

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041361.D
 Acq On : 20 Jun 2019 17:44
 Operator : HP/JU
 Sample : K3157-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-C

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-BG061719.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	3.149	5	10	18	rVB2	61965	104840	1.81%	0.484%
2	5.623	424	431	444	rBV	286623	505535	8.71%	2.335%
3	7.238	699	706	720	rBV	327422	588361	10.13%	2.717%
4	7.609	762	769	787	rVB	323542	601235	10.35%	2.777%
5	8.079	843	849	859	rVB	154675	270361	4.66%	1.249%
6	8.402	897	904	913	rBV	251141	455501	7.84%	2.104%
7	9.260	1043	1050	1061	rBV	199868	387516	6.67%	1.790%
8	10.905	1321	1330	1339	rBV	199724	368039	6.34%	1.700%
9	13.337	1737	1744	1751	rBV	579971	895164	15.41%	4.134%
10	14.160	1874	1884	1889	rBV	60582	101698	1.75%	0.470%
11	14.718	1973	1979	1986	rVB2	327759	517865	8.92%	2.392%
12	15.517	2108	2115	2119	rBV	53935	72694	1.25%	0.336%
13	15.916	2176	2183	2188	rBV2	27963	58936	1.01%	0.272%
14	16.210	2226	2233	2239	rBV	451151	701327	12.08%	3.239%
15	16.381	2256	2262	2270	rBV2	63117	127791	2.20%	0.590%
16	17.168	2392	2396	2399	rBV	59474	73425	1.26%	0.339%
17	17.468	2441	2447	2452	rBV2	402352	624813	10.76%	2.886%
18	17.908	2518	2522	2525	rBV	56067	67342	1.16%	0.311%
19	18.090	2548	2553	2559	rVB	1191587	1417139	24.40%	6.545%
20	18.320	2588	2592	2601	rBV3	154240	263712	4.54%	1.218%
21	19.230	2742	2747	2750	rBV	3860994	4927674	84.85%	22.758%
22	19.265	2750	2753	2763	rVB2	4664921	5807194	100.00%	26.819%
23	19.389	2769	2774	2778	rBV	537315	653691	11.26%	3.019%
24	19.448	2780	2784	2785	rBV3	124262	146503	2.52%	0.677%
25	19.471	2785	2788	2792	rVB2	177284	230289	3.97%	1.064%
26	20.065	2884	2889	2894	rBV	931219	1182448	20.36%	5.461%
27	21.745	3172	3175	3183	rVB2	315754	501843	8.64%	2.318%

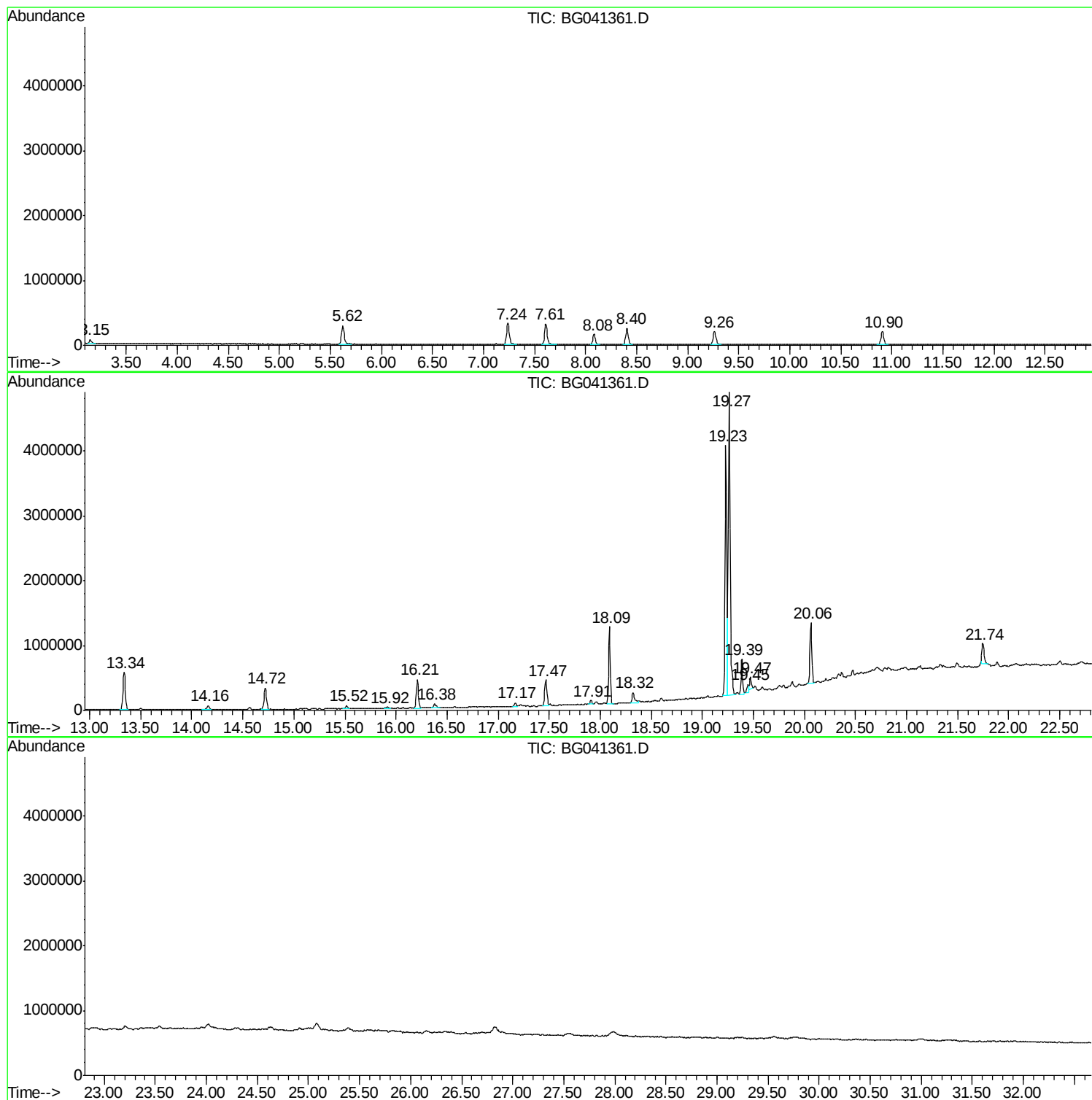
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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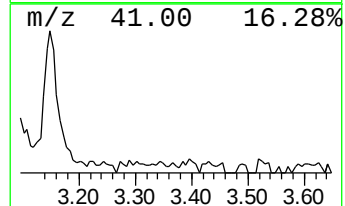
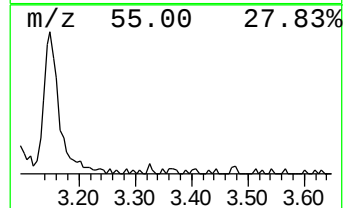
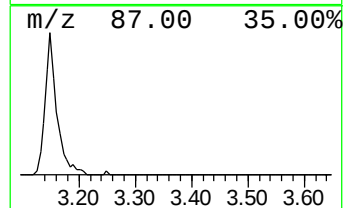
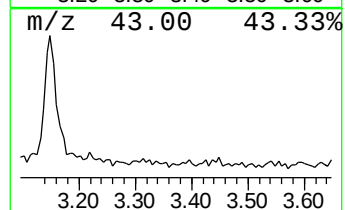
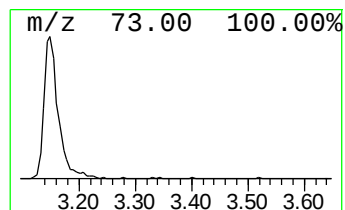
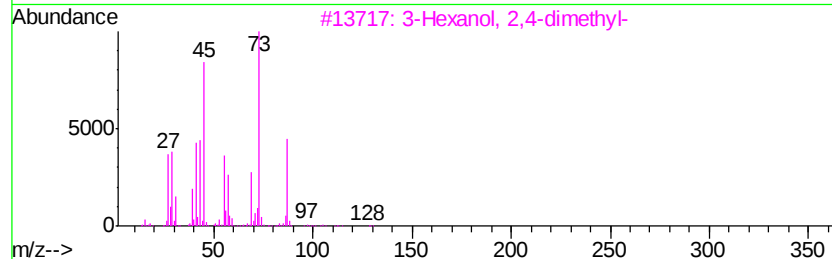
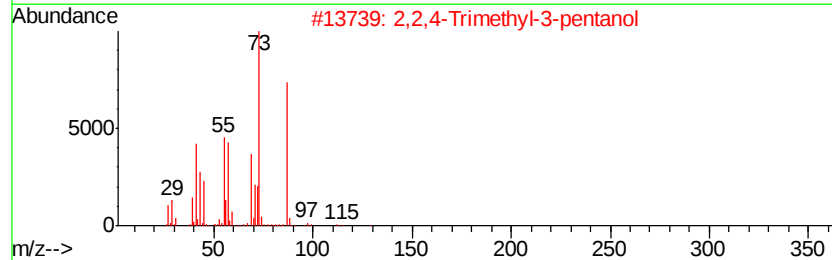
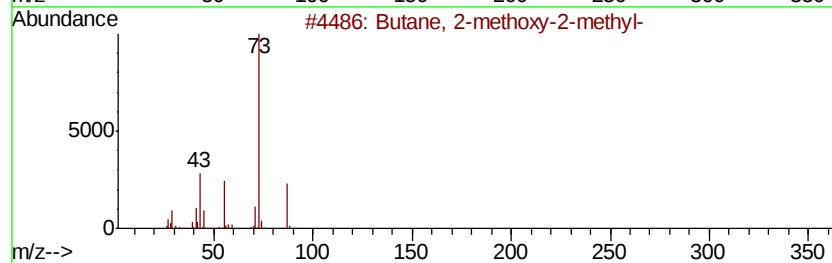
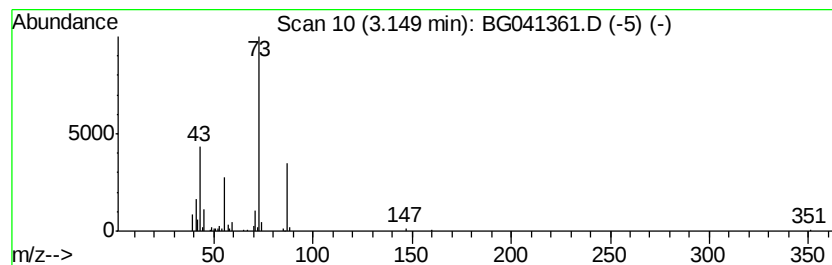
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	7.76 ng	104840	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	80
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	59
3		3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	45
4		3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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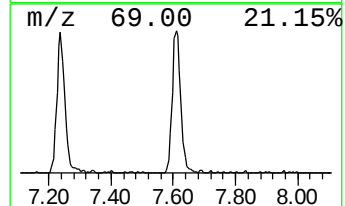
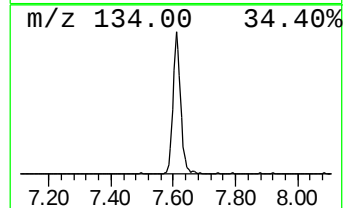
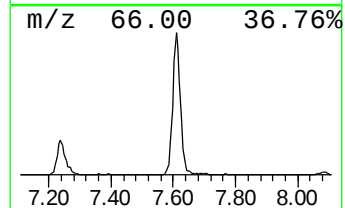
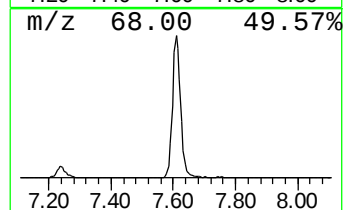
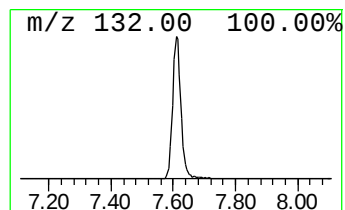
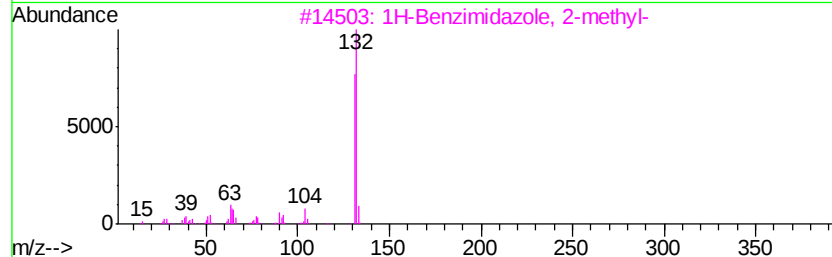
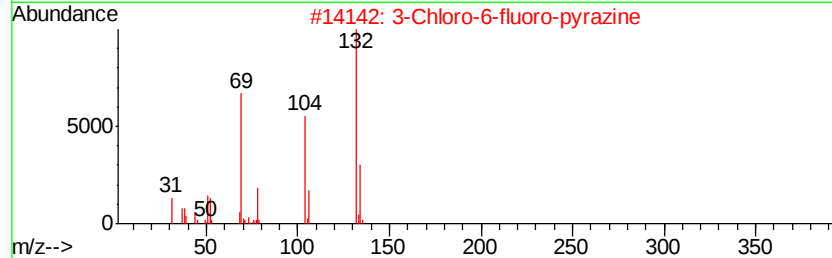
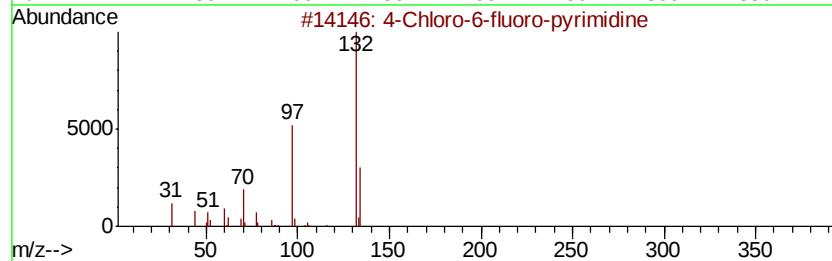
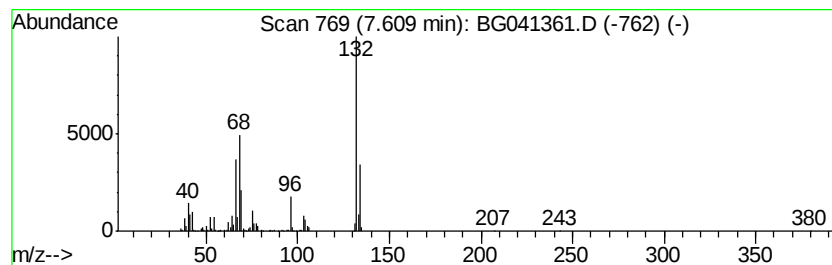
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 unknown7.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	44.48 ng	601235	1,4-Dichlorobenzene-d4	8.08

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		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5		5-Aminoindole	132	C8H8N2	005192-03-0	22



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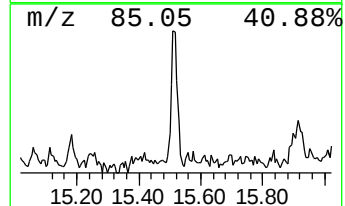
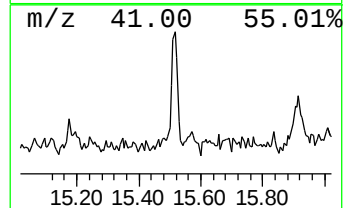
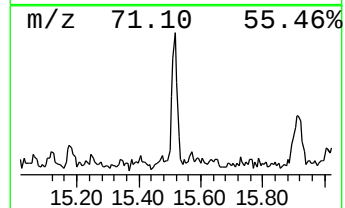
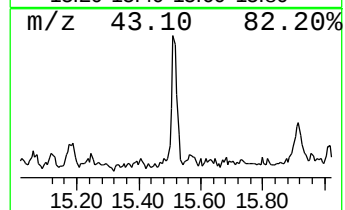
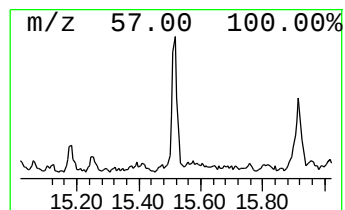
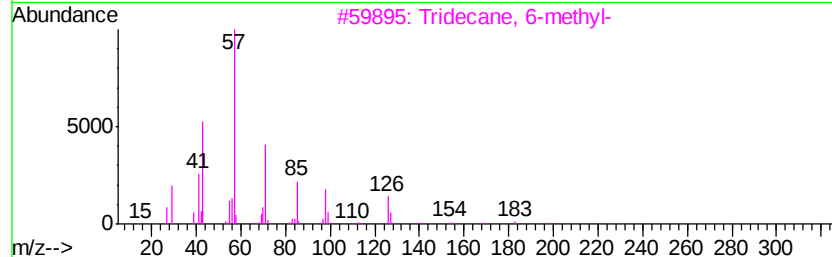
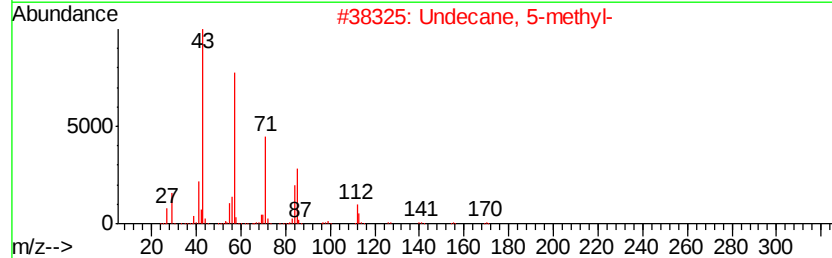
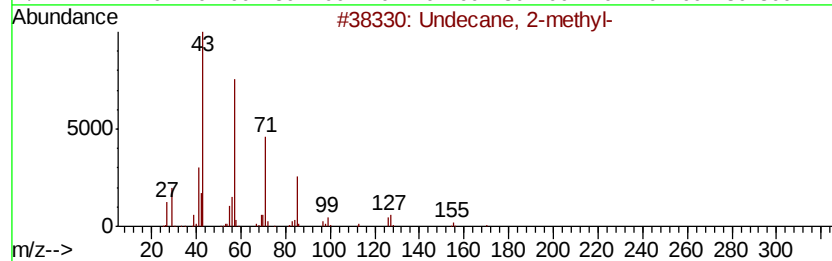
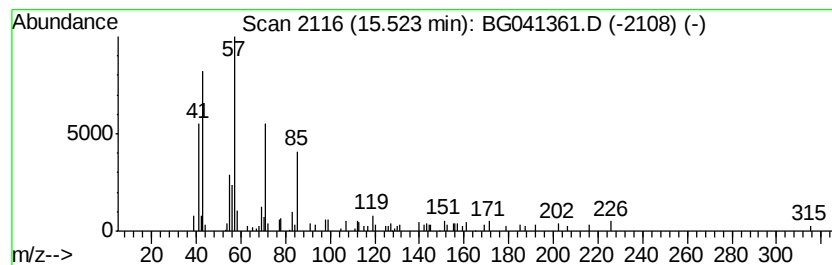
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Peak Number 4 Undecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.52	2.81 ng	72694	Acenaphthene-d10		14.72
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	80
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68



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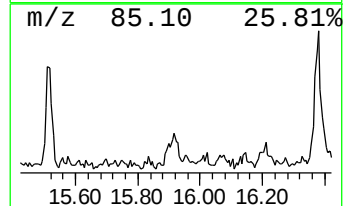
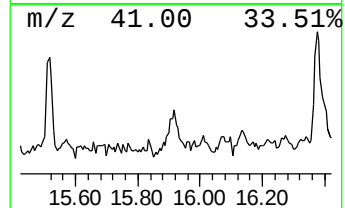
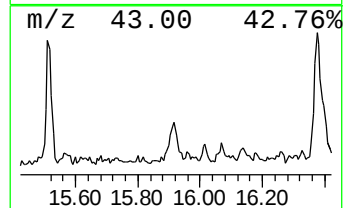
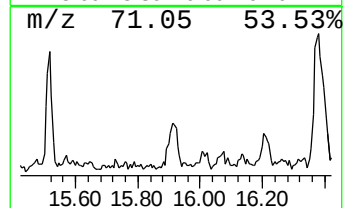
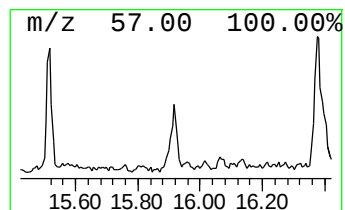
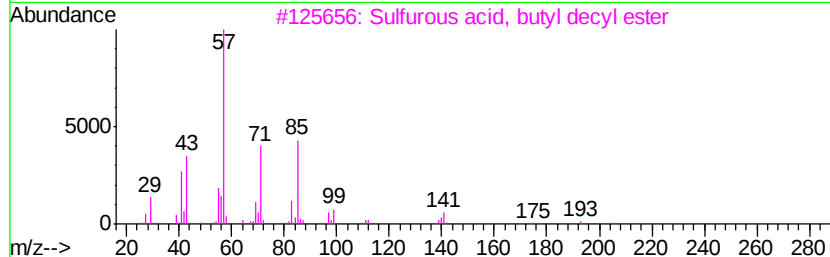
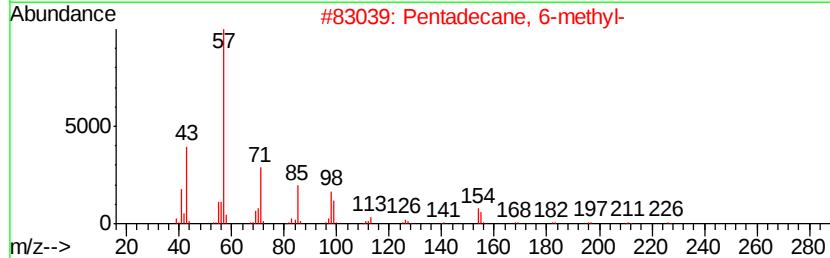
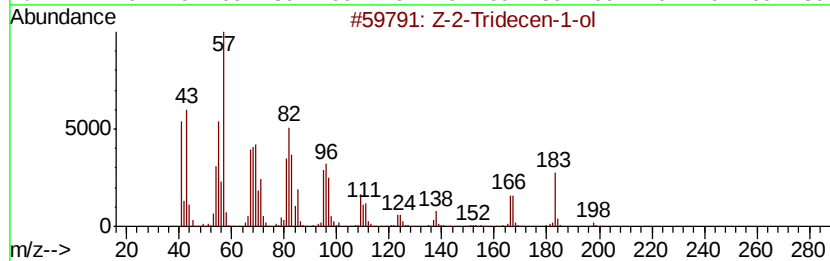
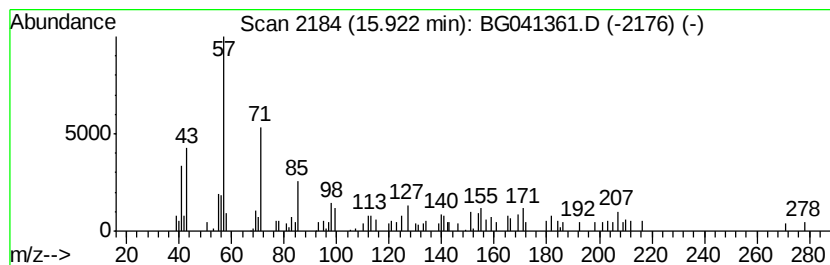
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Peak Number 5 Z-2-Tridecen-1-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.92	2.28 ng	58936	Acenaphthene-d10	14.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8 60
2		Pentadecane, 6-methyl-	226 C16H34	010105-38-1 50
3		Sulfurous acid, butyl decyl ester	278 C14H30O3S	1000309-17-7 47
4		Tridecane	184 C13H28	000629-50-5 43
5		Nonane, 2-methyl-5-propyl-	184 C13H28	031081-17-1 38



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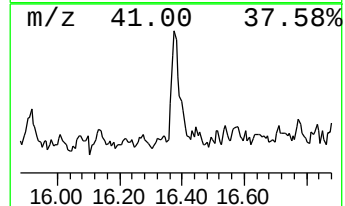
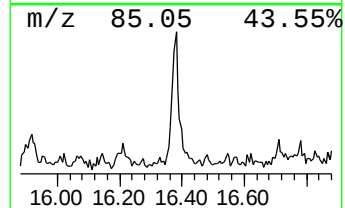
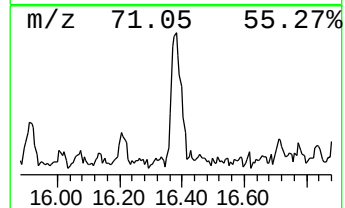
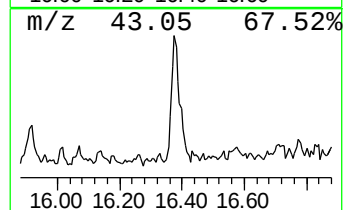
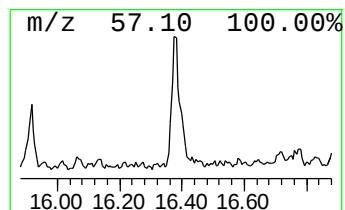
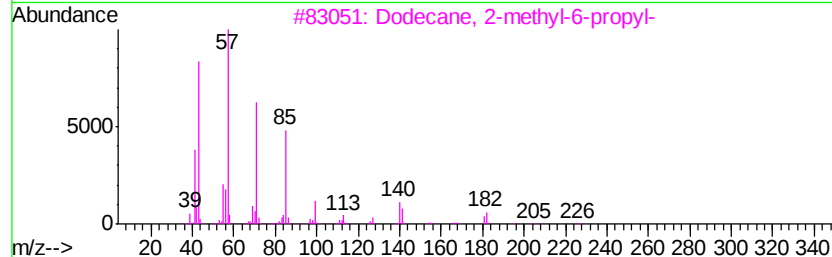
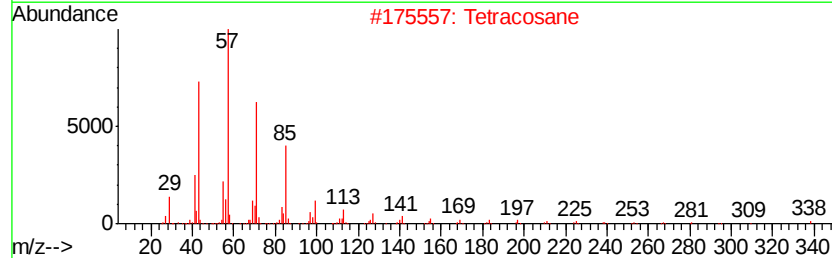
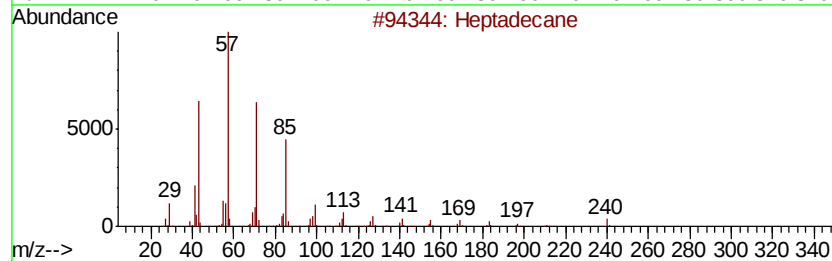
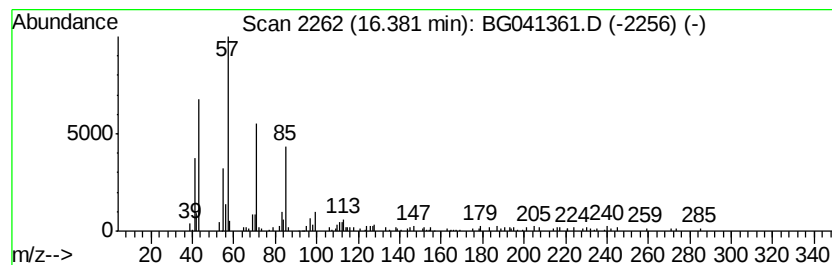
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	4.09 ng	127791	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Tetracosane		338	C24H50	000646-31-1	80
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	80
4	Hexadecane		226	C16H34	000544-76-3	58
5	Octacosane		394	C28H58	000630-02-4	58



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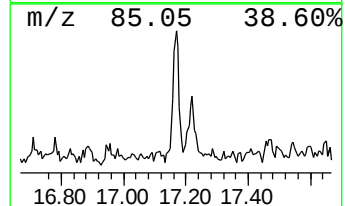
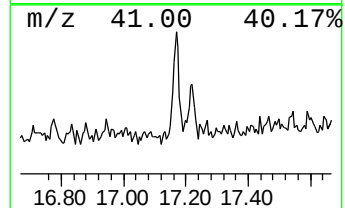
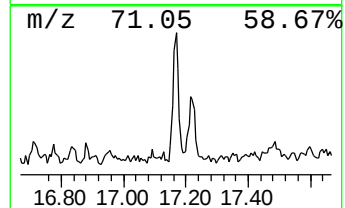
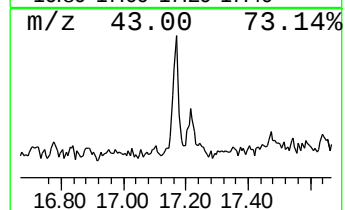
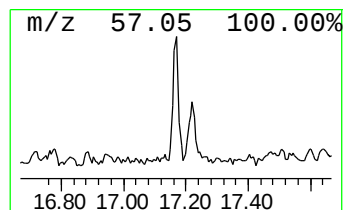
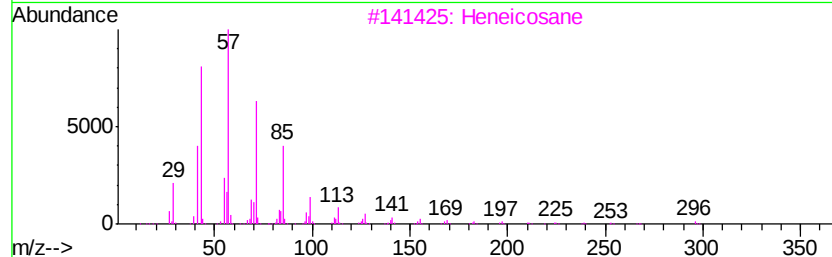
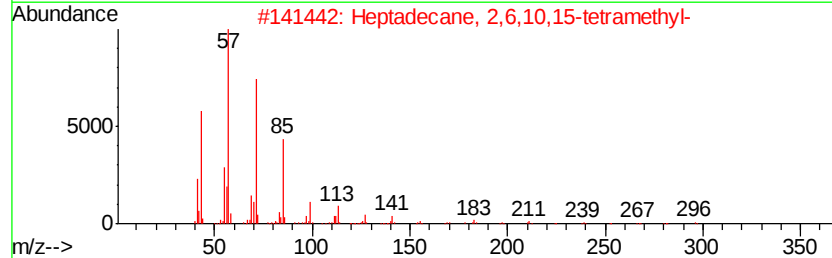
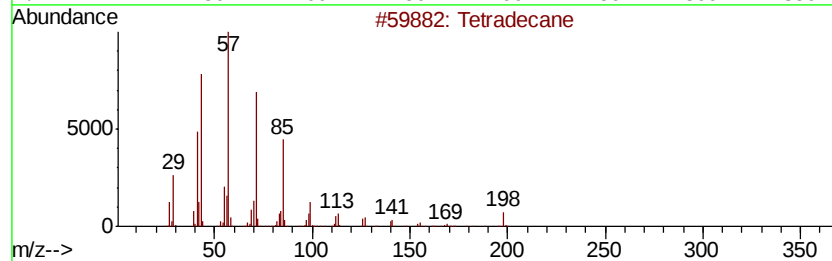
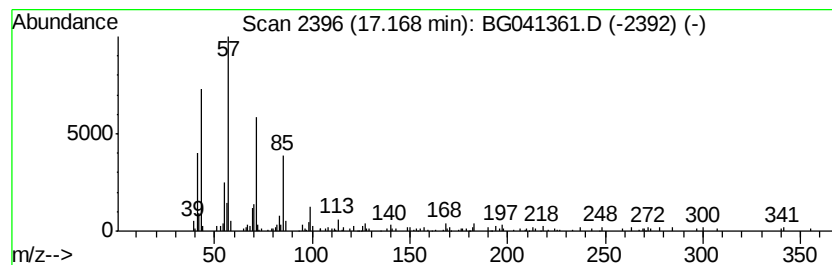
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	2.35 ng	73425	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Octacosane	394	C28H58	000630-02-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-C

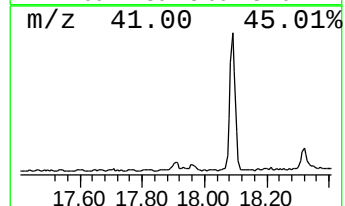
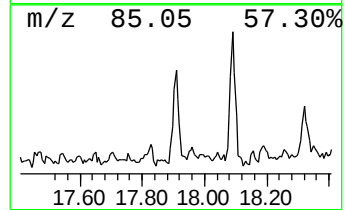
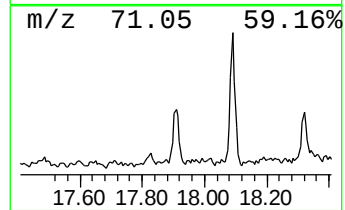
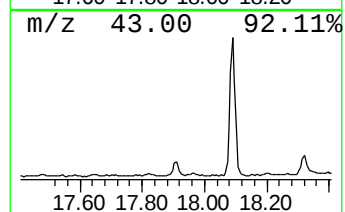
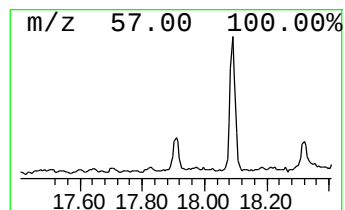
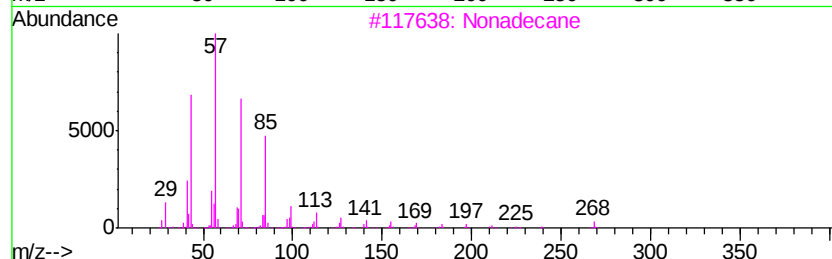
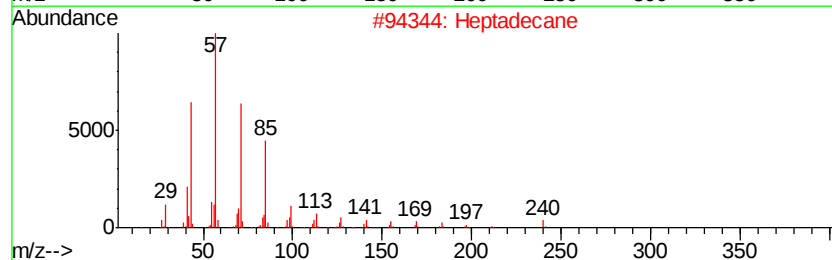
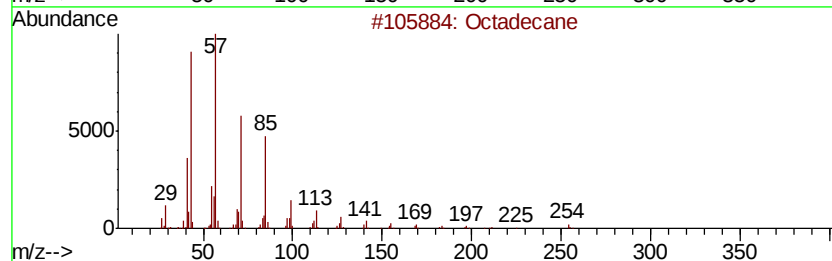
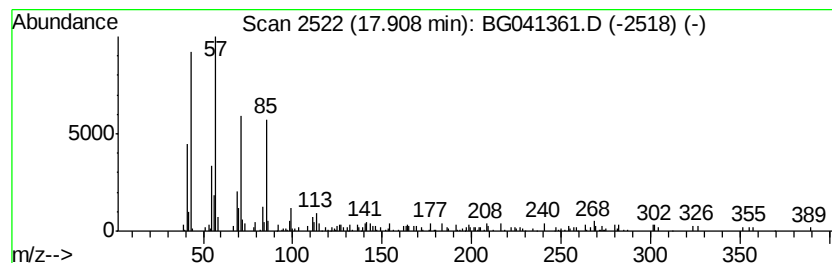
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	2.16 ng	67342	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	93
2		Heptadecane	240	C17H36	000629-78-7	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
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Instrument :
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ClientSampleId :
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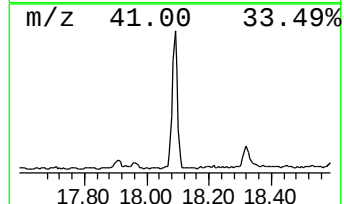
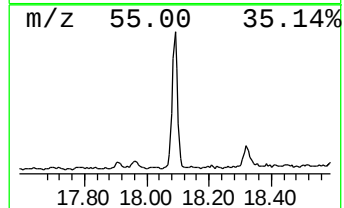
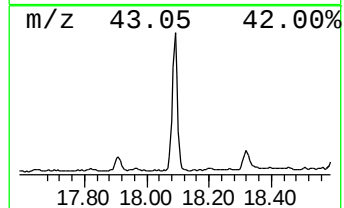
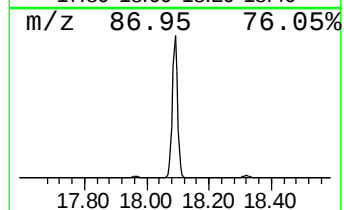
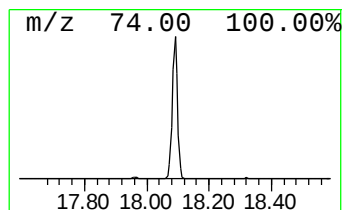
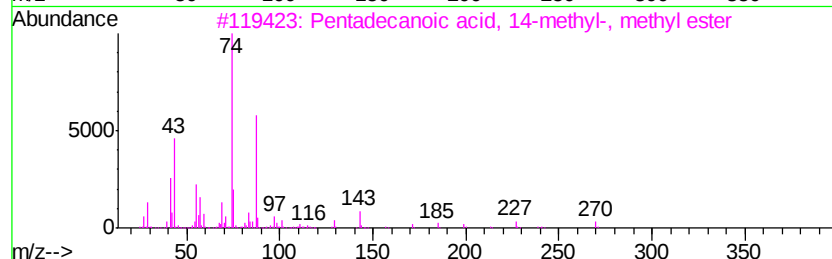
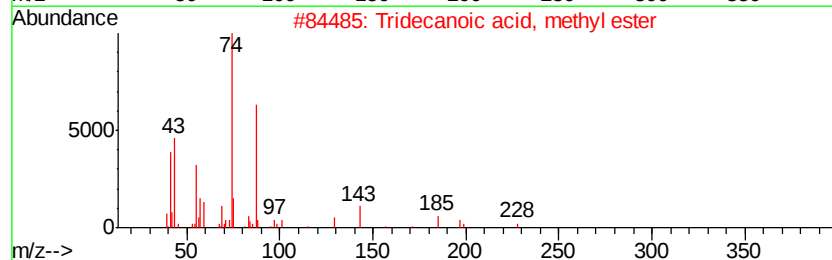
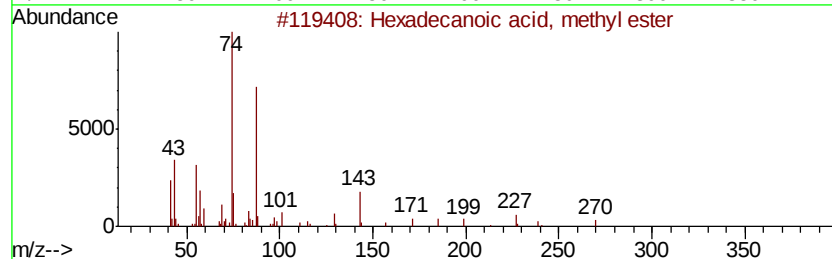
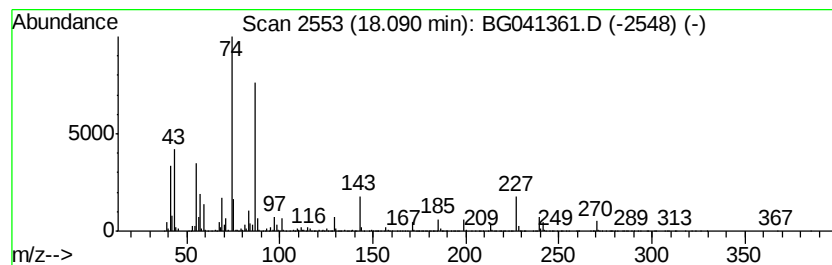
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	45.36 ng	1417140	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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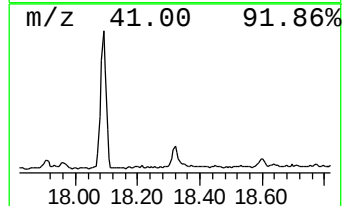
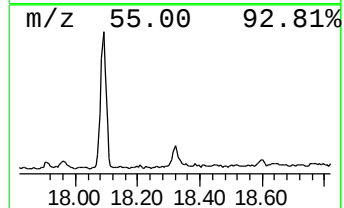
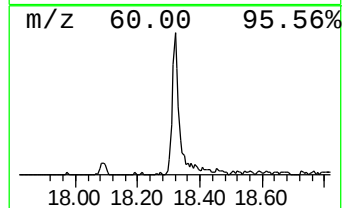
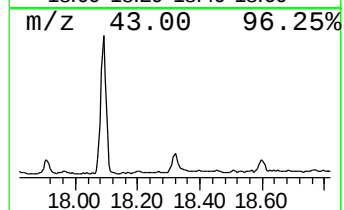
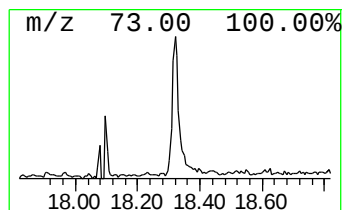
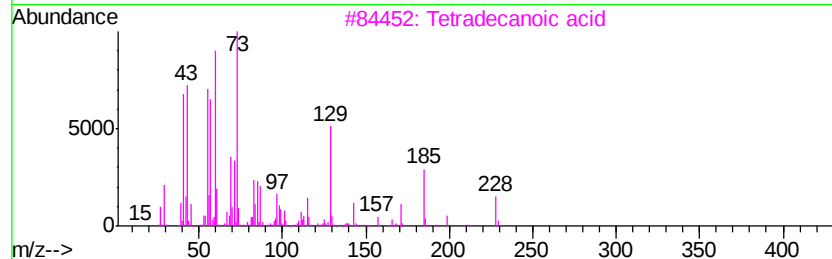
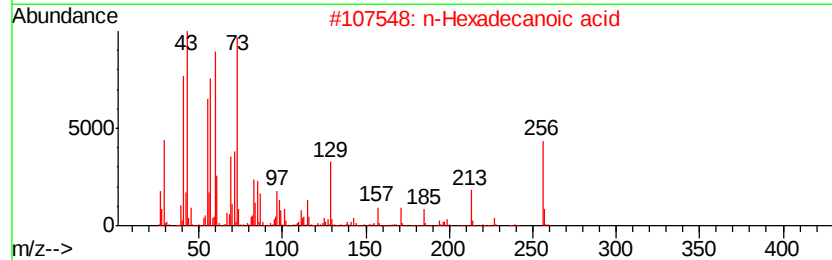
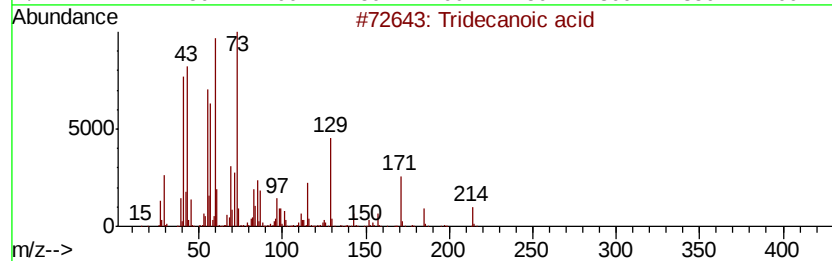
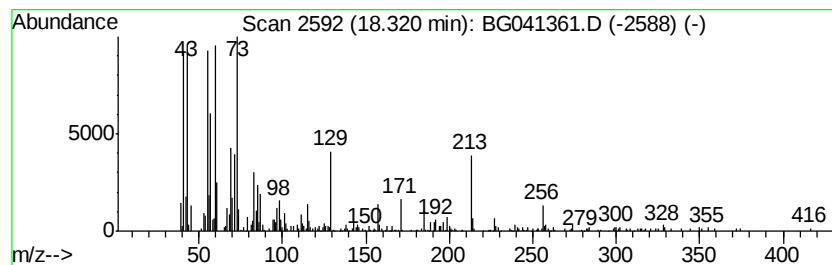
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	8.44 ng	263712	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	89
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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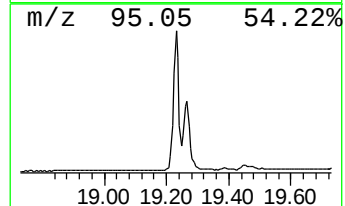
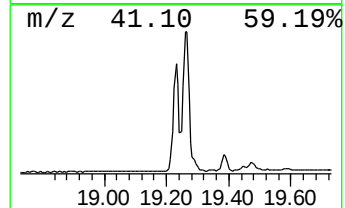
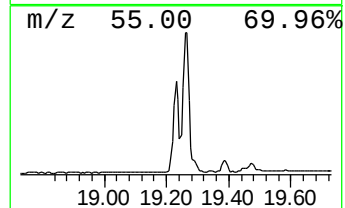
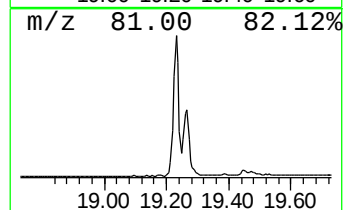
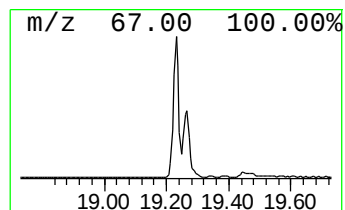
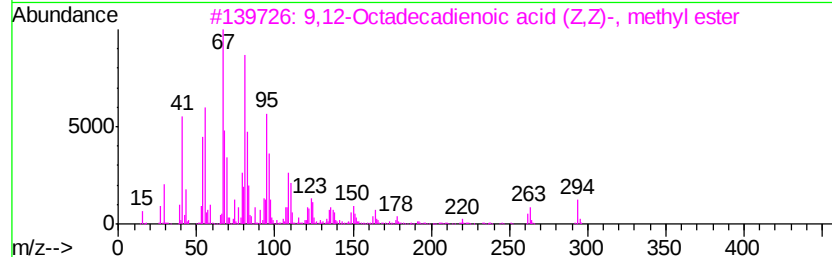
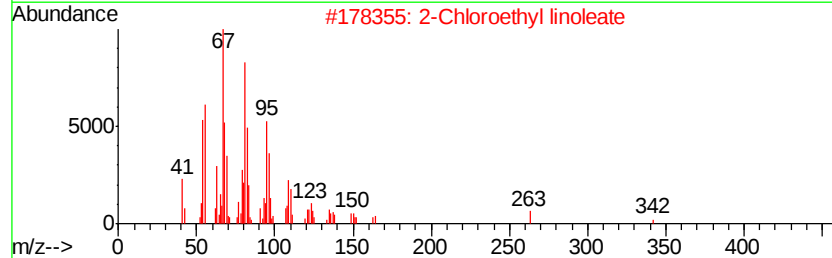
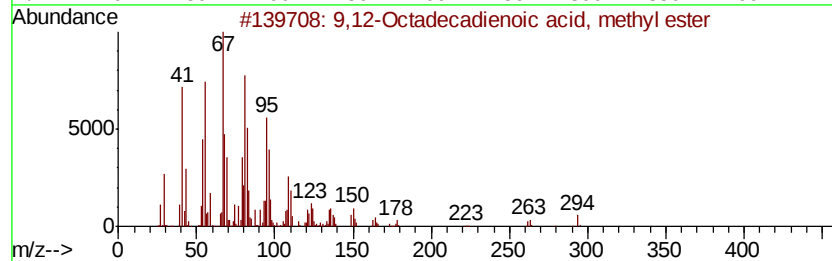
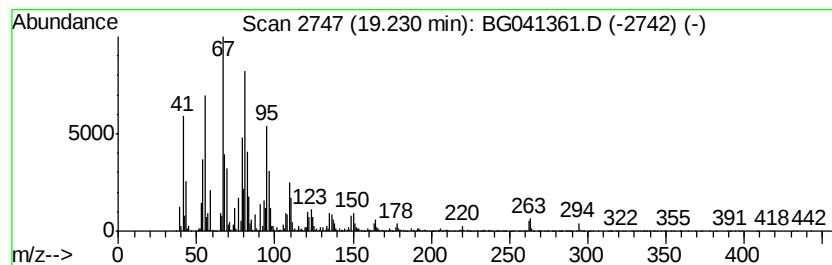
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	157.73 ng	4927670	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2		2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

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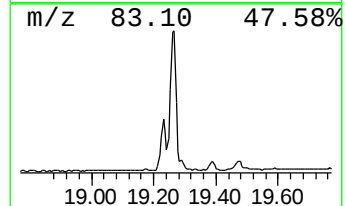
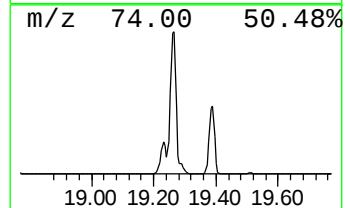
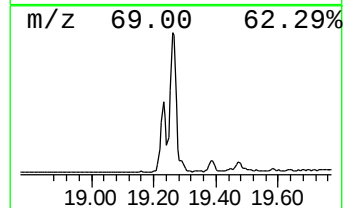
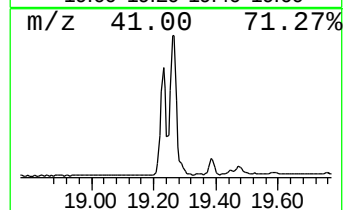
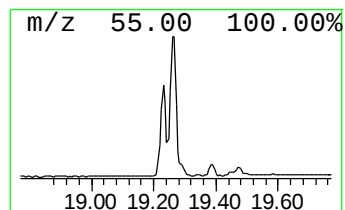
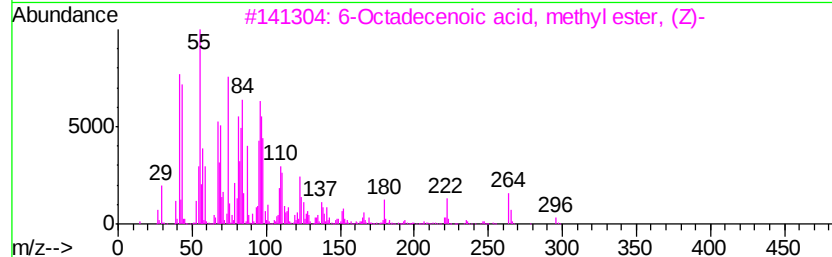
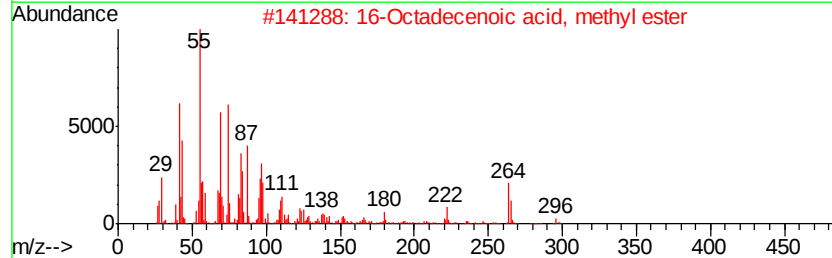
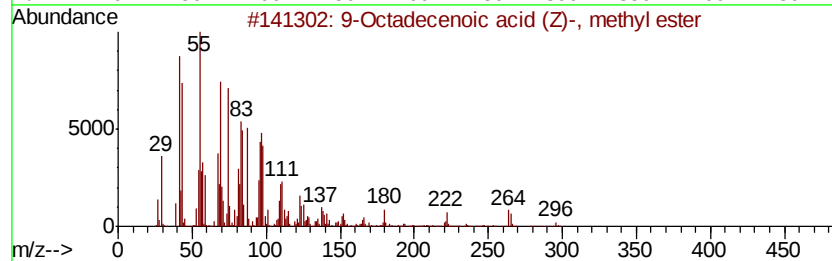
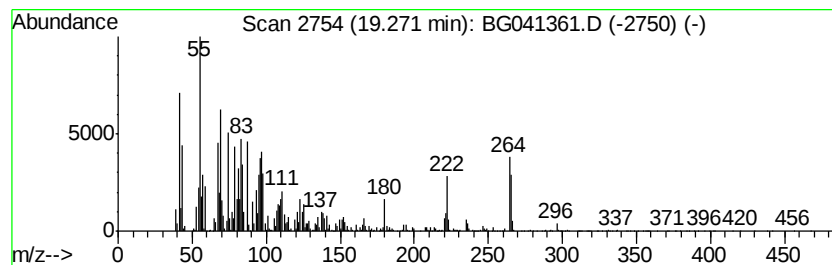
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	185.89 ng	5807190	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	98
4		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
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Sample : K3157-05 2X
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ALS Vial : 10 Sample Multiplier: 1

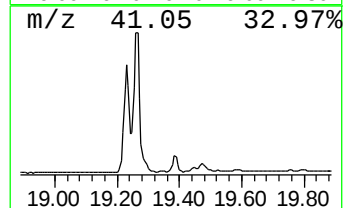
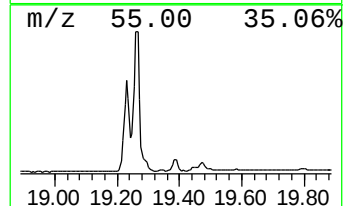
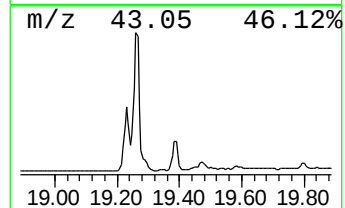
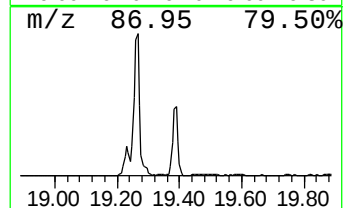
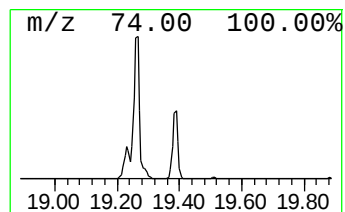
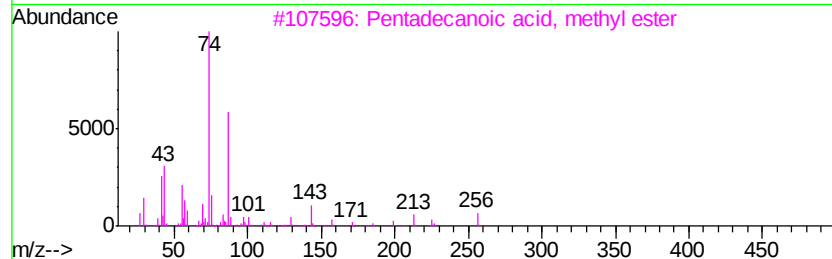
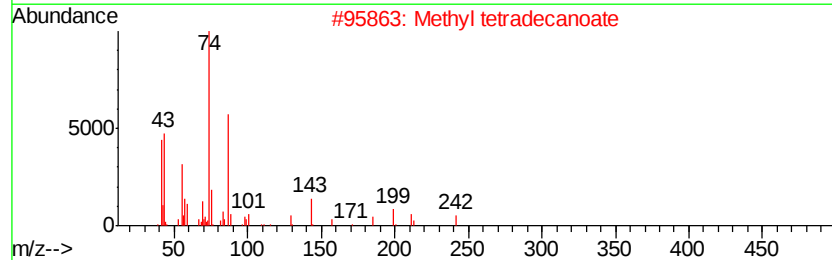
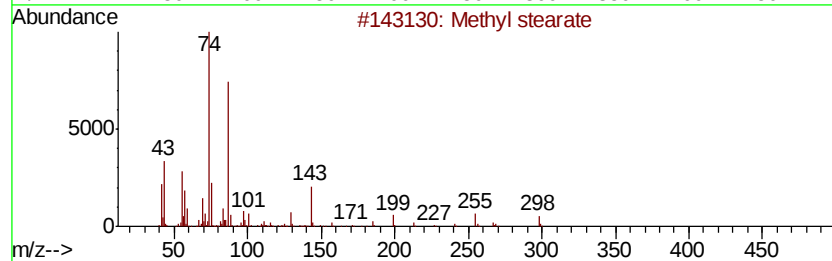
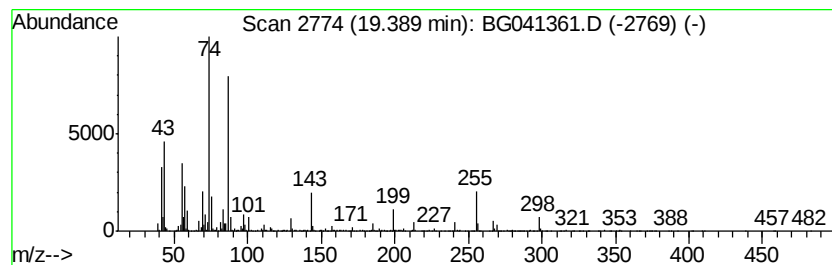
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.39	20.92 ng	653691	Phenanthrene-d10		17.47	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	95
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
4		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041361.D
Acq On : 20 Jun 2019 17:44
Operator : HP/JU
Sample : K3157-05 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-061719-C

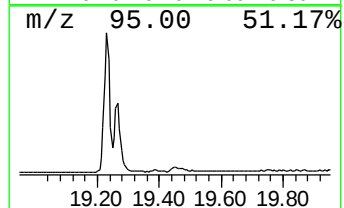
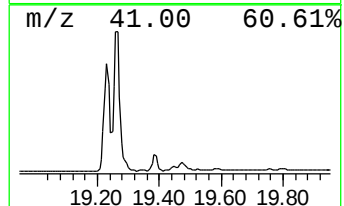
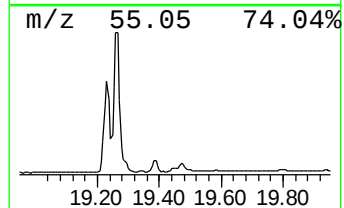
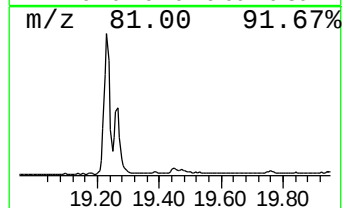
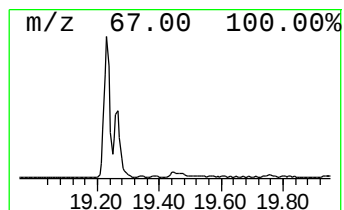
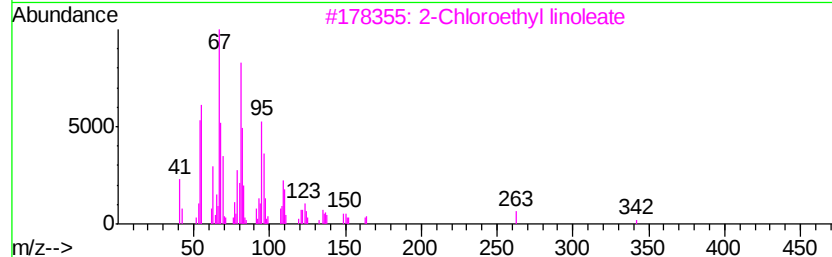
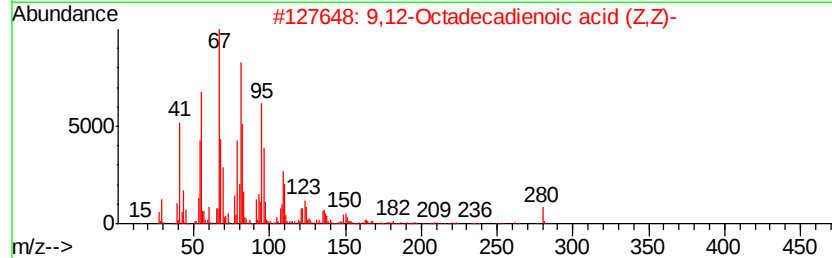
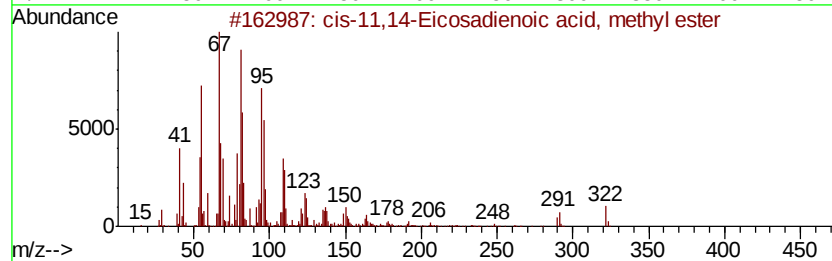
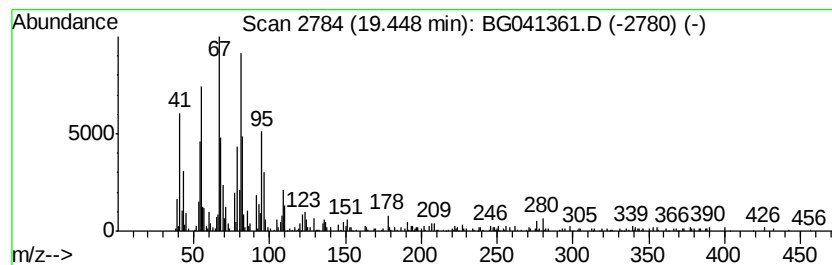
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 cis-11,14-Eicosadienoic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	4.69 ng	146503	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	91
2			9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	91
3			2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
4			1-Hexadecyne	222	C16H30	000629-74-3	90
5			11,13-Eicosadienoic acid, methyl...	322	C21H38O2	056599-57-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
 Data File : BG041361.D
 Acq On : 20 Jun 2019 17:44
 Operator : HP/JU
 Sample : K3157-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-061719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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...	3.15	7.8	ng	104840	1	8.08	270361	20.0
unknown7.61	7.61	44.5	ng	601235	1	8.08	270361	20.0
Undecane, 2-methyl-	15.52	2.8	ng	72694	3	14.72	517865	20.0
Z-2-Tridecen-1-ol	15.92	2.3	ng	58936	3	14.72	517865	20.0
Heptadecane	16.38	4.1	ng	127791	4	17.47	624813	20.0
Tetradecane	17.17	2.4	ng	73425	4	17.47	624813	20.0
Octadecane	17.91	2.2	ng	67342	4	17.47	624813	20.0
Hexadecanoic acid...	18.09	45.4	ng	1417140	4	17.47	624813	20.0
Tridecanoic acid	18.32	8.4	ng	263712	4	17.47	624813	20.0
9,12-Octadecadien...	19.23	157.7	ng	4927670	4	17.47	624813	20.0
9-Octadecenoic ac...	19.27	185.9	ng	5807190	4	17.47	624813	20.0
Methyl stearate	19.39	20.9	ng	653691	4	17.47	624813	20.0
cis-11,14-Eicosad...	19.45	4.7	ng	146503	4	17.47	624813	20.0