

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007316.D
 Acq On : 04 Oct 2021 21:28
 Operator : CG/JU
 Sample : M4042-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EO-03-100121

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_P\Methods\8270E-BP092121.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP007316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.446	395	401	416	rBV	552959	830406	17.53%	2.711%
2	7.046	667	673	689	rBV	421921	751239	15.86%	2.452%
3	7.863	804	812	825	rBV	942415	1490010	31.45%	4.864%
4	9.028	1003	1010	1019	rBV	253601	474587	10.02%	1.549%
5	10.463	1248	1254	1266	rBV2	41041	118988	2.51%	0.388%
6	10.663	1278	1288	1305	rBV	1040235	1873301	39.55%	6.115%
7	13.122	1700	1706	1717	rBV	655354	1077062	22.74%	3.516%
8	14.398	1919	1923	1931	rVB	66401	95391	2.01%	0.311%
9	14.504	1932	1941	1954	rBV	1394908	2230862	47.09%	7.282%
10	15.351	2080	2085	2089	rBV	83157	106795	2.25%	0.349%
11	15.998	2189	2195	2202	rBV	429256	666382	14.07%	2.175%
12	16.210	2227	2231	2240	rBV	104007	194706	4.11%	0.636%
13	17.010	2363	2367	2371	rBV	93006	118375	2.50%	0.386%
14	17.063	2373	2376	2385	rVB3	45989	84522	1.78%	0.276%
15	17.257	2403	2409	2414	rBV	1682494	2494337	52.66%	8.142%
16	17.751	2489	2493	2498	rBV	97979	132635	2.80%	0.433%
17	17.922	2517	2522	2527	rBV	1336796	1537464	32.46%	5.019%
18	18.422	2604	2607	2611	rBV	90870	97308	2.05%	0.318%
19	19.022	2704	2709	2712	rBV	3701723	4737064	100.00%	15.463%
20	19.057	2712	2715	2719	rVB2	2912800	3329338	70.28%	10.868%
21	19.180	2733	2736	2743	rVB	603294	697213	14.72%	2.276%
22	19.263	2747	2750	2755	rVV	217234	311237	6.57%	1.016%
23	19.616	2808	2810	2817	rVB	249578	343126	7.24%	1.120%
24	19.810	2839	2843	2847	rBV	1177317	1466881	30.97%	4.788%
25	21.345	3100	3104	3108	rVB	2125000	2674166	56.45%	8.729%
26	23.757	3510	3514	3521	rVB2	1474574	2700780	57.01%	8.816%

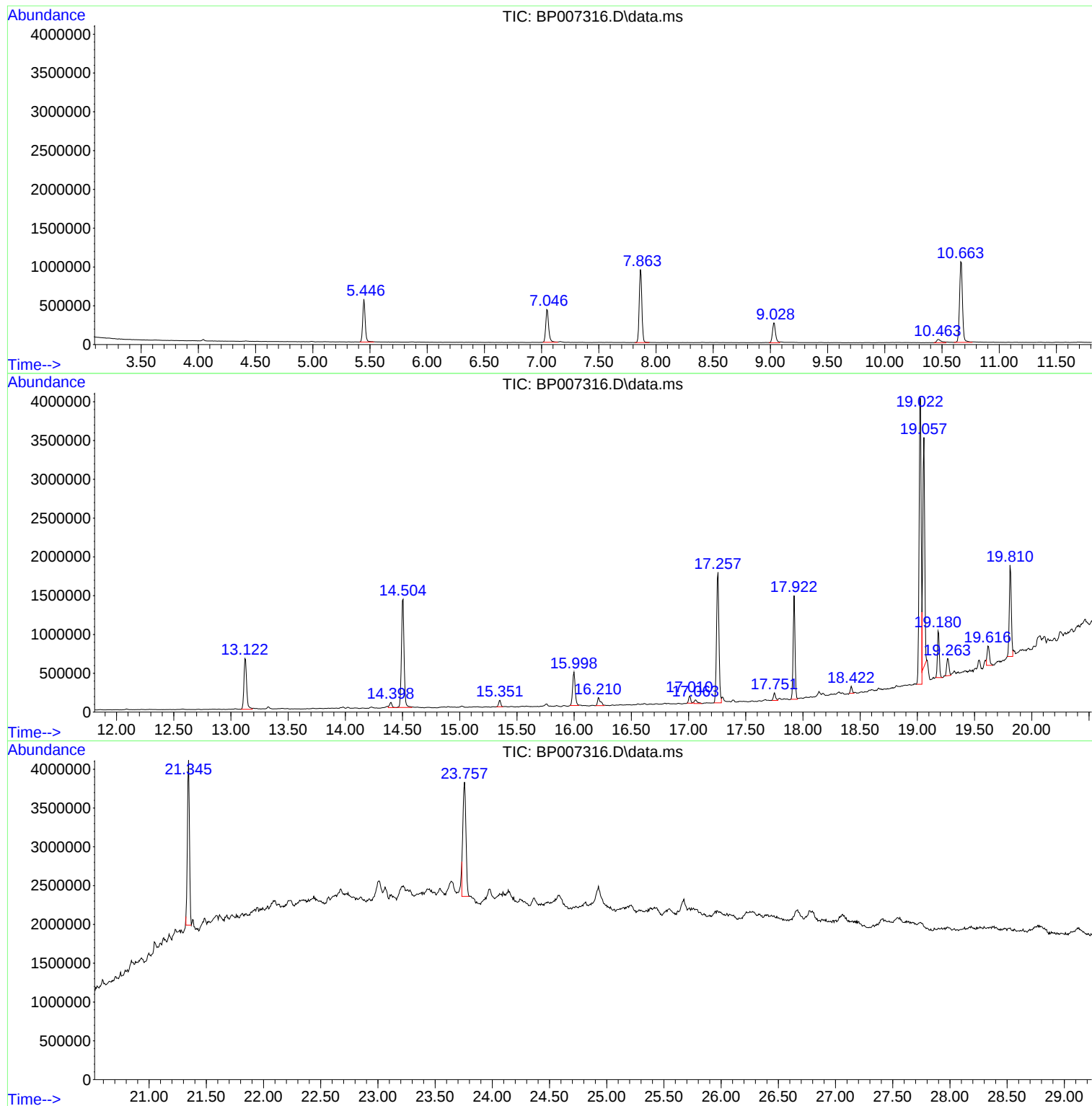
Sum of corrected areas: 30634175

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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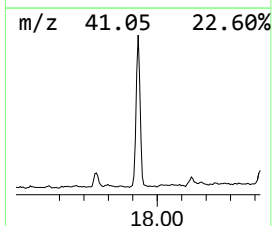
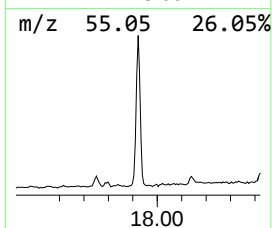
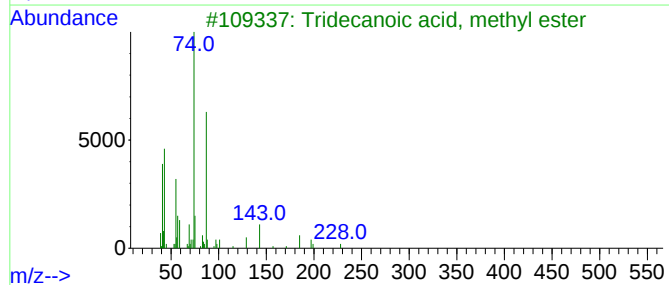
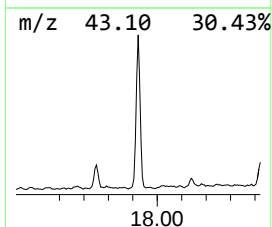
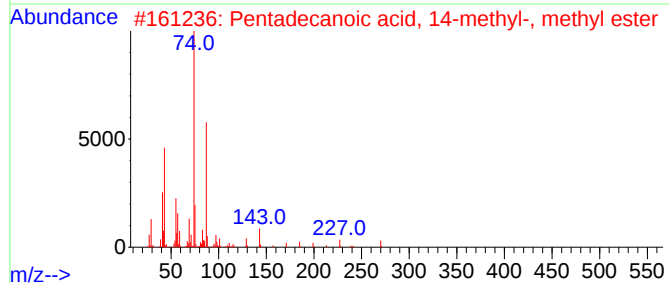
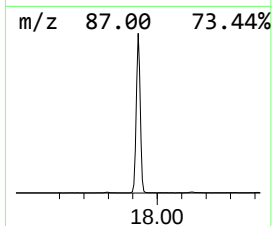
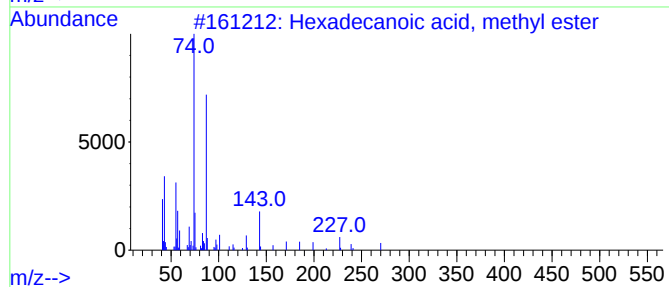
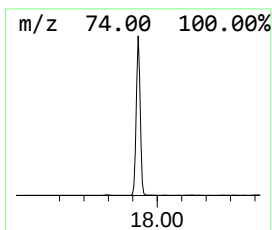
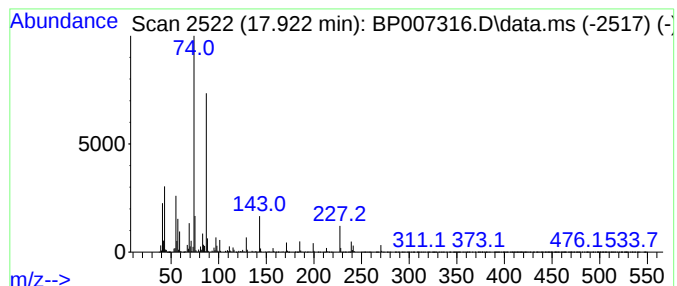
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.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.
17.922	12.33 ng	1537460	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3			Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5			Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83



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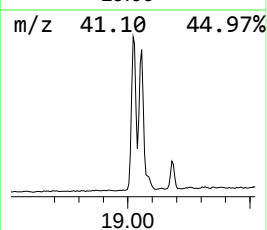
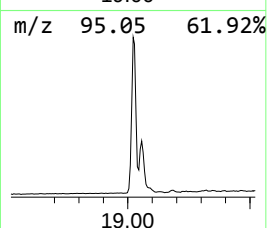
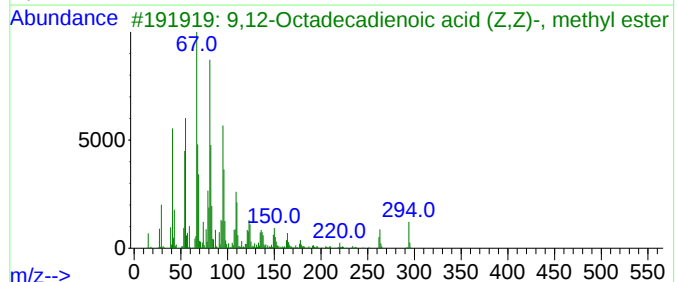
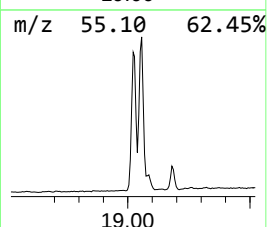
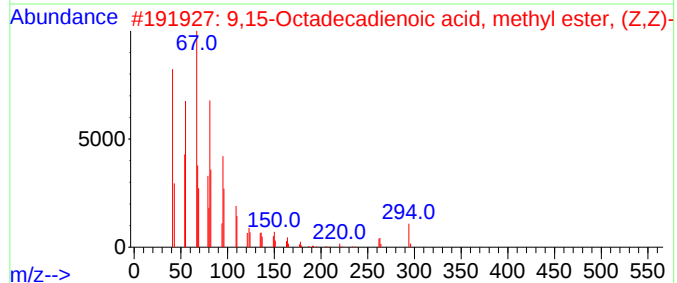
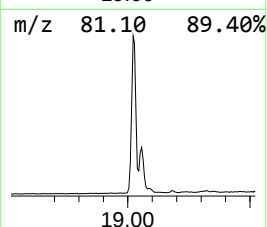
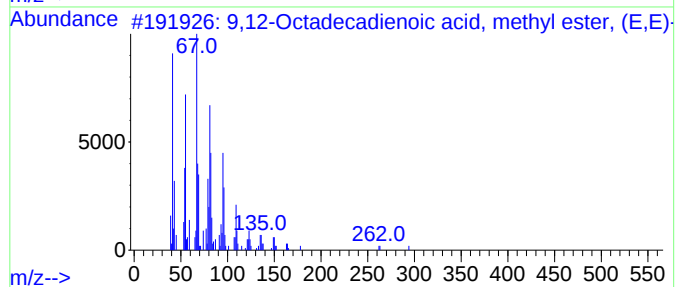
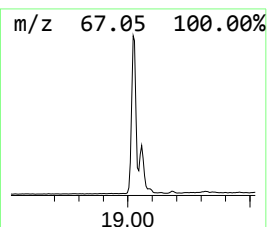
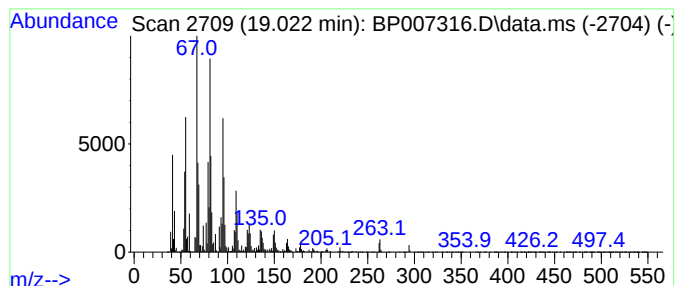
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TIC Integration Parameters: LSCINT.P

Peak Number 2 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.022	37.98 ng	4737060	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5			10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99



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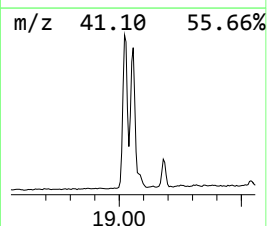
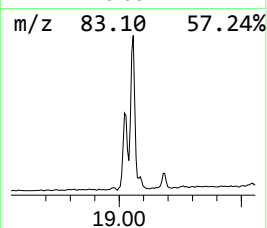
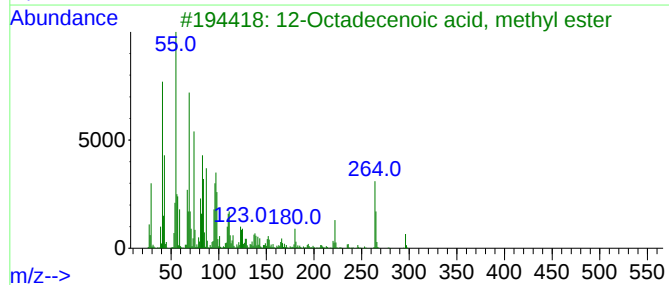
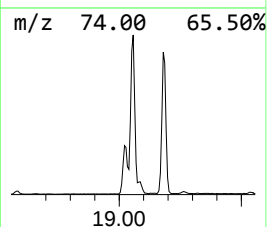
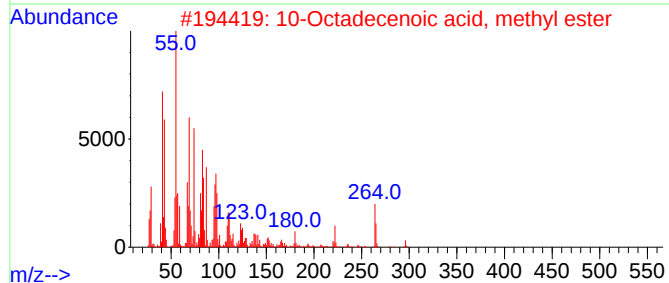
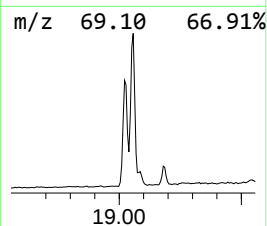
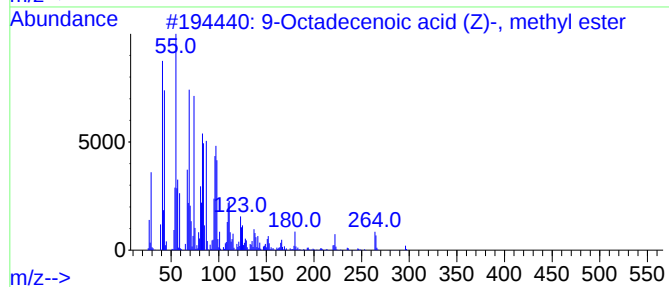
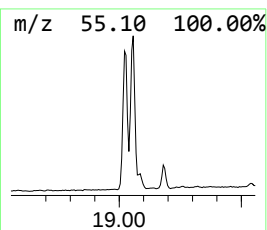
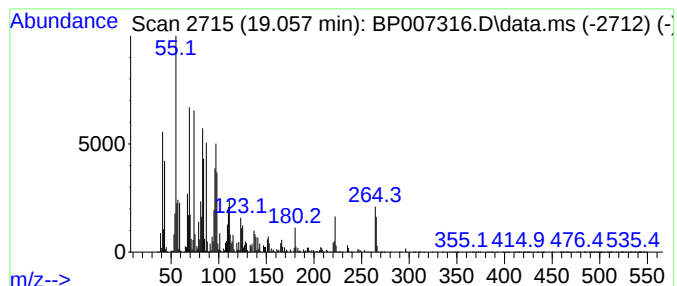
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Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.057	26.70 ng	3329340	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
4			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



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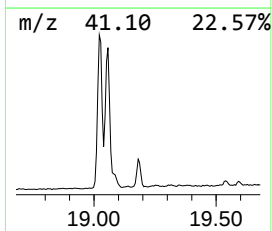
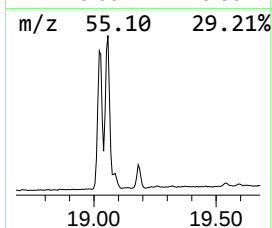
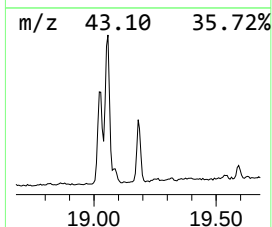
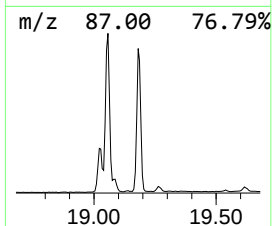
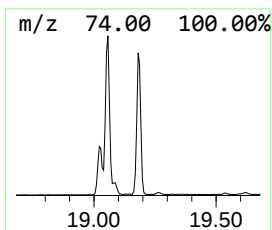
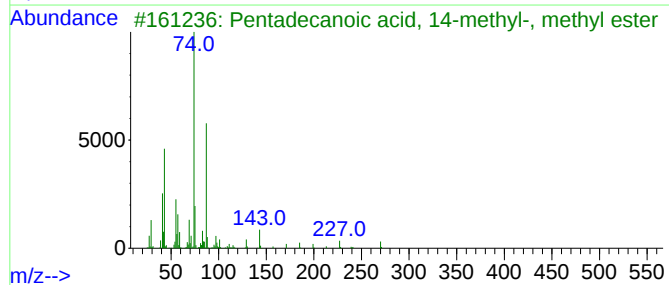
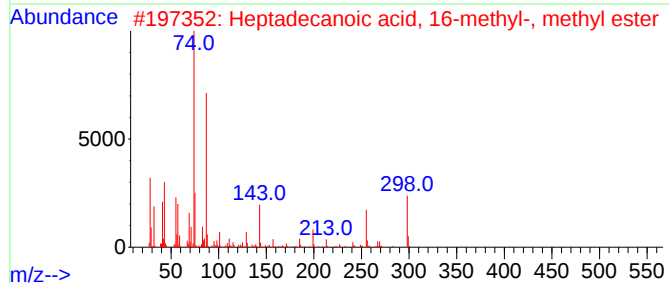
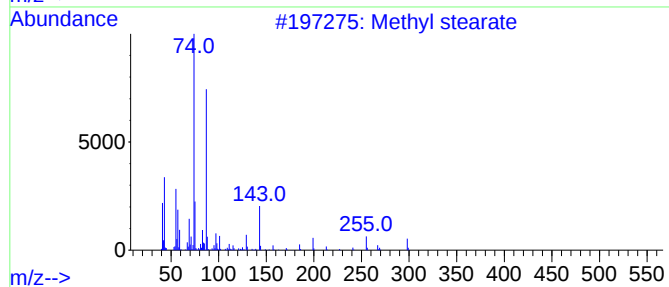
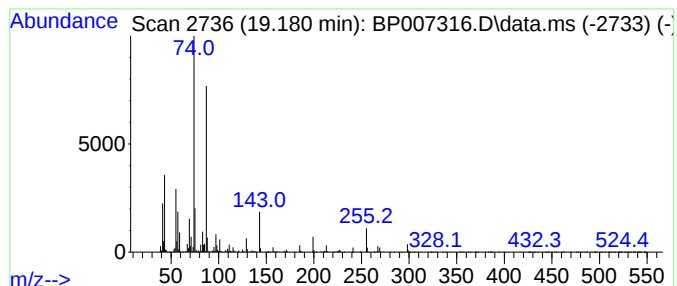
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Peak Number 4 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	5.59 ng	697213	Phenanthrene-d10	17.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	96
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
3			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5			Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic ac...	17.922	12.3	ng	1537460	4	17.257	2494340	20.0
9,12-Octadecadi...	19.022	38.0	ng	4737060	4	17.257	2494340	20.0
9-Octadecenoic ...	19.057	26.7	ng	3329340	4	17.257	2494340	20.0
Methyl stearate	19.180	5.6	ng	697213	4	17.257	2494340	20.0