

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033597.D
 Acq On : 5 Apr 2018 17:56
 Operator : SJ/JU
 Sample : J2216-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-MW25S-GW

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-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	3.476	25	32	43	rBV2	187068	398797	11.92%	2.049%
2	3.570	43	48	60	rVB	146294	241599	7.22%	1.241%
3	5.773	416	423	430	rBV	22274	37998	1.14%	0.195%
4	6.284	504	510	534	rBV	256830	601232	17.96%	3.089%
5	7.977	792	798	820	rBV	177417	505577	15.11%	2.598%
6	8.370	858	865	885	rBV	562194	1212009	36.21%	6.227%
7	8.858	942	948	962	rBV	96790	239525	7.16%	1.231%
8	9.193	997	1005	1021	rBV	512748	1043775	31.19%	5.363%
9	10.057	1145	1152	1172	rBV	421769	998355	29.83%	5.130%
10	11.743	1430	1439	1450	rBV2	178869	414624	12.39%	2.130%
11	12.589	1577	1583	1590	rVB4	29360	52788	1.58%	0.271%
12	14.105	1832	1841	1860	rBV	1514690	2586886	77.29%	13.291%
13	14.252	1862	1866	1871	rVV3	23951	43272	1.29%	0.222%
14	14.540	1910	1915	1922	rBV2	84517	140423	4.20%	0.721%
15	14.610	1922	1927	1934	rVB4	59655	99598	2.98%	0.512%
16	14.722	1941	1946	1953	rBV2	123816	194317	5.81%	0.998%
17	14.898	1969	1976	1988	rBV	99939	180503	5.39%	0.927%
18	15.303	2040	2045	2049	rBV	69306	90825	2.71%	0.467%
19	15.474	2066	2074	2083	rBV3	369053	698431	20.87%	3.589%
20	15.585	2088	2093	2098	rVB8	29957	57415	1.72%	0.295%
21	15.950	2152	2155	2165	rBV3	36955	69279	2.07%	0.356%
22	16.055	2167	2173	2183	rVV10	29668	80288	2.40%	0.413%
23	16.243	2200	2205	2209	rVB2	95229	129692	3.88%	0.666%
24	16.948	2319	2325	2337	rBV	1235938	2018926	60.32%	10.373%
25	17.095	2346	2350	2358	rBV	70856	112142	3.35%	0.576%
26	17.401	2398	2402	2411	rBV	21166	54105	1.62%	0.278%
27	17.665	2442	2447	2451	rBV6	26136	40580	1.21%	0.209%
28	17.883	2478	2484	2488	rBV2	34070	55186	1.65%	0.284%
29	18.206	2533	2539	2549	rBV2	458908	784989	23.45%	4.033%
30	19.005	2671	2675	2693	rBV	293592	498669	14.90%	2.562%
31	20.127	2859	2866	2871	rBV8	29352	74216	2.22%	0.381%
32	20.239	2881	2885	2894	rBV	162716	238304	7.12%	1.224%
33	20.726	2962	2968	2984	rBV	2452761	3346842	100.00%	17.196%
34	22.072	3192	3197	3209	rBV2	197333	419819	12.54%	2.157%

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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

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35	22.554	3272	3279	3290	rBV2	438563	886676	26.49%	4.556%
36	26.308	3908	3918	3936	rVB2	238447	815081	24.35%	4.188%

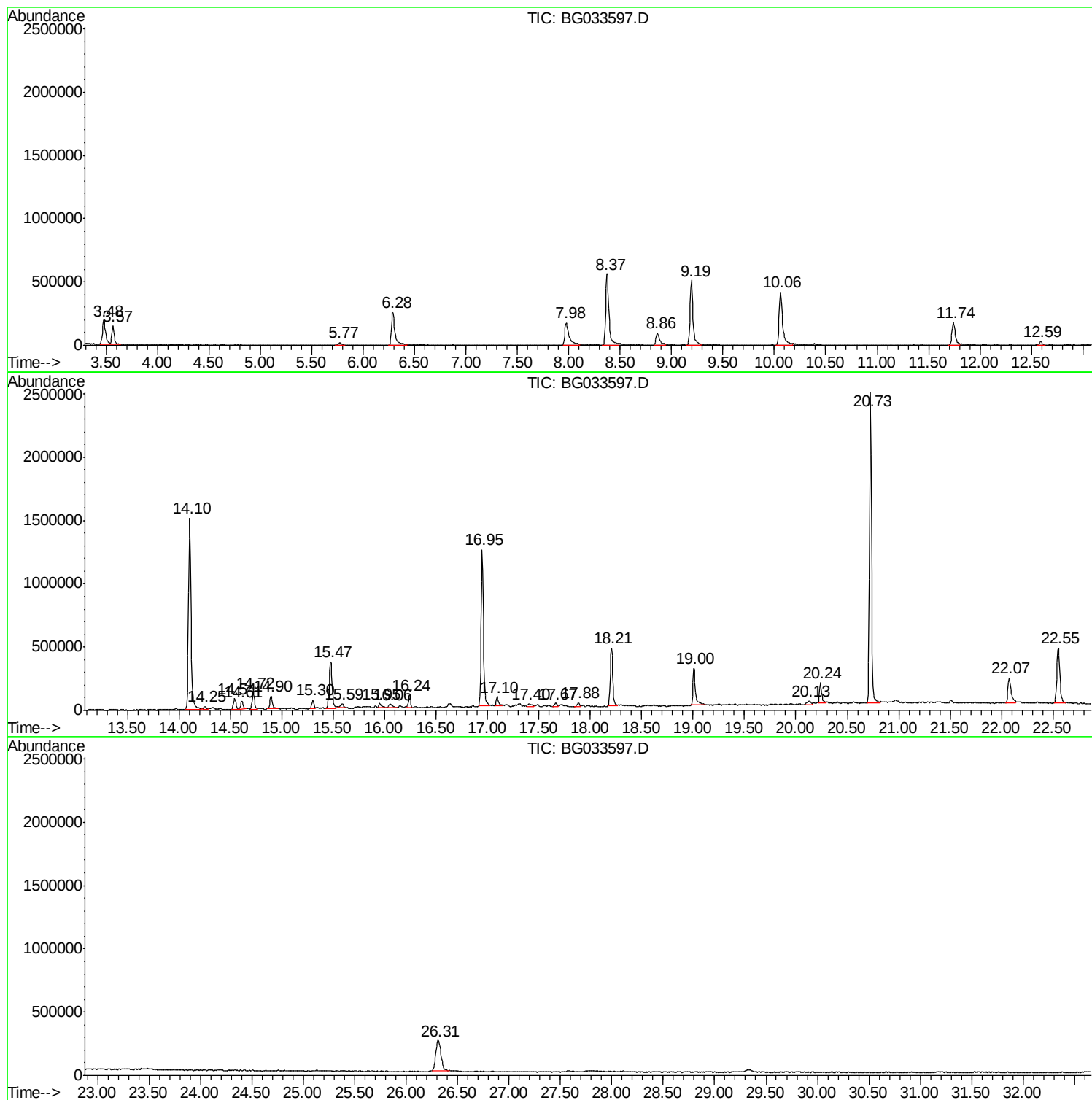
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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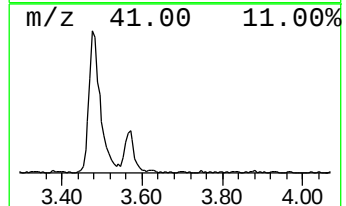
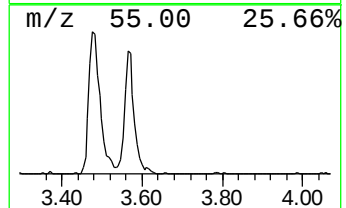
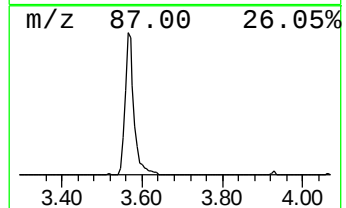
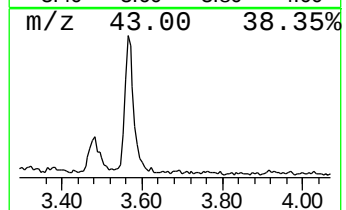
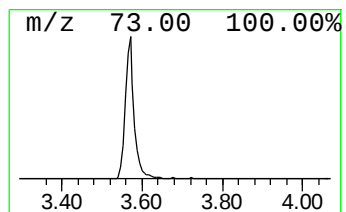
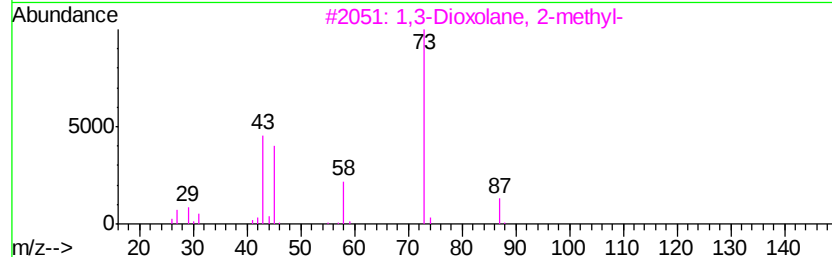
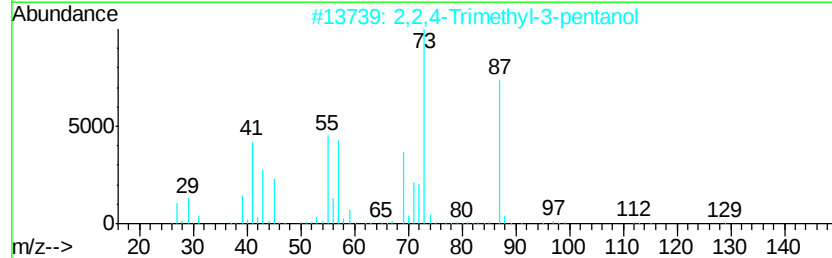
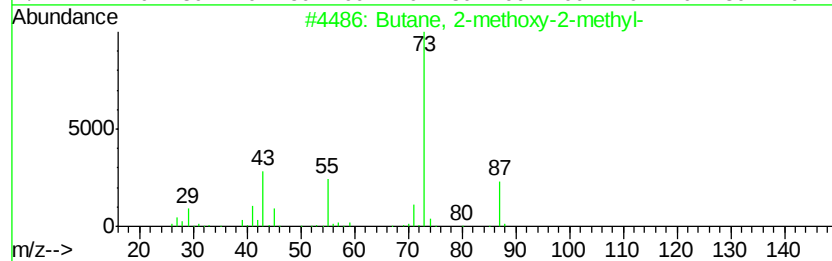
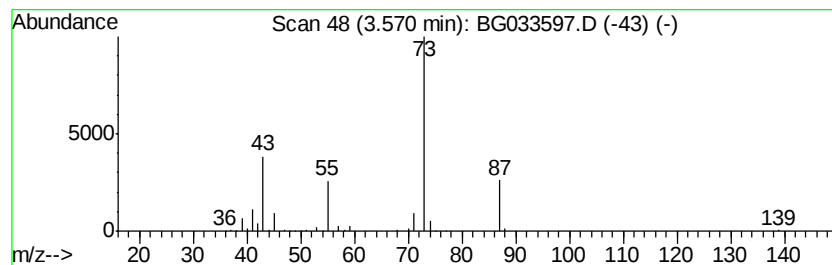
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.57	20.17 ng	241599	1,4-Dichlorobenzene-d4	8.86

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	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		N-Ethylformamide	73	C3H7NO	000627-45-2	9



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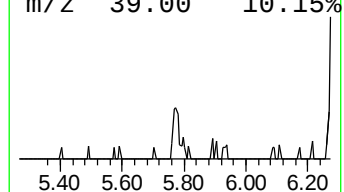
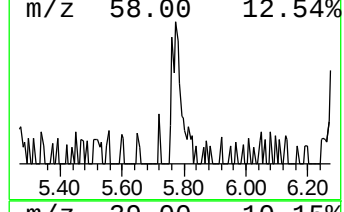
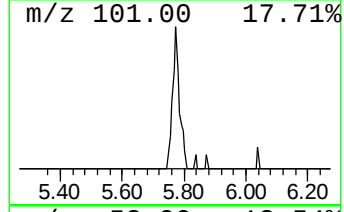
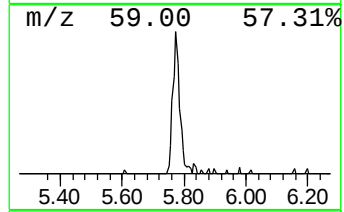
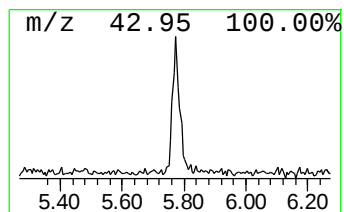
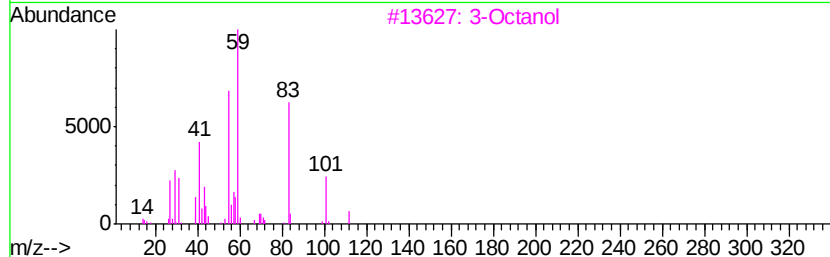
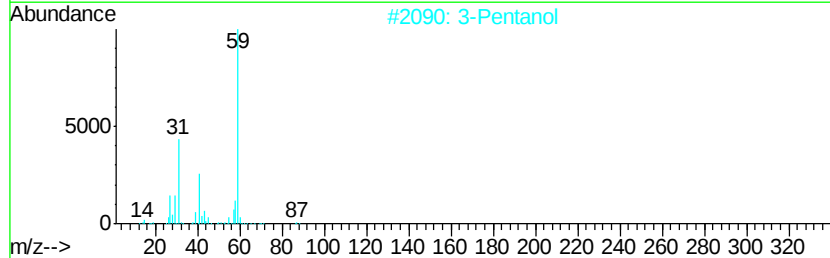
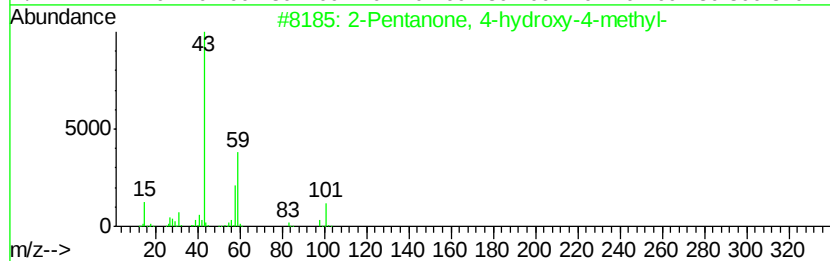
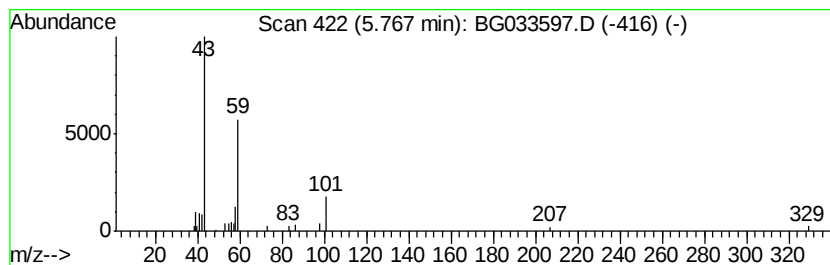
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	3.17 ng	37998	1,4-Dichlorobenzene-d4	8.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			3-Pentanol	88	C5H12O	000584-02-1	37
3			3-Octanol	130	C8H18O	000589-98-0	36
4			3-Heptadecanol	256	C17H36O	084534-30-5	25
5			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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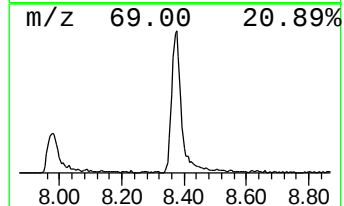
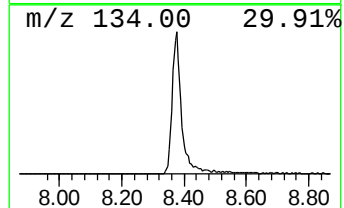
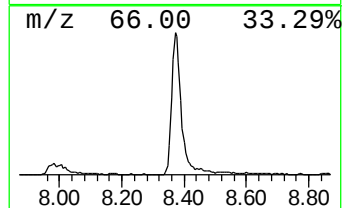
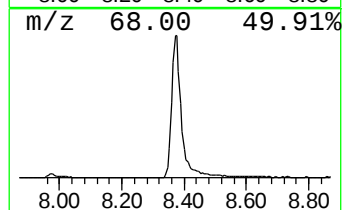
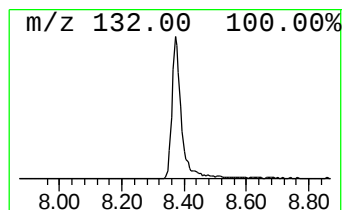
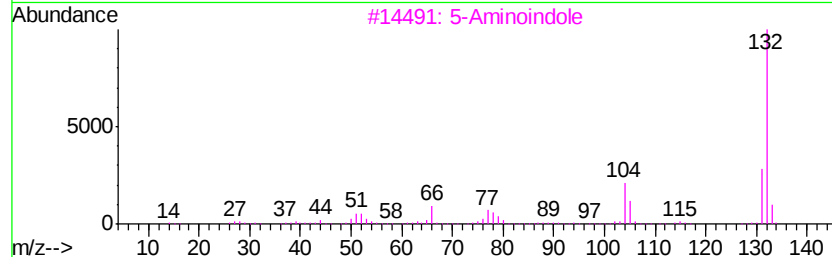
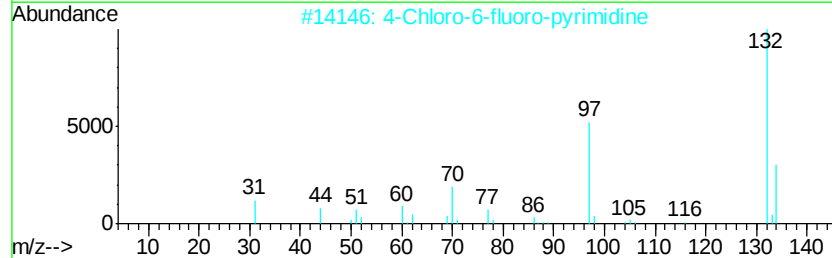
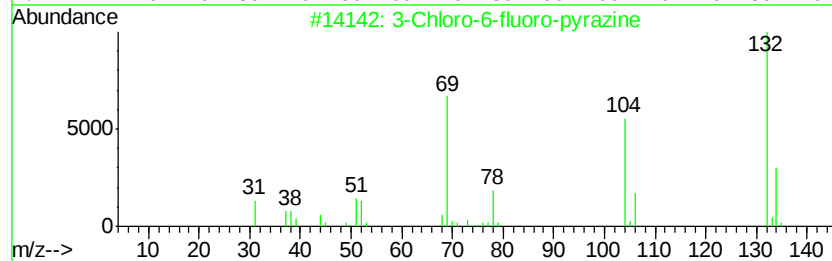
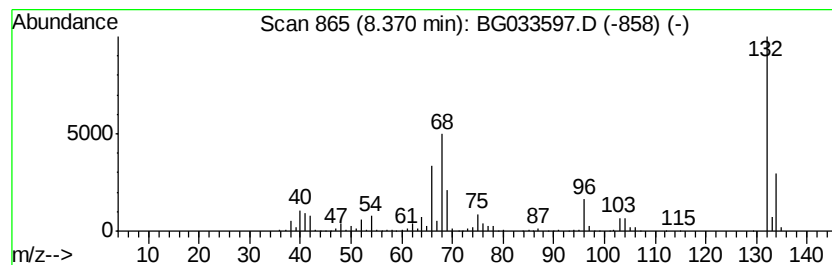
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TIC Library : C:\Database\NIST11.L
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Peak Number 4 unknown8.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	101.20 ng	1212010	1,4-Dichlorobenzene-d4	8.86

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		5-Aminoindole	132	C8H8N2	005192-03-0	27
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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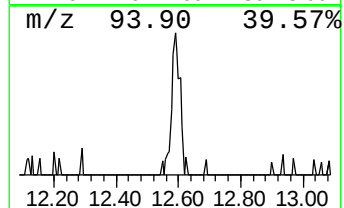
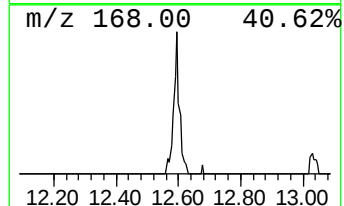
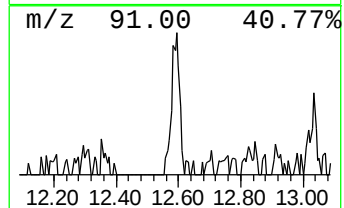
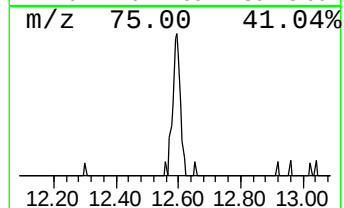
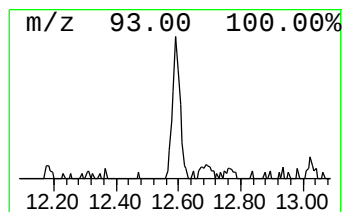
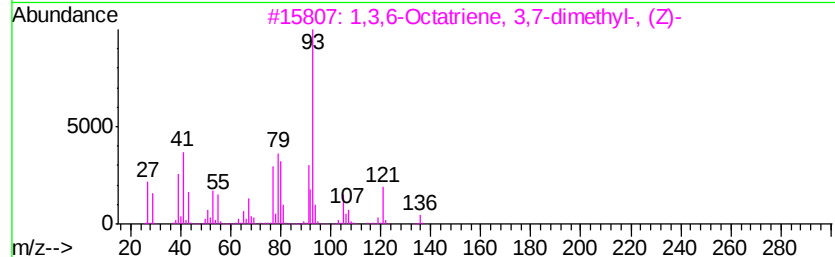
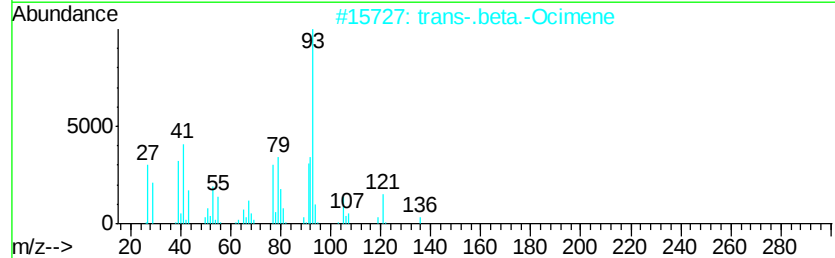
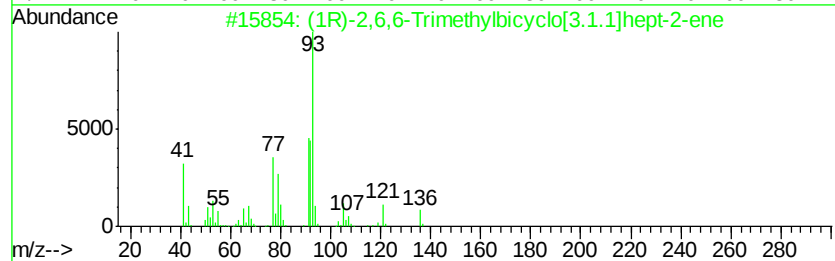
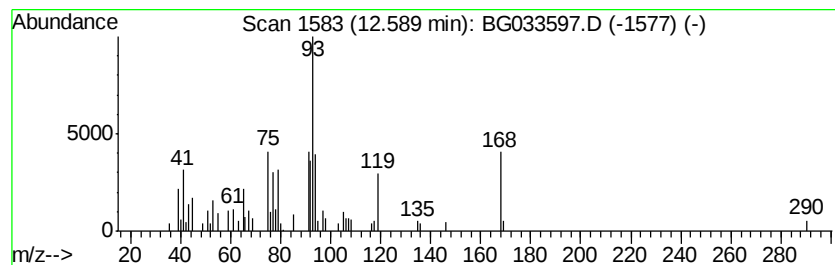
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.55 ng	52788	Naphthalene-d8	11.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	50
2		trans-.beta.-Ocimene	136	C10H16	003779-61-1	50
3		1,3,6-Octatriene, 3,7-dimethyl-, (Z)-	136	C10H16	003338-55-4	38
4		Cyclopentanecarboxylic acid, 4-methyl-, (Z)-	184	C10H16O3	1000155-87-4	38
5		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	38



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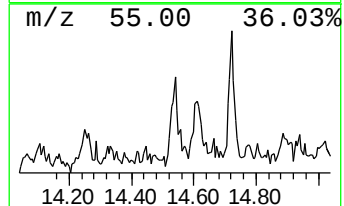
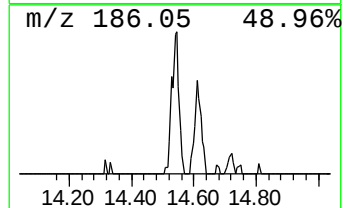
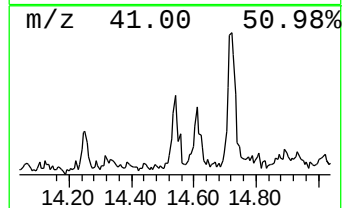
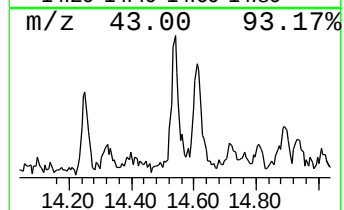
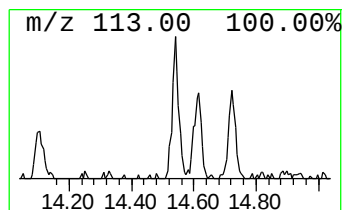
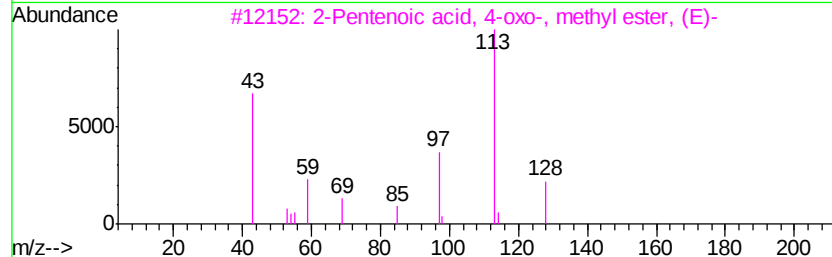
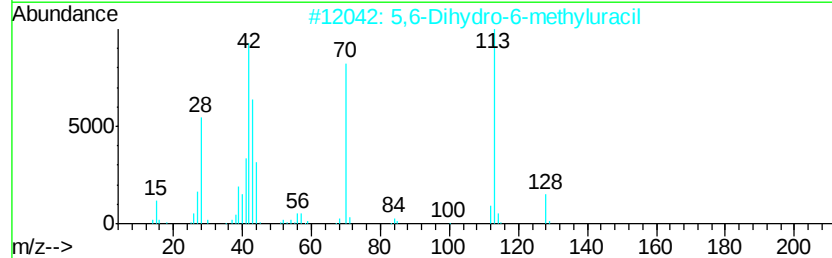
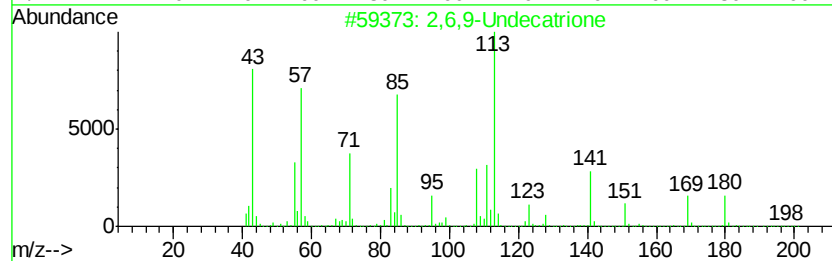
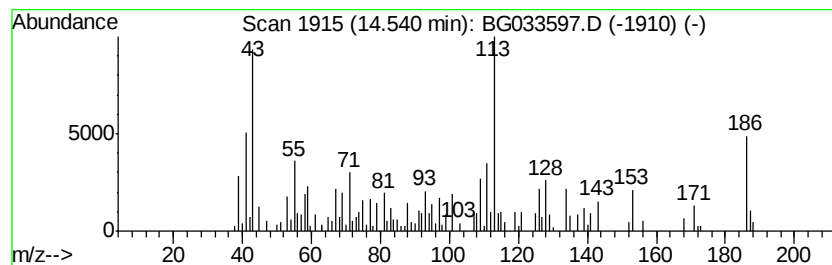
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Peak Number 7 unknown14.54 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	4.02 ng	140423	Acenaphthene-d10	15.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6,9-Undecatrione	198	C11H18O3	078975-91-4	35
2			5,6-Dihydro-6-methyluracil	128	C5H8N2O2	002434-49-3	30
3			2-Pentenoic acid, 4-oxo-, methyl...	128	C6H8O3	002833-24-1	27
4			Propionaldehyde, diethylhydrazone	128	C7H16N2	028236-90-0	27
5			23-Methyl-tetracosanoic acid, DM...	435	C29H57NO	1000336-80-8	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

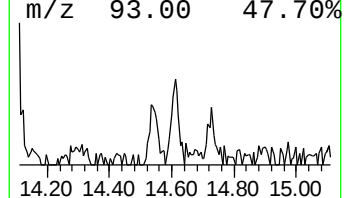
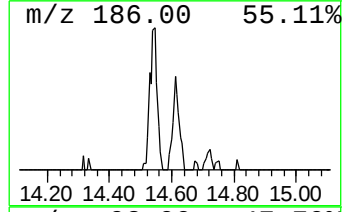
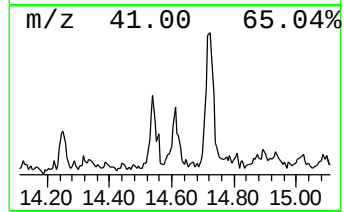
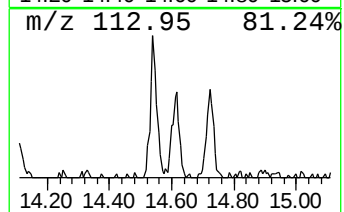
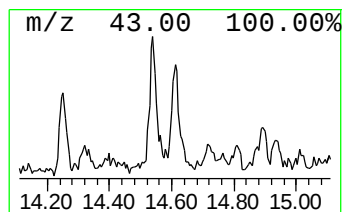
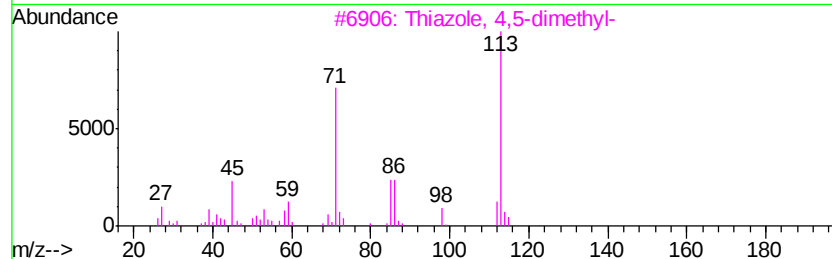
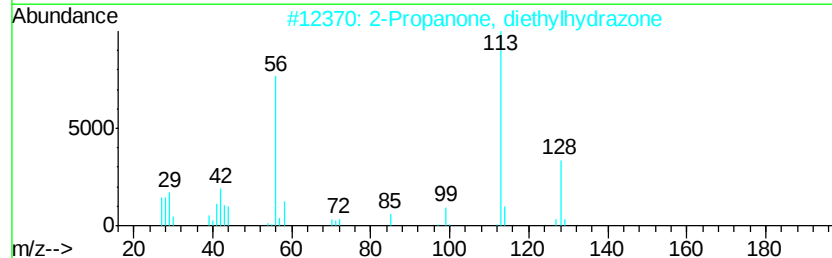
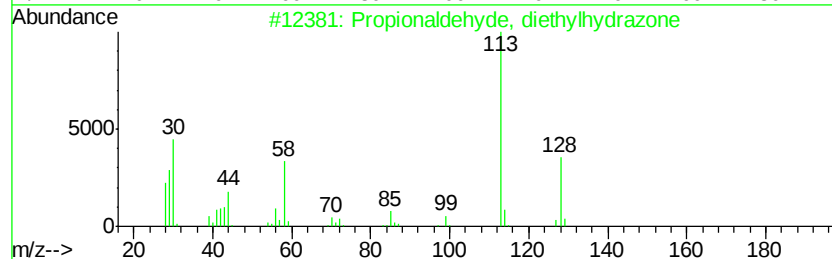
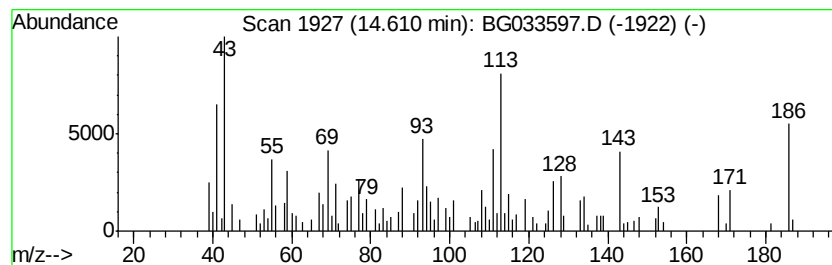
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.61 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	2.85 ng	99598	Acenaphthene-d10	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propionaldehyde, diethylhydrazone	128	C7H16N2	028236-90-0	25
2		2-Propanone, diethylhydrazone	128	C7H16N2	016713-36-3	25
3		Thiazole, 4,5-dimethyl-	113	C5H7NS	003581-91-7	18
4		2,3-Dimethyl-isoxazol-5(2H)-one	113	C5H7N02	007713-67-9	18
5		1,2,3,4,4a,9,10,10a-Octahdrophe...	186	C14H18	020480-67-5	14



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

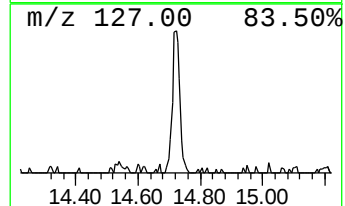
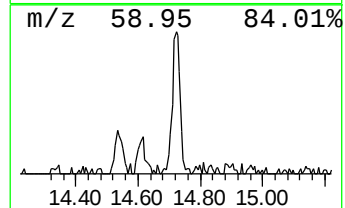
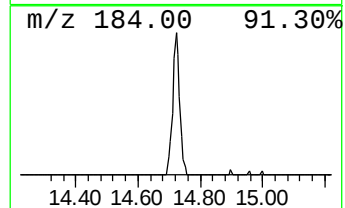
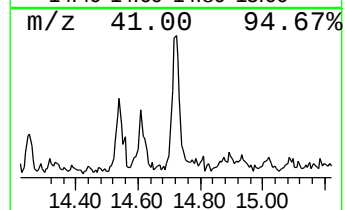
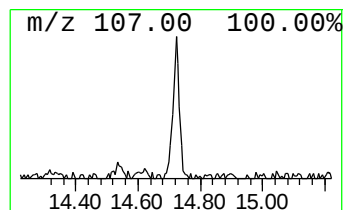
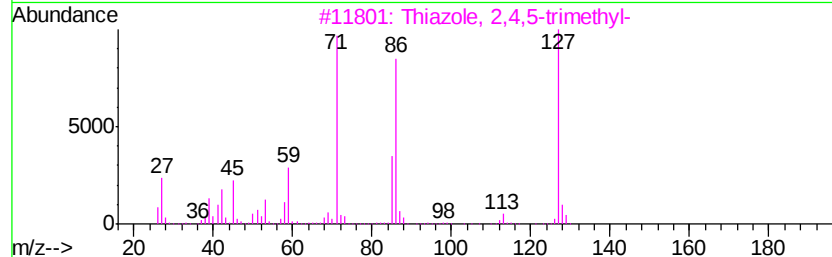
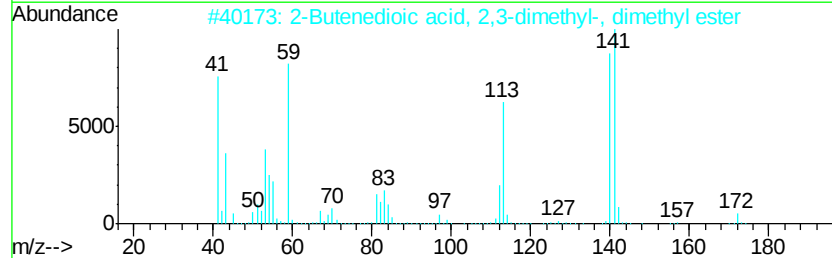
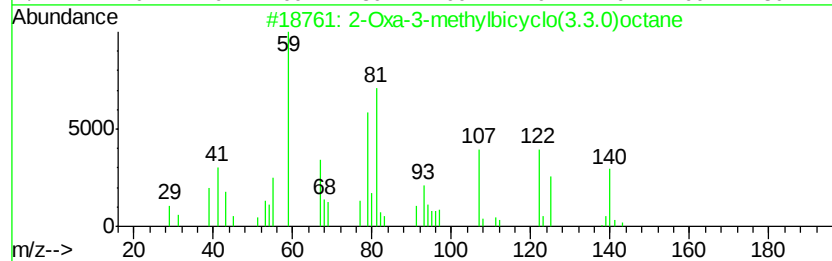
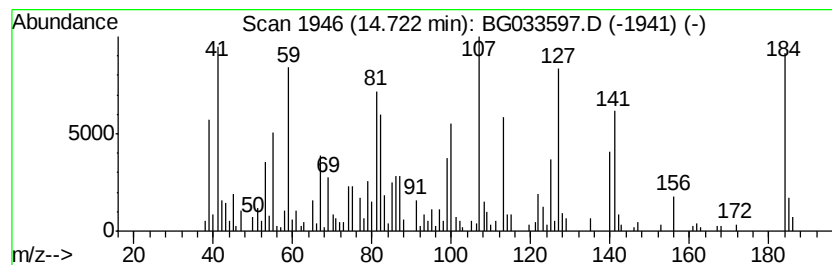
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.72 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.72	5.56 ng	194317	Acenaphthene-d10		15.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Oxa-3-methylbicyclo(3.3.0)octane	140	C9H16O	029183-69-5	22
2	2-Butenedioic acid, 2,3-dimethyl...	172	C8H12O4	013314-92-6	16
3	Thiazole, 2,4,5-trimethyl-	127	C6H9NS	013623-11-5	11
4	4-Cyano-3-methoxyquinoline	184	C11H8N2O	020844-02-4	10
5	1,2-Dimethoxy-3-(methylthio)benzene	184	C9H12O2S	051506-47-9	10



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

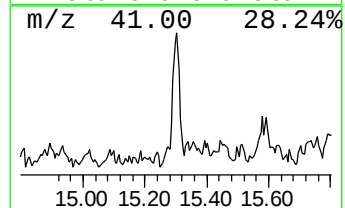
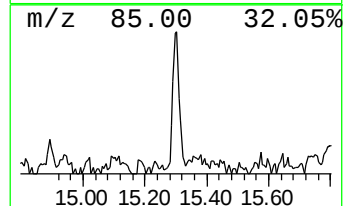
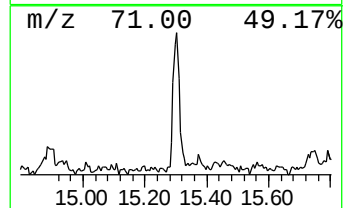
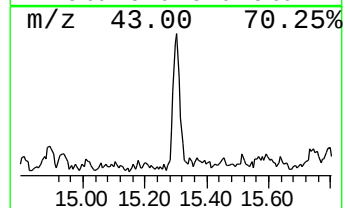
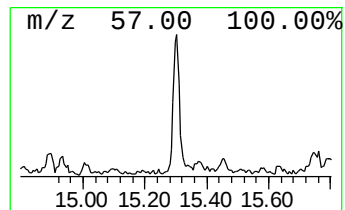
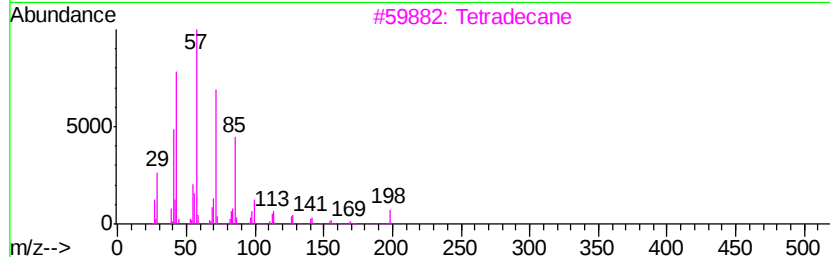
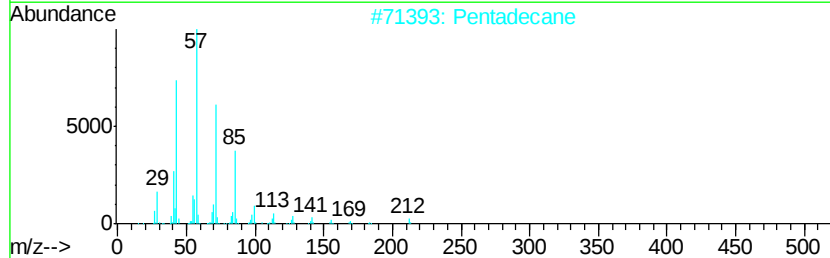
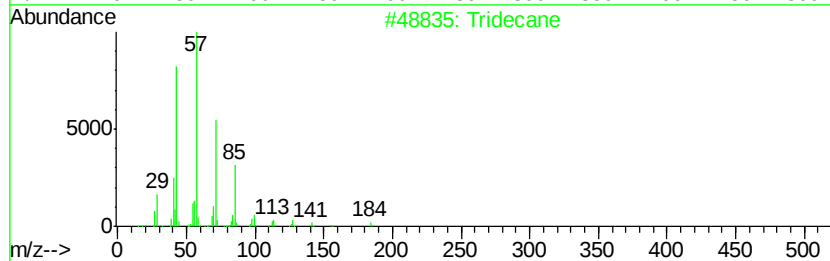
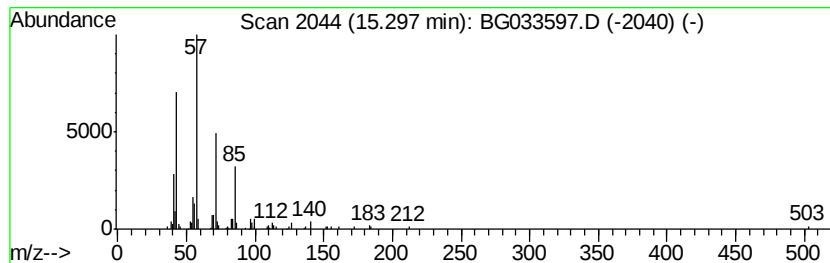
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.60 ng	90825	Acenaphthene-d10	15.47
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Pentadecane	212 C15H32	000629-62-9	93
3	Tetradecane	198 C14H30	000629-59-4	80
4	Hexadecane	226 C16H34	000544-76-3	72
5	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW25S-GW

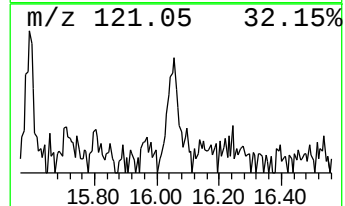
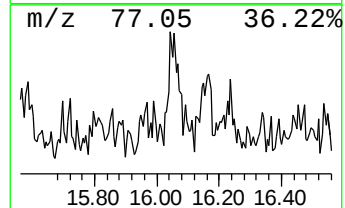
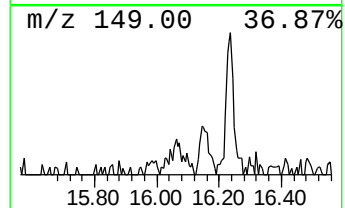
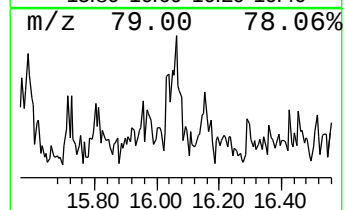
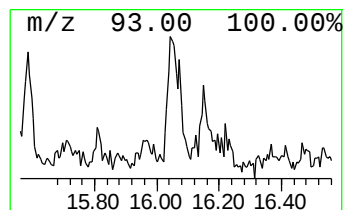
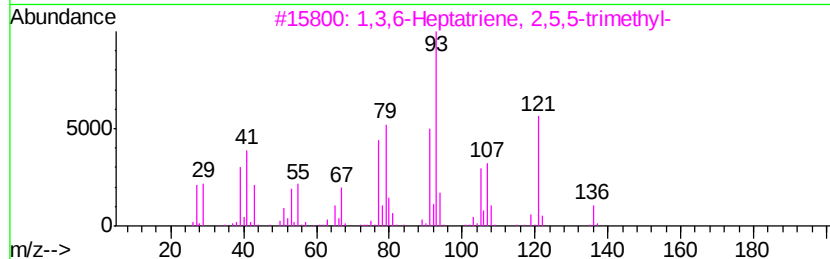
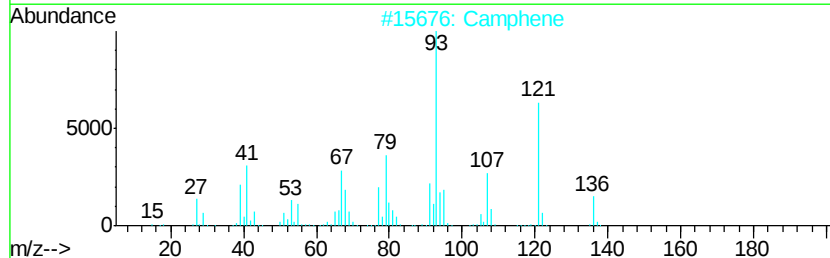
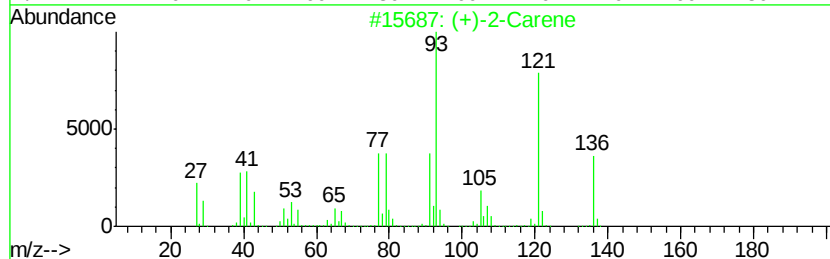
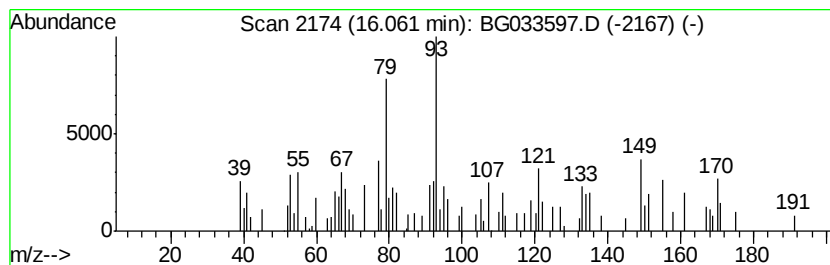
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	2.30 ng	80288	Acenaphthene-d10	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(+)-2-Carene	136	C10H16	1000149-94-6	47
2		Camphene	136	C10H16	000079-92-5	43
3		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	40
4		Oxacyclododeca-6,9-dien-2-one, 7...	194	C12H18O2	070968-72-8	38
5		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	38



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
QNWP8-MW25S-GW

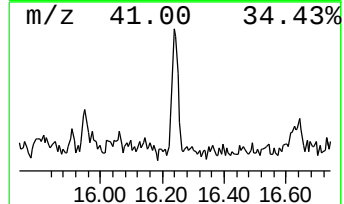
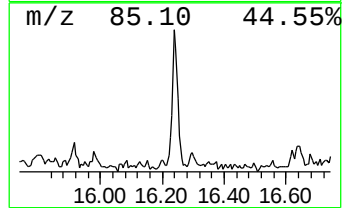
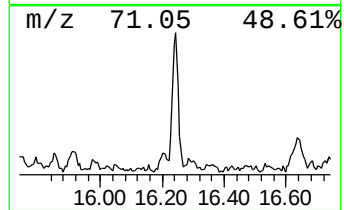
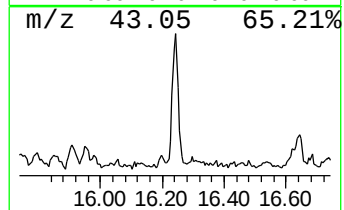
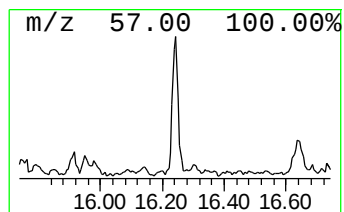
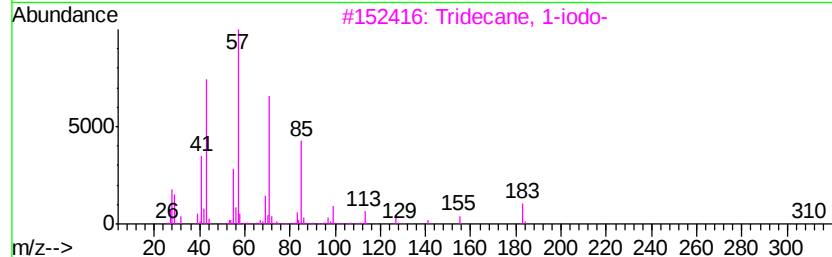
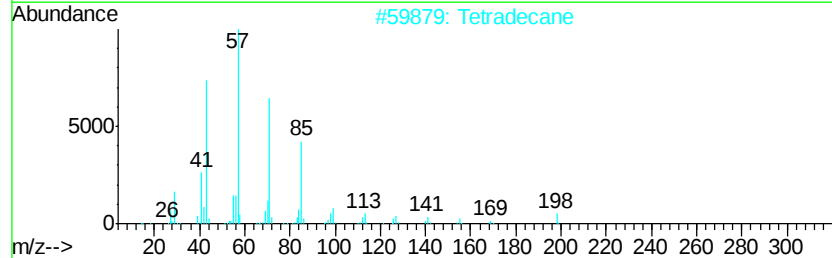
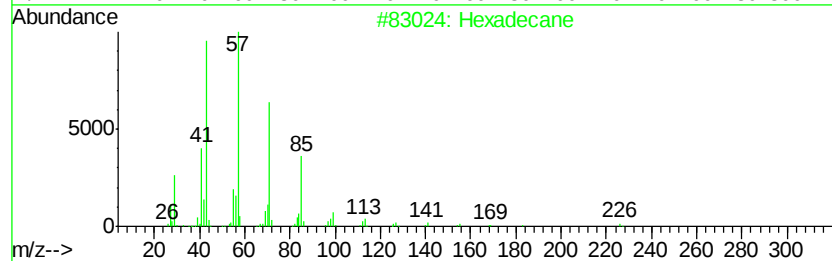
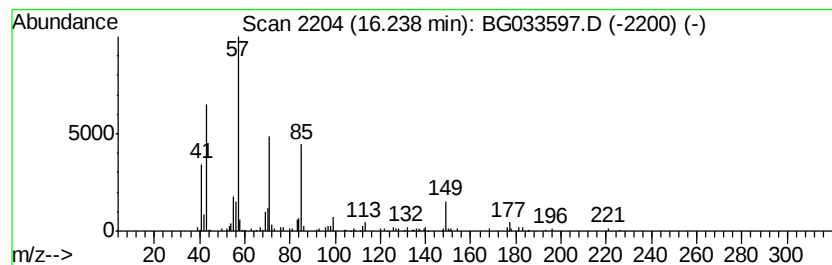
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.71 ng	129692	Acenaphthene-d10	15.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetradecane	198	C14H30	000629-59-4	72
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
4		triacontane	422	C30H62	000638-68-6	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
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Misc :
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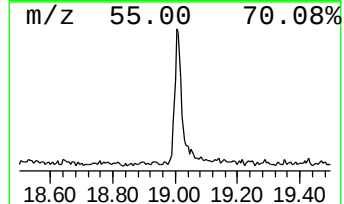
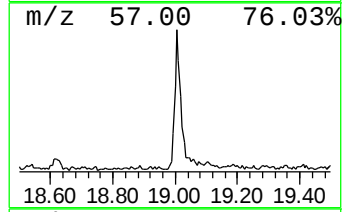
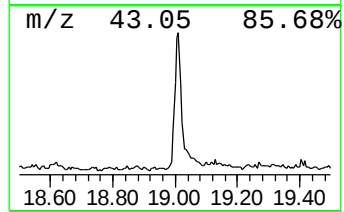
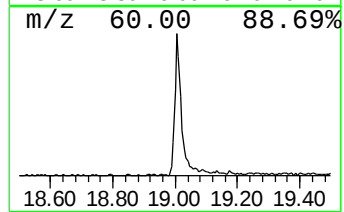
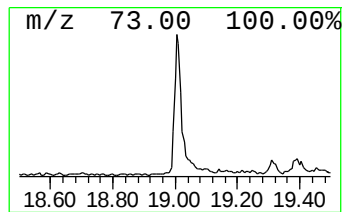
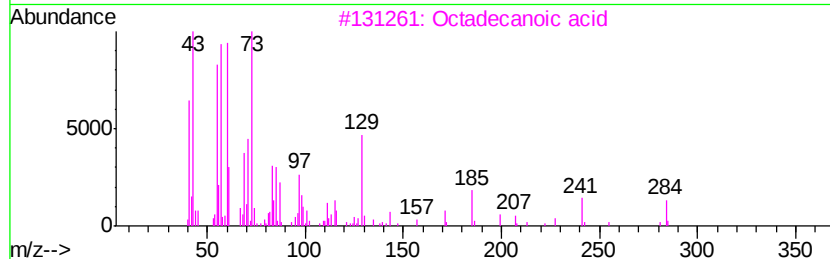
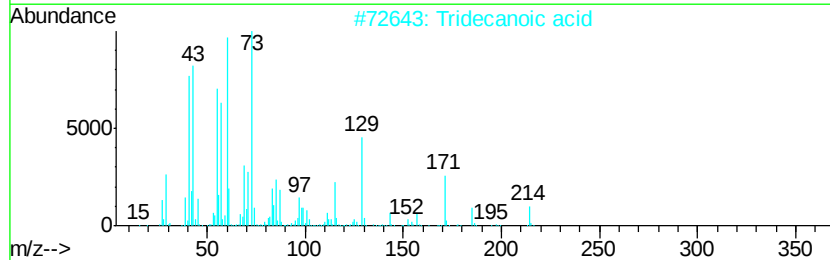
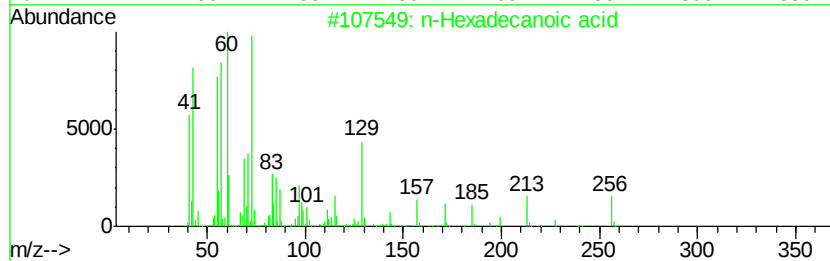
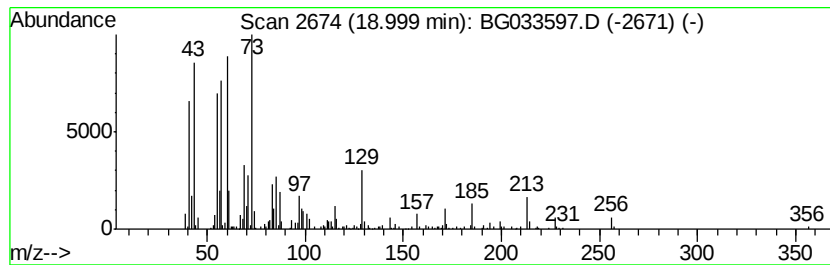
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	12.71 ng	498669	Phenanthrene-d10	18.21

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	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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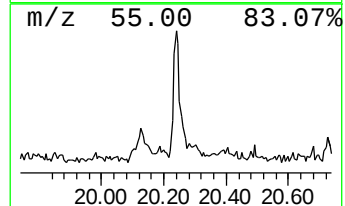
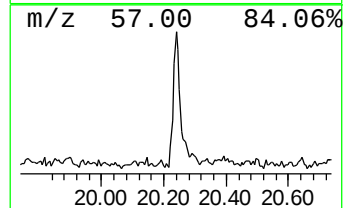
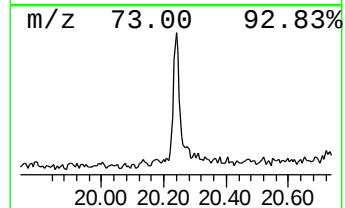
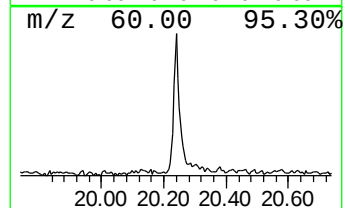
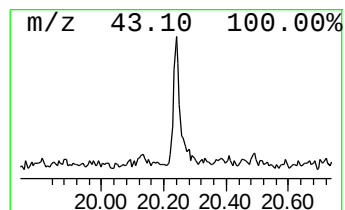
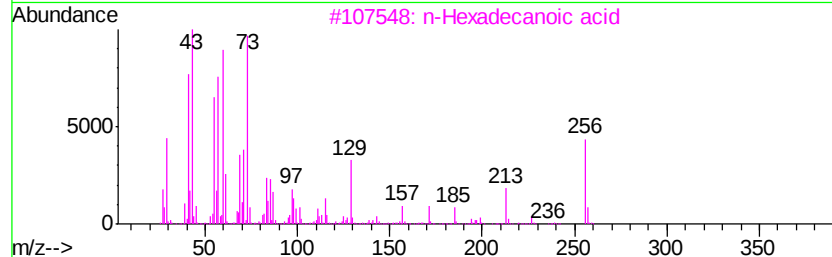
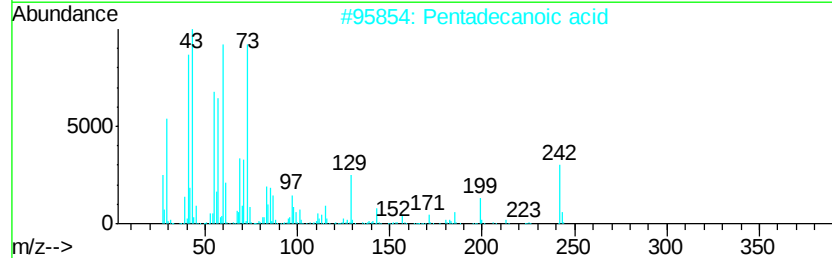
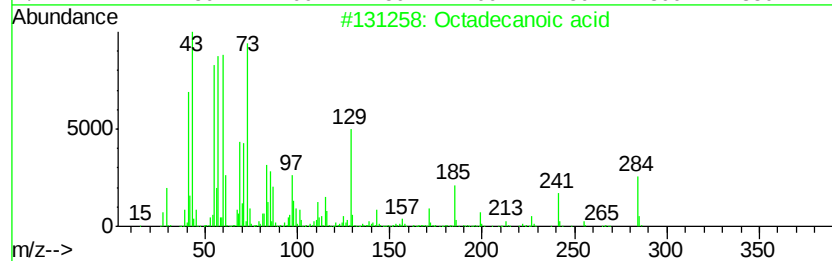
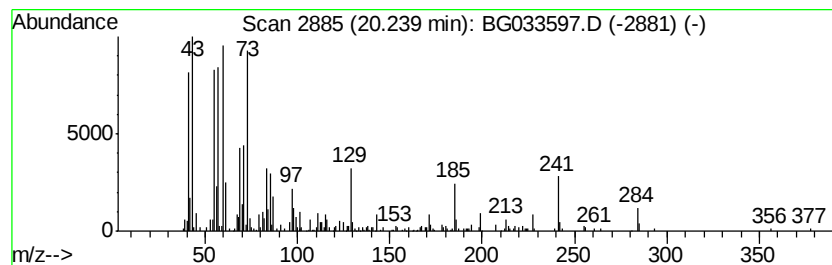
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	6.07 ng	238304	Phenanthrene-d10	18.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4			Undecanoic acid	186	C11H22O2	000112-37-8	62
5			n-Decanoic acid	172	C10H20O2	000334-48-5	52



Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

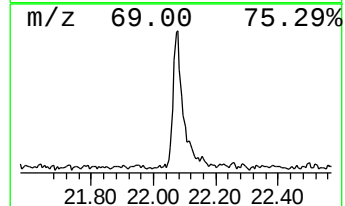
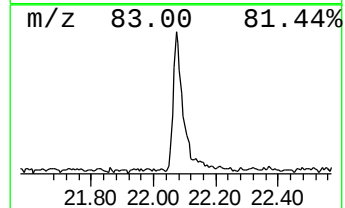
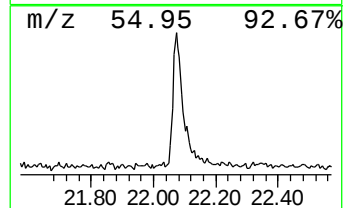
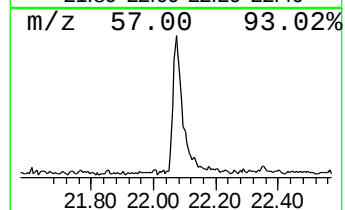
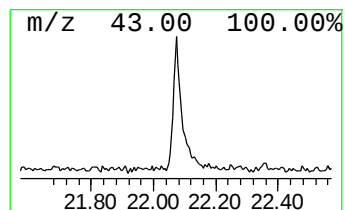
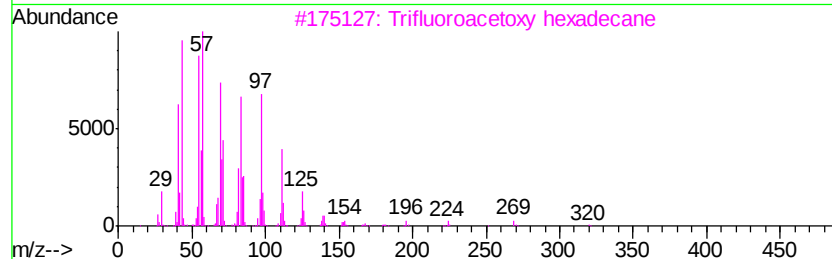
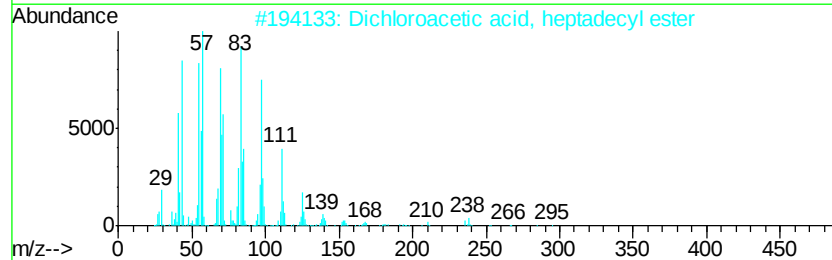
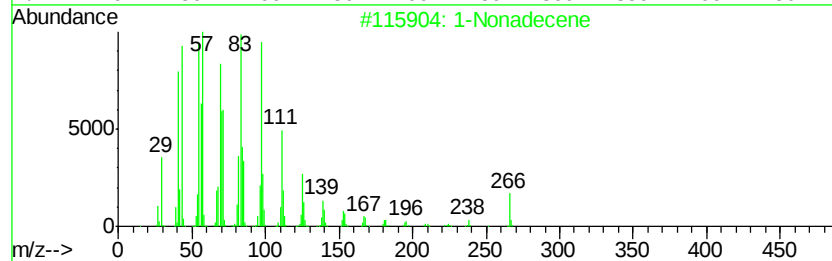
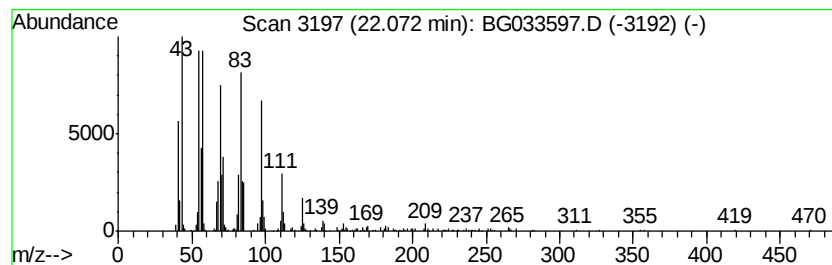
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.07	9.47 ng	419819	Chrysene-d12	22.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	94
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5		Z-5-Nonadecene	266	C19H38	1000131-11-8	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040518\
Data File : BG033597.D
Acq On : 5 Apr 2018 17:56
Operator : SJ/JU
Sample : J2216-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
QNWP8-MW25S-GW

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...	3.57	20.2	ng	241599	1	8.86	239525	20.0
2-Pentanone, 4-hy...	5.77	3.2	ng	37998	1	8.86	239525	20.0
unknown8.37	8.37	101.2	ng	1212010	1	8.86	239525	20.0
(1R)-2,6,6-Trimet...	12.59	2.5	ng	52788	2	11.74	414624	20.0
unknown14.54	14.54	4.0	ng	140423	3	15.47	698431	20.0
unknown14.61	14.61	2.9	ng	99598	3	15.47	698431	20.0
unknown14.72	14.72	5.6	ng	194317	3	15.47	698431	20.0
Tridecane	15.30	2.6	ng	90825	3	15.47	698431	20.0
unknown16.06	16.06	2.3	ng	80288	3	15.47	698431	20.0
Hexadecane	16.24	3.7	ng	129692	3	15.47	698431	20.0
n-Hexadecanoic acid	19.00	12.7	ng	498669	4	18.21	784989	20.0
Octadecanoic acid	20.24	6.1	ng	238304	4	18.21	784989	20.0
1-Nonadecene	22.07	9.5	ng	419819	5	22.55	886676	20.0