

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033271.D
 Acq On : 20 Mar 2018 17:19
 Operator : SJ/JU
 Sample : J1980-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-2

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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	3.497	29	35	46	rBV	154914	324436	7.67%	1.716%
2	3.591	46	51	60	rVB	106445	172727	4.08%	0.914%
3	6.311	508	514	532	rBV	236203	536757	12.69%	2.839%
4	7.997	794	801	817	rBV	135207	374908	8.86%	1.983%
5	8.403	862	870	886	rBV	566720	1189922	28.13%	6.294%
6	8.890	946	953	966	rBV	115225	271767	6.42%	1.438%
7	9.225	1001	1010	1028	rBV	541846	1121151	26.50%	5.931%
8	10.095	1148	1158	1180	rBV	457405	1076492	25.45%	5.694%
9	11.775	1437	1444	1460	rBV	190576	406939	9.62%	2.153%
10	14.137	1839	1846	1860	rBV	1499471	2541693	60.08%	13.445%
11	14.924	1975	1980	1986	rBV	49892	78543	1.86%	0.415%
12	15.336	2045	2050	2054	rBV2	33086	48465	1.15%	0.256%
13	15.512	2072	2080	2089	rBV2	354711	638016	15.08%	3.375%
14	16.270	2205	2209	2217	rBV	52726	77194	1.82%	0.408%
15	16.981	2323	2330	2347	rBV	1336601	2299292	54.35%	12.163%
16	17.128	2351	2355	2366	rVV2	49457	91094	2.15%	0.482%
17	18.238	2538	2544	2555	rBV	500233	862085	20.38%	4.560%
18	19.037	2675	2680	2687	rBV	216247	320430	7.57%	1.695%
19	20.265	2886	2889	2897	rBV2	80586	129928	3.07%	0.687%
20	20.759	2967	2973	2984	rBV	3043812	4230226	100.00%	22.377%
21	22.104	3198	3202	3214	rBV3	117294	243559	5.76%	1.288%
22	22.598	3278	3286	3296	rBV2	486913	960024	22.69%	5.078%
23	26.387	3920	3931	3947	rVB	259430	908642	21.48%	4.807%

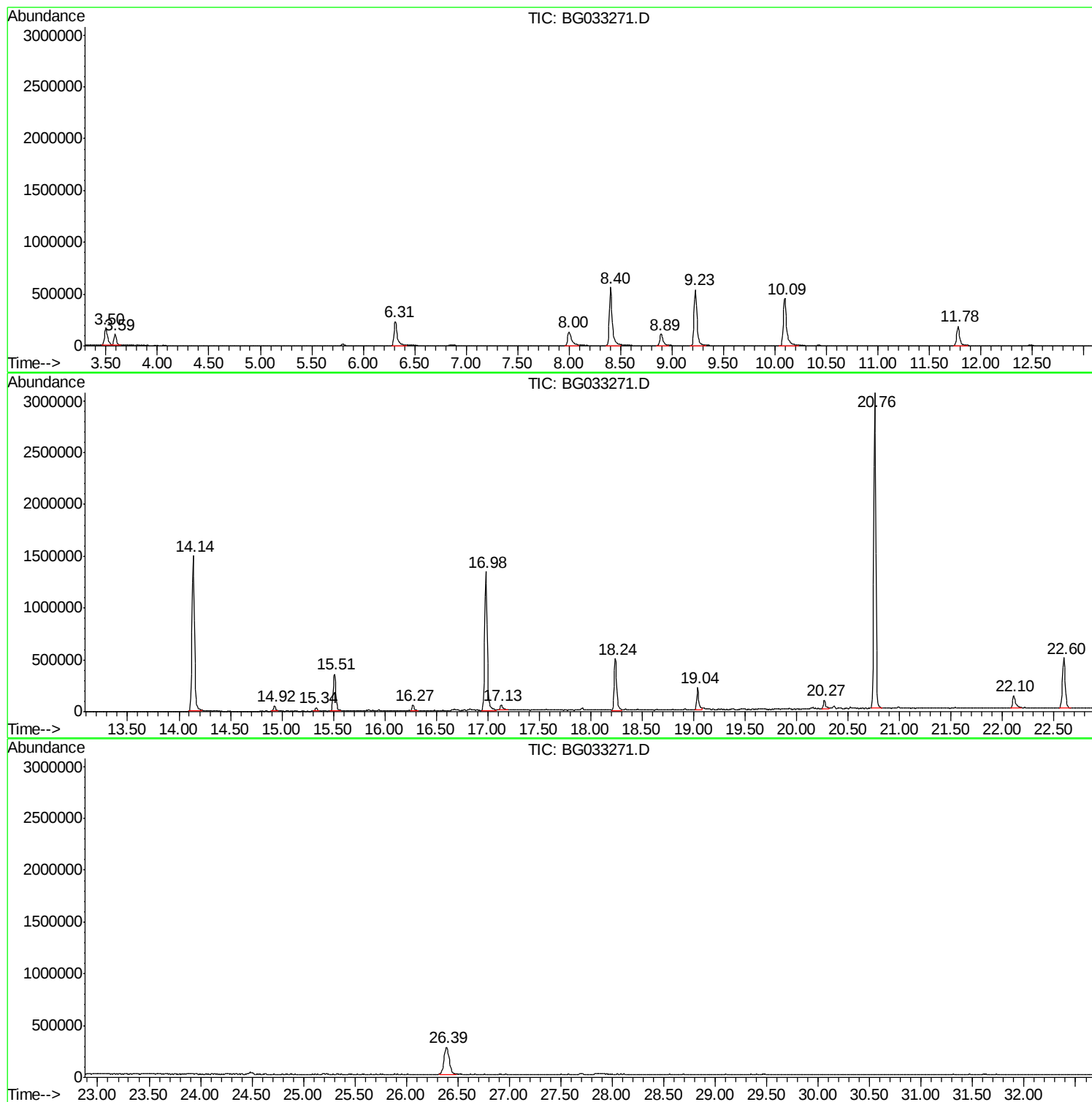
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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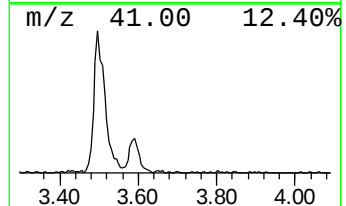
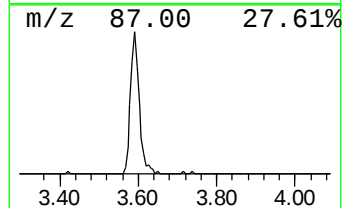
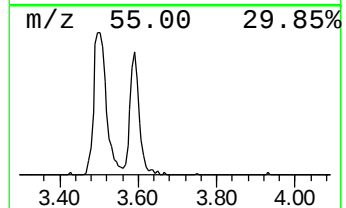
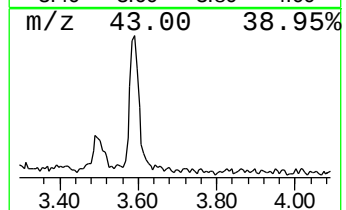
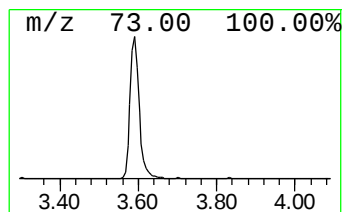
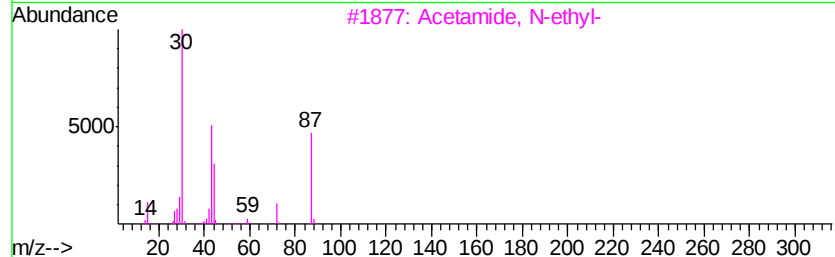
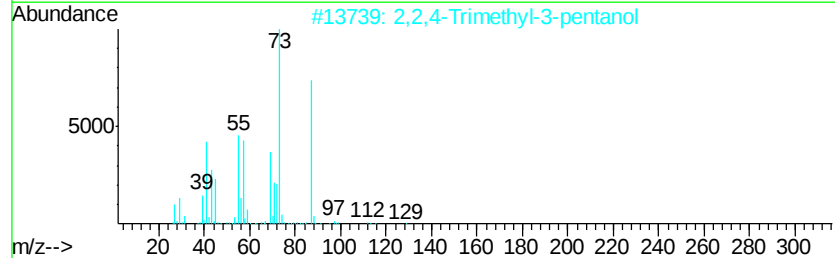
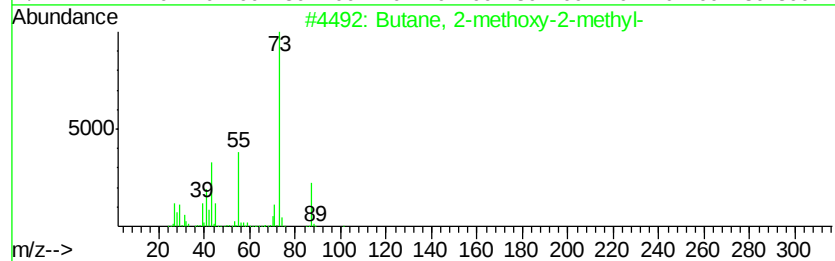
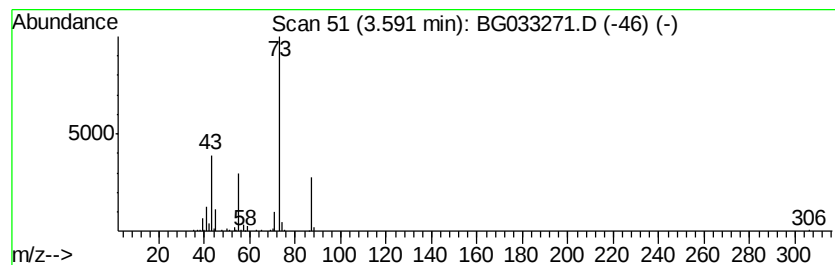
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.59	12.71 ng	172727	1,4-Dichlorobenzene-d4	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9



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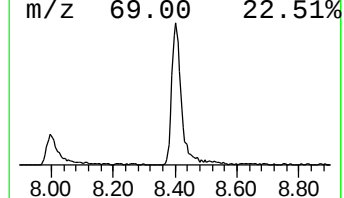
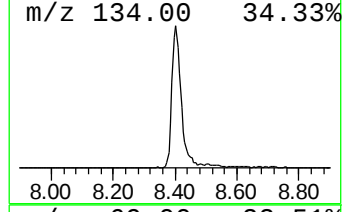
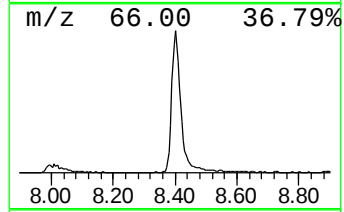
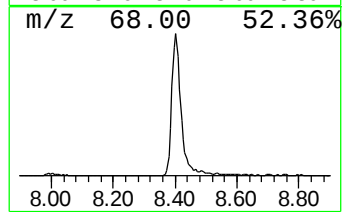
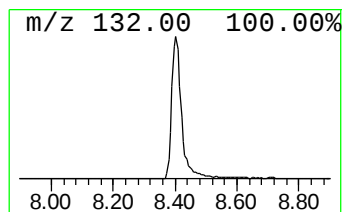
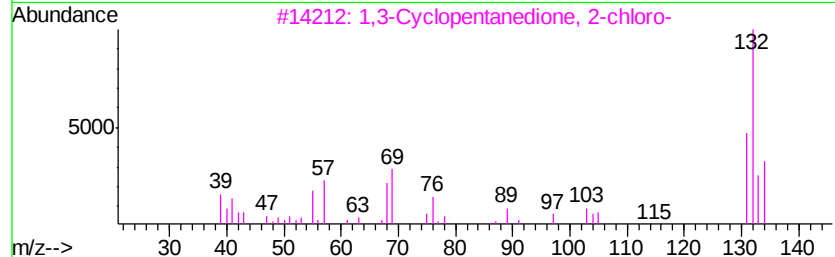
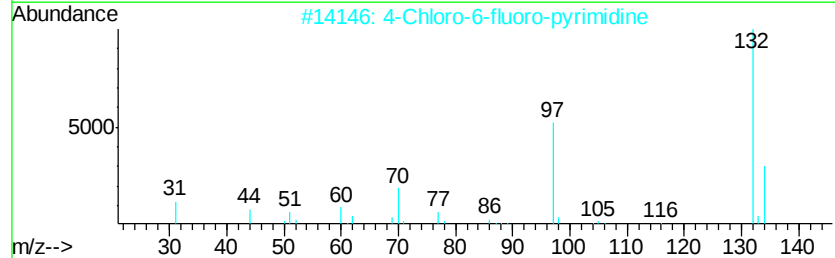
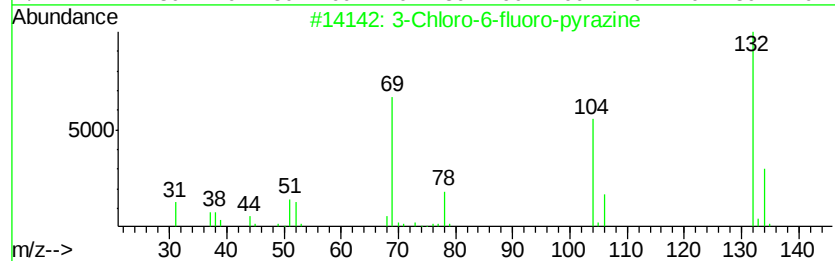
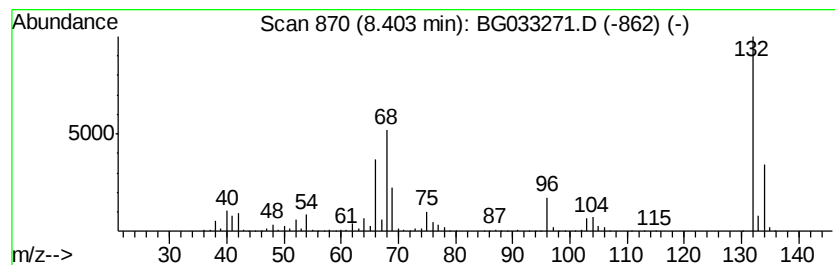
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Peak Number 3 unknown8.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	87.57 ng	1189920	1,4-Dichlorobenzene-d4	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



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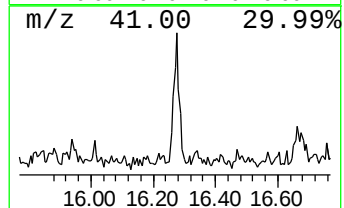
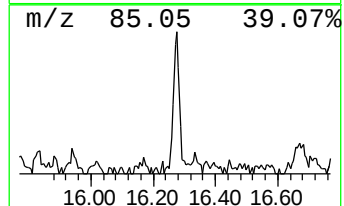
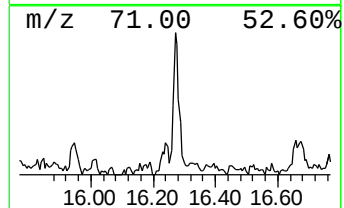
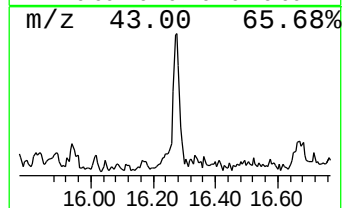
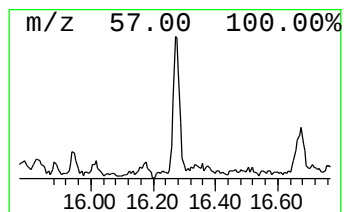
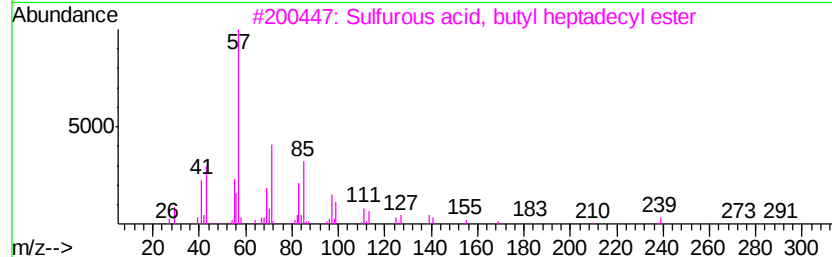
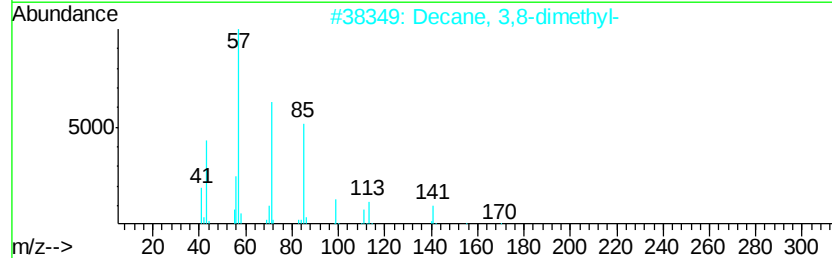
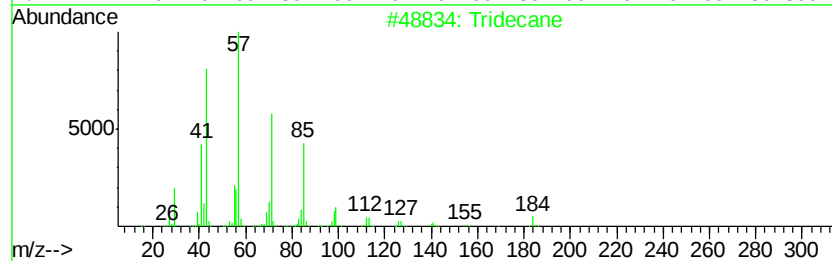
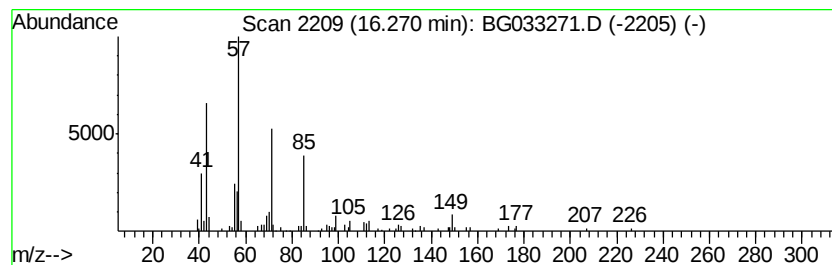
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Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.27	2.42 ng	77194	Acenaphthene-d10		15.51
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	78
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	72
4	Tetradecane	198	C14H30	000629-59-4	64
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	64



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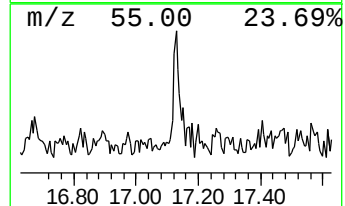
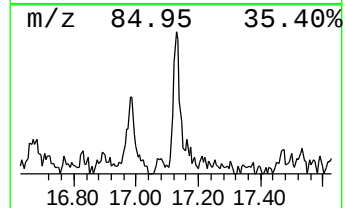
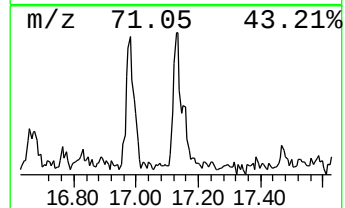
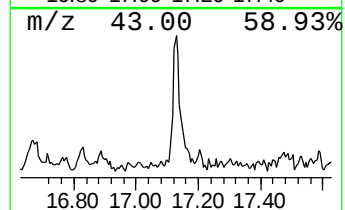
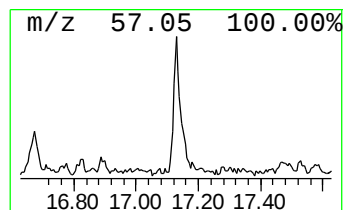
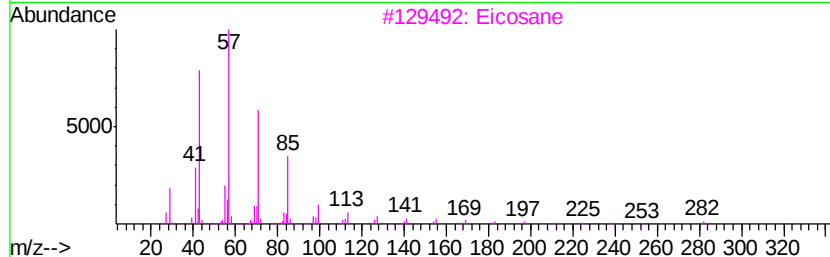
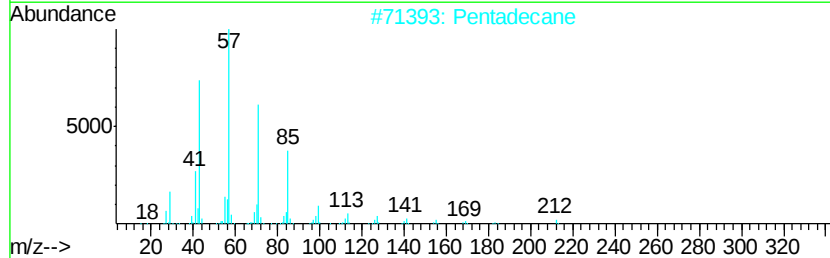
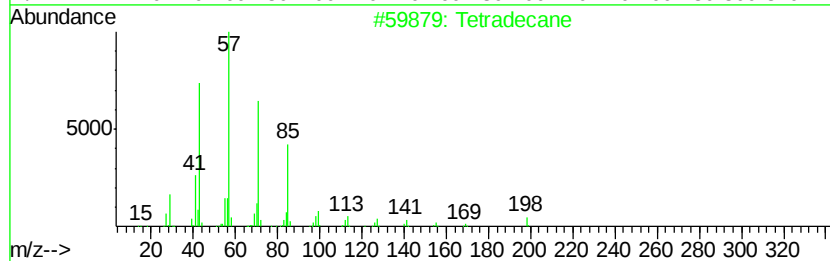
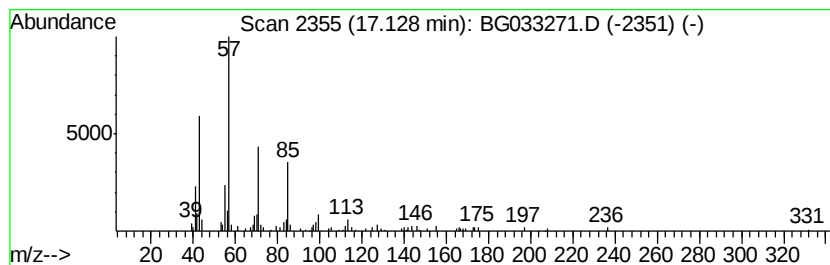
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Peak Number 6 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	2.11 ng	91094	Phenanthrene-d10	18.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	87
2		Pentadecane	212	C15H32	000629-62-9	87
3		Eicosane	282	C20H42	000112-95-8	80
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	76
5		Heptadecane	240	C17H36	000629-78-7	72



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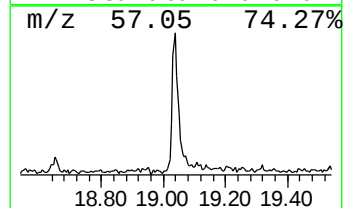
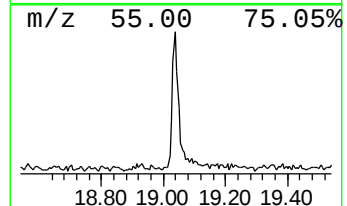
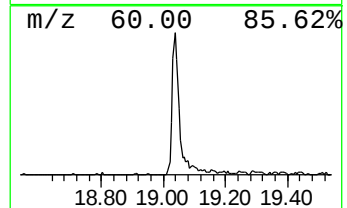
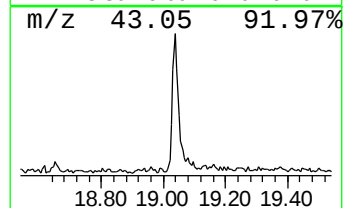
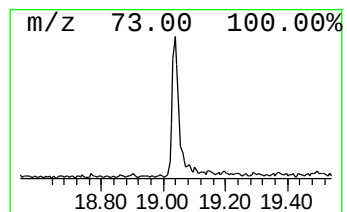
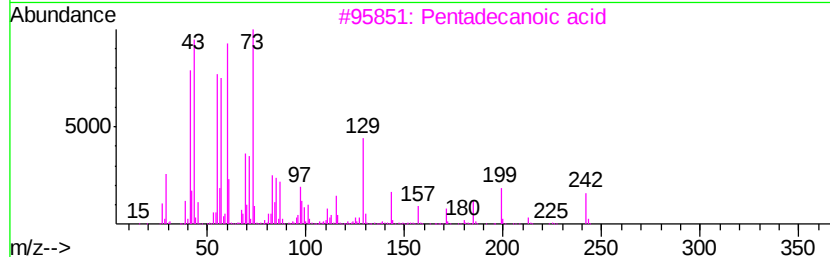
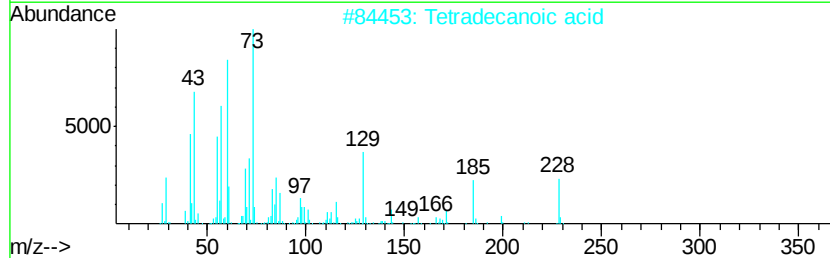
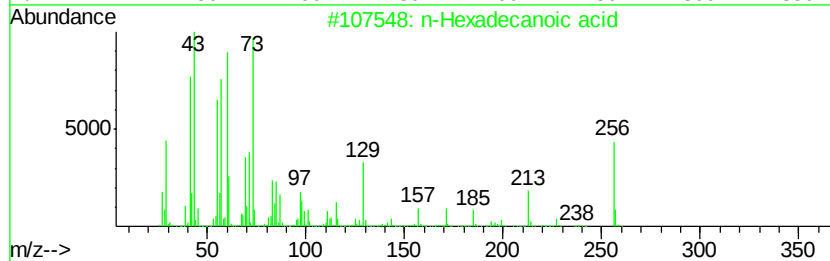
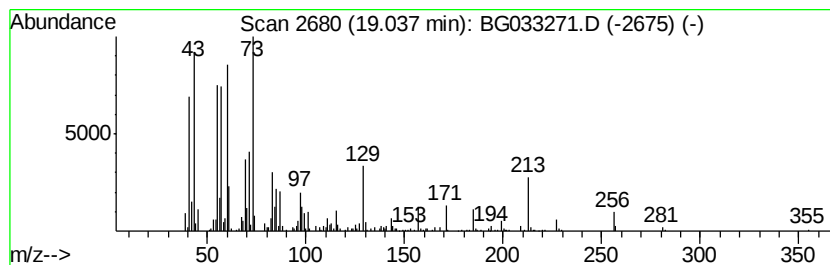
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Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	7.43 ng	320430	Phenanthrene-d10	18.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	62
5		Octadecanoic acid	284	C18H36O2	000057-11-4	53



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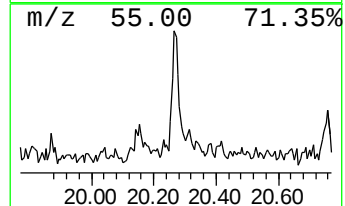
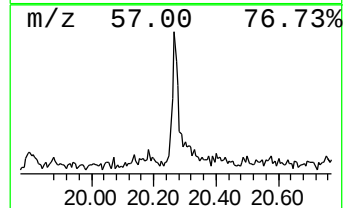
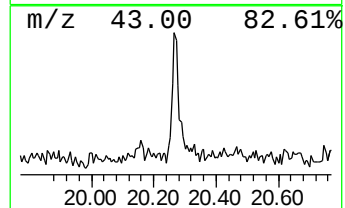
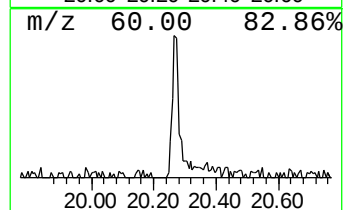
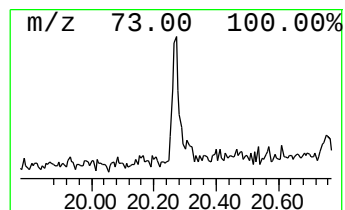
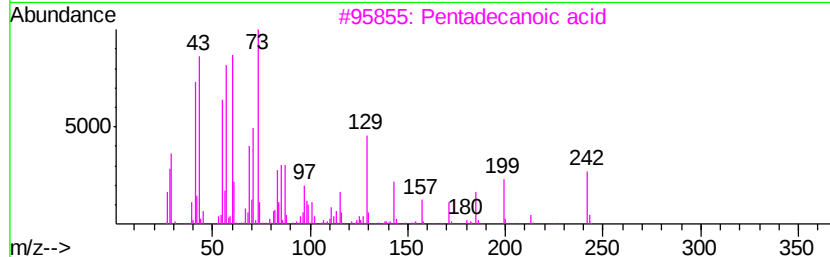
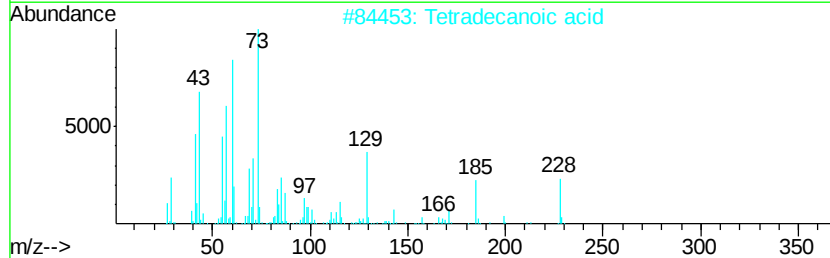
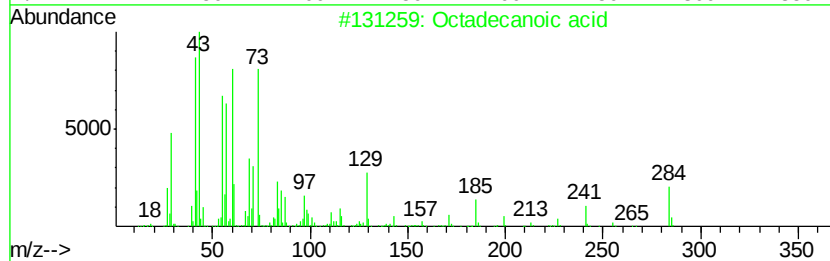
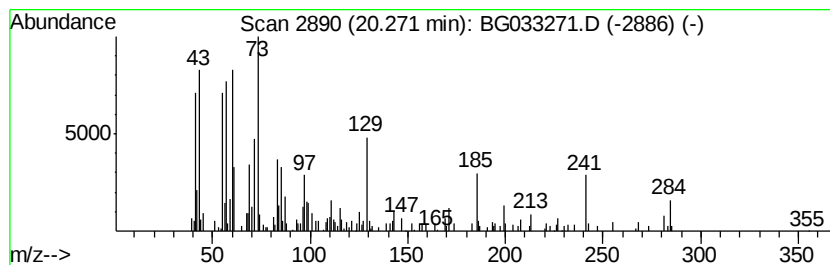
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.27	3.01 ng	129928	Phenanthrene-d10	18.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033271.D
Acq On : 20 Mar 2018 17:19
Operator : SJ/JU
Sample : J1980-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-2

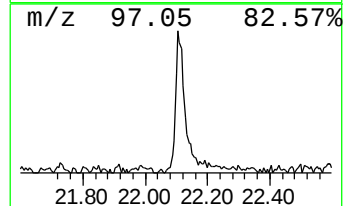
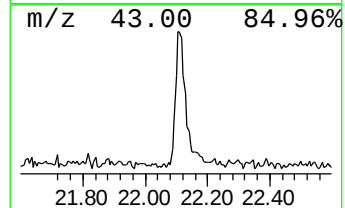
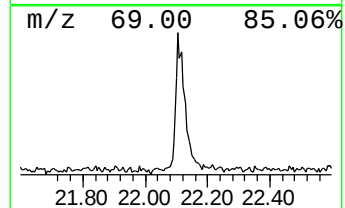
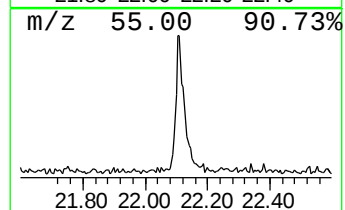
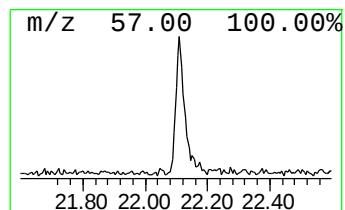
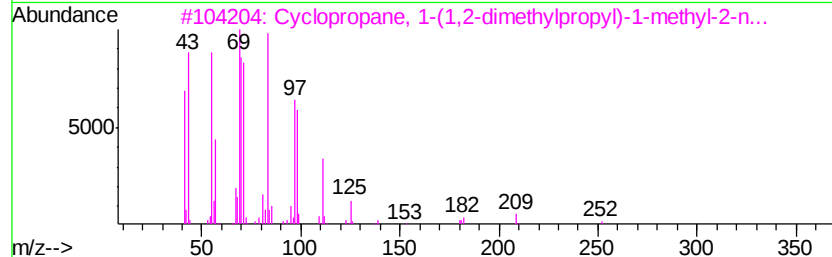
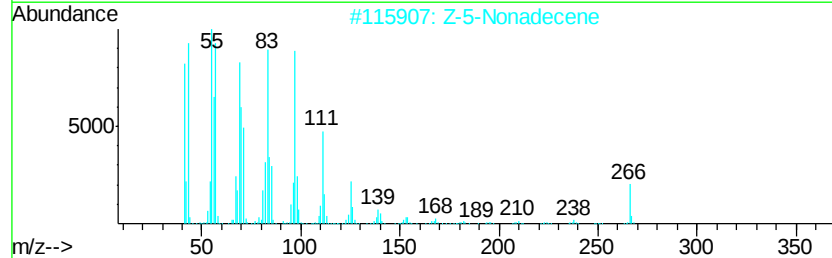
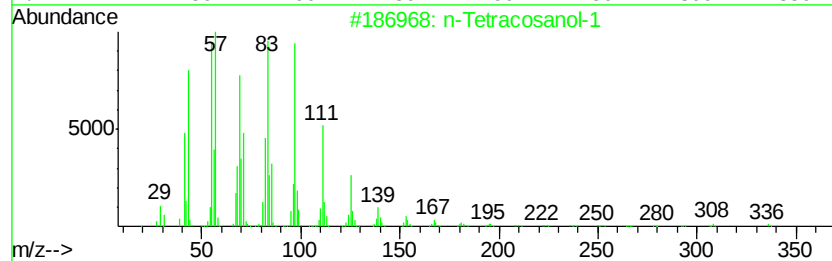
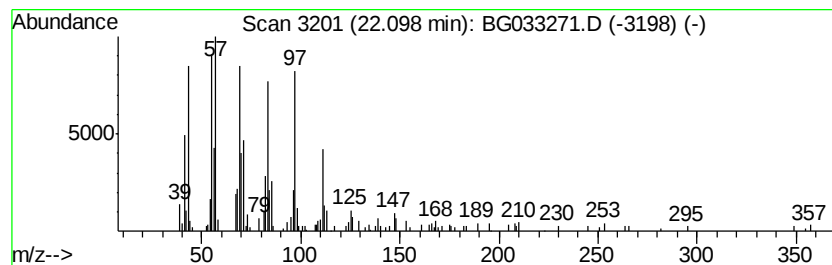
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Tetracosanol-1 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	5.07 ng	243559	Chrysene-d12	22.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2		Z-5-Nonadecene	266	C19H38	1000131-11-8	91
3		Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	90
4		Cycloeicosane	280	C20H40	000296-56-0	90
5		Behenic alcohol	326	C22H46O	000661-19-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032018\
Data File : BG033271.D
Acq On : 20 Mar 2018 17:19
Operator : SJ/JU
Sample : J1980-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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...	3.59	12.7	ng	172727	1	8.89	271767	20.0
unknown8.40	8.40	87.6	ng	1189920	1	8.89	271767	20.0
Tridecane	16.27	2.4	ng	77194	3	15.51	638016	20.0
Tetradecane	17.13	2.1	ng	91094	4	18.24	862085	20.0
n-Hexadecanoic acid	19.04	7.4	ng	320430	4	18.24	862085	20.0
Octadecanoic acid	20.27	3.0	ng	129928	4	18.24	862085	20.0
n-Tetracosanol-1	22.10	5.1	ng	243559	5	22.60	960024	20.0