

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113904.D
 Acq On : 23 Apr 2019 3:06
 Operator : JU/SJ
 Sample : K2203-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-041819-A

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-BF042219.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	5.516	579	583	593	rBV	660930	637893	37.65%	3.770%
2	6.516	749	753	756	rBV	791937	640251	37.79%	3.784%
3	6.663	775	778	782	rBV	843581	690135	40.73%	4.079%
4	6.898	814	818	822	rBV	1357414	1063987	62.80%	6.289%
5	7.057	841	845	848	rVB	617461	532901	31.45%	3.150%
6	7.451	908	912	915	rBV	444799	356192	21.02%	2.105%
7	8.181	1032	1036	1039	rBV	1632921	1277831	75.42%	7.552%
8	9.251	1215	1218	1222	rBV	1008854	775748	45.79%	4.585%
9	9.339	1229	1233	1237	rVB	27601	25894	1.53%	0.153%
10	9.639	1282	1284	1290	rBV	81809	85082	5.02%	0.503%
11	9.869	1318	1323	1326	rVB	29906	25104	1.48%	0.148%
12	9.933	1331	1334	1338	rBV	1610678	1475026	87.06%	8.718%
13	10.369	1405	1408	1411	rVB	28891	21213	1.25%	0.125%
14	10.716	1464	1467	1477	rBV	564317	502093	29.63%	2.968%
15	10.839	1485	1488	1498	rVB	34844	42821	2.53%	0.253%
16	11.286	1561	1564	1568	rBV2	27351	29069	1.72%	0.172%
17	11.422	1583	1587	1590	rBV	1951619	1694277	100.00%	10.014%
18	11.716	1634	1637	1639	rBV	29148	25568	1.51%	0.151%
19	11.810	1650	1653	1657	rBV	461361	358677	21.17%	2.120%
20	11.939	1672	1675	1680	rBV2	69251	65201	3.85%	0.385%
21	12.121	1701	1706	1710	rBV	28067	33515	1.98%	0.198%
22	12.498	1766	1770	1772	rBV	1249759	1192867	70.41%	7.050%
23	12.521	1772	1774	1780	rVB	1363050	1221986	72.12%	7.222%
24	12.604	1785	1788	1790	rBV	183148	150250	8.87%	0.888%
25	12.633	1790	1793	1794	rBV	51583	47049	2.78%	0.278%
26	12.727	1806	1809	1812	rVB3	24153	22794	1.35%	0.135%
27	12.839	1825	1828	1830	rBV3	47218	50529	2.98%	0.299%
28	12.857	1830	1831	1833	rVB	35383	26686	1.58%	0.158%
29	12.998	1851	1855	1859	rBV	1187035	1021596	60.30%	6.038%
30	13.163	1881	1883	1885	rBV2	43362	37304	2.20%	0.220%
31	13.251	1893	1898	1900	rBV4	56115	81959	4.84%	0.484%
32	14.057	2031	2035	2038	rBV	1809156	1615893	95.37%	9.551%
33	15.539	2283	2287	2291	rBV	964237	1092036	64.45%	6.454%

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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_F\METHODS\8270-BF042219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

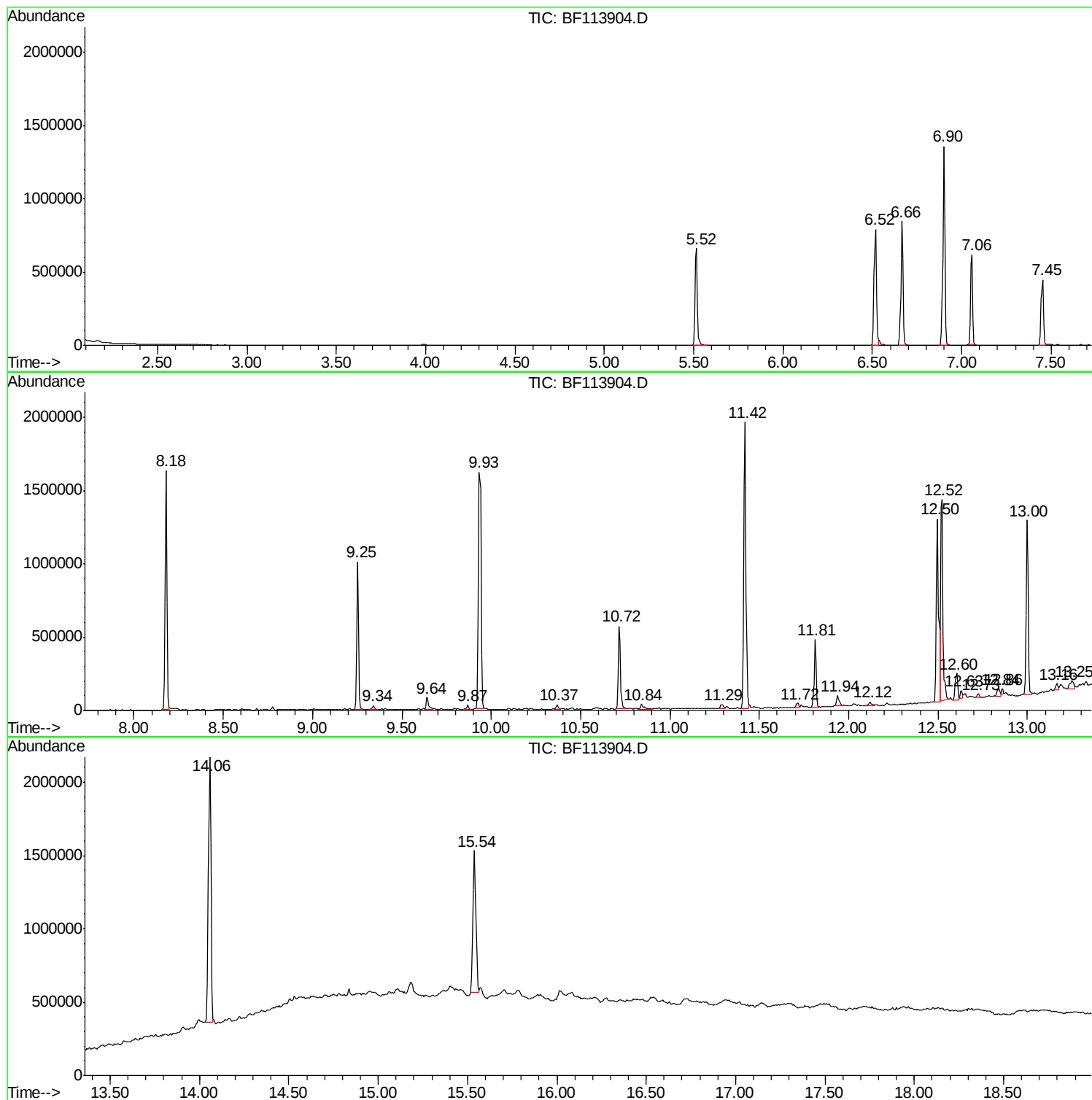
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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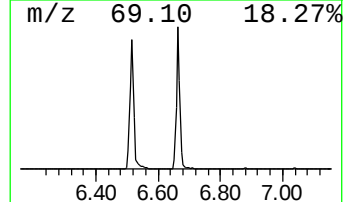
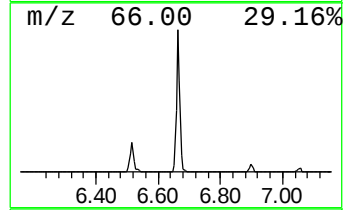
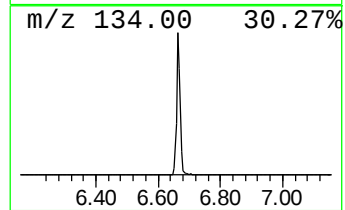
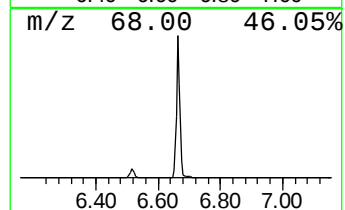
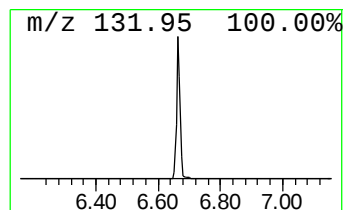
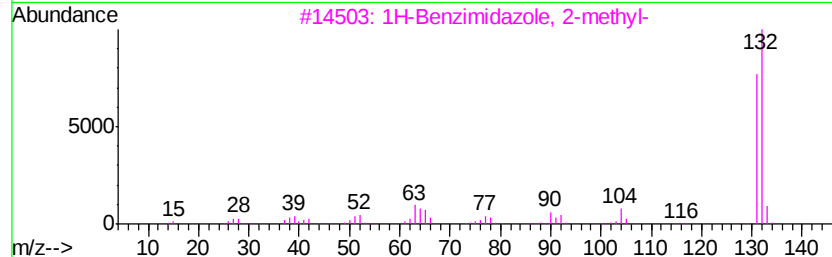
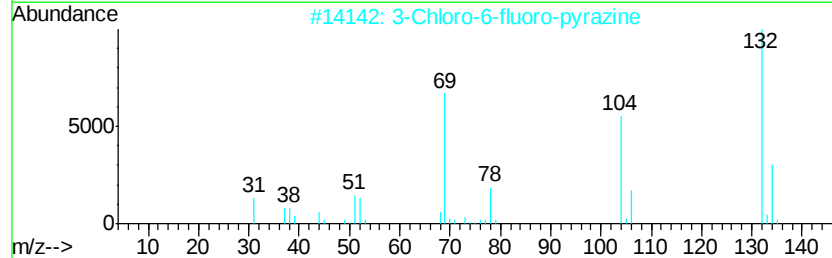
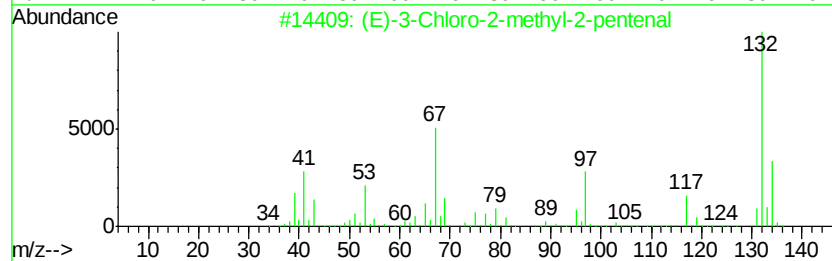
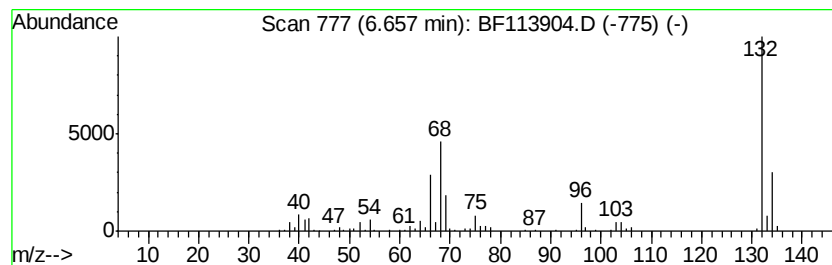
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	12.97 ng	690135	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17		
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16		
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9		
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9		
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9		



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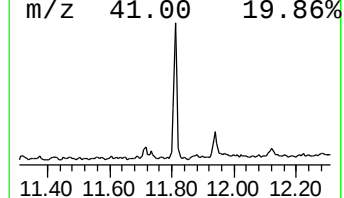
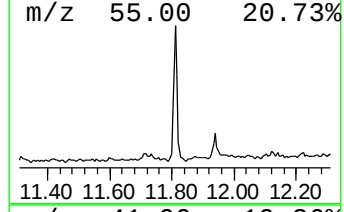
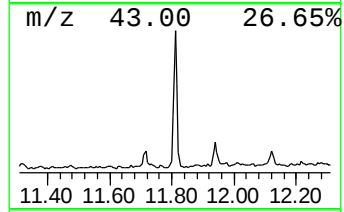
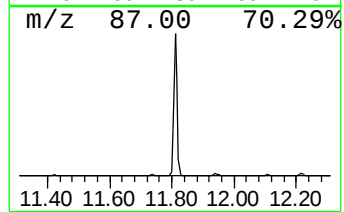
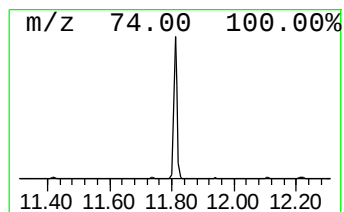
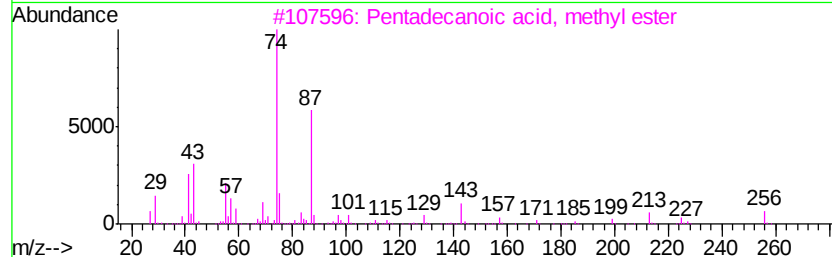
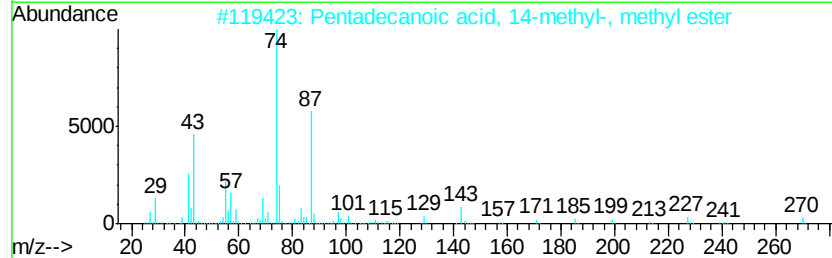
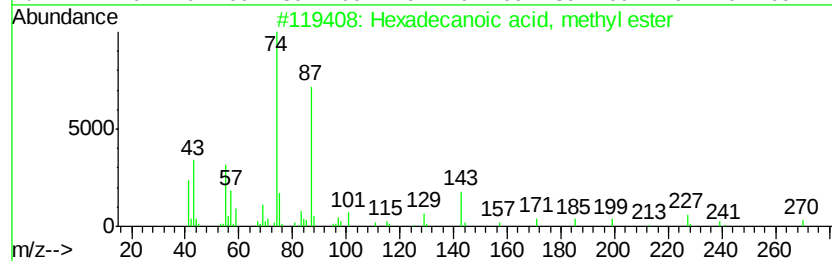
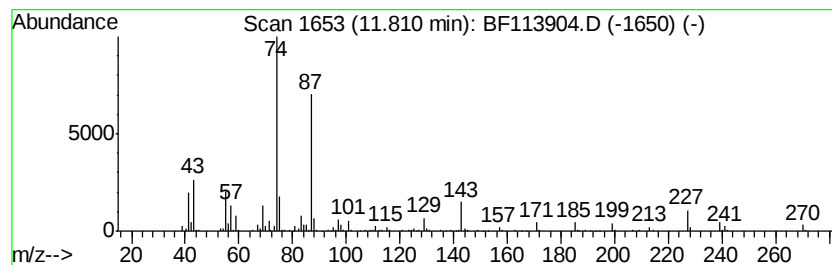
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	4.23 ng	358677	Phenanthrene-d10	11.42	
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	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80



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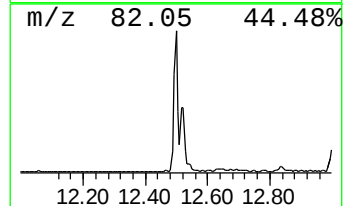
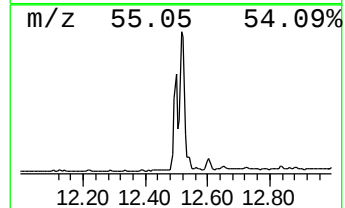
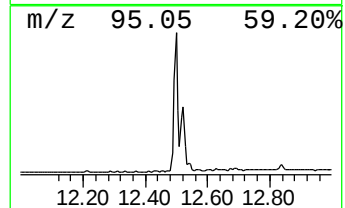
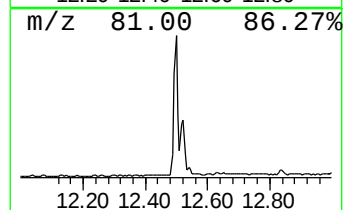
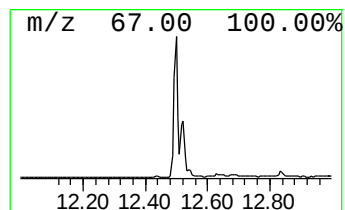
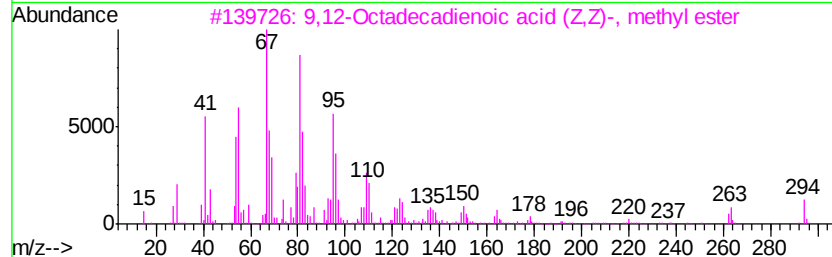
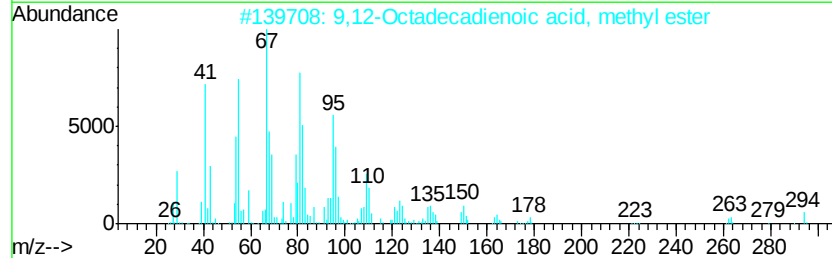
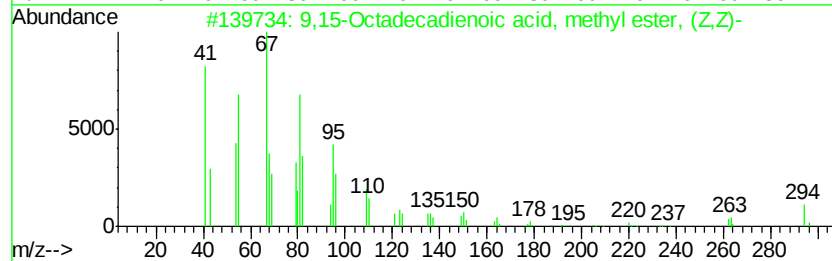
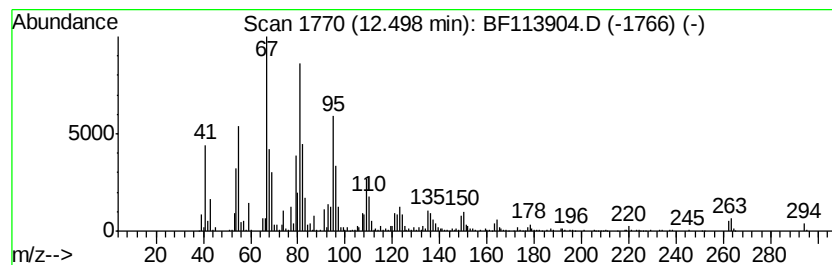
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 9,15-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	14.08 ng	1192870	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	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	



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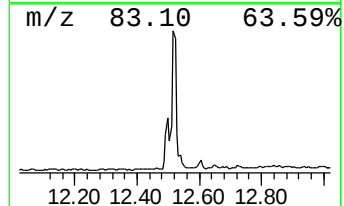
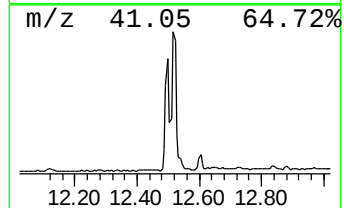
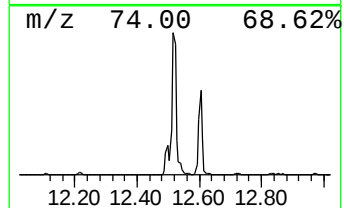
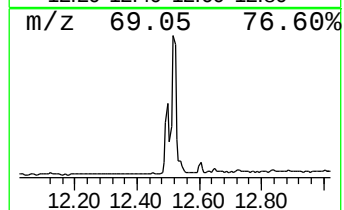
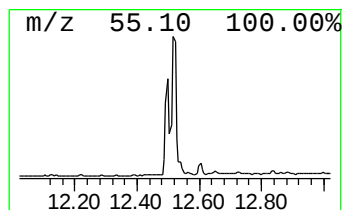
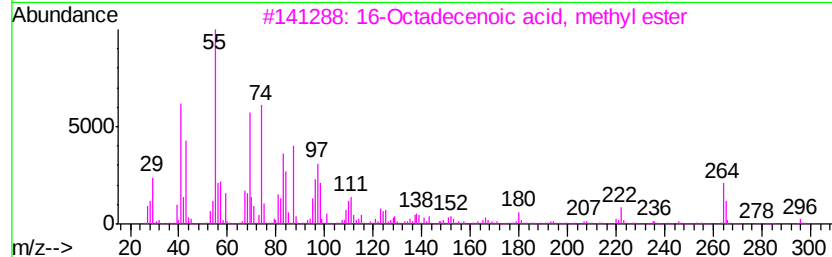
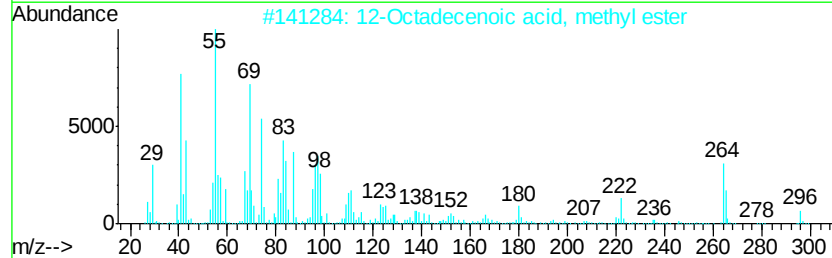
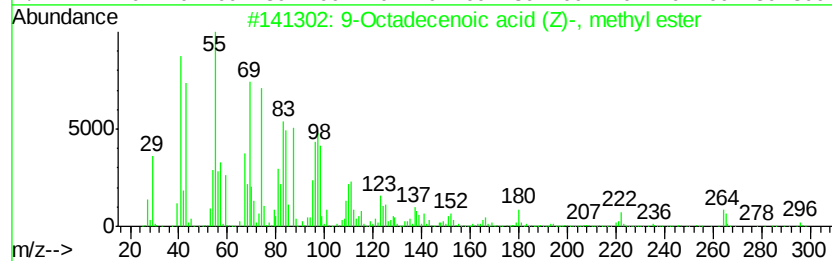
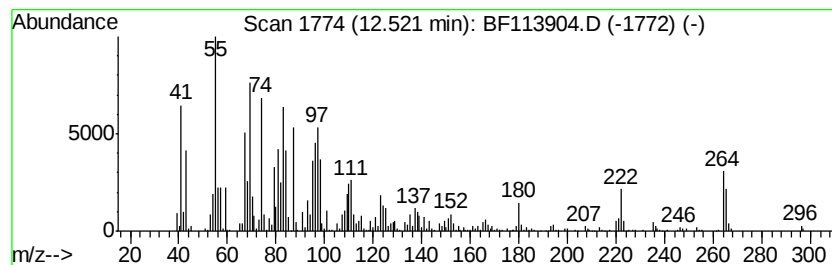
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	14.42 ng	1221990	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	13.0	ng	690135	1	6.90	1063990	20.0
Hexadecanoic acid...	11.81	4.2	ng	358677	4	11.42	1694280	20.0
9,15-Octadecadien...	12.50	14.1	ng	1192870	4	11.42	1694280	20.0
9-Octadecenoic ac...	12.52	14.4	ng	1221990	4	11.42	1694280	20.0