

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
 Data File : BG042793.D
 Acq On : 12 Sep 2019 22:08
 Operator : HP/JU
 Sample : K4852-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GIS-2(0-5)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.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	3.215	15	21	30	rBV	222087	444233	7.56%	1.285%
2	3.291	30	34	50	rVB	579130	887260	15.09%	2.567%
3	3.814	120	123	133	rBV	44790	77842	1.32%	0.225%
4	5.682	431	441	450	rBV	1558454	2579086	43.86%	7.461%
5	7.269	702	711	722	rBV	1732438	3075708	52.31%	8.898%
6	7.651	768	776	786	rBV	1568784	2702752	45.97%	7.819%
7	8.121	848	856	863	rVB	287904	496414	8.44%	1.436%
8	8.444	900	911	921	rVB	1093756	1939512	32.99%	5.611%
9	9.278	1044	1053	1062	rBV	966938	1748303	29.73%	5.058%
10	10.929	1326	1334	1343	rBV	366353	678888	11.55%	1.964%
11	13.367	1742	1749	1758	rVB	2316228	3626993	61.68%	10.492%
12	13.638	1790	1795	1804	rVB	87340	140561	2.39%	0.407%
13	14.184	1883	1888	1893	rBV	331588	466925	7.94%	1.351%
14	14.736	1975	1982	1992	rVB	589256	933008	15.87%	2.699%
15	16.217	2227	2234	2248	rBV	2096244	3215798	54.69%	9.303%
16	17.480	2442	2449	2457	rBV2	757955	1192748	20.29%	3.450%
17	18.373	2596	2601	2610	rBV	137823	228608	3.89%	0.661%
18	19.225	2740	2746	2752	rBV2	167470	220544	3.75%	0.638%
19	19.637	2812	2816	2821	rBV5	44779	65452	1.11%	0.189%
20	20.089	2886	2893	2901	rVB	4454600	5879881	100.00%	17.010%
21	21.411	3113	3118	3126	rBV	306711	472304	8.03%	1.366%
22	21.758	3169	3177	3184	rBV	815808	1392632	23.68%	4.029%
23	21.987	3212	3216	3224	rVB4	51462	74765	1.27%	0.216%
24	22.615	3317	3323	3332	rBV3	67704	148992	2.53%	0.431%
25	23.332	3439	3445	3451	rBV3	66801	134295	2.28%	0.388%
26	24.167	3581	3587	3593	rBV2	60363	132704	2.26%	0.384%
27	25.024	3720	3733	3744	rBV2	468096	1390350	23.65%	4.022%
28	25.154	3748	3755	3766	rVB3	51643	145363	2.47%	0.421%
29	26.429	3966	3972	3980	rBV9	25092	75982	1.29%	0.220%

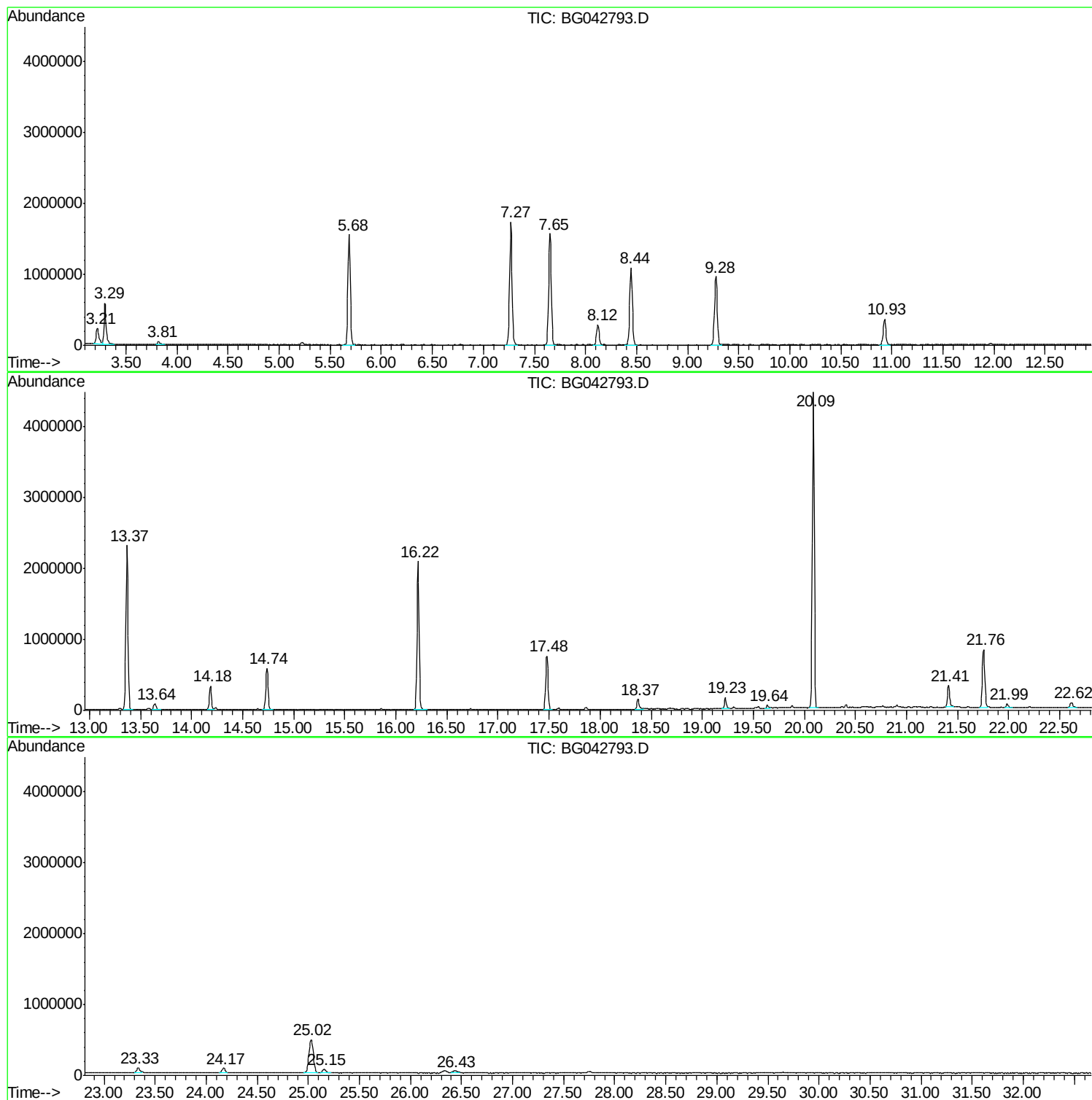
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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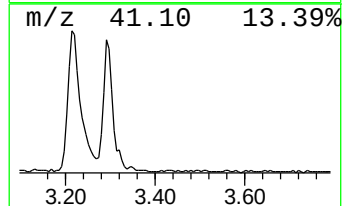
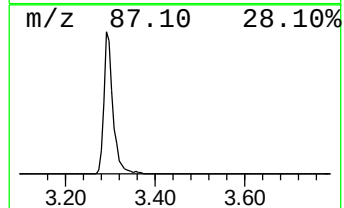
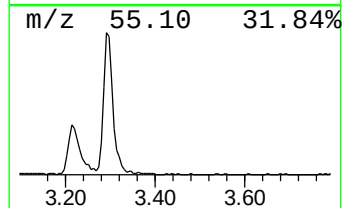
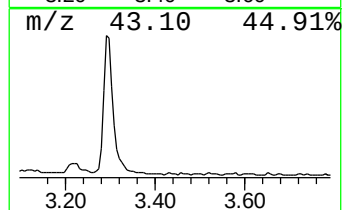
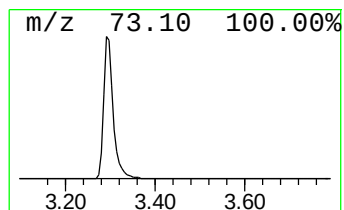
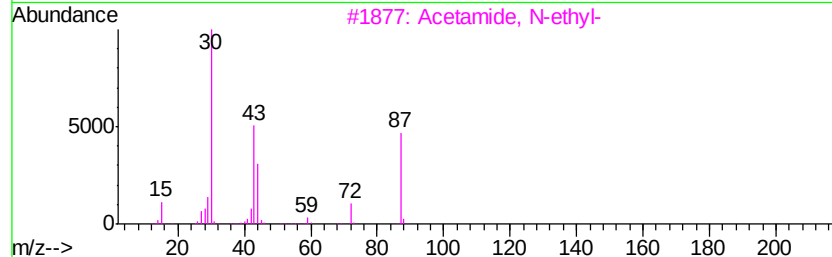
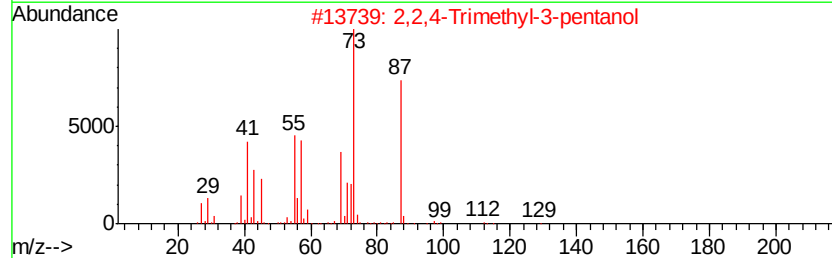
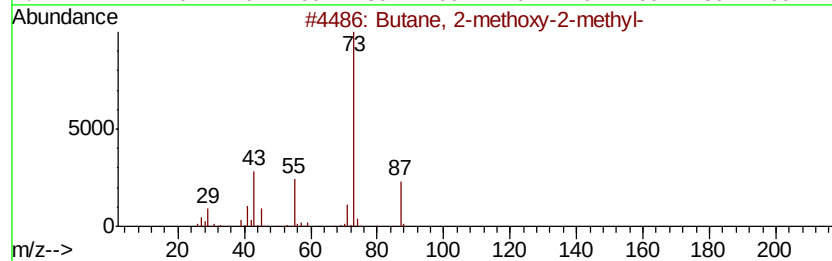
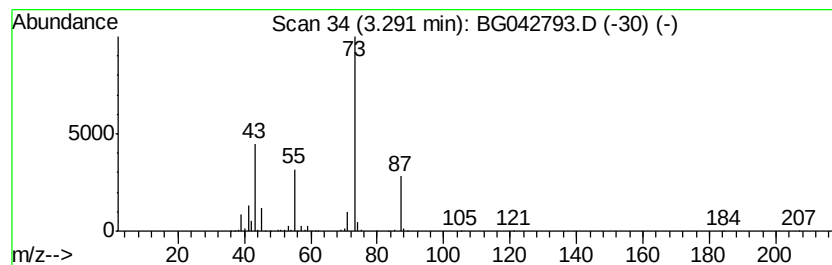
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	35.75 ng	887260	1,4-Dichlorobenzene-d4	8.12

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	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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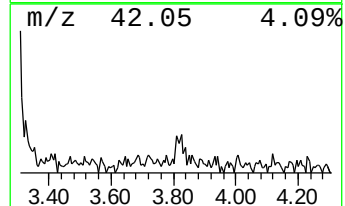
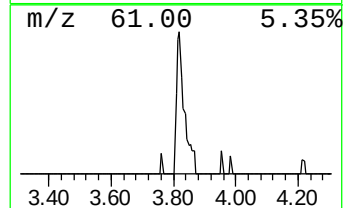
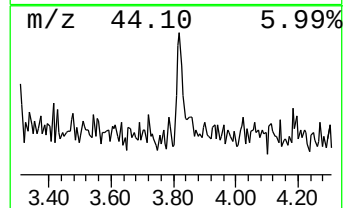
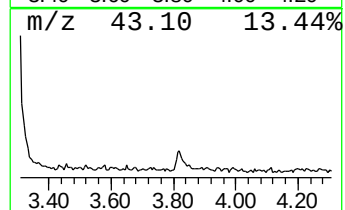
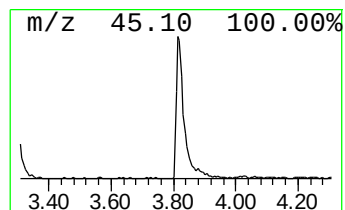
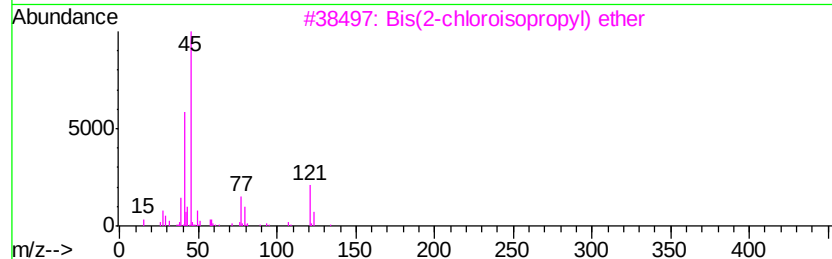
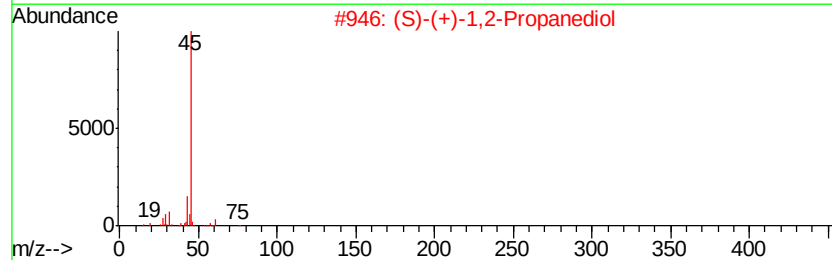
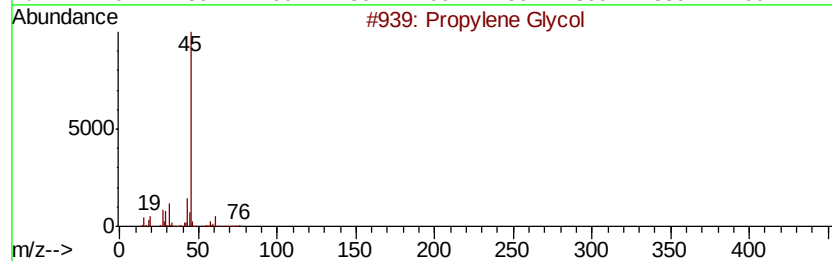
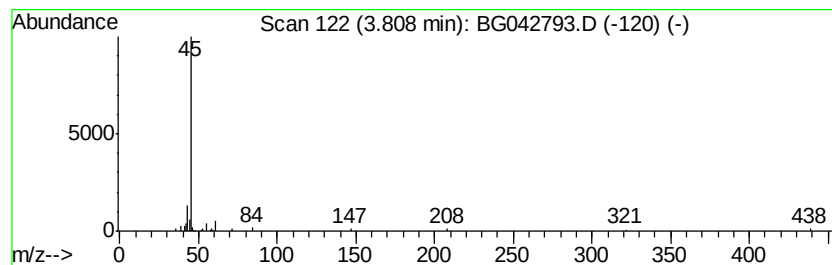
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Peak Number 3 Propylene Glycol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	3.14 ng	77842	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	72
2		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56
3		Bis(2-chloroisopropyl) ether	170	C6H12Cl2O	039638-32-9	39
4		4-Penten-2-ol	86	C5H10O	000625-31-0	39
5		2,3-Butanediol	90	C4H10O2	000513-85-9	9



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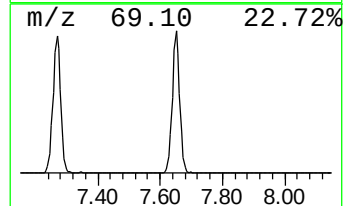
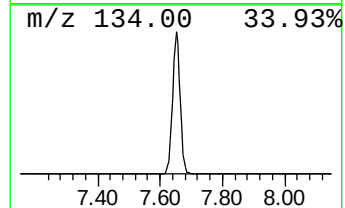
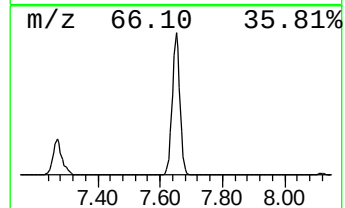
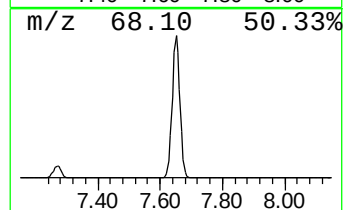
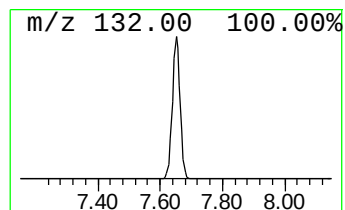
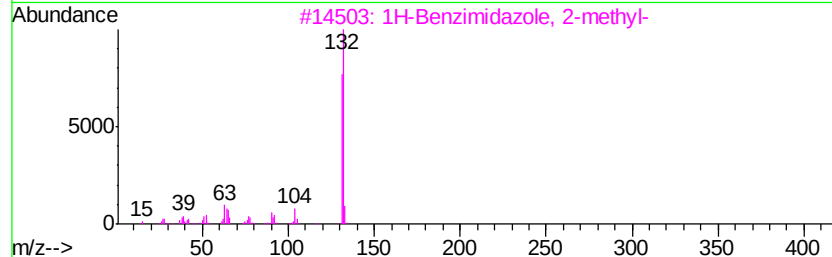
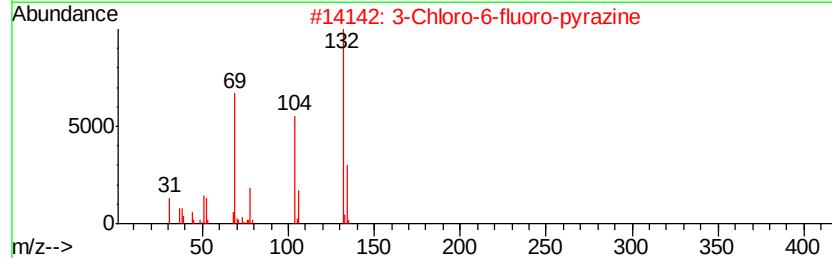
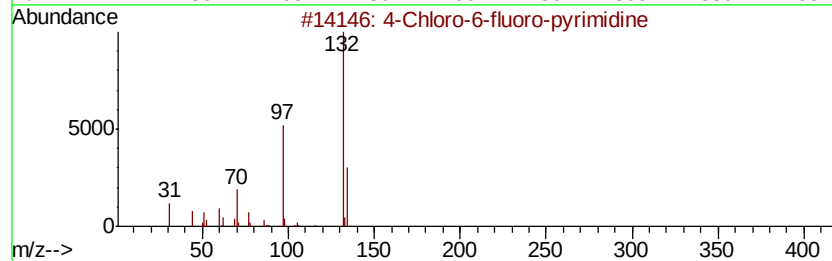
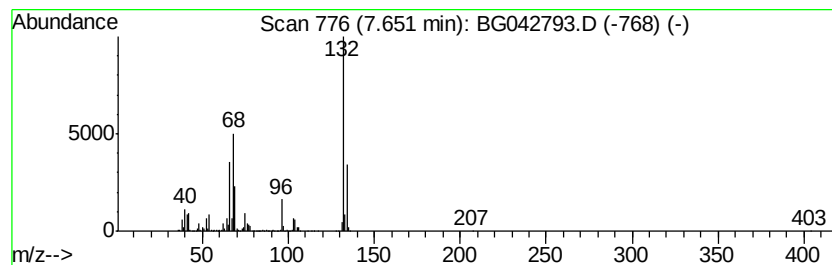
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Peak Number 4 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	108.89 ng	2702750	1,4-Dichlorobenzene-d4	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		5-Aminoindole	132	C8H8N2	005192-03-0	22
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22



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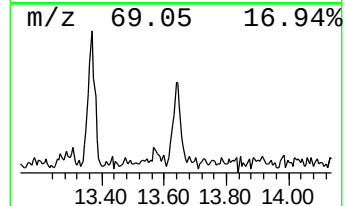
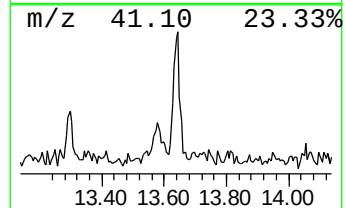
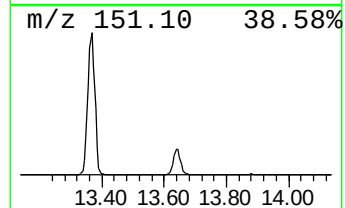
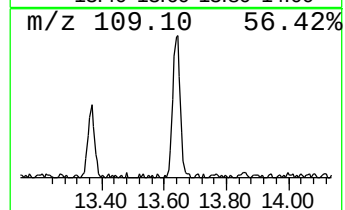
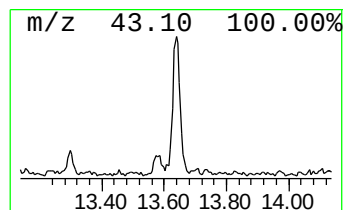
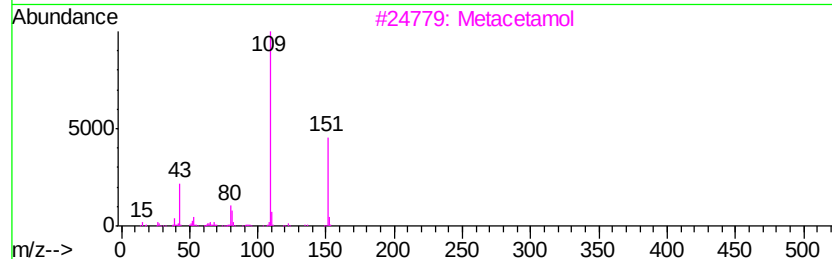
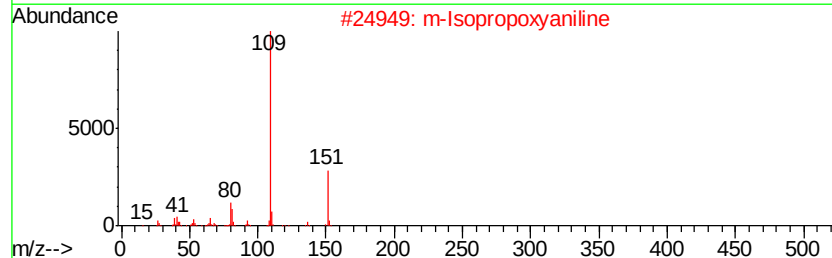
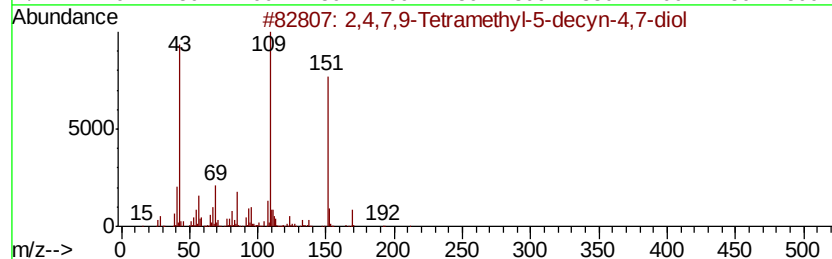
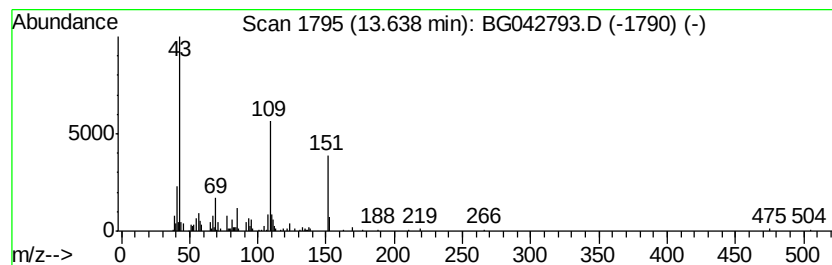
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Peak Number 6 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.64	3.01 ng	140561	Acenaphthene-d10	14.74	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	59
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	50
5	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	50



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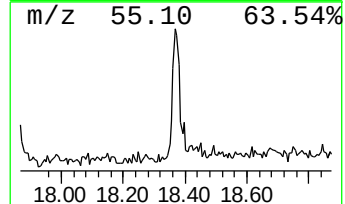
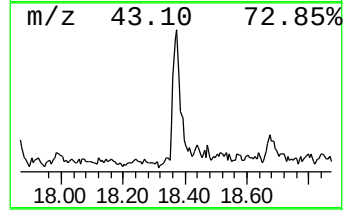
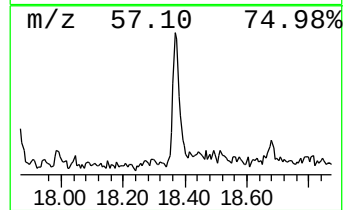
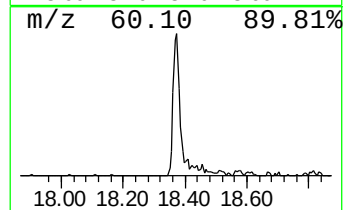
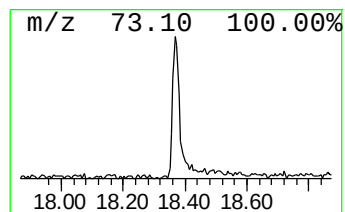
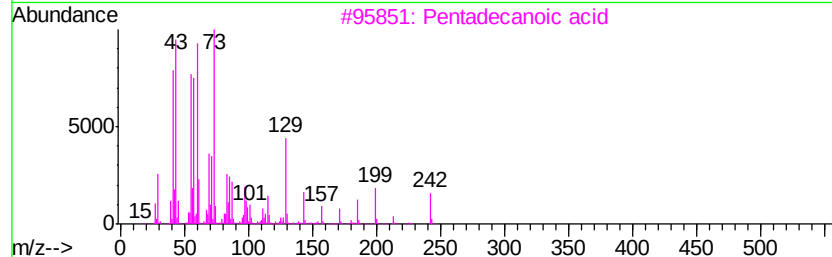
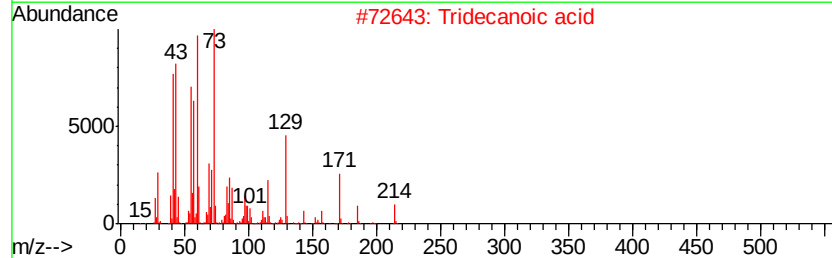
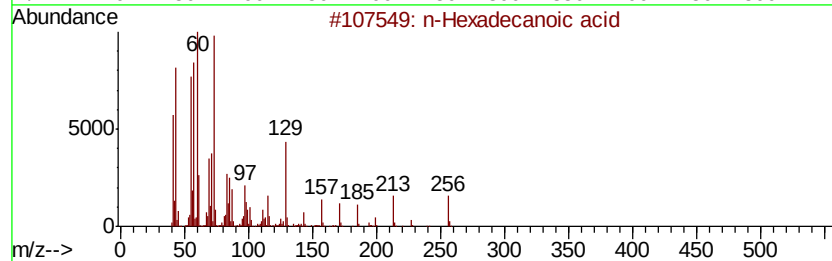
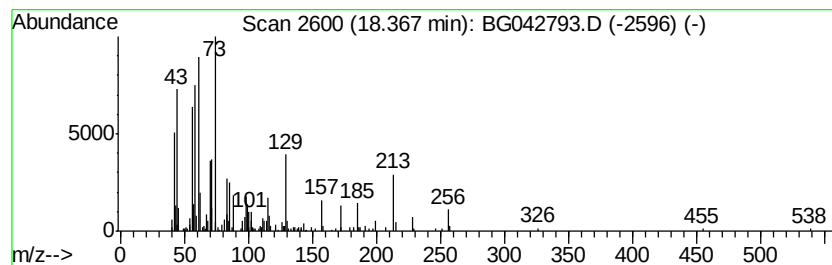
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.37	3.83 ng	228608	Phenanthrene-d10		17.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	89
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87



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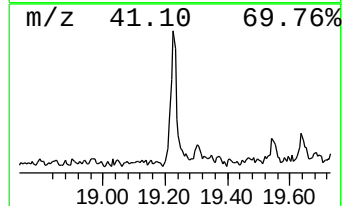
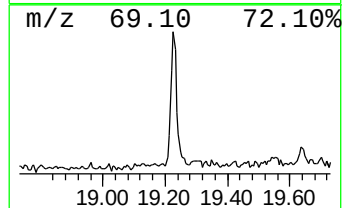
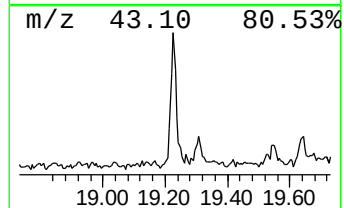
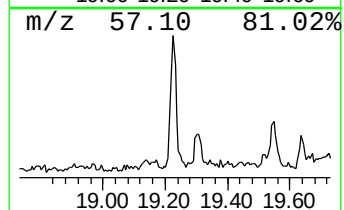
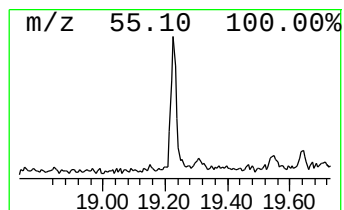
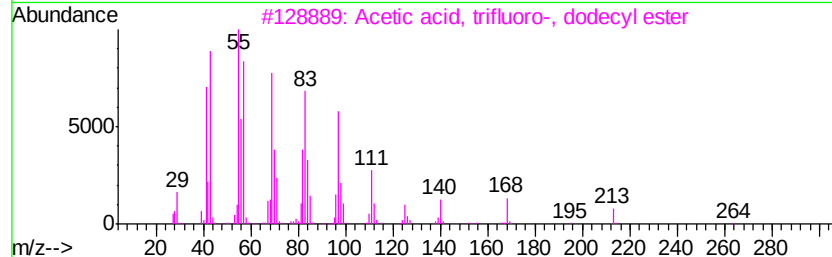
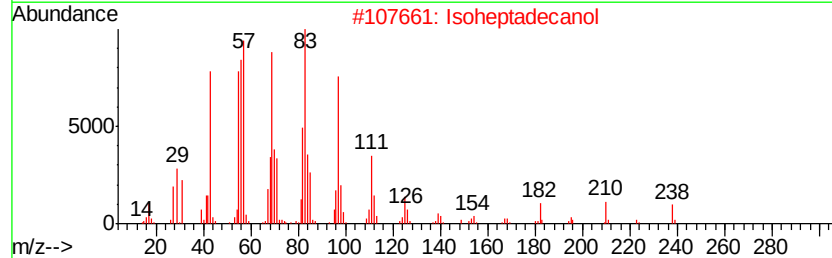
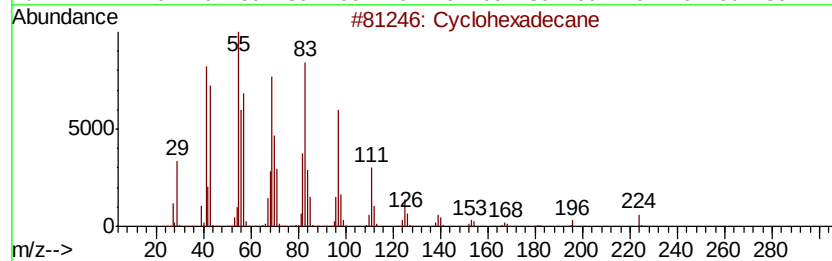
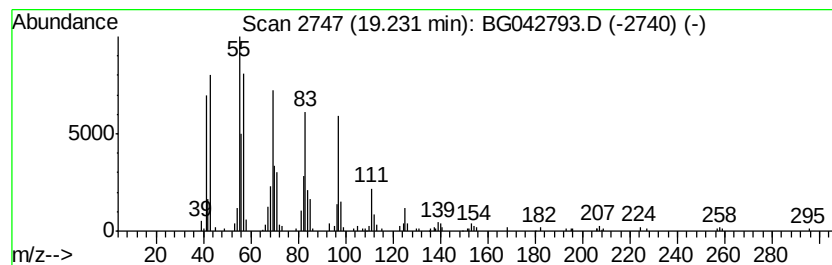
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	3.70 ng	220544	Phenanthrene-d10	17.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	91
2		Isoheptadecanol	256	C17H36O	057289-07-3	91
3		Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	91
4		Trifluoroacetic acid, n-tridecyl ...	296	C15H27F3O2	053800-02-5	91
5		1-Octadecanol	270	C18H38O	000112-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042793.D
Acq On : 12 Sep 2019 22:08
Operator : HP/JU
Sample : K4852-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

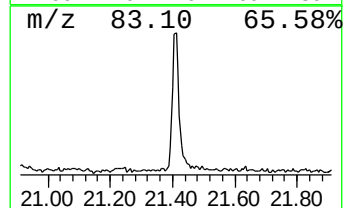
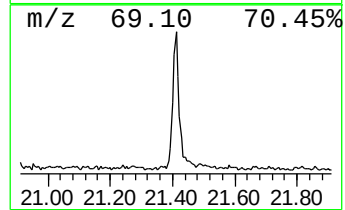
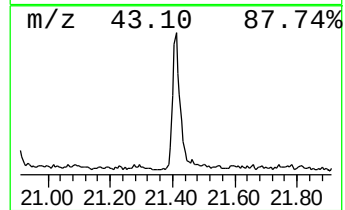
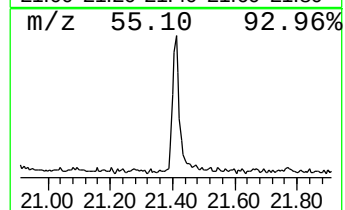
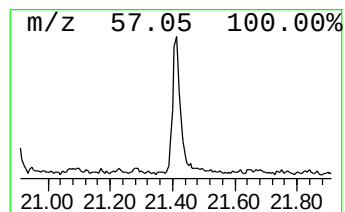
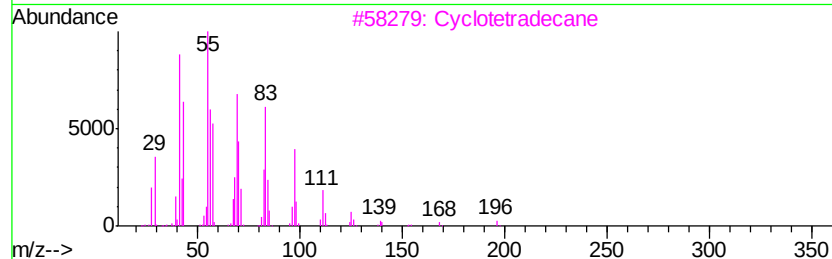
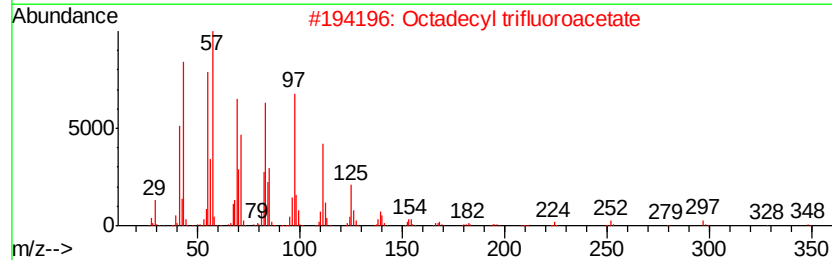
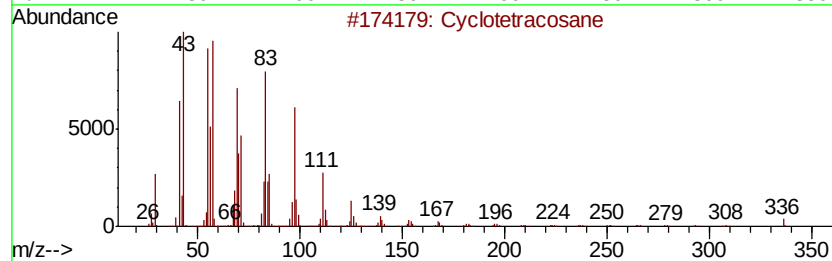
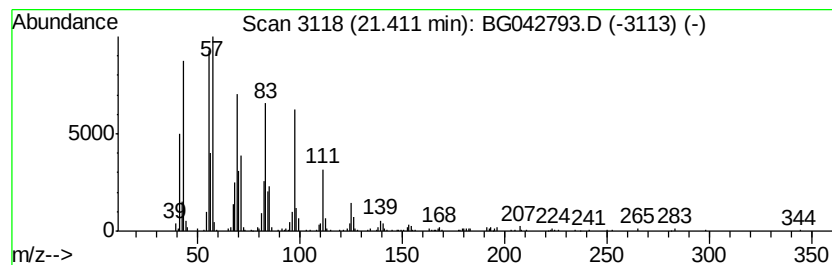
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclotetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	6.78 ng	472304	Chrysene-d12	21.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	95
2		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
3		Cyclotetradecane	196	C14H28	000295-17-0	91
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042793.D
Acq On : 12 Sep 2019 22:08
Operator : HP/JU
Sample : K4852-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

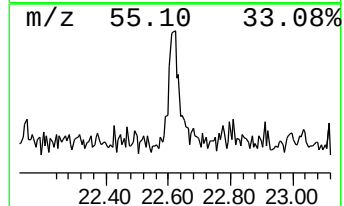
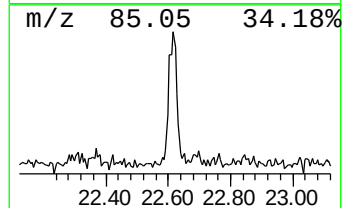
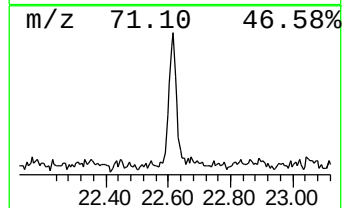
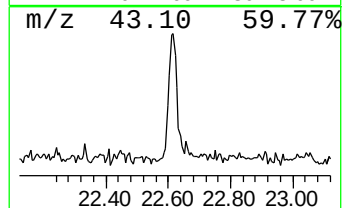
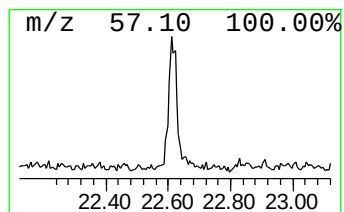
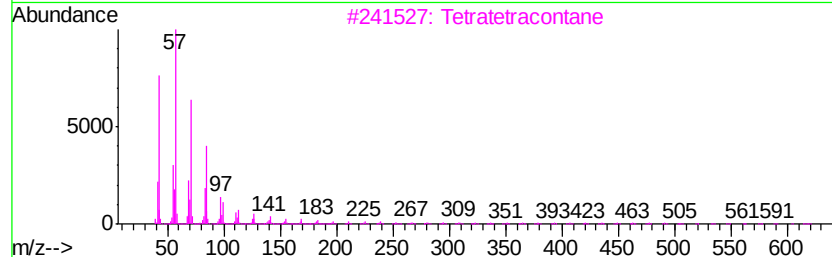
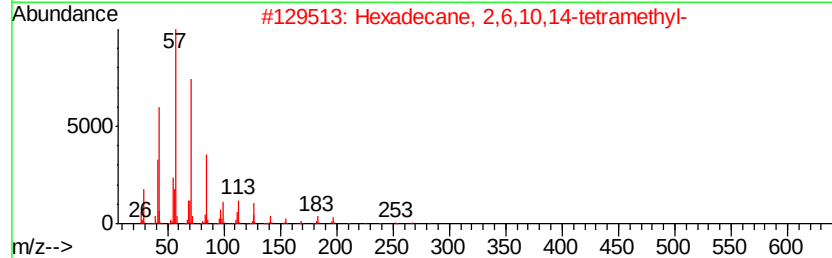
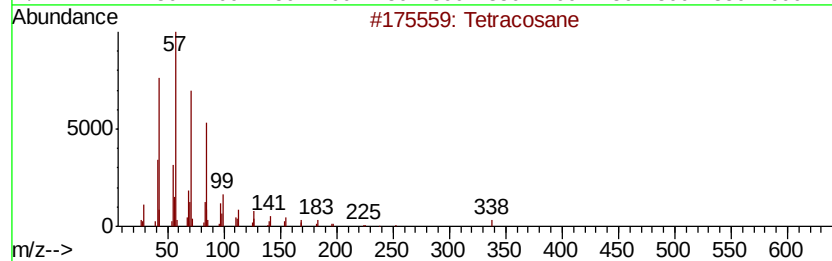
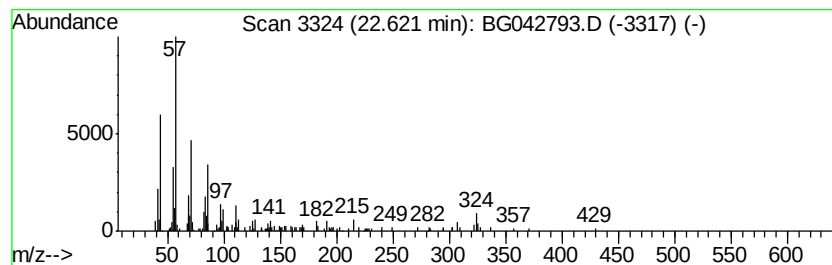
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	2.14 ng	148992	Chrysene-d12	21.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	94
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
5			2-Thiopheneacetic acid, 4-tridec...	324	C19H32O2S	1000280-66-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091219\
Data File : BG042793.D
Acq On : 12 Sep 2019 22:08
Operator : HP/JU
Sample : K4852-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

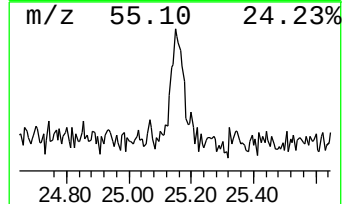
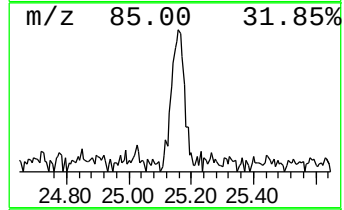
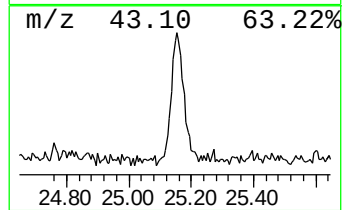
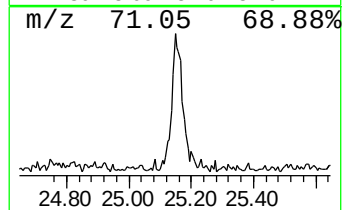
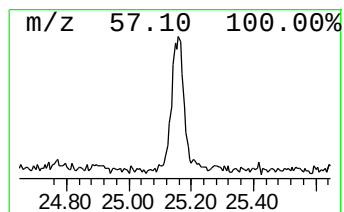
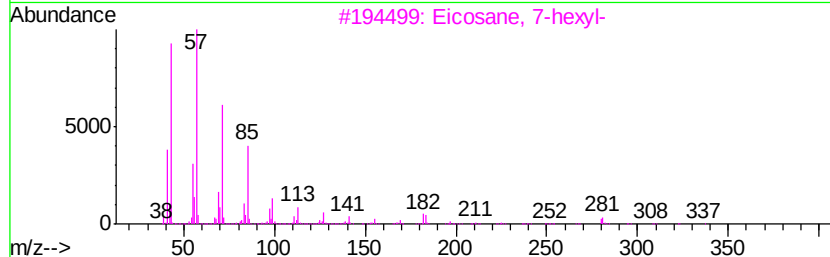
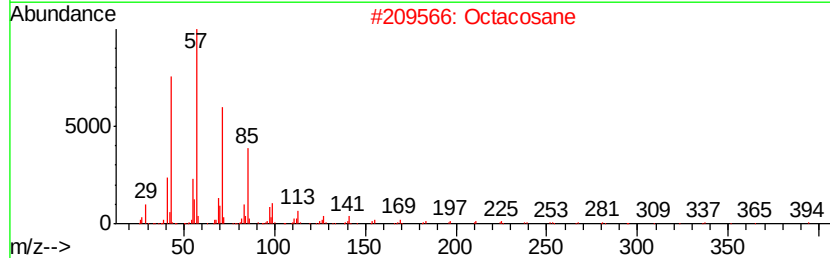
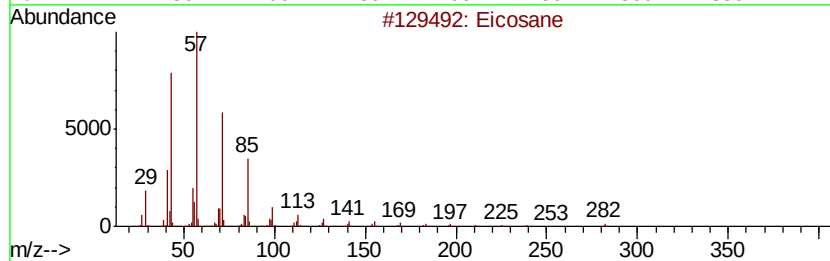
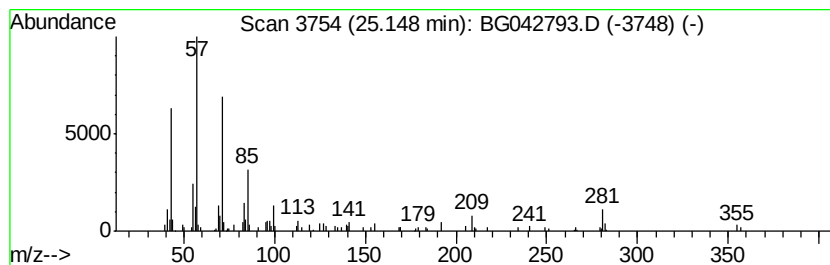
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.15	2.09 ng	145363	Perylene-d12	25.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	95
2	Octacosane	394 C28H58	000630-02-4	87
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	86
4	Tetratetracontane	619 C44H90	007098-22-8	83
5	Tetracosane	338 C24H50	000646-31-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091219\
Data File : BG042793.D
Acq On : 12 Sep 2019 22:08
Operator : HP/JU
Sample : K4852-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GIS-2(0-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG091219.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--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.29	35.8	ng	887260	1	8.12	496414	20.0
Propylene Glycol	3.81	3.1	ng	77842	1	8.12	496414	20.0
unknown7.65	7.65	108.9	ng	2702750	1	8.12	496414	20.0
2,4,7,9-Tetrameth...	13.64	3.0	ng	140561	3	14.74	933008	20.0
n-Hexadecanoic acid	18.37	3.8	ng	228608	4	17.48	1192750	20.0
Cyclohexadecane	19.23	3.7	ng	220544	4	17.48	1192750	20.0
Cyclotetracosane	21.41	6.8	ng	472304	5	21.76	1392630	20.0
Tetracosane	22.62	2.1	ng	148992	5	21.76	1392630	20.0
Eicosane	25.15	2.1	ng	145363	6	25.02	1390350	20.0