

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\
 Data File : BG045896.D
 Acq On : 30 Jun 2020 22:47
 Operator : CG/JU
 Sample : L2806-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-06-062620

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-BG061520.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	5.498	402	410	427	rBV	918746	1684457	42.44%	7.922%
2	7.119	677	686	708	rBV	1033590	1919287	48.35%	9.026%
3	7.894	812	818	827	rBV	206093	356839	8.99%	1.678%
4	8.217	865	873	882	rBV	885745	1546301	38.96%	7.272%
5	9.057	1007	1016	1035	rBV	667935	1245523	31.38%	5.858%
6	10.702	1288	1296	1307	rBV	270333	501826	12.64%	2.360%
7	13.170	1708	1716	1725	rBV	1905855	2972758	74.90%	13.981%
8	13.998	1853	1857	1863	rVB	88889	131099	3.30%	0.617%
9	14.544	1944	1950	1957	rBV	440665	708597	17.85%	3.332%
10	16.048	2199	2206	2223	rBV	1049213	1787577	45.04%	8.407%
11	17.299	2412	2419	2430	rBV	535434	827700	20.85%	3.893%
12	17.969	2528	2533	2538	rVB2	83820	115923	2.92%	0.545%
13	18.962	2698	2702	2707	rVB	48467	63344	1.60%	0.298%
14	19.109	2722	2727	2730	rBV	554740	688329	17.34%	3.237%
15	19.144	2730	2733	2742	rVB2	456270	603707	15.21%	2.839%
16	19.273	2750	2755	2762	rBV2	93645	123851	3.12%	0.582%
17	19.919	2859	2865	2871	rBV	3009230	3969193	100.00%	18.667%
18	21.212	3081	3085	3097	rBV	197264	311944	7.86%	1.467%
19	21.558	3138	3144	3151	rBV	477462	794523	20.02%	3.737%
20	24.672	3665	3674	3688	rVB	303715	910541	22.94%	4.282%

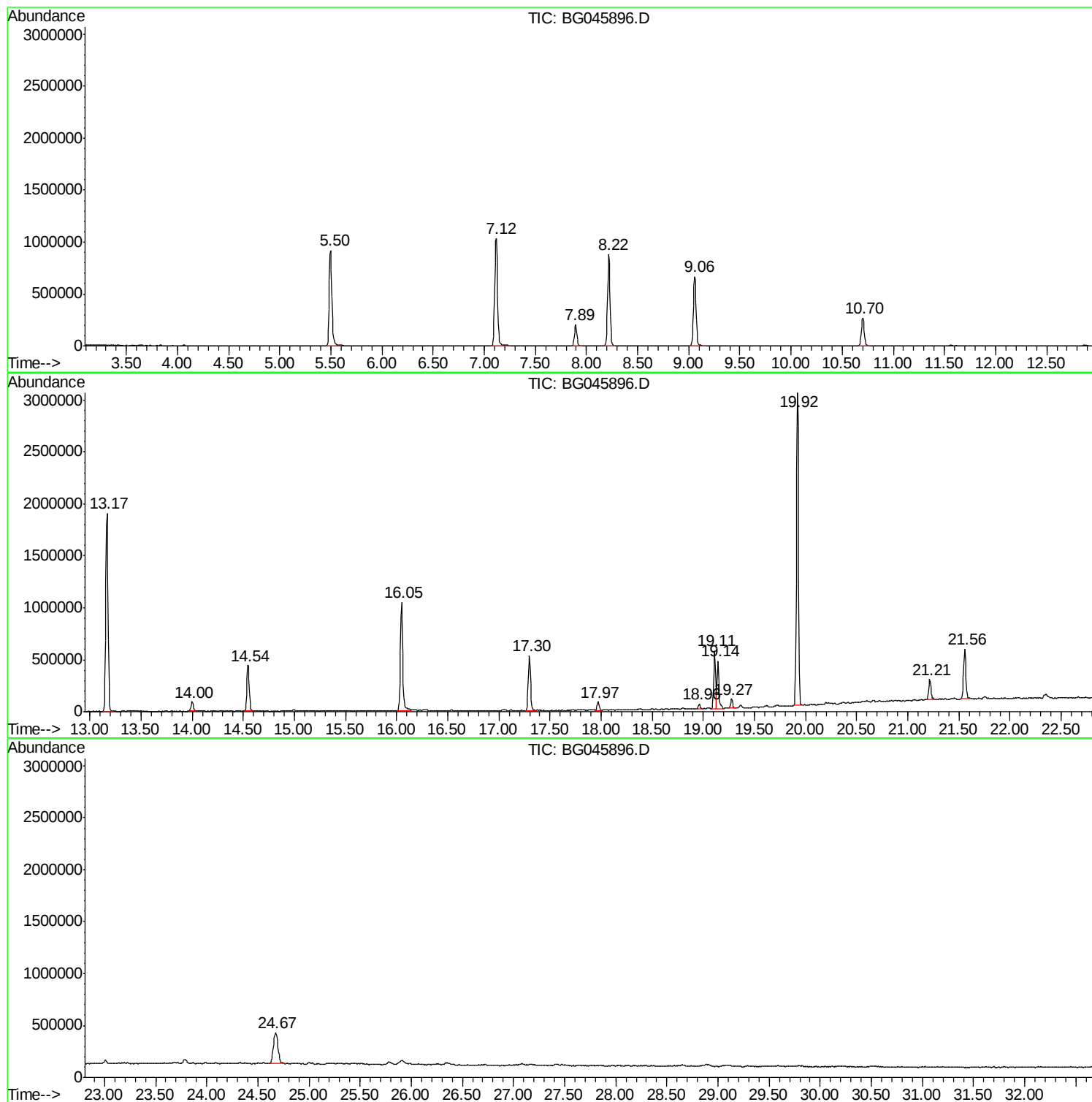
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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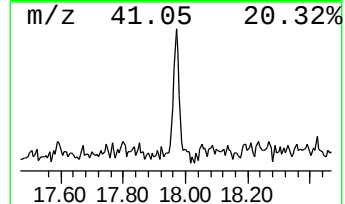
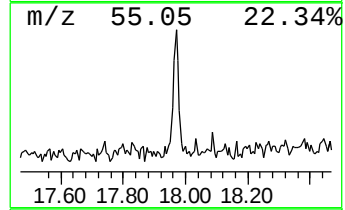
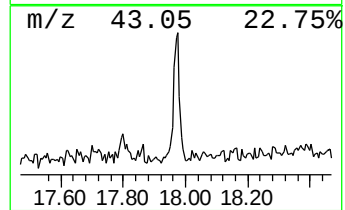
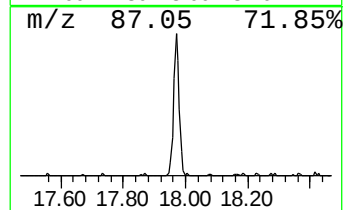
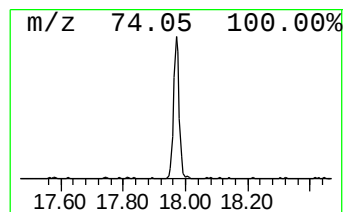
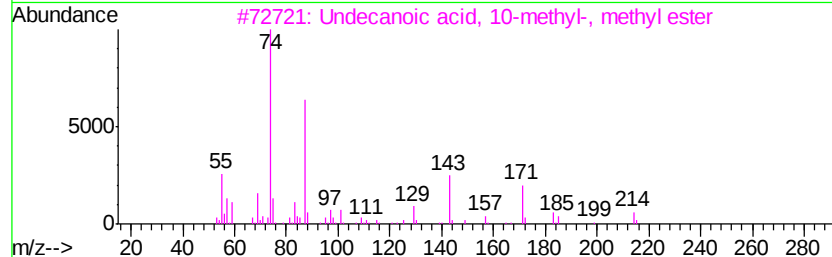
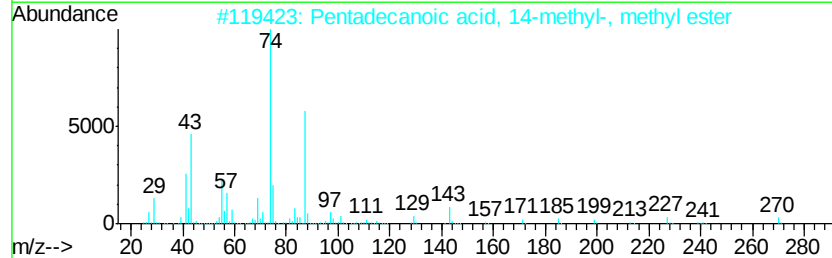
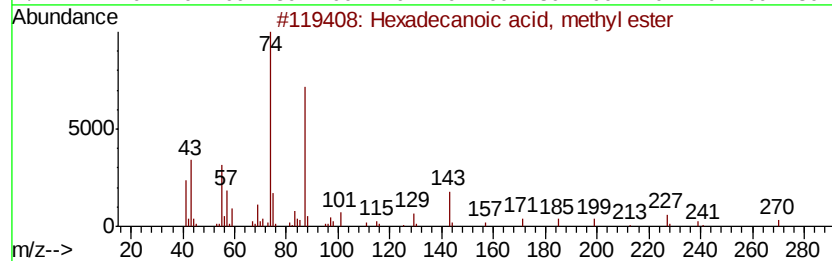
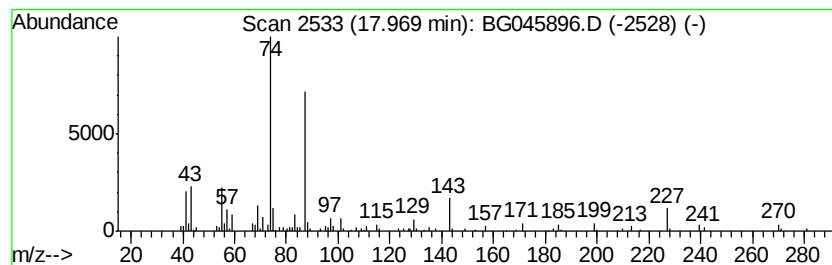
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.80 ng	115923	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3		Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	72
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	72
5		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	72



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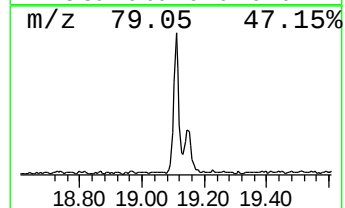
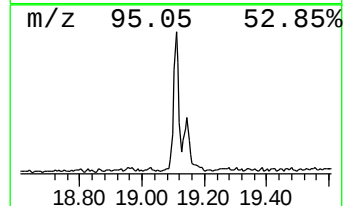
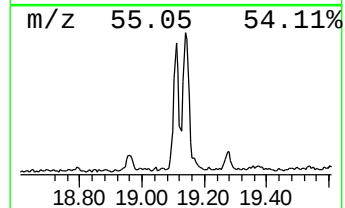
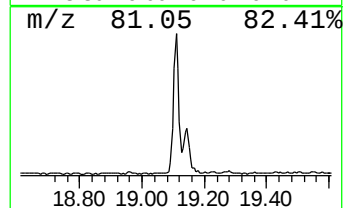
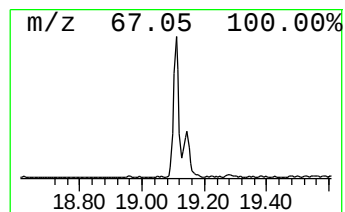
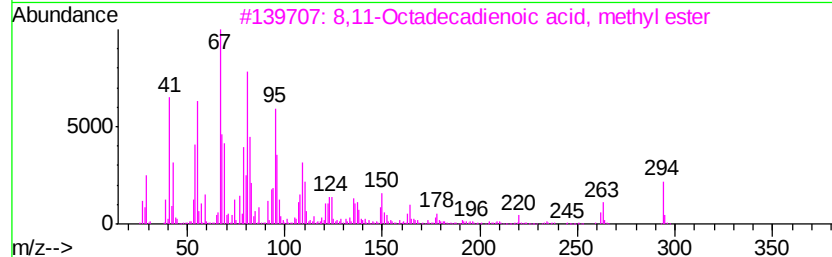
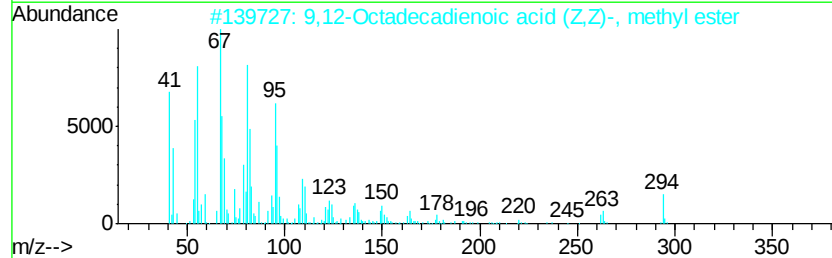
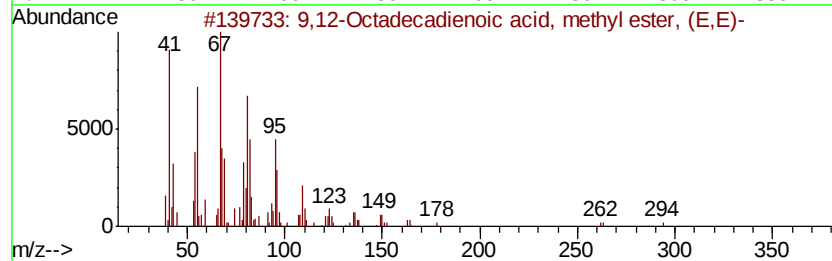
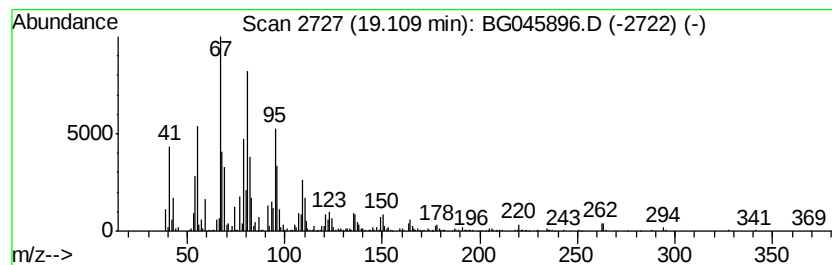
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	16.63 ng	688329	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	95
3		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	94
4		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	90
5		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	90



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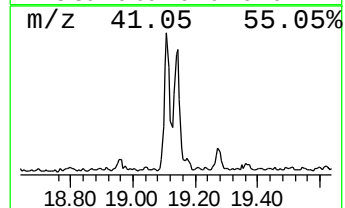
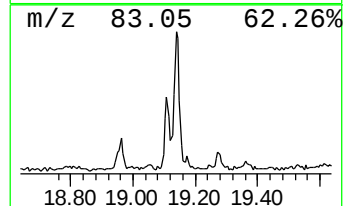
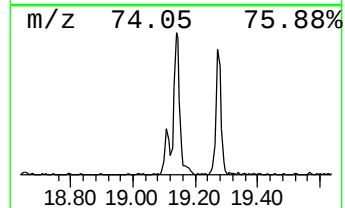
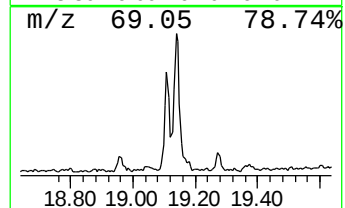
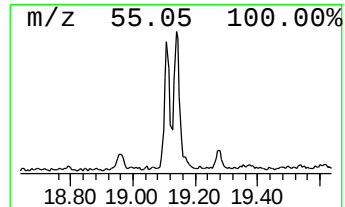
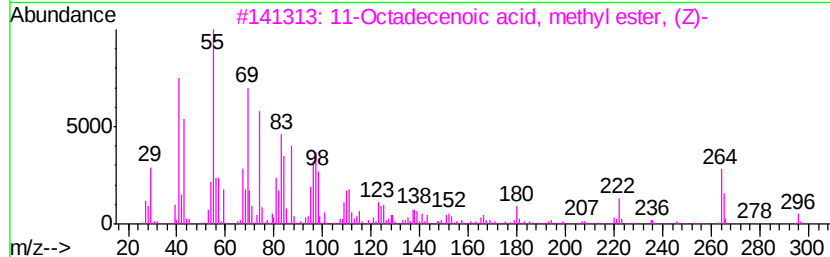
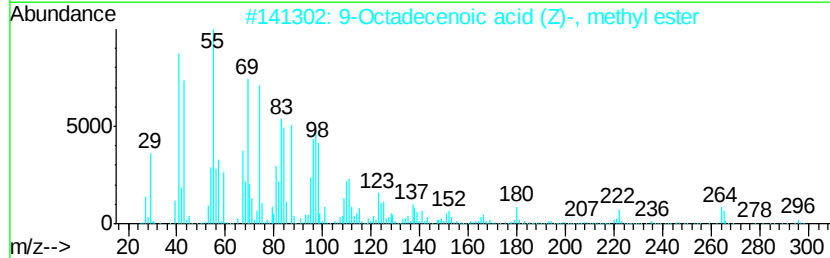
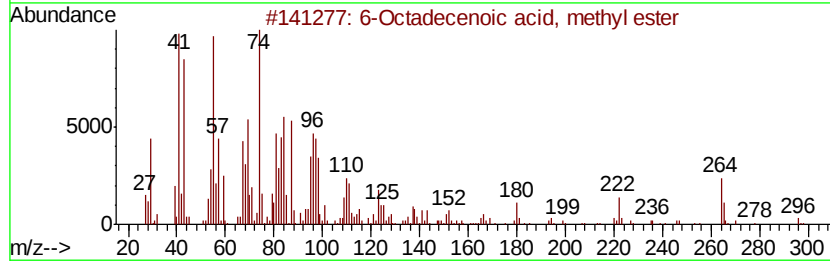
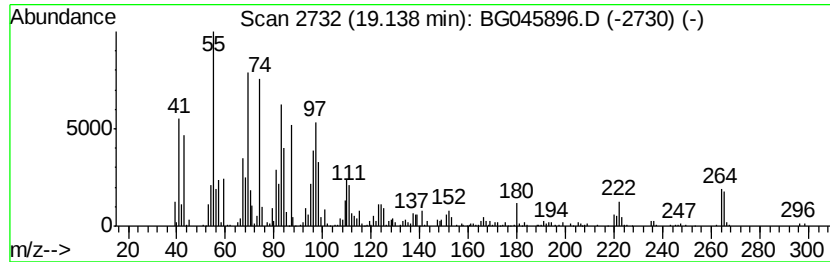
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Peak Number 4 6-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	14.59 ng	603707	Phenanthrene-d10	17.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4		9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
5		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99



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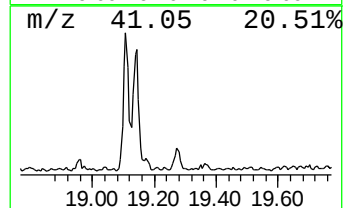
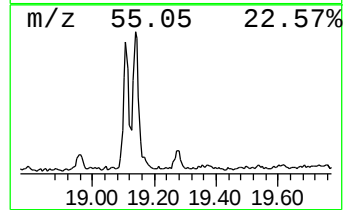
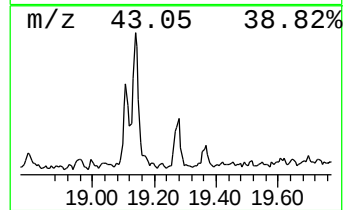
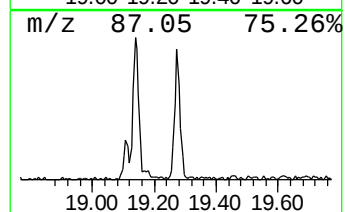
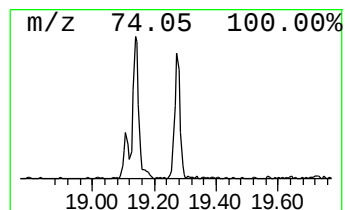
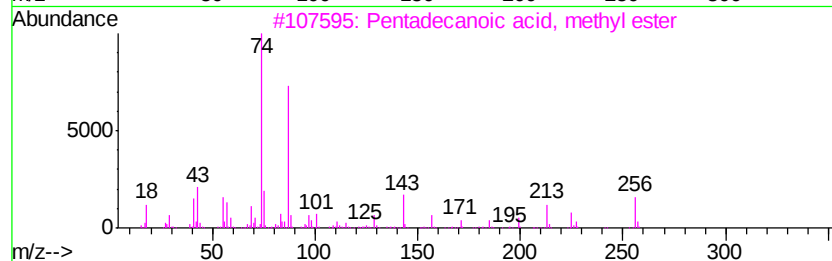
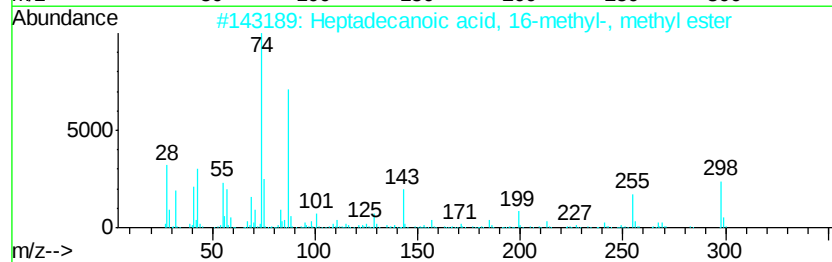
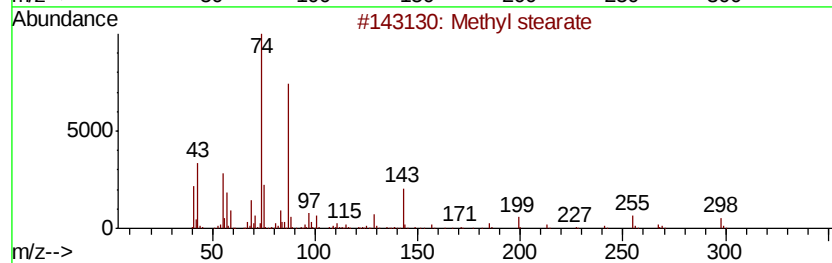
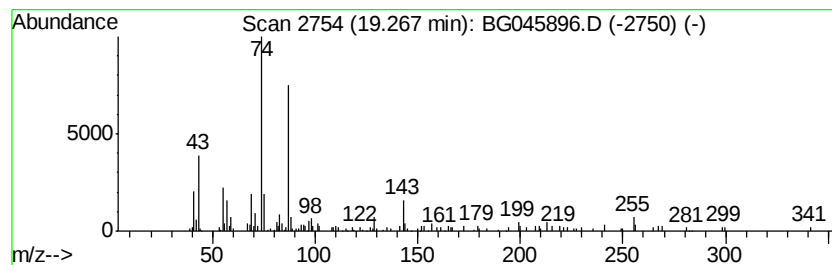
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Peak Number 5 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.27	2.99 ng	123851	Phenanthrene-d10		17.30	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	93
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	91
4		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	87
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



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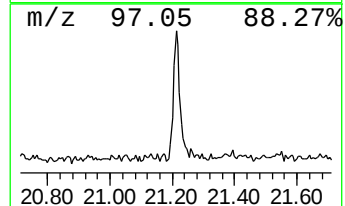
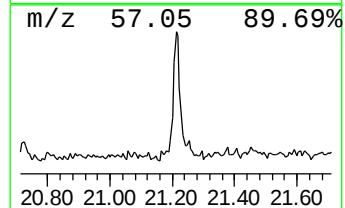
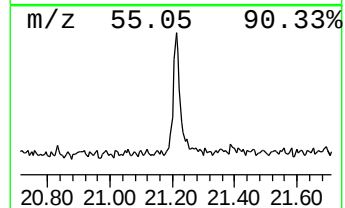
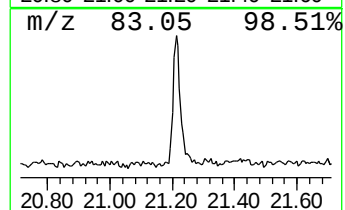
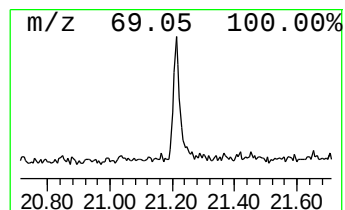
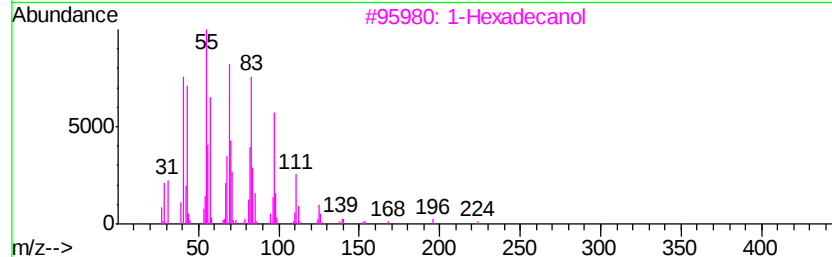
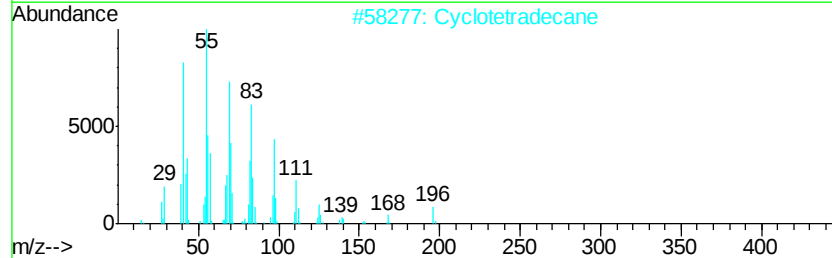
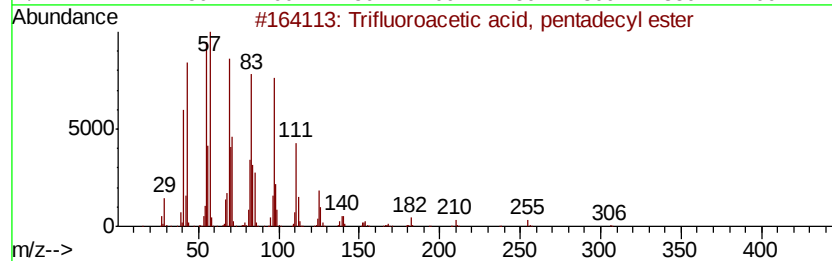
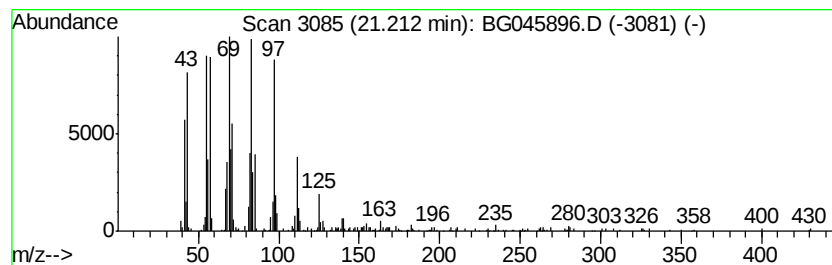
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Peak Number 6 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.21	7.85 ng	311944	Chrysene-d12	21.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2		Cyclotetradecane	196	C14H28	000295-17-0	90
3		1-Hexadecanol	242	C16H34O	036653-82-4	87
4		1-Heptacosanol	396	C27H56O	002004-39-9	87
5		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	17.97	2.8	ng	115923	4	17.30	827700	20.0
9,12-Octadecadien...	19.11	16.6	ng	688329	4	17.30	827700	20.0
6-Octadecenoic ac...	19.14	14.6	ng	603707	4	17.30	827700	20.0
Methyl stearate	19.27	3.0	ng	123851	4	17.30	827700	20.0
Trifluoroacetic a...	21.21	7.8	ng	311944	5	21.55	794523	20.0