

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045323.D
 Acq On : 12 May 2020 10:00
 Operator : CG/JU
 Sample : L2506-01 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-050720

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.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	7.973	823	831	841	rBV	281891	516079	2.48%	1.128%
2	10.781	1299	1309	1326	rBV	404621	781571	3.76%	1.708%
3	13.236	1721	1727	1734	rBV	152365	255083	1.23%	0.557%
4	14.617	1955	1962	1971	rBV	661582	1102896	5.30%	2.410%
5	17.366	2423	2430	2442	rBV	797262	1273007	6.12%	2.782%
6	18.047	2538	2546	2551	rBV	2920707	3944580	18.97%	8.620%
7	19.193	2733	2741	2743	rBV	14676006	20790791	100.00%	45.434%
8	19.222	2743	2746	2755	rVB2	9899016	12503148	60.14%	27.323%
9	19.346	2762	2767	2772	rVB	1446649	1816338	8.74%	3.969%
10	19.980	2870	2875	2887	rVB	291418	433769	2.09%	0.948%
11	21.631	3150	3156	3162	rBV2	682312	1183958	5.69%	2.587%
12	24.797	3687	3695	3705	rBV	426994	1158870	5.57%	2.532%

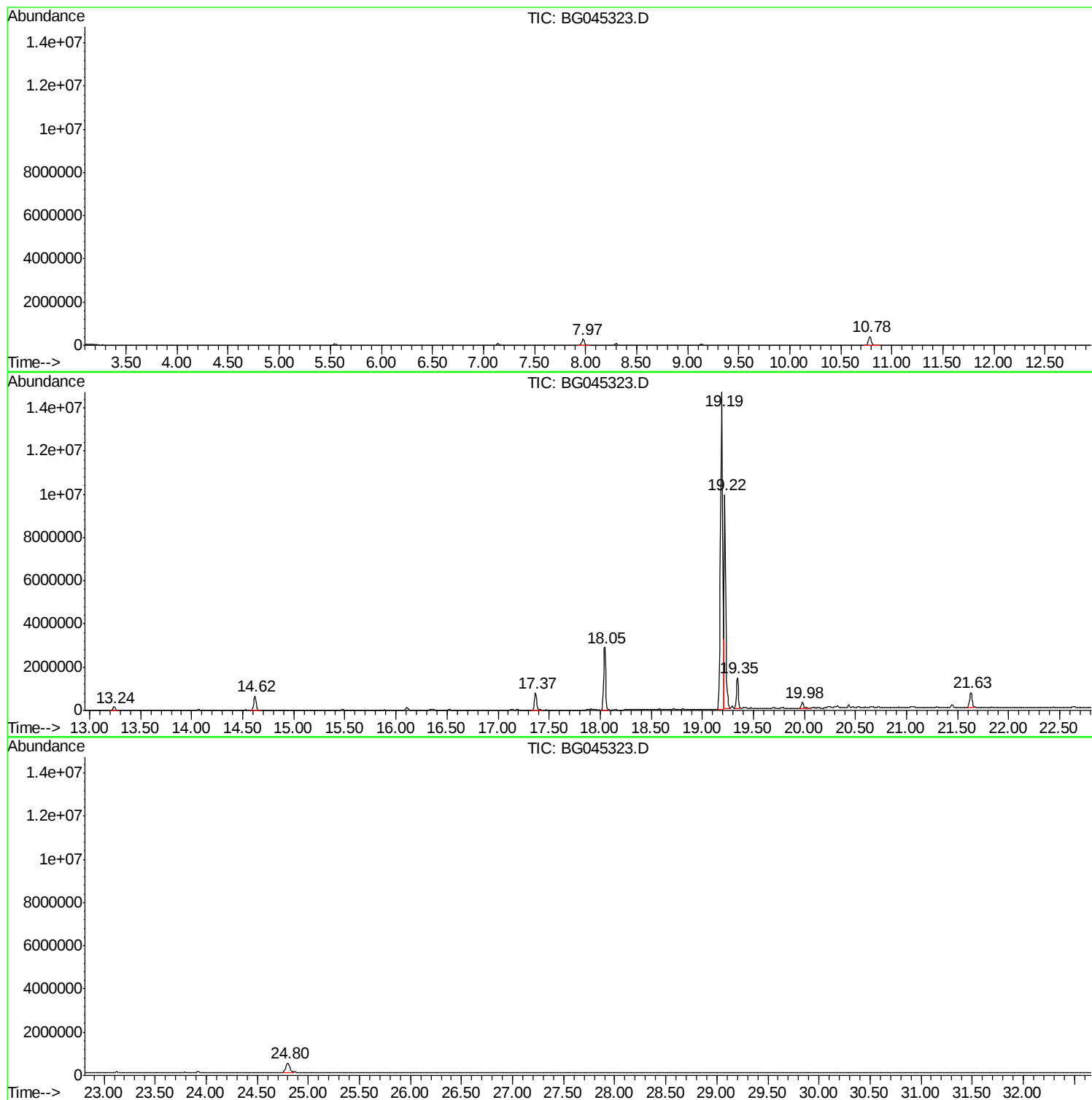
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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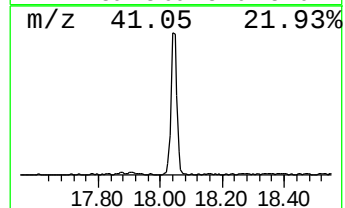
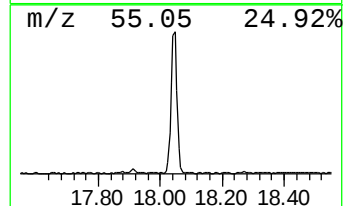
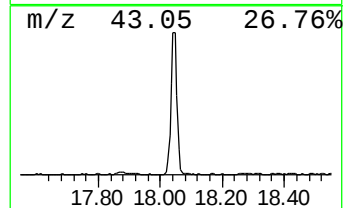
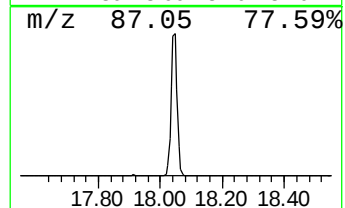
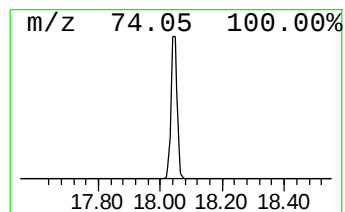
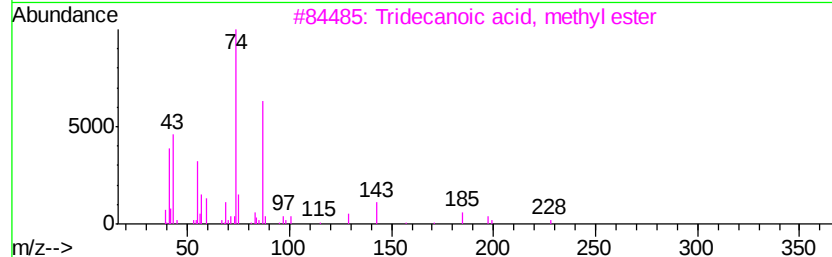
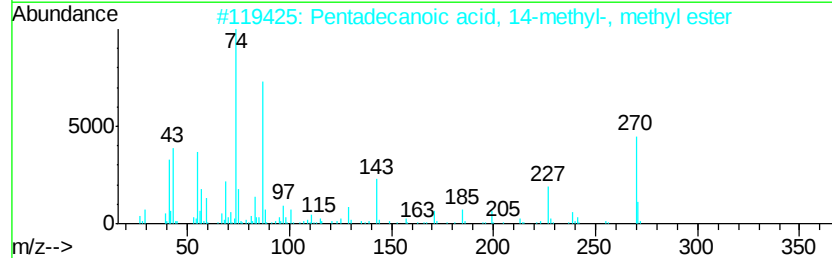
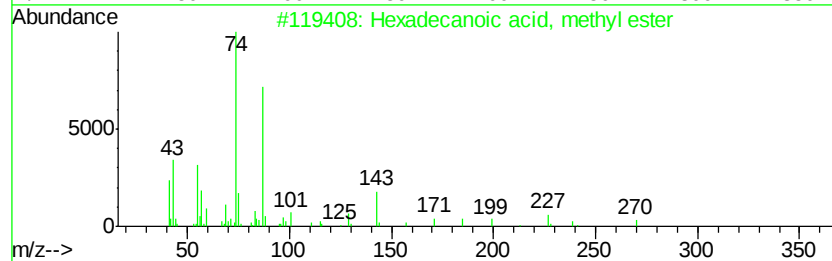
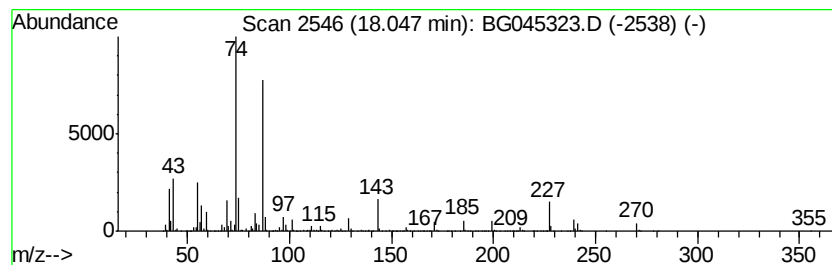
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	61.97 ng	3944580	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



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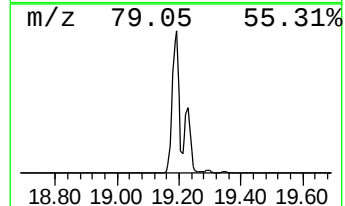
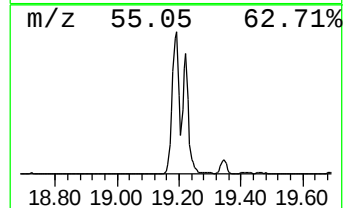
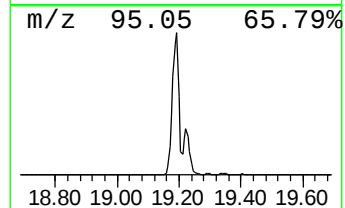
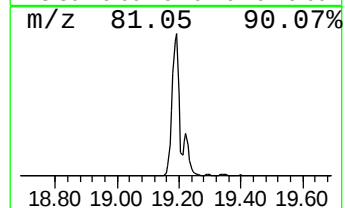
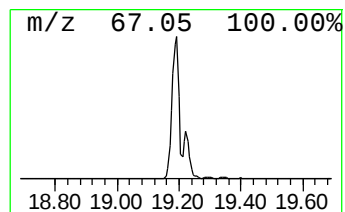
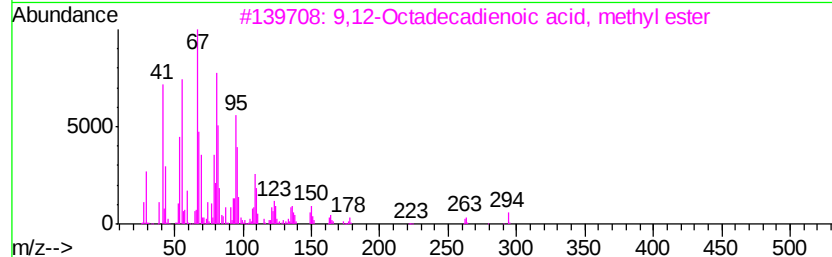
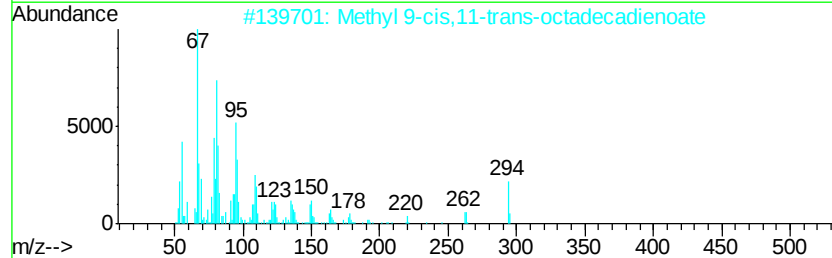
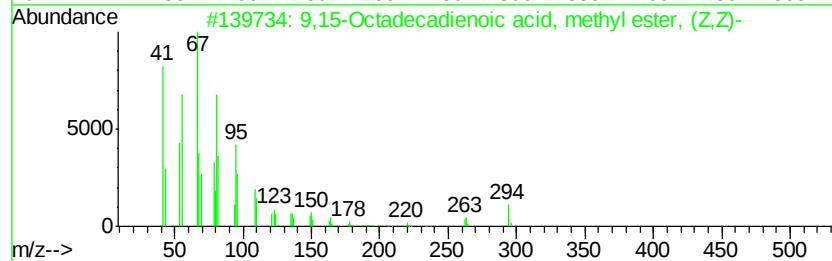
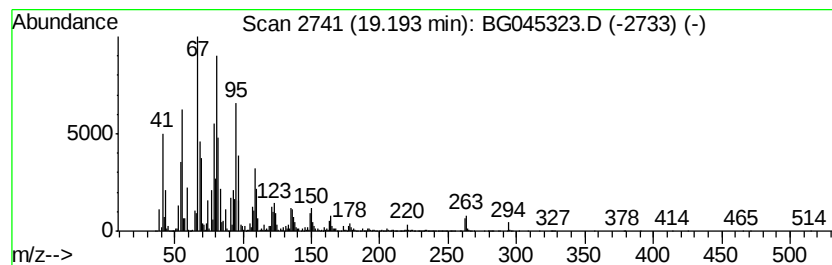
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Peak Number 2 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	326.64 ng	20790800	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



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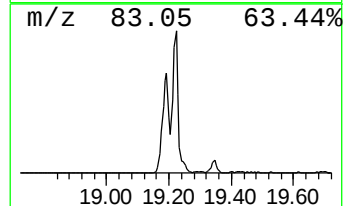
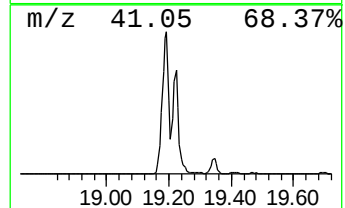
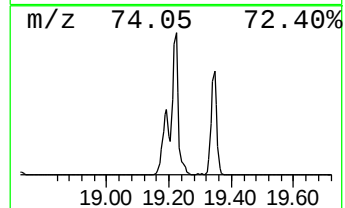
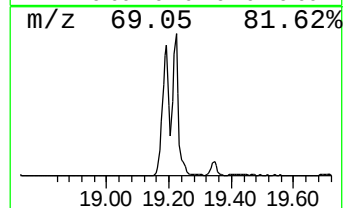
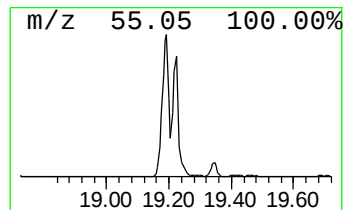
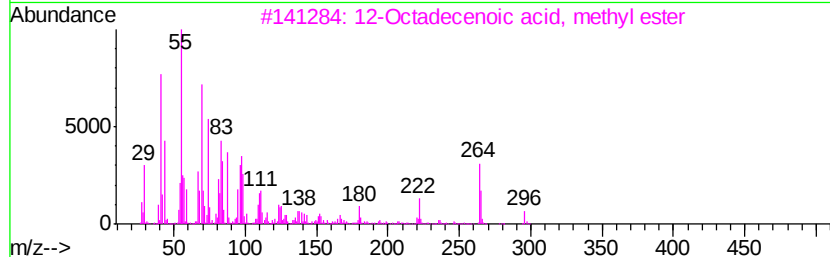
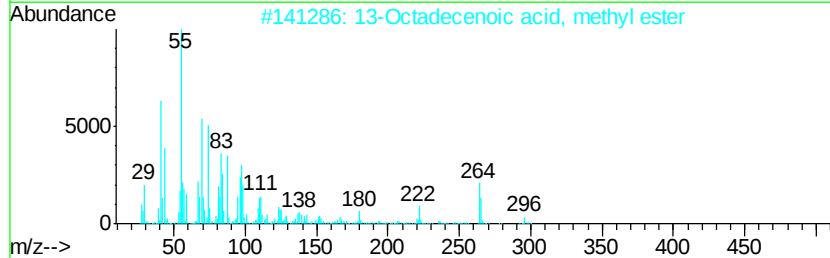
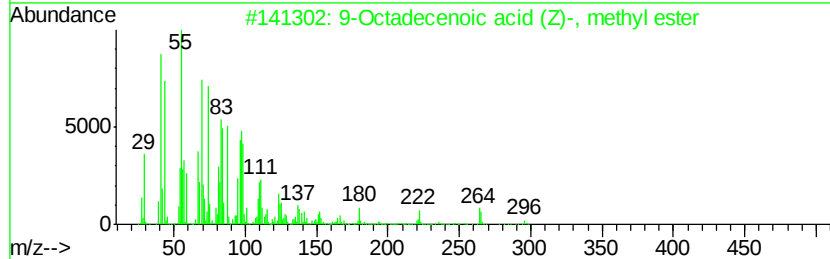
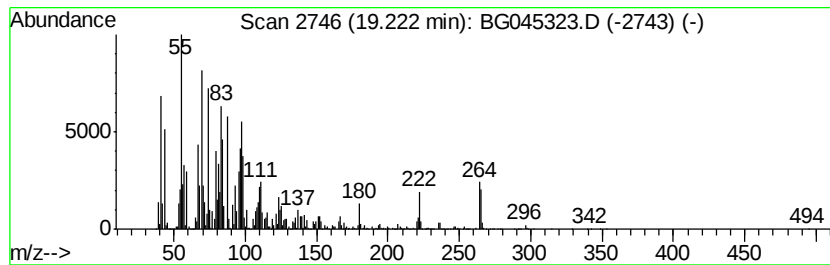
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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	196.44 ng	12503100	Phenanthrene-d10	17.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99



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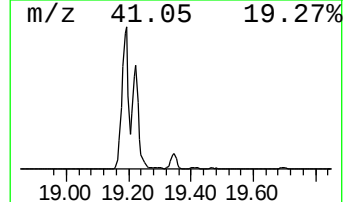
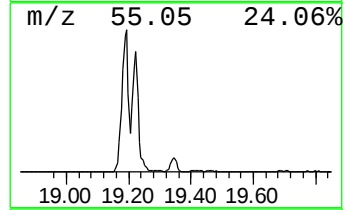
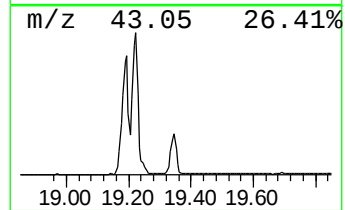
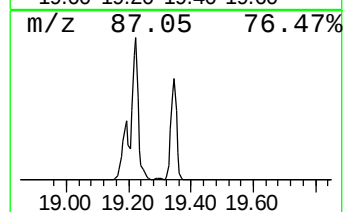
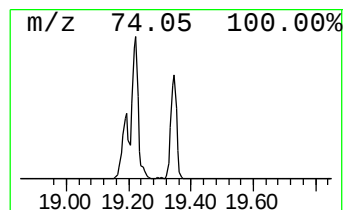
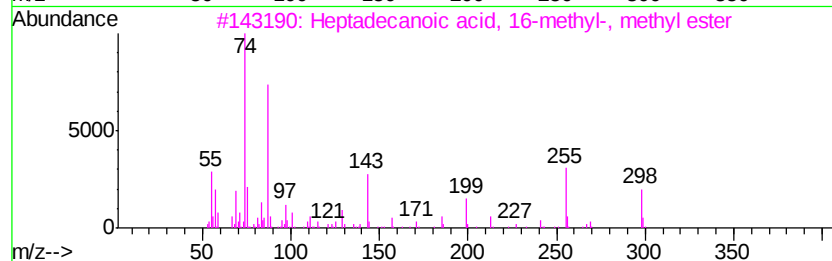
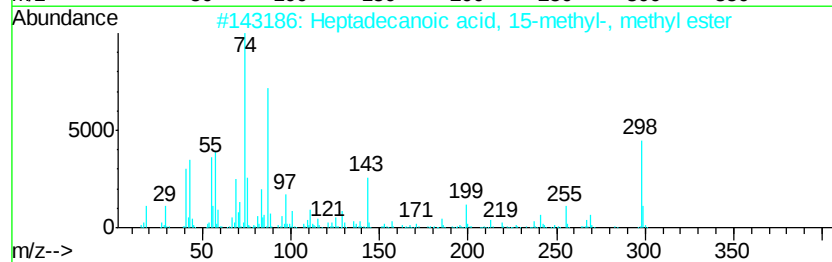
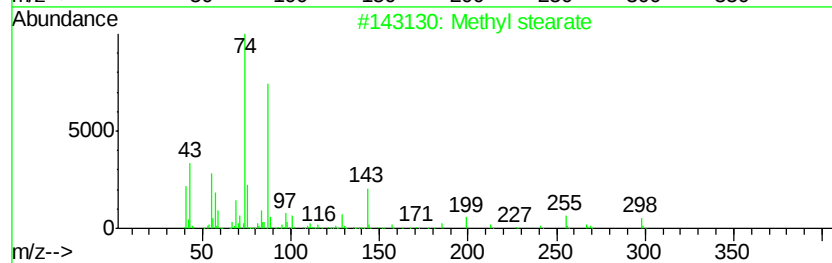
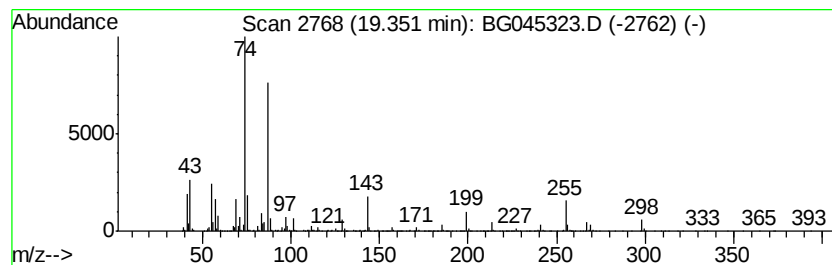
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Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	28.54 ng	1816340	Phenanthrene-d10	17.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	93
3		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
4		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	18.05	62.0	ng	3944580	4	17.37	1273010	20.0
9,15-Octadecadien...	19.19	326.6	ng	20790800	4	17.37	1273010	20.0
9-Octadecenoic ac...	19.22	196.4	ng	12503100	4	17.37	1273010	20.0
Methyl stearate	19.35	28.5	ng	1816340	4	17.37	1273010	20.0