

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021685.D
 Acq On : 15 Apr 2016 13:20
 Operator : UM/SJ
 Sample : H2412-07 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-7W(0-2)B

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	3.114	41	47	66	rBV	1448226	2537640	100.00%	15.209%
2	5.305	412	420	429	rVB	39945	70957	2.80%	0.425%
3	5.769	492	499	508	rBV	455129	786513	30.99%	4.714%
4	7.367	763	771	787	rVB	499263	902535	35.57%	5.409%
5	7.749	828	836	845	rBV	490455	870076	34.29%	5.215%
6	8.219	910	916	923	rVB	160851	272040	10.72%	1.630%
7	8.542	962	971	985	rVB	353518	655658	25.84%	3.930%
8	9.389	1107	1115	1126	rBV	305891	575537	22.68%	3.449%
9	11.034	1389	1395	1401	rBV	217435	412010	16.24%	2.469%
10	11.086	1401	1404	1412	rVB2	32382	50729	2.00%	0.304%
11	12.673	1669	1674	1681	rVB	17311	27044	1.07%	0.162%
12	13.454	1799	1807	1815	rVB	785808	1209970	47.68%	7.252%
13	13.636	1831	1838	1842	rBV5	18211	41613	1.64%	0.249%
14	14.265	1938	1945	1952	rBV	83367	157228	6.20%	0.942%
15	14.559	1990	1995	2001	rBV5	16240	37056	1.46%	0.222%
16	14.700	2015	2019	2023	rBV	21276	27781	1.09%	0.167%
17	14.823	2029	2040	2047	rBV2	315424	556180	21.92%	3.333%
18	14.888	2047	2051	2058	rVB2	27137	45799	1.80%	0.274%
19	15.211	2100	2106	2111	rBV4	20762	41208	1.62%	0.247%
20	15.646	2175	2180	2184	rVB	32859	46270	1.82%	0.277%
21	15.863	2212	2217	2223	rBV2	30821	49612	1.96%	0.297%
22	16.304	2286	2292	2299	rVB	514008	792372	31.22%	4.749%
23	16.498	2322	2325	2328	rBV2	36660	56851	2.24%	0.341%
24	16.527	2328	2330	2335	rVB2	48653	55702	2.20%	0.334%
25	17.291	2456	2460	2465	rBV2	42986	65802	2.59%	0.394%
26	17.561	2500	2506	2509	rBV	349301	554215	21.84%	3.322%
27	17.602	2509	2513	2519	rVB	291067	433453	17.08%	2.598%
28	17.691	2524	2528	2533	rVV	60179	78359	3.09%	0.470%
29	17.955	2571	2573	2577	rVB	26983	25590	1.01%	0.153%
30	18.025	2583	2585	2589	rVB2	27907	31627	1.25%	0.190%
31	18.431	2650	2654	2658	rBV	46675	73493	2.90%	0.440%
32	18.478	2658	2662	2668	rVB	73569	111596	4.40%	0.669%
33	18.625	2682	2687	2691	rBV3	77332	141945	5.59%	0.851%
34	19.594	2847	2852	2857	rBV	548770	800300	31.54%	4.797%

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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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.917	2903	2907	2909	rBV2	85238	138244	5.45%	0.829%
36	19.958	2909	2914	2921	rVB	532889	841561	33.16%	5.044%
37	20.146	2940	2946	2950	rBV	1026693	1446029	56.98%	8.667%
38	21.833	3225	3233	3238	rBV2	464546	1218771	48.03%	7.305%
39	21.880	3238	3241	3252	rVB	250466	445430	17.55%	2.670%

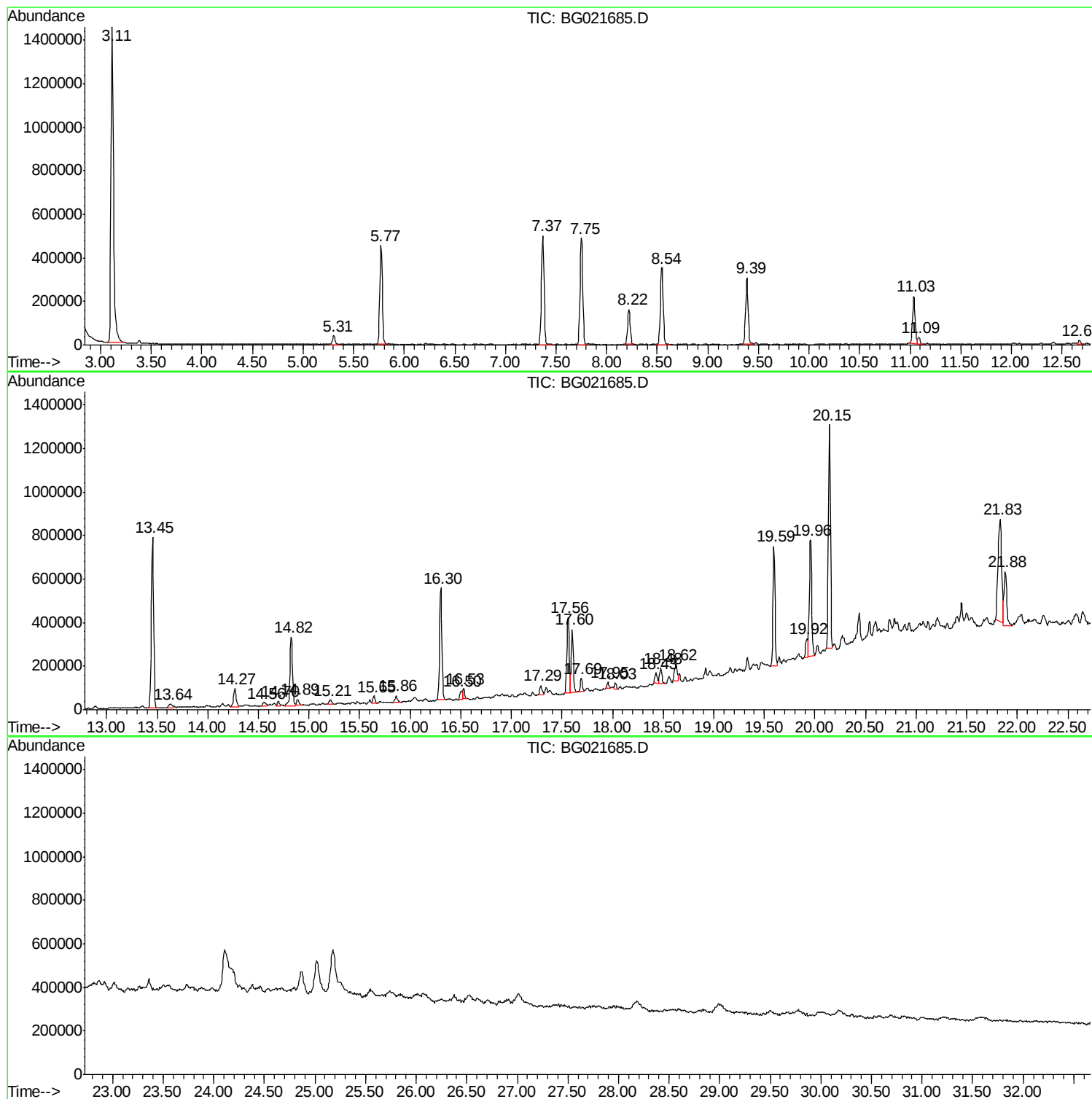
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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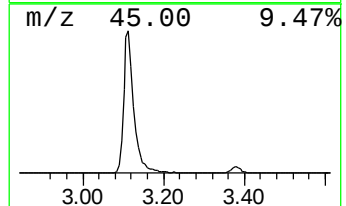
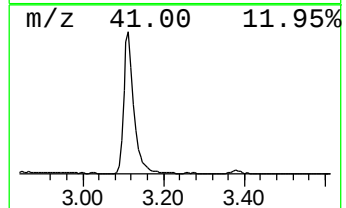
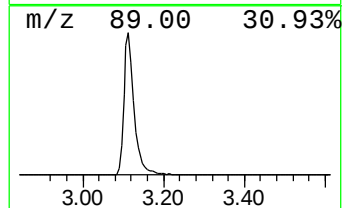
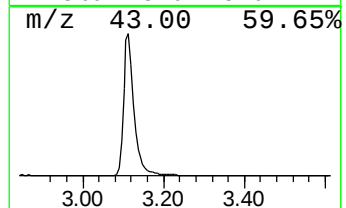
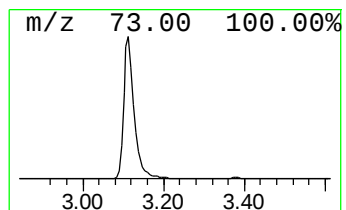
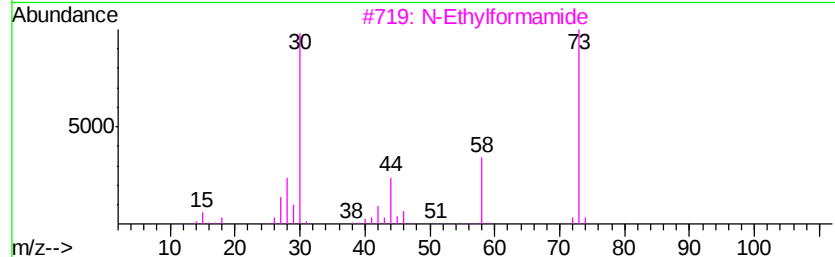
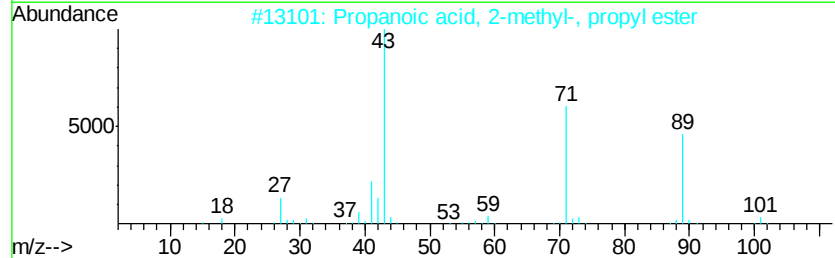
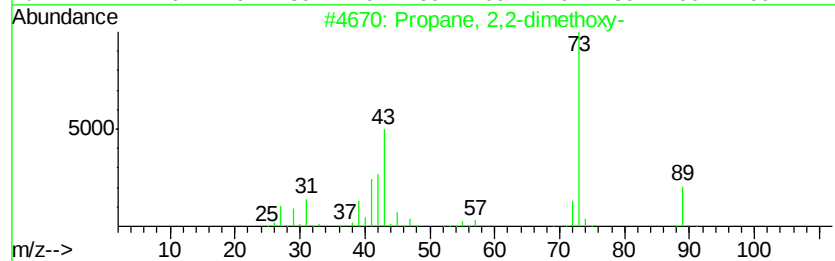
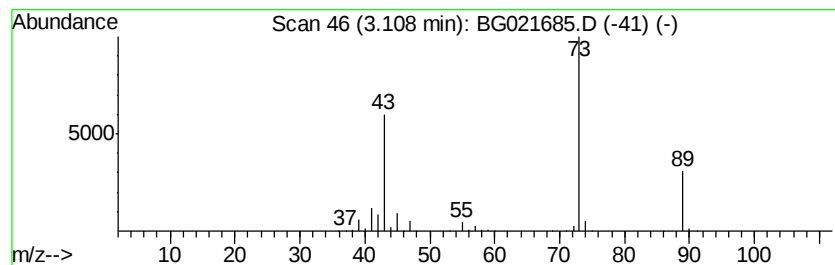
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.11	186.56 ng	2537640	1,4-Dichlorobenzene-d4	8.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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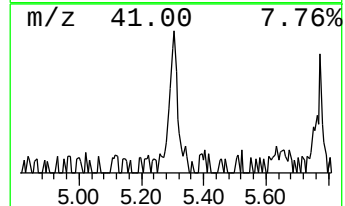
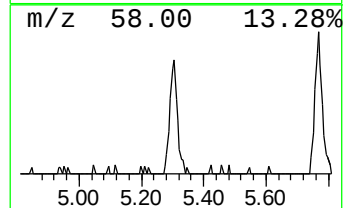
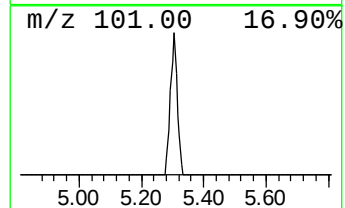
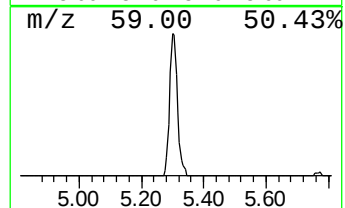
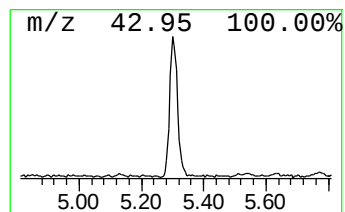
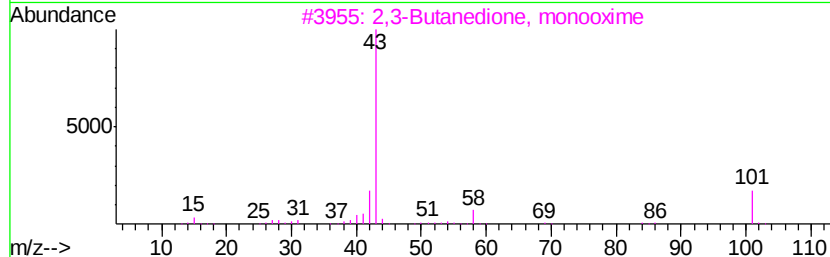
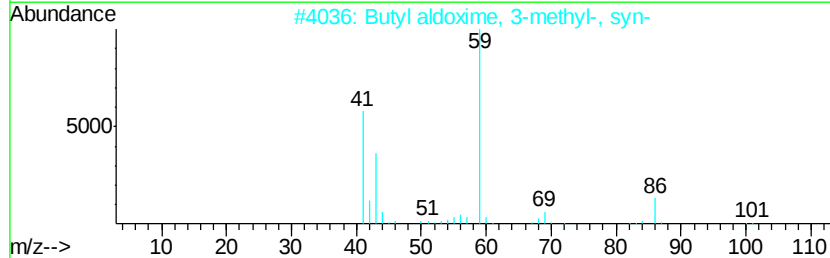
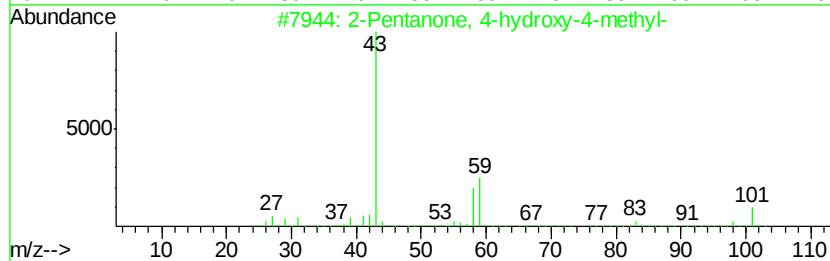
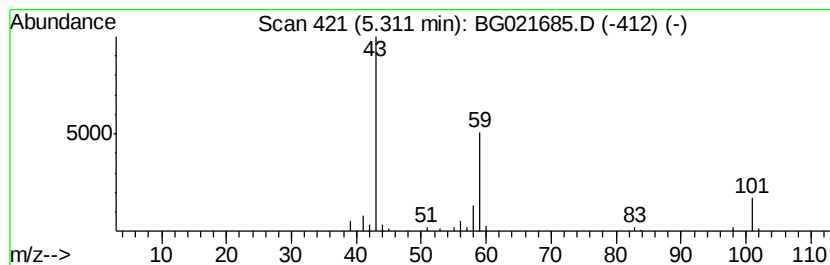
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	5.22 ng	70957	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	56
2		Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	32
4		Acetone	58	C3H6O	000067-64-1	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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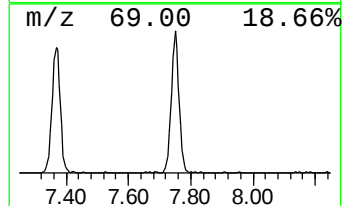
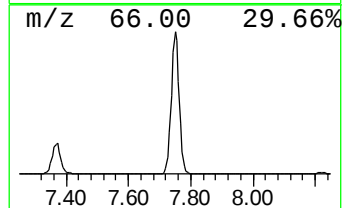
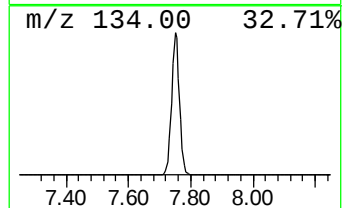
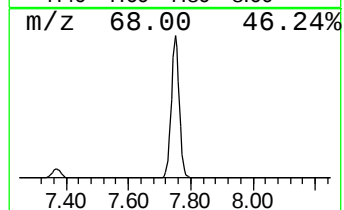
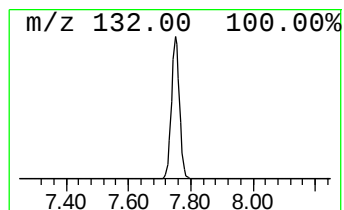
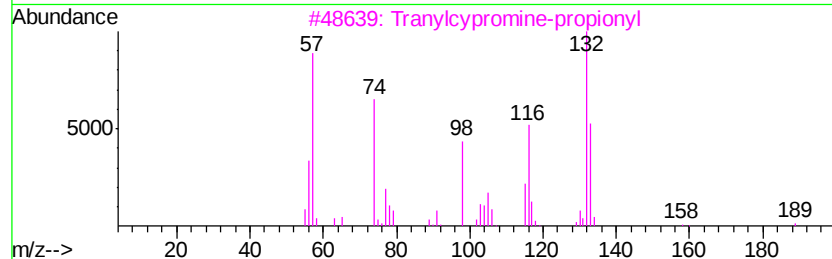
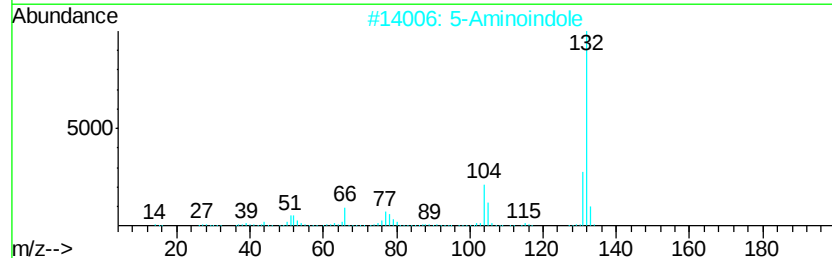
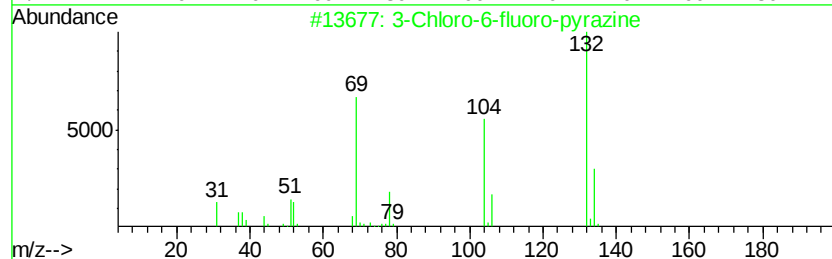
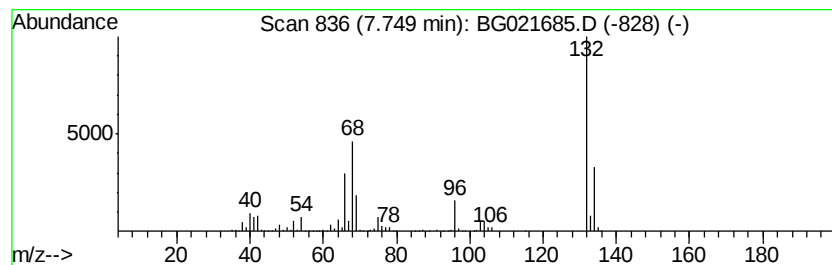
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	63.97 ng	870076	1,4-Dichlorobenzene-d4	8.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4			Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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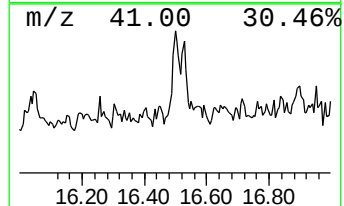
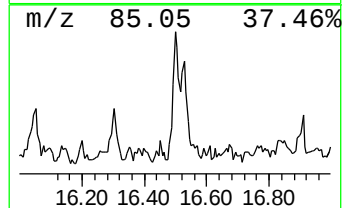
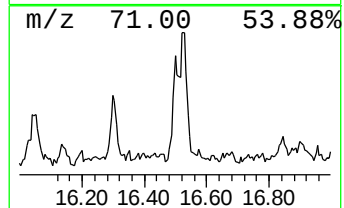
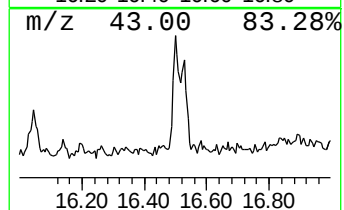
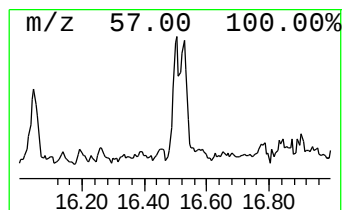
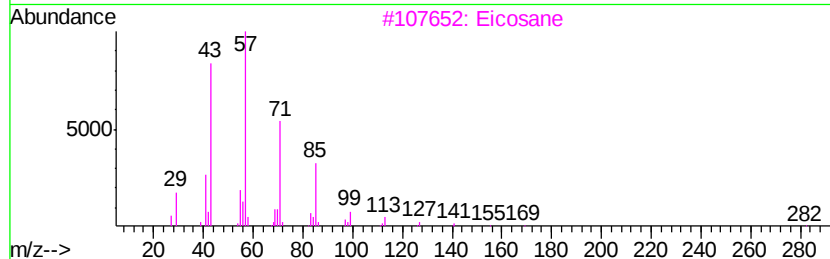
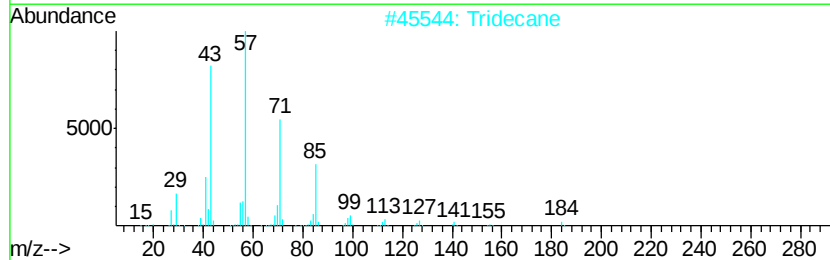
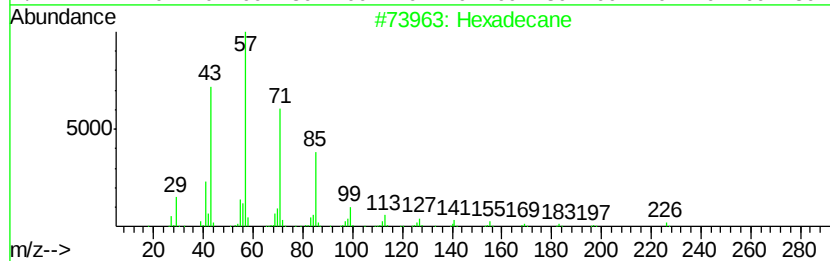
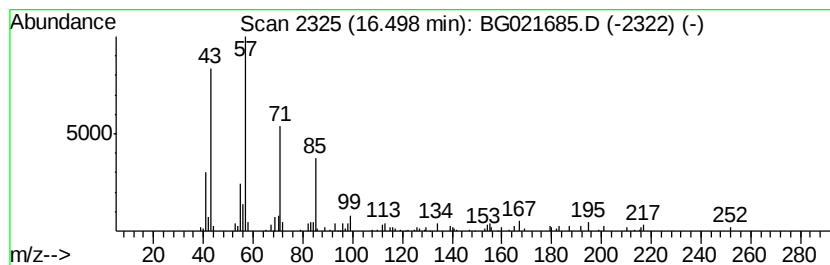
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.50	2.05 ng	56851	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Eicosane	282	C20H42	000112-95-8	64
4	triacontane	422	C30H62	000638-68-6	59
5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	59



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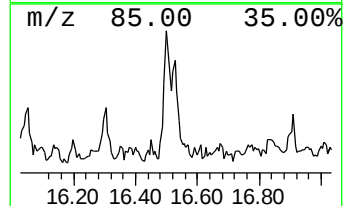
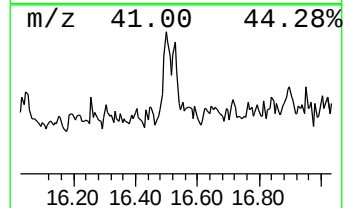
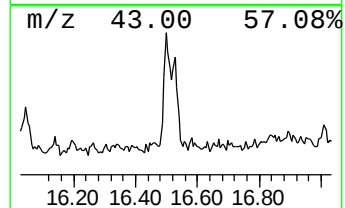
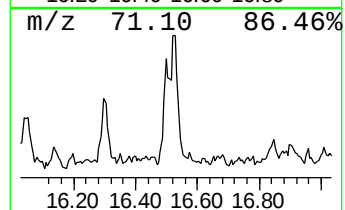
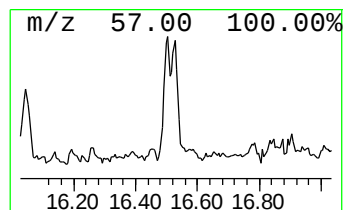
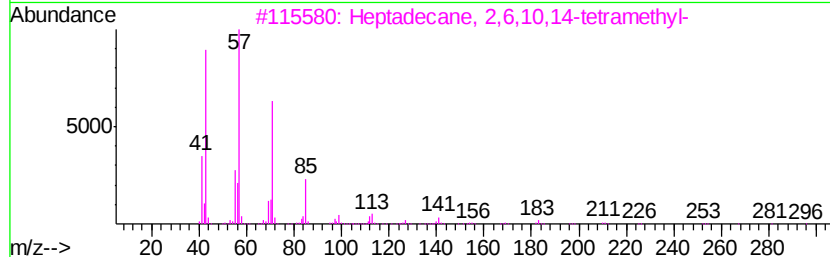
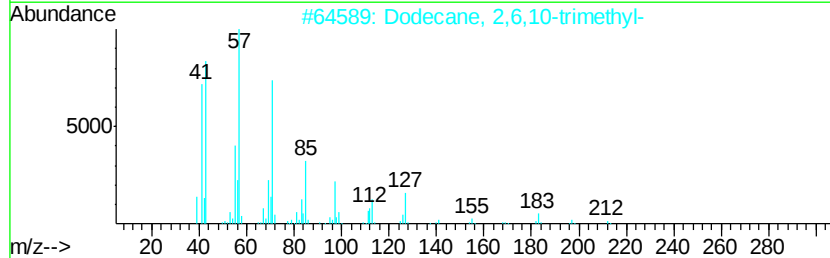
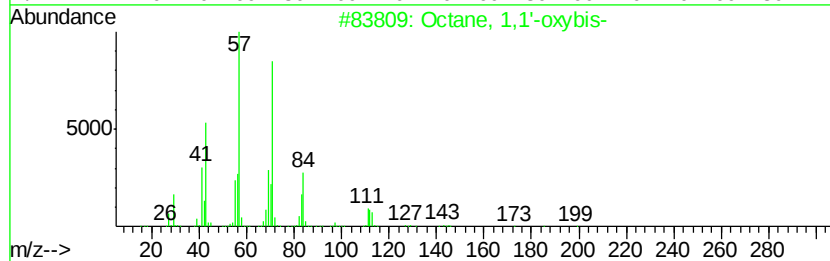
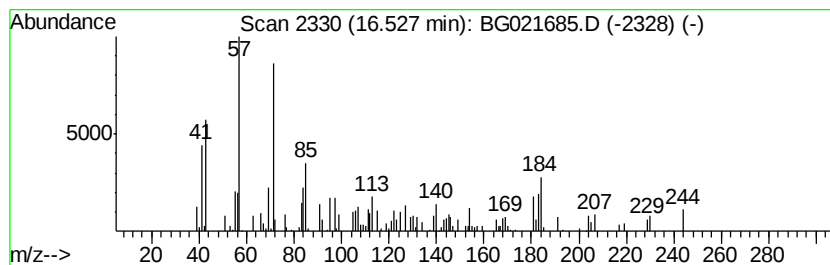
Instrument :
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ClientSampleId :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown16.53 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.53	2.01 ng	55702	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	43
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	43
4	Decane, 2-methyl-	156	C11H24	006975-98-0	43
5	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021685.D
Acq On : 15 Apr 2016 13:20
Operator : UM/SJ
Sample : H2412-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

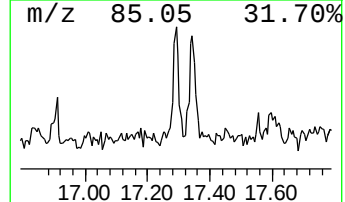
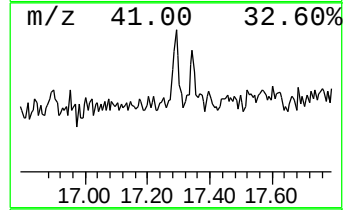
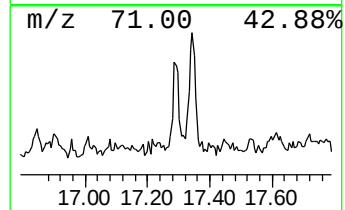
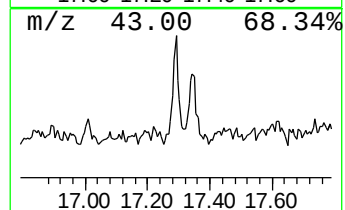
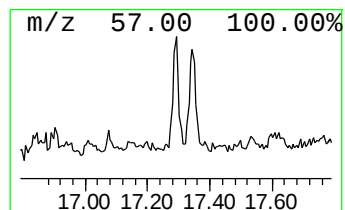
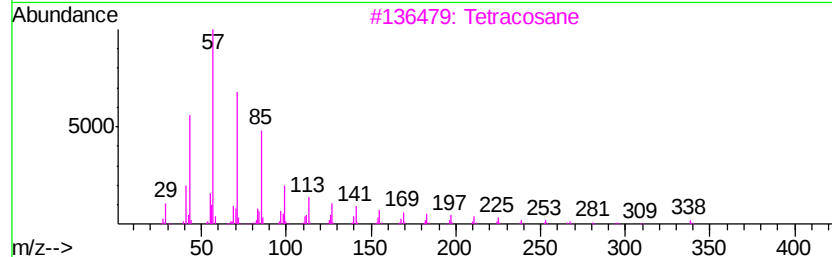
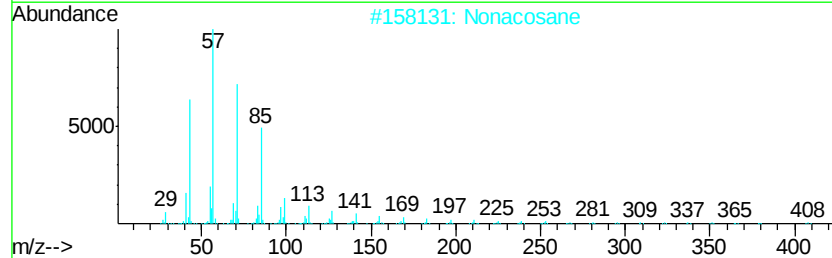
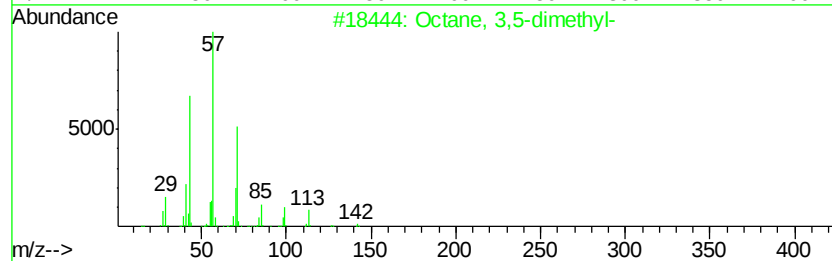
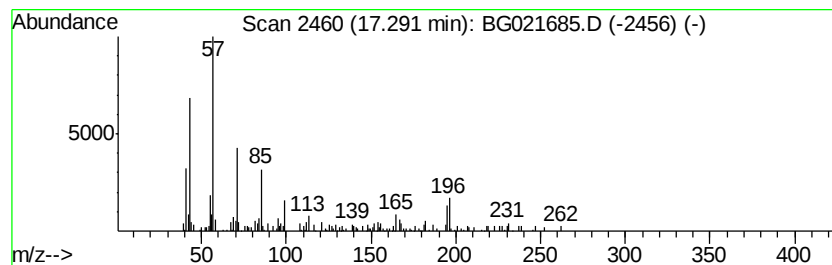
Instrument :
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ClientSampleId :
SP-7W(0-2)B

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 Octane, 3,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.29	2.37 ng	65802	Phenanthrene-d10		17.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
2	Nonacosane	408	C29H60	000630-03-5	50
3	Tetracosane	338	C24H50	000646-31-1	50
4	Eicosane	282	C20H42	000112-95-8	49
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021685.D
Acq On : 15 Apr 2016 13:20
Operator : UM/SJ
Sample : H2412-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SP-7W(0-2)B

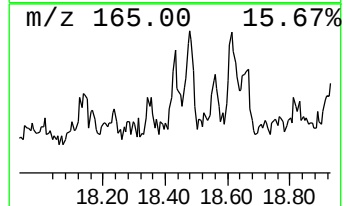
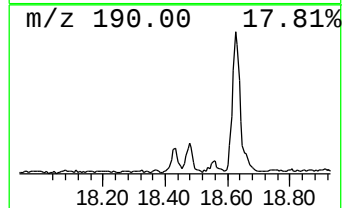
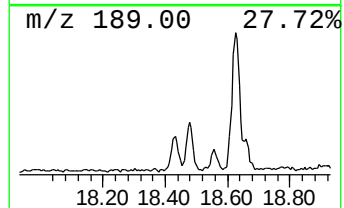
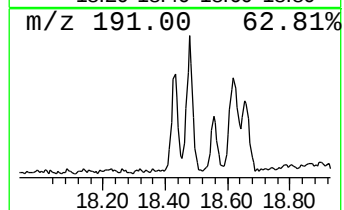
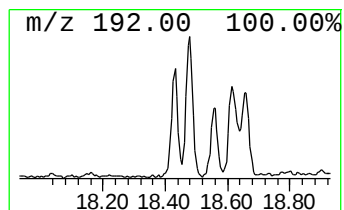
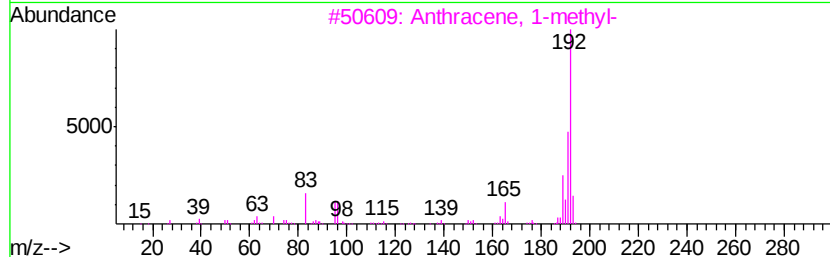
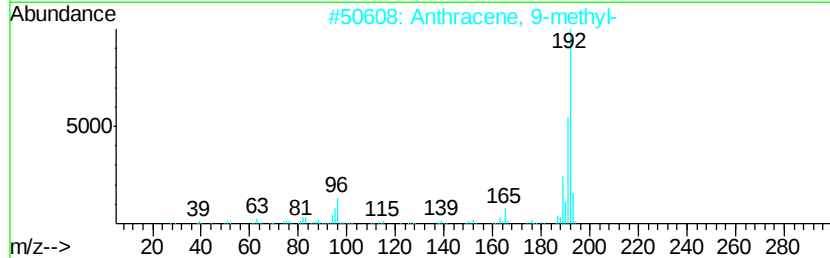
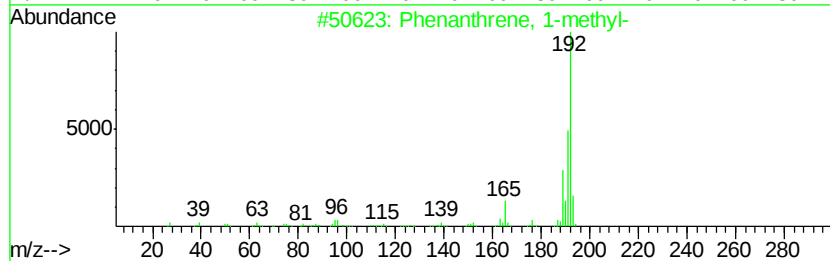
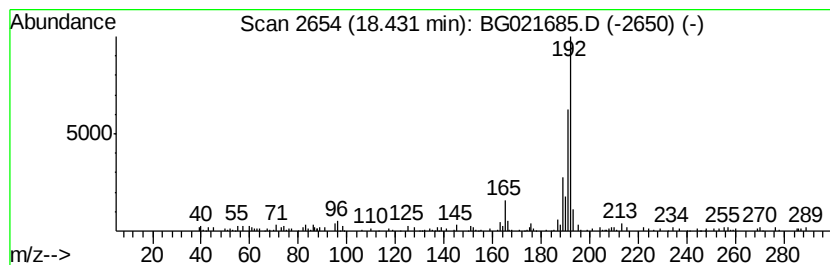
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.65 ng	73493	Phenanthrene-d10	17.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
4		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	76
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021685.D
Acq On : 15 Apr 2016 13:20
Operator : UM/SJ
Sample : H2412-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)B

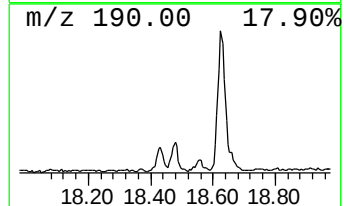
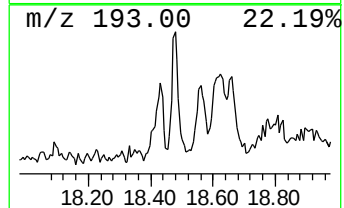
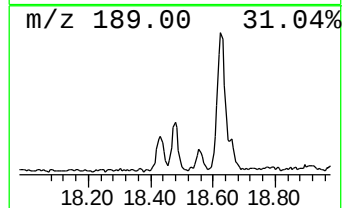
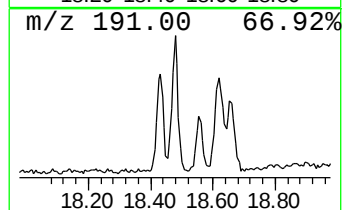
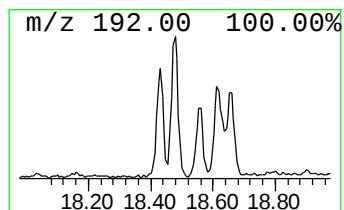
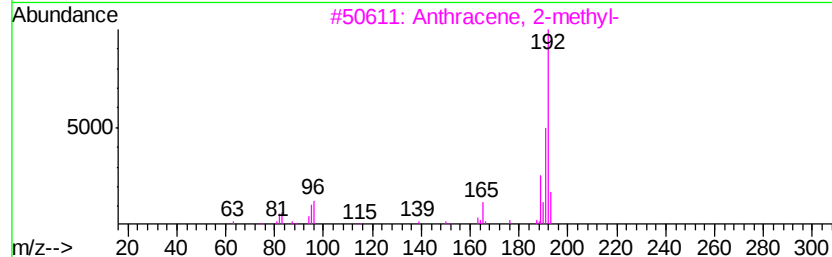
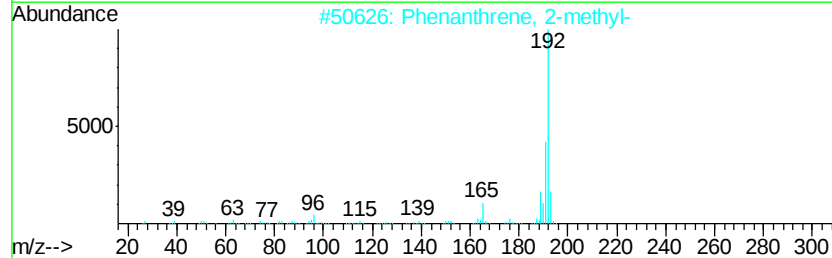
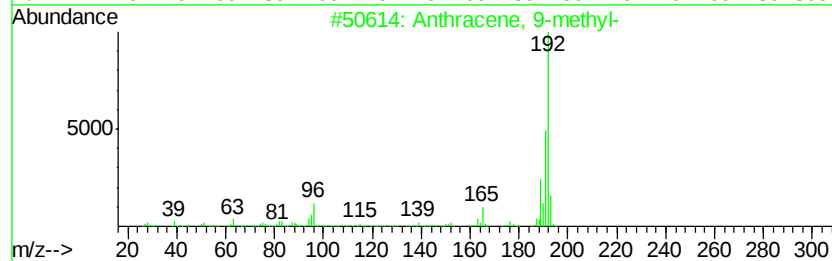
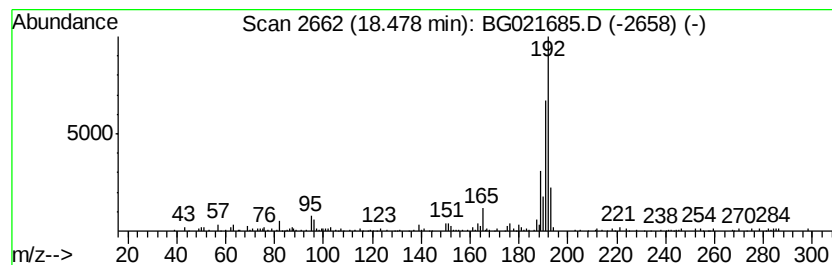
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	4.03 ng	111596	Phenanthrene-d10	17.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021685.D
Acq On : 15 Apr 2016 13:20
Operator : UM/SJ
Sample : H2412-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

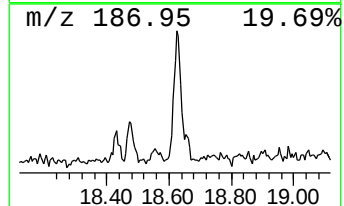
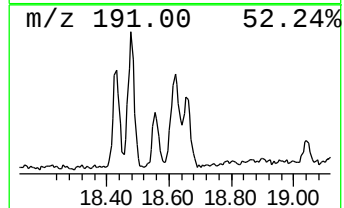
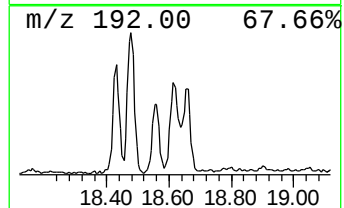
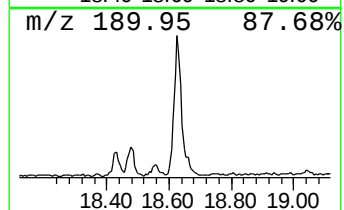
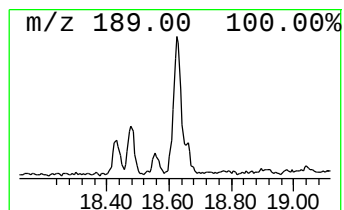
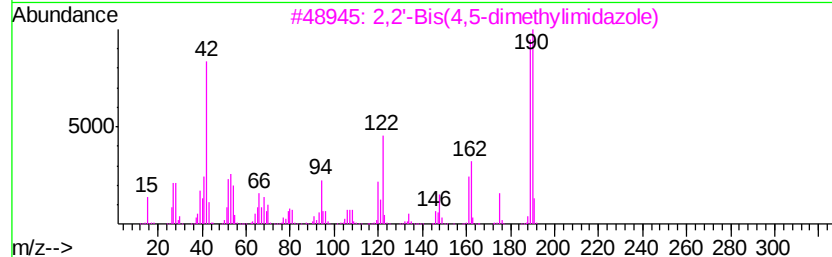
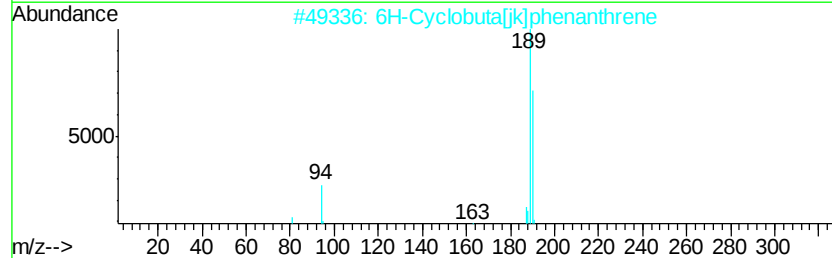
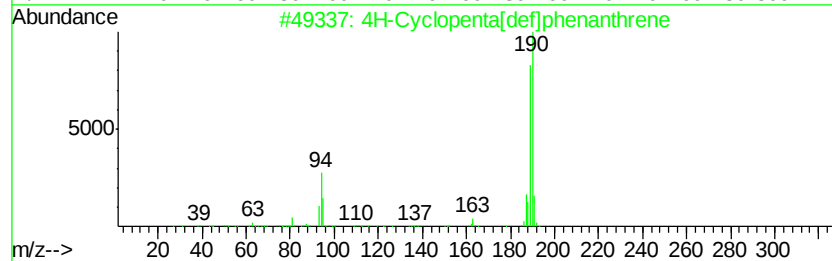
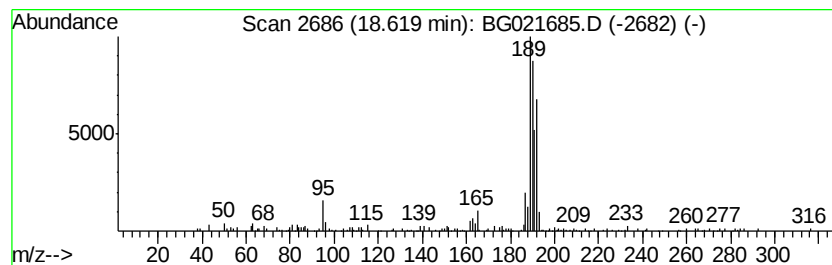
Instrument :
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ClientSampleId :
SP-7W(0-2)B

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 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	5.12 ng	141945	Phenanthrene-d10	17.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38
5	2,2'-Difluorobiphenyl	190	C12H8F2	000388-82-9	27



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021685.D
Acq On : 15 Apr 2016 13:20
Operator : UM/SJ
Sample : H2412-07 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-7W(0-2)B

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...	5.31	5.2	ng	70957	1	8.22	272040	20.0
unknown7.75	7.75	64.0	ng	870076	1	8.22	272040	20.0
Hexadecane	16.50	2.0	ng	56851	4	17.56	554215	20.0
unknown16.53	16.53	2.0	ng	55702	4	17.56	554215	20.0
Octane, 3,5-dimet...	17.29	2.4	ng	65802	4	17.56	554215	20.0
Phenanthrene, 1-m...	18.43	2.6	ng	73493	4	17.56	554215	20.0
Anthracene, 9-met...	18.48	4.0	ng	111596	4	17.56	554215	20.0
4H-Cyclopenta[def...	18.62	5.1	ng	141945	4	17.56	554215	20.0