

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020058.D
 Acq On : 10 Dec 2015 00:28
 Operator : UM/SJ
 Sample : G4659-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A8-2C

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-BG120215.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	2.988	20	25	44	rVB	1155190	1602936	85.56%	13.261%
2	5.185	393	399	409	rVB	82084	123212	6.58%	1.019%
3	5.655	473	479	492	rVB	408593	662016	35.34%	5.477%
4	7.265	745	753	764	rVB	447250	766224	40.90%	6.339%
5	7.641	810	817	829	rBV	438414	740108	39.51%	6.123%
6	8.111	889	897	903	rBV	68940	112926	6.03%	0.934%
7	8.434	944	952	959	rBV	302403	522473	27.89%	4.322%
8	9.280	1088	1096	1106	rVB	264539	472718	25.23%	3.911%
9	10.926	1369	1376	1386	rVB	100875	175379	9.36%	1.451%
10	13.364	1783	1791	1802	rVB	794850	1177903	62.88%	9.745%
11	14.181	1924	1930	1938	rBV	92049	129928	6.94%	1.075%
12	14.739	2018	2025	2036	rVB2	165406	265126	14.15%	2.193%
13	16.225	2268	2278	2290	rBV	676871	1017819	54.33%	8.420%
14	17.483	2485	2492	2497	rBV	217272	331651	17.70%	2.744%
15	18.352	2635	2640	2646	rBV	89332	119482	6.38%	0.988%
16	18.746	2703	2707	2710	rBV4	18209	22663	1.21%	0.187%
17	19.228	2784	2789	2793	rBV6	16307	18824	1.00%	0.156%
18	19.621	2850	2856	2859	rBV3	61148	89632	4.78%	0.742%
19	19.668	2859	2864	2869	rVB	173405	222205	11.86%	1.838%
20	19.833	2886	2892	2894	rBV	158666	241239	12.88%	1.996%
21	19.856	2894	2896	2901	rVB	117720	127344	6.80%	1.054%
22	20.079	2928	2934	2940	rBV	1400740	1873357	100.00%	15.498%
23	20.591	3017	3021	3025	rVB3	37389	47422	2.53%	0.392%
24	20.796	3052	3056	3062	rBV	48963	66877	3.57%	0.553%
25	21.378	3150	3155	3163	rBV	58524	93142	4.97%	0.771%
26	21.631	3194	3198	3203	rVB	18363	24703	1.32%	0.204%
27	21.754	3212	3219	3225	rBV	270415	445267	23.77%	3.684%
28	23.240	3465	3472	3487	rBV2	73594	157668	8.42%	1.304%
29	25.027	3766	3776	3790	rVB2	141630	412664	22.03%	3.414%
30	26.208	3970	3977	3986	rVB8	8397	24625	1.31%	0.204%

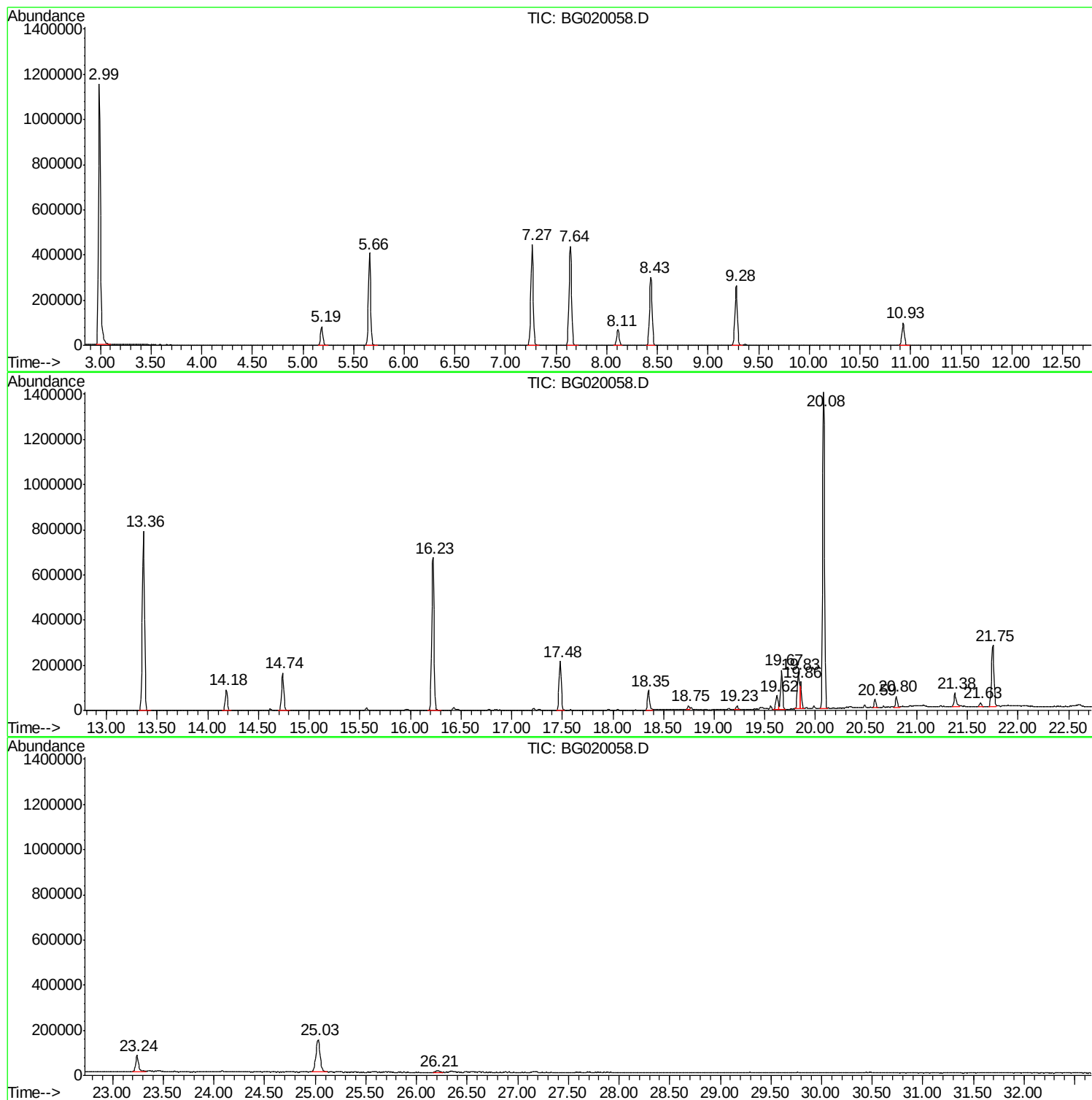
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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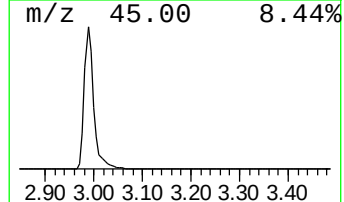
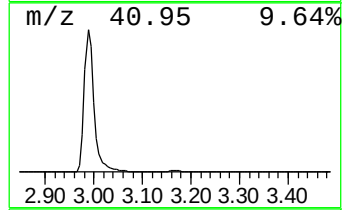
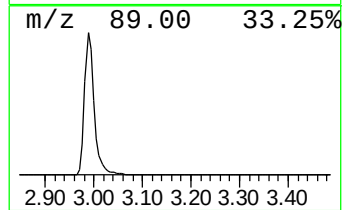
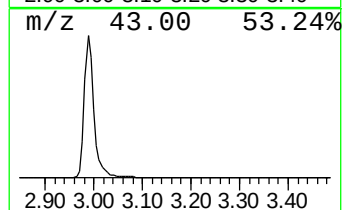
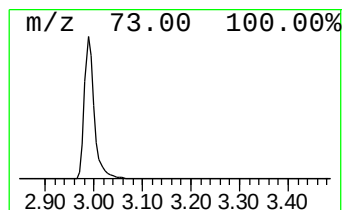
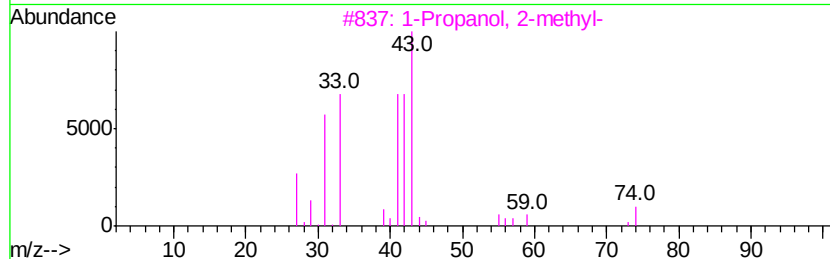
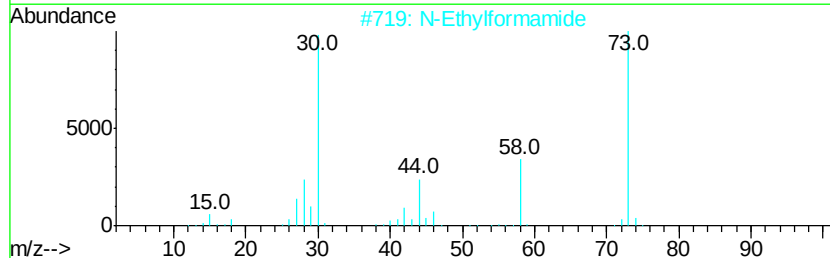
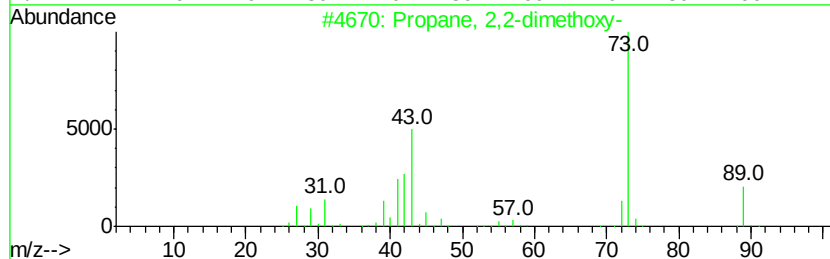
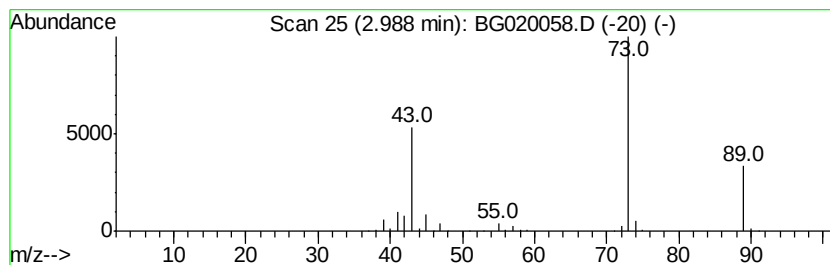
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	283.89 ng	1602940	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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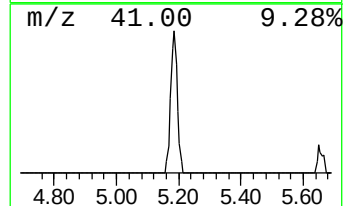
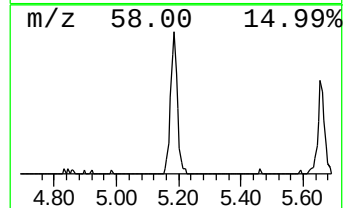
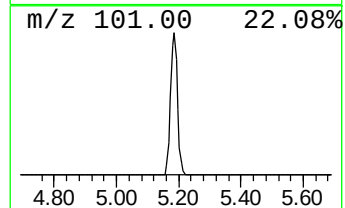
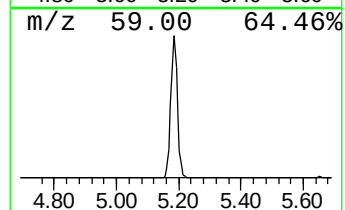
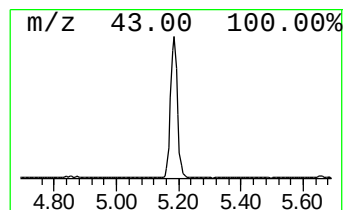
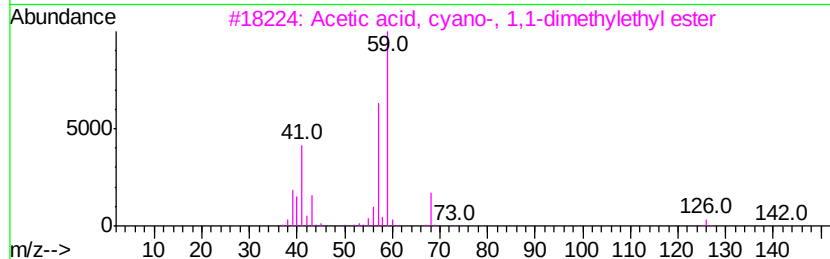
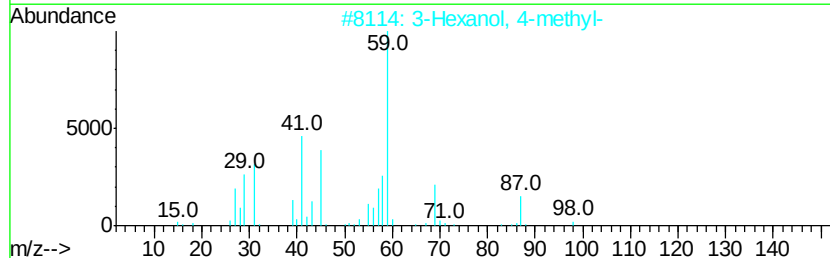
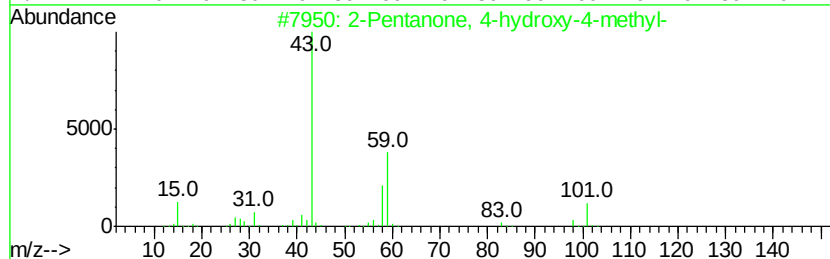
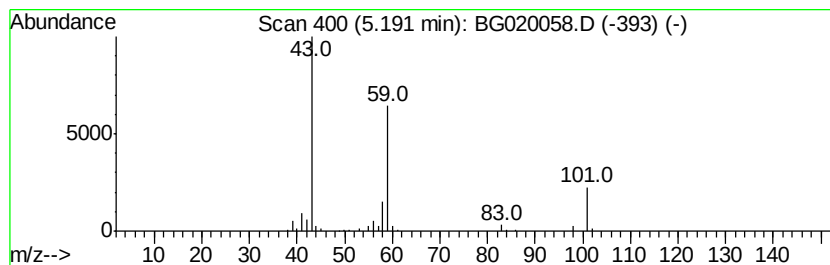
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	21.82 ng	123212	1,4-Dichlorobenzene-d4	8.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9



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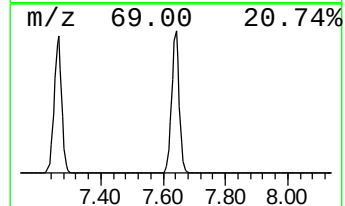
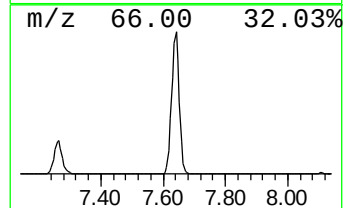
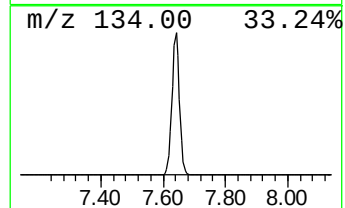
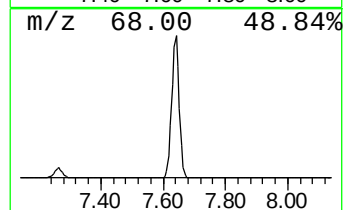
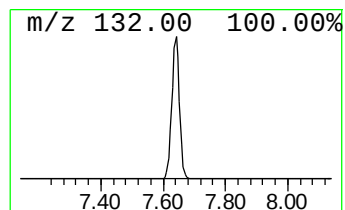
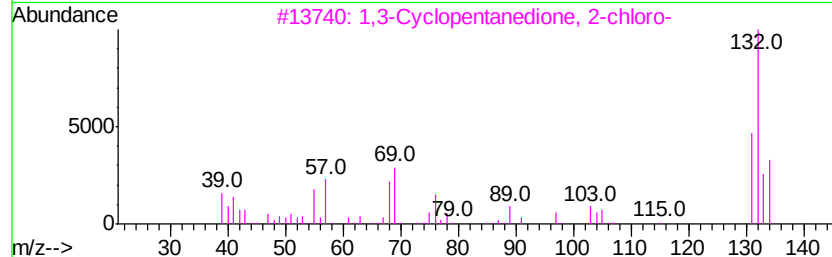
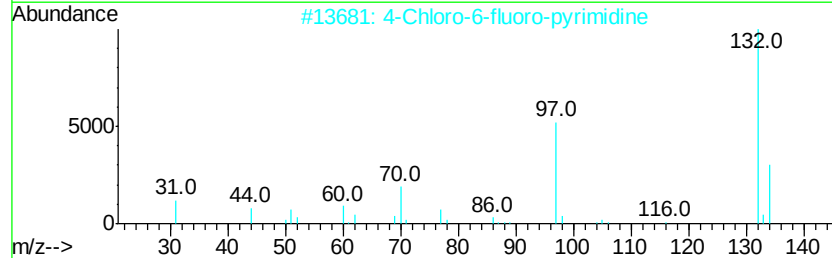
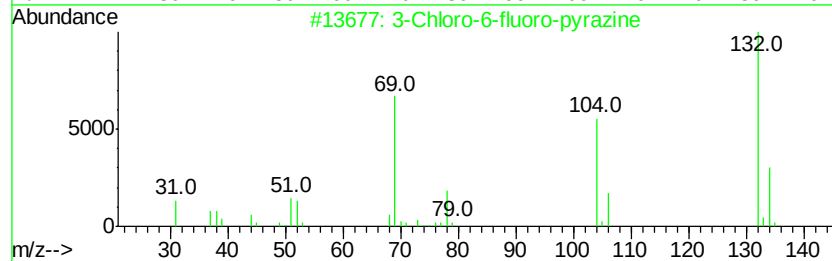
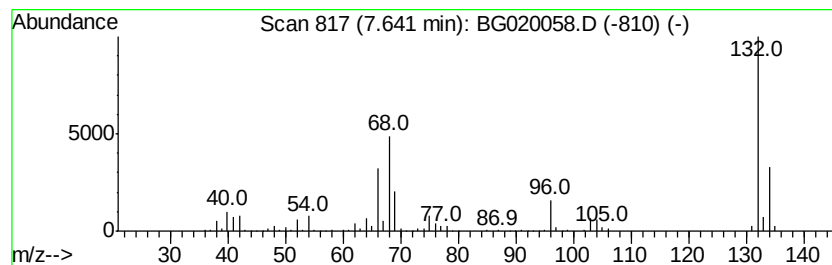
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Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	131.08 ng	740108	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10



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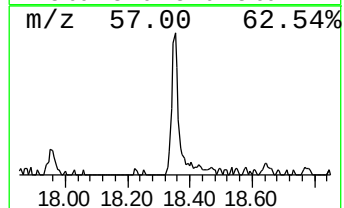
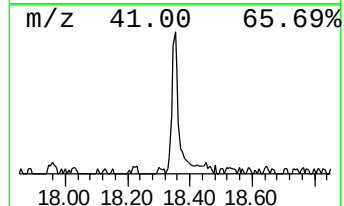
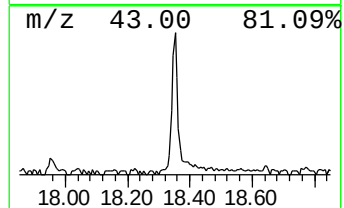
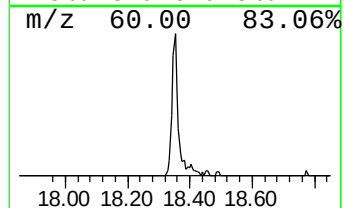
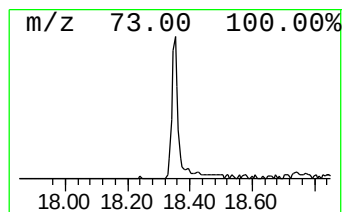
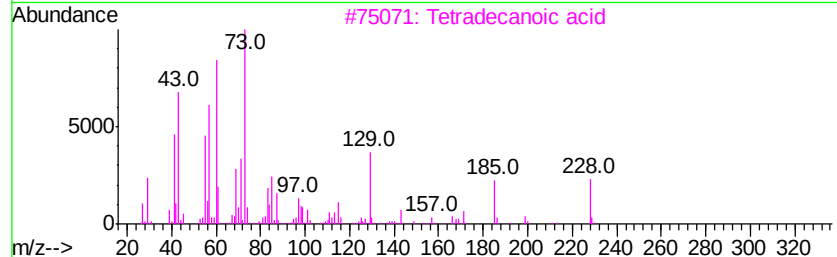
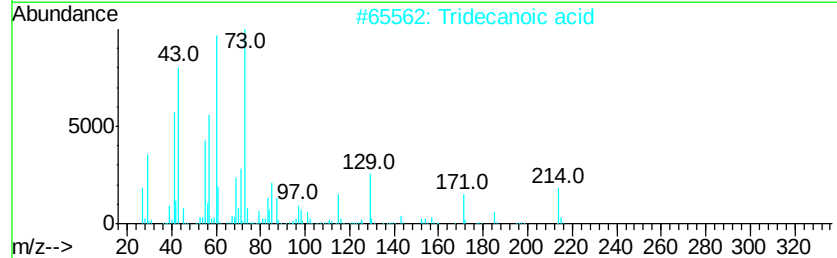
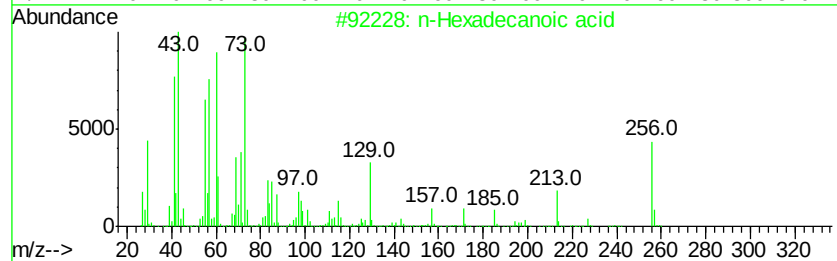
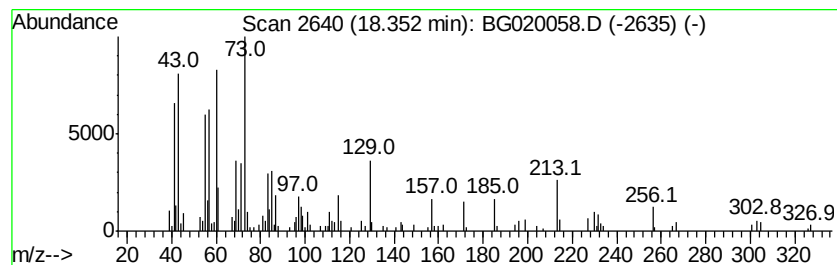
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	7.21 ng	119482	Phenanthrene-d10	17.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4		1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	47
5		Nonanoic acid	158	C9H18O2	000112-05-0	43



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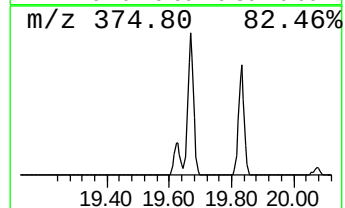
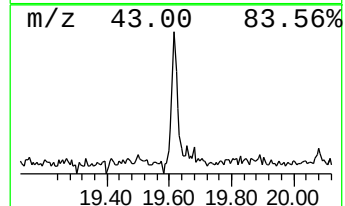
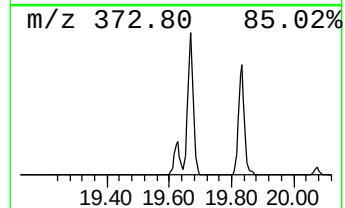
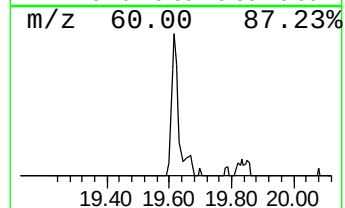
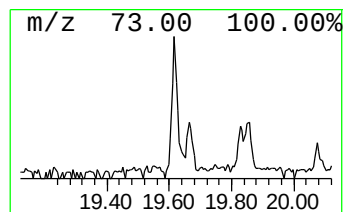
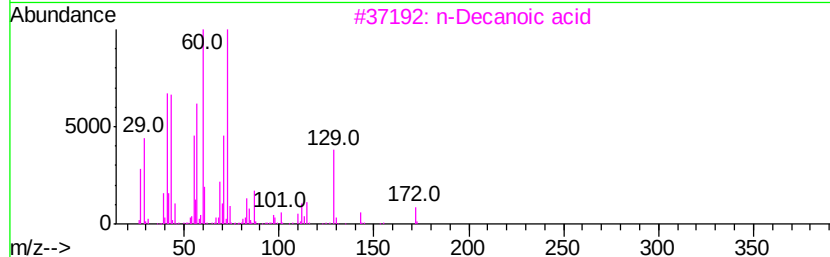
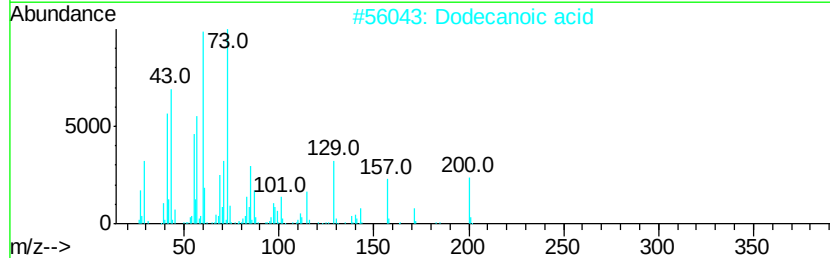
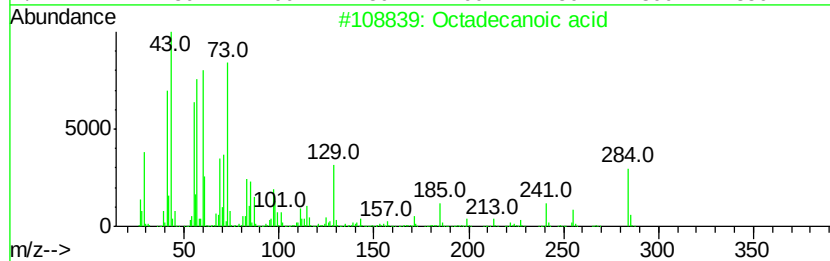
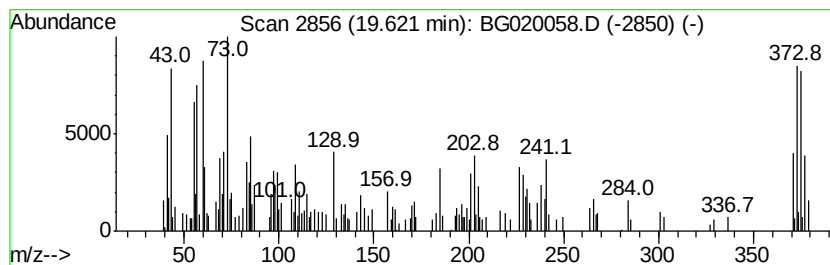
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Peak Number 6 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	4.03 ng	89632	Chrysene-d12	21.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	62
2		Dodecanoic acid	200	C12H24O2	000143-07-7	20
3		n-Decanoic acid	172	C10H20O2	000334-48-5	15
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	14
5		Tridecanoic acid	214	C13H26O2	000638-53-9	14



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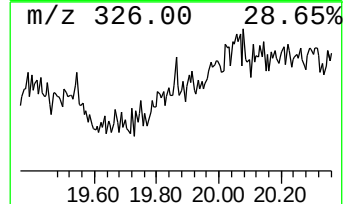
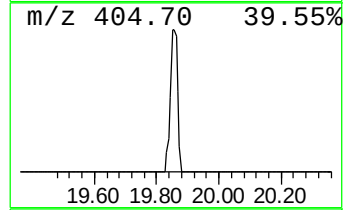
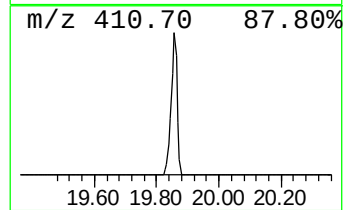
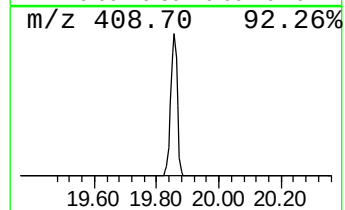
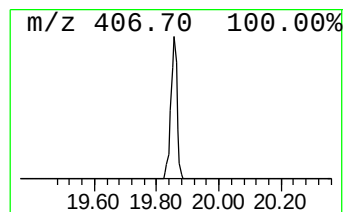
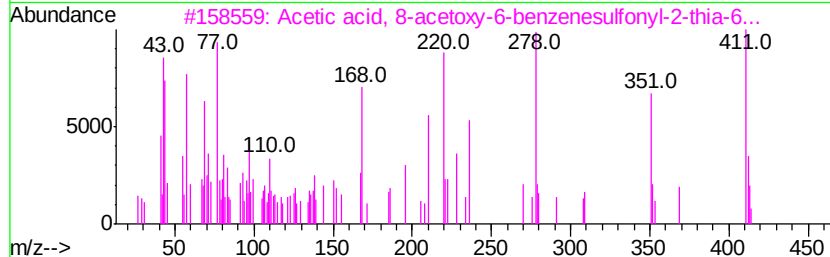
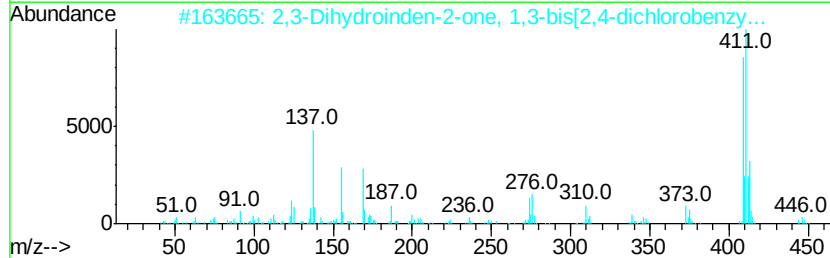
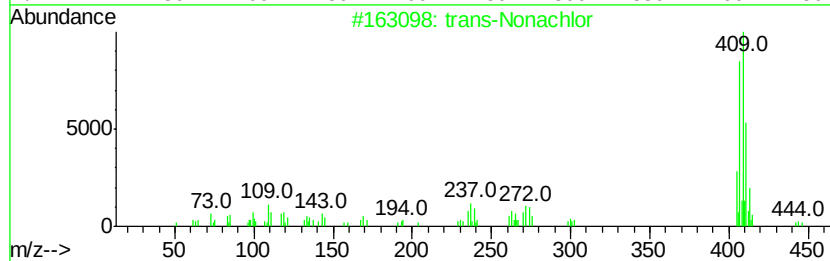
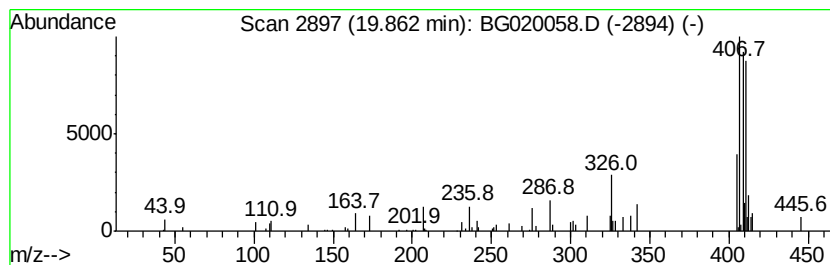
Instrument :
BNA_G
ClientSampleId :
A8-2C

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 trans-Nonachlor Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.86	5.72 ng	127344	Chrysene-d12	21.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-Nonachlor		440 C10H5Cl9	039765-80-5 83
2	2,3-Dihydroinden-2-one, 1,3-bis[...		444 C23H12Cl4O	1000252-11-0 38
3	Acetic acid, 8-acetoxv-6-benzene...		411 C18H21N06S2	1000188-81-9 25
4	3-(4-Iodo-phenyl)-2-methyl-7-nit...		407 C15H10IN3O3	299928-91-9 10
5	2,3-Distyryl-5,8-dimethoxy-6-am...		409 C26H23N3O2	056393-61-4 9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020058.D
Acq On : 10 Dec 2015 00:28
Operator : UM/SJ
Sample : G4659-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A8-2C

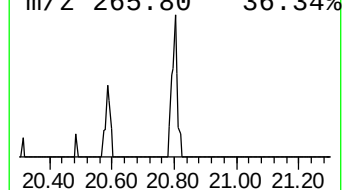
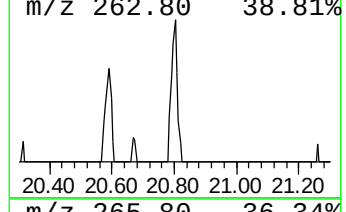
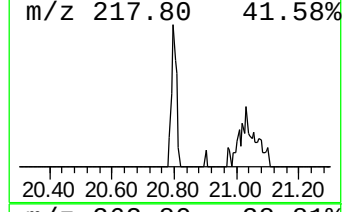
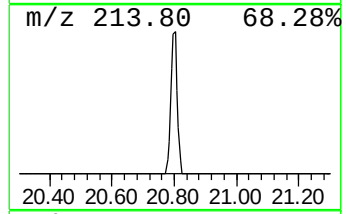
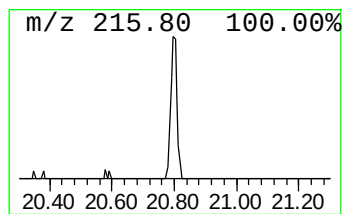
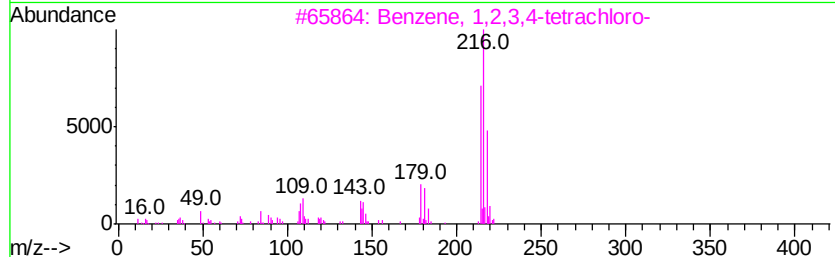
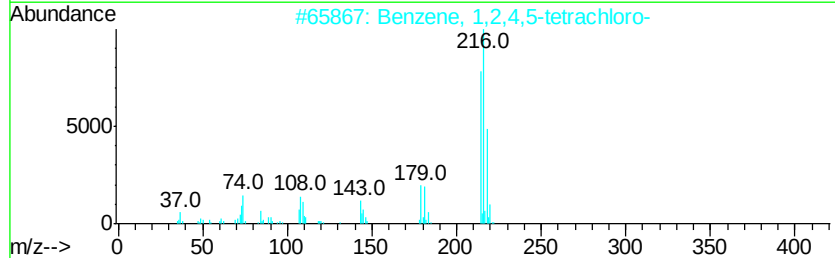
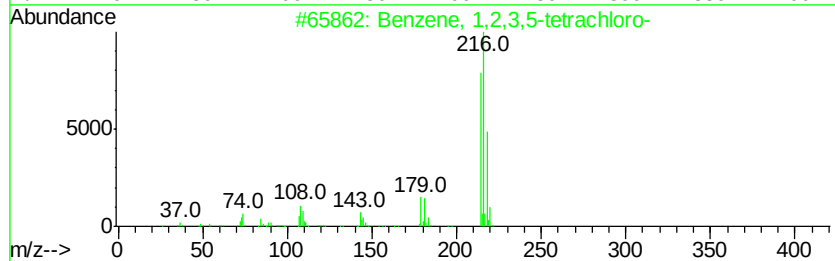
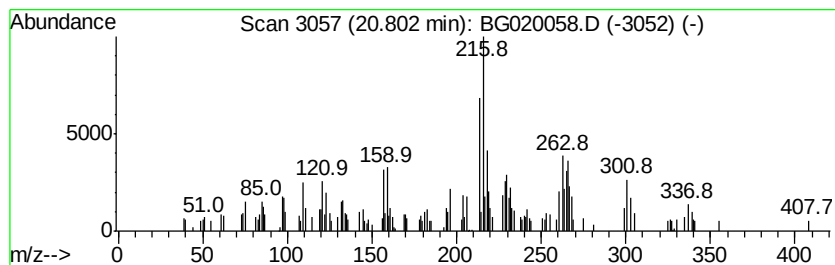
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzene, 1,2,3,5-tetrachloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	3.00 ng	66877	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	64
2		Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	50
3		Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	45
4		2H-Benzimidazol-2-one, 6,7-dichl...	216	C8H6Cl2N2O	077572-79-3	38
5		3,5-Dimethyl-1-phenyl-1H-pyrazol...	216	C12H12N2O2	061226-19-5	15



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020058.D
Acq On : 10 Dec 2015 00:28
Operator : UM/SJ
Sample : G4659-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

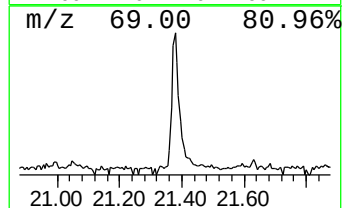
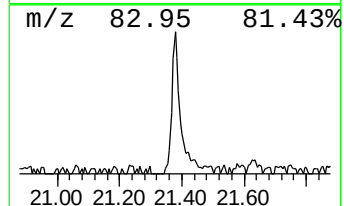
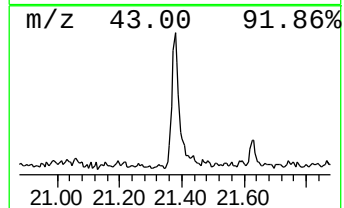
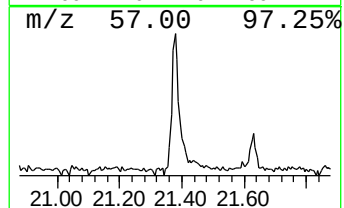
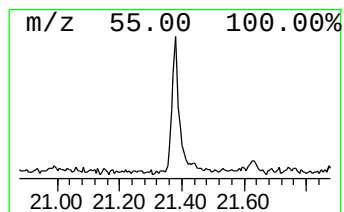
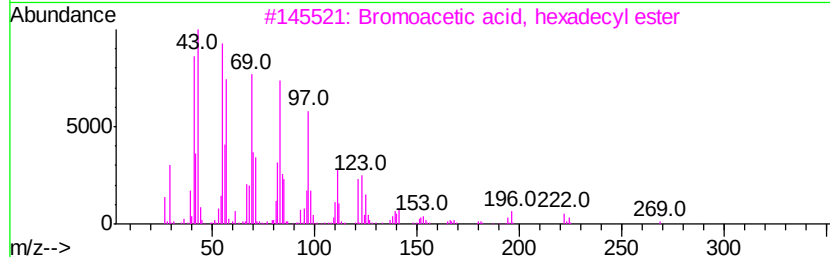
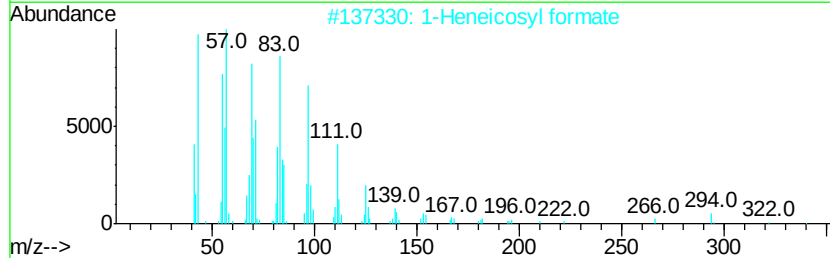
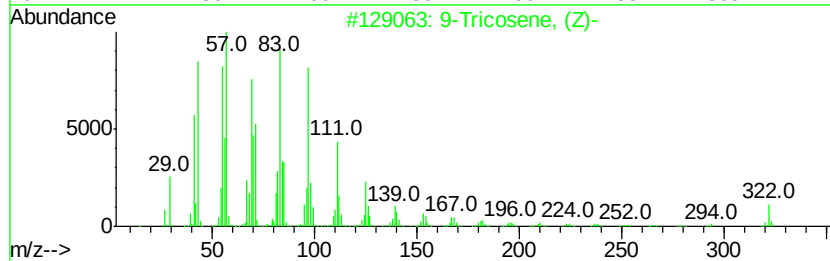
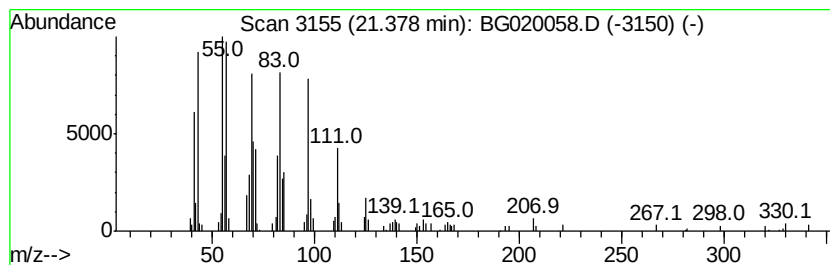
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Tricosene, (Z)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.38	4.18 ng	93142	Chrysene-d12	21.75	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
Data File : BG020058.D
Acq On : 10 Dec 2015 00:28
Operator : UM/SJ
Sample : G4659-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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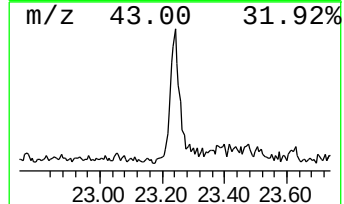
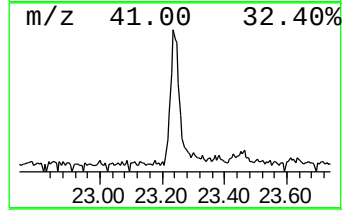
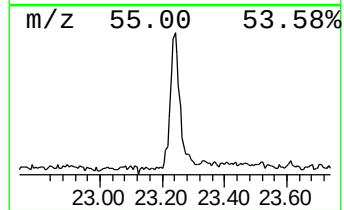
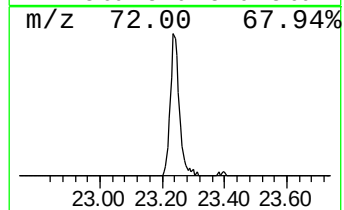
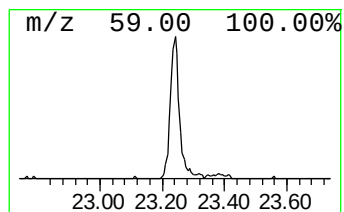
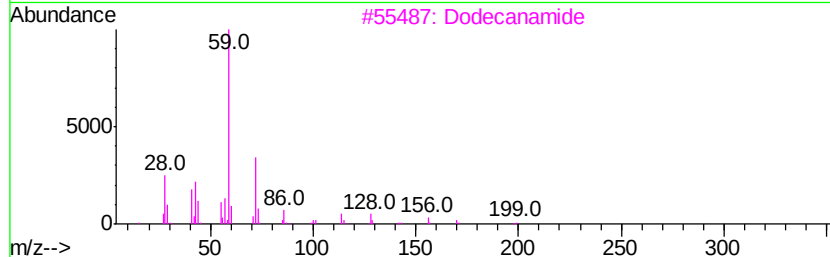
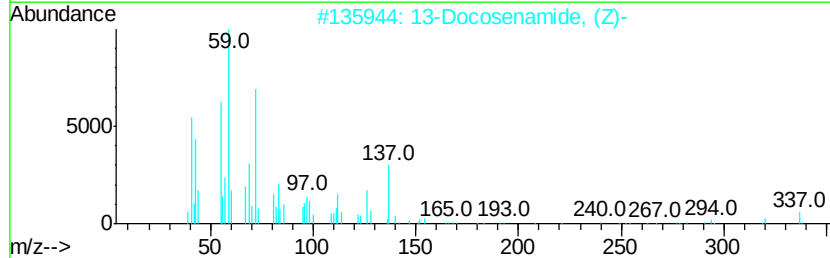
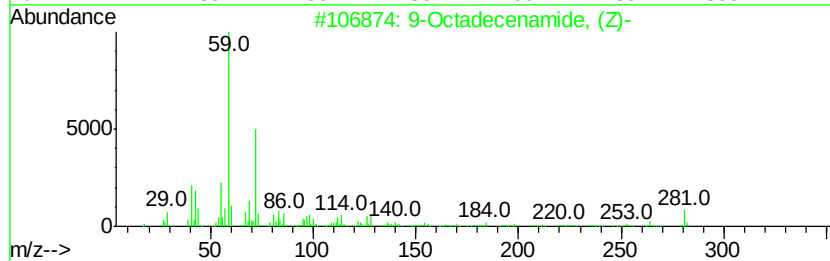
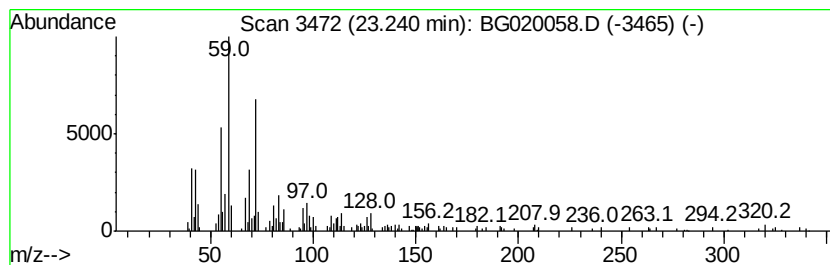
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9-Octadecenamide, (Z)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	7.08 ng	157668	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
3			Dodecanamide	199	C12H25NO	001120-16-7	72
4			Hexadecanamide	255	C16H33NO	000629-54-9	59
5			Octadecanamide	283	C18H37NO	000124-26-5	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121015\
 Data File : BG020058.D
 Acq On : 10 Dec 2015 00:28
 Operator : UM/SJ
 Sample : G4659-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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
Propane, 2,2-dime...	2.99	283.9	ng	1602940	1	8.11	112926	20.0
2-Pentanone, 4-hy...	5.19	21.8	ng	123212	1	8.11	112926	20.0
unknown7.64	7.64	131.1	ng	740108	1	8.11	112926	20.0
n-Hexadecanoic acid	18.35	7.2	ng	119482	4	17.48	331651	20.0
Octadecanoic acid	19.62	4.0	ng	89632	5	21.75	445267	20.0
trans-Nonachlor	19.86	5.7	ng	127344	5	21.75	445267	20.0
Benzene, 1,2,3,5-...	20.80	3.0	ng	66877	5	21.75	445267	20.0
9-Tricosene, (Z)-	21.38	4.2	ng	93142	5	21.75	445267	20.0
9-Octadecenamide, ...	23.24	7.1	ng	157668	5	21.75	445267	20.0