

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
 Data File : BG021783.D
 Acq On : 20 Apr 2016 13:45
 Operator : UM/SJ
 Sample : H2589-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WPG-B18(0-7)-C

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	3.091	38	43	63	rVB	2001017	2881520	100.00%	16.940%
2	5.288	409	417	425	rVB	100212	164785	5.72%	0.969%
3	5.764	490	498	506	rBV	536123	876391	30.41%	5.152%
4	7.368	763	771	783	rBV	574099	1007514	34.96%	5.923%
5	7.744	827	835	842	rBV	557939	969296	33.64%	5.698%
6	8.214	908	915	923	rVB	119303	203994	7.08%	1.199%
7	8.537	963	970	978	rBV	410801	714654	24.80%	4.201%
8	9.378	1106	1113	1128	rVB	349319	641653	22.27%	3.772%
9	11.029	1388	1394	1400	rBV	179814	317688	11.03%	1.868%
10	13.449	1798	1806	1814	rVB	908712	1434329	49.78%	8.432%
11	14.260	1937	1944	1951	rBV	84249	138788	4.82%	0.816%
12	14.824	2032	2040	2046	rVV2	263138	433735	15.05%	2.550%
13	14.883	2046	2050	2058	rVB	27906	42589	1.48%	0.250%
14	15.635	2174	2178	2182	rVB	42387	53055	1.84%	0.312%
15	15.858	2210	2216	2222	rVB2	28981	49369	1.71%	0.290%
16	16.035	2241	2246	2251	rBV5	15258	29591	1.03%	0.174%
17	16.305	2285	2292	2301	rVB	631358	973507	33.78%	5.723%
18	16.493	2320	2324	2327	rBV2	49180	71440	2.48%	0.420%
19	17.280	2454	2458	2462	rBV	27890	38292	1.33%	0.225%
20	17.556	2499	2505	2509	rBV	304077	490149	17.01%	2.882%
21	17.597	2509	2512	2519	rVB	250047	387006	13.43%	2.275%
22	17.691	2521	2528	2532	rVB	62877	99067	3.44%	0.582%
23	17.956	2567	2573	2580	rVB	27395	50510	1.75%	0.297%
24	18.432	2648	2654	2657	rBV	25093	41668	1.45%	0.245%
25	18.473	2657	2661	2668	rVB2	39044	59624	2.07%	0.351%
26	18.626	2680	2687	2690	rBV2	50882	96607	3.35%	0.568%
27	19.331	2803	2807	2812	rBV	43216	62584	2.17%	0.368%
28	19.595	2847	2852	2857	rBV	361951	513330	17.81%	3.018%
29	19.636	2857	2859	2864	rVB3	42033	51707	1.79%	0.304%
30	19.924	2900	2908	2909	rBV3	53668	129155	4.48%	0.759%
31	19.953	2909	2913	2920	rVV	284713	422649	14.67%	2.485%
32	20.018	2922	2924	2929	rVB2	23021	31765	1.10%	0.187%
33	20.141	2939	2945	2951	rBV	1286943	1718795	59.65%	10.105%
34	20.423	2990	2993	3000	rVB2	87057	151097	5.24%	0.888%

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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

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35	20.541	3009	3013	3016	rBV	36498	52418	1.82%	0.308%
36	20.923	3075	3078	3082	rVB	63794	71220	2.47%	0.419%
37	21.440	3162	3166	3171	rVB2	110647	157565	5.47%	0.926%
38	21.834	3225	3233	3238	rBV2	338250	791093	27.45%	4.651%
39	21.881	3238	3241	3247	rVB	129246	203786	7.07%	1.198%
40	25.171	3795	3801	3811	rVB3	136155	385920	13.39%	2.269%

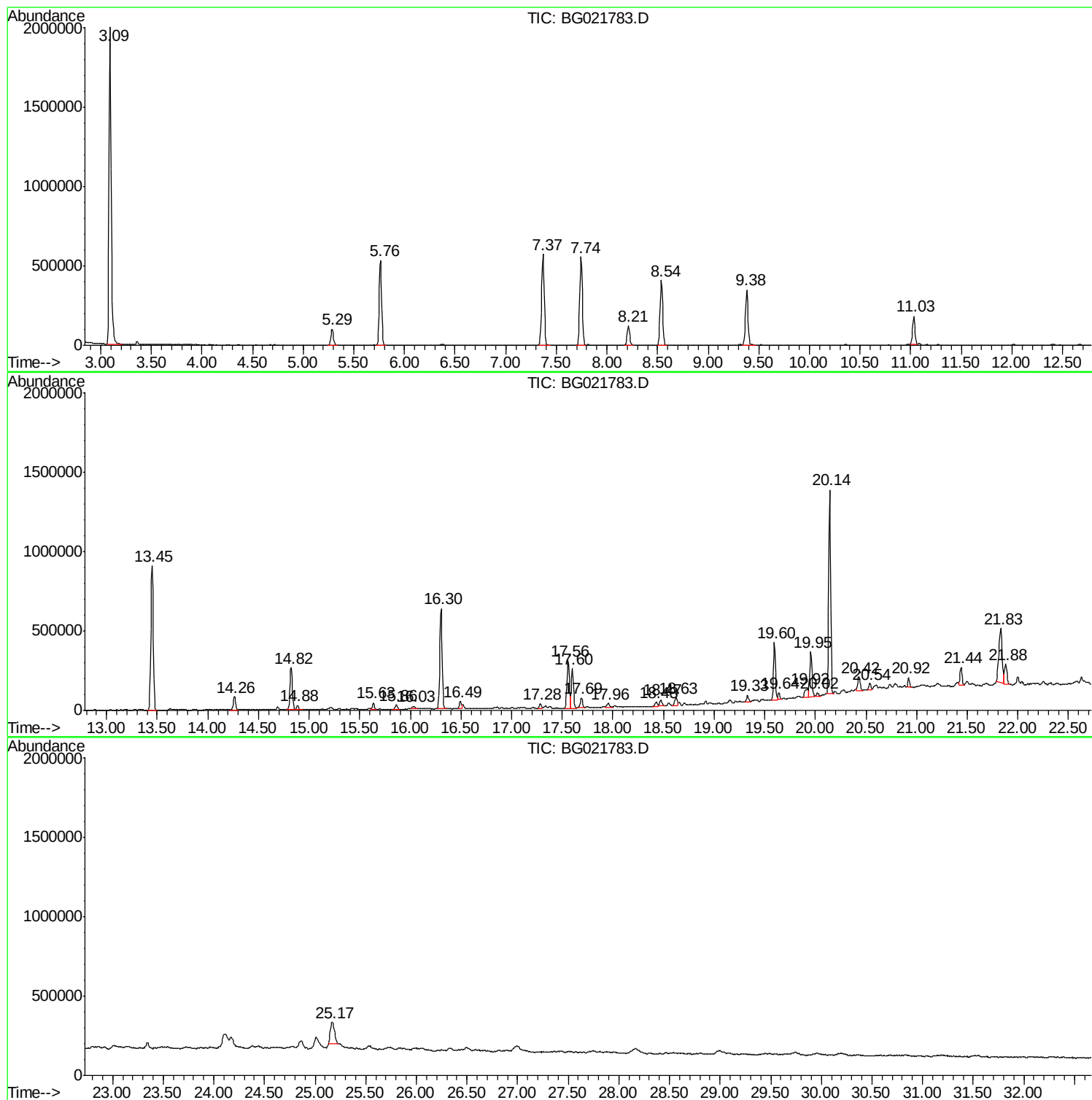
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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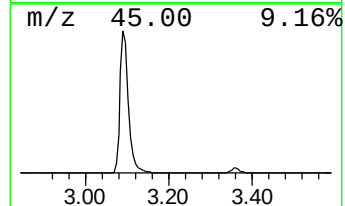
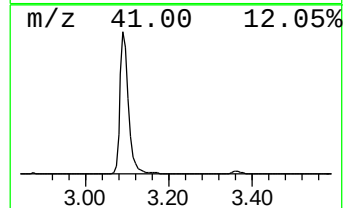
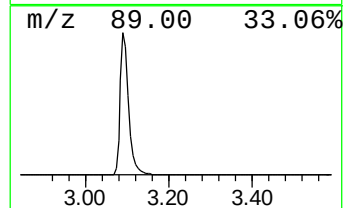
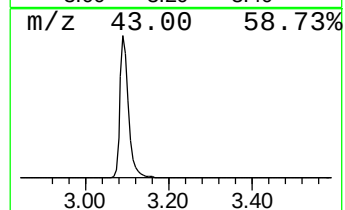
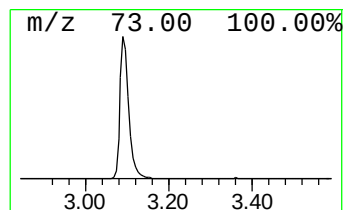
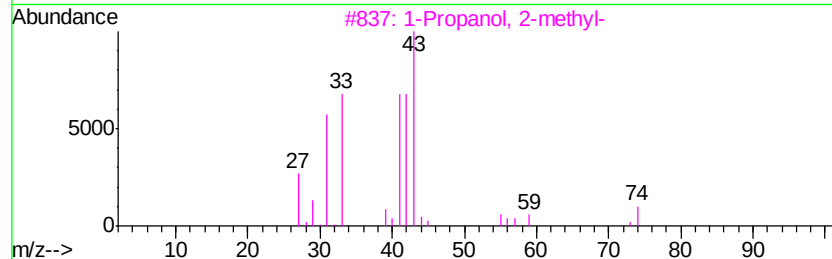
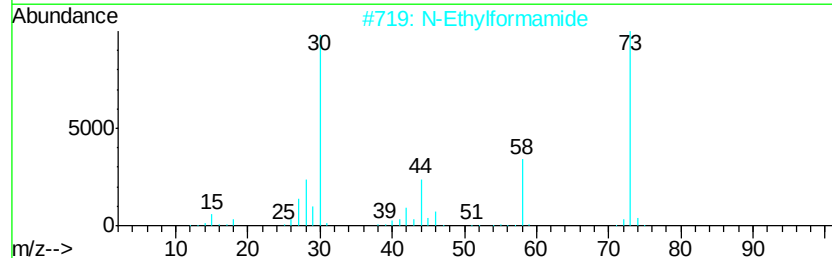
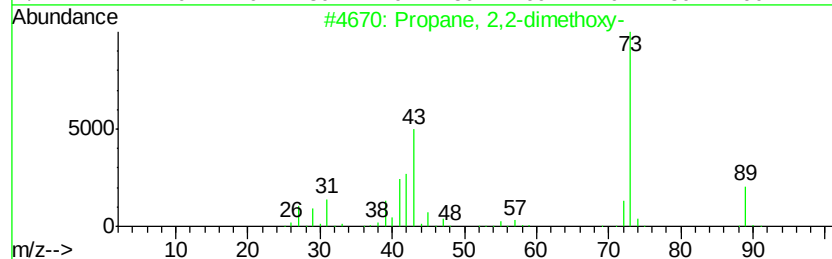
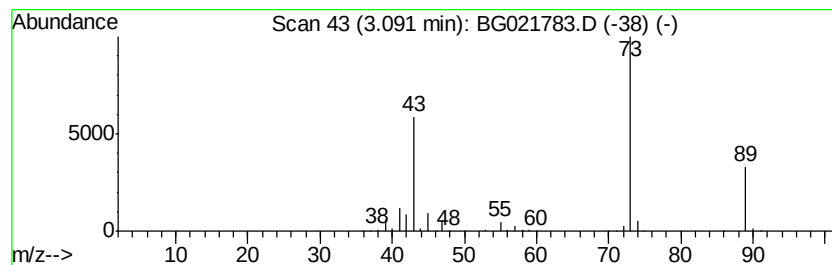
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	282.51 ng	2881520	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	43
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		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9



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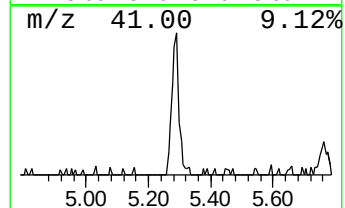
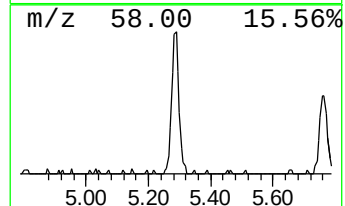
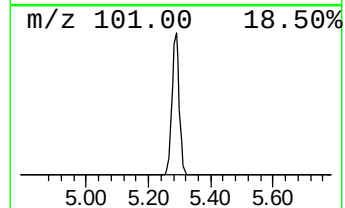
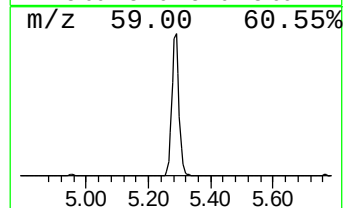
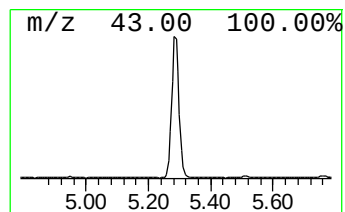
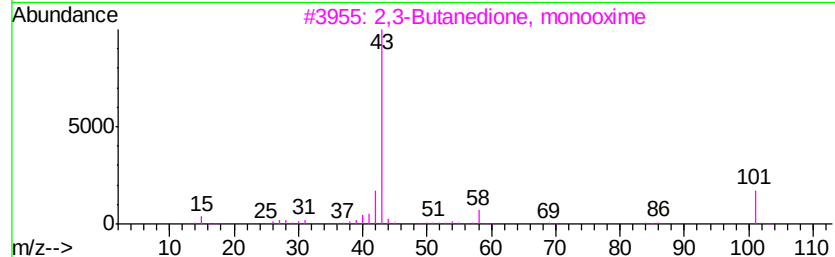
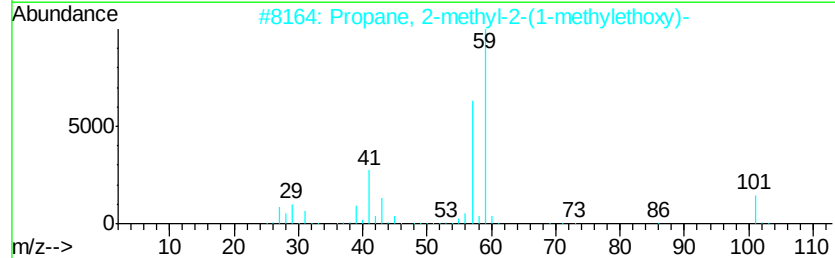
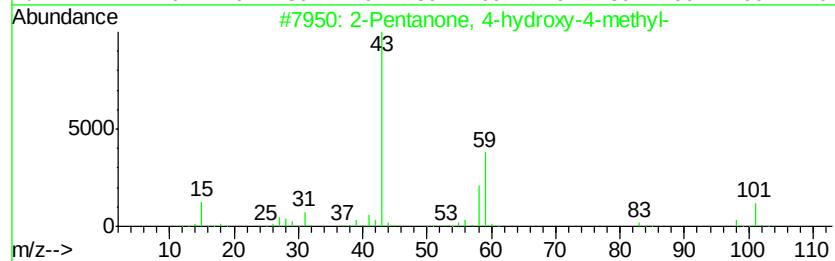
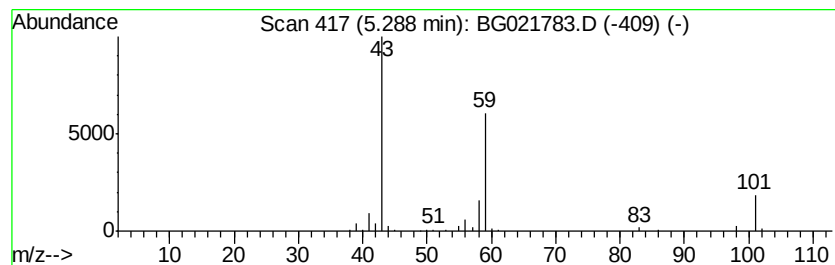
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	16.16 ng	164785	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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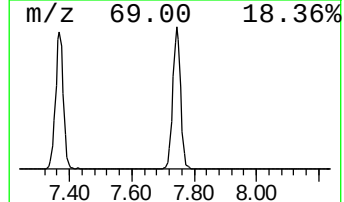
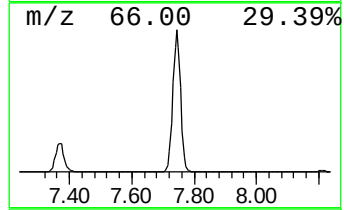
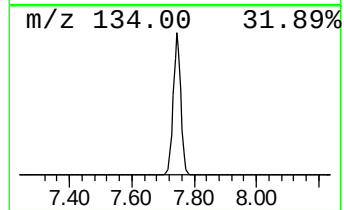
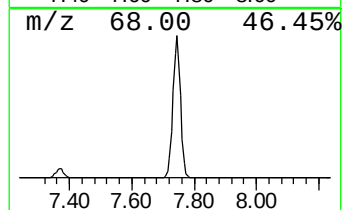
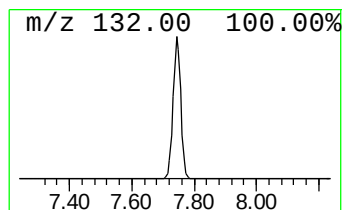
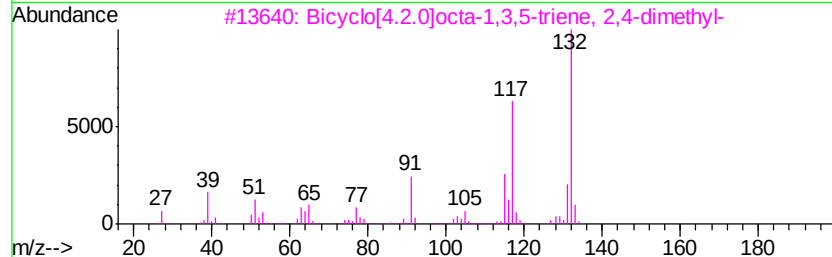
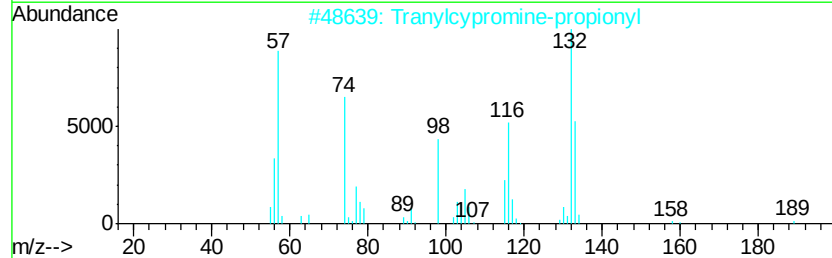
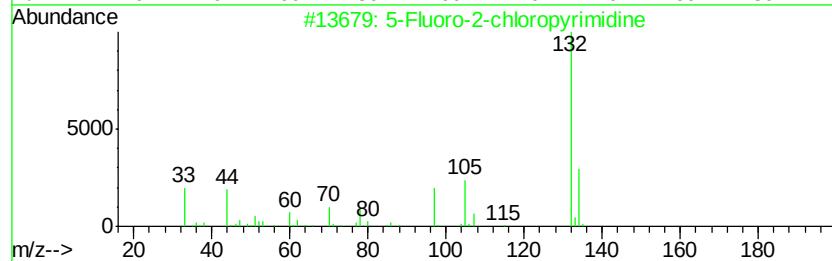
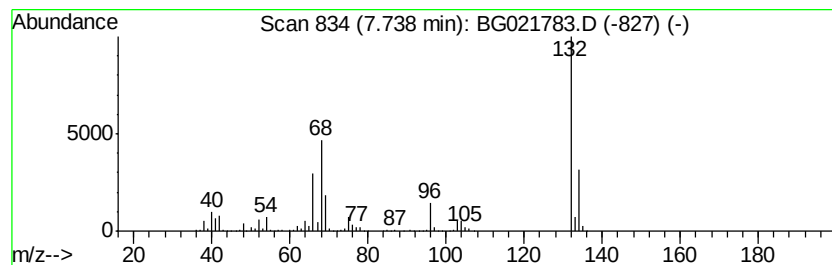
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	95.03 ng	969296	1,4-Dichlorobenzene-d4	8.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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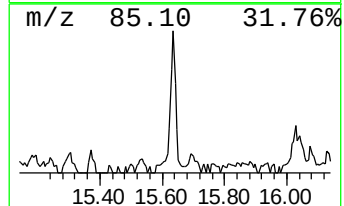
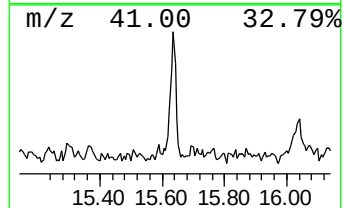
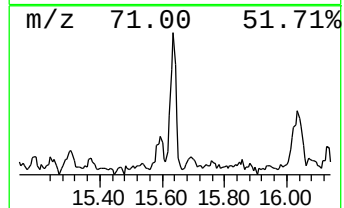
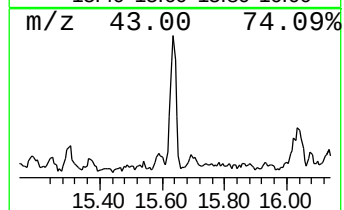
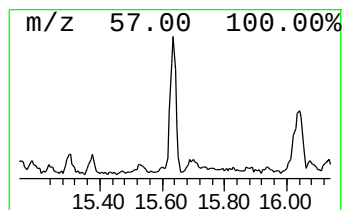
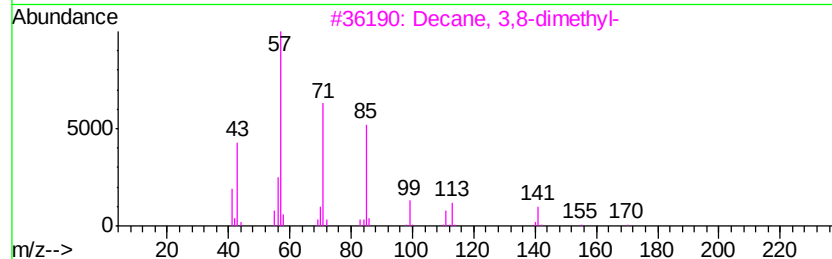
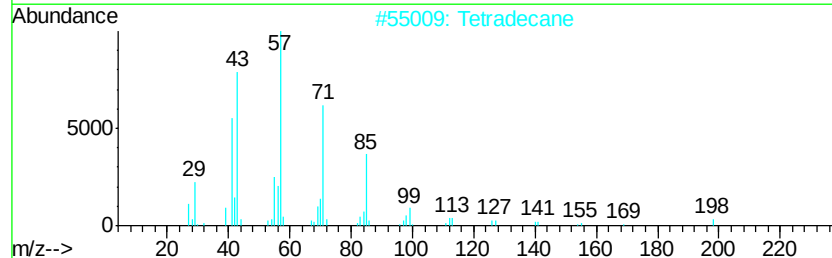
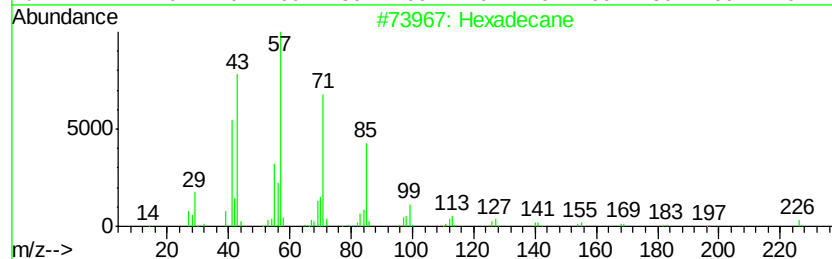
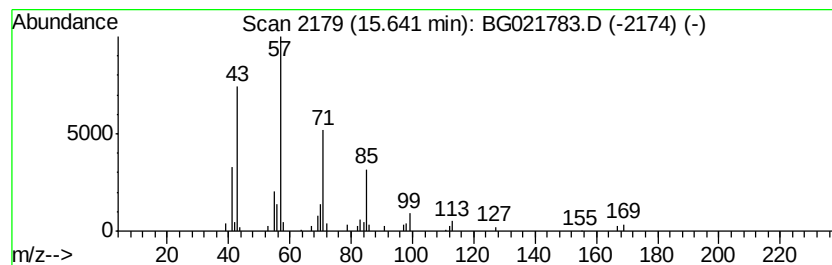
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.45 ng	53055	Acenaphthene-d10	14.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tetradecane		198	C14H30	000629-59-4	83
3	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	74
4	Undecane, 3-methyl-		170	C12H26	001002-43-3	72
5	Decane, 3-bromo-		220	C10H21Br	030571-71-2	53



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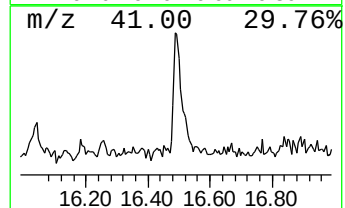
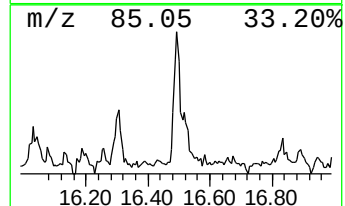
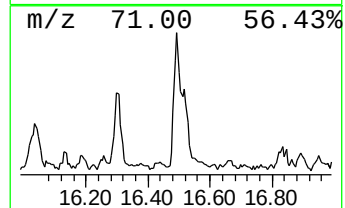
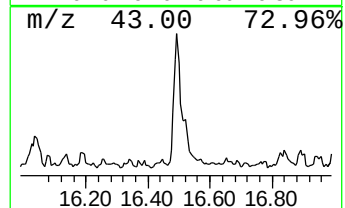
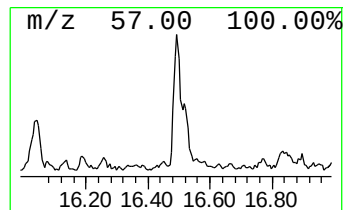
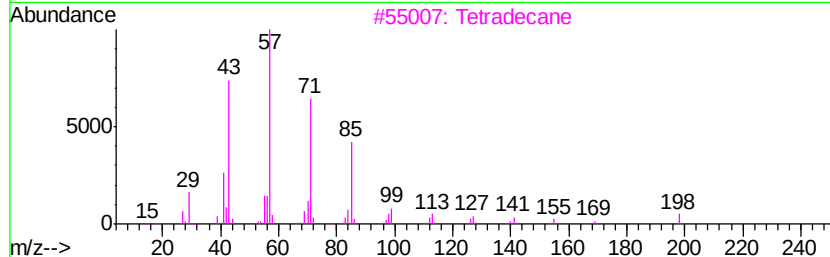
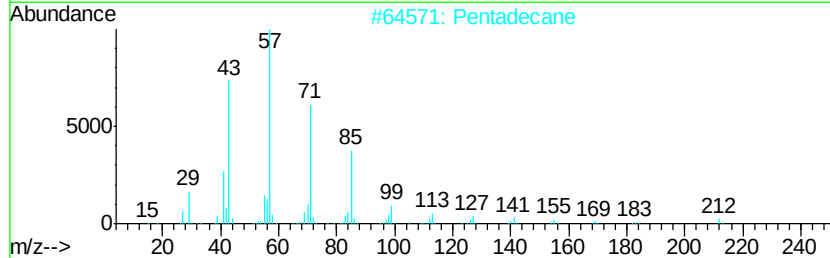
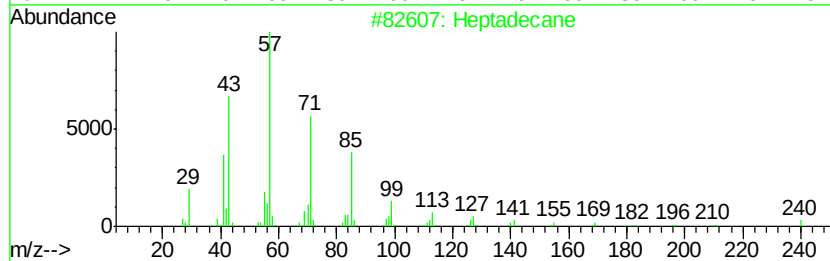
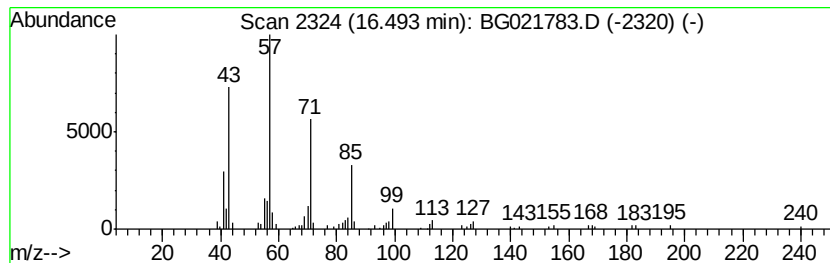
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.49	2.92 ng	71440	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021783.D
Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WPG-B18(0-7)-C

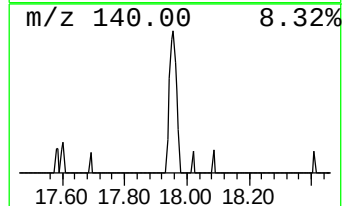
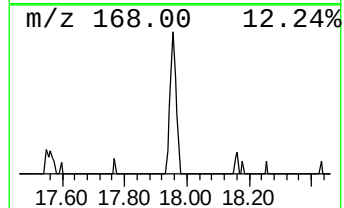
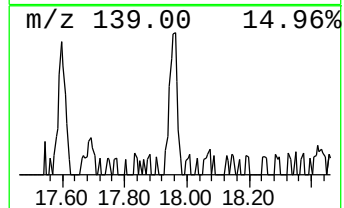
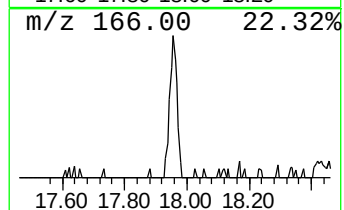
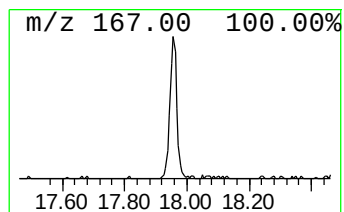
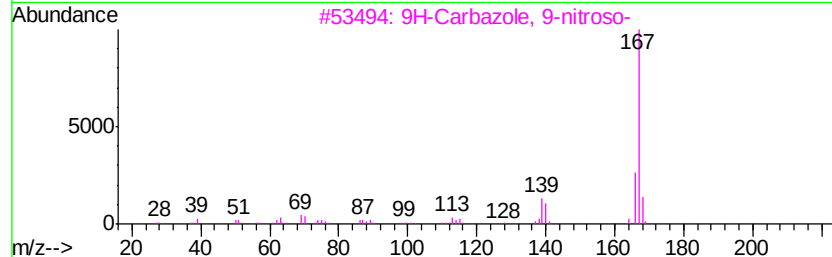
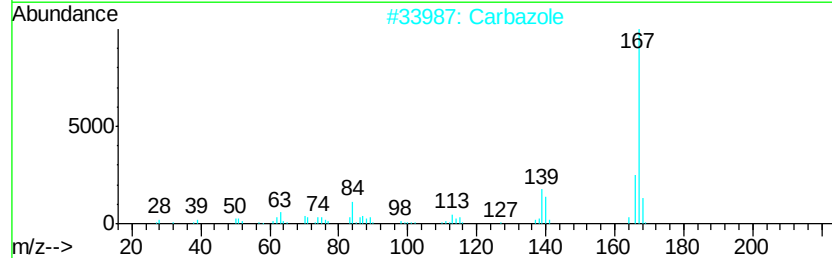
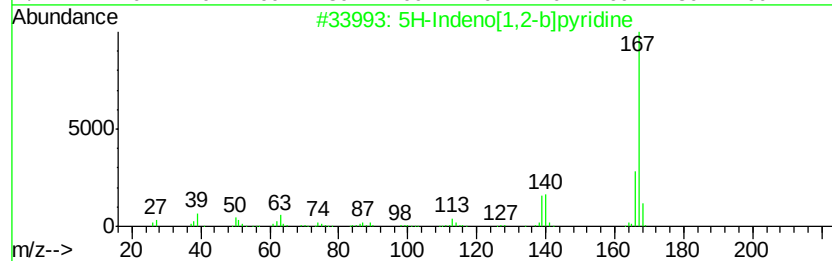
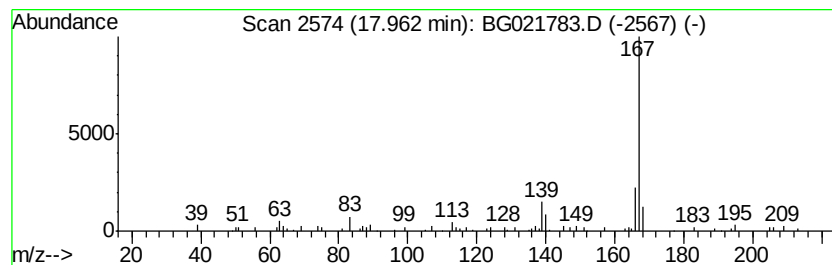
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5H-Indeno[1,2-b]pyridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.06 ng	50510	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	87
3		9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	86
4		9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	78
5		D-Galactitol, 2-(acetylmethylami...	363	C16H29NO8	074410-42-7	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021783.D
Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WPG-B18(0-7)-C

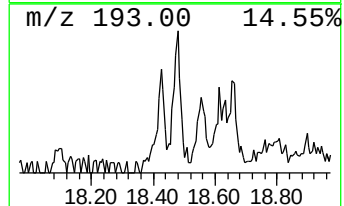
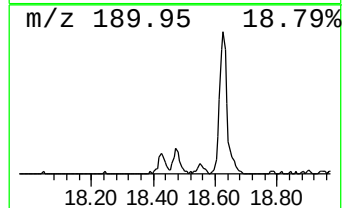
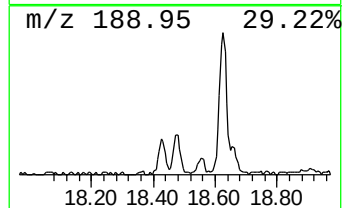
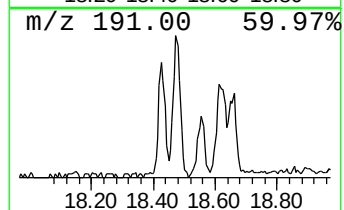
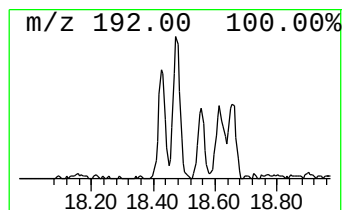
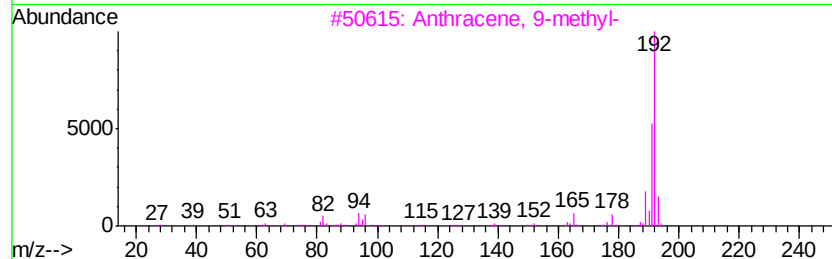
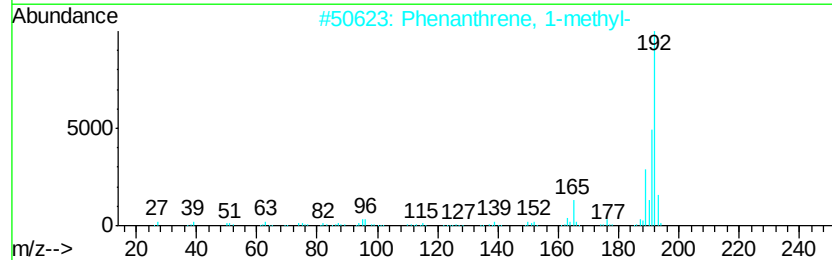
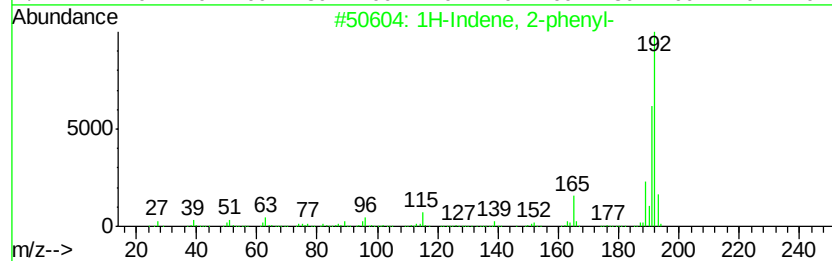
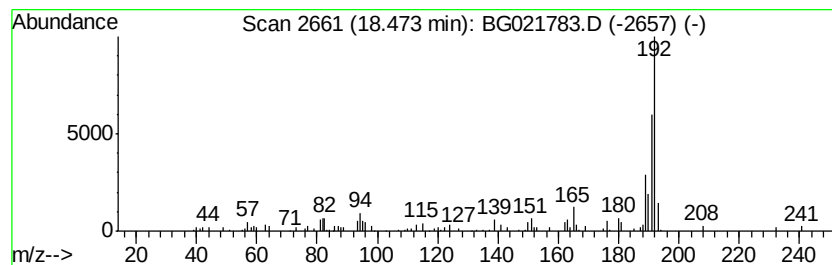
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	2.43 ng	59624	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	76
5		1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021783.D
Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

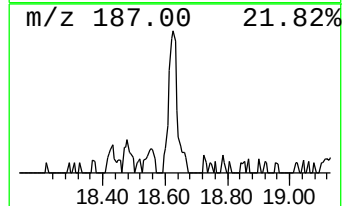
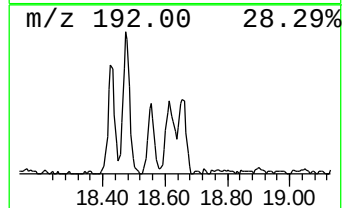
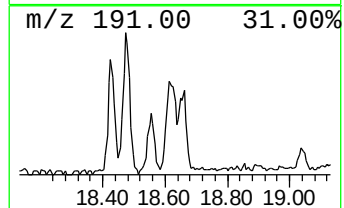
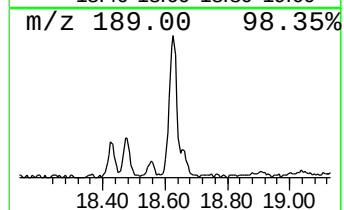
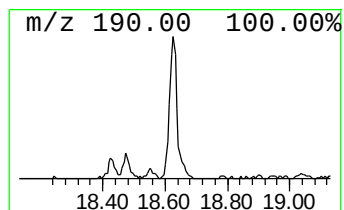
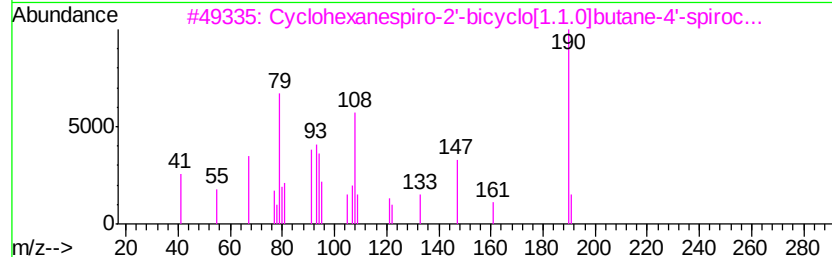
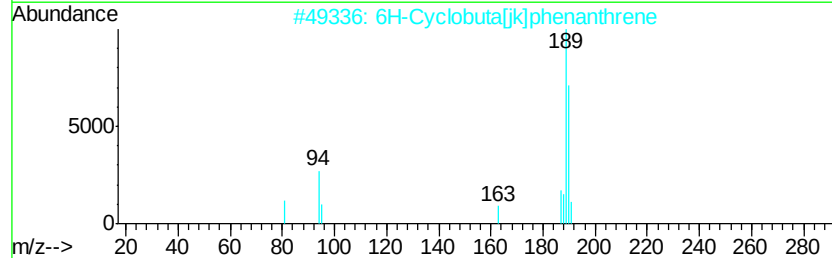
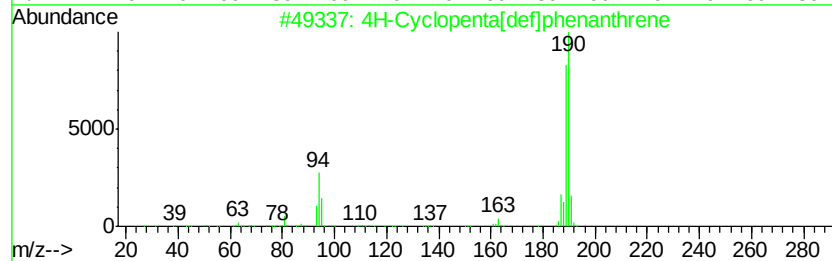
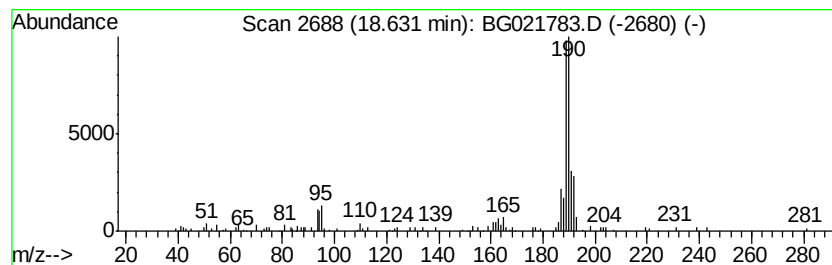
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ClientSampleId :
WPG-B18(0-7)-C

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 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.63	3.94 ng	96607	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	56
3	Cyclohexanespiro-2'-bicyclo[1.1.0]butane-4'-spiroc...	190	C14H22	107924-94-7	27
4	1-Methyl-2-phenylpiperidin-4-one	189	C12H15NO	091640-05-0	25
5	4,4'-Difluorobiphenyl	190	C12H8F2	000398-23-2	17



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021783.D
Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampled :
WPG-B18(0-7)-C

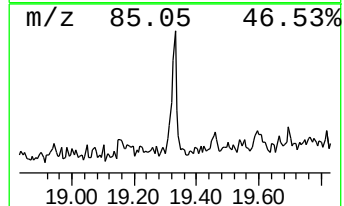
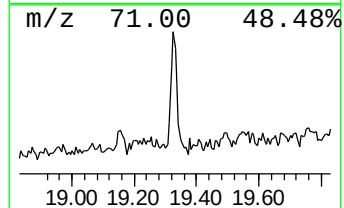
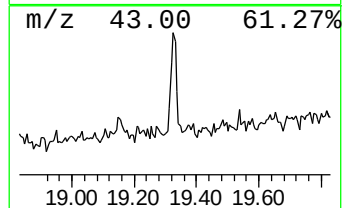
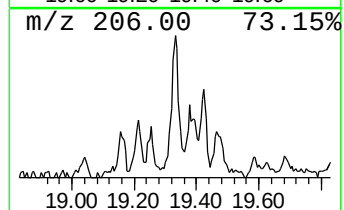
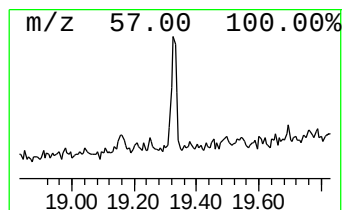
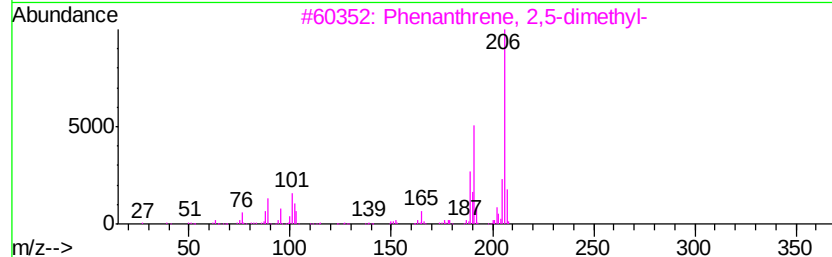
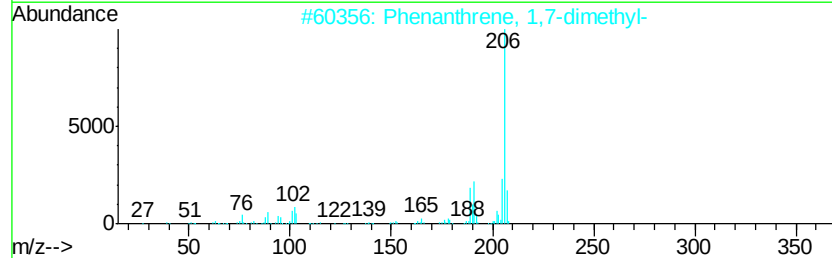
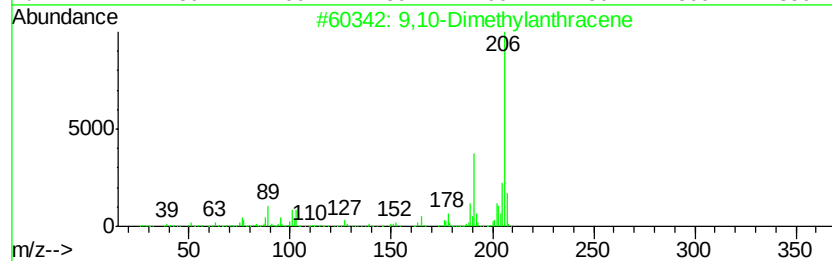
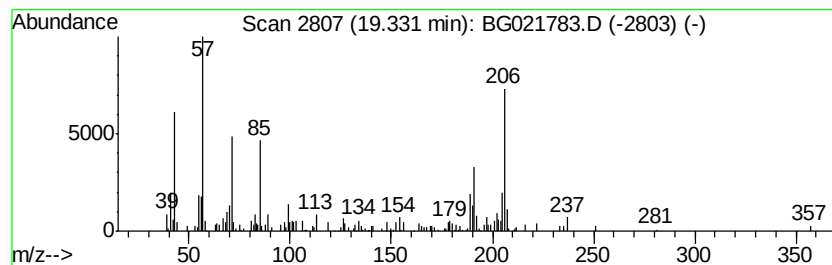
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,10-Dimethylantracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.55 ng	62584	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	89
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
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Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
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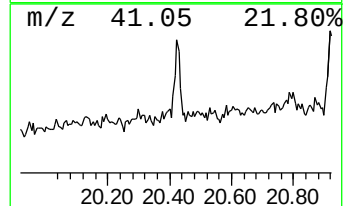
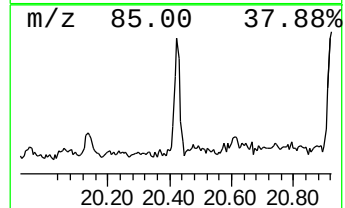
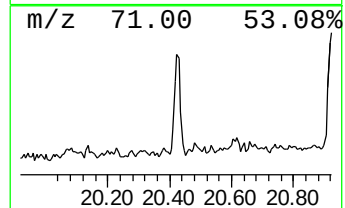
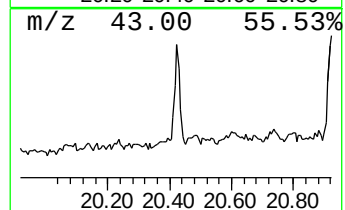
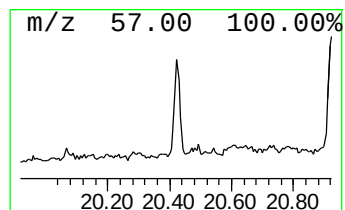
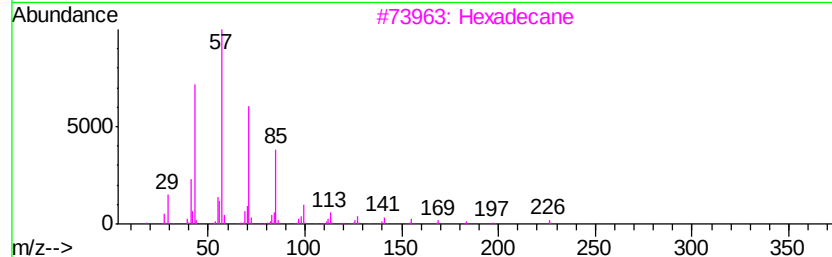
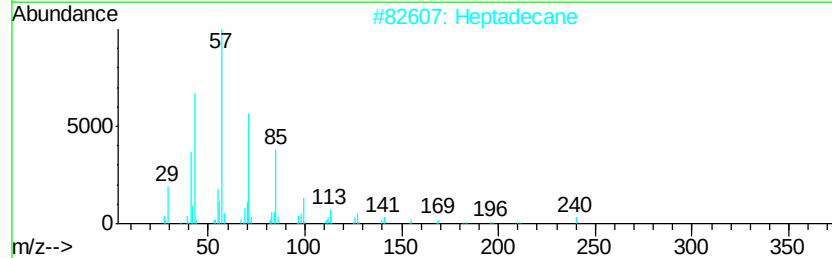
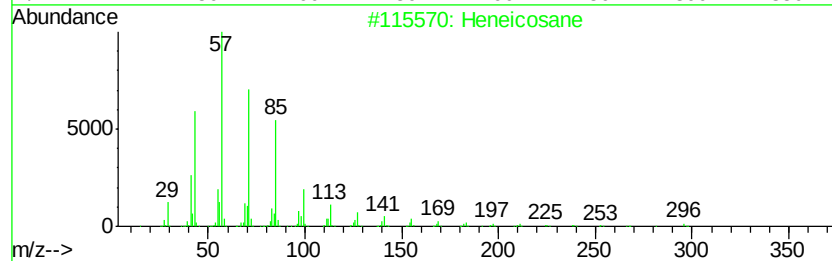
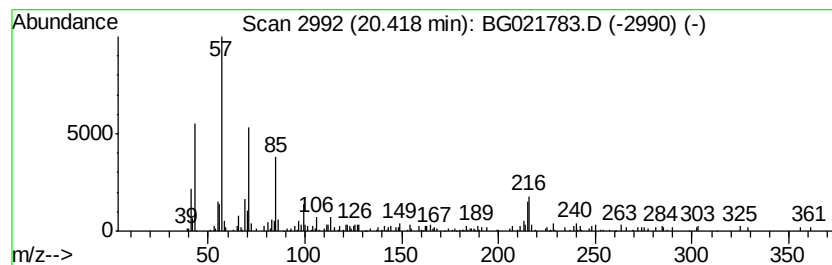
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
20.42	3.82 ng	151097	Chrysene-d12		21.83
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heptadecane	240	C17H36	000629-78-7	92
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetracosane	338	C24H50	000646-31-1	64
5	Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042116\
Data File : BG021783.D
Acq On : 20 Apr 2016 13:45
Operator : UM/SJ
Sample : H2589-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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2-Pentanone, 4-hy...	5.29	16.2	ng	164785	1	8.21	203994	20.0
unknown7.74	7.74	95.0	ng	969296	1	8.21	203994	20.0
Hexadecane	15.64	2.5	ng	53055	3	14.82	433735	20.0
Heptadecane	16.49	2.9	ng	71440	4	17.56	490149	20.0
5H-Indeno[1,2-b]p...	17.96	2.1	ng	50510	4	17.56	490149	20.0
1H-Indene, 2-phenyl-	18.47	2.4	ng	59624	4	17.56	490149	20.0
4H-Cyclopenta[def...	18.63	3.9	ng	96607	4	17.56	490149	20.0
9,10-Dimethylanth...	19.33	2.5	ng	62584	4	17.56	490149	20.0
Heneicosane	20.42	3.8	ng	151097	5	21.83	791093	20.0