

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021683.D
 Acq On : 15 Apr 2016 12:01
 Operator : UM/SJ
 Sample : H2412-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5W(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-BG041316.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	3.108	40	46	67	rVB	3209160	5650417	100.00%	20.291%
2	5.300	413	419	428	rVB	82536	137457	2.43%	0.494%
3	5.711	482	489	493	rBV	55045	93736	1.66%	0.337%
4	5.770	493	499	508	rVB	951014	1590355	28.15%	5.711%
5	6.193	564	571	580	rBV	107381	191873	3.40%	0.689%
6	7.368	763	771	782	rBV	977155	1787581	31.64%	6.419%
7	7.750	822	836	845	rBV	964627	1721600	30.47%	6.182%
8	8.220	907	916	923	rBV	169202	297256	5.26%	1.067%
9	8.543	963	971	978	rBV	664240	1161820	20.56%	4.172%
10	9.383	1106	1114	1124	rBV	584937	1098944	19.45%	3.946%
11	11.034	1388	1395	1401	rBV	239058	442778	7.84%	1.590%
12	13.449	1797	1806	1816	rBV	1161342	1877708	33.23%	6.743%
13	14.265	1939	1945	1951	rBV	206015	307050	5.43%	1.103%
14	14.824	2031	2040	2046	rBV3	368778	632014	11.19%	2.270%
15	15.864	2211	2217	2226	rVB2	34597	61939	1.10%	0.222%
16	16.298	2282	2291	2301	rBV	972294	1539103	27.24%	5.527%
17	16.498	2321	2325	2328	rBV	50317	70547	1.25%	0.253%
18	17.150	2431	2436	2441	rVB	56526	80769	1.43%	0.290%
19	17.285	2454	2459	2463	rBV	46995	68662	1.22%	0.247%
20	17.556	2498	2505	2509	rBV2	382966	621239	10.99%	2.231%
21	17.597	2509	2512	2519	rVV	318283	463570	8.20%	1.665%
22	17.691	2523	2528	2533	rVB	70379	109423	1.94%	0.393%
23	17.914	2561	2566	2569	rBV	69017	100130	1.77%	0.360%
24	17.949	2569	2572	2580	rVB	39043	66082	1.17%	0.237%
25	18.425	2648	2653	2657	rBV	50485	81355	1.44%	0.292%
26	18.472	2657	2661	2668	rVB2	60036	96591	1.71%	0.347%
27	18.619	2680	2686	2690	rBV2	61774	134506	2.38%	0.483%
28	18.660	2690	2693	2698	rVB3	42806	59069	1.05%	0.212%
29	19.013	2748	2753	2763	rVB	138065	211066	3.74%	0.758%
30	19.330	2803	2807	2812	rBV2	43868	62061	1.10%	0.223%
31	19.595	2846	2852	2857	rBV	510586	751633	13.30%	2.699%
32	19.918	2902	2907	2909	rBV3	74080	131792	2.33%	0.473%
33	19.953	2909	2913	2920	rVB	424388	643419	11.39%	2.311%
34	20.141	2940	2945	2950	rBV	1611554	2081394	36.84%	7.474%

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SP-5W(0-2)

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-BG041316.M
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35	20.358	2978	2982	2986	rBV	78372	94788	1.68%	0.340%
36	20.435	2992	2995	3001	rVB2	96965	126964	2.25%	0.456%
37	20.535	3009	3012	3016	rBV	44615	58219	1.03%	0.209%
38	21.445	3163	3167	3171	rBV2	144828	192282	3.40%	0.691%
39	21.827	3224	3232	3237	rBV2	482711	1176924	20.83%	4.226%
40	21.874	3237	3240	3247	rVB	211863	348562	6.17%	1.252%
41	22.045	3266	3269	3275	rVB2	160954	259864	4.60%	0.933%
42	22.121	3277	3282	3287	rBV	227203	355222	6.29%	1.276%
43	24.101	3614	3619	3627	rBV2	106383	295559	5.23%	1.061%
44	25.165	3793	3800	3809	rBV	189472	513319	9.08%	1.843%

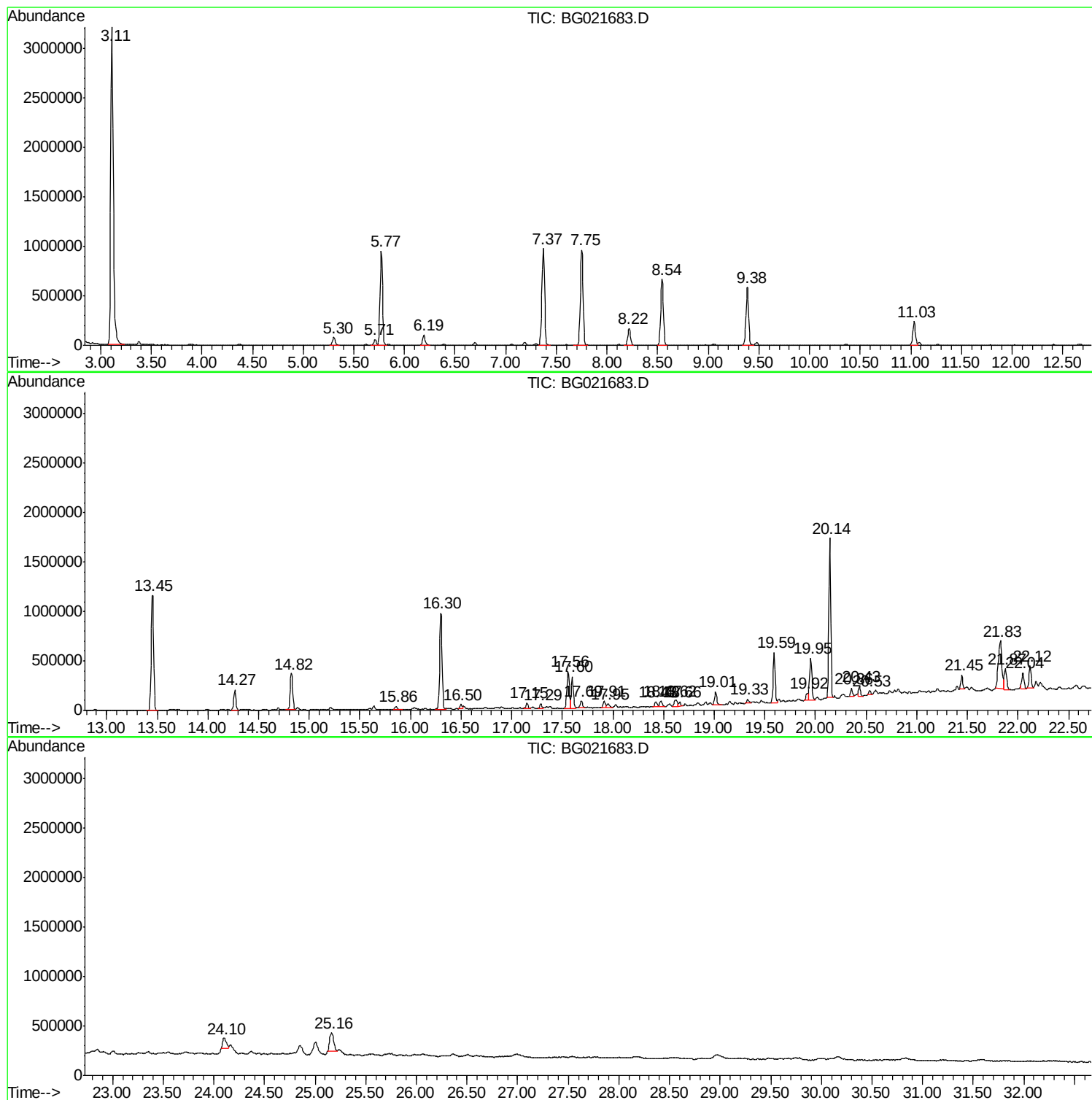
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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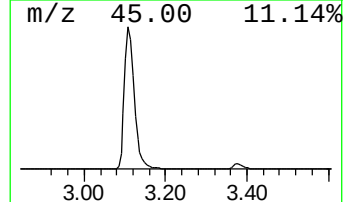
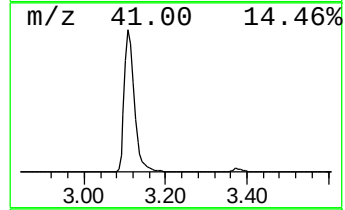
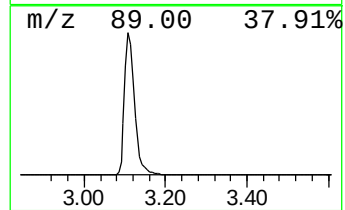
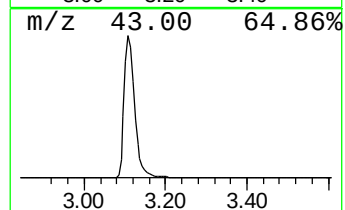
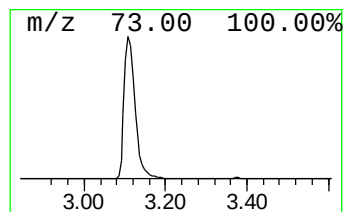
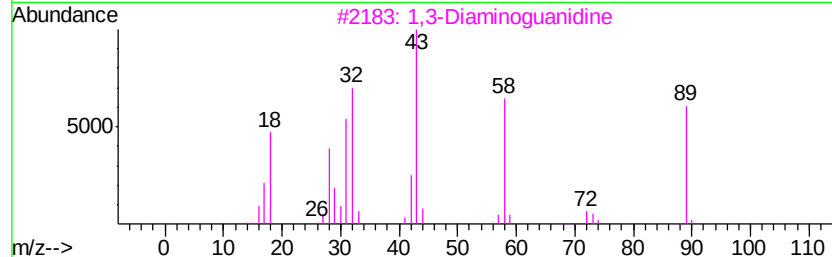
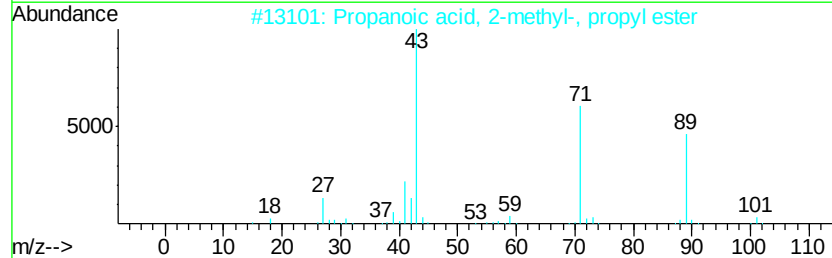
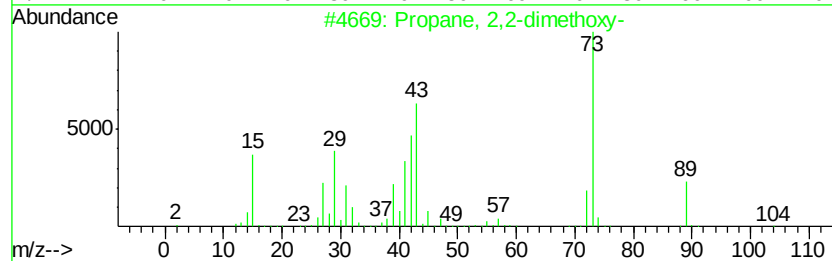
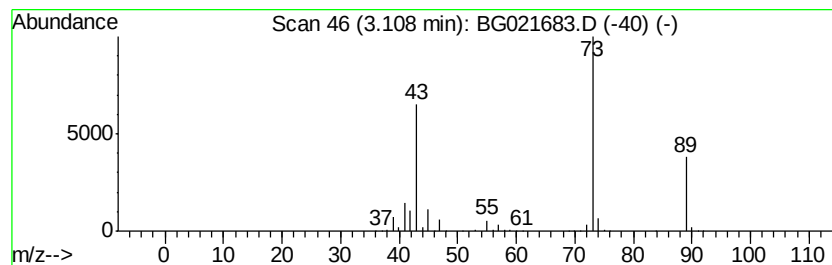
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	380.17 ng	5650420	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	22
3		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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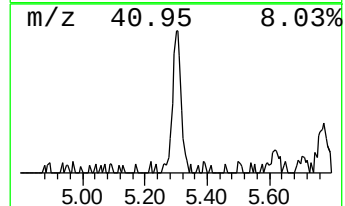
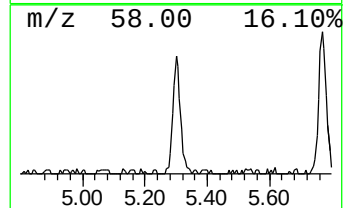
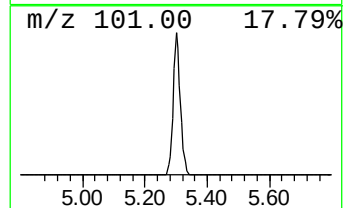
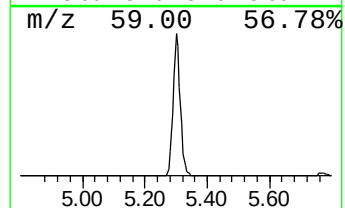
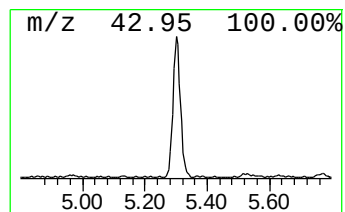
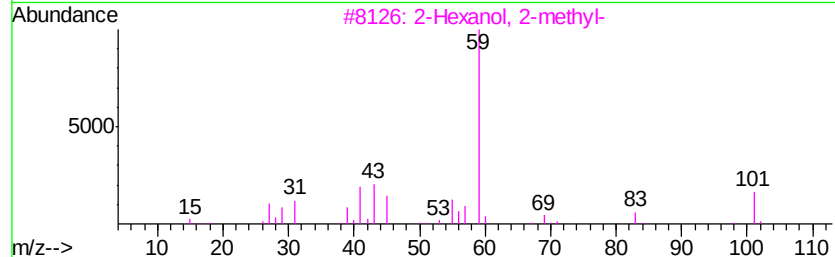
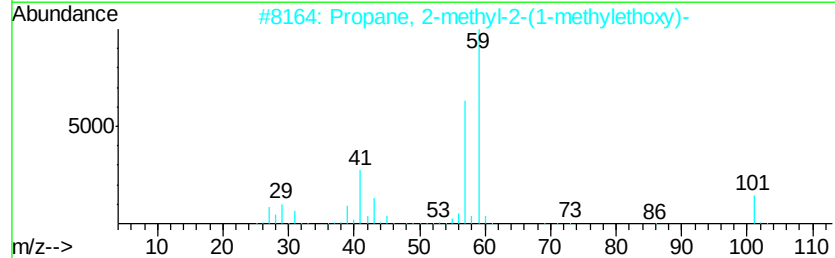
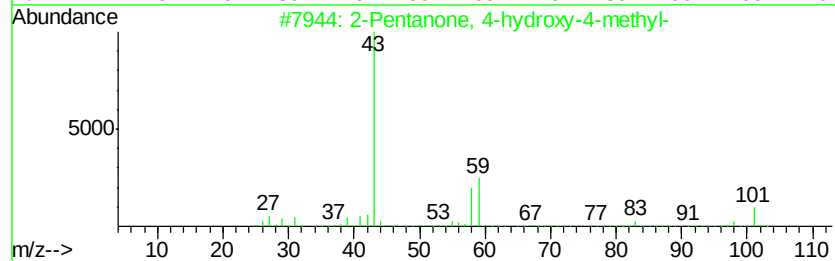
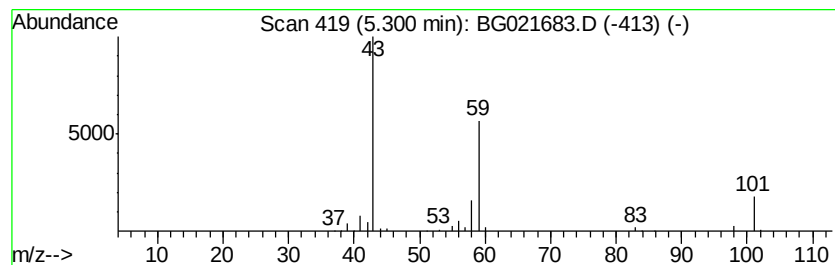
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	9.25 ng	137457	1,4-Dichlorobenzene-d4	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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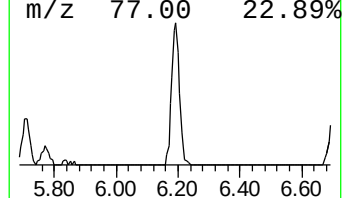
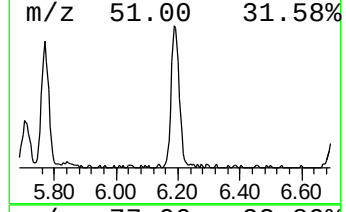
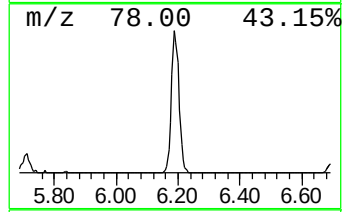
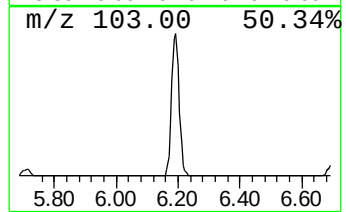
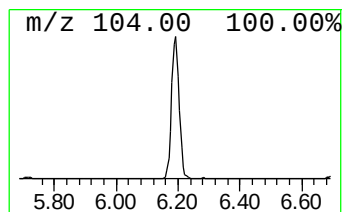
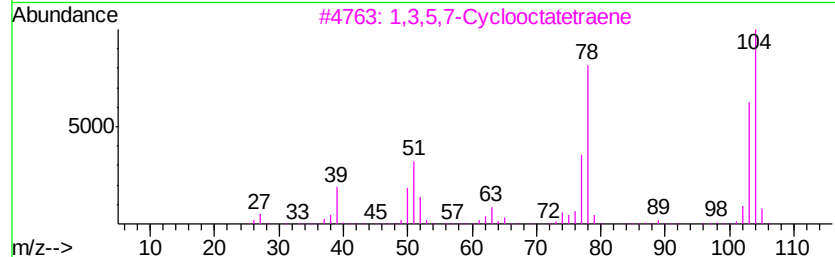
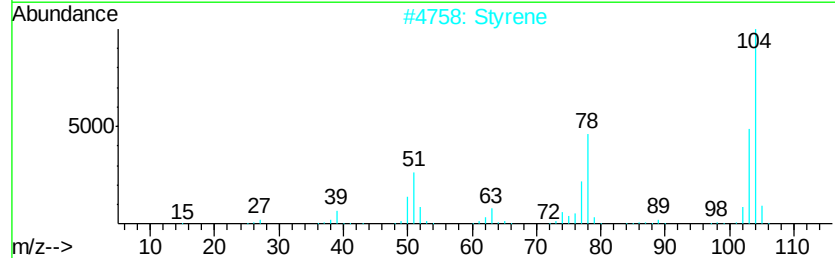
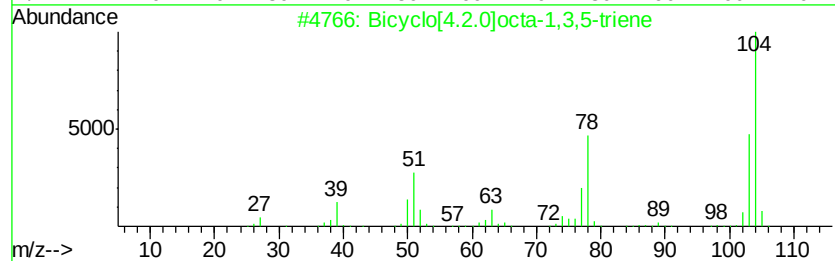
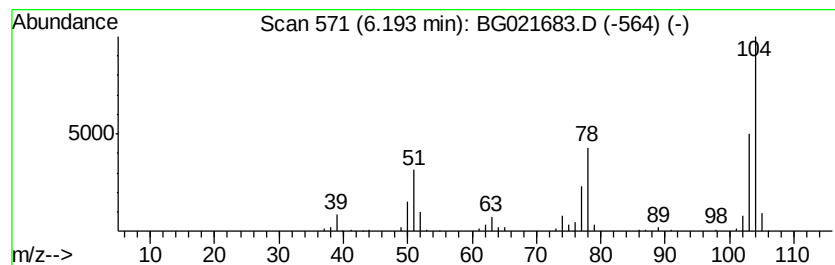
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	12.91 ng	191873	1,4-Dichlorobenzene-d4	8.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2			Styrene	104	C8H8	000100-42-5	96
3			1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4			Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	35
5			3-Pyridinecarbonitrile	104	C6H4N2	000100-54-9	20



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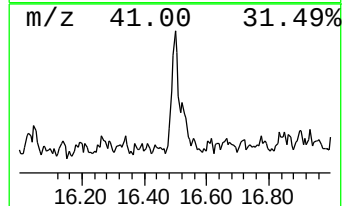
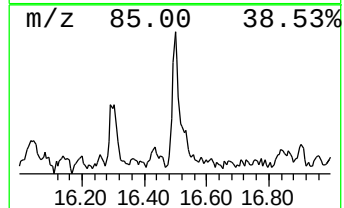
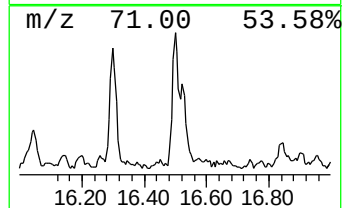
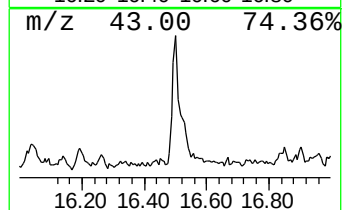
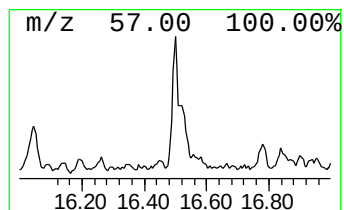
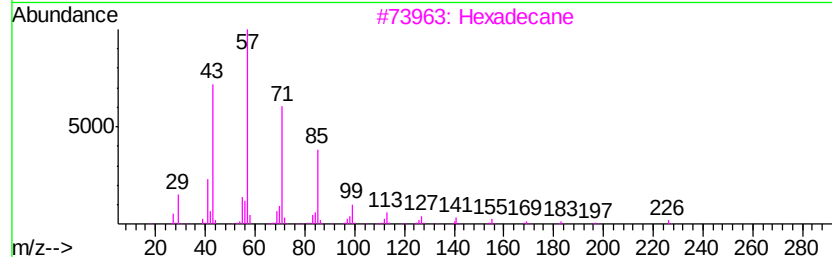
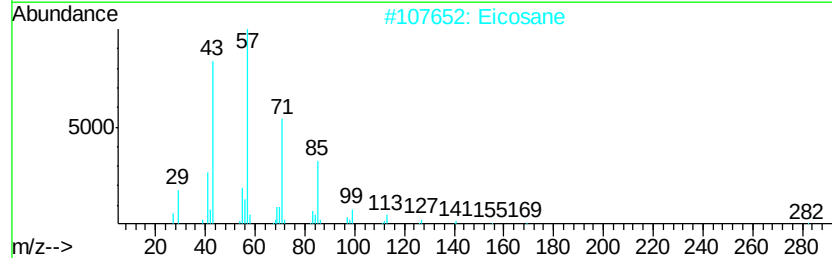
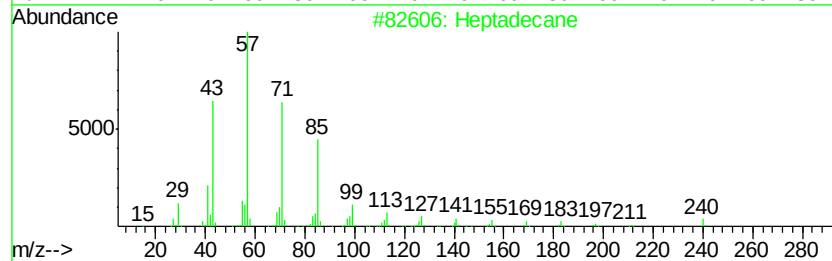
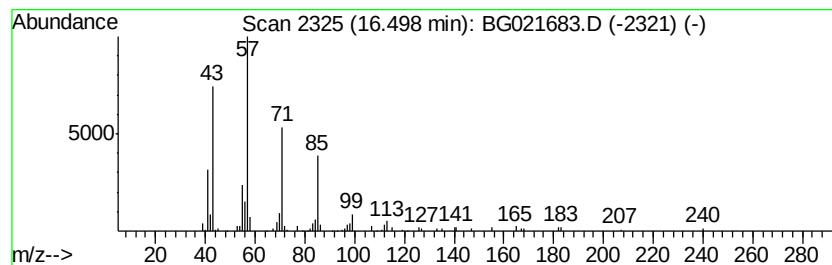
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.50	2.27 ng	70547	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Pentadecane	212	C15H32	000629-62-9	86



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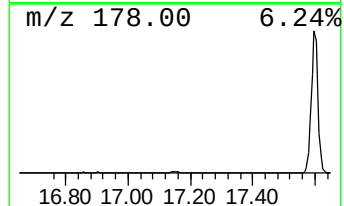
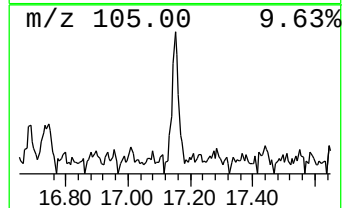
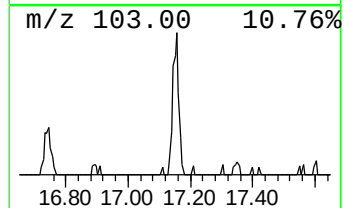
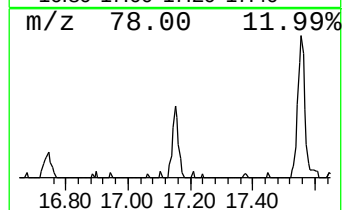
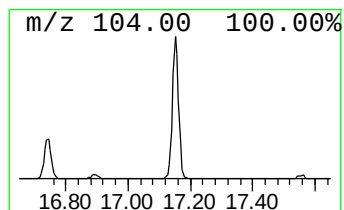
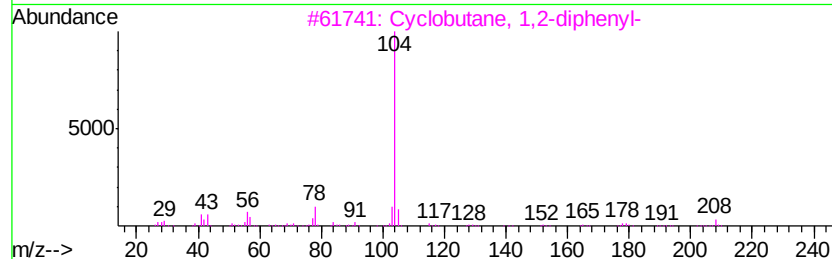
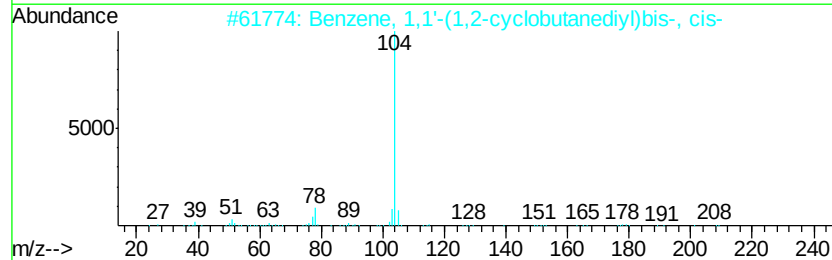
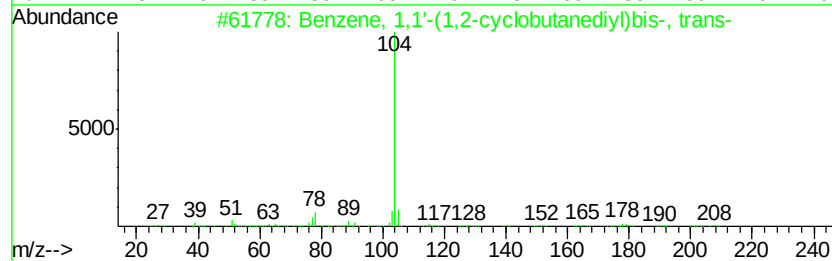
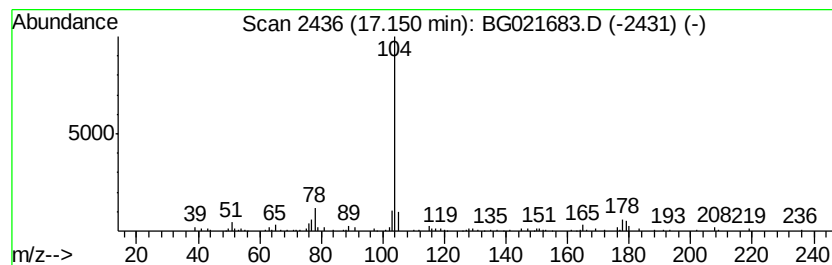
Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,1'-(1,2-cyclobut... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.15	2.60 ng	80769	Phenanthrene-d10	17.56		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	020071-09-4	78
2		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	72
3		Cyclobutane, 1,2-diphenyl-	208	C16H16	003018-21-1	72
4		Cyclobuta[a]dibenzo[c,f]cyclohep...	234	C17H14O	060548-96-1	72
5		[2.2]Paracyclophane	208	C16H16	001633-22-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

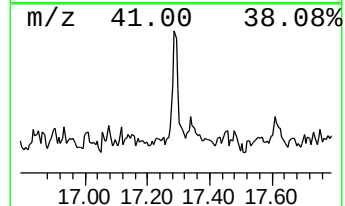
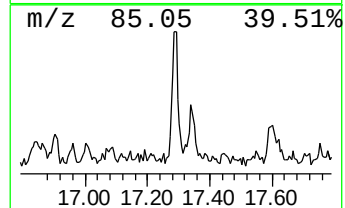
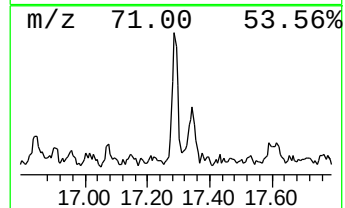
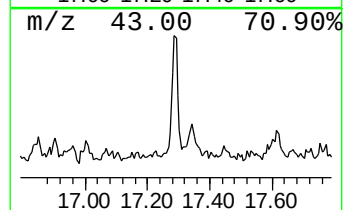
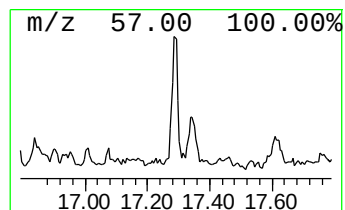
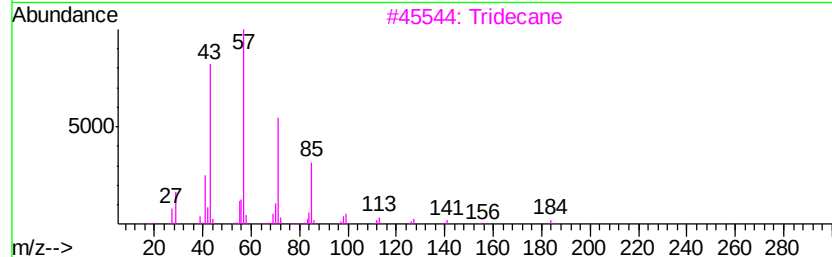
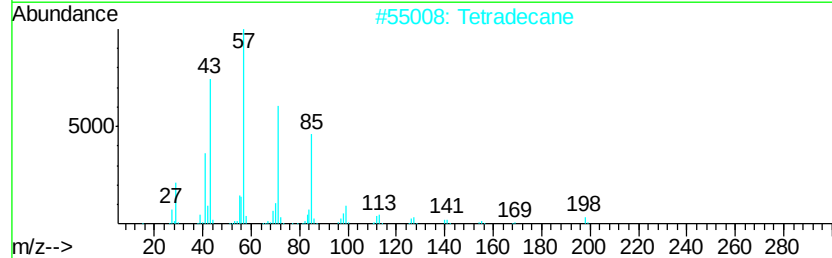
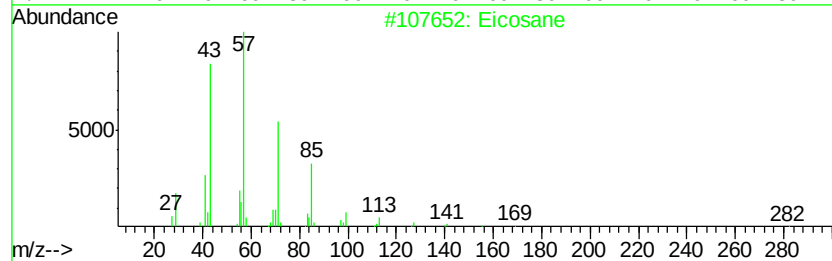
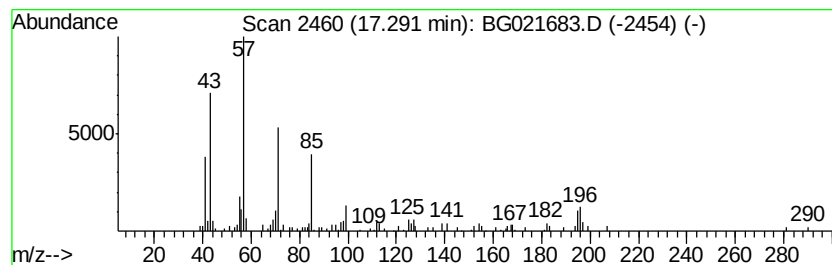
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ClientSampleId :
SP-5W(0-2)

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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 Eicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.29	2.21 ng	68662	Phenanthrene-d10		17.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	62
2	Tetradecane		198	C14H30	000629-59-4	58
3	Tridecane		184	C13H28	000629-50-5	58
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	53
5	Heptadecane		240	C17H36	000629-78-7	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-5W(0-2)

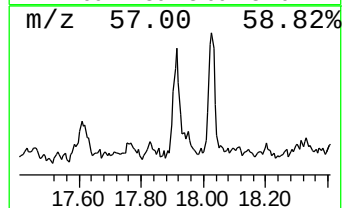
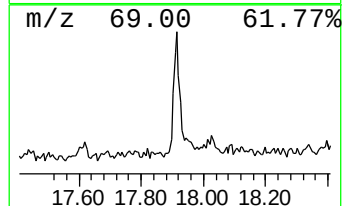
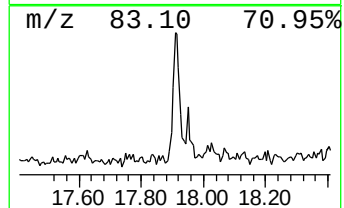
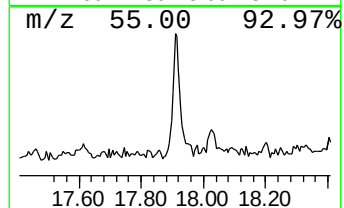
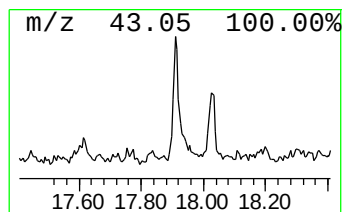
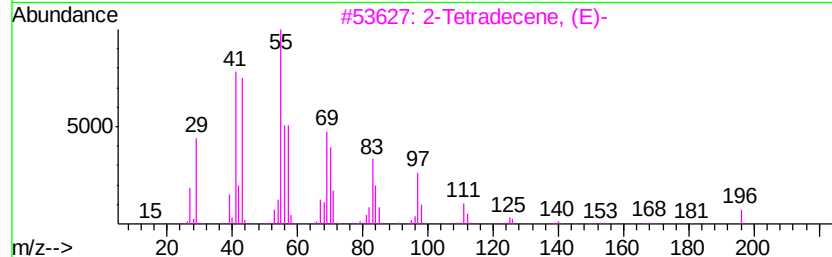
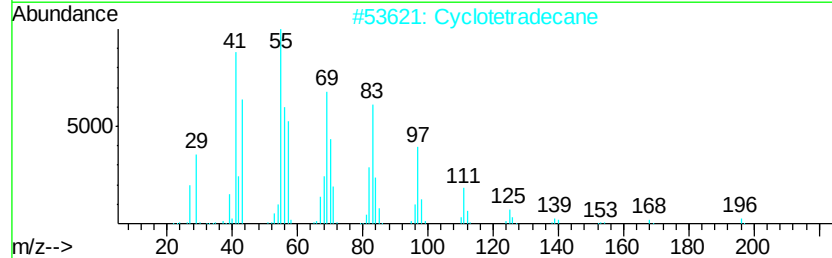
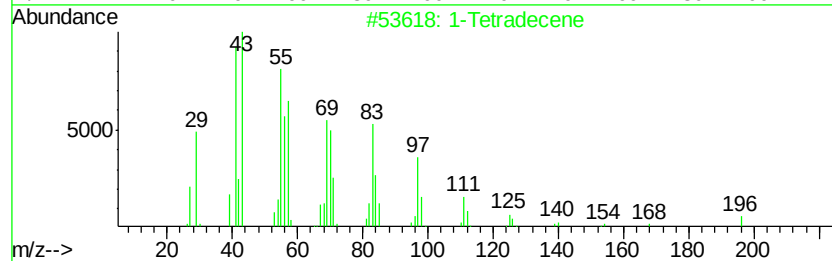
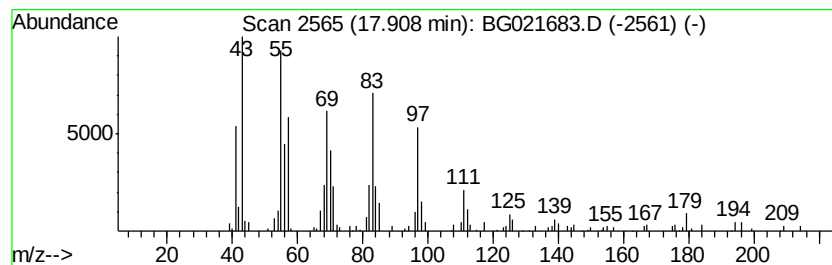
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 1-Tetradecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.22 ng	100130	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Tetradecene	196	C14H28	001120-36-1	98
2			Cyclotetradecane	196	C14H28	000295-17-0	96
3			2-Tetradecene, (E)-	196	C14H28	035953-53-8	95
4			1-Hexadecanol	242	C16H34O	036653-82-4	95
5			Cyclohexadecane	224	C16H32	000295-65-8	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-5W(0-2)

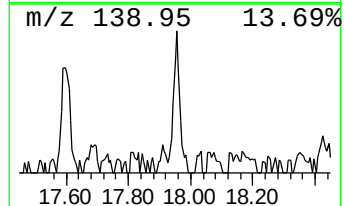
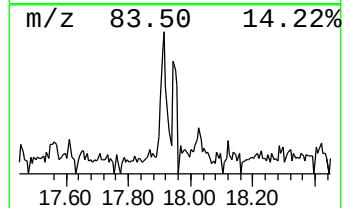
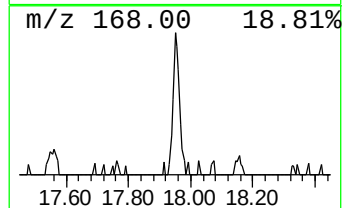
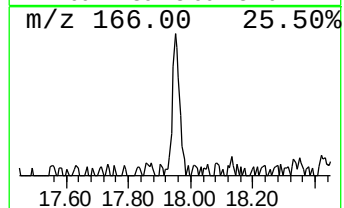
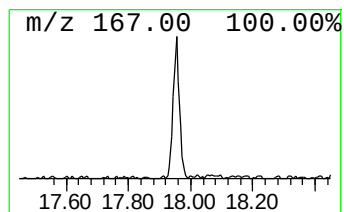
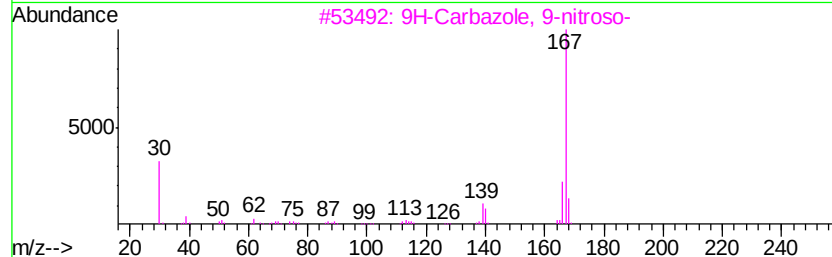
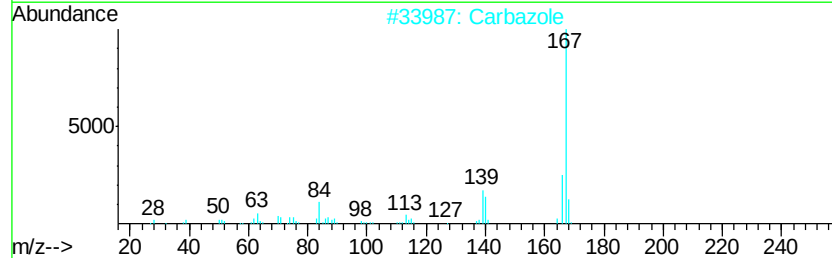
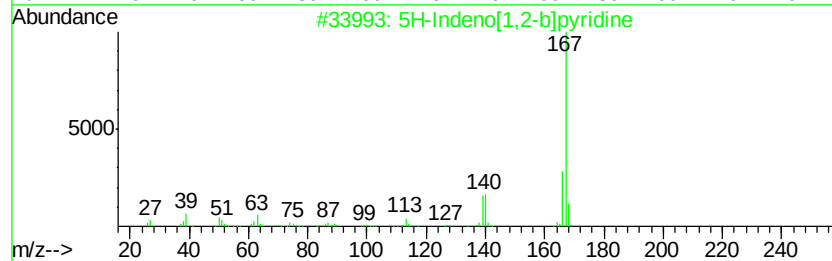
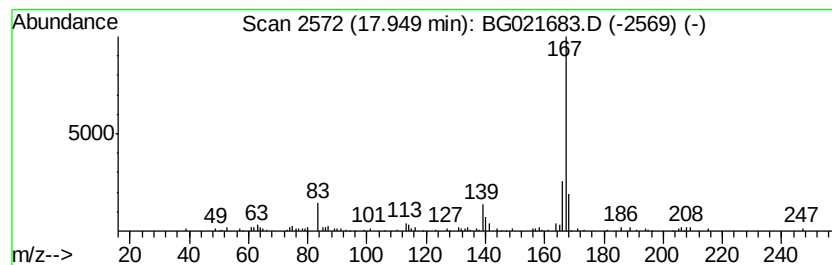
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5H-Indeno[1,2-b]pyridine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.13 ng	66082	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2		Carbazole	167	C12H9N	000086-74-8	86
3		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78
4		1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	64
5		1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

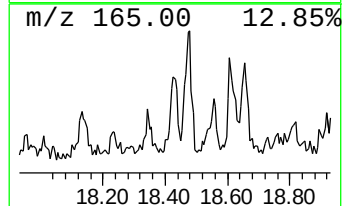
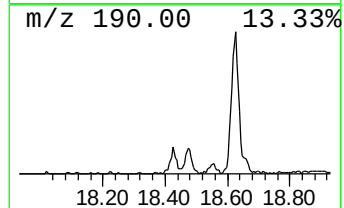
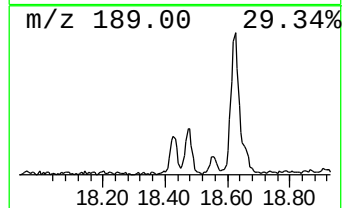
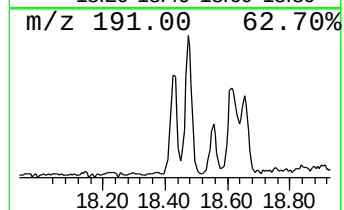
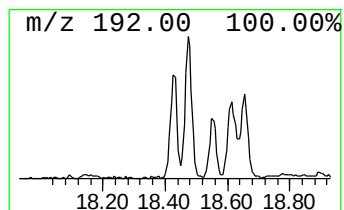
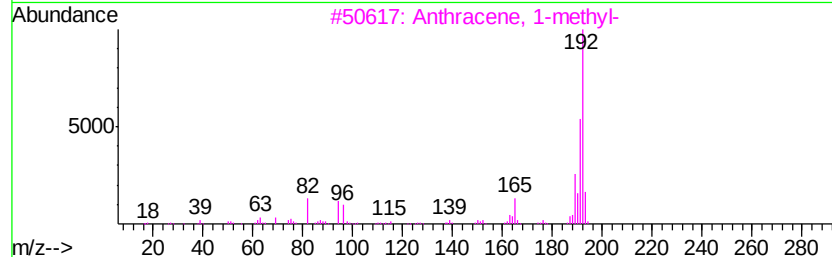
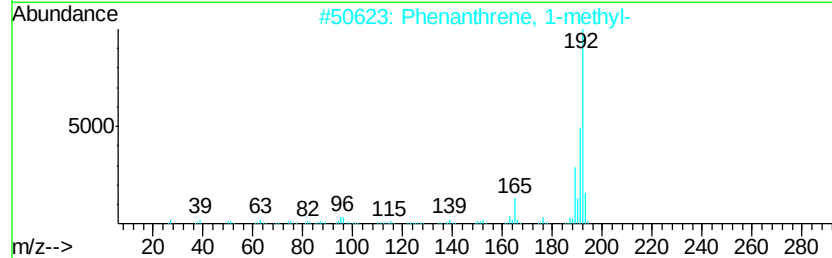
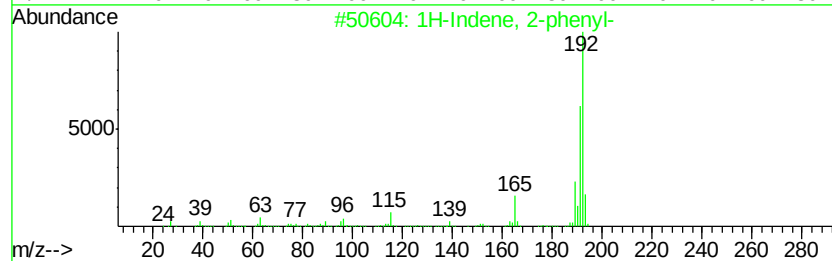
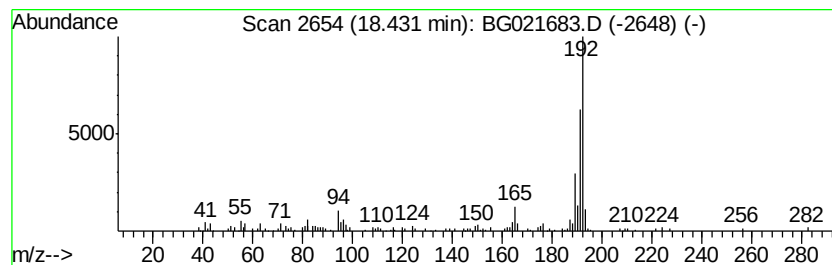
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.43	2.62 ng	81355	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
SP-5W(0-2)

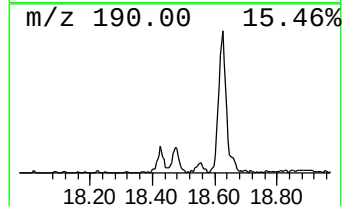
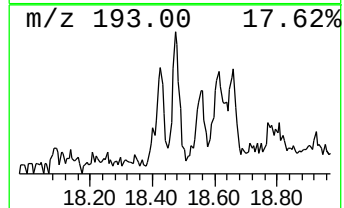
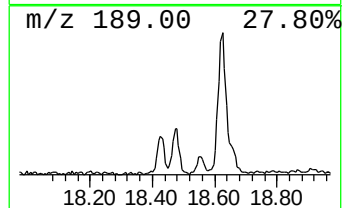
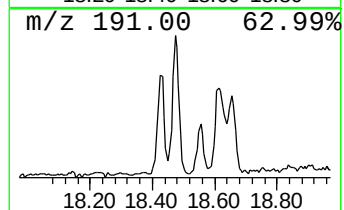
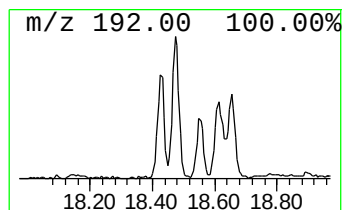
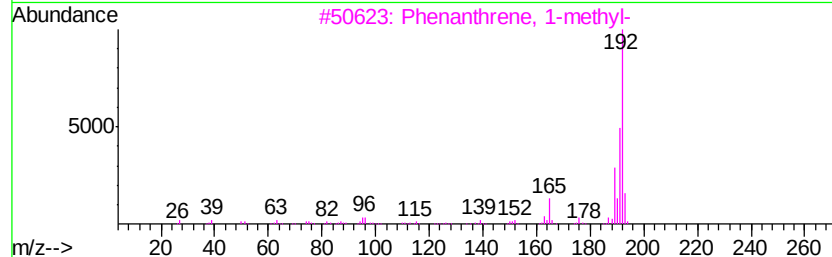
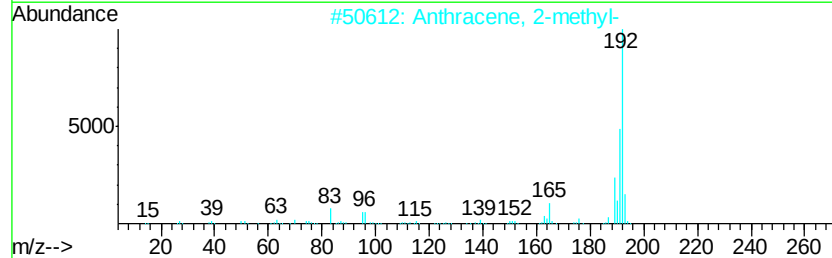
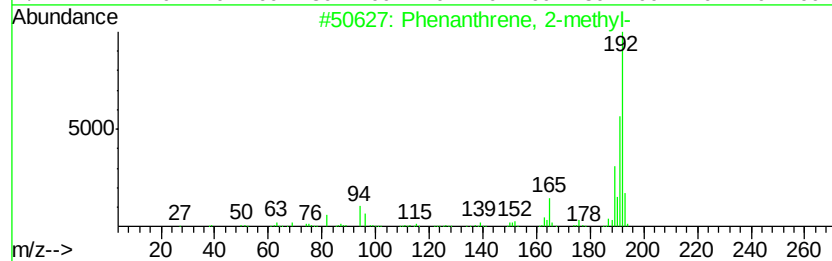
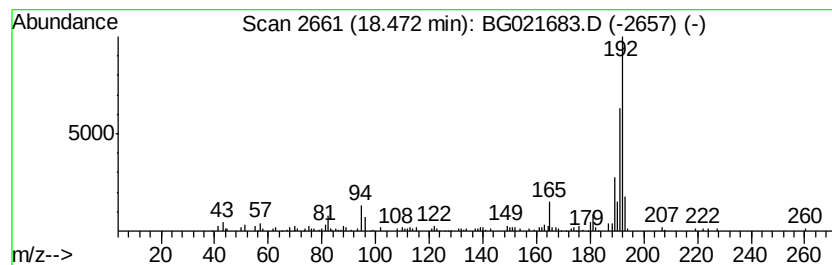
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	3.11 ng	96591	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95
5			1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
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ClientSampleId :
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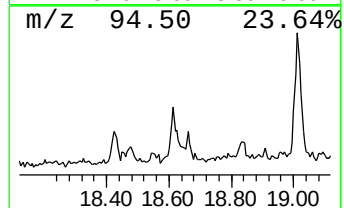
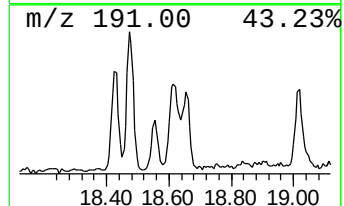
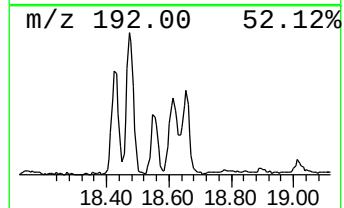
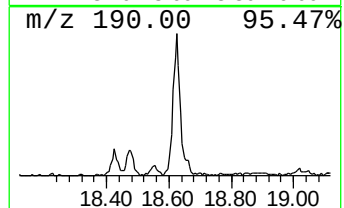
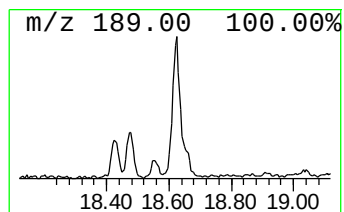
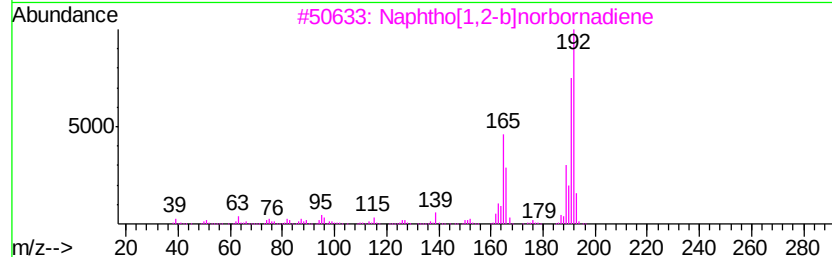
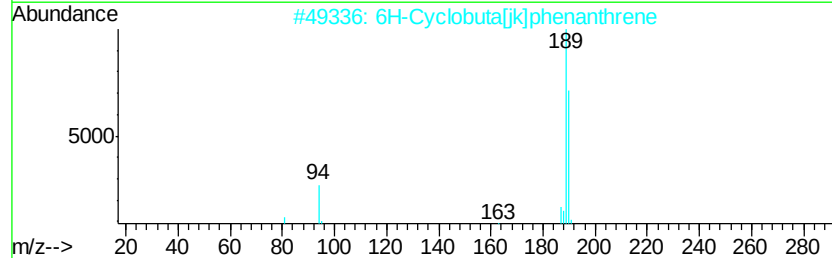
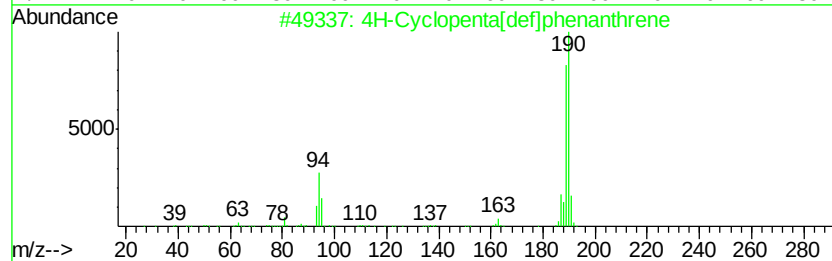
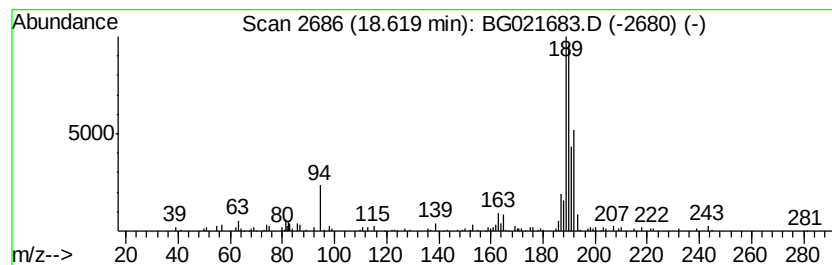
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	4.33 ng	134506	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	18
4			1-(Hydrazinocarbonylmethyl)-1-ph...	224	C9H12N4OS	013116-01-3	14
5			2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
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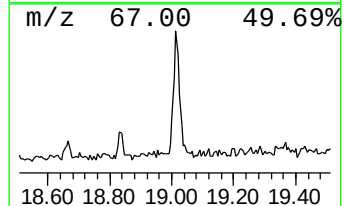
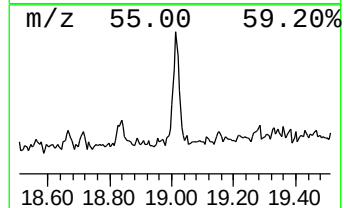
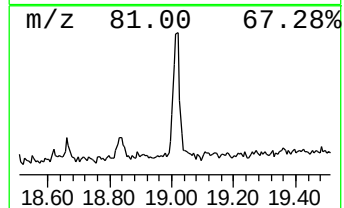
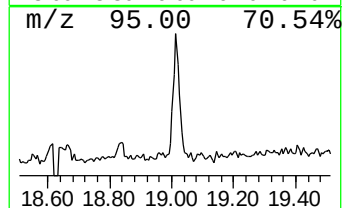
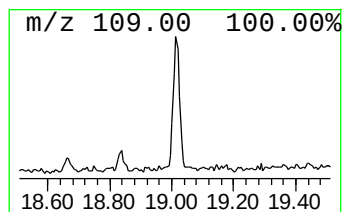
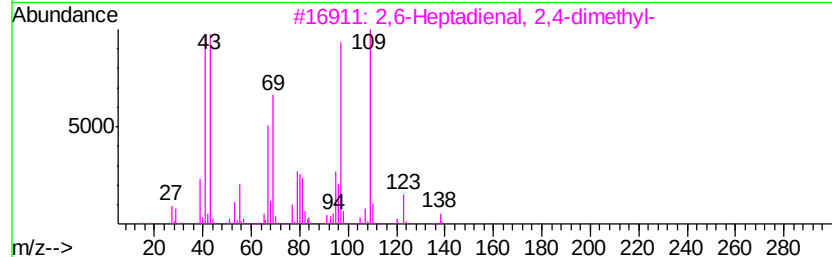
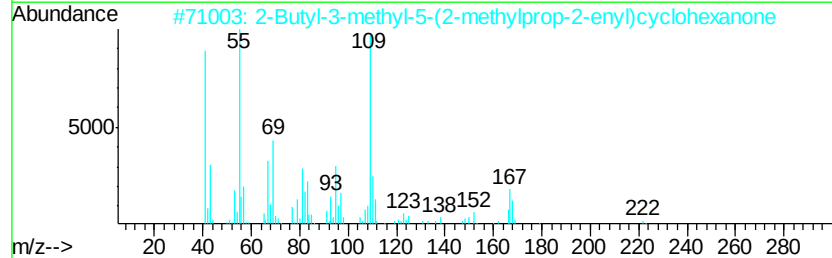
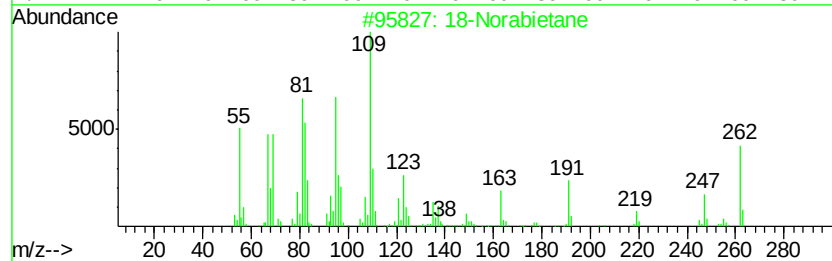
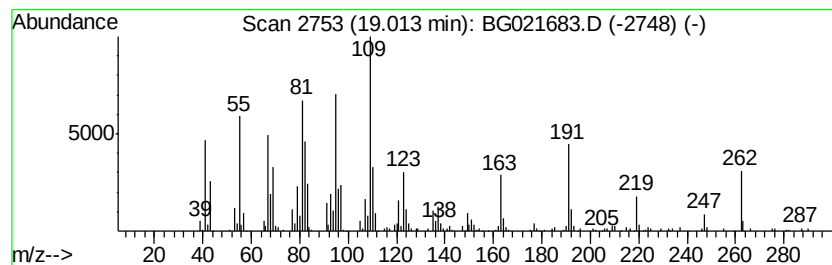
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 18-Norabietane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	6.80 ng	211066	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	90
2	2-Butyl-3-methyl-5-(2-methylprop...	222	C15H26O	1000281-10-7	43
3	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	35
4	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	30
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	20



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

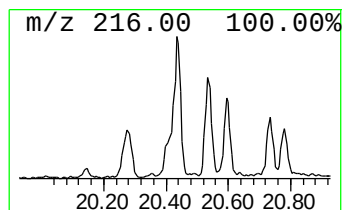
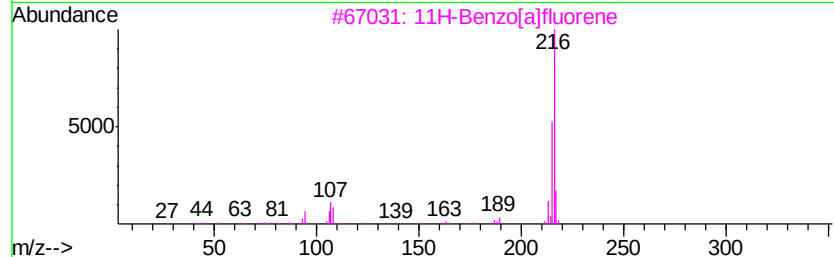
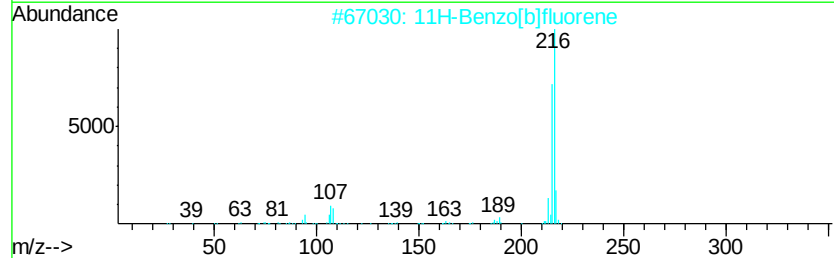
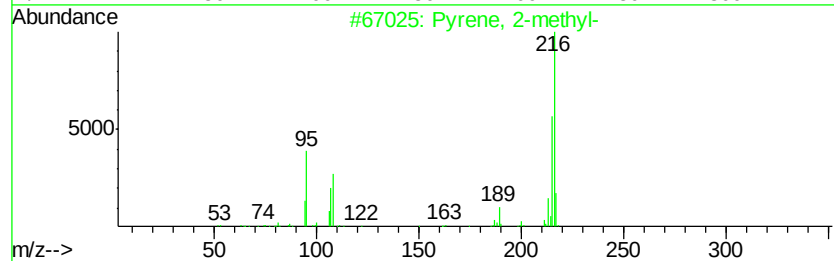
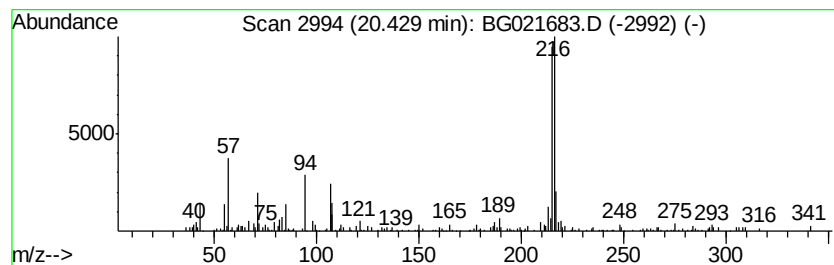
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.16 ng	126964	Chrysene-d12	21.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 2-methyl-	216 C17H12	003442-78-2 94
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 94
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 93
5		7H-Benzo[c]fluorene	216 C17H12	000205-12-9 64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

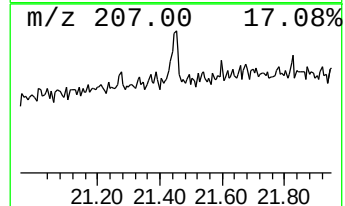
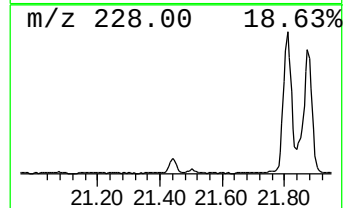
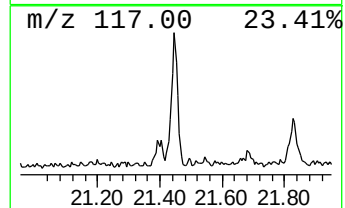
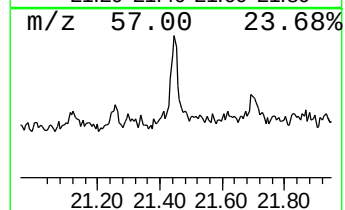
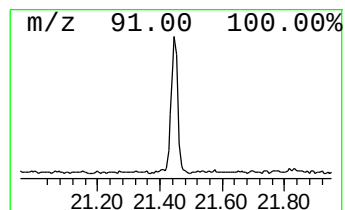
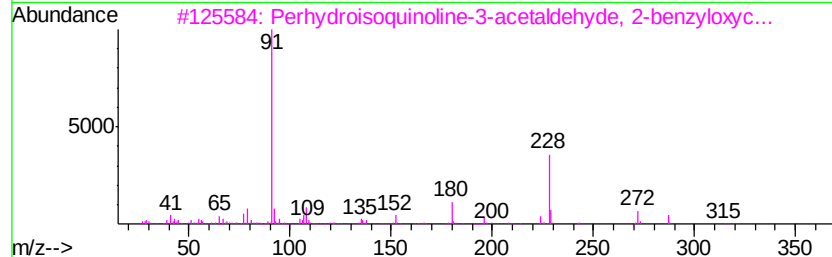
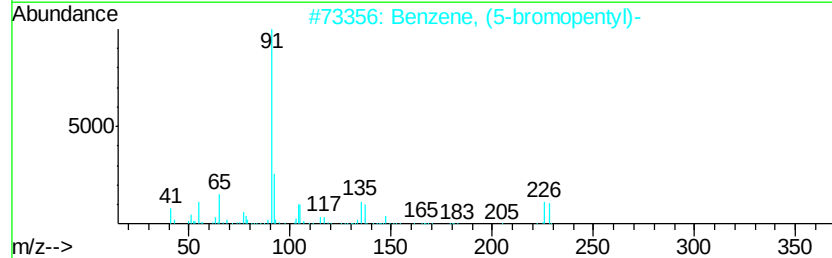
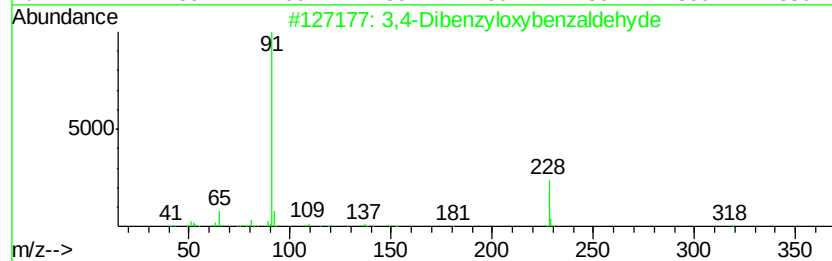
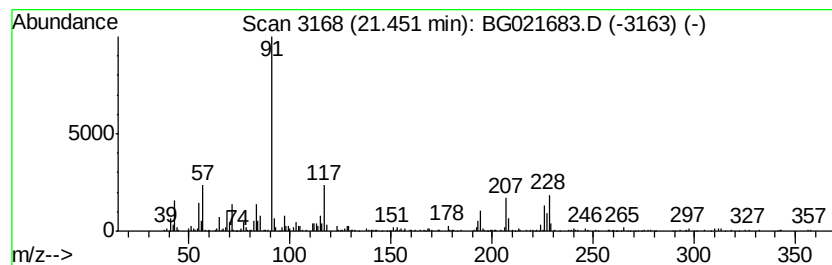
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ClientSampleId :
SP-5W(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown21.45 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
21.45	3.27 ng	192282	Chrysene-d12		21.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibenzoyloxybenzaldehyde	318	C21H18O3	005447-02-9	30
2	Benzene, (5-bromopentyl)-	226	C11H15Br	014469-83-1	16
3	Perhydroisoquinoline-3-acetaldehy...	315	C19H25N03	1000195-70-1	16
4	Silane, trichloro(4-methylphenyl)-	224	C7H7Cl3Si	000701-35-9	14
5	Benzene, 1,1'-[1-(2,2-dimethyl-3...	278	C21H26	061142-62-9	10



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

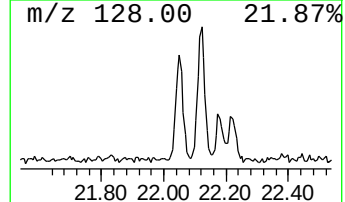
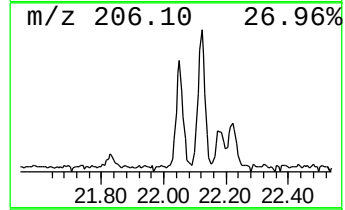
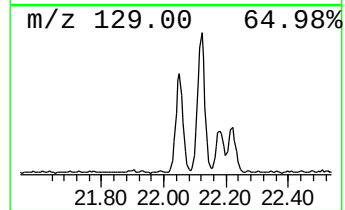
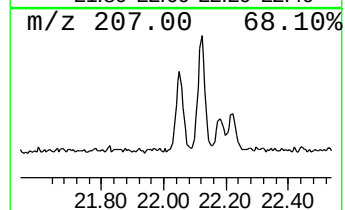
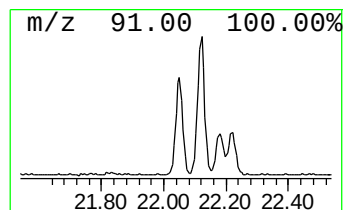
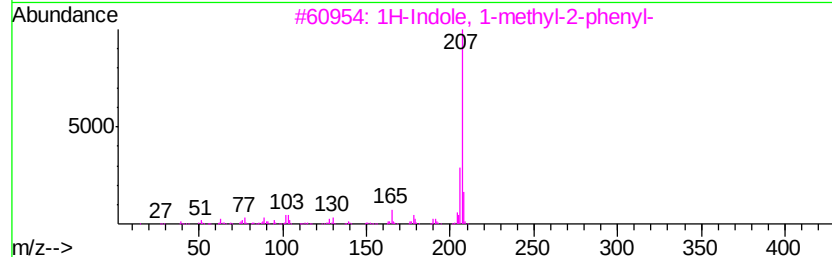
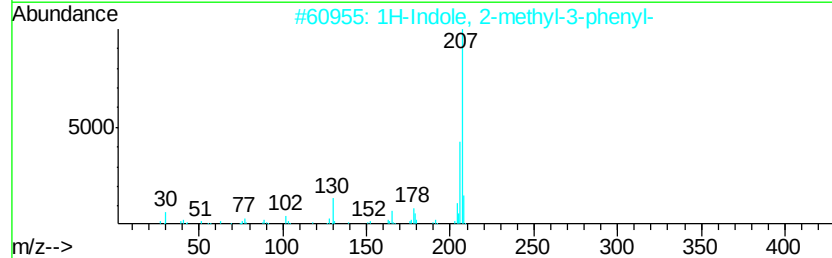
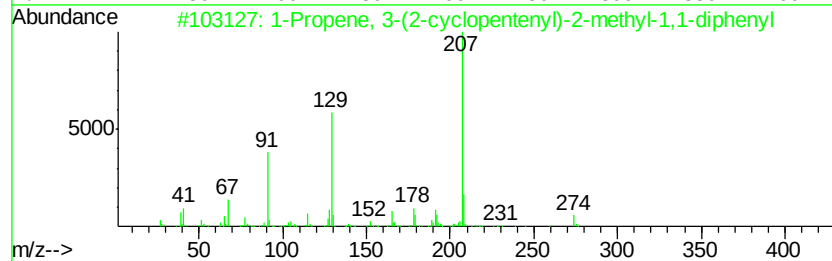
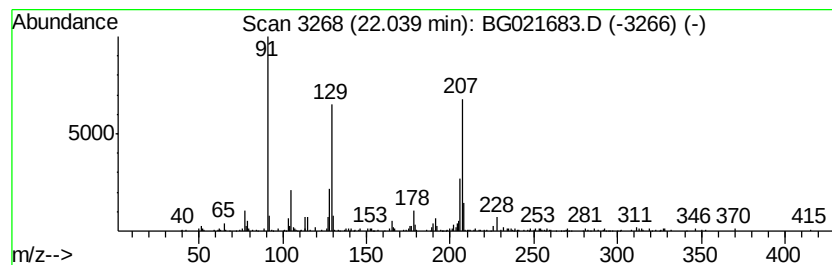
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown22.04 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	4.42 ng	259864	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	47
2		1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	45
3		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
4		Methadone N-oxide	325	C21H27NO2	1000120-80-7	37
5		(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021683.D
Acq On : 15 Apr 2016 12:01
Operator : UM/SJ
Sample : H2412-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-5W(0-2)

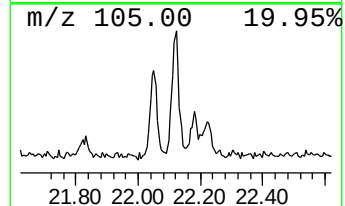
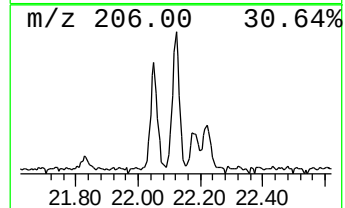
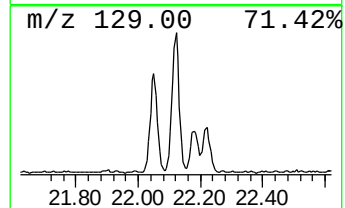
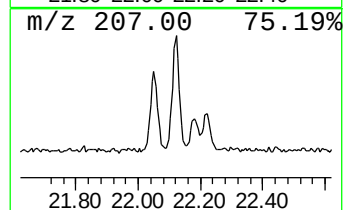
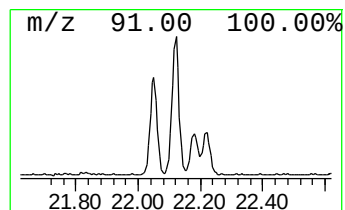
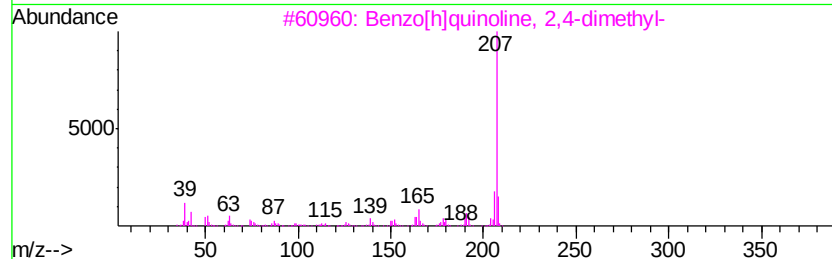
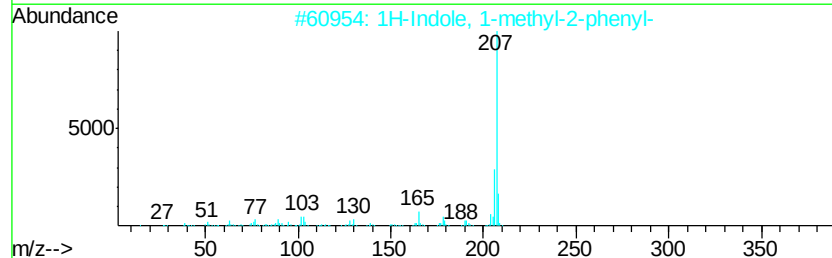
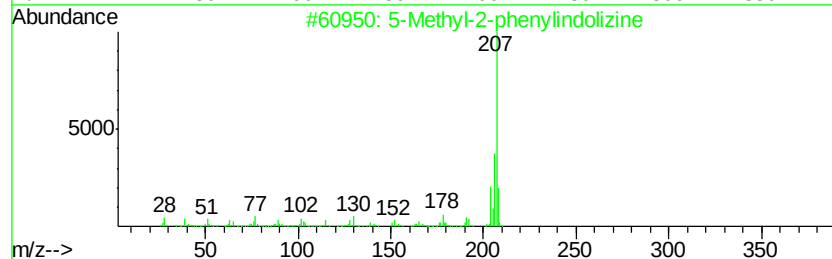
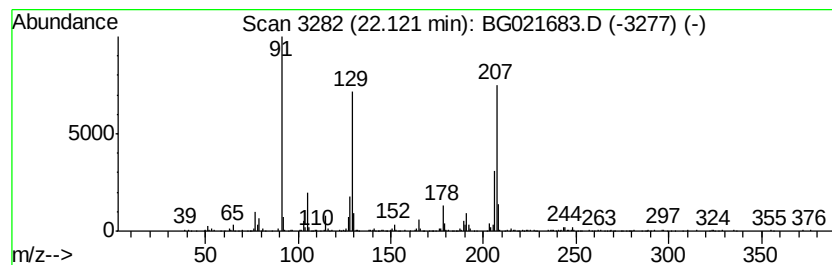
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown22.12 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	6.04 ng	355222	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	47
2		1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	45
3		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	43
4		3-Methyl-2-phenylindole	207	C15H13N	010257-92-8	38
5		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021683.D
 Acq On : 15 Apr 2016 12:01
 Operator : UM/SJ
 Sample : H2412-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-5W(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
unknown3.11	3.11	380.2	ng	5650420	1	8.22	297256	20.0
2-Pentanone, 4-hy...	5.30	9.3	ng	137457	1	8.22	297256	20.0
Bicyclo[4.2.0]oct...	6.19	12.9	ng	191873	1	8.22	297256	20.0
Heptadecane	16.50	2.3	ng	70547	4	17.56	621239	20.0
Benzene, 1,1'-(1,...	17.15	2.6	ng	80769	4	17.56	621239	20.0
Eicosane	17.29	2.2	ng	68662	4	17.56	621239	20.0
1-Tetradecene	17.91	3.2	ng	100130	4	17.56	621239	20.0
5H-Indeno[1,2-b]p...	17.95	2.1	ng	66082	4	17.56	621239	20.0
1H-Indene, 2-phenyl-	18.43	2.6	ng	81355	4	17.56	621239	20.0
Phenanthrene, 2-m...	18.47	3.1	ng	96591	4	17.56	621239	20.0
4H-Cyclopenta[def...	18.62	4.3	ng	134506	4	17.56	621239	20.0
18-Norabietane	19.01	6.8	ng	211066	4	17.56	621239	20.0
Pyrene, 2-methyl-	20.43	2.2	ng	126964	5	21.83	1176920	20.0
unknown21.45	21.45	3.3	ng	192282	5	21.83	1176920	20.0
unknown22.04	22.04	4.4	ng	259864	5	21.83	1176920	20.0
unknown22.12	22.12	6.0	ng	355222	5	21.83	1176920	20.0