

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
 Data File : BG033126.D
 Acq On : 13 Mar 2018 19:35
 Operator : SJ/JU
 Sample : J1889-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFFWW

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-BG022118.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	6.874	602	610	626	rBV	1128051	2461061	1.90%	0.783%
2	9.060	951	982	987	rBV	10735192	64730974	49.98%	20.587%
3	9.318	1020	1026	1038	rVB	741266	1535399	1.19%	0.488%
4	10.481	1174	1224	1228	rBV4	1241066	10375855	8.01%	3.300%
5	13.824	1781	1793	1803	rVB	617278	1720638	1.33%	0.547%
6	14.153	1843	1849	1856	rBV	1152718	1837054	1.42%	0.584%
7	15.116	2007	2013	2022	rVV	3434628	5540453	4.28%	1.762%
8	16.091	2174	2179	2184	rBV	2782585	4881159	3.77%	1.552%
9	16.338	2185	2221	2232	rVB	8407753	62613481	48.34%	19.913%
10	16.884	2311	2314	2318	rVV	989471	1633990	1.26%	0.520%
11	16.996	2328	2333	2339	rVV5	630760	1656258	1.28%	0.527%
12	17.096	2341	2350	2354	rVB	1902826	4979959	3.84%	1.584%
13	17.454	2391	2411	2425	rBV7	14045043	129525212	100.00%	41.193%
14	17.718	2454	2456	2458	rBV	4226956	2160401	1.67%	0.687%
15	20.209	2877	2880	2882	rBV	1437222	1494305	1.15%	0.475%
16	20.262	2887	2889	2893	rVV4	1472437	2056652	1.59%	0.654%
17	20.315	2895	2898	2904	rVB2	3096949	4681464	3.61%	1.489%
18	20.644	2949	2954	2959	rVB	7323860	10547804	8.14%	3.355%

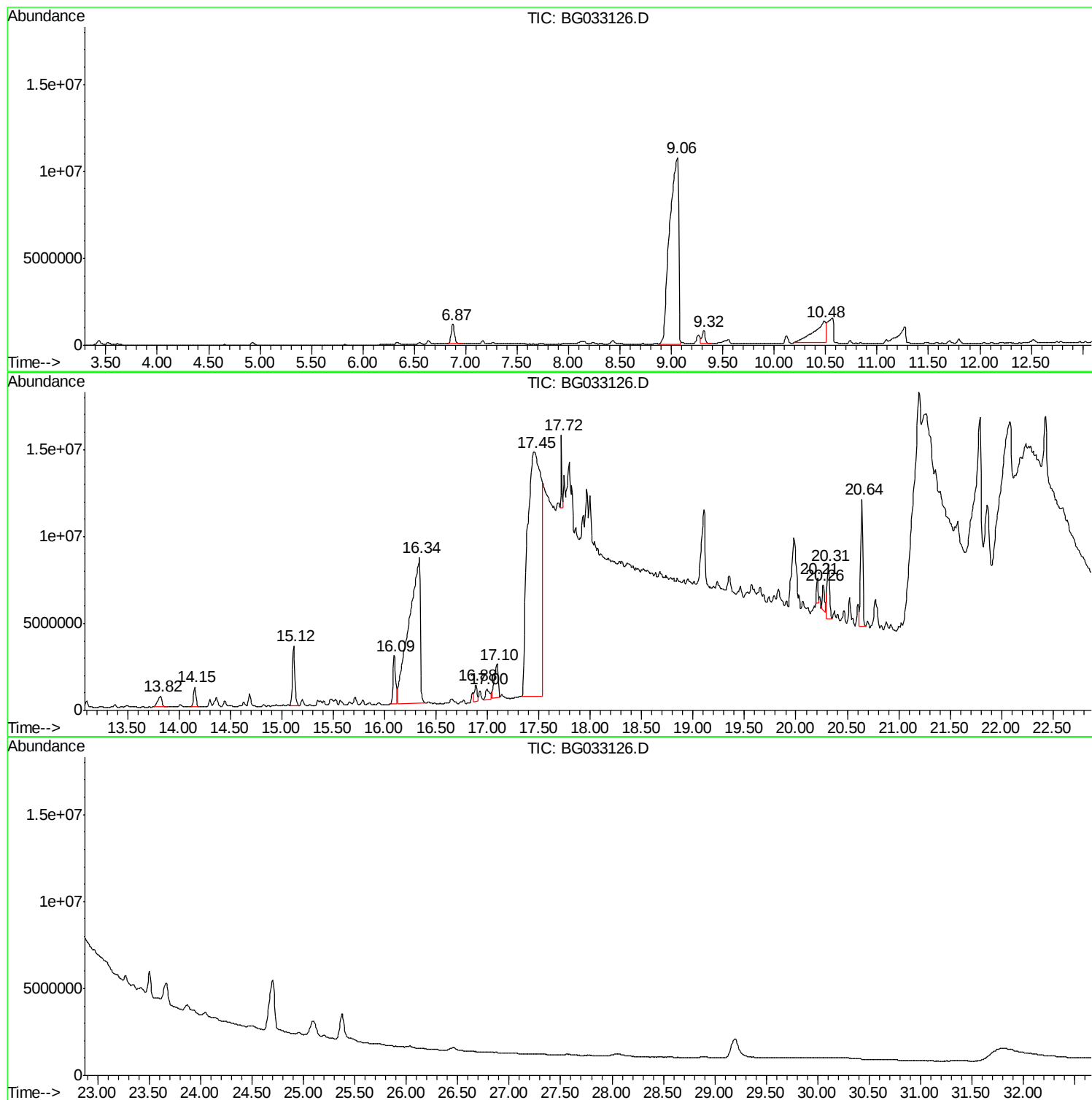
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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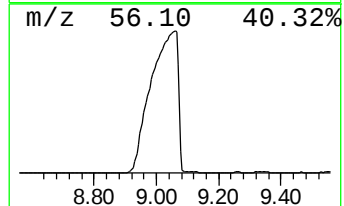
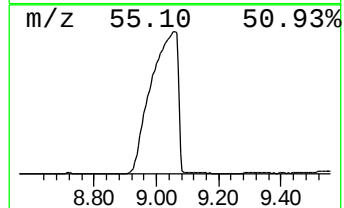
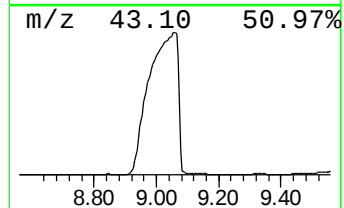
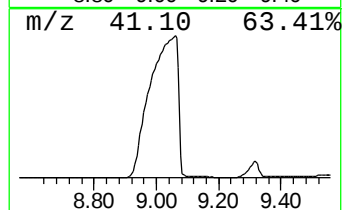
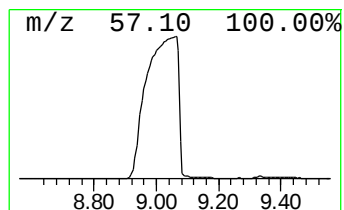
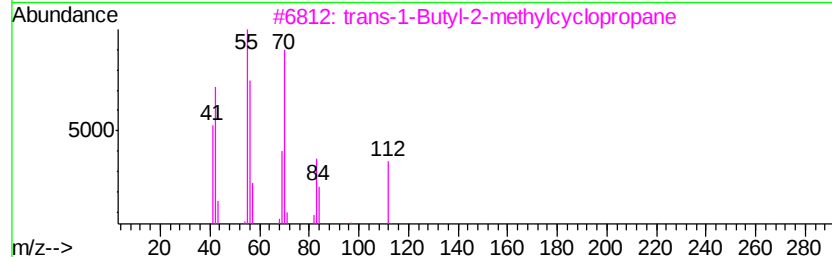
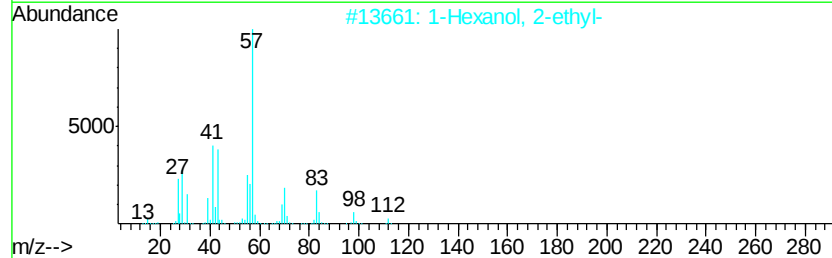
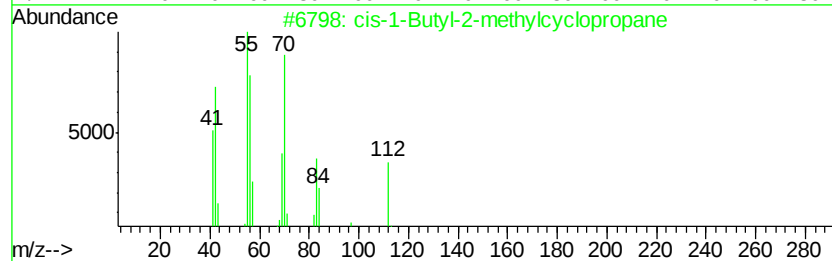
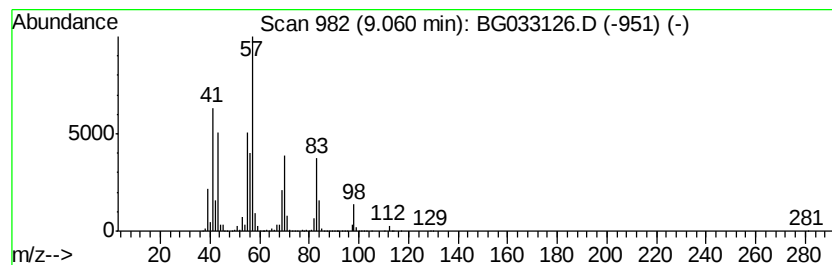
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Peak Number 1 cis-1-Butyl-2-methylcyclopr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	20.00 ng	64731000	1,4-Dichlorobenzene-d4	8.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	64
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	59
4		Cycloheptane	98	C7H14	000291-64-5	53
5		1-Heptene, 3-methyl-	112	C8H16	004810-09-7	50



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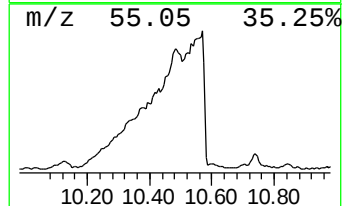
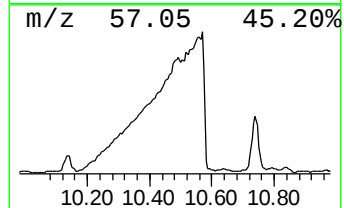
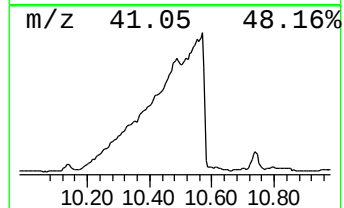
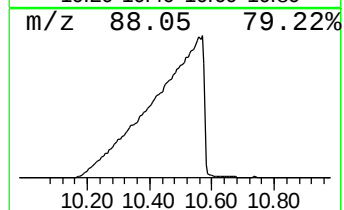
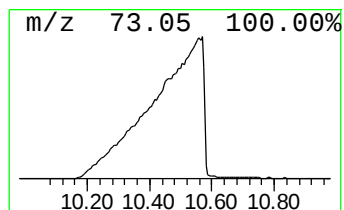
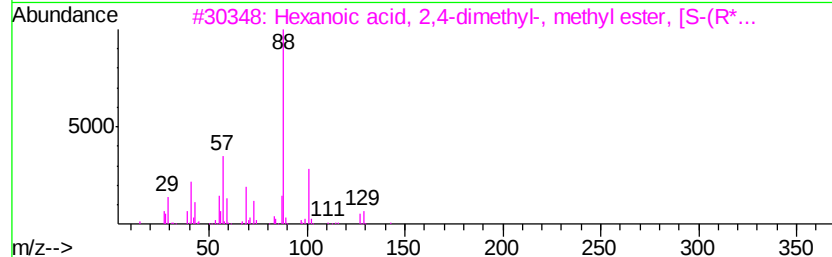
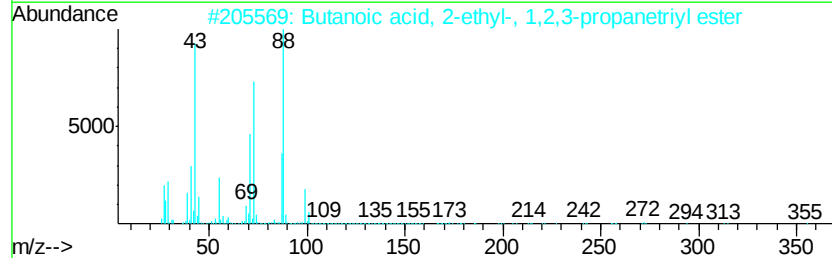
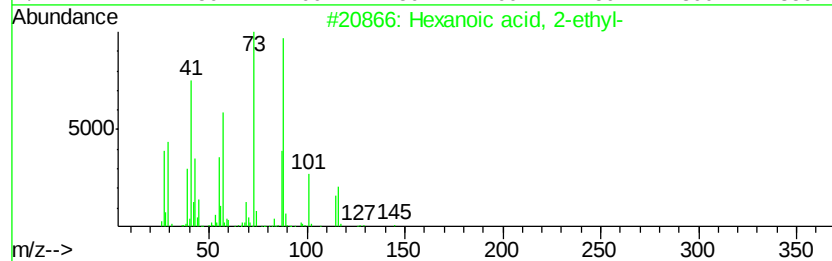
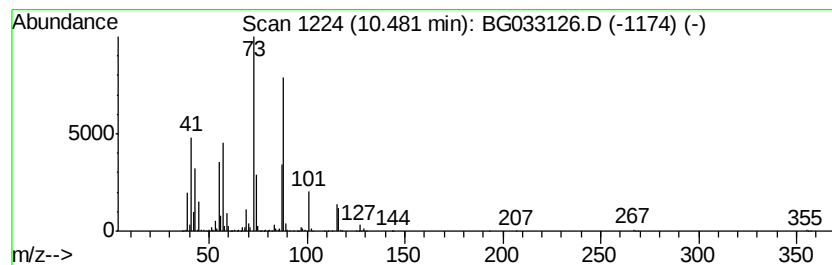
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Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	20.00 ng	10375900	Naphthalene-d8	11.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexanoic acid, 2-ethyl-	144 C8H16O2	000149-57-5	72
2	Butanoic acid, 2-ethyl-, 1,2,3-p...	386 C21H38O6	056554-54-2	50
3	Hexanoic acid, 2,4-dimethyl-, me...	158 C9H18O2	014251-45-7	50
4	Octanoic acid, 2-methyl-, methyl...	172 C10H20O2	002177-86-8	47
5	Undecanoic acid, 2-methyl-, meth...	214 C13H26O2	055955-69-6	47



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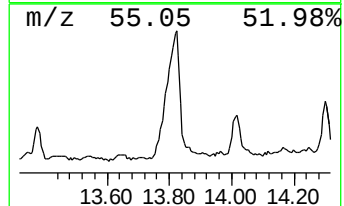
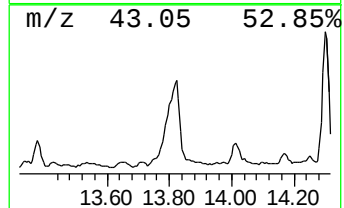
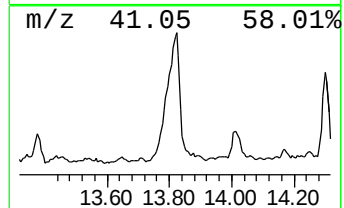
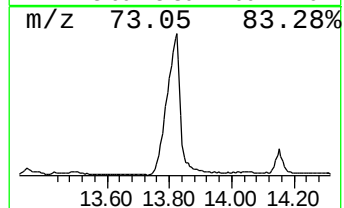
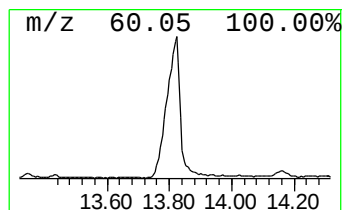
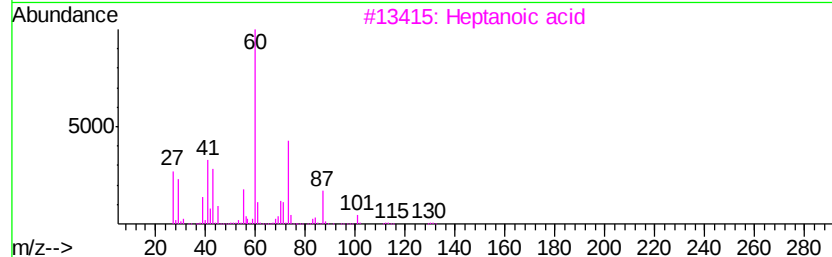
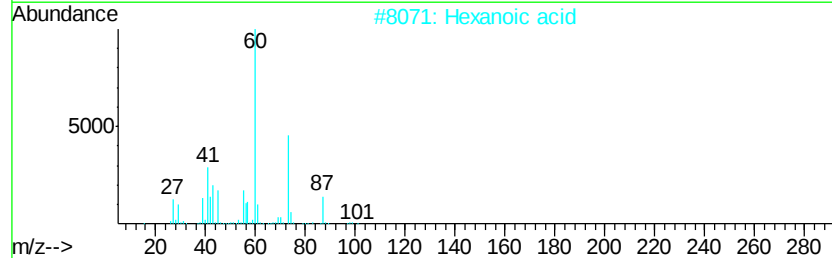
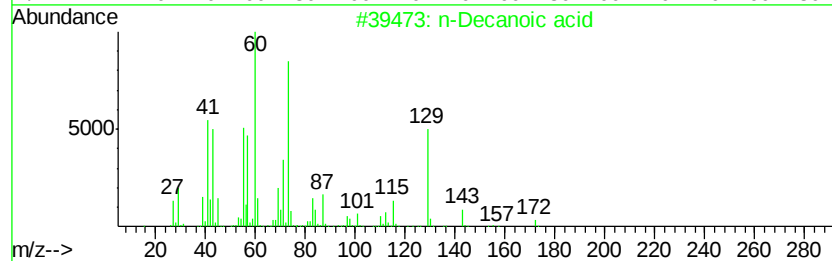
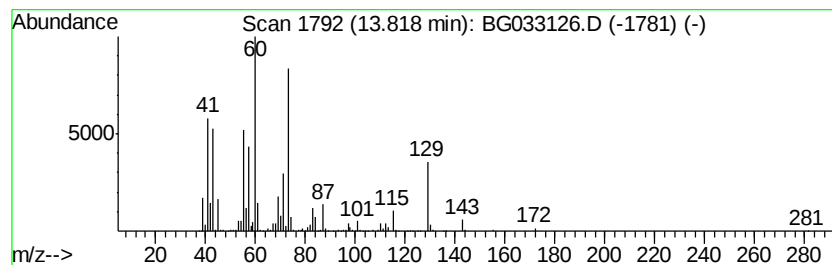
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Peak Number 3 n-Decanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	6.21 ng	1720640	Acenaphthene-d10	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Decanoic acid	172 C10H20O2	000334-48-5	97
2	Hexanoic acid	116 C6H12O2	000142-62-1	50
3	Heptanoic acid	130 C7H14O2	000111-14-8	50
4	Octanoic acid	144 C8H16O2	000124-07-2	47
5	Pentanoic acid	102 C5H10O2	000109-52-4	46



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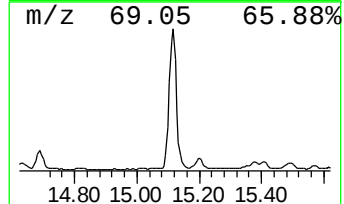
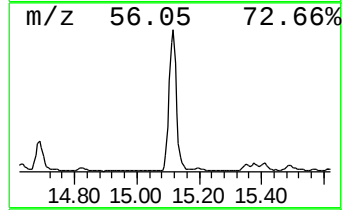
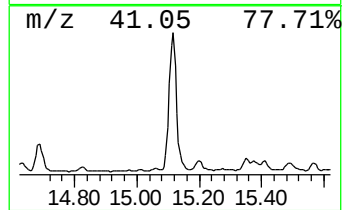
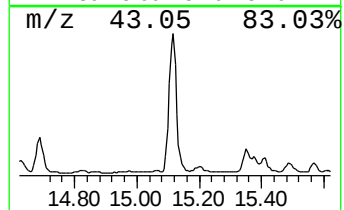
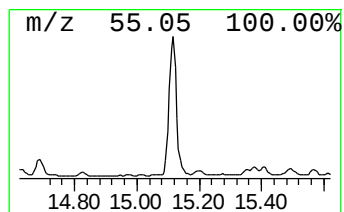
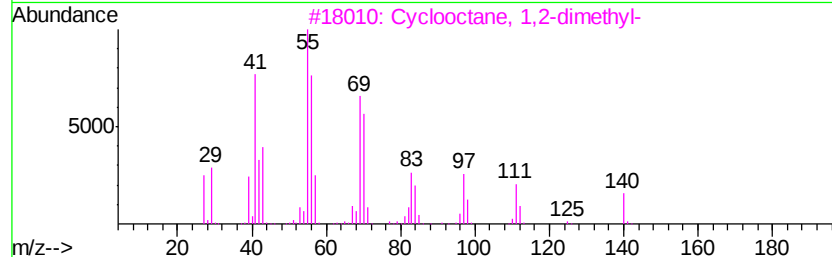
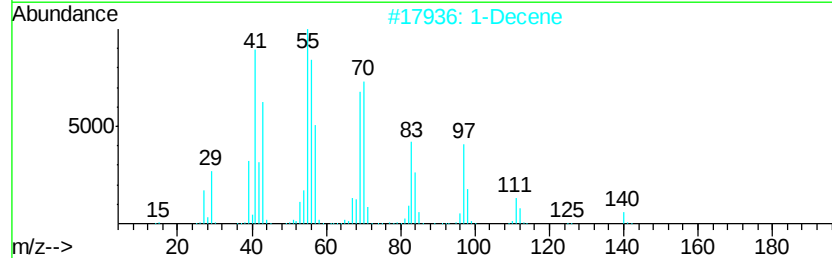
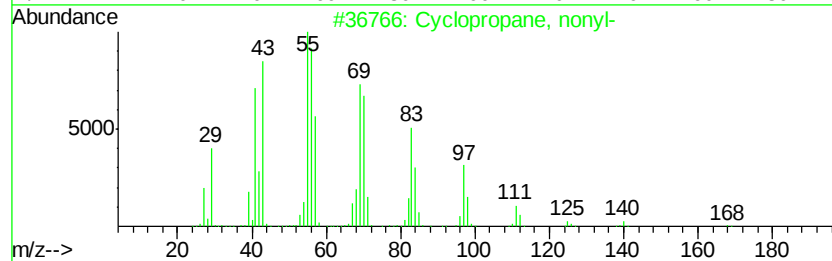
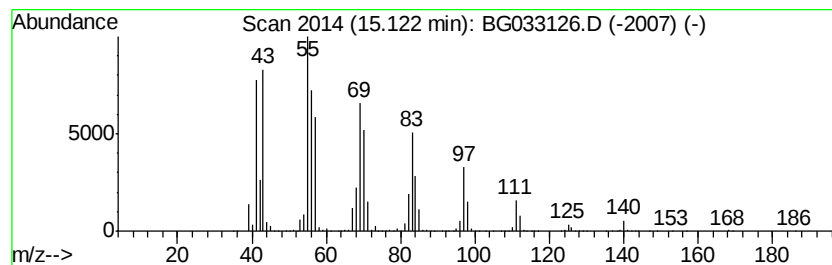
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Peak Number 4 Cyclopropane, nonyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.12	20.00 ng	5540450	Acenaphthene-d10		15.52
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclopropane, nonvl-	168	C12H24	074663-85-7	95
2	1-Decene	140	C10H20	000872-05-9	95
3	Cvclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	93
4	E-11,13-Tetradecadien-1-ol	210	C14H26O	1000131-00-3	91
5	Cyclodecane, methyl-	154	C11H22	013151-43-4	91



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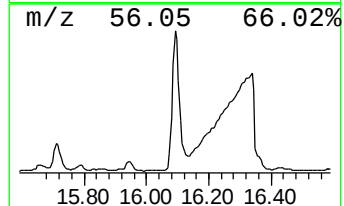
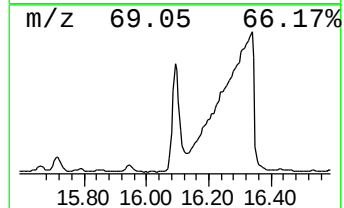
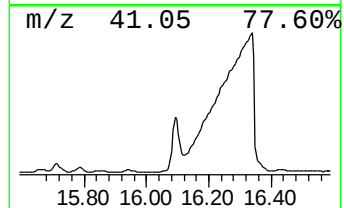
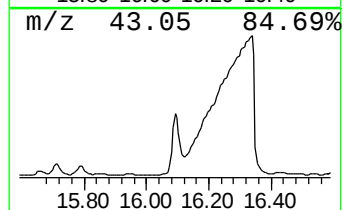
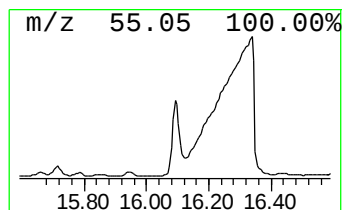
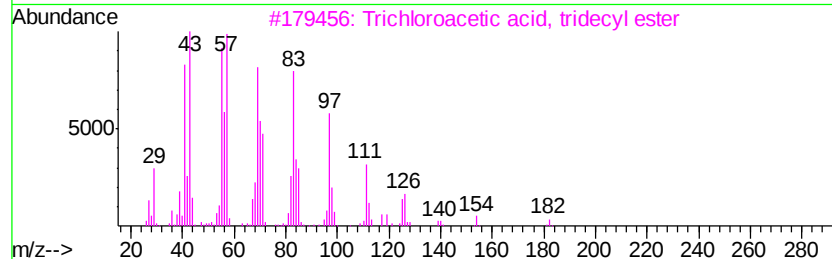
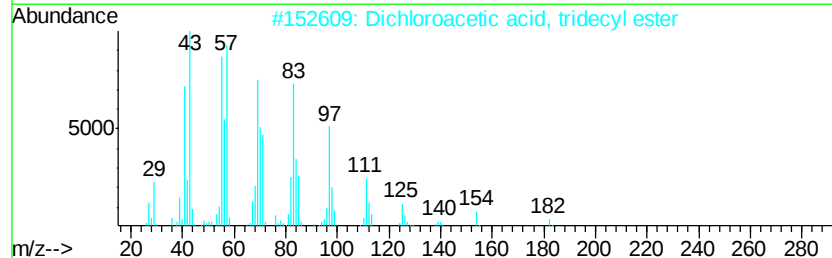
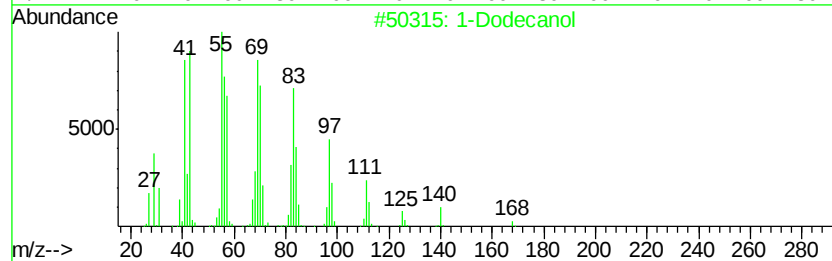
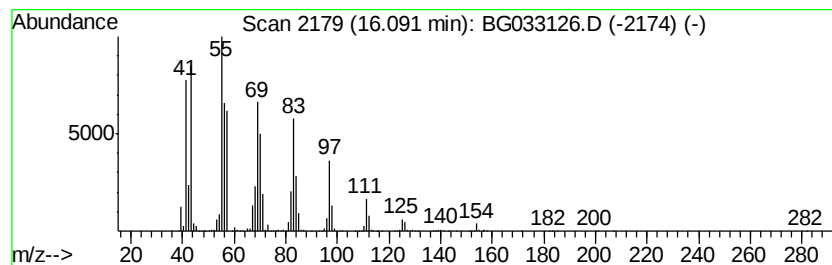
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Peak Number 5 1-Dodecanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	17.62 ng	4881160	Acenaphthene-d10	15.52

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol		186	C12H26O	000112-53-8	91
2	Dichloroacetic acid, tridecyl ester		310	C15H28Cl2O2	1000280-48-3	91
3	Trichloroacetic acid, tridecyl e...		344	C15H27Cl3O2	074339-51-8	91
4	1-Undecanol		172	C11H24O	000112-42-5	91
5	Cyclododecane		168	C12H24	000294-62-2	91



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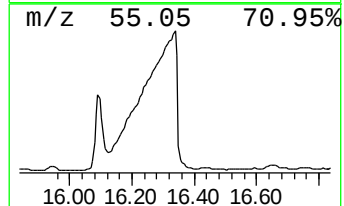
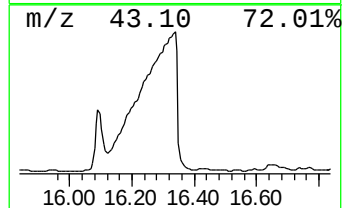
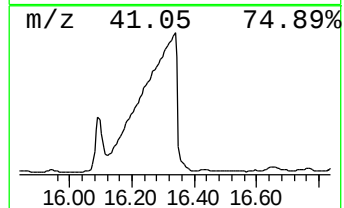
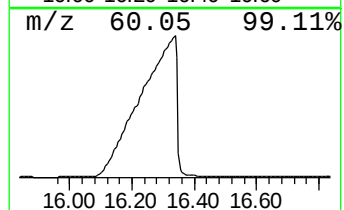
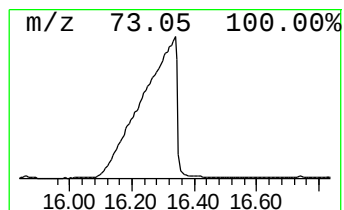
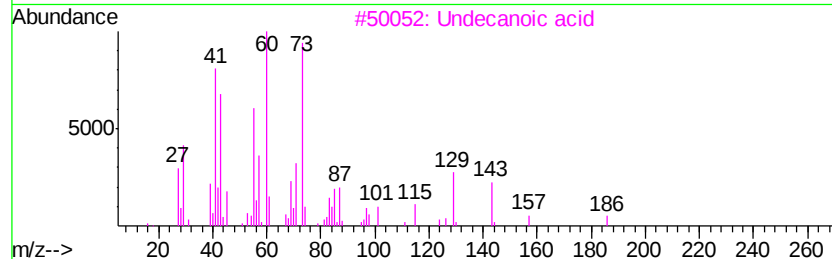
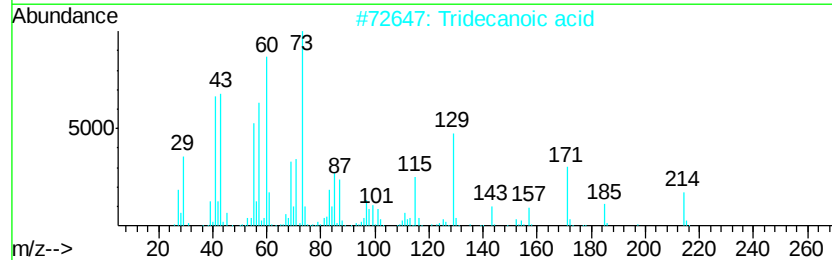
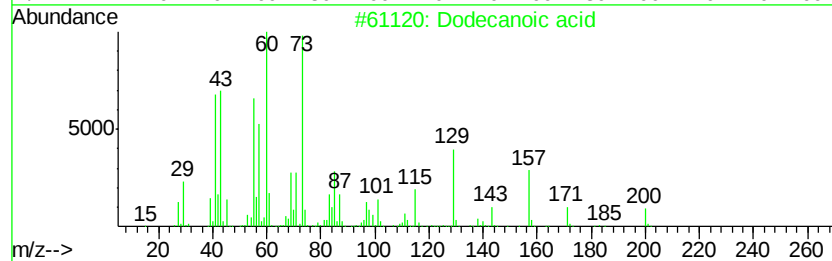
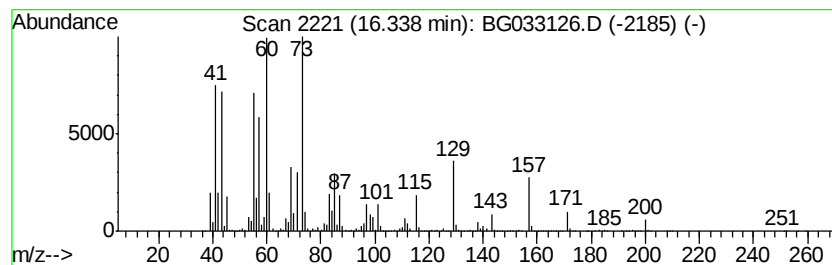
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Peak Number 6 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	226.02 ng	62613500	Acenaphthene-d10	15.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	98
2	Tridecanoic acid	214 C13H26O2	000638-53-9	83
3	Undecanoic acid	186 C11H22O2	000112-37-8	80
4	Pentadecanoic acid	242 C15H30O2	001002-84-2	80
5	Tetradecanoic acid	228 C14H28O2	000544-63-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033126.D
Acq On : 13 Mar 2018 19:35
Operator : SJ/JU
Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

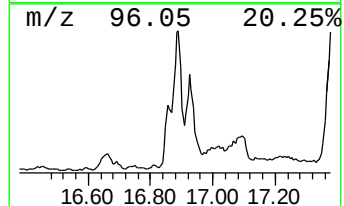
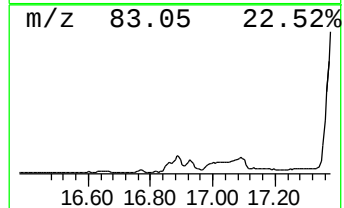
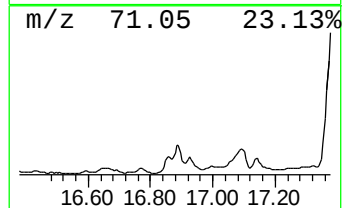
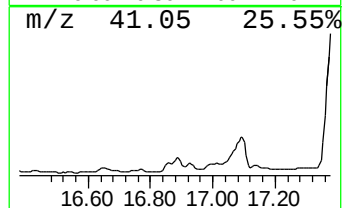
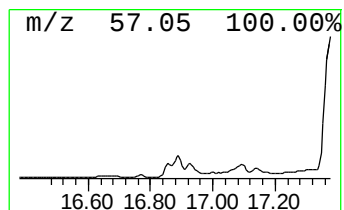
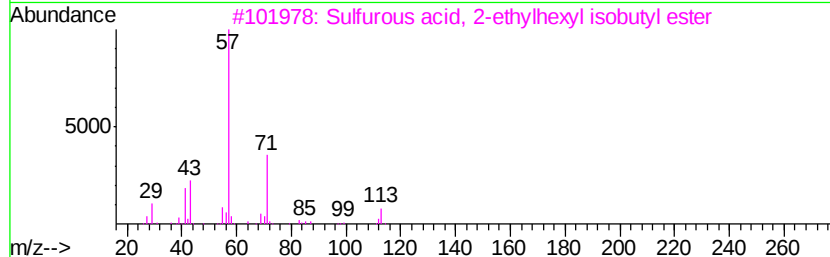
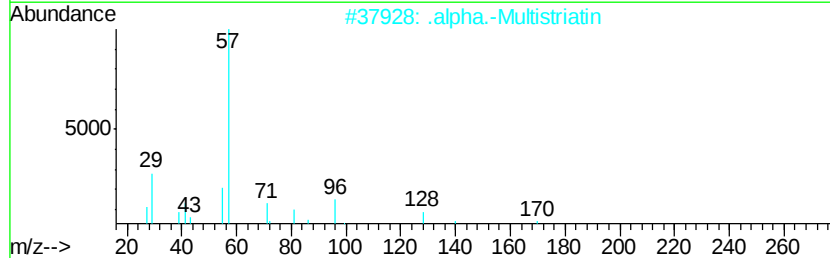
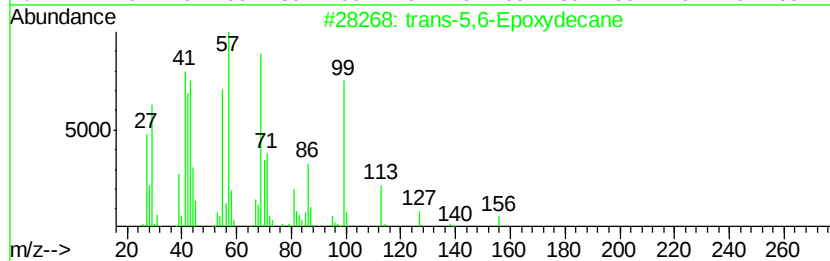
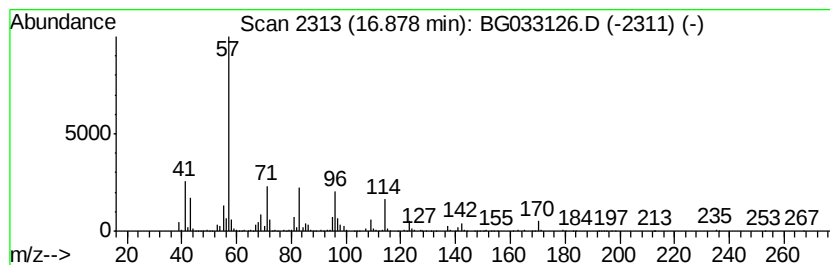
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.68 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.88	5.90 ng	1633990	Acenaphthene-d10	15.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-5,6-Epoxydecane	156	C10H20O	002165-61-9	38
2	.alpha.-Multistriatin	170	C10H18O2	059014-03-8	27
3	Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	27
4	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	27
5	Tetradecanoic acid, 2-oxo-, meth...	256	C15H28O3	055682-82-1	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
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Sample : J1889-01
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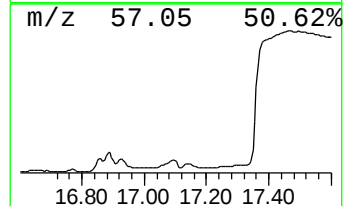
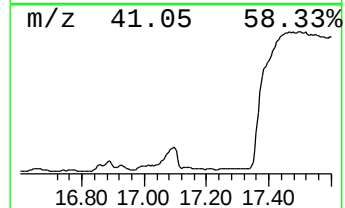
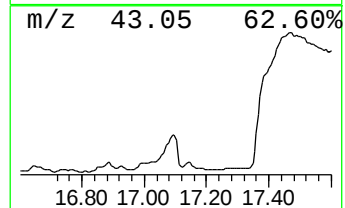
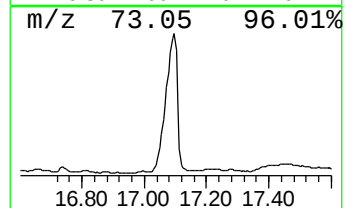
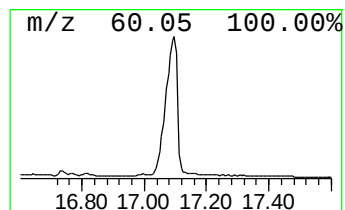
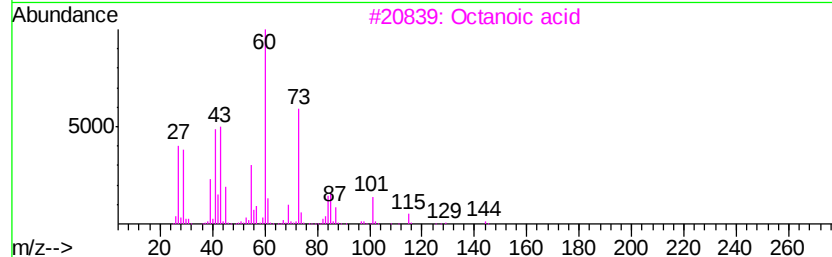
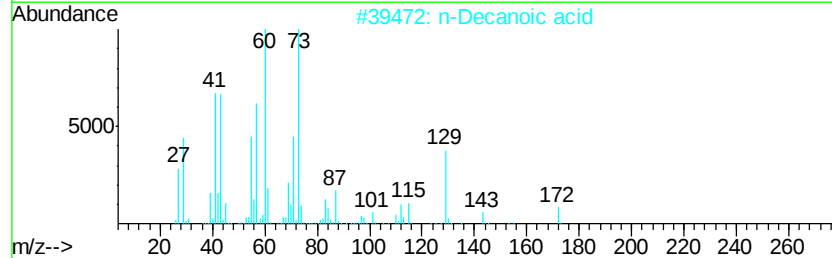
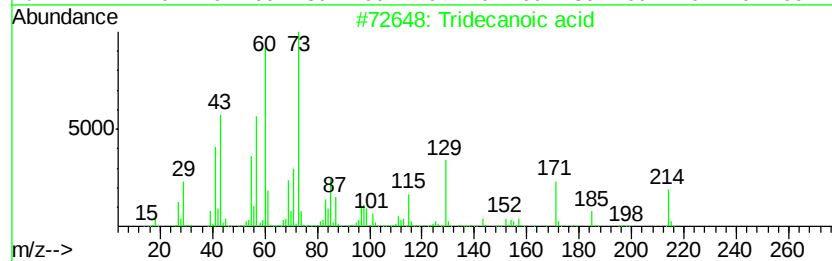
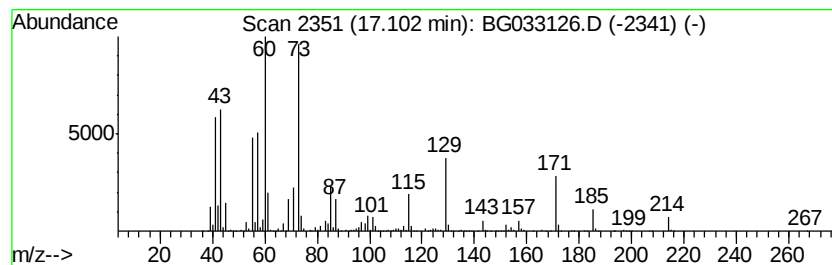
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 8 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	46.10 ng	4979960	Phenanthrene-d10	18.30
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecanoic acid	214 C13H26O2	000638-53-9 91
2		n-Decanoic acid	172 C10H20O2	000334-48-5 52
3		Octanoic acid	144 C8H16O2	000124-07-2 50
4		Heptanoic acid	130 C7H14O2	000111-14-8 43
5		Methyl .beta.-d-galactopyranoside	194 C7H14O6	1000126-04-6 40



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Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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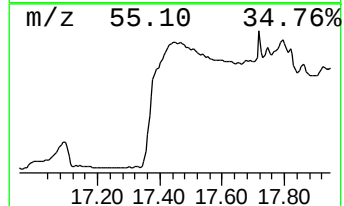
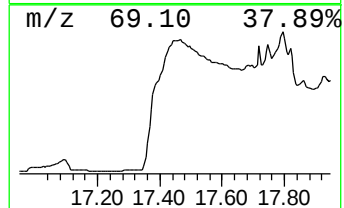
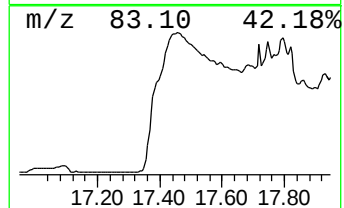
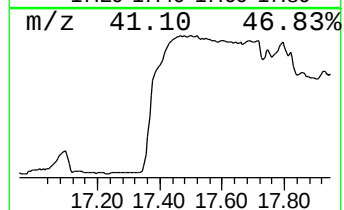
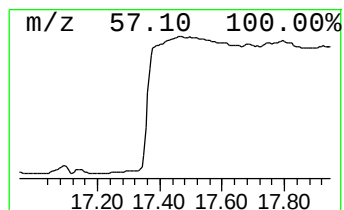
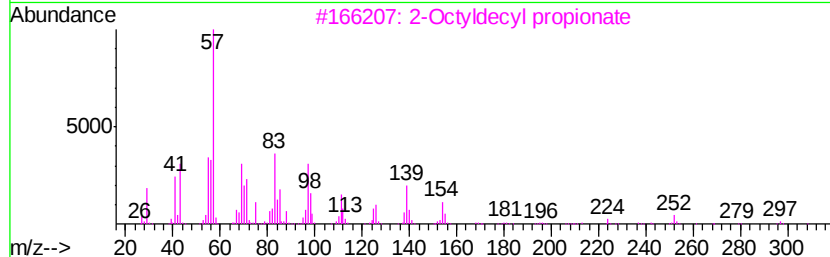
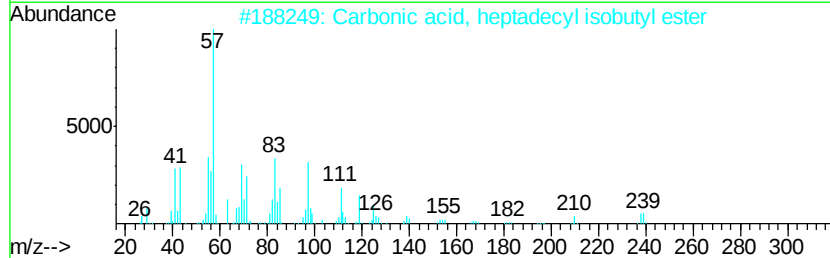
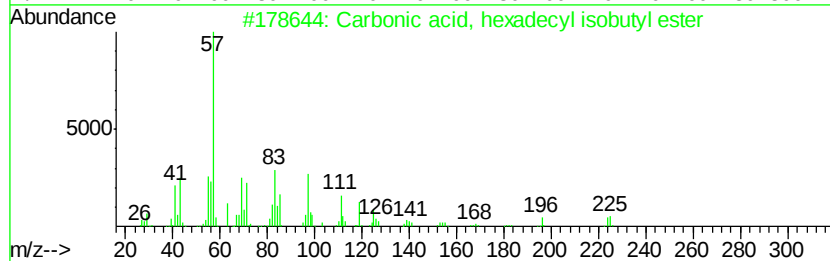
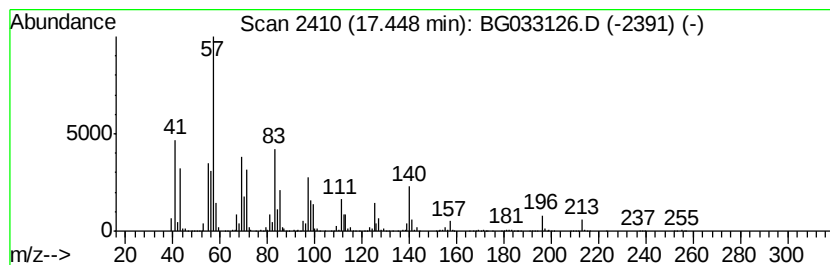
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 9 Carbonic acid, hexadecyl is... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1199.08 ng	129525000	Phenanthrene-d10	18.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1000314-61-3	74
2		Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	64
3		2-Octyldecyl propionate	326	C21H42O2	1000368-56-3	64
4		1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	59
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
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Misc :
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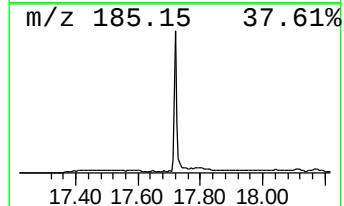
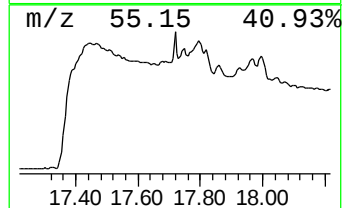
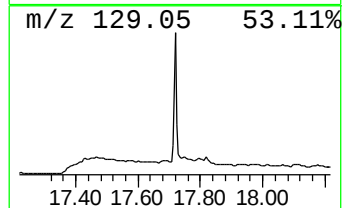
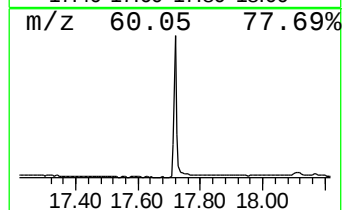
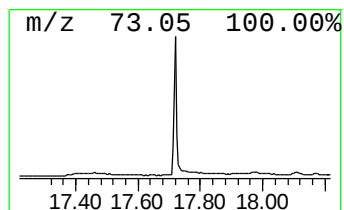
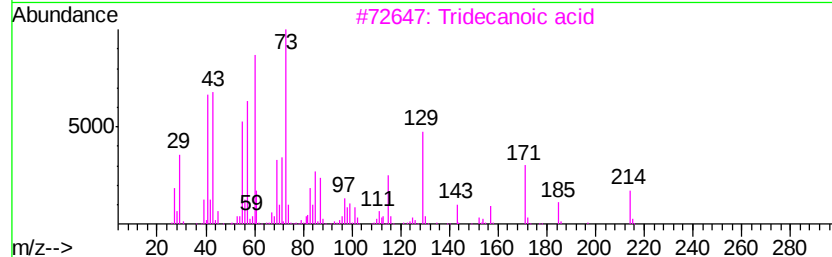
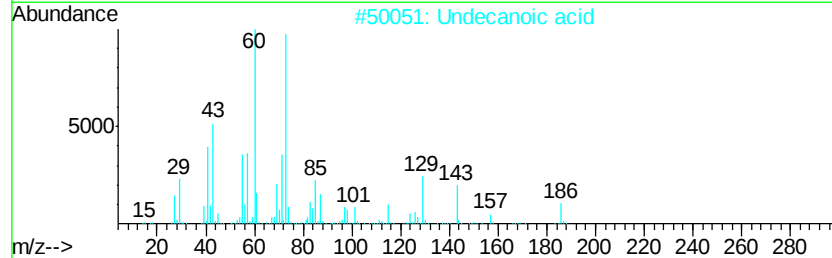
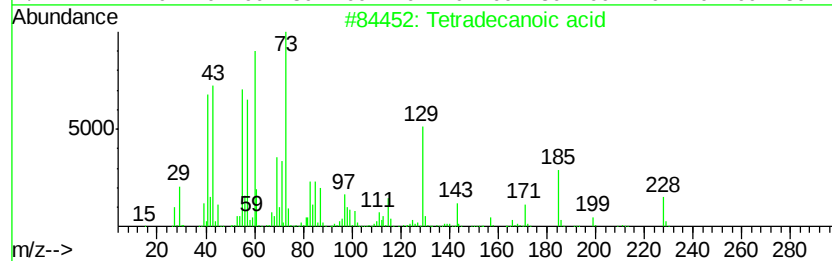
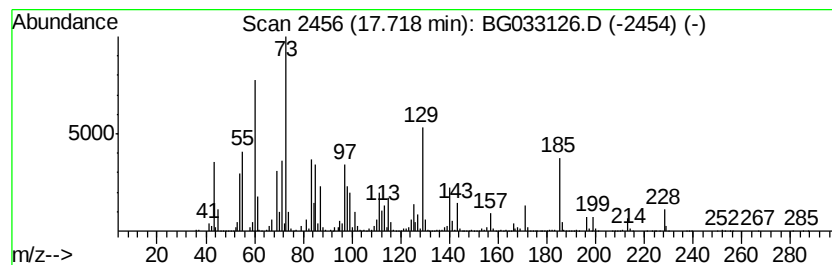
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 10 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	20.00 ng	2160400	Phenanthrene-d10	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2		Undecanoic acid	186	C11H22O2	000112-37-8	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	53
4		Dodecanoic acid	200	C12H24O2	000143-07-7	47
5		n-Decanoic acid	172	C10H20O2	000334-48-5	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
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Instrument :
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ClientSampleId :
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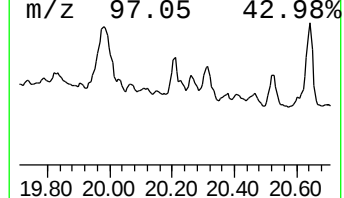
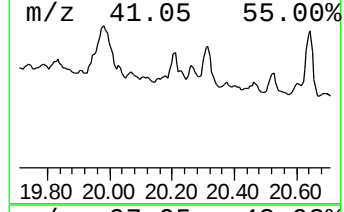
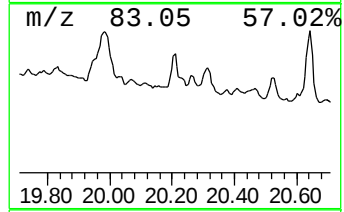
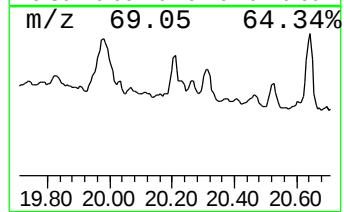
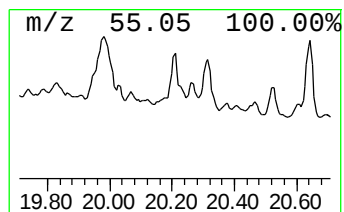
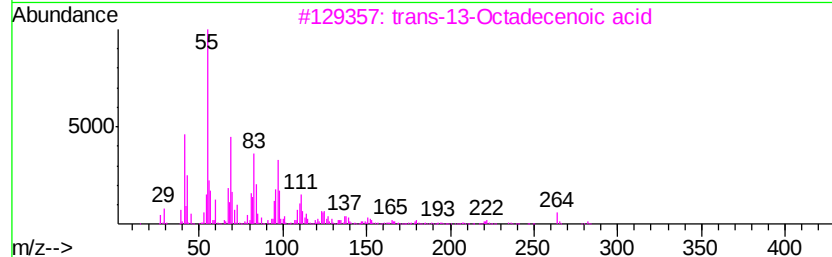
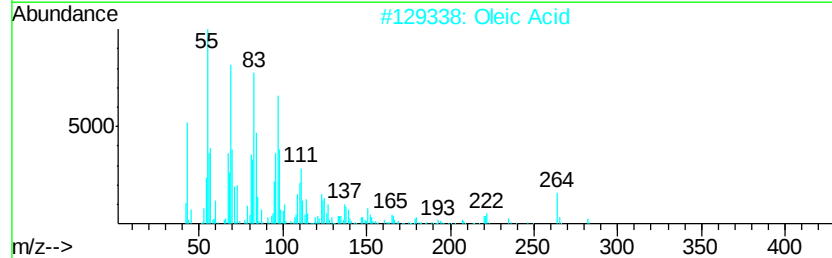
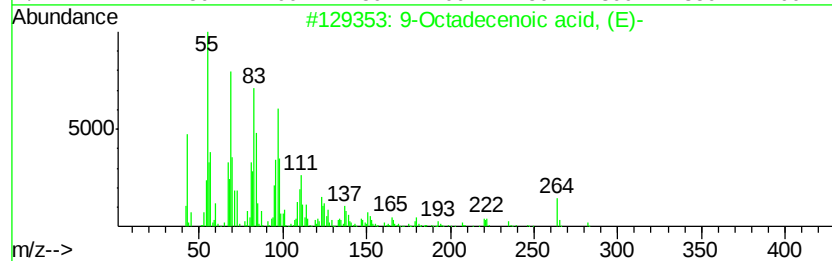
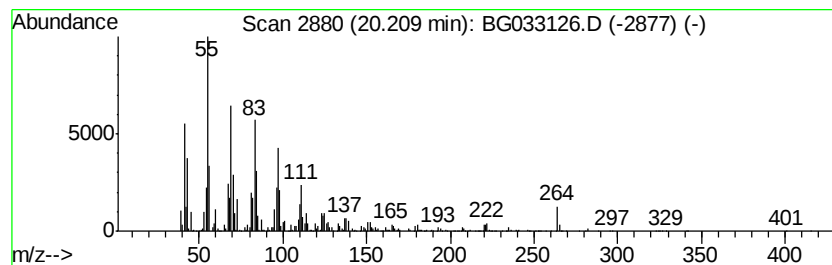
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 11 9-Octadecenoic acid, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.21	13.83 ng	1494310	Phenanthrene-d10	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2		Oleic Acid	282	C18H34O2	000112-80-1	98
3		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	93
4		9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	72
5		cis-Vaccenic acid	282	C18H34O2	000506-17-2	55



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
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Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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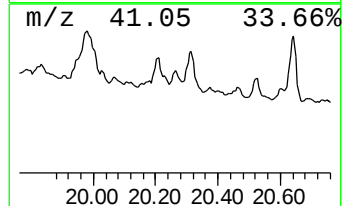
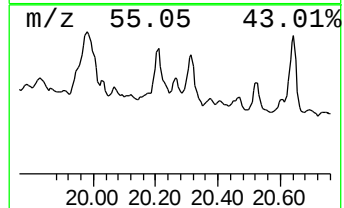
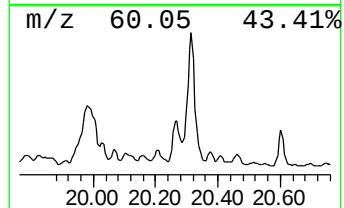
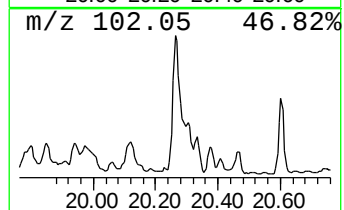
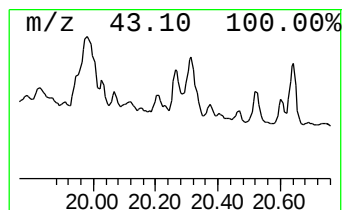
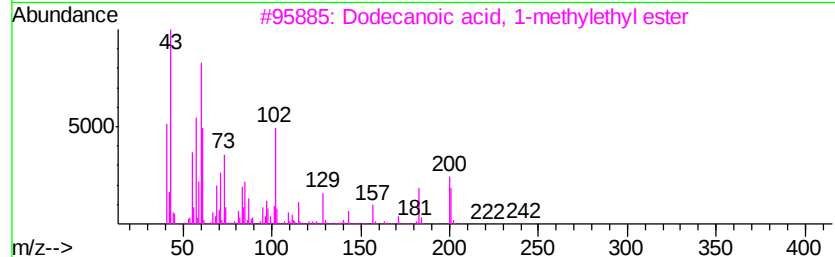
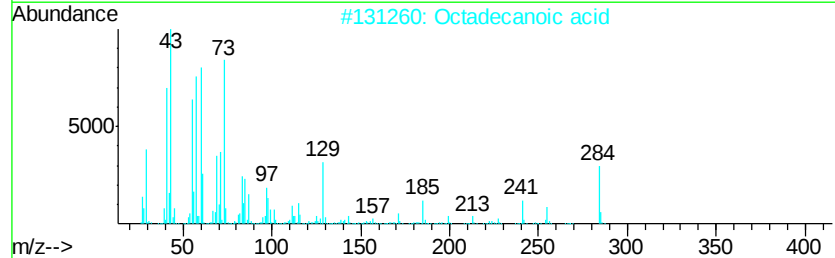
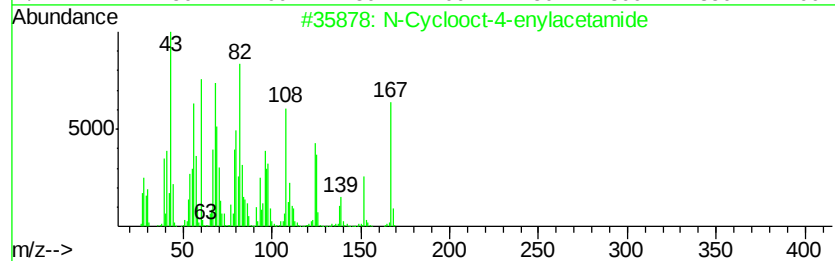
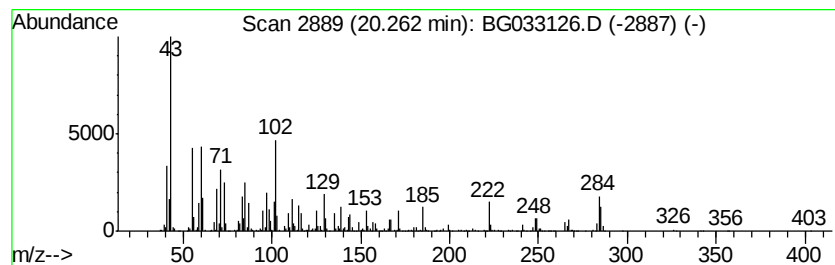
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown20.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	19.04 ng	2056650	Phenanthrene-d10	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	35
2		Octadecanoic acid	284	C18H36O2	000057-11-4	30
3		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	22
4		N-Acetyl-.alpha.-aminooxy-propio...	175	C7H13NO4	091666-51-2	17
5		Octadecanoic acid, propyl ester	326	C21H42O2	003634-92-2	16



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
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Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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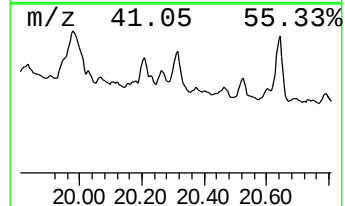
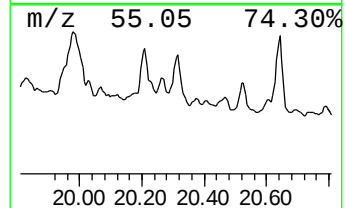
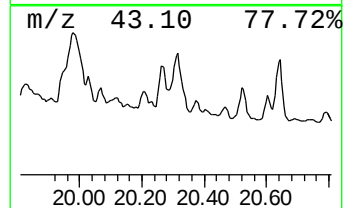
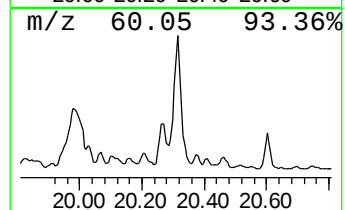
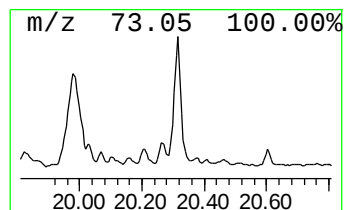
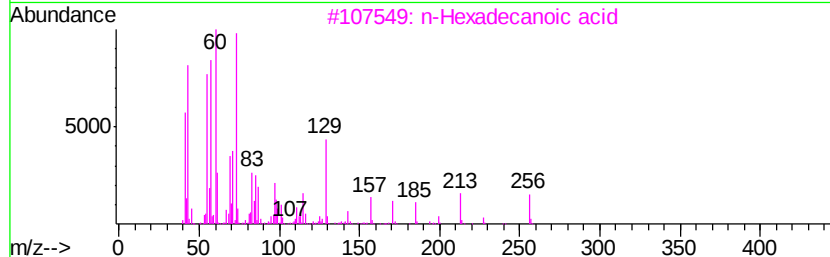
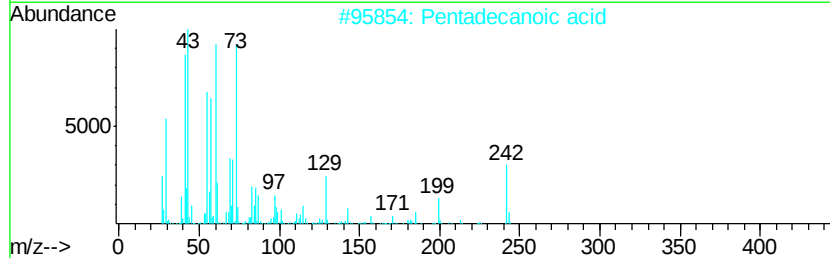
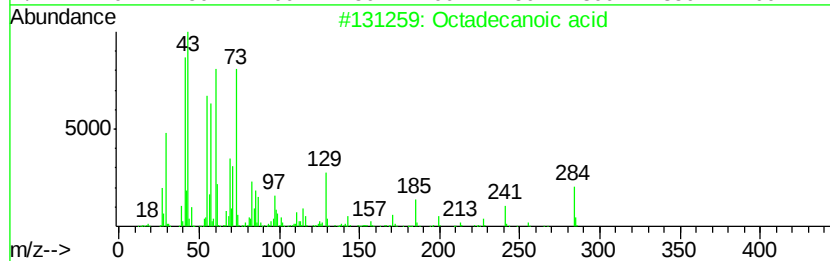
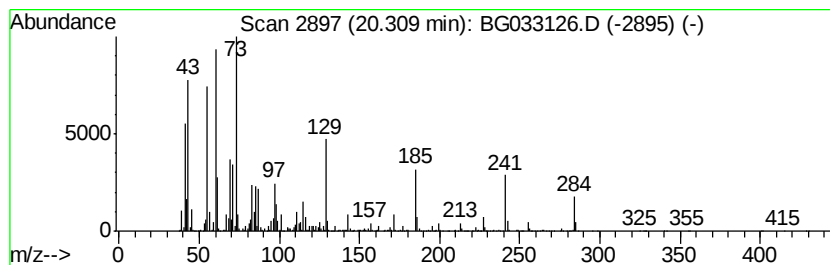
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	43.34 ng	4681460	Phenanthrene-d10	18.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	94
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG031318\
Data File : BG033126.D
Acq On : 13 Mar 2018 19:35
Operator : SJ/JU
Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFFWW

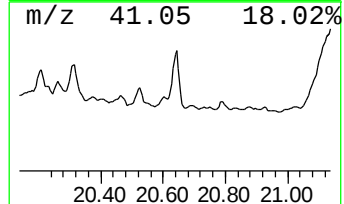
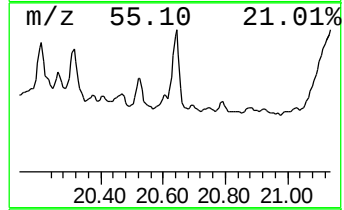
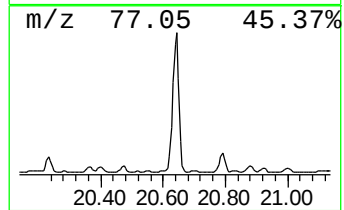
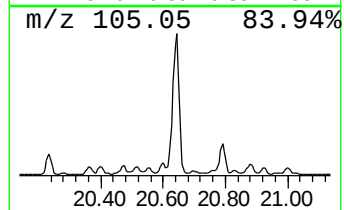
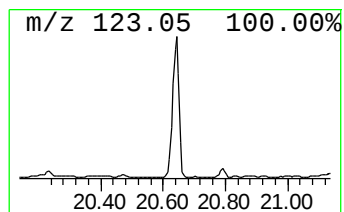
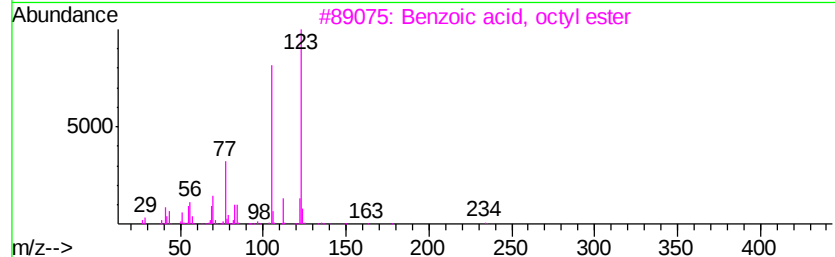
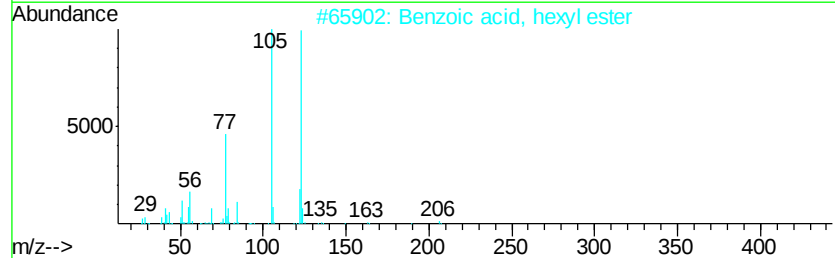
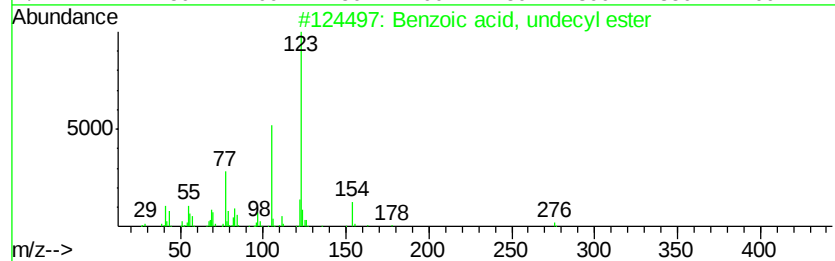
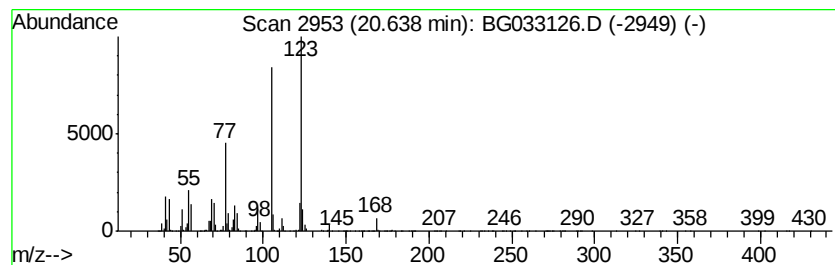
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, undecyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	20.00 ng	10547800	Chrysene-d12	22.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	86
2		Benzoic acid, hexyl ester	206	C13H18O2	006789-88-4	80
3		Benzoic acid, octyl ester	234	C15H22O2	000094-50-8	80
4		Benzoic acid, 10-chlorodecyl ester	296	C17H25ClO2	1000368-75-3	80
5		Benzoic acid, heptyl ester	220	C14H20O2	007155-12-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031318\
Data File : BG033126.D
Acq On : 13 Mar 2018 19:35
Operator : SJ/JU
Sample : J1889-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFFWW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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
cis-1-Butyl-2-met...	9.06	20.0	ng	64731000	1	8.91	64731000	20.0
Hexanoic acid, 2-...	10.48	20.0	ng	10375900	2	11.80	10375900	20.0
n-Decanoic acid	13.82	6.2	ng	1720640	3	15.52	5540450	20.0
Cyclopropane, nonyl-	15.12	20.0	ng	5540450	3	15.52	5540450	20.0
1-Dodecanol	16.09	17.6	ng	4881160	3	15.52	5540450	20.0
Dodecanoic acid	16.34	226.0	ng	62613500	3	15.52	5540450	20.0
unknown16.68	16.88	5.9	ng	1633990	3	15.52	5540450	20.0
Tridecanoic acid	17.10	46.1	ng	4979960	4	18.30	2160400	20.0
Carbonic acid, he...	17.45	1199.1	ng	129525000	4	18.30	2160400	20.0
Tetradecanoic acid	17.72	20.0	ng	2160400	4	18.30	2160400	20.0
9-Octadecenoic ac...	20.21	13.8	ng	1494310	4	18.30	2160400	20.0
unknown20.26	20.26	19.0	ng	2056650	4	18.30	2160400	20.0
Octadecanoic acid	20.31	43.3	ng	4681460	4	18.30	2160400	20.0
Benzoic acid, und...	20.64	20.0	ng	10547800	5	22.64	10547800	20.0