

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038641.D
 Acq On : 16 Dec 2018 15:25
 Operator : JU/SJ
 Sample : J6377-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD003-0006-01

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-BG121218.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	4.210	187	191	195	rBV2	16890	22806	1.28%	0.212%
2	5.144	345	350	358	rVB	25173	43561	2.44%	0.406%
3	5.608	422	429	437	rBV	490422	810671	45.36%	7.548%
4	7.118	680	686	692	rVB	20357	32444	1.82%	0.302%
5	7.212	694	702	715	rBV	508703	951953	53.26%	8.864%
6	7.588	758	766	776	rVB	468800	840418	47.02%	7.825%
7	8.058	839	846	858	rVB	86824	167029	9.35%	1.555%
8	8.381	893	901	910	rVB	346169	635787	35.57%	5.920%
9	9.239	1038	1047	1059	rBV	305481	570369	31.91%	5.311%
10	9.557	1096	1101	1107	rVB	27257	45260	2.53%	0.421%
11	10.879	1318	1326	1334	rBV	112699	213045	11.92%	1.984%
12	12.048	1521	1525	1530	rVB2	12939	17908	1.00%	0.167%
13	13.317	1731	1741	1749	rBV	772580	1256254	70.29%	11.697%
14	14.139	1876	1881	1886	rVB	42306	62719	3.51%	0.584%
15	14.698	1969	1976	1983	rVB2	183100	304773	17.05%	2.838%
16	16.184	2223	2229	2245	rBV2	619018	996466	55.76%	9.278%
17	17.441	2437	2443	2449	rBV	239157	376635	21.07%	3.507%
18	18.305	2585	2590	2596	rBV4	28192	45568	2.55%	0.424%
19	19.339	2759	2766	2773	rVB4	8391	20085	1.12%	0.187%
20	20.044	2880	2886	2898	rVB	1336151	1787220	100.00%	16.641%
21	20.320	2926	2933	2937	rBV3	33559	49992	2.80%	0.465%
22	20.597	2976	2980	2985	rVB2	30206	34430	1.93%	0.321%
23	20.749	3003	3006	3012	rBV7	14075	20381	1.14%	0.190%
24	20.920	3033	3035	3042	rVB8	14679	20391	1.14%	0.190%
25	21.072	3058	3061	3067	rVB8	13382	18066	1.01%	0.168%
26	21.319	3099	3103	3111	rBV2	34085	67598	3.78%	0.629%
27	21.719	3165	3171	3185	rVB	248222	463522	25.94%	4.316%
28	21.866	3191	3196	3200	rVB3	16745	23231	1.30%	0.216%
29	22.477	3294	3300	3304	rBV2	36382	60372	3.38%	0.562%
30	23.176	3411	3419	3427	rVB	31588	67036	3.75%	0.624%
31	23.987	3549	3557	3564	rBV	64084	142314	7.96%	1.325%
32	24.944	3711	3720	3725	rBV4	26661	72344	4.05%	0.674%
33	25.021	3725	3733	3744	rVB2	136012	396383	22.18%	3.691%
34	26.090	3907	3915	3928	rVB5	24489	79817	4.47%	0.743%

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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 >
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35	27.465	4146	4149	4158	rvB7	8866	23032	1.29%	0.214%
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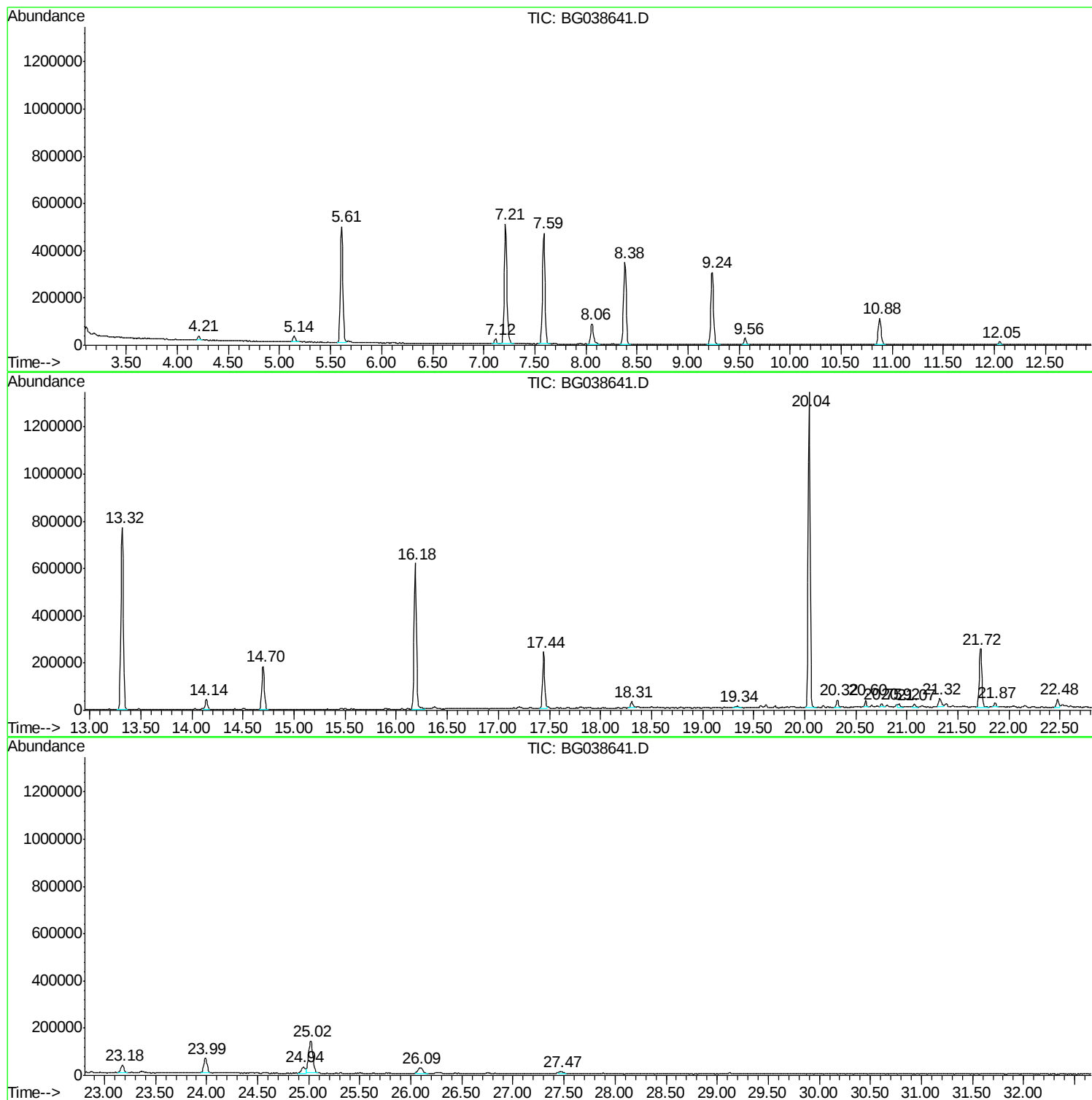
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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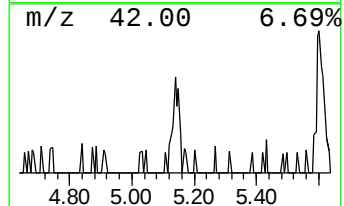
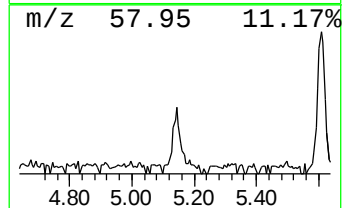
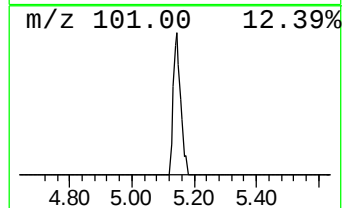
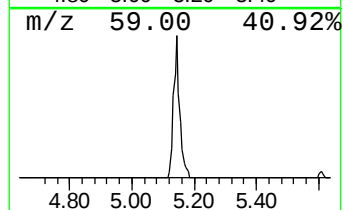
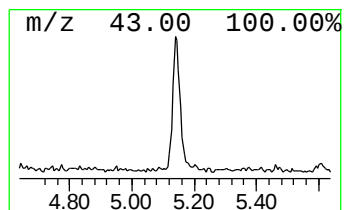
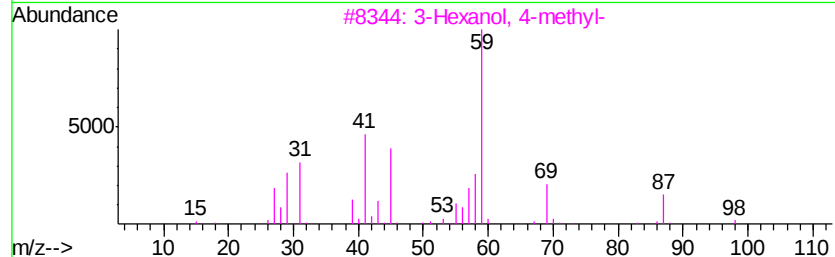
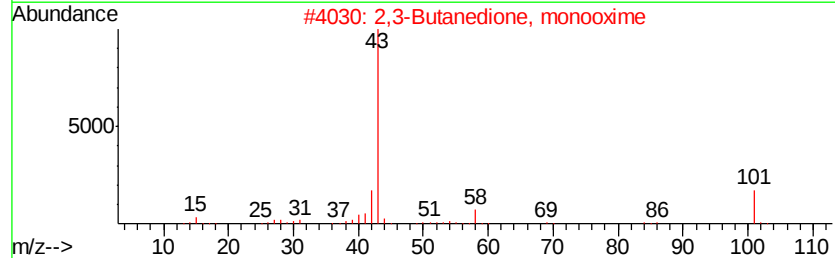
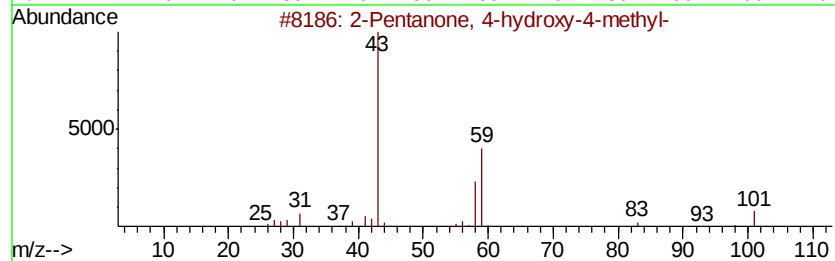
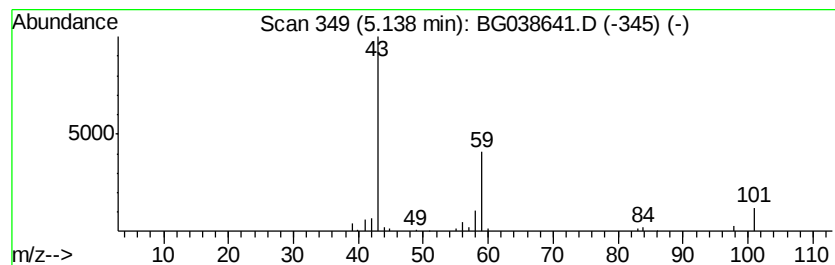
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	5.22 ng	43561	1,4-Dichlorobenzene-d4	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4		Diacetamide	101	C4H7NO2	000625-77-4	7
5		Guanidine	59	CH5N3	000113-00-8	5



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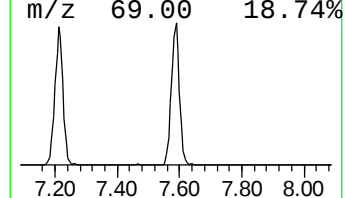
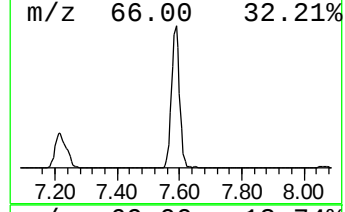
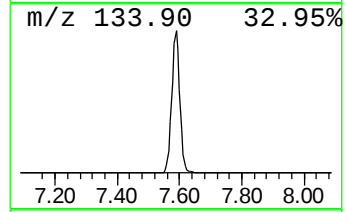
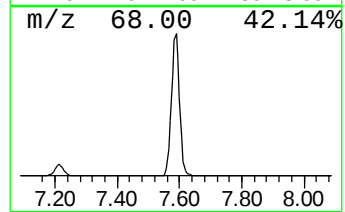
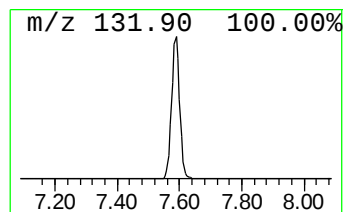
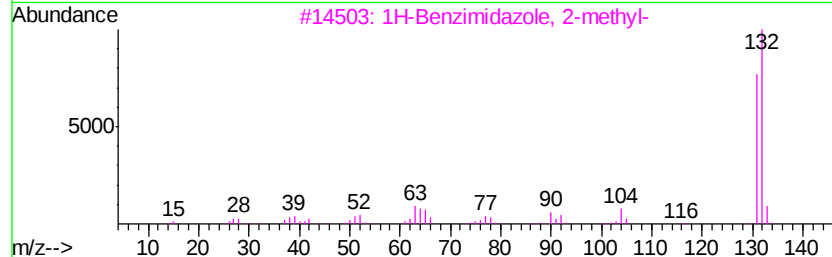
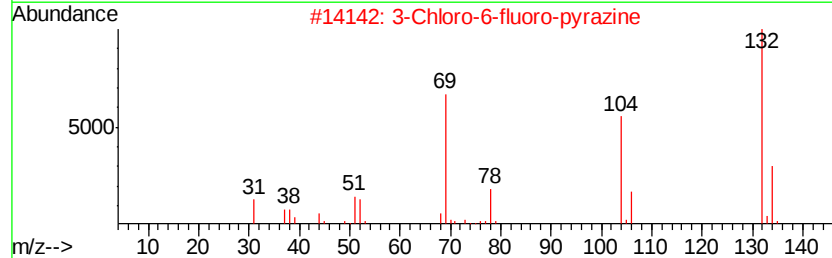
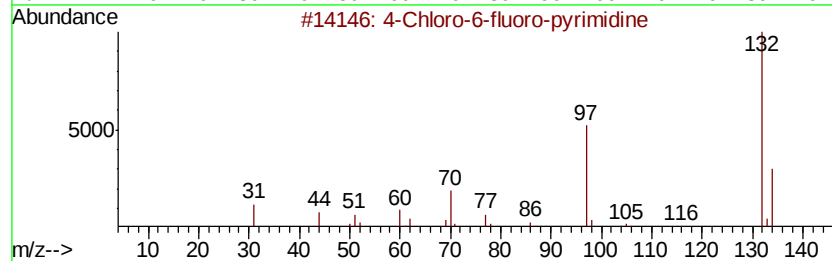
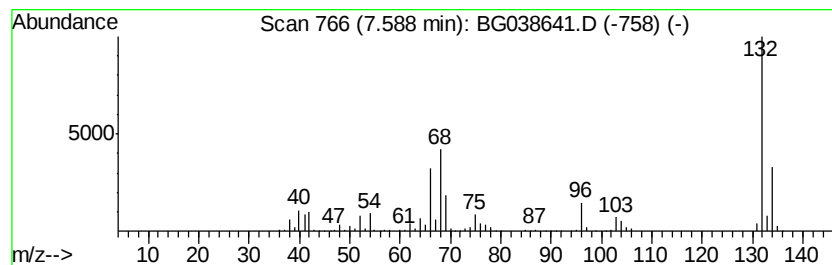
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	100.63 ng	840418	1,4-Dichlorobenzene-d4	8.06

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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	12



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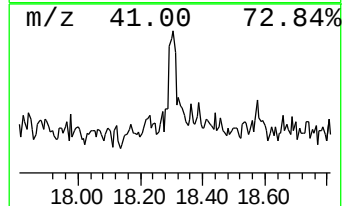
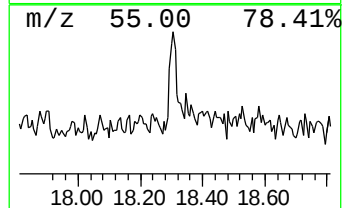
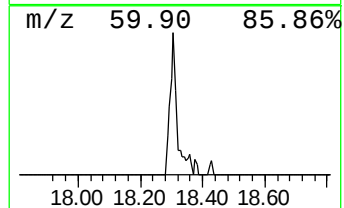
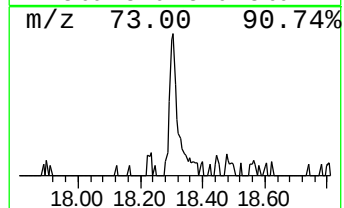
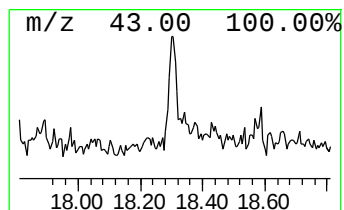
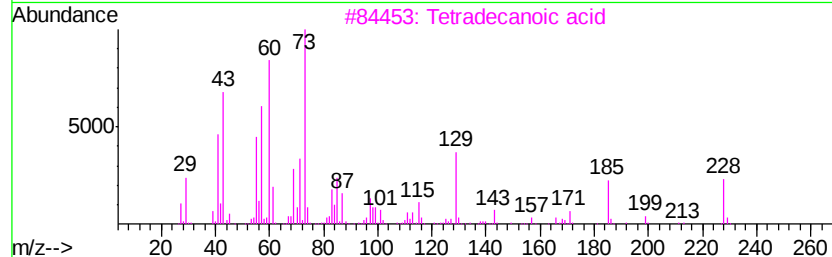
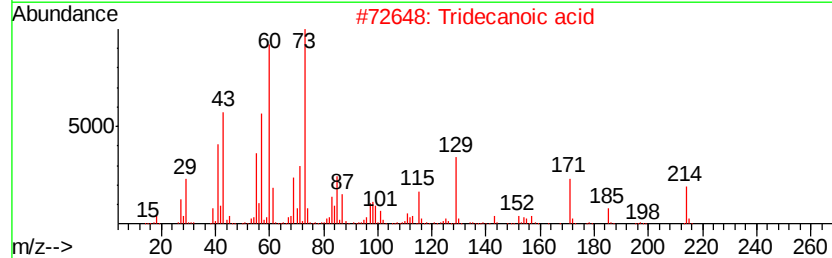
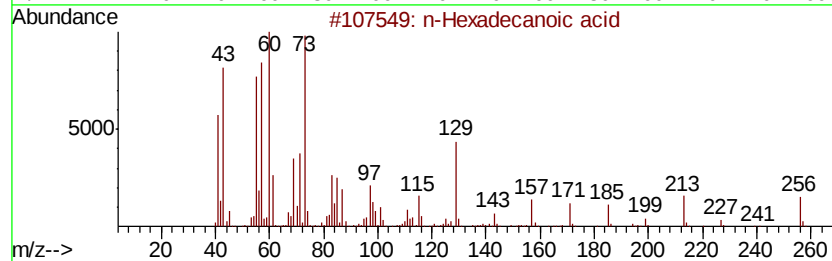
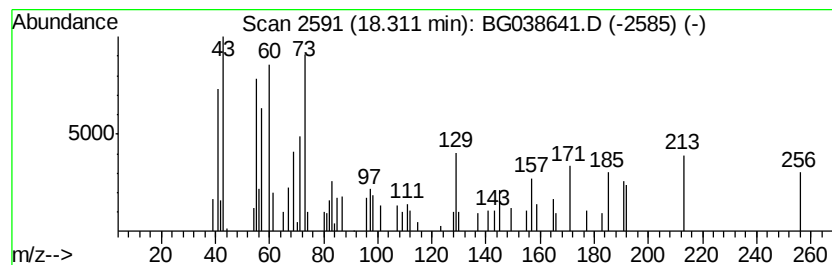
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TIC Library : C:\Database\NIST11.L
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 Peak Number 7 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.42 ng	45568	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	52
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5		n-Decanoic acid	172	C10H20O2	000334-48-5	38



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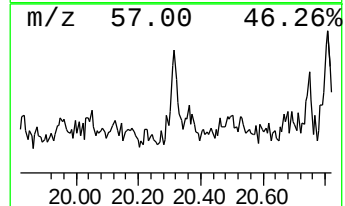
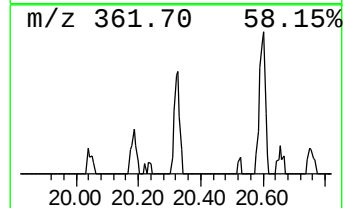
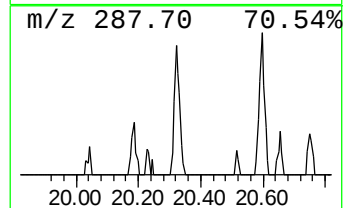
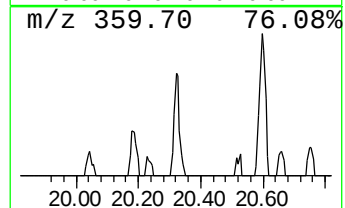
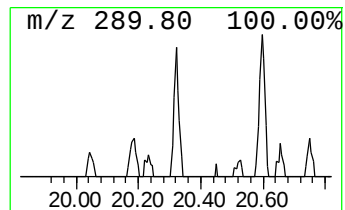
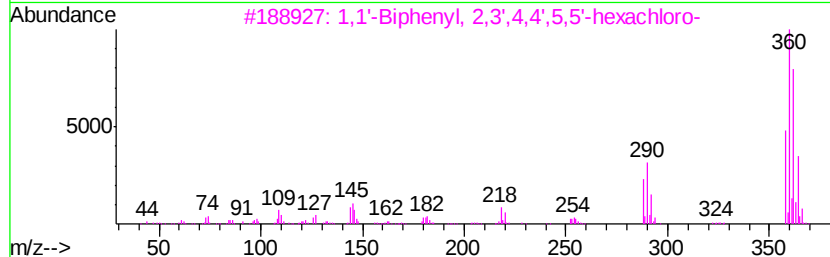
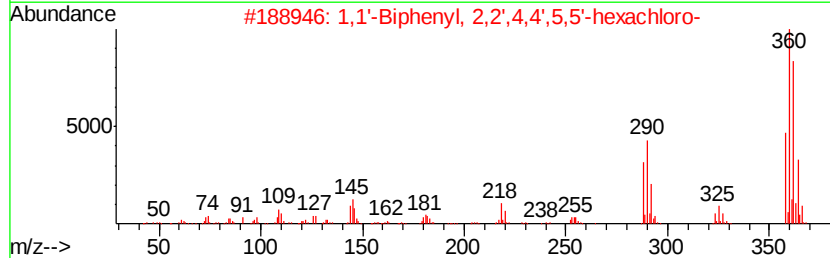
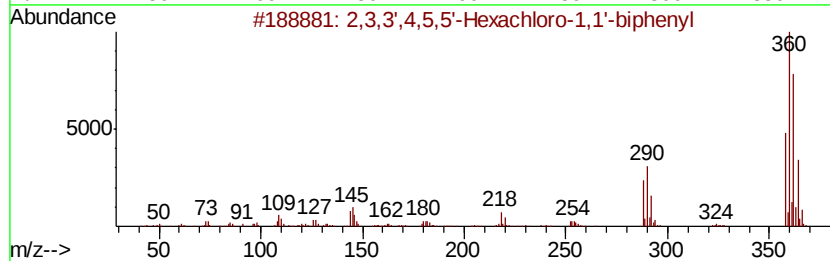
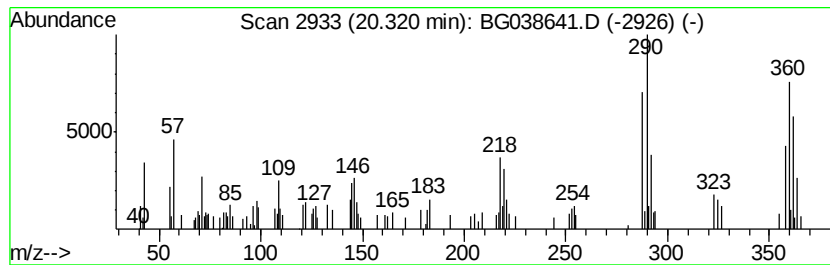
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Peak Number 8 2,3,3',4,5,5'-Hexachloro-1,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.32	2.16 ng	49992	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99
2		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99
5		2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99



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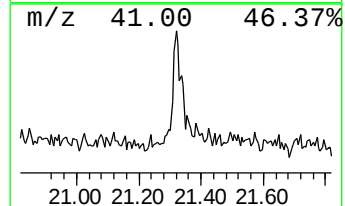
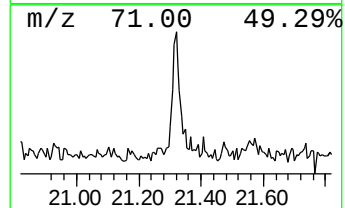
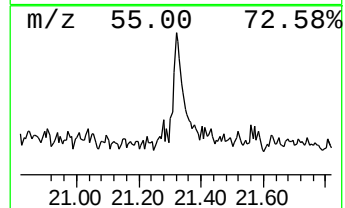
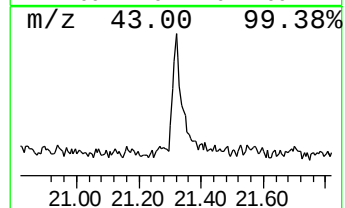
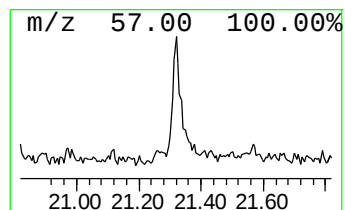
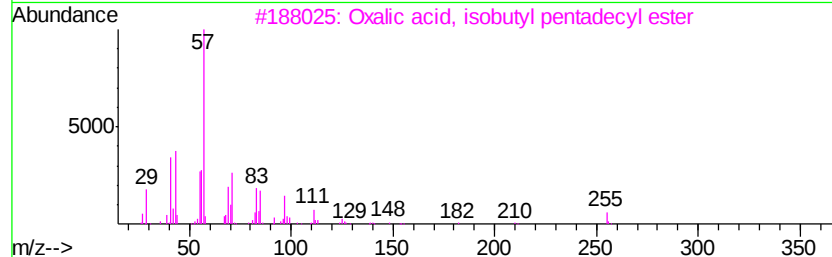
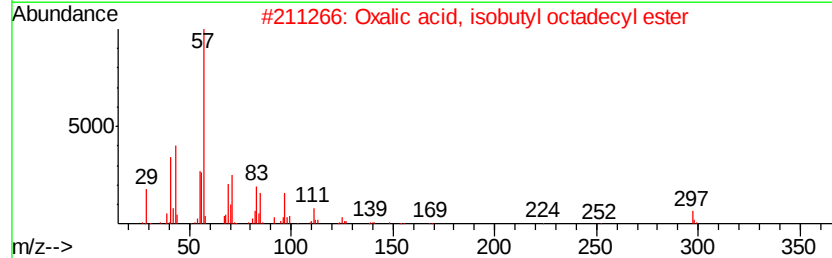
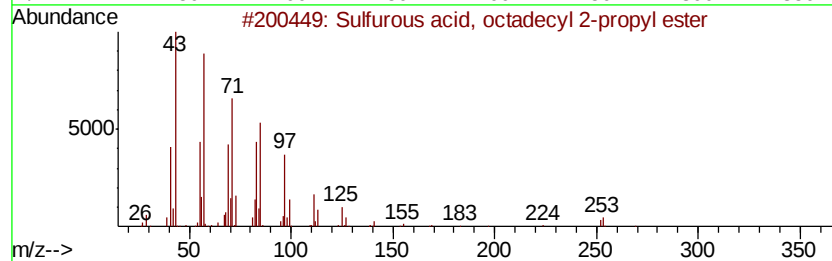
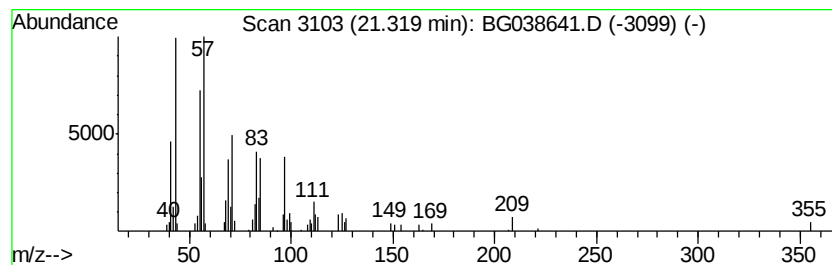
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Peak Number 9 Sulfurous acid, octadecyl 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	2.92 ng	67598	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	90
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	86
3		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	80
4		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	80
5		Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038641.D
 Acq On : 16 Dec 2018 15:25
 Operator : JU/SJ
 Sample : J6377-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 P001-SD003-0006-01

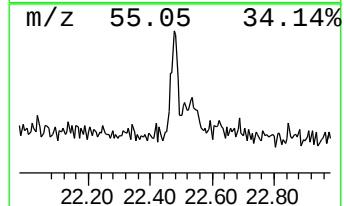
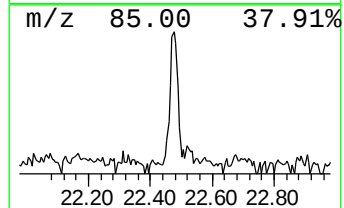
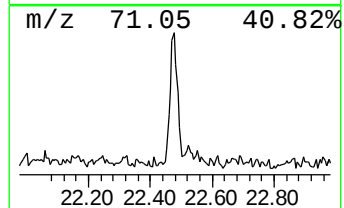
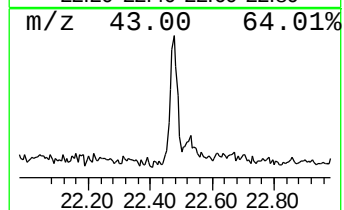
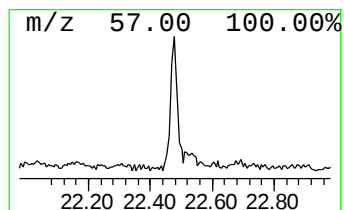
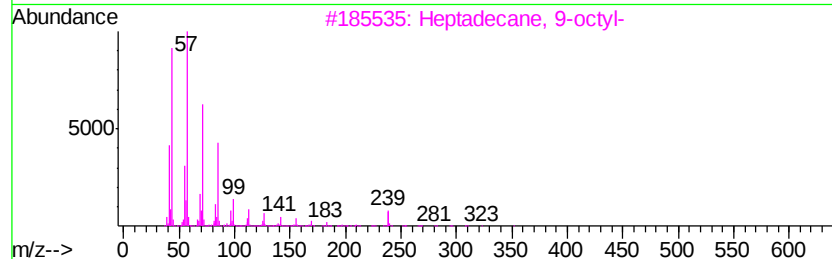
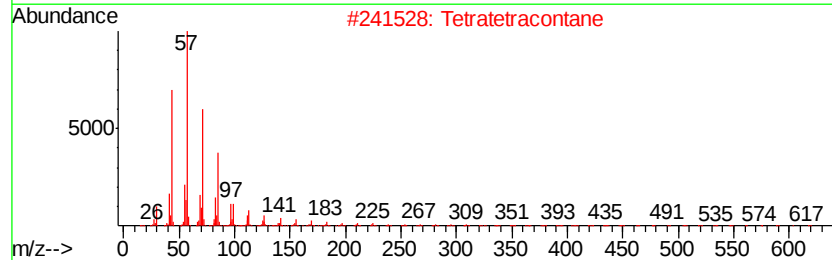
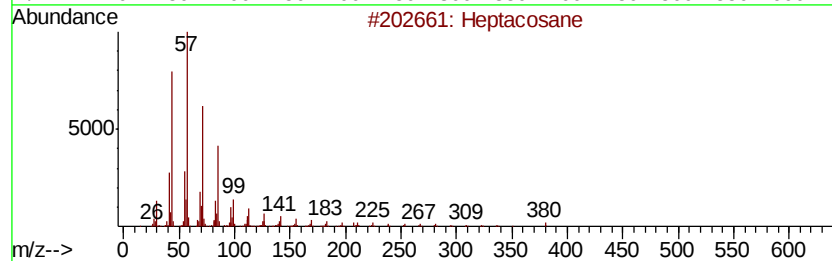
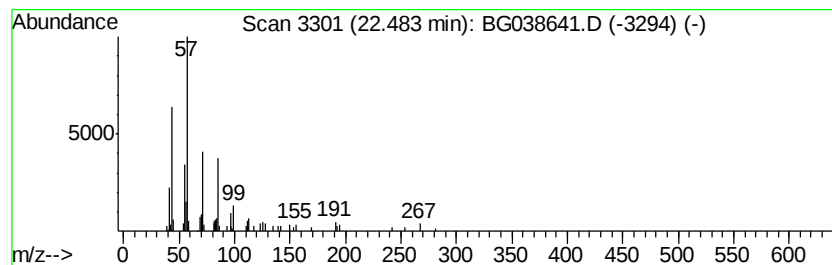
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 10 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.60 ng	60372	Chrysene-d12	21.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Tetratetracontane	619	C44H90	007098-22-8	86
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
4			Octadecane	254	C18H38	000593-45-3	86
5			Hexatriacontane	507	C36H74	000630-06-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038641.D
Acq On : 16 Dec 2018 15:25
Operator : JU/SJ
Sample : J6377-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SD003-0006-01

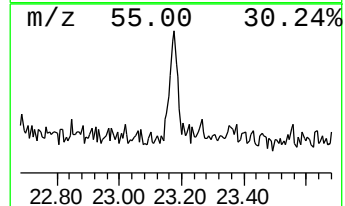
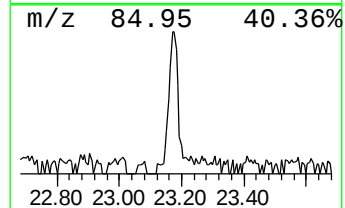
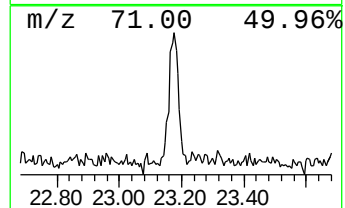
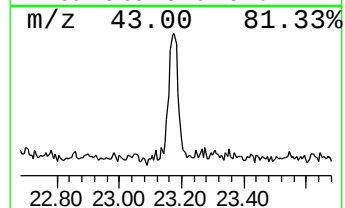
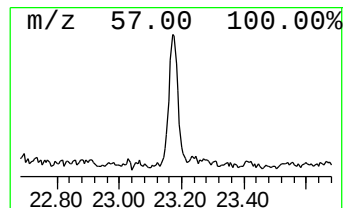
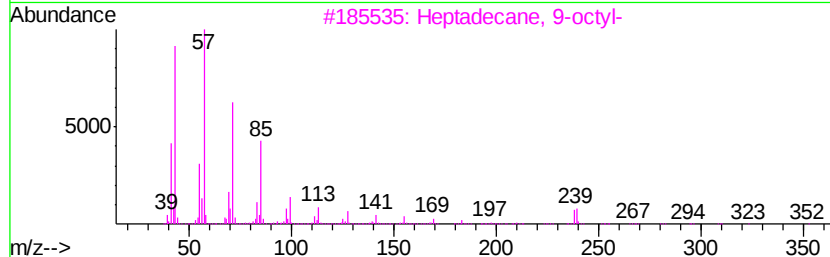
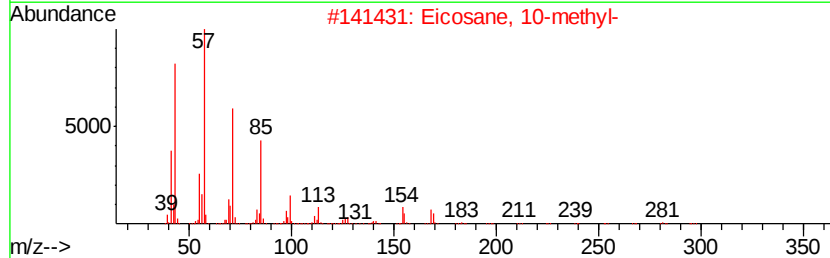
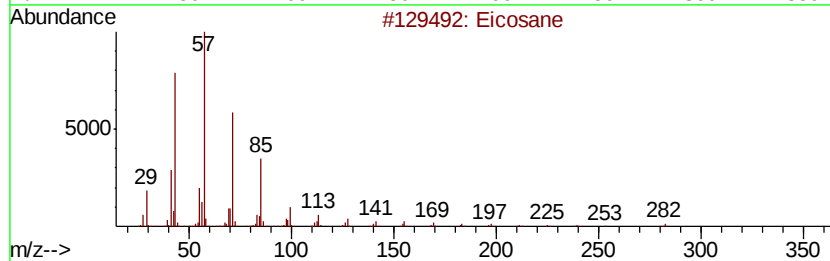
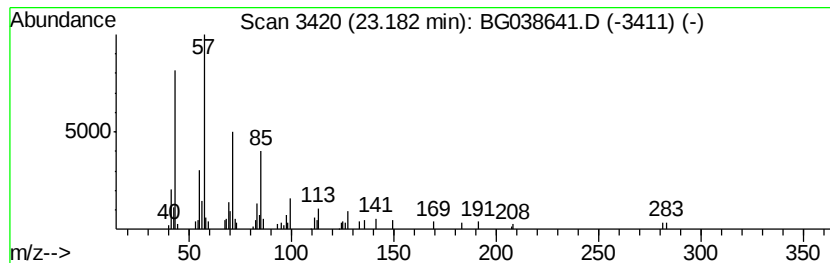
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.89 ng	67036	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Hentriacontane	437	C31H64	000630-04-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
Data File : BG038641.D
Acq On : 16 Dec 2018 15:25
Operator : JU/SJ
Sample : J6377-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SD003-0006-01

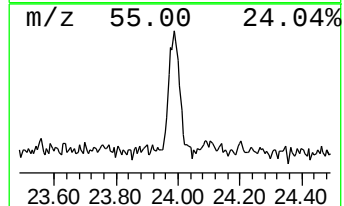
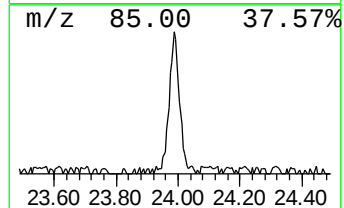
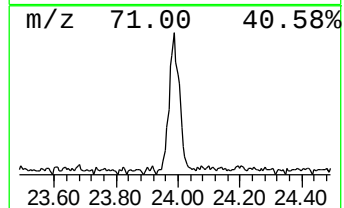
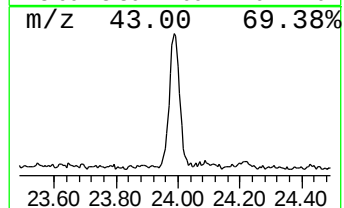
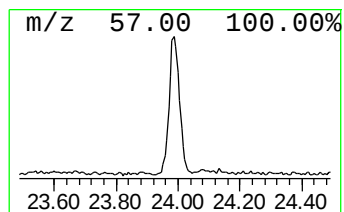
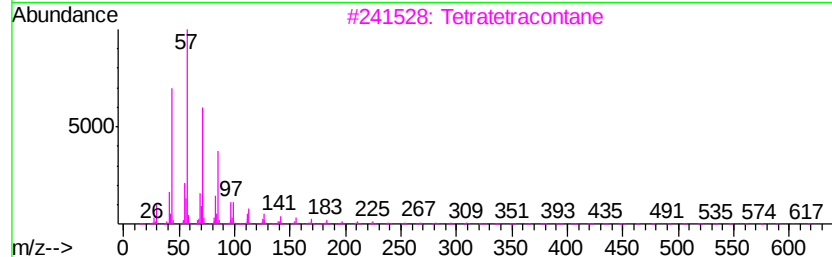
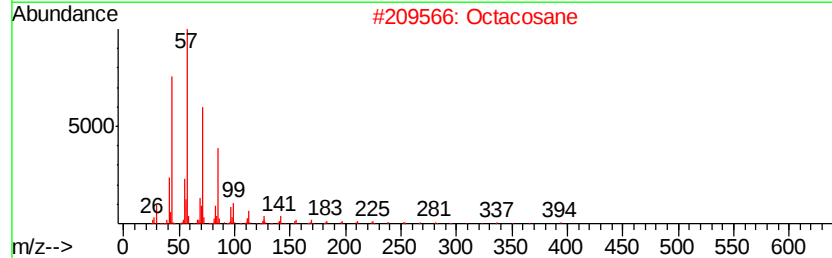
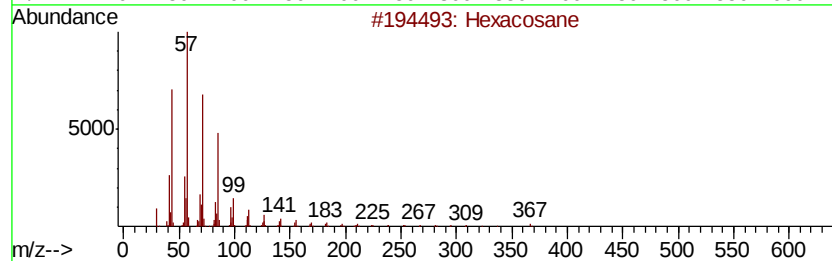
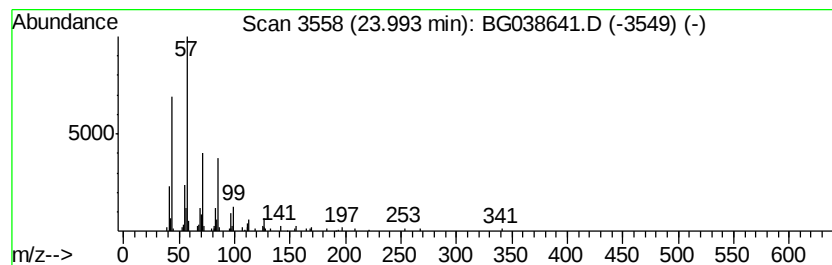
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	7.18 ng	142314	Perylene-d12	25.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Hexatriacontane	507	C36H74	000630-06-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121618\
Data File : BG038641.D
Acq On : 16 Dec 2018 15:25
Operator : JU/SJ
Sample : J6377-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SD003-0006-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
2-Pentanone, 4-hy...	5.14	5.2	ng	43561	1	8.06	167029	20.0
unknown7.59	7.59	100.6	ng	840418	1	8.06	167029	20.0
n-Hexadecanoic acid	18.31	2.4	ng	45568	4	17.44	376635	20.0
2,3,3',4,5,5'-Hex...	20.32	2.2	ng	49992	5	21.72	463522	20.0
Sulfurous acid, o...	21.32	2.9	ng	67598	5	21.72	463522	20.0
Heptacosane	22.48	2.6	ng	60372	5	21.72	463522	20.0
Eicosane	23.18	2.9	ng	67036	5	21.72	463522	20.0
Hexacosane	23.99	7.2	ng	142314	6	25.02	396383	20.0