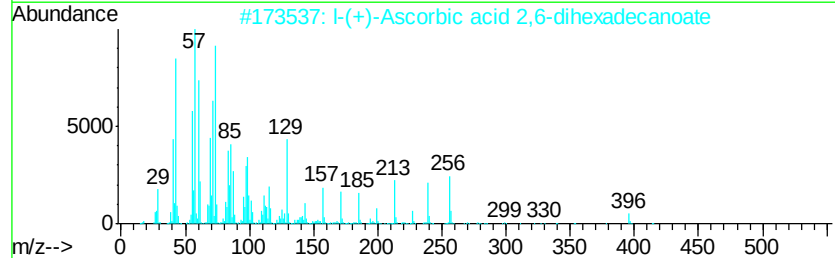
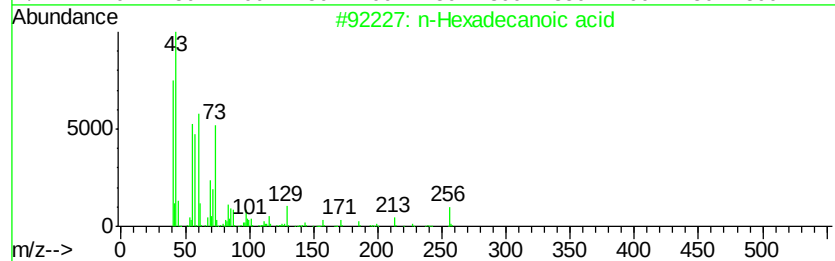
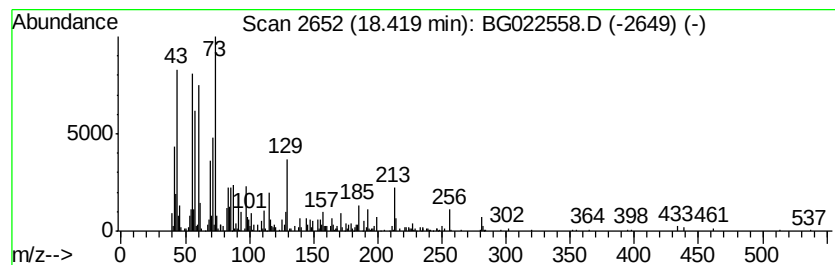
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.95 ng	439822	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	64
3		Dodecanoic acid	200	C12H24O2	000143-07-7	47
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5		Undecanoic acid	186	C11H22O2	000112-37-8	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022558.D
Acq On : 25 Jun 2016 4:07
Operator : UM/SJ
Sample : H3630-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

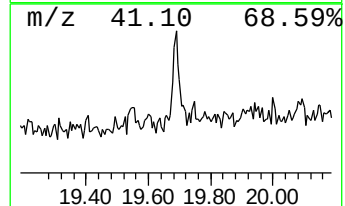
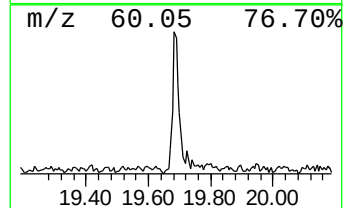
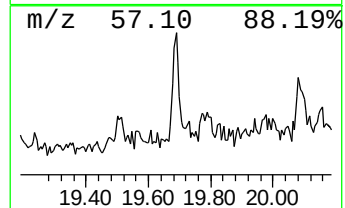
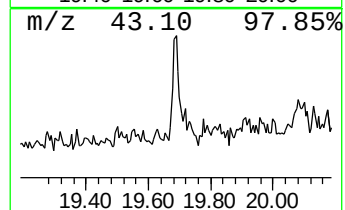
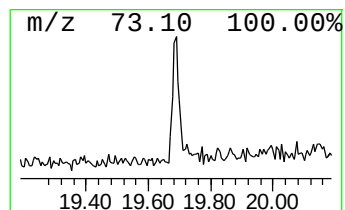
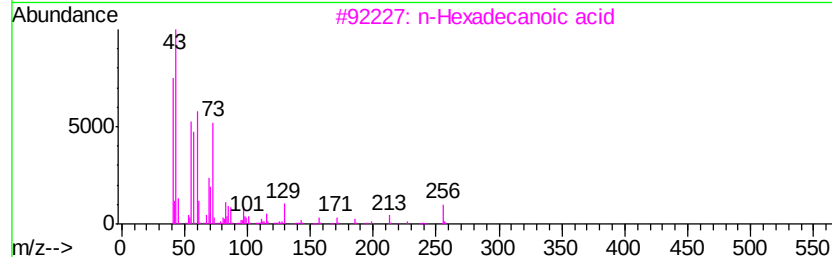
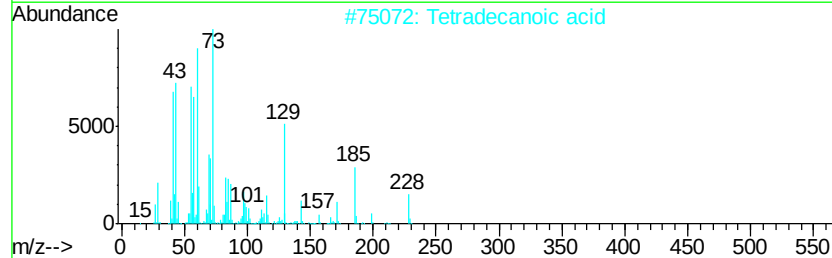
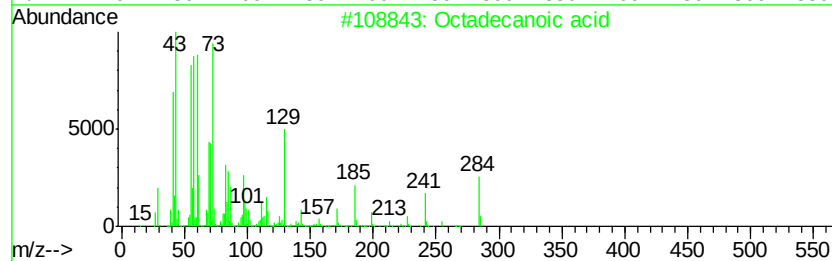
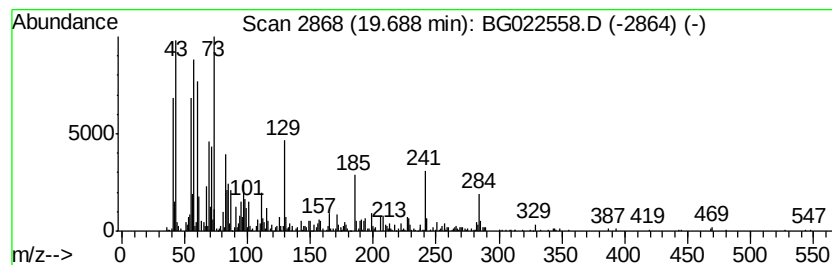
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	4.21 ng	468708	Phenanthrene-d10	17.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	52
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022558.D
Acq On : 25 Jun 2016 4:07
Operator : UM/SJ
Sample : H3630-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B1409-TPGW01-0616

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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...	5.24	6.3	ng	274570	1	8.17	866155	20.0
unknown7.69	7.69	89.5	ng	3873820	1	8.17	866155	20.0
Benzene, 1-methyl...	9.28	4.1	ng	176198	1	8.17	866155	20.0
Benzene, 2-etheny...	10.38	3.3	ng	219847	2	10.99	1326090	20.0
1,4-Methanonaphth...	12.85	3.3	ng	219980	2	10.99	1326090	20.0
Naphthalene, 2,7-...	13.97	5.2	ng	445182	3	14.80	1723260	20.0
Naphthalene, 2,3-...	14.12	3.2	ng	272885	3	14.80	1723260	20.0
n-Hexadecanoic acid	18.42	4.0	ng	439822	4	17.55	2224870	20.0
Octadecanoic acid	19.69	4.2	ng	468708	4	17.55	2224870	20.0