

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
 Data File : BG024061.D
 Acq On : 21 Sep 2016 18:58
 Operator : UM/SJ
 Sample : H4820-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YORK-TP1-03

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-BG083116.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.926	10	15	32	rVB	3888857	6207273	100.00%	17.896%
2	5.123	383	389	396	rBV	227097	371102	5.98%	1.070%
3	5.605	465	471	488	rVB	1222617	2065482	33.28%	5.955%
4	7.226	741	747	761	rBV	1265379	2331681	37.56%	6.722%
5	7.585	801	808	816	rBV	1290454	2282303	36.77%	6.580%
6	8.055	882	888	896	rBV	332957	587225	9.46%	1.693%
7	8.378	935	943	952	rBV	956967	1667511	26.86%	4.807%
8	9.235	1081	1089	1098	rBV	839082	1564134	25.20%	4.509%
9	10.886	1363	1370	1376	rBV	446875	824372	13.28%	2.377%
10	12.549	1647	1653	1661	rVB4	44082	80151	1.29%	0.231%
11	12.766	1685	1690	1696	rVB	39078	66907	1.08%	0.193%
12	13.336	1778	1787	1799	rBV	2048053	3171054	51.09%	9.142%
13	14.041	1901	1907	1912	rBV4	34425	66859	1.08%	0.193%
14	14.170	1923	1929	1936	rBV	455179	660606	10.64%	1.905%
15	14.728	2015	2024	2031	rBV	676615	1076470	17.34%	3.103%
16	15.133	2086	2093	2098	rBV8	30189	66585	1.07%	0.192%
17	16.226	2273	2279	2291	rBV	1453048	2376350	38.28%	6.851%
18	16.432	2306	2314	2321	rBV6	59916	141175	2.27%	0.407%
19	17.489	2489	2494	2499	rBV	726347	1123817	18.10%	3.240%
20	17.536	2499	2502	2507	rVB	177487	245996	3.96%	0.709%
21	18.194	2609	2614	2619	rBV	89951	140873	2.27%	0.406%
22	18.364	2639	2643	2649	rBV3	278471	438192	7.06%	1.263%
23	18.423	2650	2653	2658	rVB2	82480	125105	2.02%	0.361%
24	18.558	2672	2676	2681	rBV5	56089	117894	1.90%	0.340%
25	19.275	2795	2798	2803	rBV5	77849	124298	2.00%	0.358%
26	19.545	2840	2844	2849	rVB	324965	476206	7.67%	1.373%
27	19.633	2856	2859	2863	rBV4	151237	215527	3.47%	0.621%
28	19.915	2903	2907	2912	rVB	363558	530510	8.55%	1.529%
29	20.103	2933	2939	2944	rBV	2866892	3686087	59.38%	10.627%
30	20.379	2982	2986	2993	rBV4	147195	266908	4.30%	0.769%
31	21.801	3221	3228	3233	rBV2	773952	1587471	25.57%	4.577%

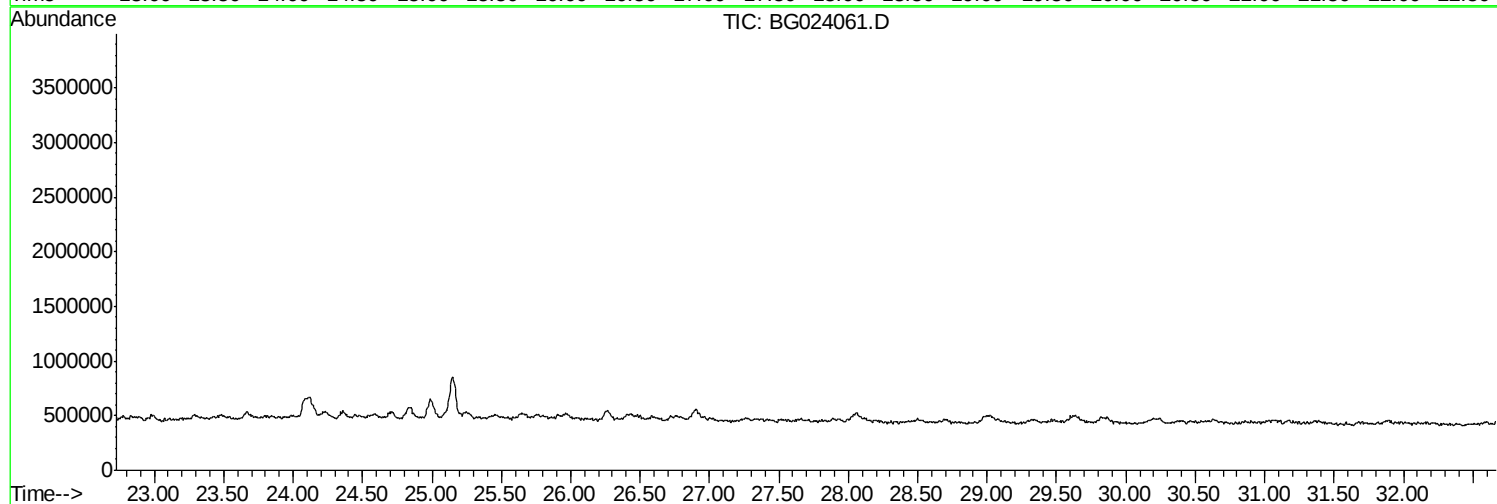
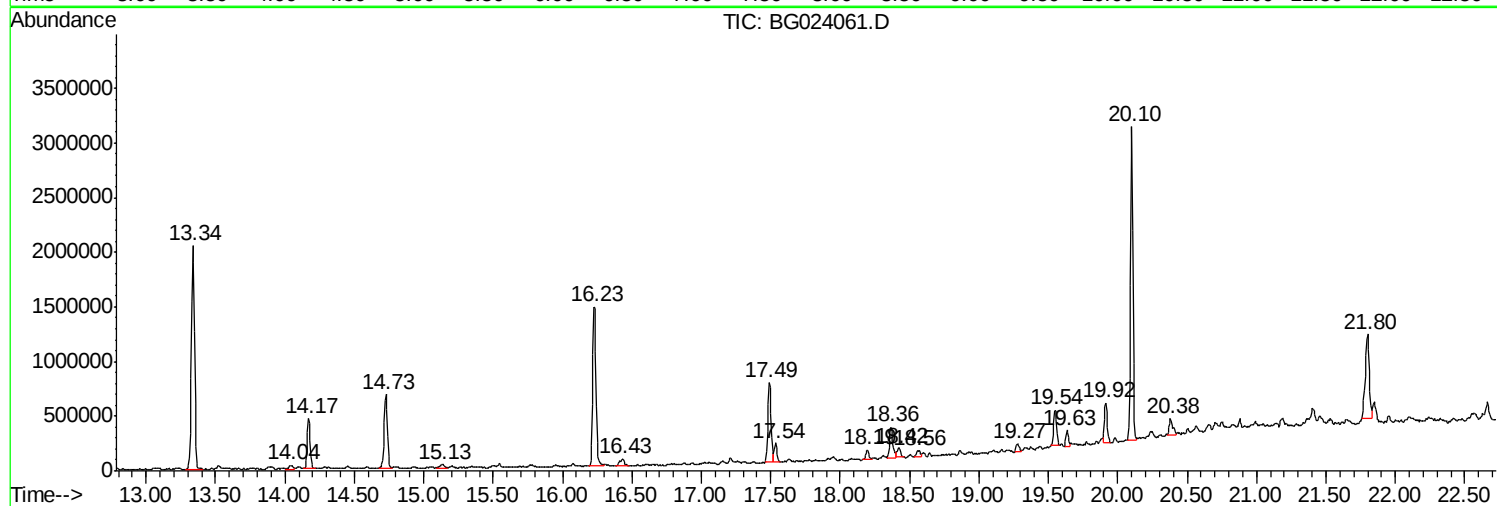
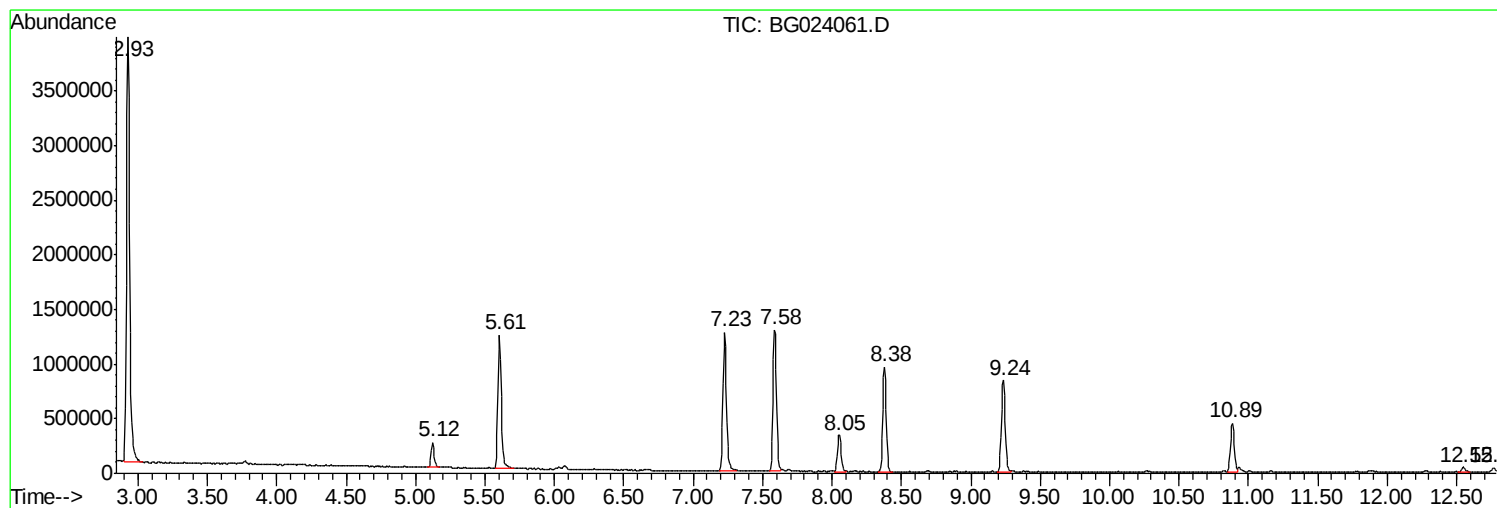
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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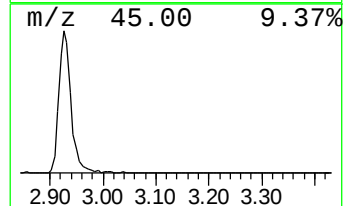
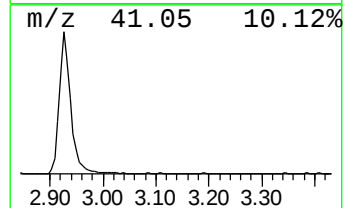
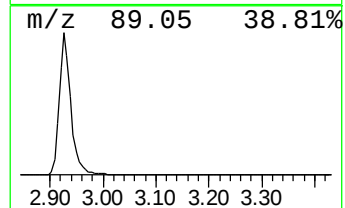
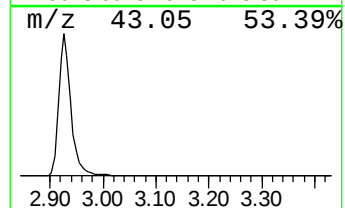
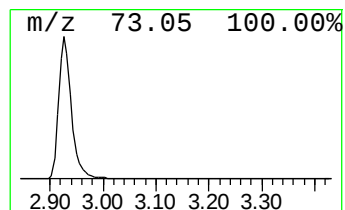
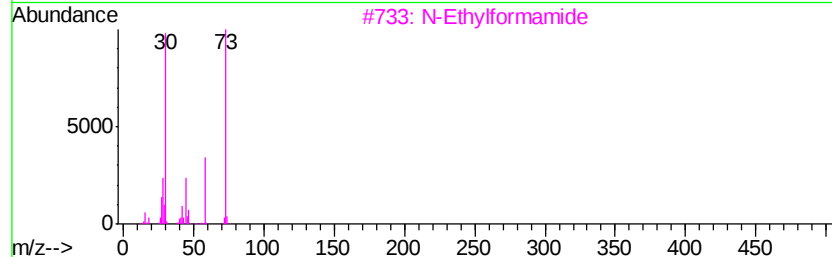
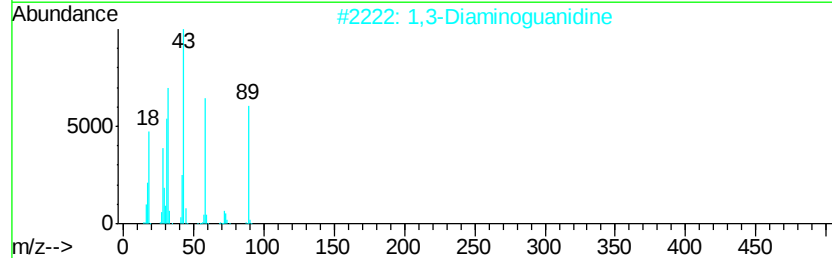
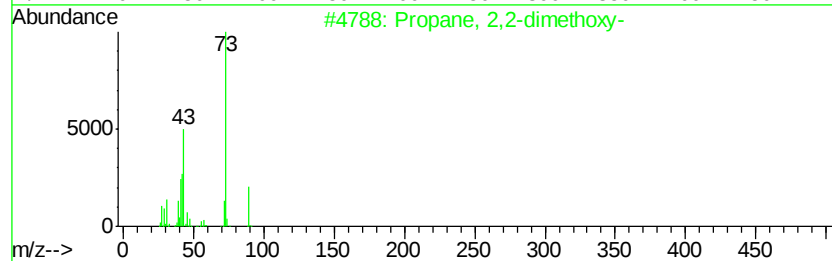
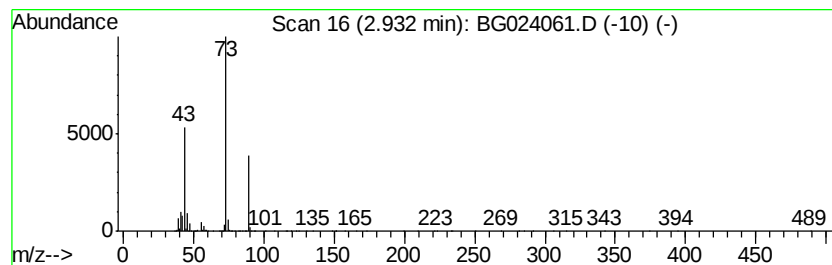
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown2.93 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	211.41 ng	6207270	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	42
2		1,3-Diaminoguanidine	89	CH7N5	004364-78-7	25
3		N-Ethylformamide	73	C3H7NO	000627-45-2	9
4		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5		1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9



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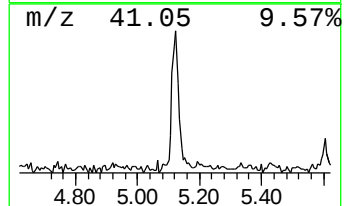
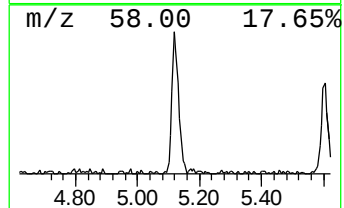
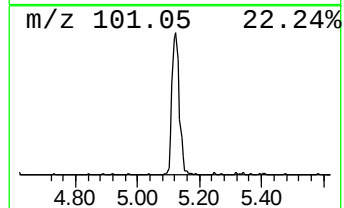
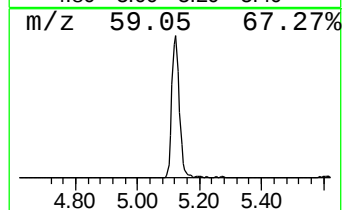
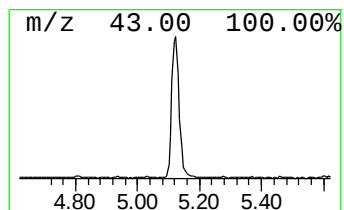
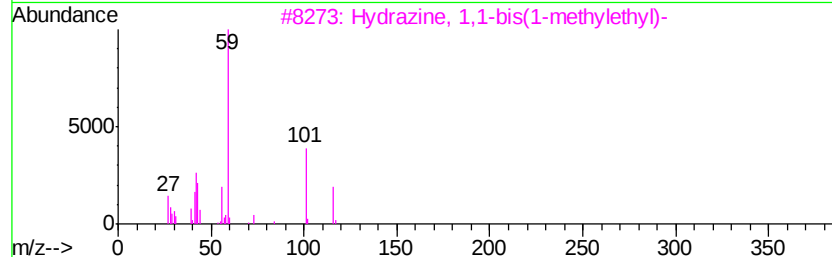
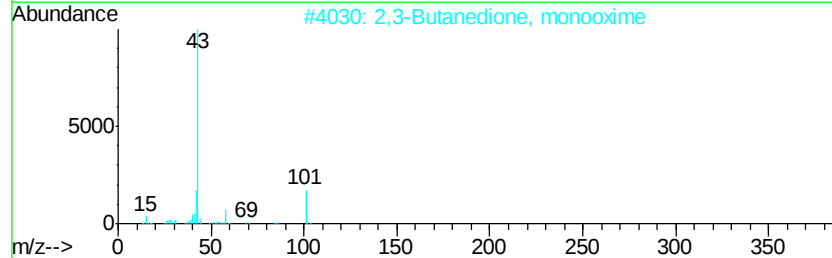
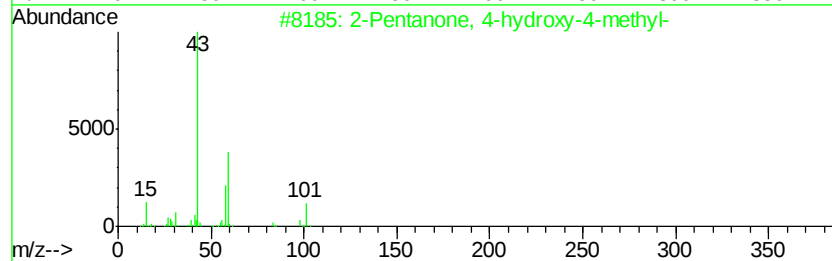
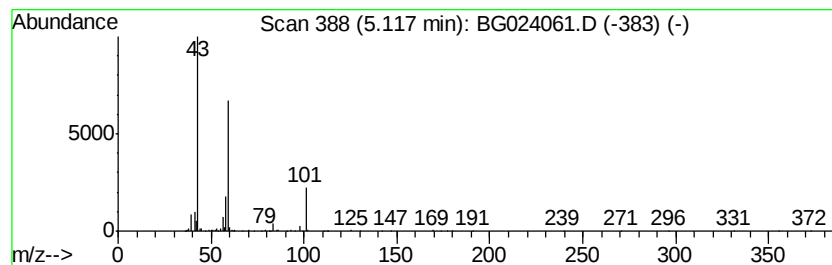
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	12.64 ng	371102	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3		Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	25
4		3-Hexanol	102	C6H14O	000623-37-0	23
5		1,2-Butanediol	90	C4H10O2	000584-03-2	17



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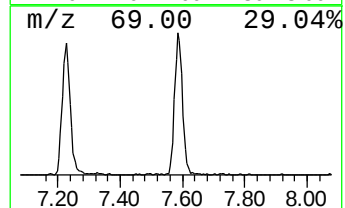
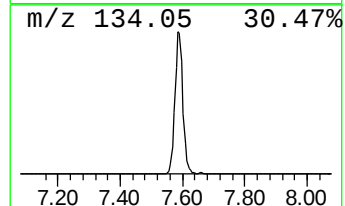
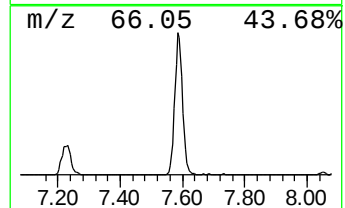
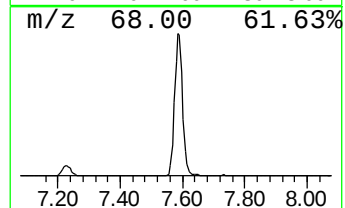
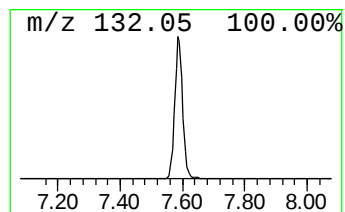
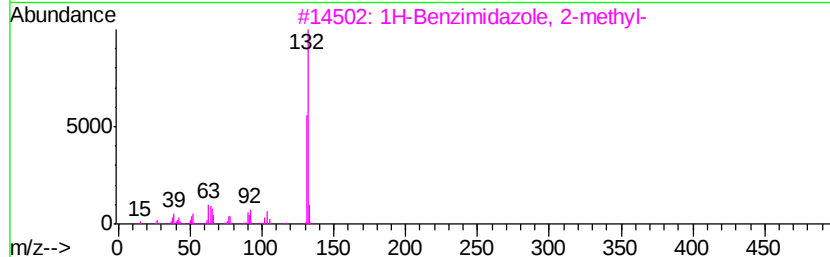
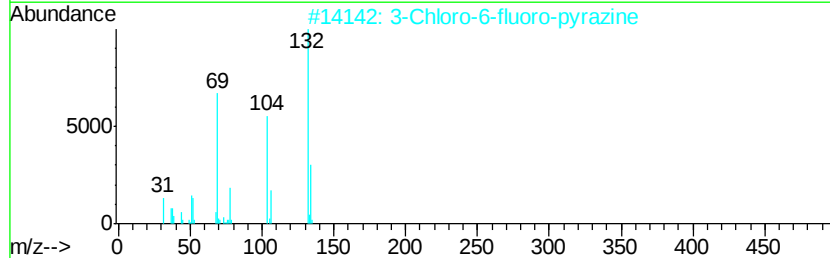
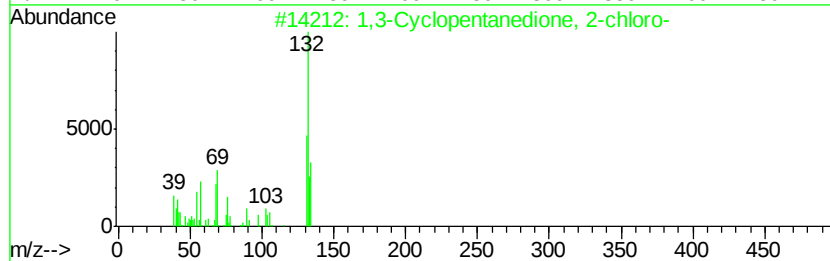
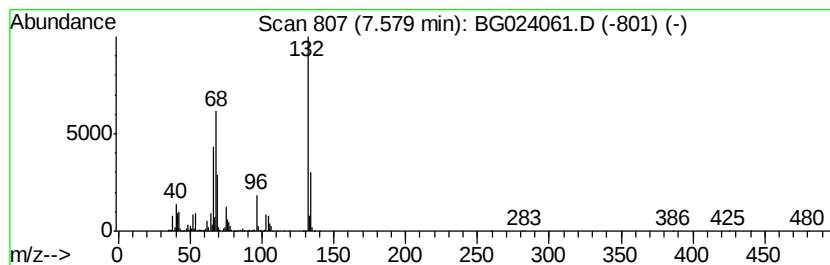
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Peak Number 3 unknown7.58 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	77.73 ng	2282300	1,4-Dichlorobenzene-d4	8.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10



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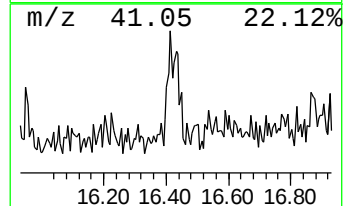
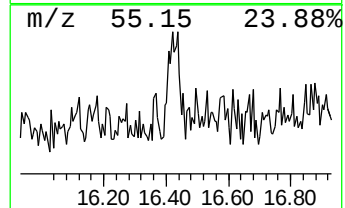
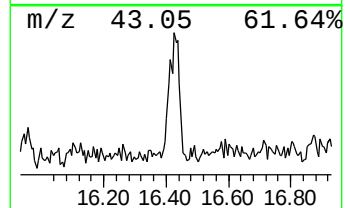
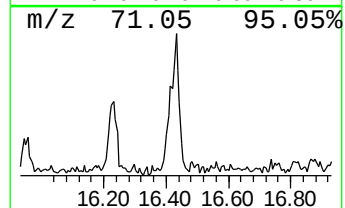
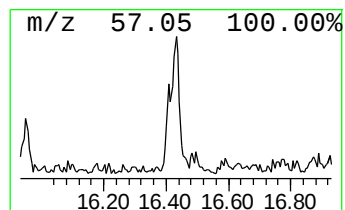
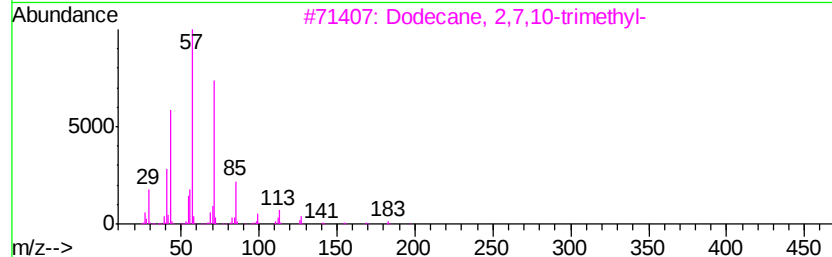
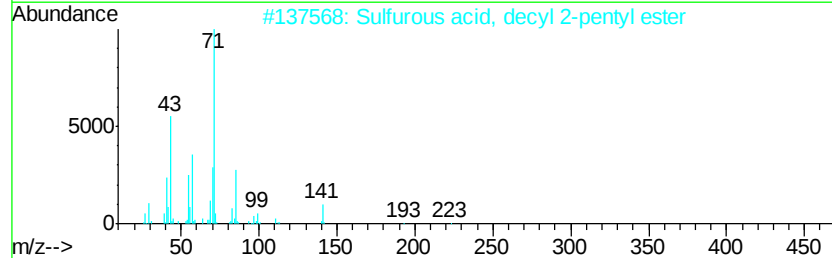
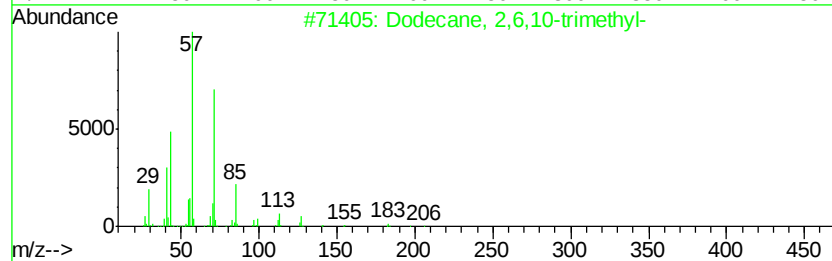
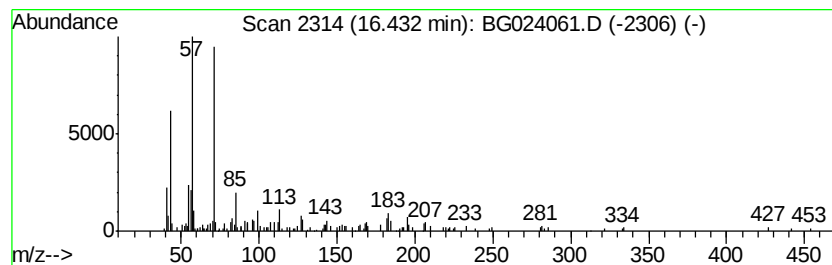
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Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	2.51 ng	141175	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
2		Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	53
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	53
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	53



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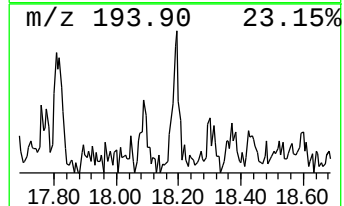
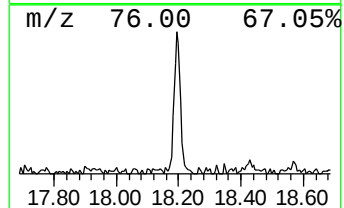
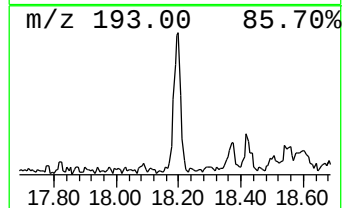
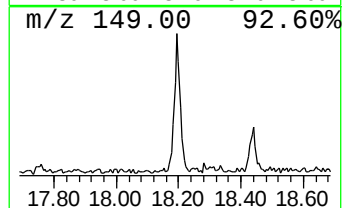
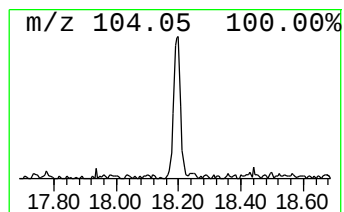
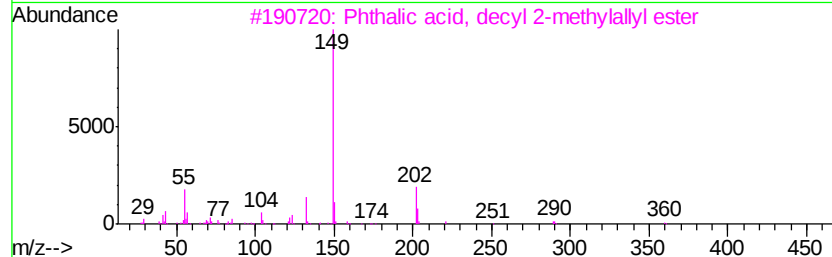
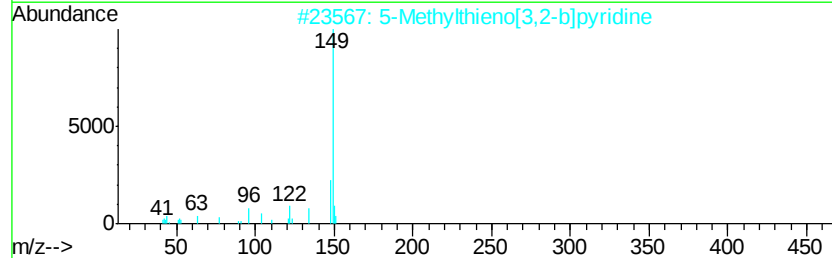
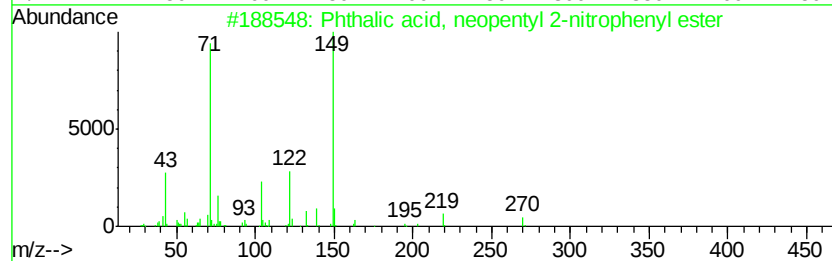
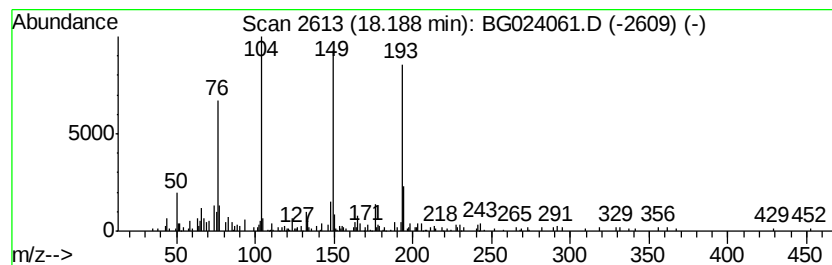
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 6 unknown18.19 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.51 ng	140873	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, neopentyl 2-nitro...	357	C19H19NO6	1000315-68-4	22
2		5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	22
3		Phthalic acid, decyl 2-methylal...	360	C22H32O4	1000315-83-0	14
4		Phthalic acid, 2-nitrophenyl 2-p...	357	C19H19NO6	1000315-68-5	14
5		Phthalic acid, butyl 3-phenoxybe...	404	C25H24O5	1000357-03-5	14



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YORK-TP1-03

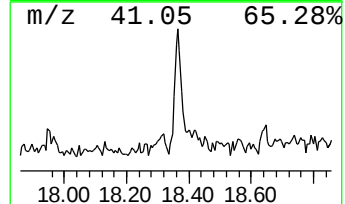
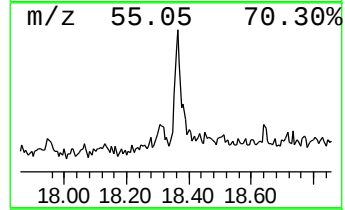
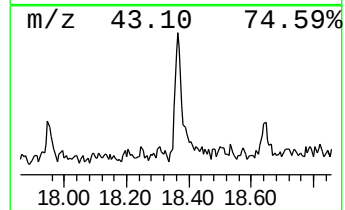
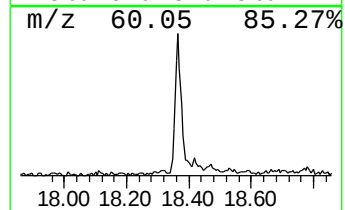
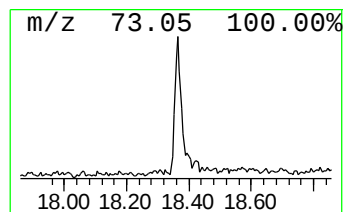
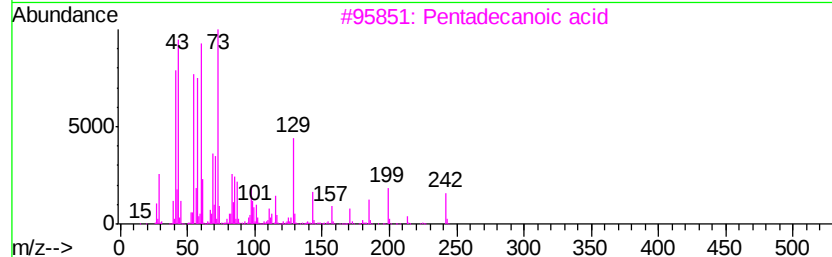
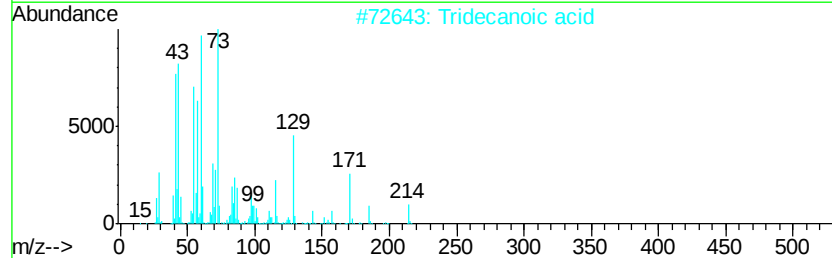
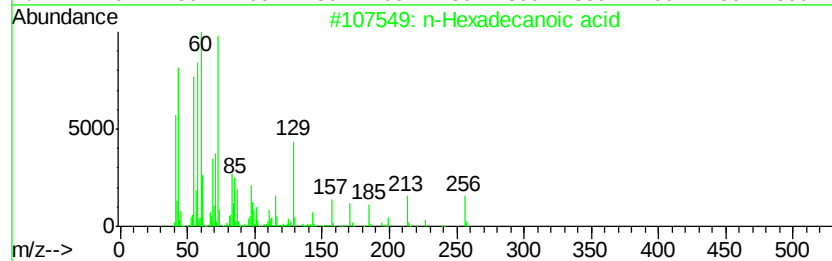
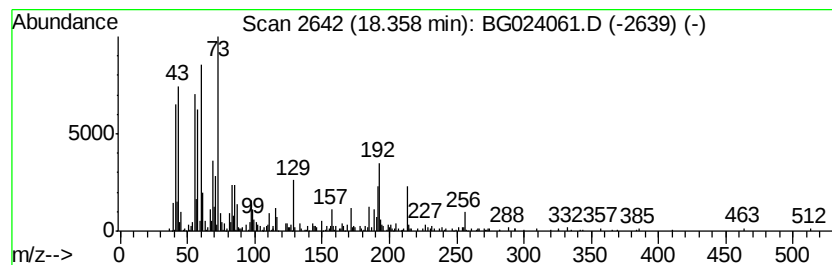
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	7.80 ng	438192	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	55
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024061.D
Acq On : 21 Sep 2016 18:58
Operator : UM/SJ
Sample : H4820-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YORK-TP1-03

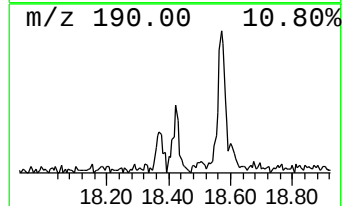
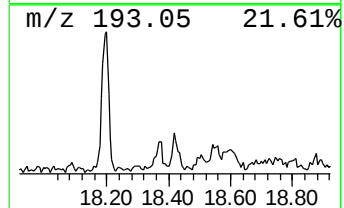
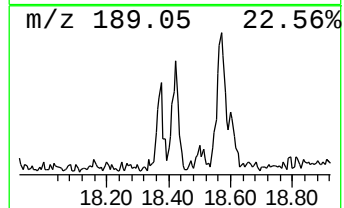
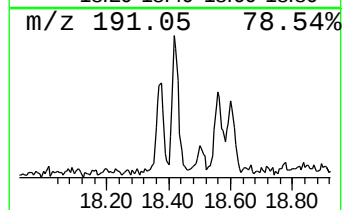
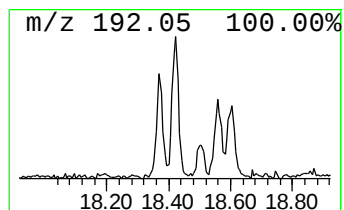
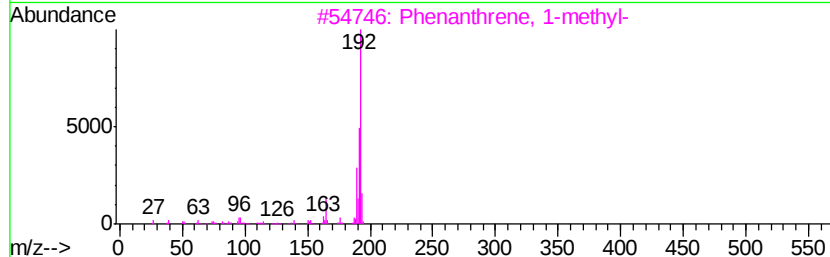
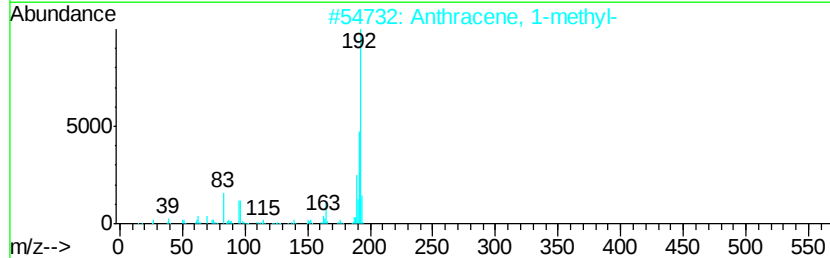
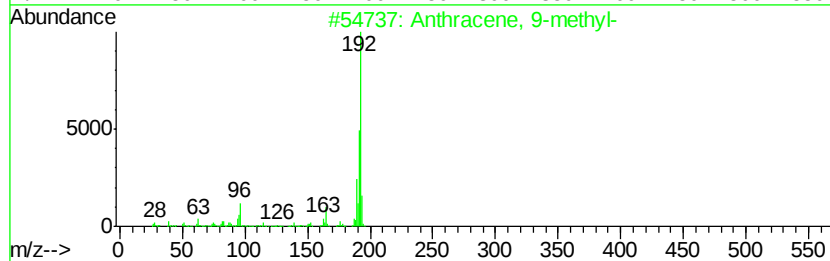
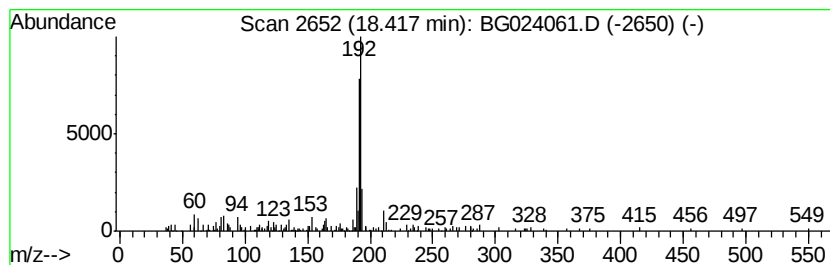
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.23 ng	125105	Phenanthrene-d10	17.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	59
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58
5		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024061.D
Acq On : 21 Sep 2016 18:58
Operator : UM/SJ
Sample : H4820-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YORK-TP1-03

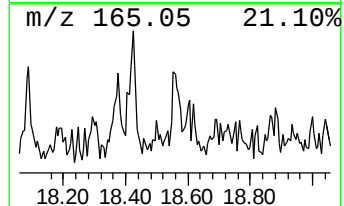
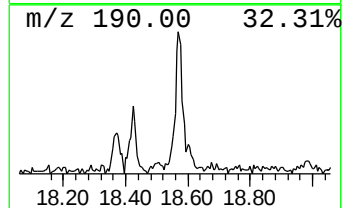
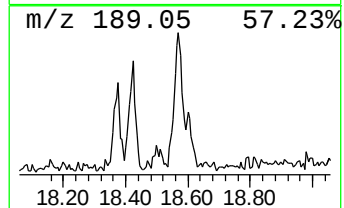
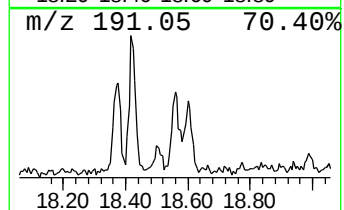
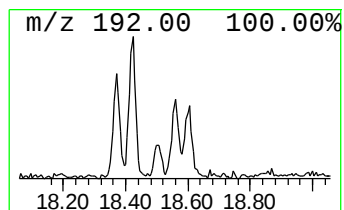
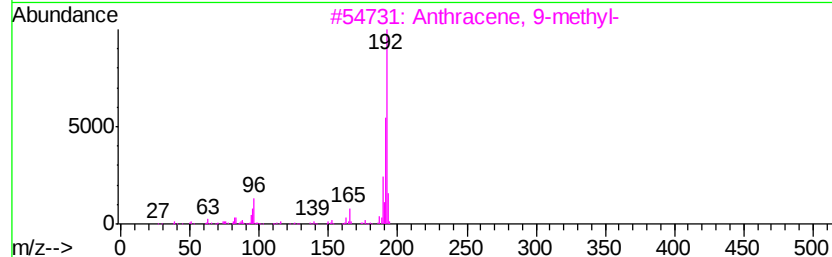
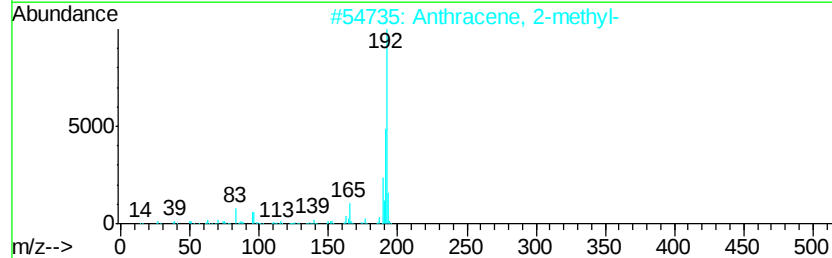
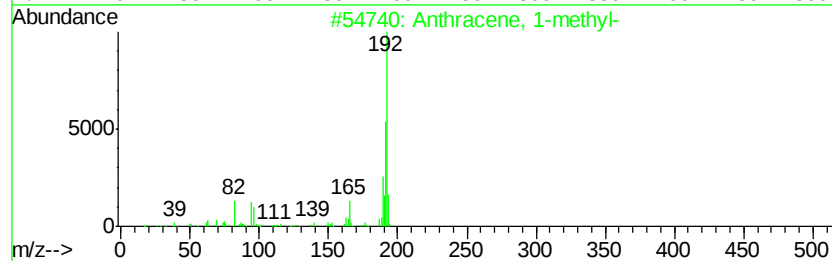
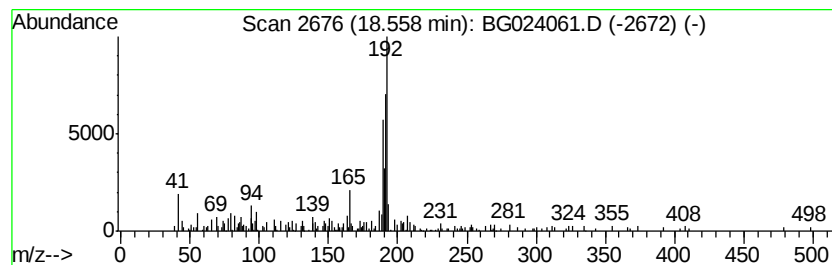
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	2.10 ng	117894	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024061.D
Acq On : 21 Sep 2016 18:58
Operator : UM/SJ
Sample : H4820-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YORK-TP1-03

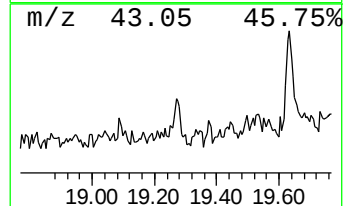
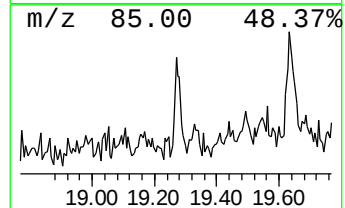
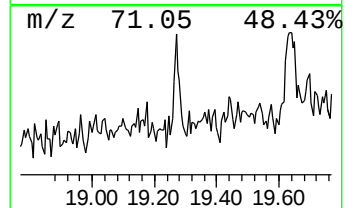
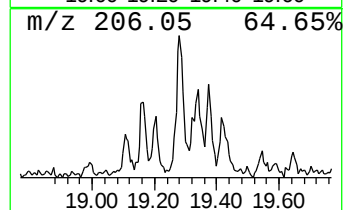
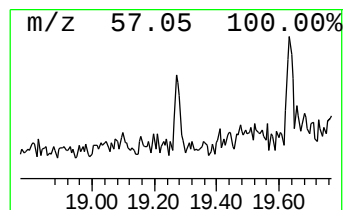
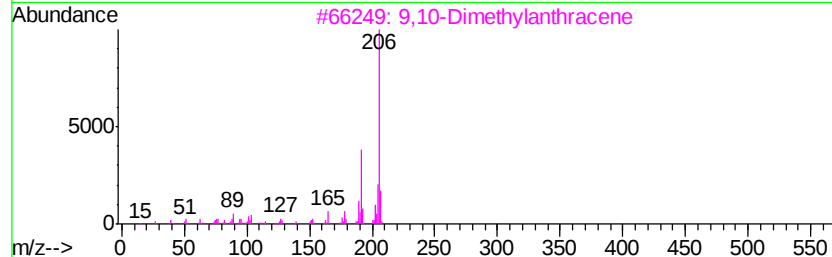
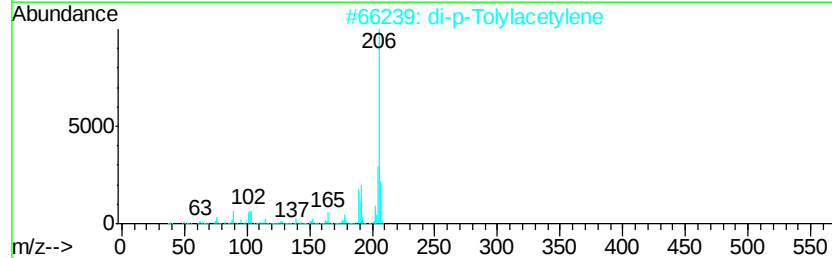
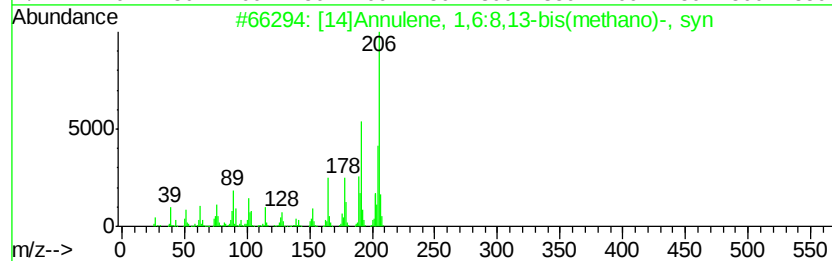
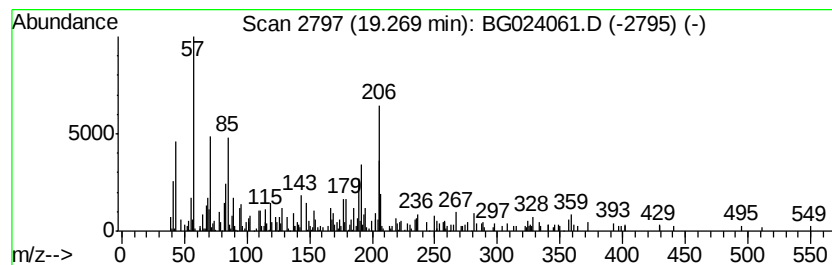
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 [14]Annulene, 1,6:8,13-bis(...) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	2.21 ng	124298	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	76
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	76
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
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Misc :
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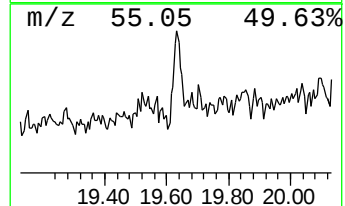
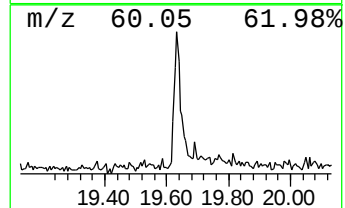
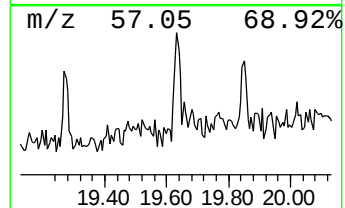
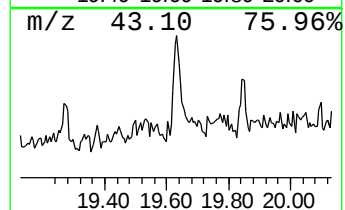
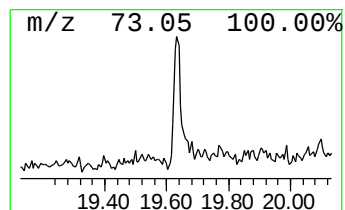
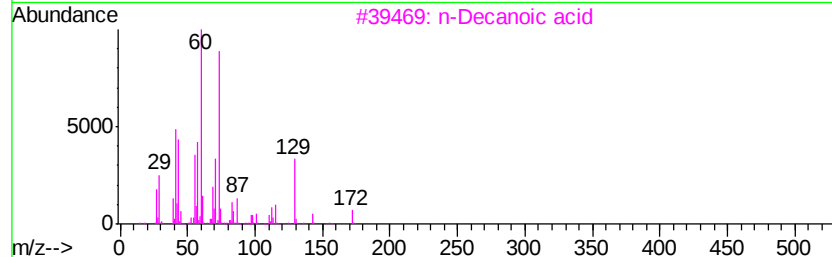
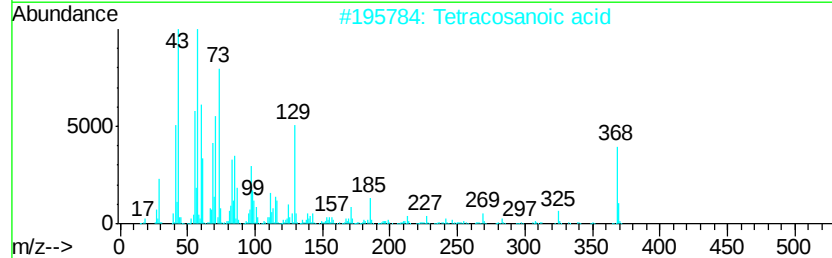
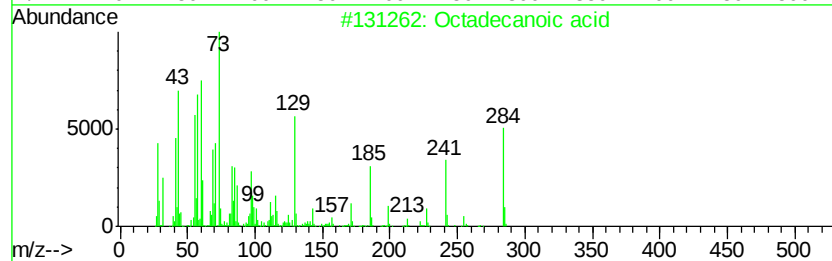
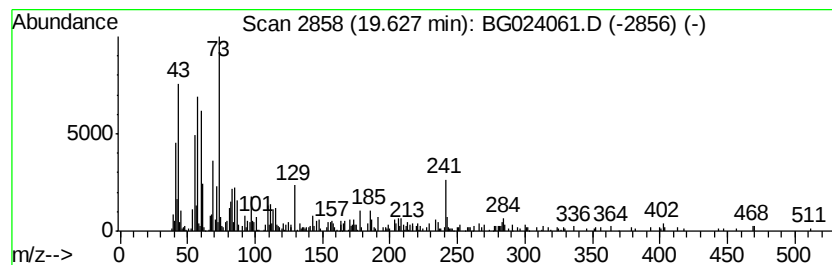
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	3.84 ng	215527	Phenanthrene-d10	17.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	89
2			Tetracosanoic acid	368	C24H48O2	000557-59-5	53
3			n-Decanoic acid	172	C10H20O2	000334-48-5	53
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5			11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50



Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
YORK-TP1-03

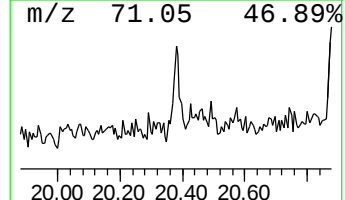
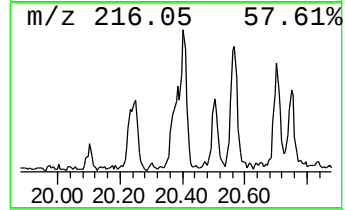
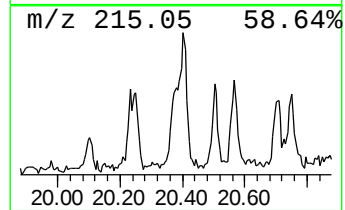
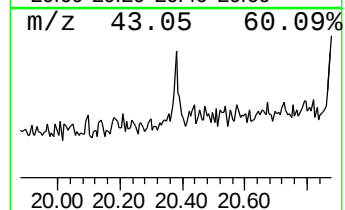
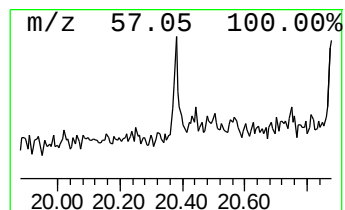
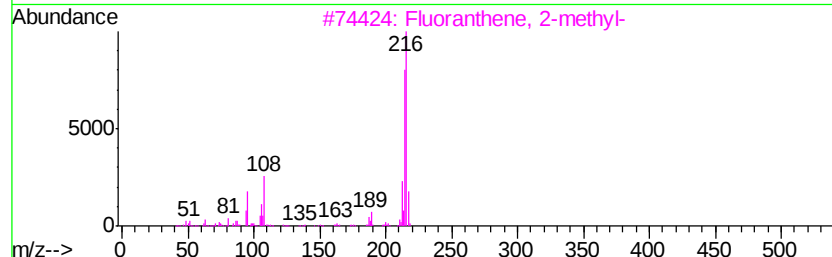
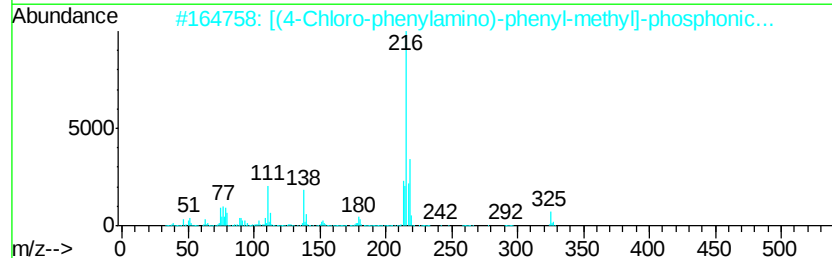
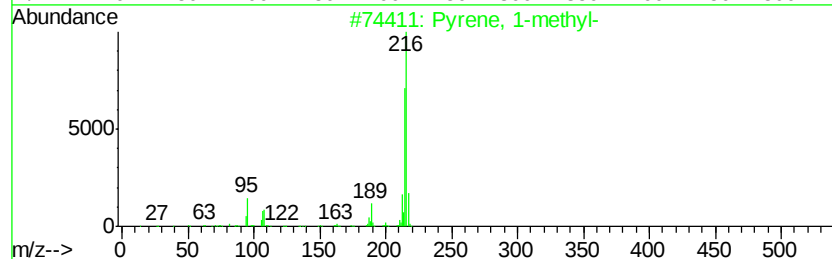
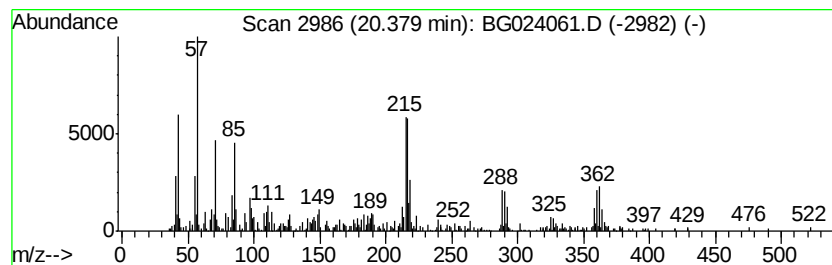
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	3.36 ng	266908	Chrysene-d12	21.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	51
2		[(4-Chloro-phenylamino)-phenyl-methyl]-phosphonic...	325	C15H17ClN03P	141380-78-1	44
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	38
4		Benzoic acid, 3-(3,5-dimethyl-1-phenyl)-	216	C12H12N2O2	312531-88-7	25
5		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
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unknown7.58	7.58	77.7	ng	2282300	1	8.05	587225	20.0
Dodecane, 2,6,10-...	16.43	2.5	ng	141175	4	17.49	1123820	20.0
unknown18.19	18.19	2.5	ng	140873	4	17.49	1123820	20.0
n-Hexadecanoic acid	18.36	7.8	ng	438192	4	17.49	1123820	20.0
Anthracene, 9-met...	18.42	2.2	ng	125105	4	17.49	1123820	20.0
Anthracene, 1-met...	18.56	2.1	ng	117894	4	17.49	1123820	20.0
[14]Annulene, 1,6...	19.27	2.2	ng	124298	4	17.49	1123820	20.0
Octadecanoic acid	19.63	3.8	ng	215527	4	17.49	1123820	20.0
Pyrene, 1-methyl-	20.38	3.4	ng	266908	5	21.80	1587470	20.0