

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
 Data File : BG022328.D
 Acq On : 13 Jun 2016 17:37
 Operator : UM/SJ
 Sample : H3448-29
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15-VE-PILE-WALL(0-2)

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-BG060616.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	2.933	11	16	36	rVB	302153	502553	24.88%	3.445%
2	3.086	36	42	55	rVB2	22269	55007	2.72%	0.377%
3	5.154	388	394	405	rVB2	28645	55758	2.76%	0.382%
4	5.636	468	476	490	rBV	540658	1016888	50.34%	6.971%
5	7.257	742	752	768	rBV	620204	1206065	59.70%	8.268%
6	7.621	806	814	829	rBV	673432	1283815	63.55%	8.801%
7	8.086	886	893	901	rBV	111470	211529	10.47%	1.450%
8	8.415	941	949	970	rVB	510016	986997	48.86%	6.766%
9	9.261	1083	1093	1107	rBV	372798	753840	37.32%	5.168%
10	9.390	1111	1115	1131	rVB5	9497	26087	1.29%	0.179%
11	10.906	1365	1373	1385	rBV	178191	365198	18.08%	2.503%
12	13.344	1780	1788	1805	rBV	1159387	2004834	99.24%	13.743%
13	14.167	1921	1928	1936	rBV	220653	350477	17.35%	2.403%
14	14.590	1995	2000	2006	rVB	16919	23910	1.18%	0.164%
15	14.725	2016	2023	2032	rVB2	271218	485777	24.05%	3.330%
16	15.536	2157	2161	2167	rVB2	26809	40438	2.00%	0.277%
17	16.211	2269	2276	2291	rBV	718268	1196483	59.23%	8.202%
18	16.399	2303	2308	2317	rBV2	25445	49643	2.46%	0.340%
19	17.193	2437	2443	2448	rBV	17127	27575	1.37%	0.189%
20	17.469	2483	2490	2504	rBV	292142	508181	25.16%	3.484%
21	19.737	2871	2876	2881	rBV	144200	188946	9.35%	1.295%
22	19.813	2885	2889	2892	rBV3	15107	22481	1.11%	0.154%
23	19.848	2892	2895	2903	rVB2	37381	58907	2.92%	0.404%
24	20.060	2925	2931	2939	rBV	1374557	2020108	100.00%	13.848%
25	20.771	3048	3052	3059	rVB	101595	139310	6.90%	0.955%
26	20.835	3060	3063	3066	rBV	23632	29661	1.47%	0.203%
27	20.871	3067	3069	3073	rVB3	19133	20742	1.03%	0.142%
28	21.341	3146	3149	3156	rVB2	37690	63907	3.16%	0.438%
29	21.740	3211	3217	3229	rVB	234308	452310	22.39%	3.101%
30	21.893	3239	3243	3249	rVB	31878	48739	2.41%	0.334%
31	23.203	3461	3466	3474	rVB4	26671	61148	3.03%	0.419%
32	25.019	3769	3775	3792	rVB2	95815	330245	16.35%	2.264%

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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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

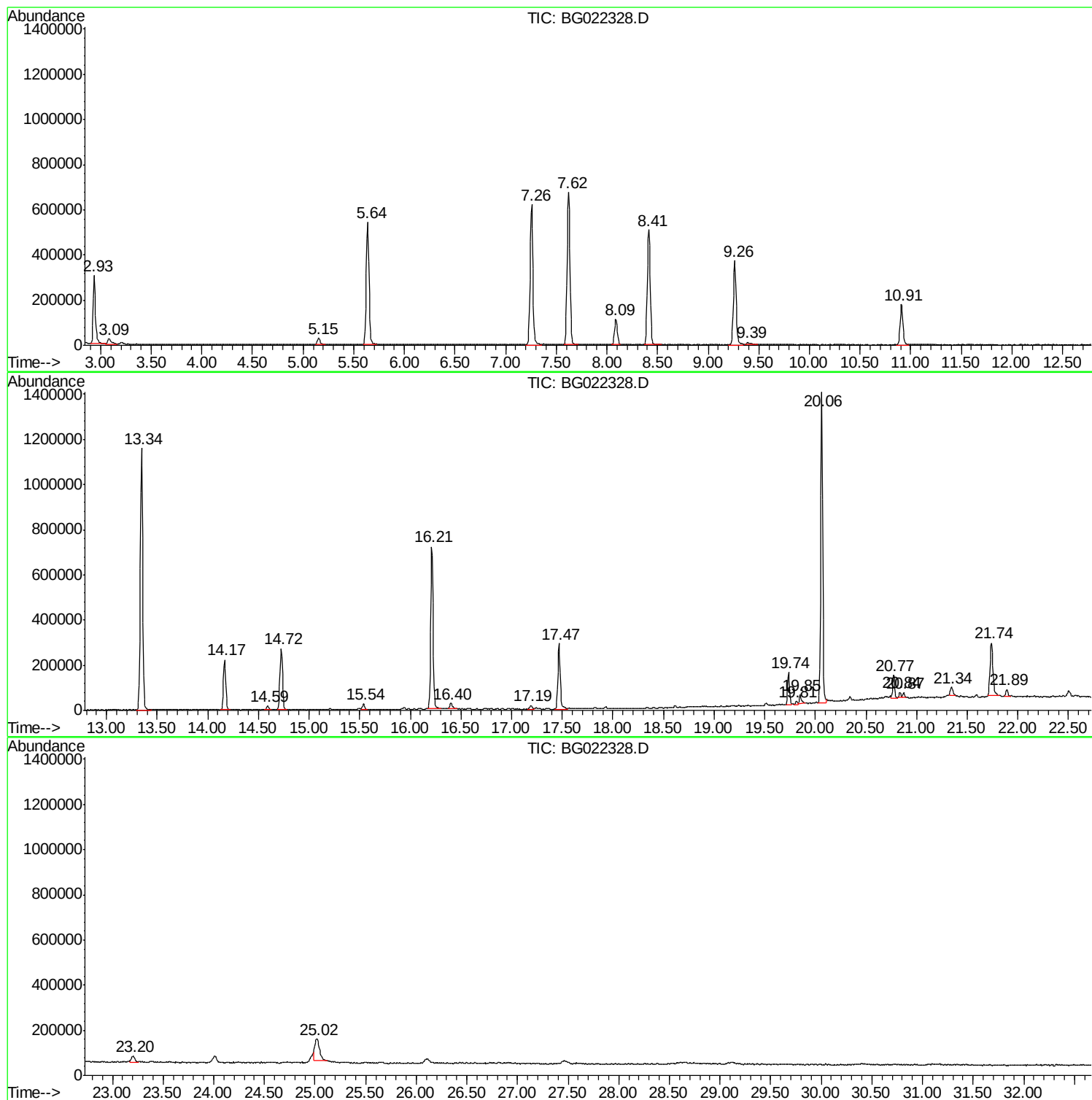
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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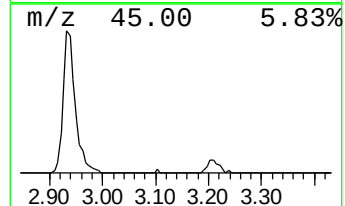
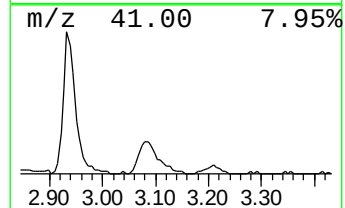
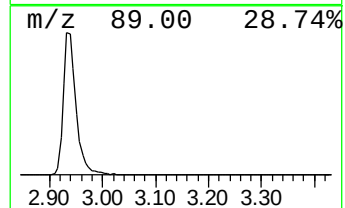
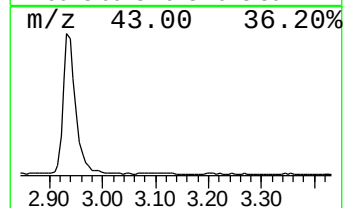
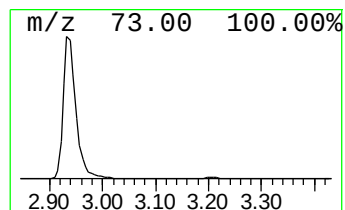
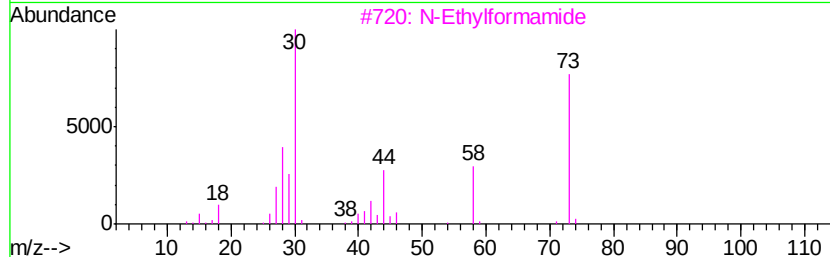
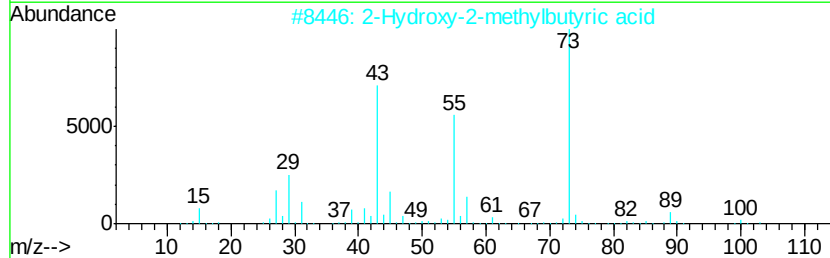
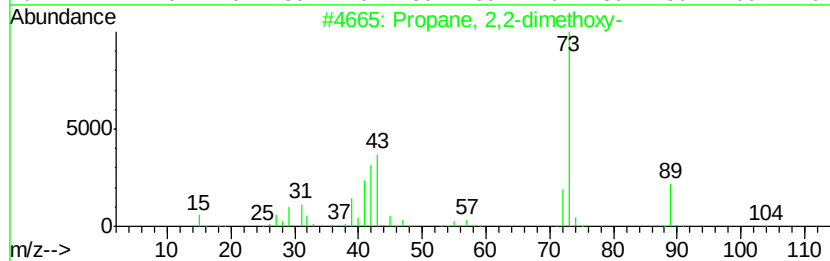
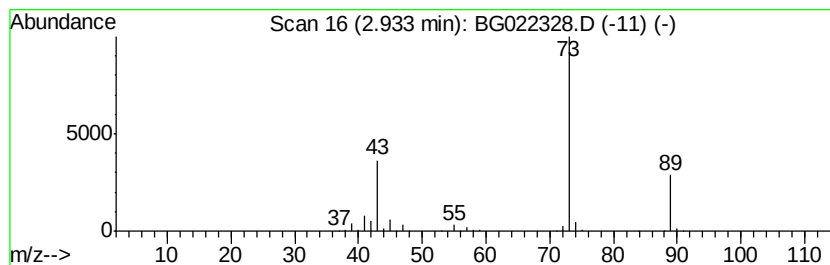
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown2.93 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	47.52 ng	502553	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3		N-Ethylformamide	73	C3H7NO	000627-45-2	5
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	4
5		1-Propene-1-thiol	74	C3H6S	000925-89-3	4



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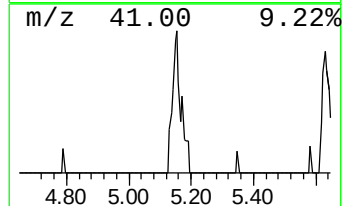
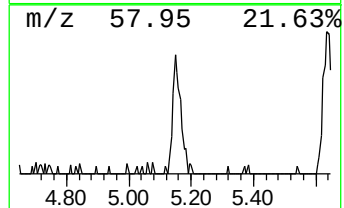
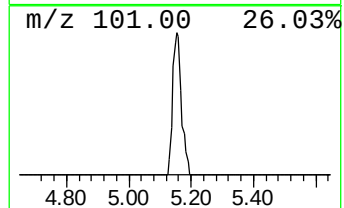
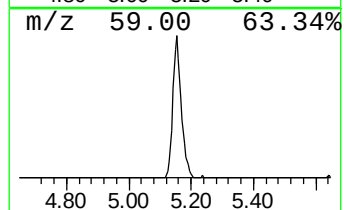
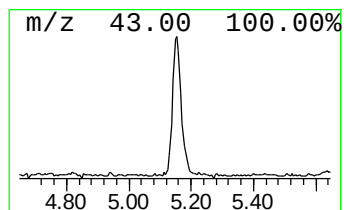
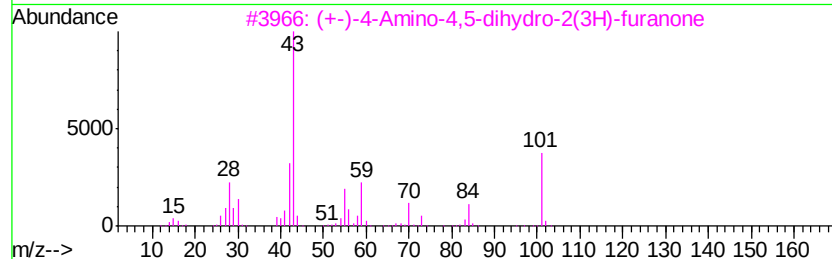
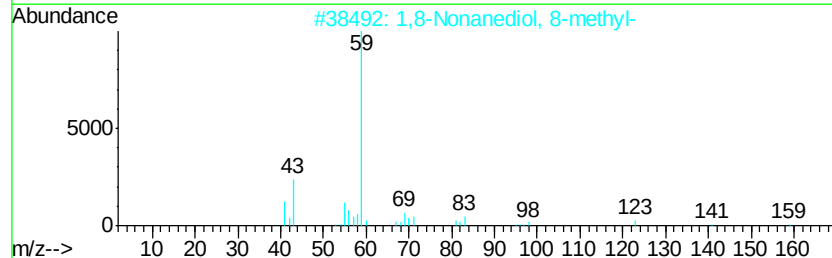
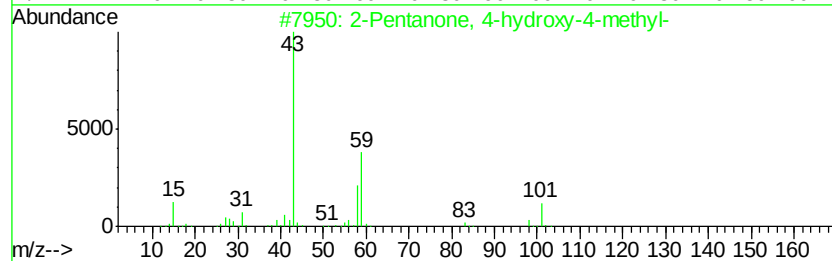
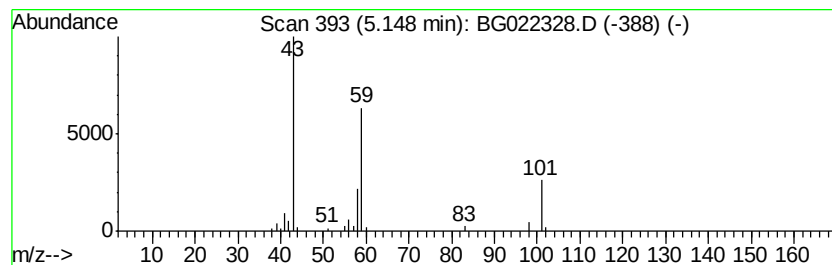
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.27 ng	55758	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
3		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	9
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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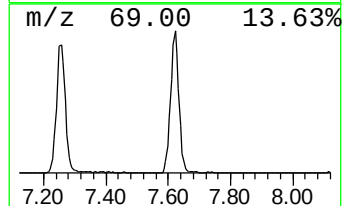
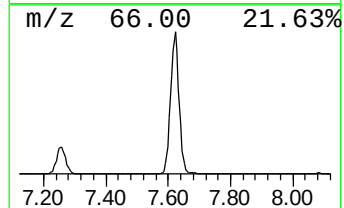
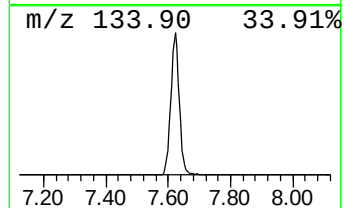
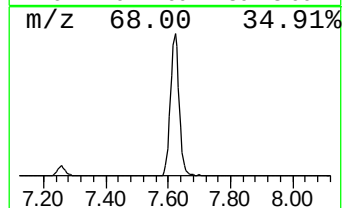
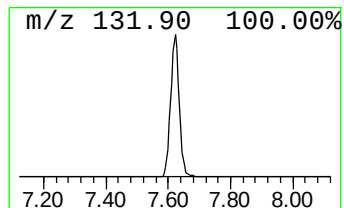
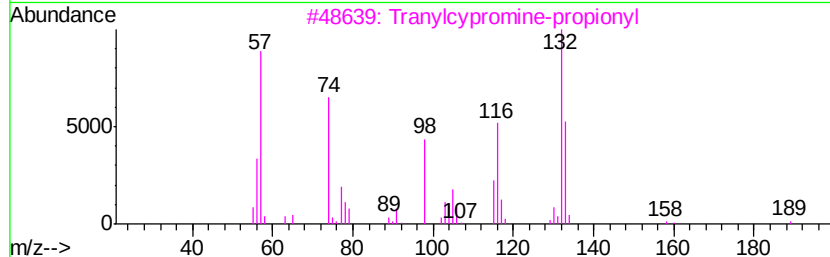
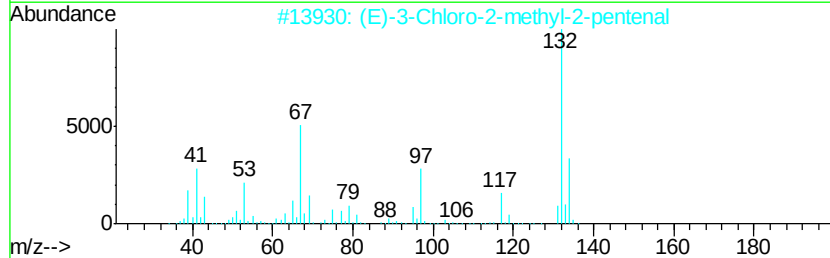
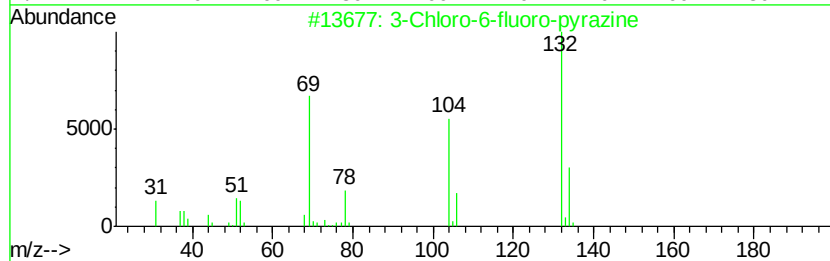
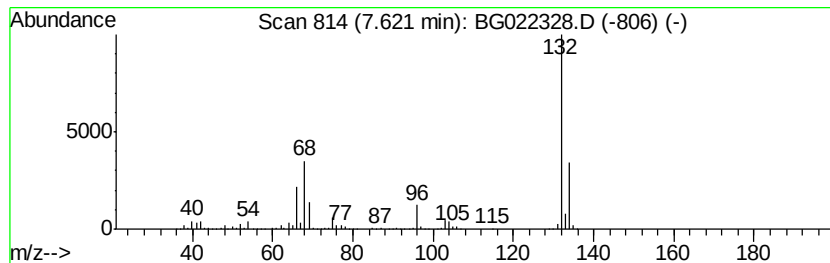
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	121.38 ng	1283820	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		Xenon	132	Xe	007440-63-3	9



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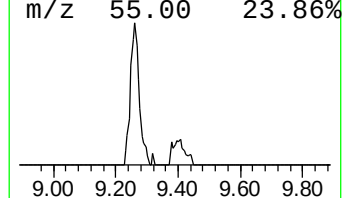
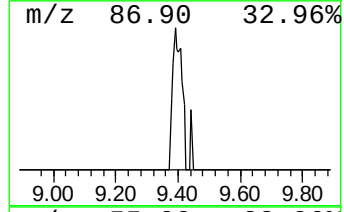
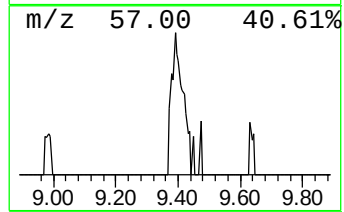
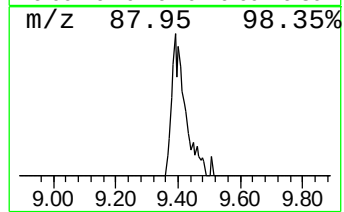
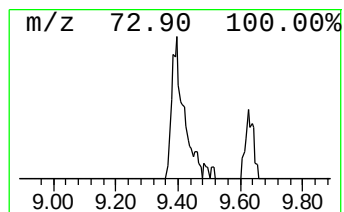
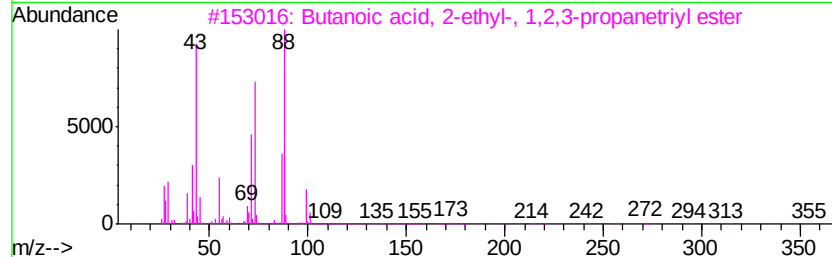
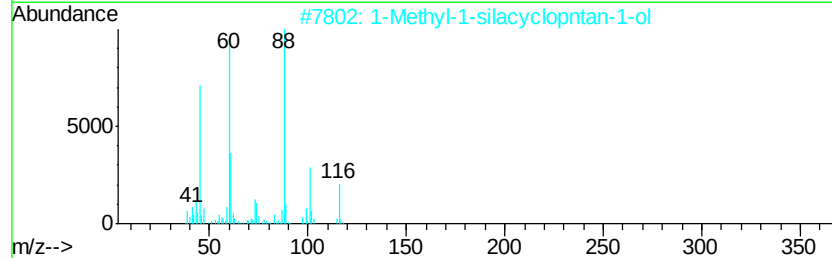
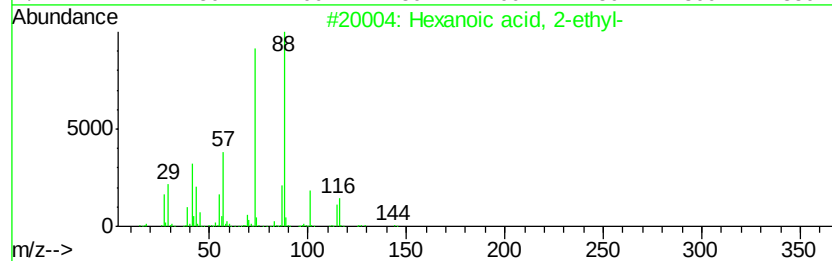
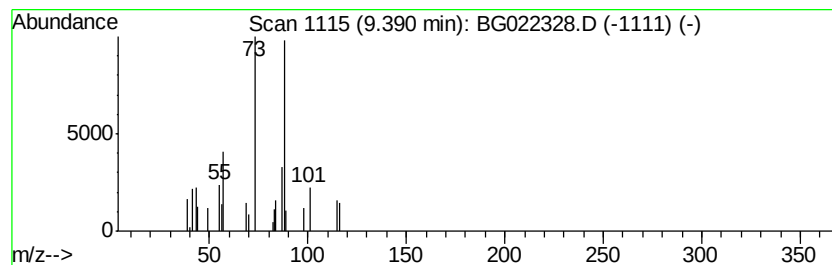
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Hexanoic acid, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	2.47 ng	26087	1,4-Dichlorobenzene-d4	8.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	64
2		1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	50
3		Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	33
4		Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	28
5		Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	25



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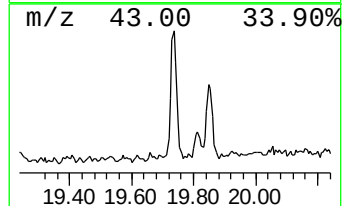
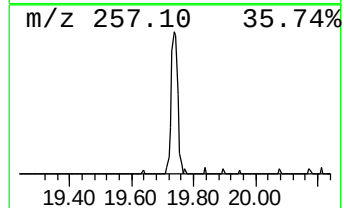
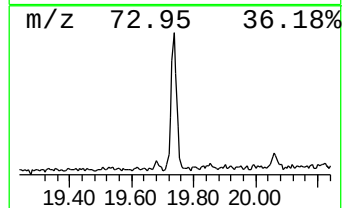
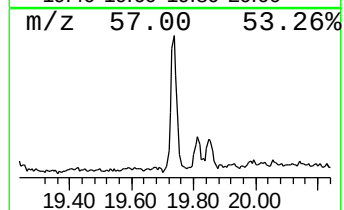
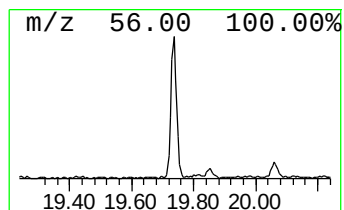
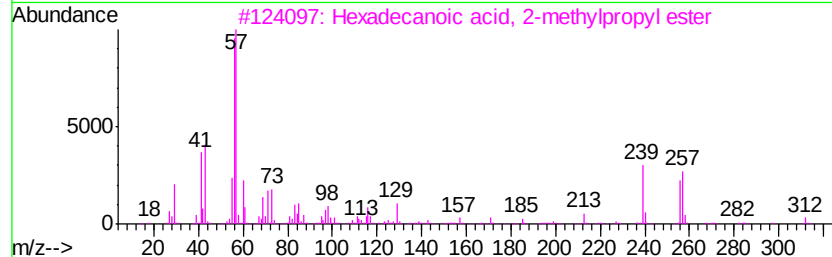
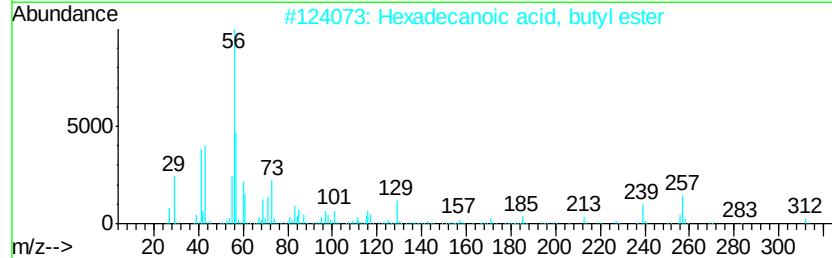
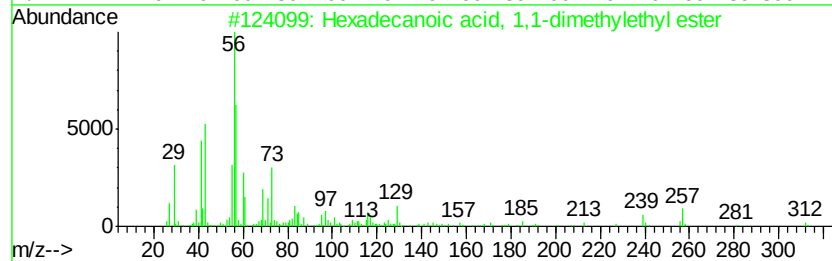
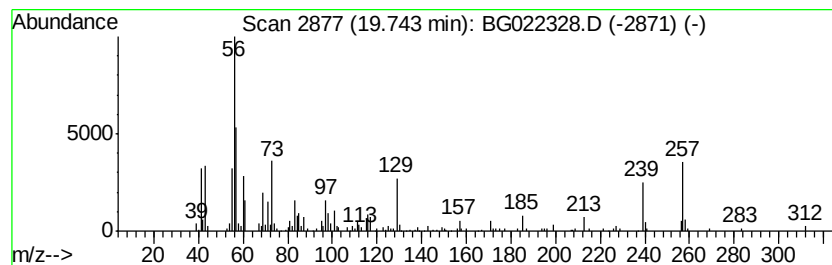
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Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	8.35 ng	188946	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
3		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	43
4		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5		Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35



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ALS Vial : 39 Sample Multiplier: 1

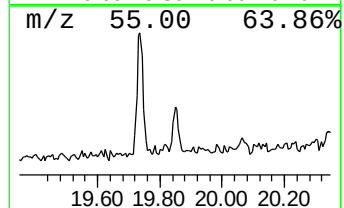
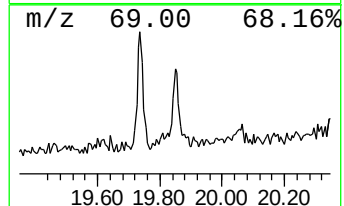
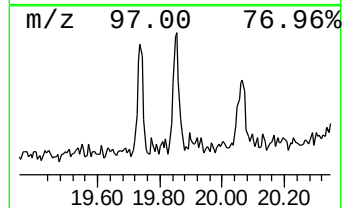
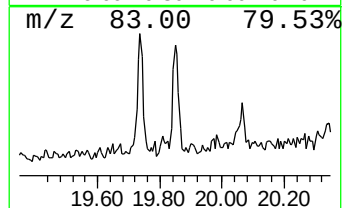
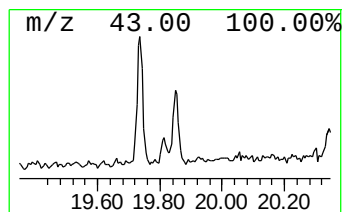
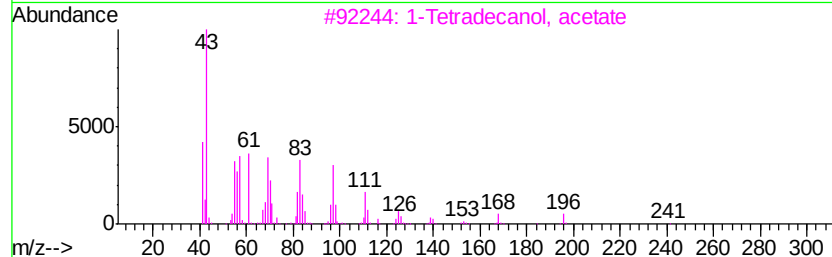
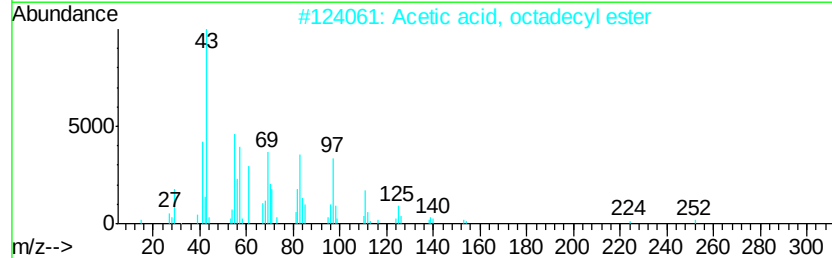
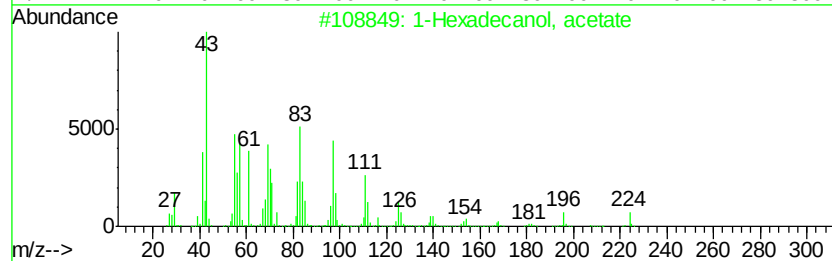
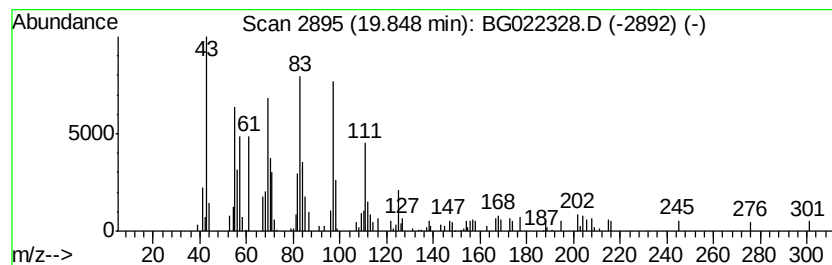
Instrument :
BNA_G
ClientSampleId :
15-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.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-Hexadecanol, acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.85	2.60 ng	58907	Chrysene-d12	21.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	90
2	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
3	1-Tetradecanol, acetate	256	C16H32O2	000638-59-5	86
4	1-Nonadecene	266	C19H38	018435-45-5	81
5	1-Hexadecanol	242	C16H34O	036653-82-4	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022328.D
Acq On : 13 Jun 2016 17:37
Operator : UM/SJ
Sample : H3448-29
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
15-VE-PILE-WALL(0-2)

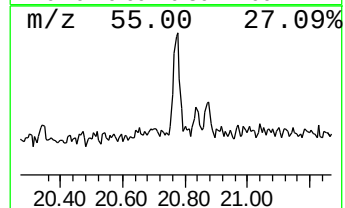
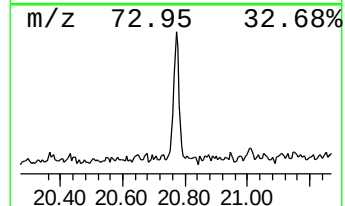
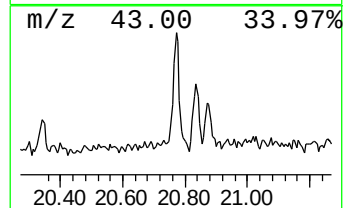
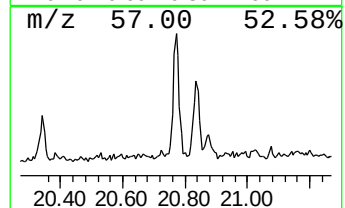
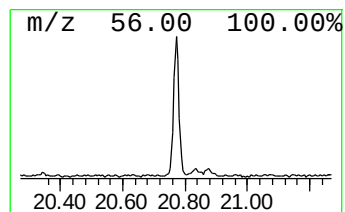
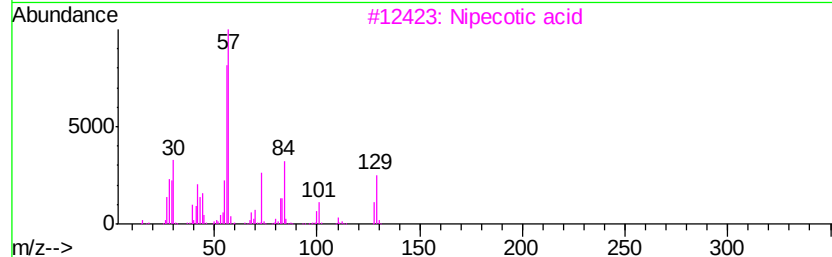
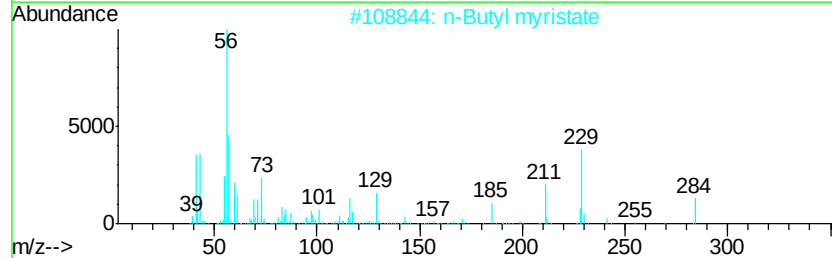
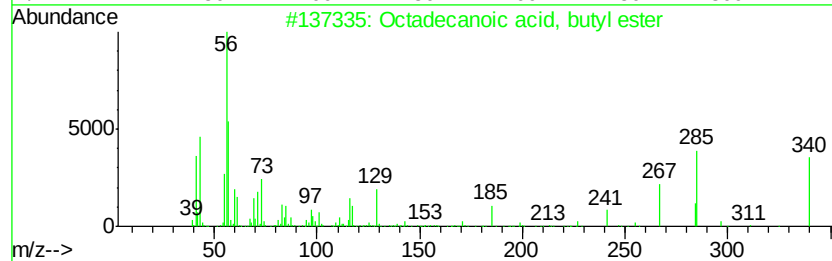
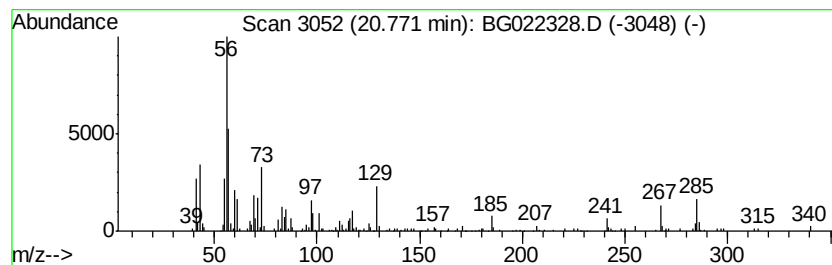
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	6.16 ng	139310	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2		n-Butyl myristate	284	C18H36O2	000110-36-1	59
3		Nipecotic acid	129	C6H11NO2	000498-95-3	50
4		2,2-Dimethyl-1,3-butanediol	118	C6H14O2	000076-35-7	35
5		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022328.D
Acq On : 13 Jun 2016 17:37
Operator : UM/SJ
Sample : H3448-29
Misc :
ALS Vial : 39 Sample Multiplier: 1

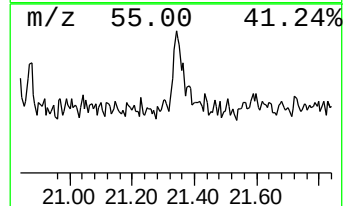
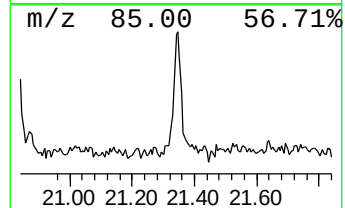
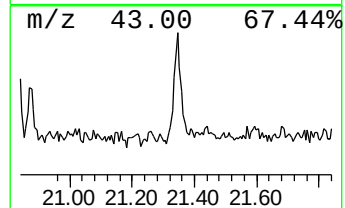
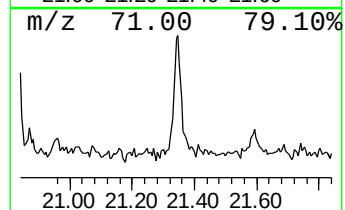
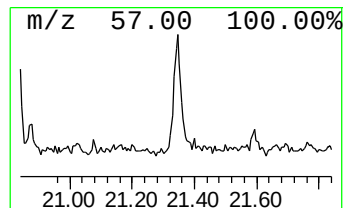
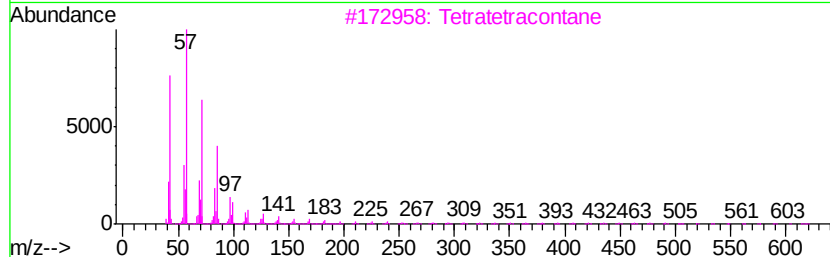
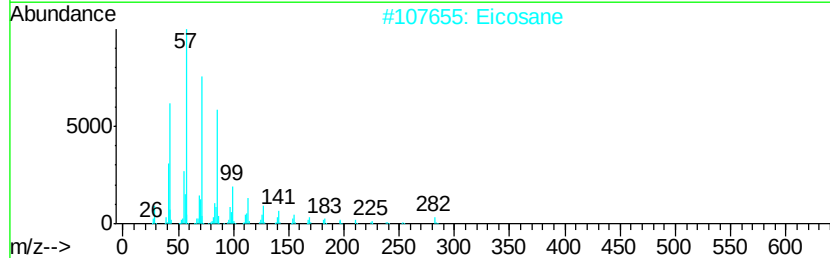
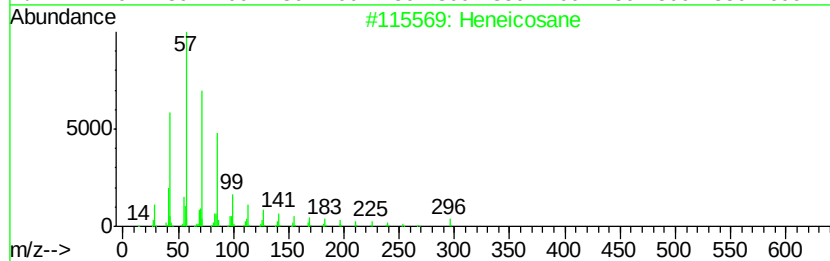
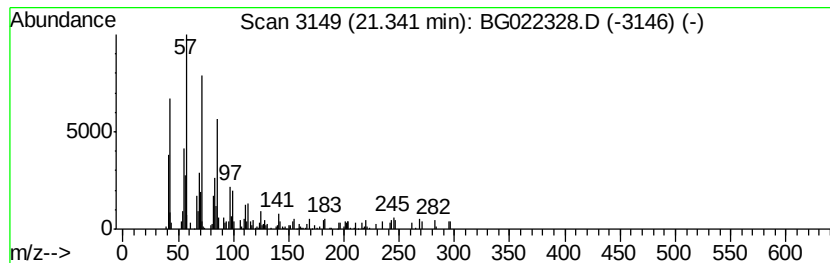
Instrument :
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ClientSampleId :
15-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.34	2.83 ng	63907	Chrysene-d12	21.74
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heneicosane	296 C21H44	000629-94-7	93
2	Eicosane	282 C20H42	000112-95-8	89
3	Tetratetracontane	619 C44H90	007098-22-8	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	68
5	Tetratriacontane	479 C34H70	014167-59-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022328.D
Acq On : 13 Jun 2016 17:37
Operator : UM/SJ
Sample : H3448-29
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
15-VE-PILE-WALL(0-2)

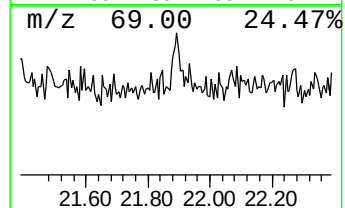
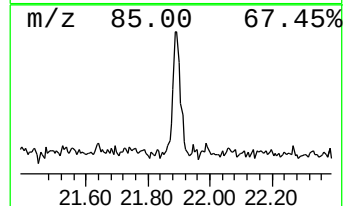
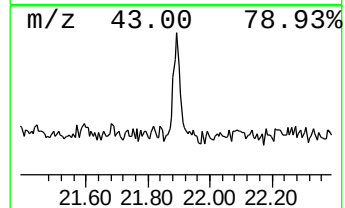
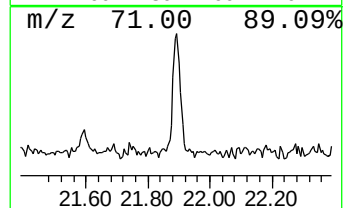
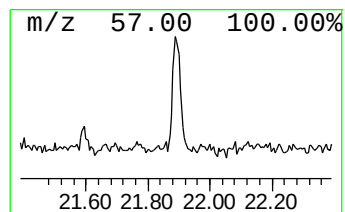
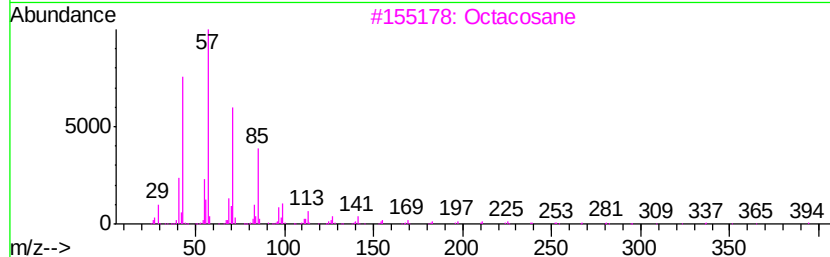
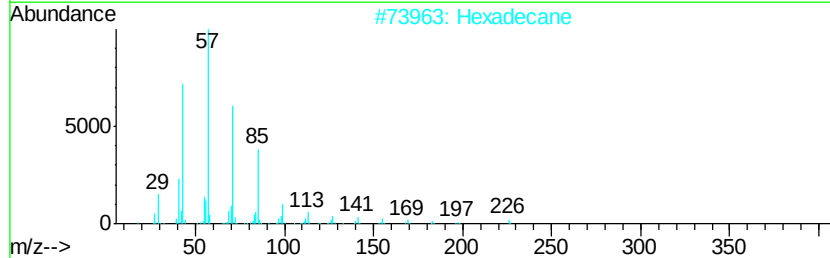
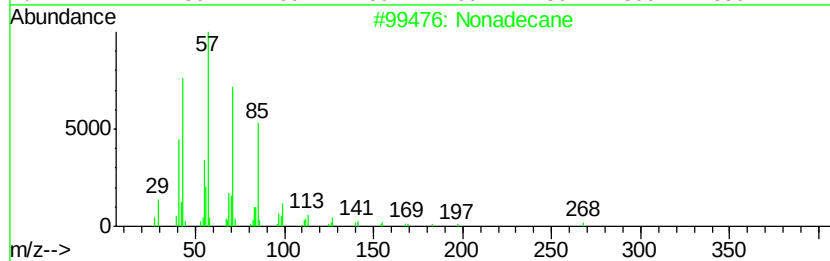
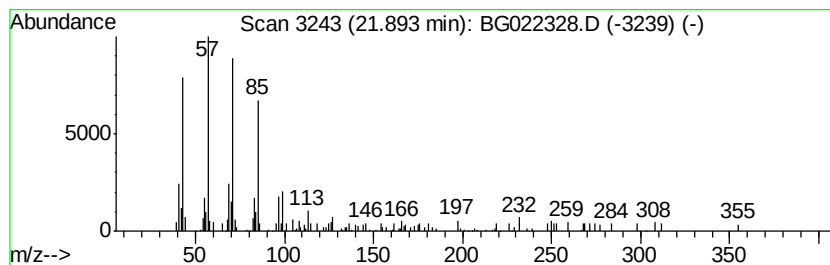
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.16 ng	48739	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Hexadecane	226	C16H34	000544-76-3	81
3		Octacosane	394	C28H58	000630-02-4	64
4		Pentadecane	212	C15H32	000629-62-9	64
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022328.D
Acq On : 13 Jun 2016 17:37
Operator : UM/SJ
Sample : H3448-29
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
15-VE-PILE-WALL(0-2)

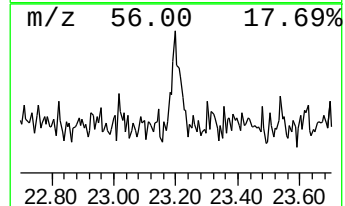
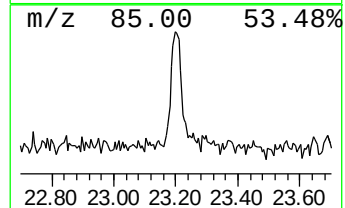
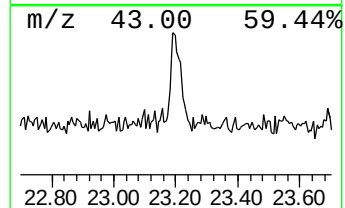
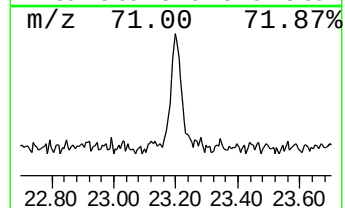
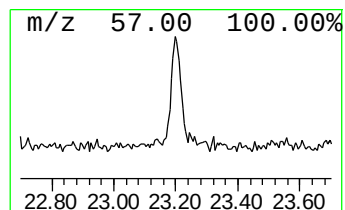
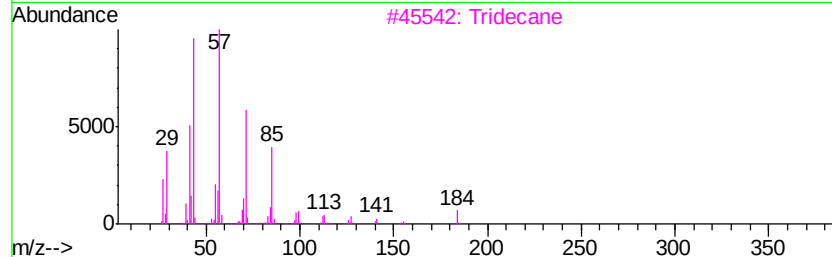
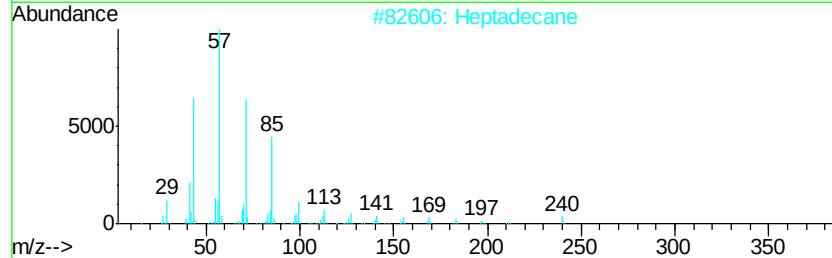
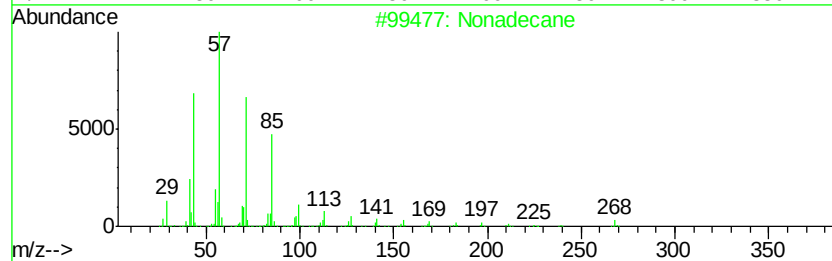
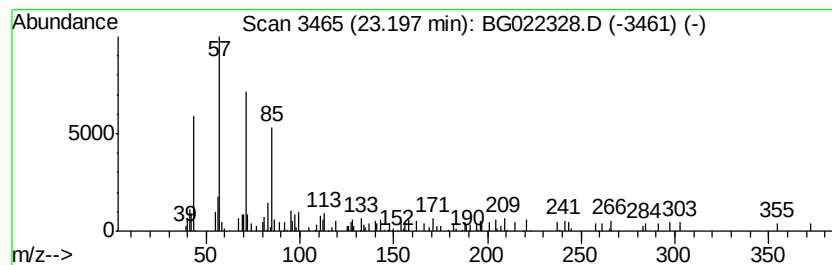
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	2.70 ng	61148	Chrysene-d12	21.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	64
2		Heptadecane	240	C17H36	000629-78-7	58
3		Tridecane	184	C13H28	000629-50-5	58
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	52
5		Decane, 1-iodo-	268	C10H21I	002050-77-3	50



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061316\
Data File : BG022328.D
Acq On : 13 Jun 2016 17:37
Operator : UM/SJ
Sample : H3448-29
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
15-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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--			
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unknown7.62	7.62	121.4	ng	1283820	1	8.09	211529	20.0
Hexanoic acid, 2-...	9.39	2.5	ng	26087	1	8.09	211529	20.0
Hexadecanoic acid...	19.74	8.3	ng	188946	5	21.74	452310	20.0
1-Hexadecanol, ac...	19.85	2.6	ng	58907	5	21.74	452310	20.0
Octadecanoic acid...	20.77	6.2	ng	139310	5	21.74	452310	20.0
Heneicosane	21.34	2.8	ng	63907	5	21.74	452310	20.0
Nonadecane	21.89	2.2	ng	48739	5	21.74	452310	20.0
Tridecane	23.20	2.7	ng	61148	5	21.74	452310	20.0