

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081319\
 Data File : BF116256.D
 Acq On : 14 Aug 2019 3:04
 Operator : HP/JU
 Sample : K4096-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081219

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_F\METHODS\8270-BF073019.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	3.893	302	307	320	rBV	12971	29031	1.81%	0.210%
2	5.481	574	577	604	rBV	105278	333923	20.77%	2.413%
3	6.504	748	751	768	rBV	117289	359069	22.33%	2.595%
4	6.622	768	771	789	rVB	277742	467370	29.06%	3.378%
5	6.834	804	807	824	rVB	822951	821930	51.11%	5.940%
6	6.993	830	834	853	rVB	315693	377865	23.50%	2.731%
7	7.410	902	905	922	rBV	117215	242942	15.11%	1.756%
8	8.116	1021	1025	1047	rBV	847447	1120878	69.70%	8.101%
9	9.192	1204	1208	1227	rBV	423756	588331	36.59%	4.252%
10	9.598	1274	1277	1287	rBV	22424	35593	2.21%	0.257%
11	9.869	1319	1323	1346	rBV	1341054	1338984	83.27%	9.677%
12	10.669	1456	1459	1473	rBV	190740	284368	17.68%	2.055%
13	11.357	1572	1576	1595	rBV	1139061	1295427	80.56%	9.362%
14	11.739	1637	1641	1649	rBV	660990	542507	33.74%	3.921%
15	11.880	1663	1665	1668	rBV2	15898	19176	1.19%	0.139%
16	12.422	1753	1757	1759	rBV	1312964	1212243	75.38%	8.761%
17	12.445	1759	1761	1768	rVV	1880750	1608086	100.00%	11.622%
18	12.527	1772	1775	1779	rVB	401760	319222	19.85%	2.307%
19	12.816	1819	1824	1827	rBV4	11844	20074	1.25%	0.145%
20	12.933	1840	1844	1851	rBV	619909	589792	36.68%	4.263%
21	13.174	1880	1885	1893	rVB6	26808	44869	2.79%	0.324%
22	13.251	1895	1898	1901	rVV	29492	23918	1.49%	0.173%
23	13.369	1914	1918	1921	rBV5	14109	20291	1.26%	0.147%
24	13.680	1968	1971	1979	rVB6	23275	44677	2.78%	0.323%
25	13.916	2009	2011	2016	rBV2	23532	25868	1.61%	0.187%
26	14.004	2021	2026	2037	rBV	785886	1020042	63.43%	7.372%
27	14.445	2099	2101	2106	rVB4	27176	22986	1.43%	0.166%
28	14.745	2150	2152	2155	rVB	23861	19394	1.21%	0.140%
29	15.080	2206	2209	2211	rVB	35210	35079	2.18%	0.254%
30	15.468	2269	2275	2289	rVB	561381	931396	57.92%	6.731%
31	15.874	2341	2344	2350	rVB2	30926	41106	2.56%	0.297%

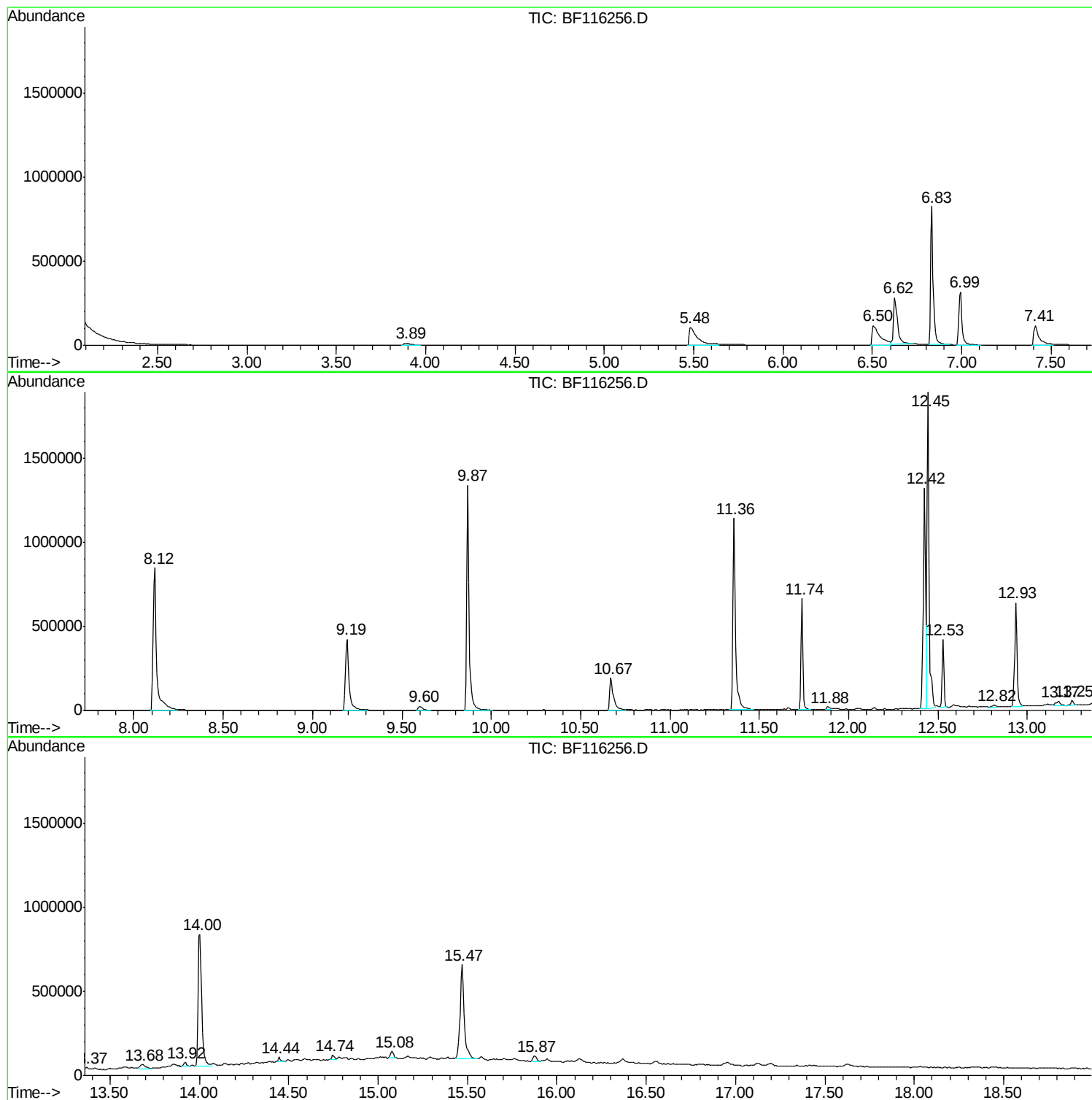
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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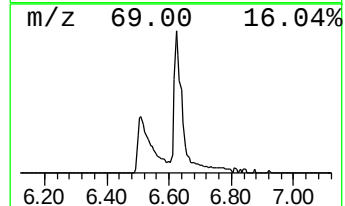
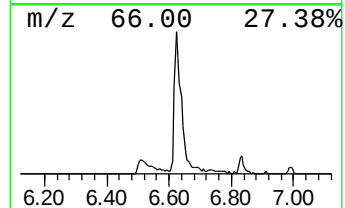
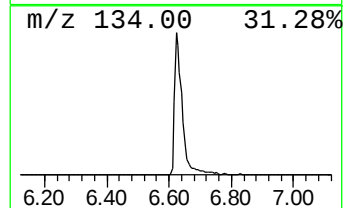
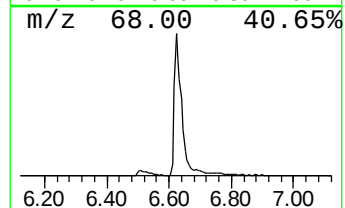
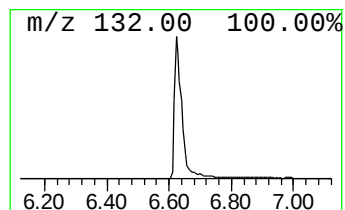
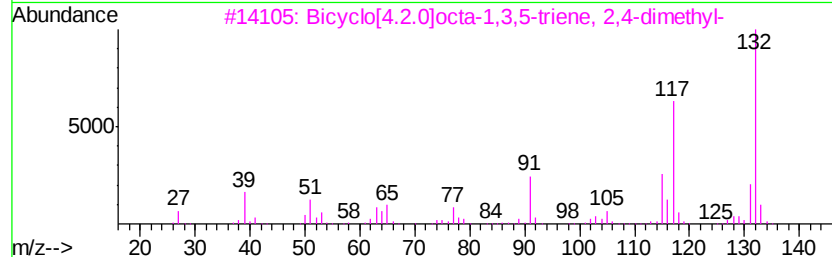
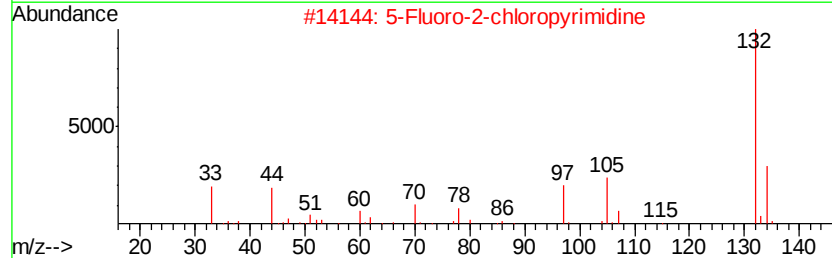
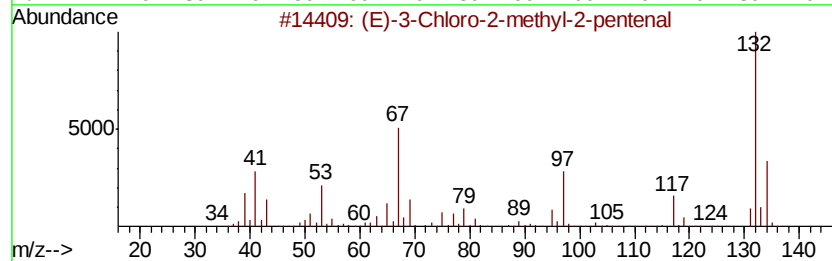
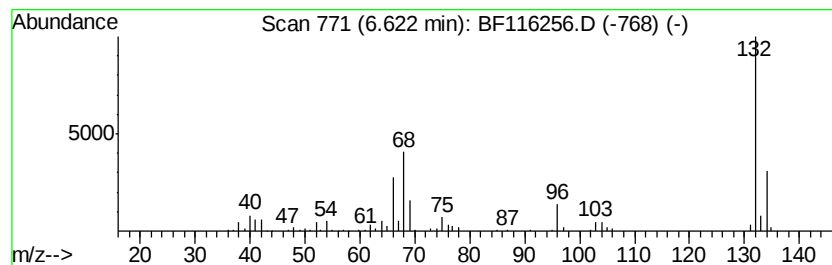
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	11.37 ng	467370	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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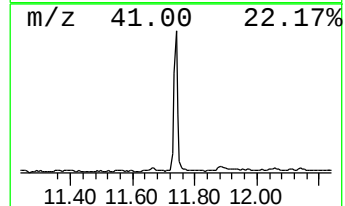
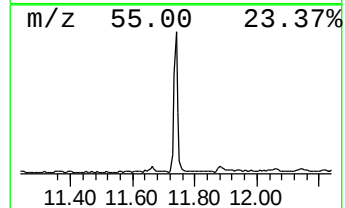
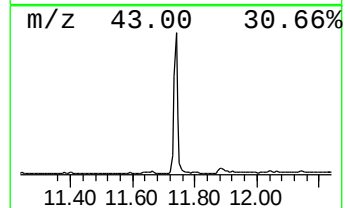
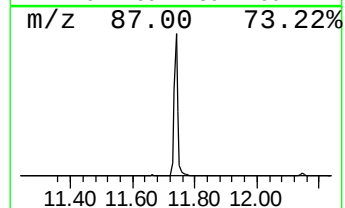
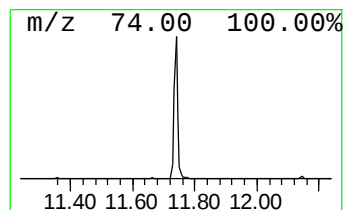
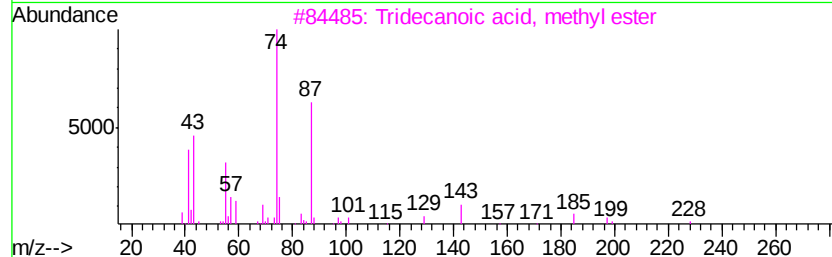
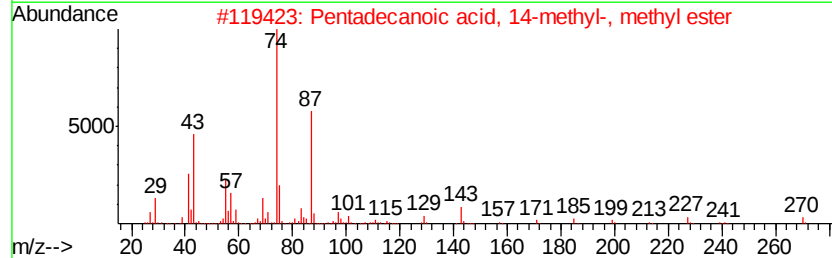
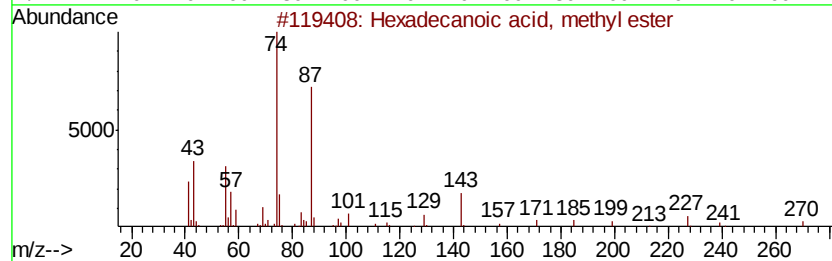
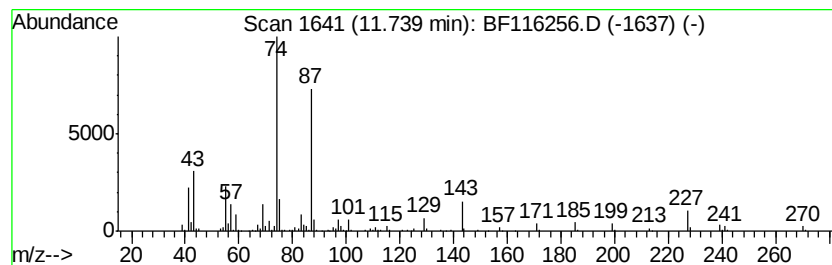
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Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	8.38 ng	542507	Phenanthrene-d10	11.36

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	92
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



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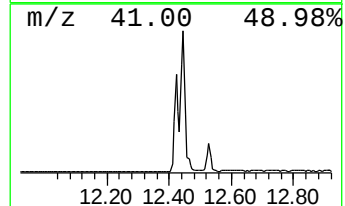
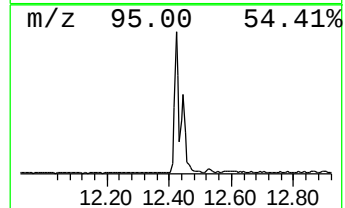
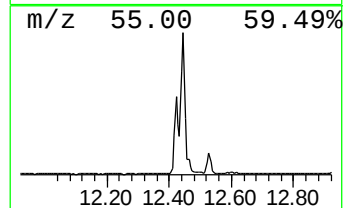
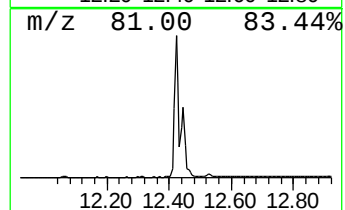
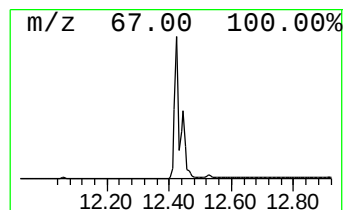
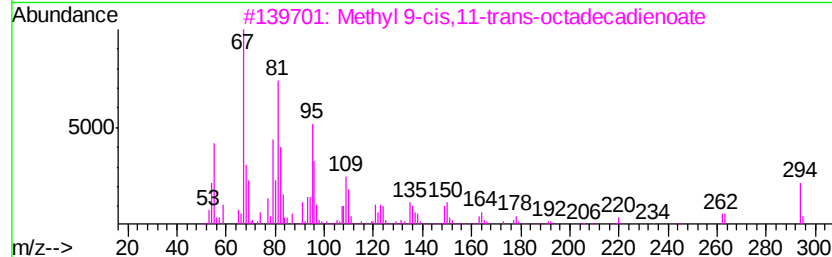
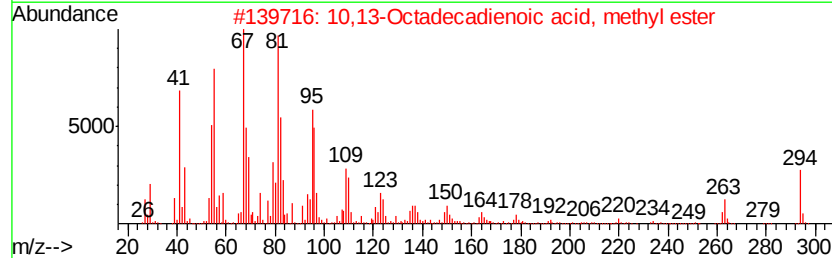
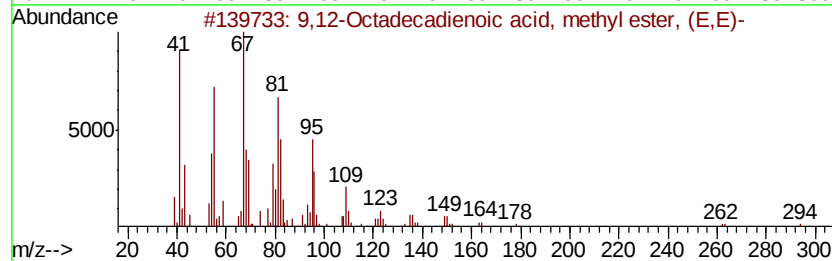
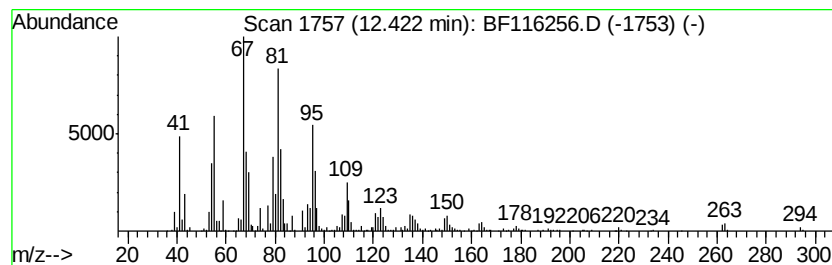
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Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	18.72 ng	1212240	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	



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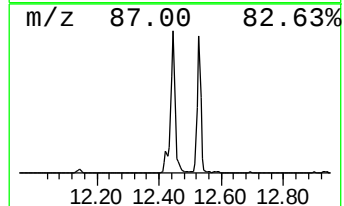
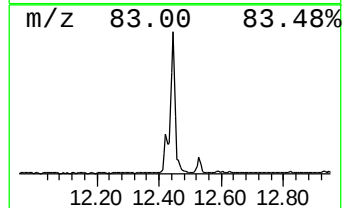
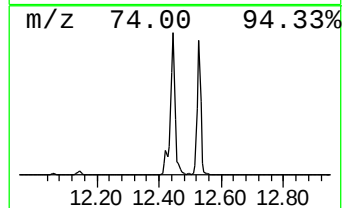
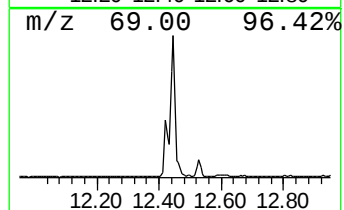
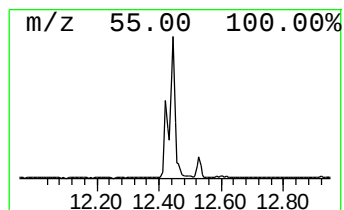
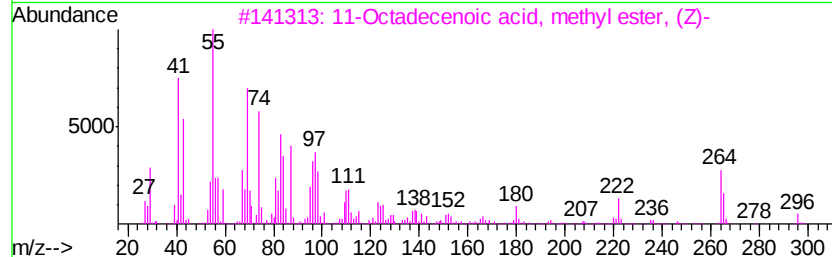
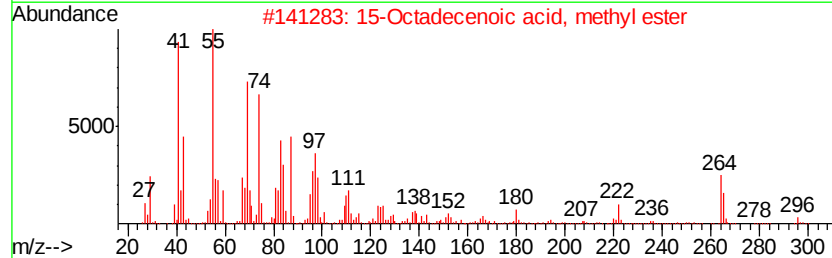
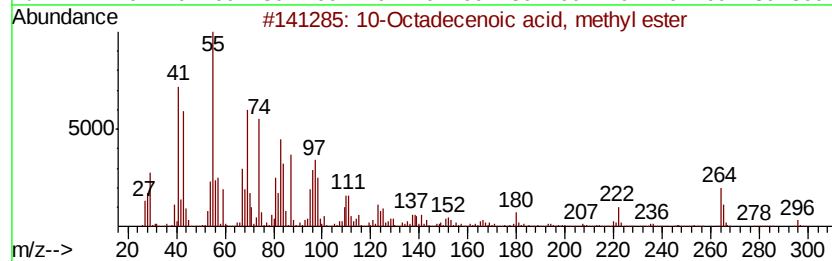
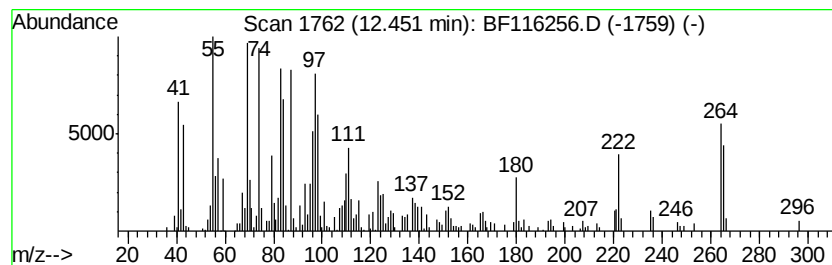
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Peak Number 5 10-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.45	24.83 ng	1608090	Phenanthrene-d10	11.36	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	99
4	8-Octadecenoic acid, methyl ester...	296	C19H36O2	026528-50-7	99
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99



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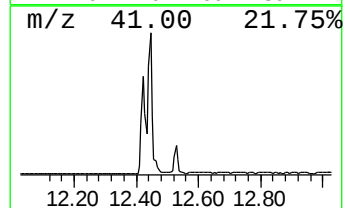
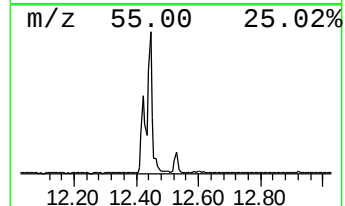
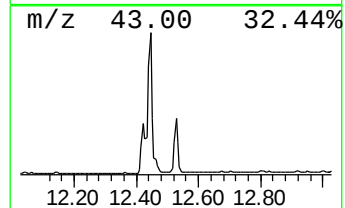
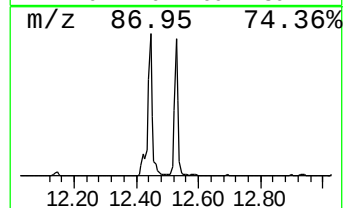
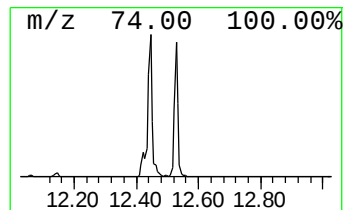
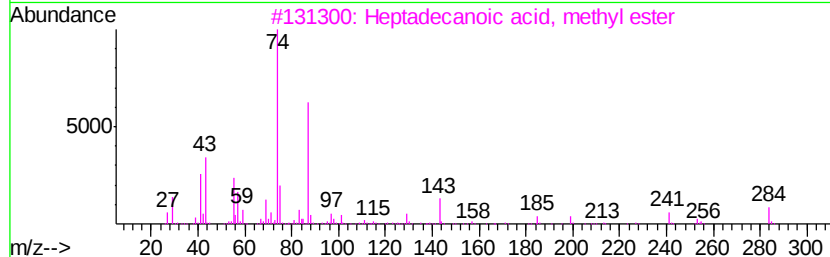
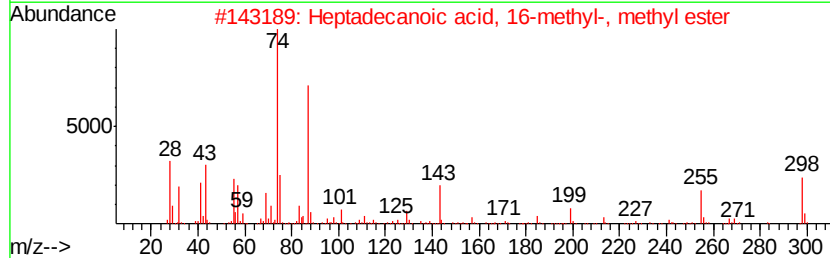
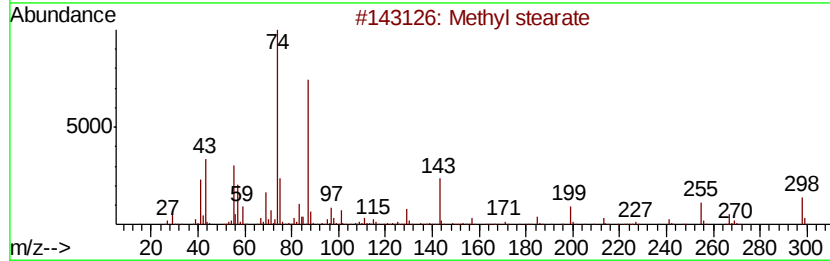
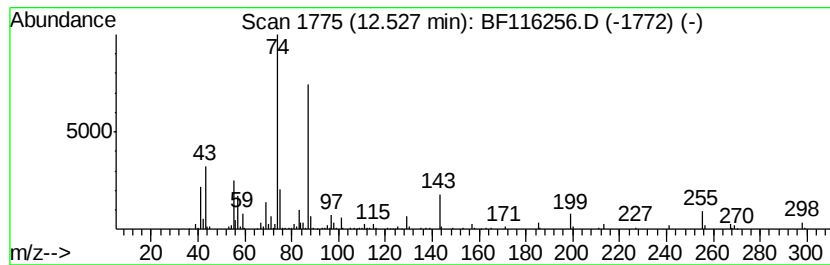
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Peak Number 6 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.53	4.93 ng	319222	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.62	6.62	11.4	ng	467370	1	6.83	821930	20.0
Hexadecanoic acid...	11.74	8.4	ng	542507	4	11.36	1295430	20.0
9,12-Octadecadien...	12.42	18.7	ng	1212240	4	11.36	1295430	20.0
10-Octadecenoic a...	12.45	24.8	ng	1608090	4	11.36	1295430	20.0
Methyl stearate	12.53	4.9	ng	319222	4	11.36	1295430	20.0