

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
 Data File : BG041124.D
 Acq On : 8 Jun 2019 7:55
 Operator : HP/JU
 Sample : K3236-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 N48970

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.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	3.188	12	17	30	rVB	182527	294098	7.51%	1.463%
2	5.638	427	434	443	rBV	408640	649768	16.59%	3.233%
3	7.248	701	708	717	rBV	289420	488660	12.47%	2.431%
4	7.630	766	773	782	rBV	752181	1281039	32.70%	6.373%
5	8.106	847	854	863	rBV	167602	279715	7.14%	1.392%
6	8.429	900	909	918	rBV	666381	1149448	29.34%	5.719%
7	9.281	1046	1054	1063	rBV	587120	1097631	28.02%	5.461%
8	10.926	1326	1334	1344	rBV	230871	411838	10.51%	2.049%
9	13.359	1739	1748	1758	rBV	1828210	2833594	72.34%	14.097%
10	14.175	1882	1887	1893	rBV	45325	67590	1.73%	0.336%
11	14.257	1893	1901	1914	rVV	96145	171259	4.37%	0.852%
12	14.733	1976	1982	1990	rVB2	424170	658880	16.82%	3.278%
13	16.220	2228	2235	2251	rBV	1463958	2250390	57.45%	11.196%
14	16.772	2325	2329	2337	rBV	51827	84460	2.16%	0.420%
15	17.477	2443	2449	2458	rBV	548852	821267	20.97%	4.086%
16	18.335	2589	2595	2604	rBV2	273383	391431	9.99%	1.947%
17	19.598	2805	2810	2816	rBV2	190999	245226	6.26%	1.220%
18	19.886	2855	2859	2869	rVB	98442	155278	3.96%	0.773%
19	20.074	2885	2891	2898	rBV	2979387	3917289	100.00%	19.489%
20	21.349	3104	3108	3117	rBV2	93149	172939	4.41%	0.860%
21	21.755	3170	3177	3184	rBV2	544543	909722	23.22%	4.526%
22	21.901	3196	3202	3206	rBV2	30315	46715	1.19%	0.232%
23	22.518	3302	3307	3313	rBV2	52658	87923	2.24%	0.437%
24	23.229	3419	3428	3435	rBV	74020	145680	3.72%	0.725%
25	24.046	3561	3567	3578	rVB2	75404	170528	4.35%	0.848%
26	25.027	3725	3734	3735	rBV2	82368	152107	3.88%	0.757%
27	25.074	3735	3742	3758	rVB2	304221	919603	23.48%	4.575%
28	26.191	3923	3932	3942	rVB6	50660	157045	4.01%	0.781%
29	27.577	4160	4168	4179	rVB5	27635	89354	2.28%	0.445%

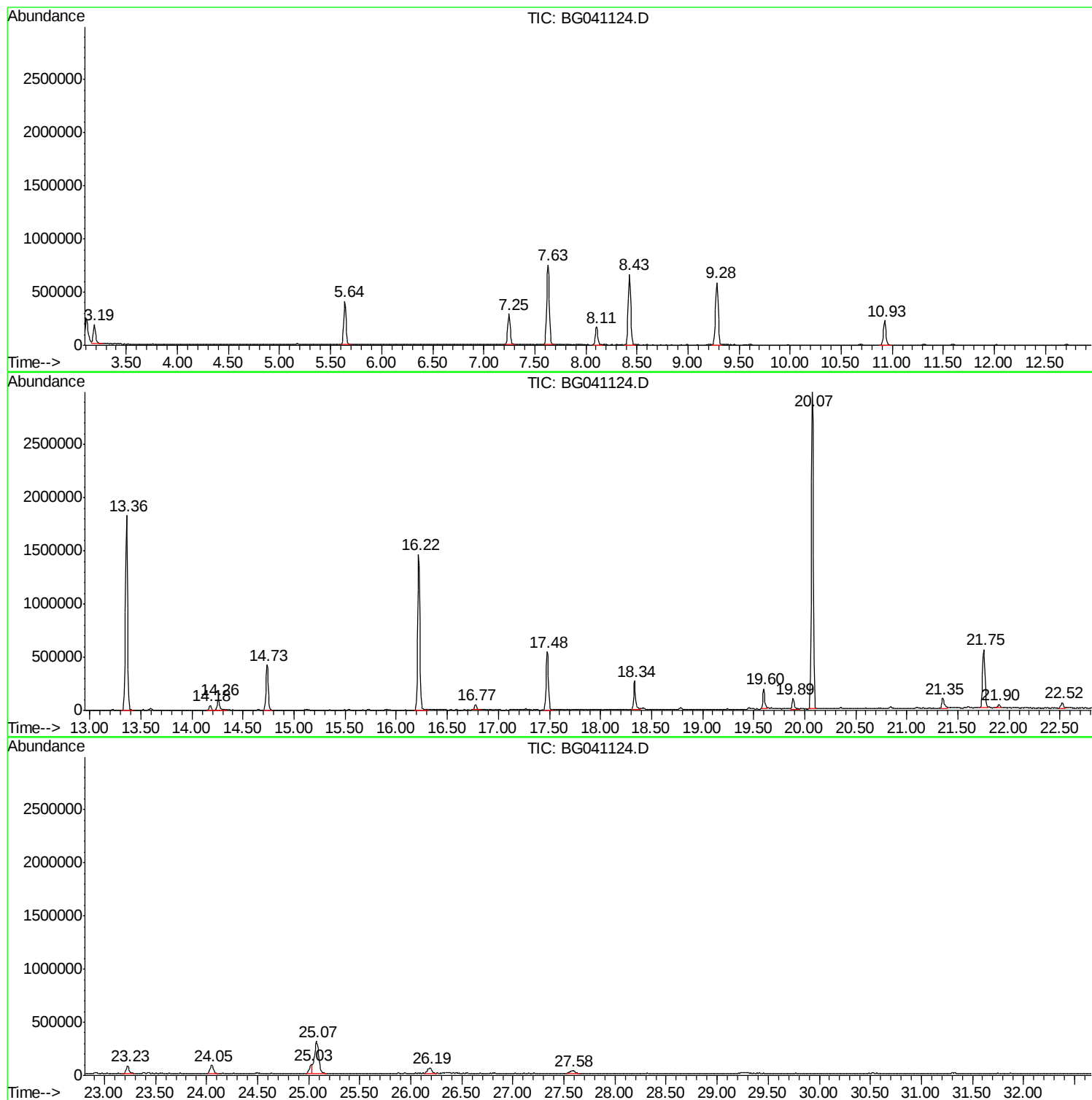
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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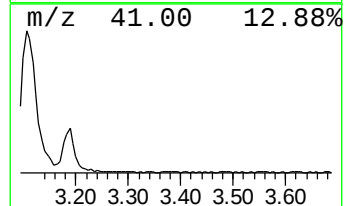
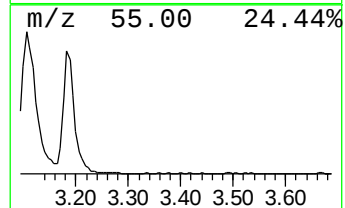
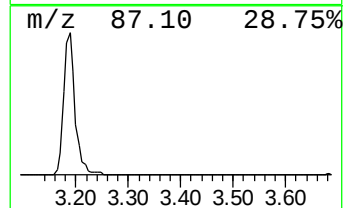
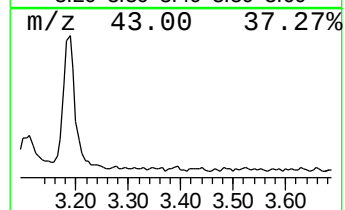
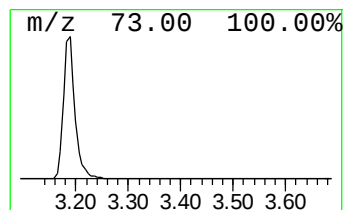
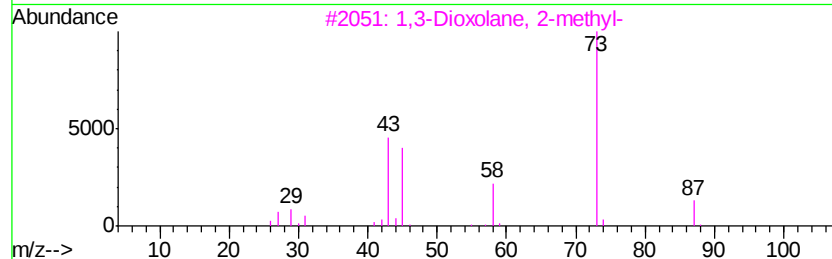
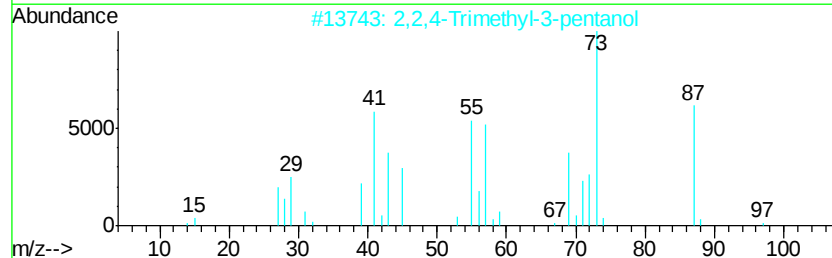
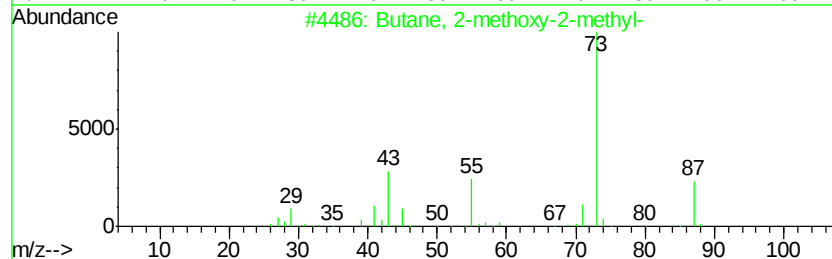
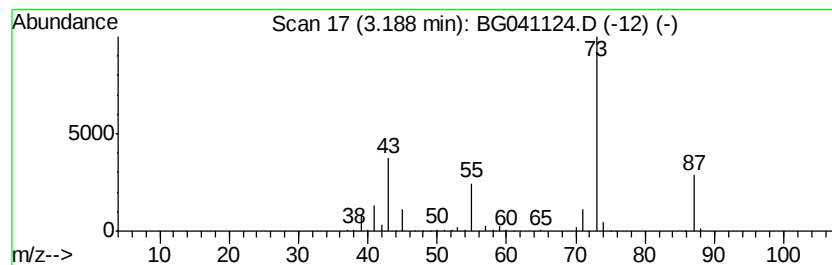
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	21.03 ng	294098	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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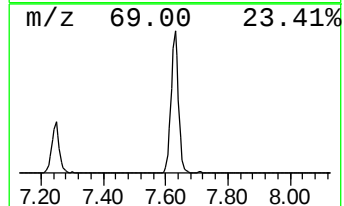
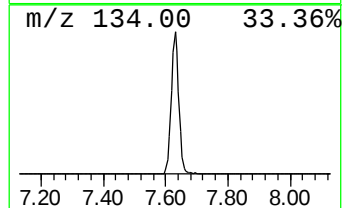
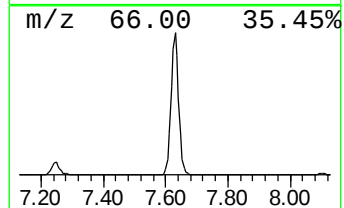
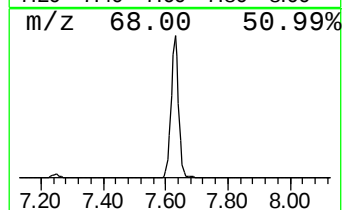
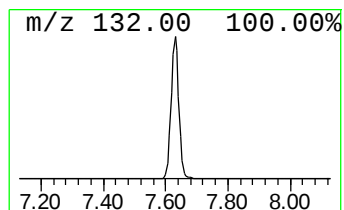
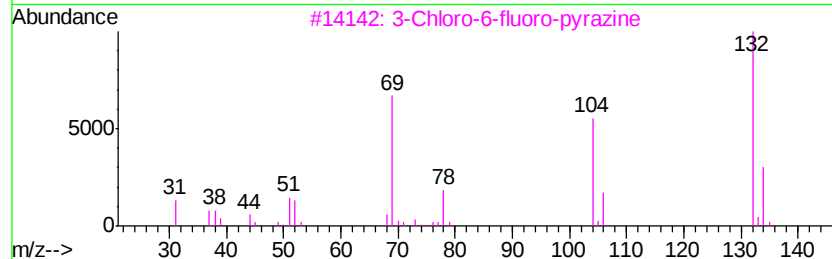
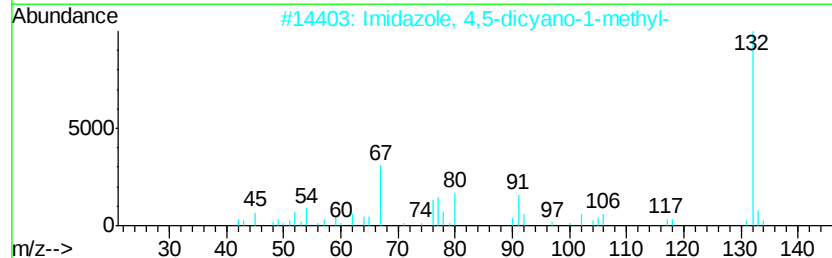
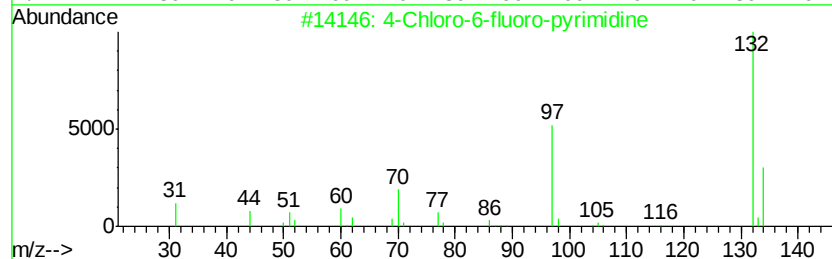
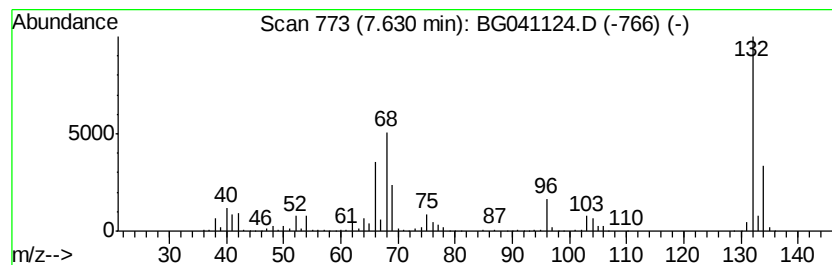
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Peak Number 2 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	91.60 ng	1281040	1,4-Dichlorobenzene-d4	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12



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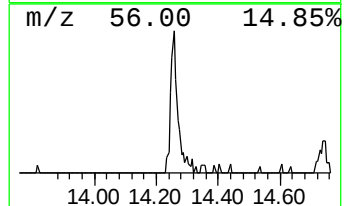
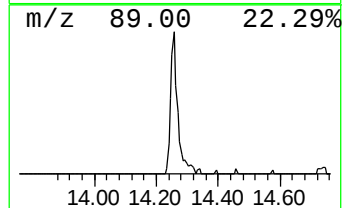
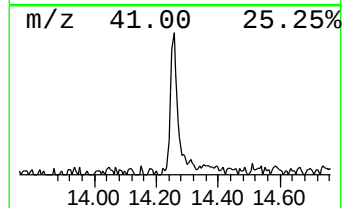
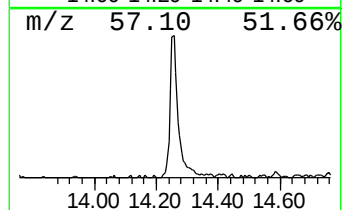
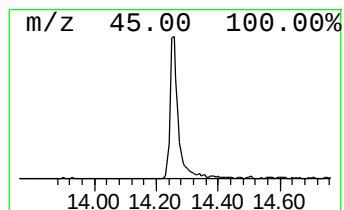
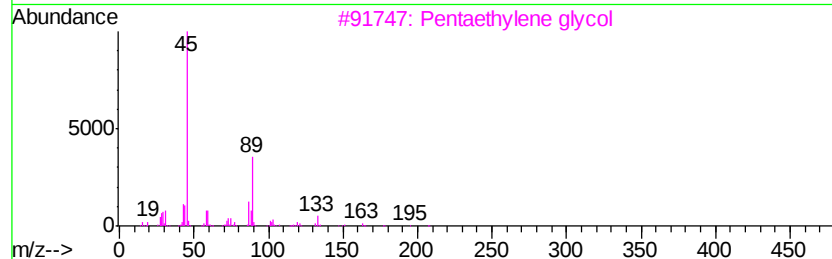
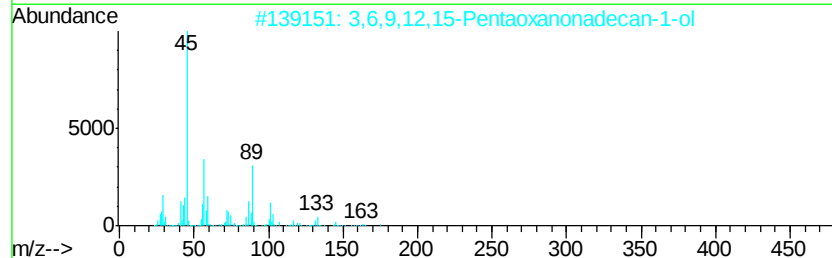
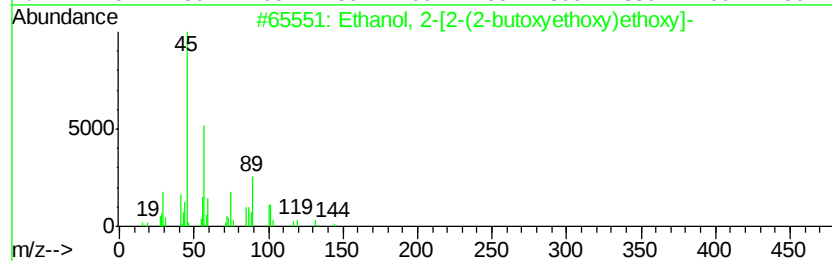
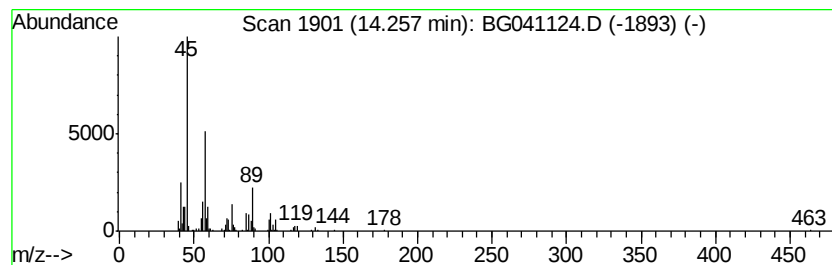
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Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	5.20 ng	171259	Acenaphthene-d10	14.73
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Ethanol, 2-[2-(2-butoxyethoxy)et...	206 C10H22O4	000143-22-6 91
2		3,6,9,12,15-Pentaoxanonadecan-1-ol	294 C14H30O6	001786-94-3 86
3		Pentaethylene glycol	238 C10H22O6	004792-15-8 80
4		Hexaethylene glycol	282 C12H26O7	002615-15-8 72
5		Heptaethylene glycol	326 C14H30O8	005617-32-3 72



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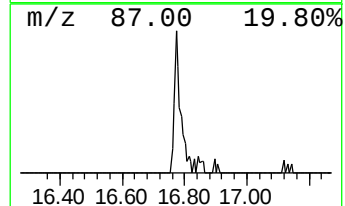
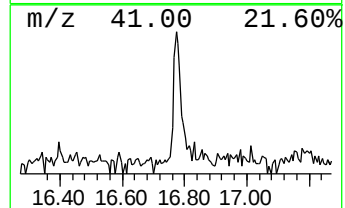
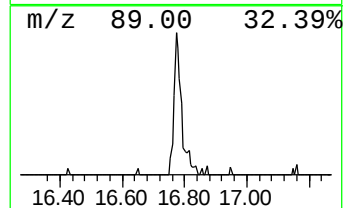
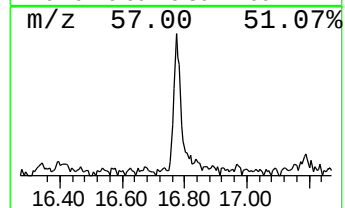
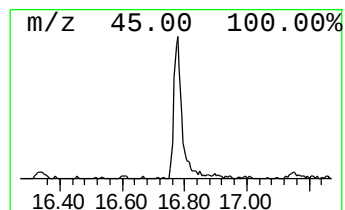
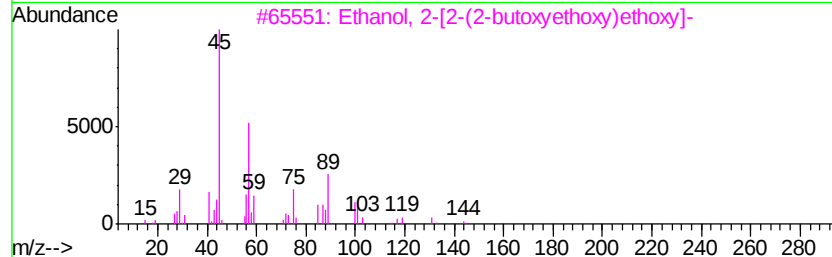
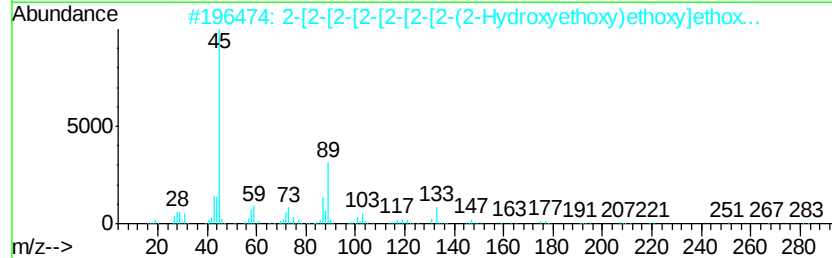
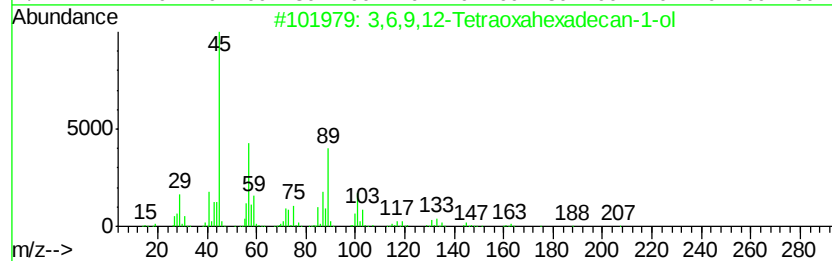
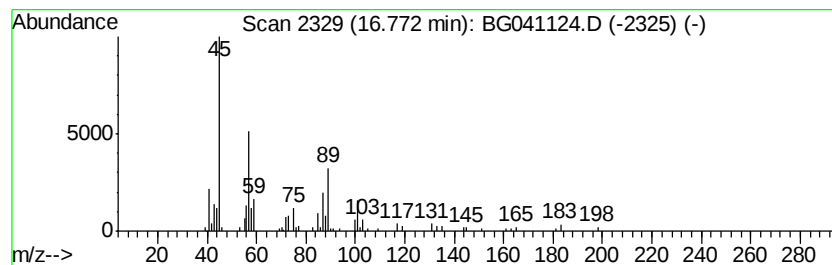
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Peak Number 5 3,6,9,12-Tetraoxahexadecan-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.06 ng	84460	Phenanthrene-d10	17.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol			250	C12H26O5	001559-34-8	81
2	2-[2-[2-[2-[2-[2-(2-Hydroxyvet...			370	C16H34O9	005117-19-1	72
3	Ethanol, 2-[2-(2-butoxyethoxy)et...			206	C10H22O4	000143-22-6	72
4	Hexaethylene glycol			282	C12H26O7	002615-15-8	64
5	Heptaethylene glycol			326	C14H30O8	005617-32-3	53



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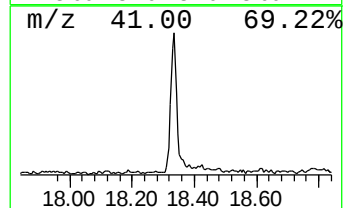
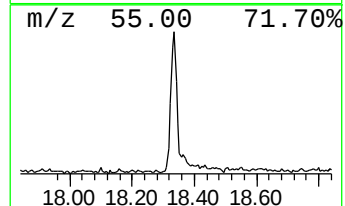
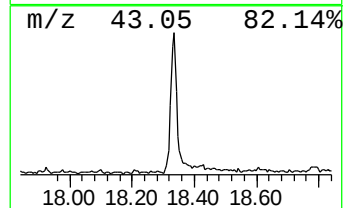
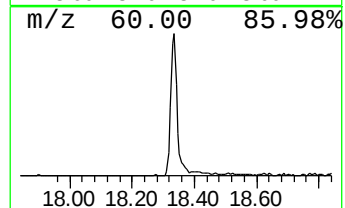
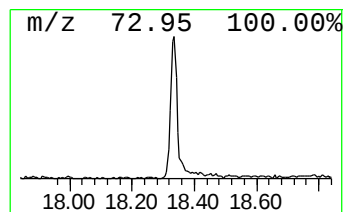
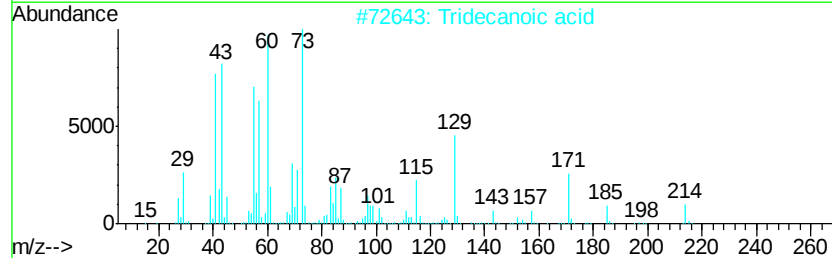
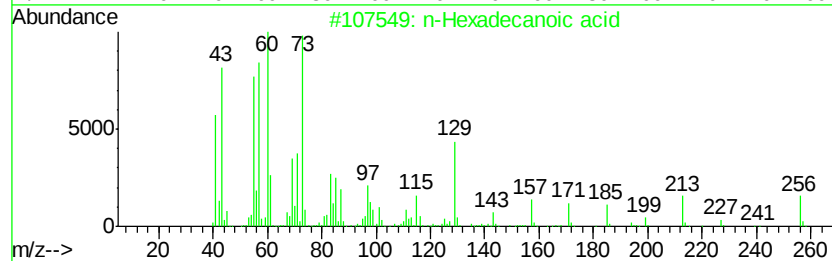
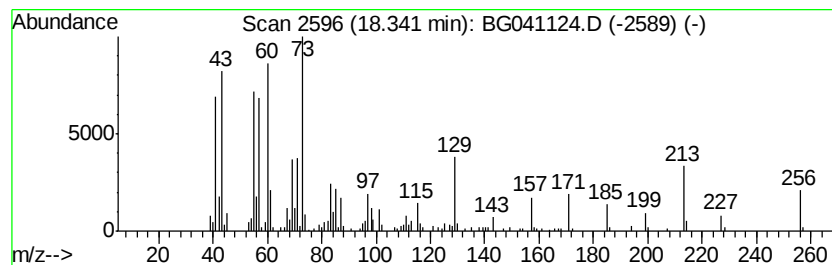
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Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	9.53 ng	391431	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4		Undecanoic acid	186	C11H22O2	000112-37-8	76
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	74



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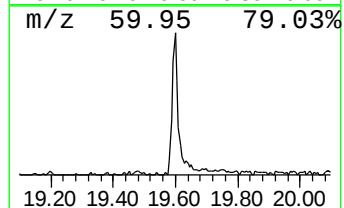
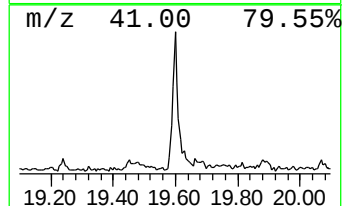
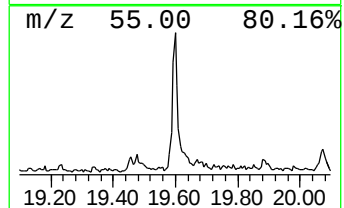
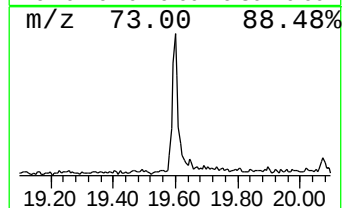
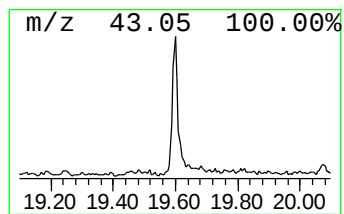
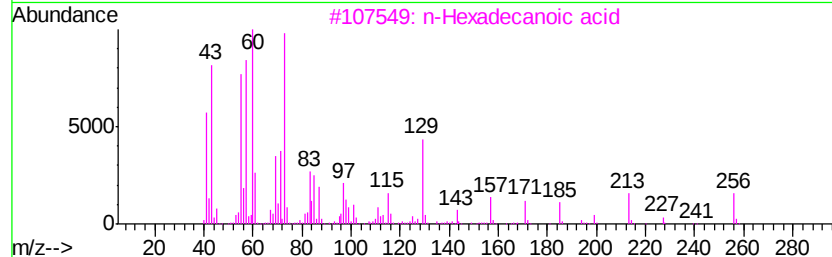
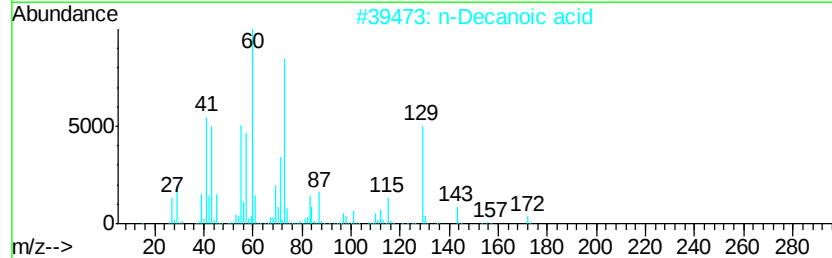
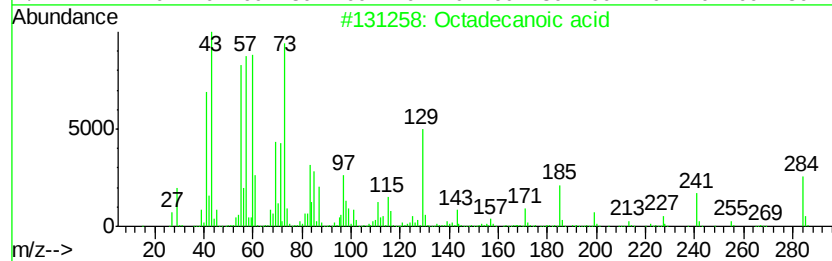
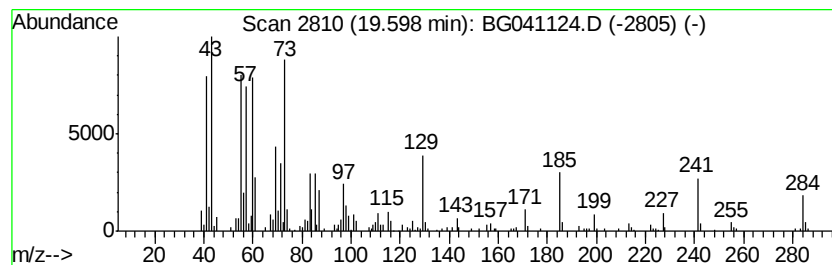
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
19.60	5.97 ng	245226	Phenanthrene-d10		17.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
Operator : HP/JU
Sample : K3236-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

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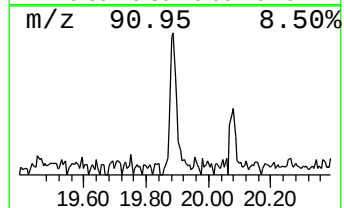
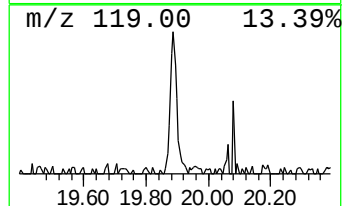
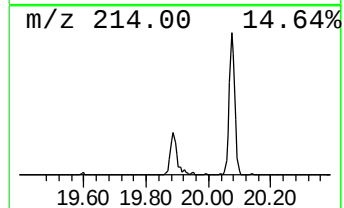
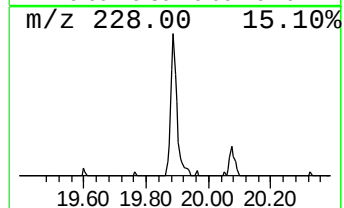
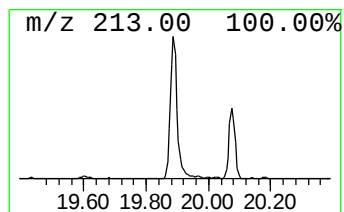
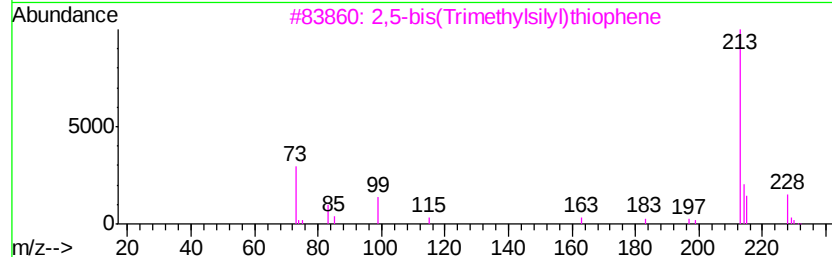
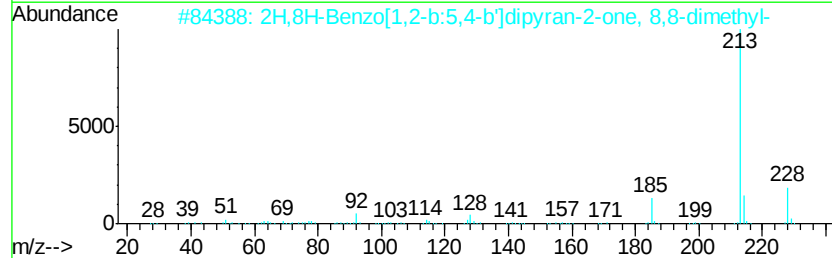
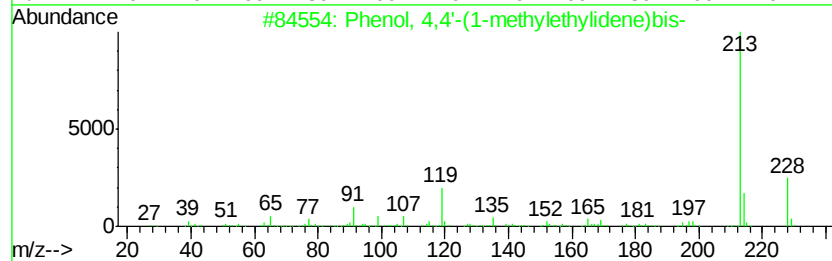
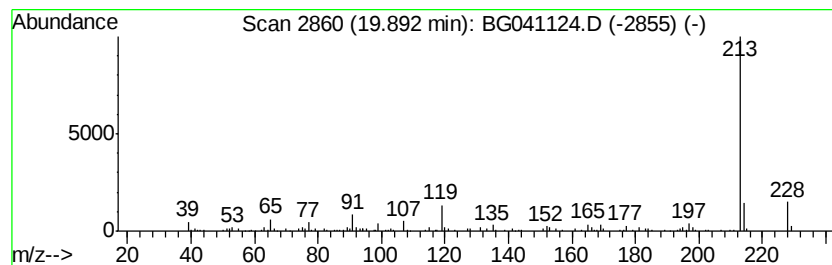
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	3.41 ng	155278	Chrysene-d12	21.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	95
2		2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	64
3		2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	59
4		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	53
5		Phenol, 2-bromo-4-(1,1-dimethyl...	228	C10H13BrO	002198-66-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
Operator : HP/JU
Sample : K3236-01
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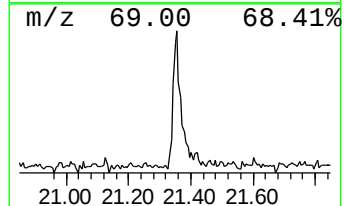
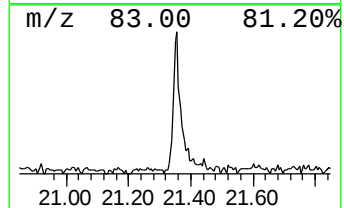
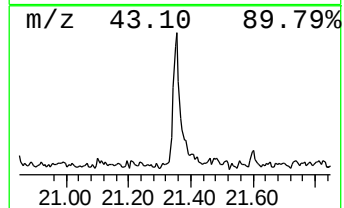
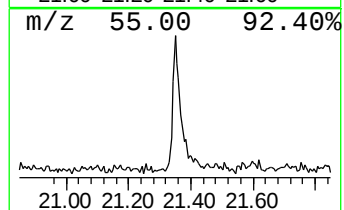
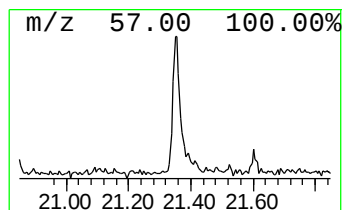
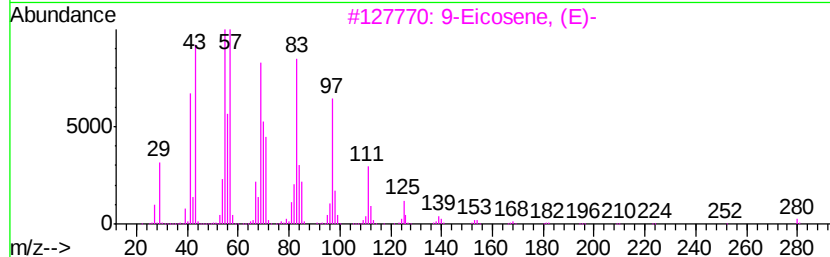
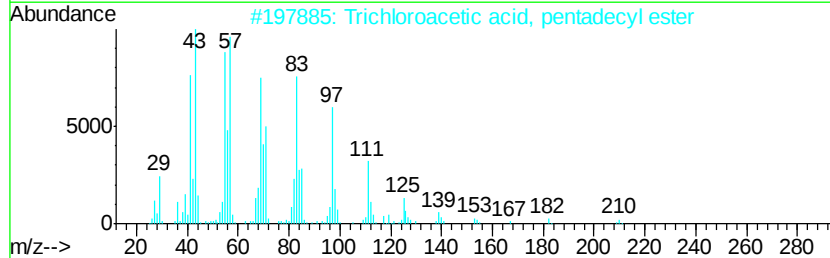
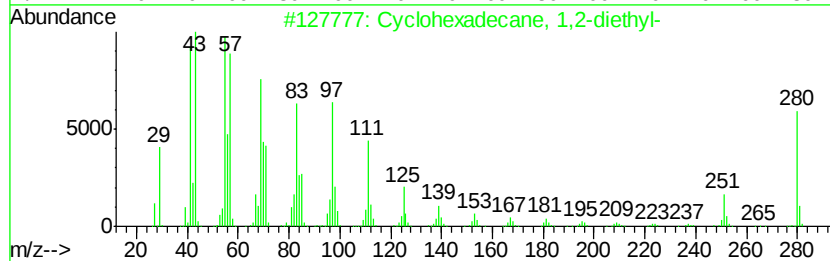
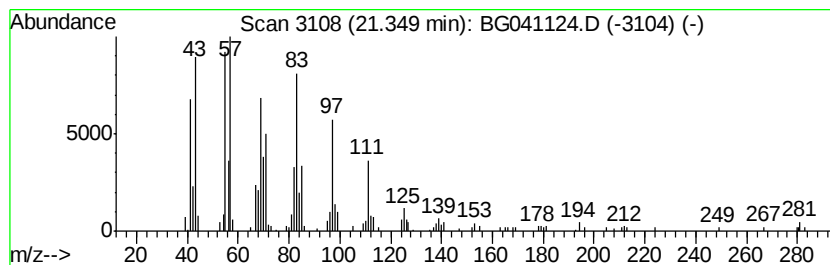
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane, 1,2-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.80 ng	172939	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3			9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
5			17-Pentatriacontene	491	C35H70	006971-40-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
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Sample : K3236-01
Misc :
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Instrument :
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ClientSampleId :
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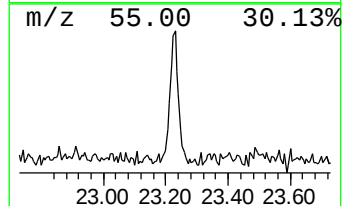
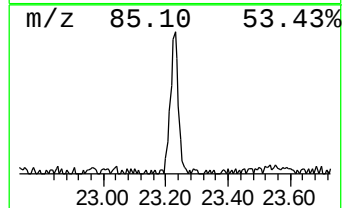
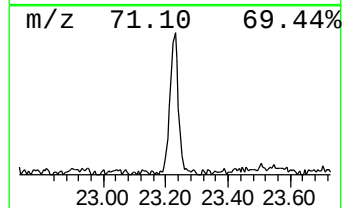
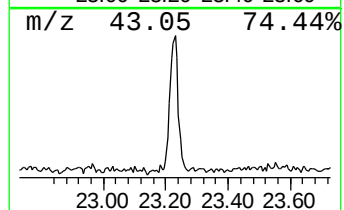
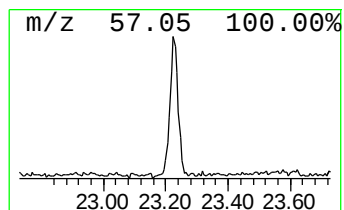
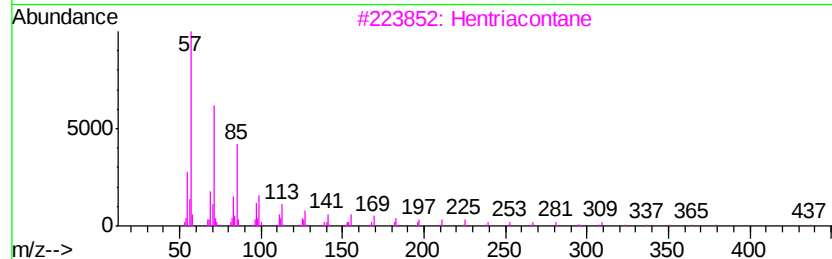
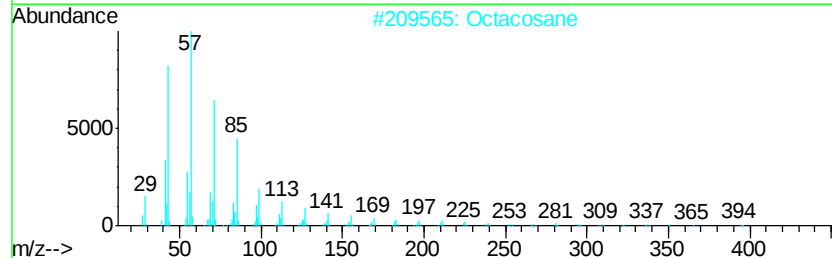
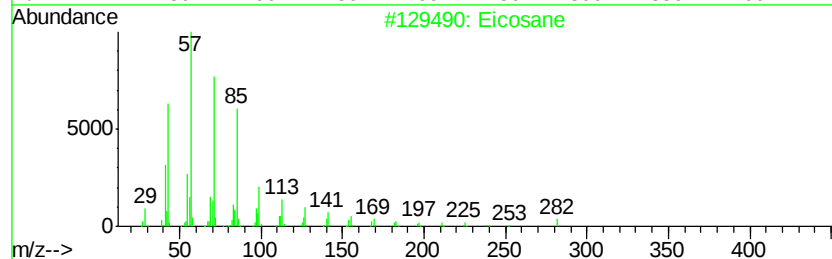
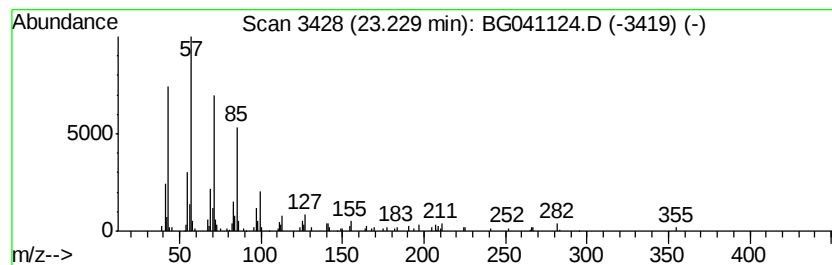
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	3.20 ng	145680	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Octacosane	394	C28H58	000630-02-4	87
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
Operator : HP/JU
Sample : K3236-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

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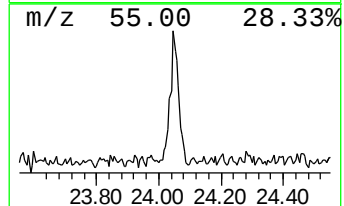
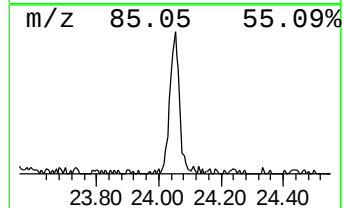
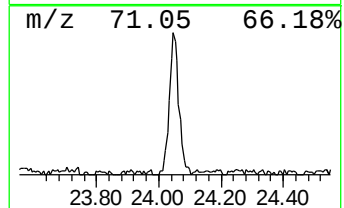
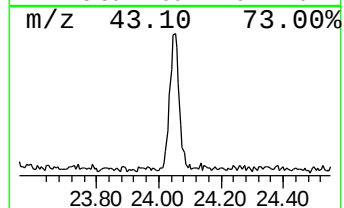
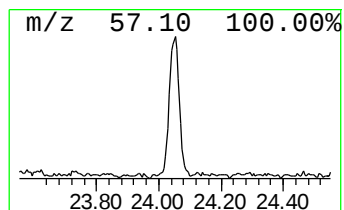
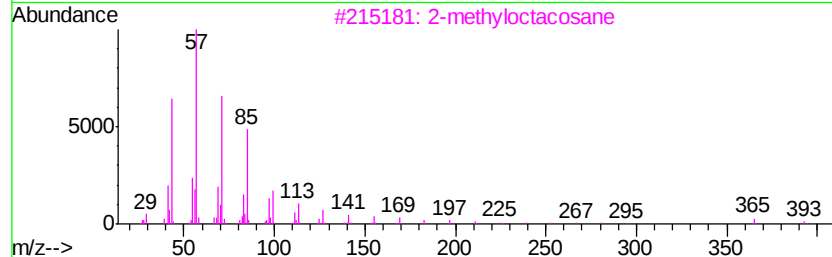
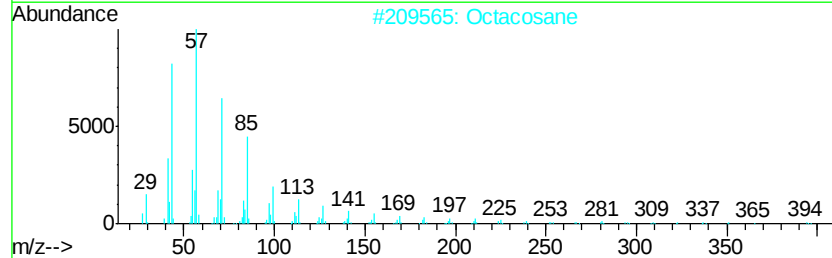
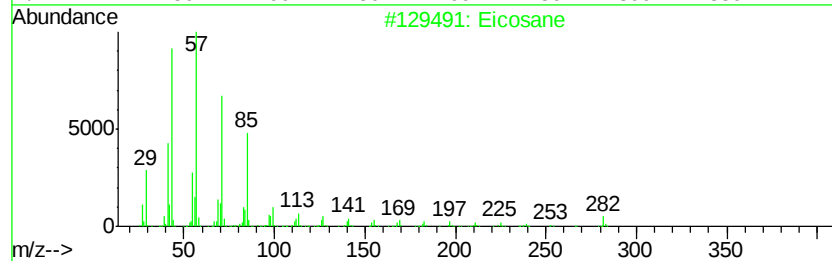
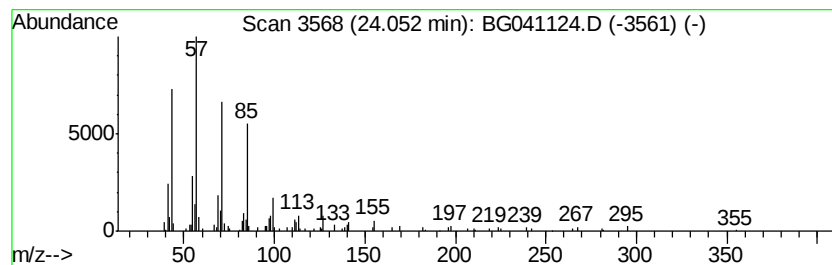
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Octacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.05	3.71 ng	170528	Perylene-d12	25.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	93
2	Octacosane			394	C28H58	000630-02-4	91
3	2-methyloctacosane			408	C29H60	1000376-72-8	91
4	Hexacosane			366	C26H54	000630-01-3	90
5	Heneicosane, 11-(1-ethylpropyl)-			366	C26H54	055282-11-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
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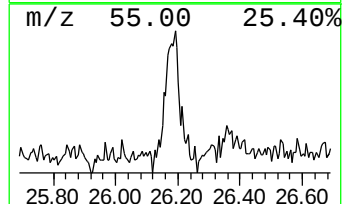
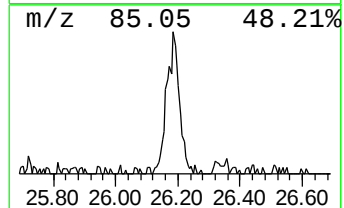
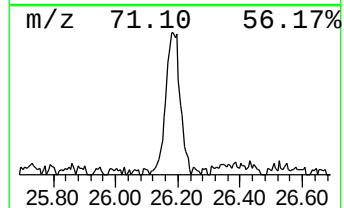
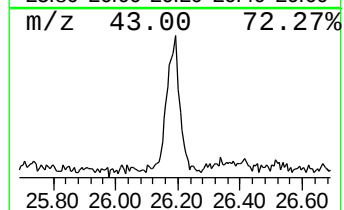
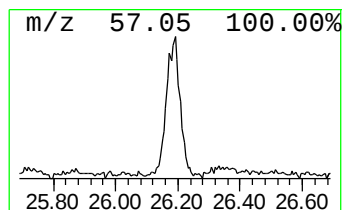
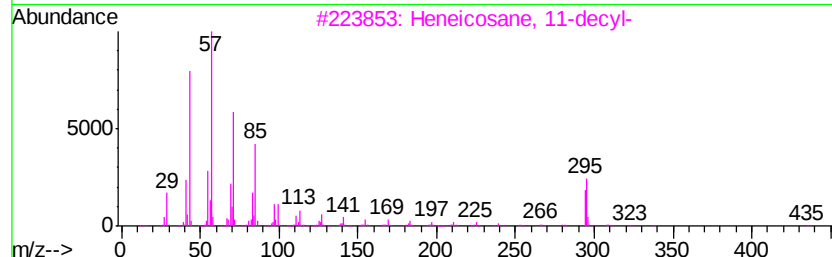
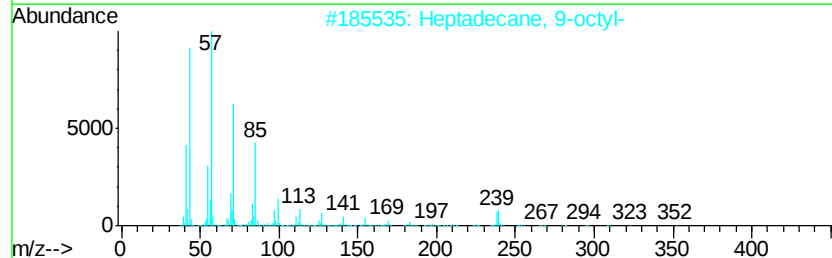
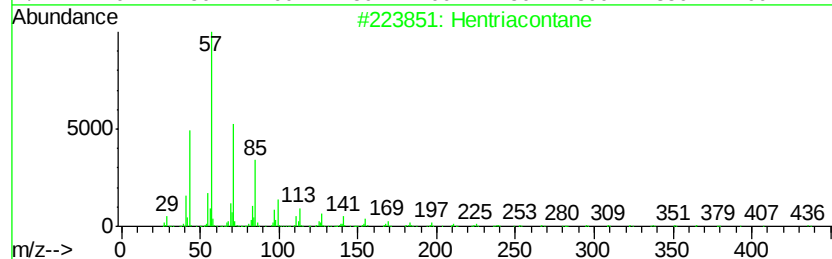
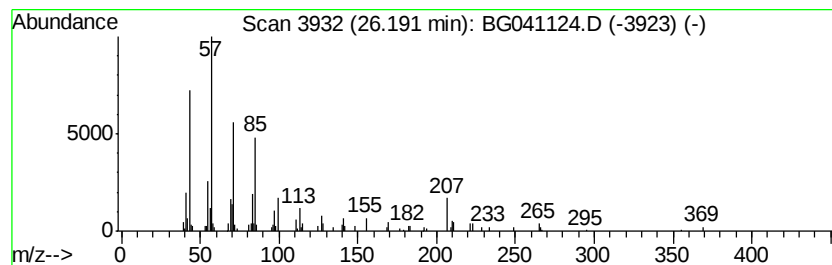
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hentriacontane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.19	3.42 ng	157045	Perylene-d12	25.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	83
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
4			Tetracosane	338	C24H50	000646-31-1	83
5			Docosane, 11-butyl-	366	C26H54	013475-76-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060719\
Data File : BG041124.D
Acq On : 8 Jun 2019 7:55
Operator : HP/JU
Sample : K3236-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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--			
					#	RT	Resp	Conc
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unknown7.63	7.63	91.6	ng	1281040	1	8.11	279715	20.0
Ethanol, 2-[2-(2-...	14.26	5.2	ng	171259	3	14.73	658880	20.0
3,6,9,12-Tetraoxa...	16.77	2.1	ng	84460	4	17.48	821267	20.0
n-Hexadecanoic acid	18.34	9.5	ng	391431	4	17.48	821267	20.0
Octadecanoic acid	19.60	6.0	ng	245226	4	17.48	821267	20.0
Phenol, 4,4'-(1-m...	19.89	3.4	ng	155278	5	21.75	909722	20.0
Cyclohexadecane, ...	21.35	3.8	ng	172939	5	21.75	909722	20.0
Eicosane	23.23	3.2	ng	145680	5	21.75	909722	20.0
Octacosane	24.05	3.7	ng	170528	6	25.07	919603	20.0
Hentriacontane	26.19	3.4	ng	157045	6	25.07	919603	20.0