

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113973.D
 Acq On : 24 Apr 2019 20:27
 Operator : JU/SJ
 Sample : K2540-03 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-007-B

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	5.098	508	512	520	rBV	72184	74741	6.16%	0.778%
2	5.516	578	583	591	rBV	14596	19861	1.64%	0.207%
3	6.516	749	753	764	rBV	98935	118399	9.76%	1.233%
4	6.663	774	778	784	rBV	57970	48132	3.97%	0.501%
5	6.740	786	791	794	rBV2	16737	17558	1.45%	0.183%
6	6.898	814	818	827	rBV	779045	663486	54.68%	6.908%
7	7.051	841	844	848	rBV	205234	167607	13.81%	1.745%
8	7.451	904	912	918	rBV	100936	112832	9.30%	1.175%
9	8.181	1030	1036	1043	rBV	878250	861026	70.96%	8.964%
10	8.775	1133	1137	1140	rVB	21571	18752	1.55%	0.195%
11	9.251	1214	1218	1229	rBV	263884	254967	21.01%	2.654%
12	9.339	1229	1233	1238	rVV3	29573	31547	2.60%	0.328%
13	9.645	1282	1285	1289	rBV2	23752	33721	2.78%	0.351%
14	9.863	1317	1322	1327	rBV2	24531	24305	2.00%	0.253%
15	9.933	1330	1334	1338	rBV	1040425	889334	73.29%	9.259%
16	10.363	1404	1407	1410	rVB	30282	23903	1.97%	0.249%
17	10.480	1424	1427	1433	rBV3	13472	15615	1.29%	0.163%
18	10.839	1484	1488	1495	rBV3	29520	45172	3.72%	0.470%
19	11.286	1560	1564	1566	rBV	29200	26310	2.17%	0.274%
20	11.316	1566	1569	1575	rVB	23084	26650	2.20%	0.277%
21	11.416	1582	1586	1589	rBV	968225	841017	69.31%	8.756%
22	11.439	1589	1590	1593	rVV	111236	69615	5.74%	0.725%
23	11.492	1597	1599	1602	rVB	19991	16909	1.39%	0.176%
24	11.645	1620	1625	1627	rBV2	11242	16675	1.37%	0.174%
25	11.710	1632	1636	1638	rBV	32153	28105	2.32%	0.293%
26	11.810	1649	1653	1656	rBV	449284	380113	31.33%	3.957%
27	11.922	1669	1672	1673	rBV	15650	16146	1.33%	0.168%
28	11.945	1673	1676	1679	rVB2	25077	25450	2.10%	0.265%
29	12.027	1687	1690	1693	rBV3	23232	27245	2.25%	0.284%
30	12.116	1703	1705	1709	rBV	34923	29943	2.47%	0.312%
31	12.216	1719	1722	1723	rBV3	16407	15101	1.24%	0.157%
32	12.398	1750	1753	1759	rBV8	16806	32125	2.65%	0.334%
33	12.469	1762	1765	1766	rBV	28186	24461	2.02%	0.255%
34	12.492	1766	1769	1771	rBV	1419636	1213364	100.00%	12.632%

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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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.516	1771	1773	1776	rVB	1067202	826103	68.08%	8.601%
36	12.598	1784	1787	1790	rBV	211858	168741	13.91%	1.757%
37	12.627	1790	1792	1797	rVB	125699	104323	8.60%	1.086%
38	12.857	1825	1831	1833	rBV	112418	132039	10.88%	1.375%
39	12.998	1851	1855	1858	rBV	256830	252207	20.79%	2.626%
40	13.233	1892	1895	1896	rBV	43906	42564	3.51%	0.443%
41	13.574	1951	1953	1956	rBV3	51363	51937	4.28%	0.541%
42	13.904	2007	2009	2012	rVB2	51775	40204	3.31%	0.419%
43	14.057	2031	2035	2039	rBV	905397	997348	82.20%	10.384%
44	14.227	2062	2064	2069	rVB	73755	65192	5.37%	0.679%
45	14.545	2116	2118	2123	rBV	79658	71396	5.88%	0.743%
46	15.562	2287	2291	2294	rBV	555246	642872	52.98%	6.693%

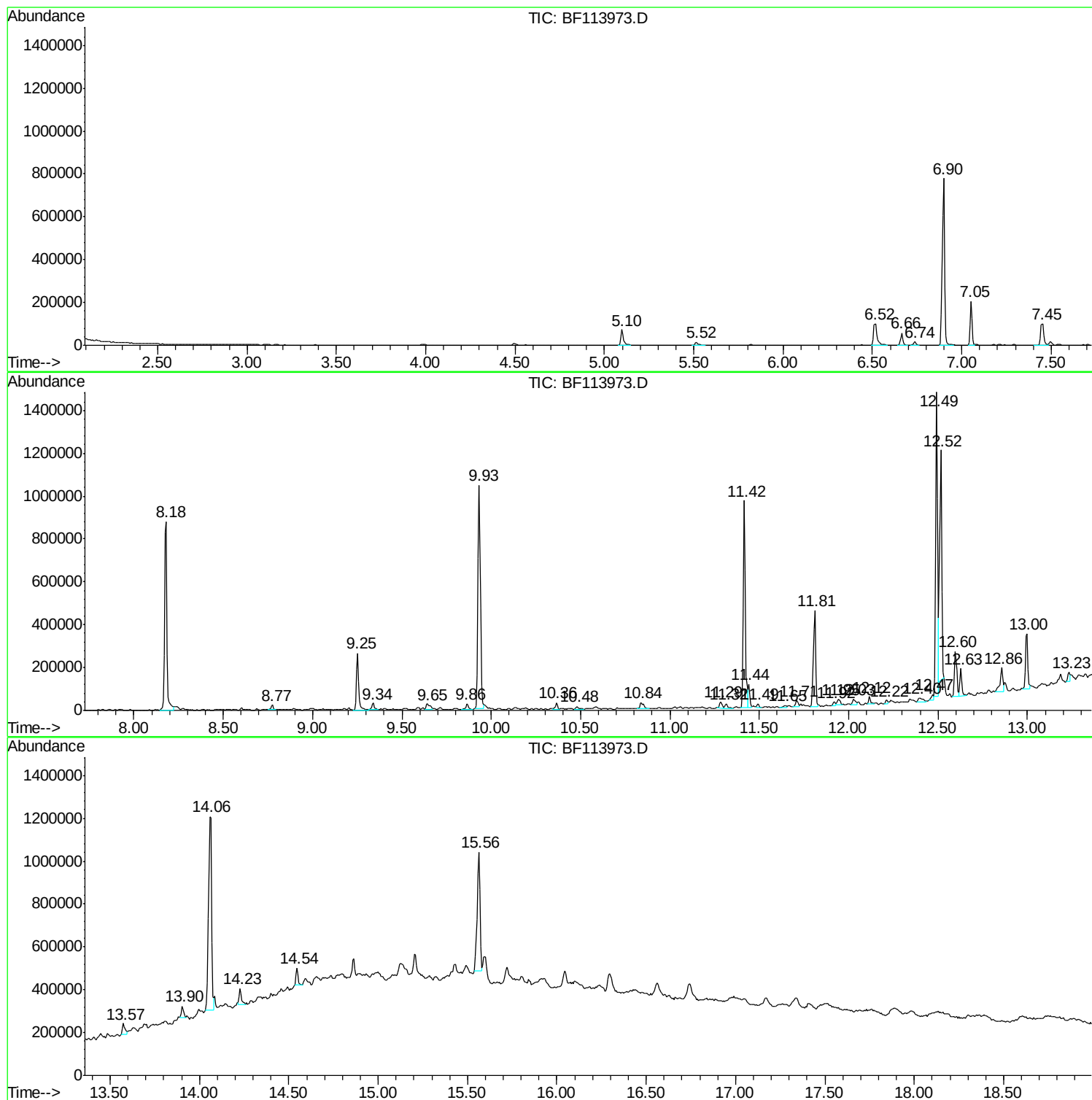
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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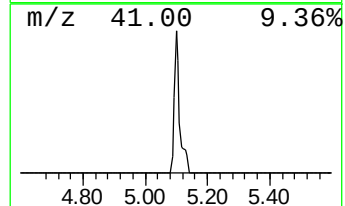
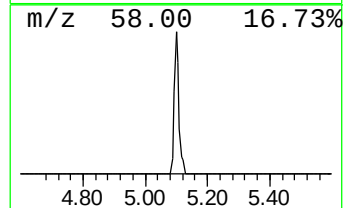
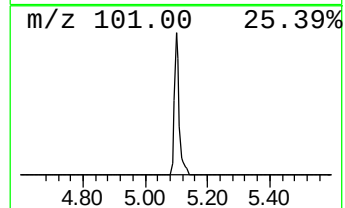
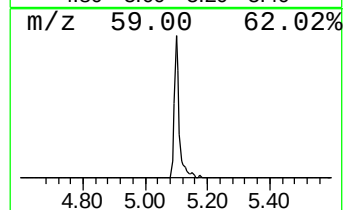
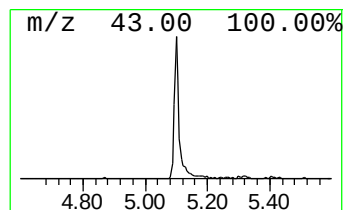
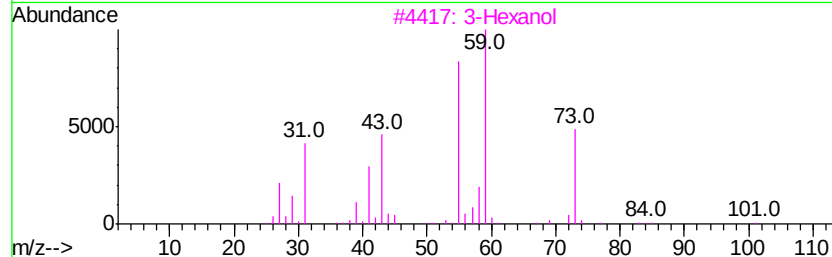
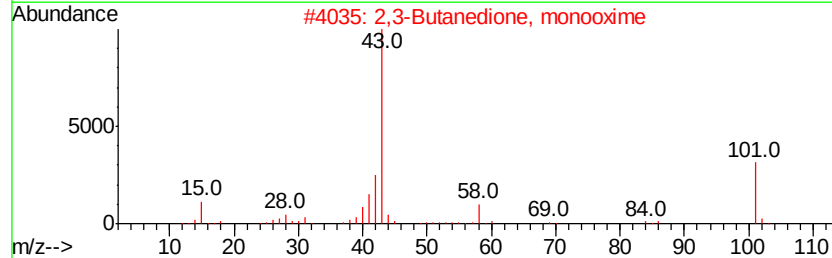
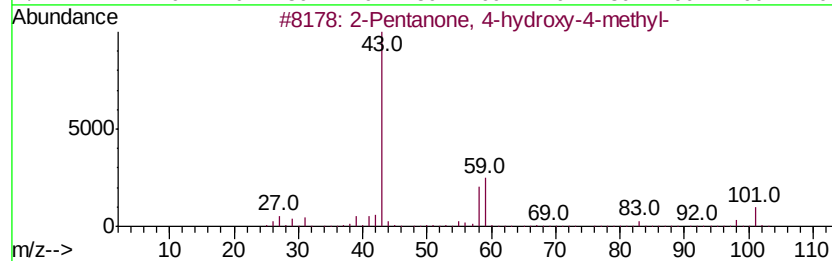
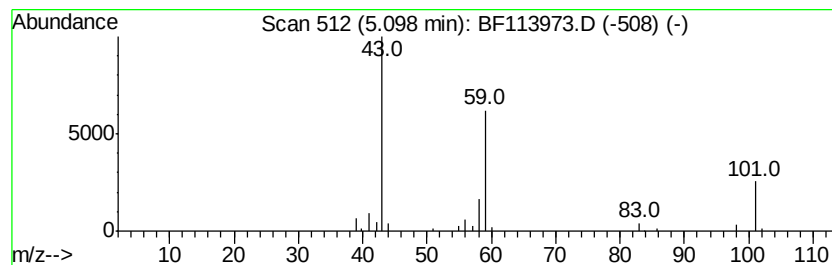
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	2.25 ng	74741	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	38
3		3-Hexanol	102	C6H14O	000623-37-0	25
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25



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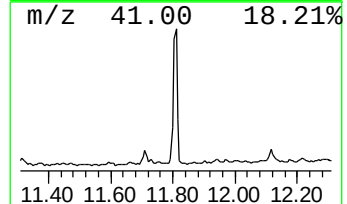
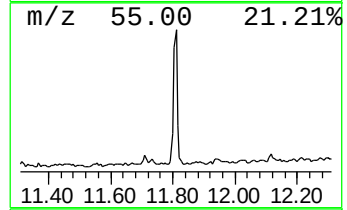
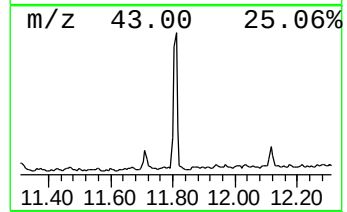
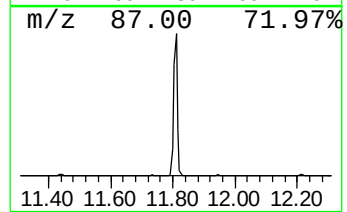
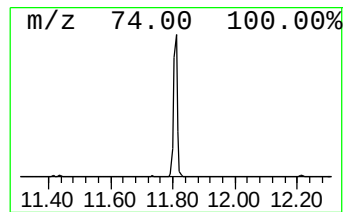
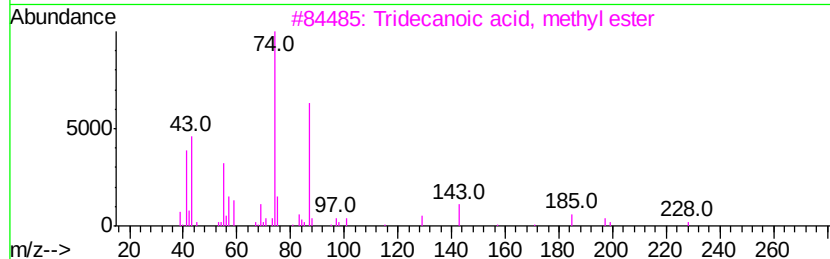
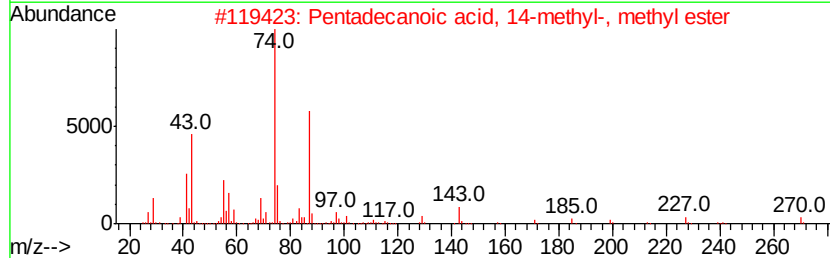
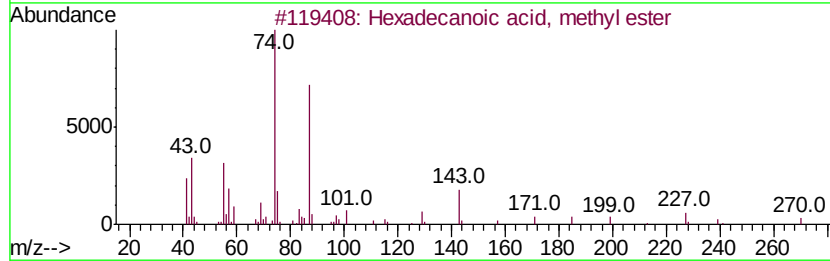
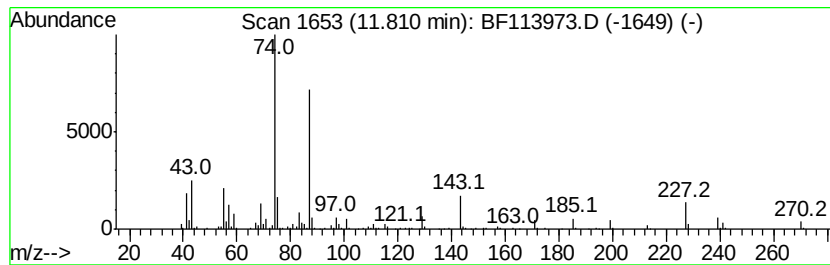
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.81	9.04 ng	380113	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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72



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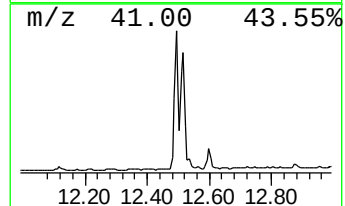
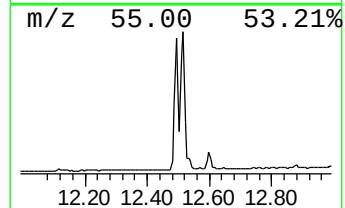
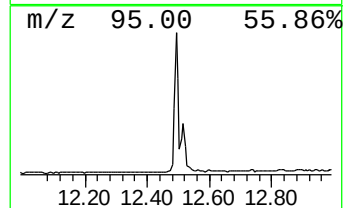
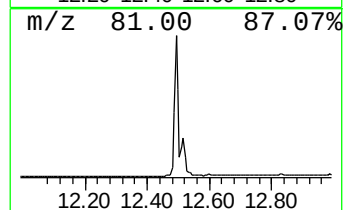
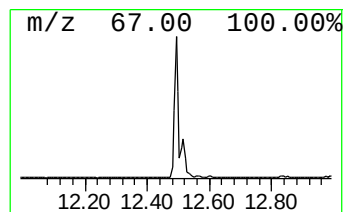
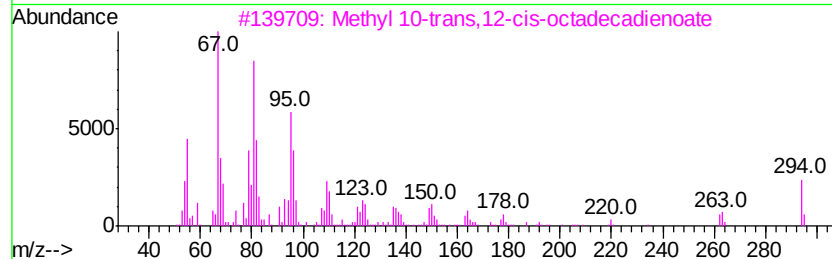
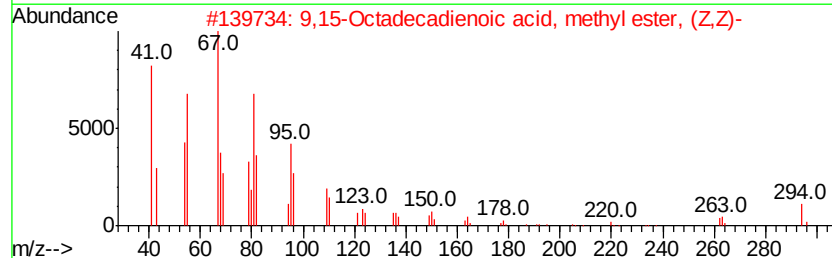
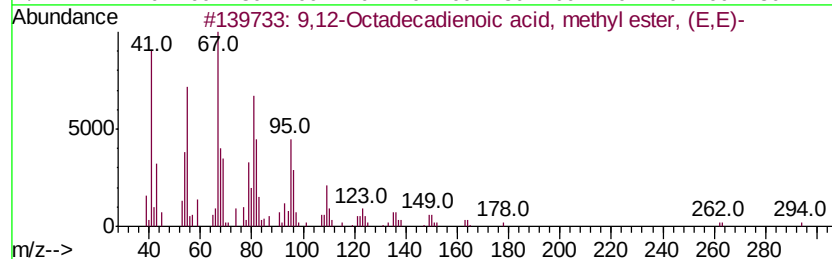
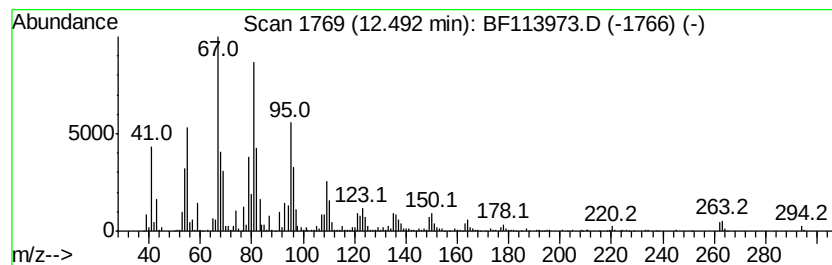
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	28.85 ng	1213360	Phenanthrene-d10	11.42		
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	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98	



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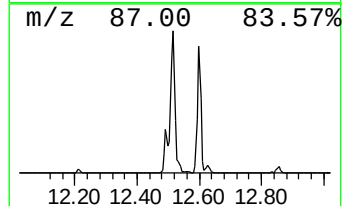
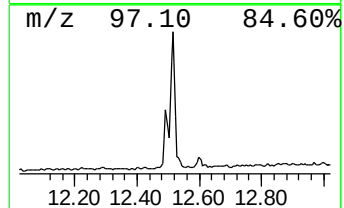
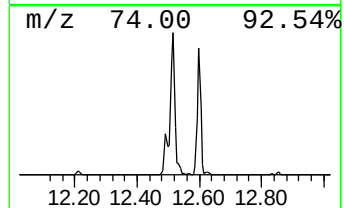
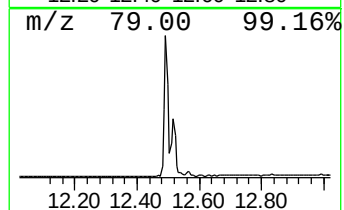
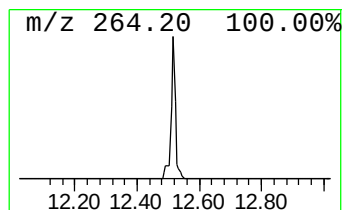
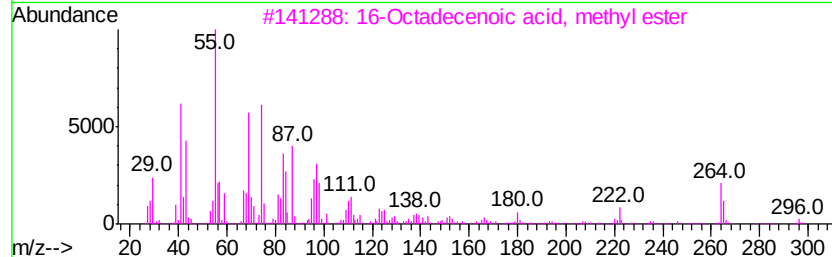
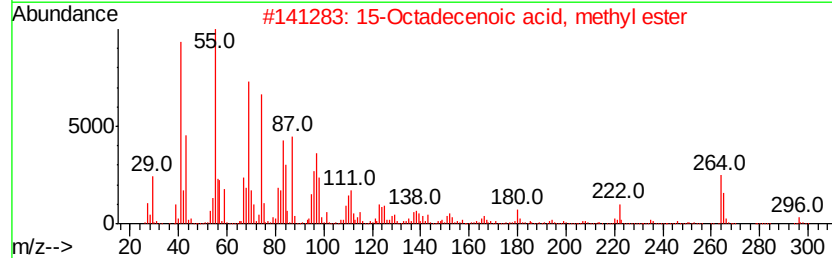
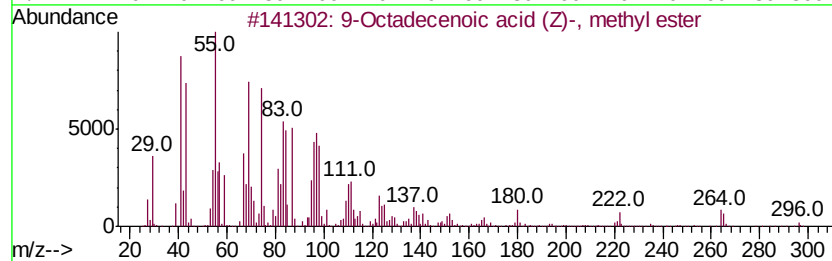
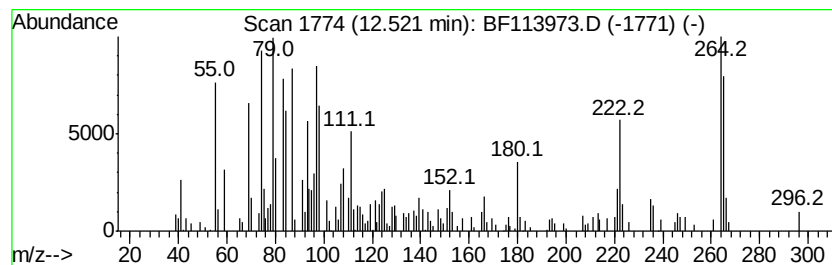
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.52	19.65 ng	826103	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	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.10	2.3	ng	74741	1	6.90	663486	20.0
Hexadecanoic acid...	11.81	9.0	ng	380113	4	11.42	841017	20.0
9,12-Octadecadien...	12.49	28.9	ng	1213360	4	11.42	841017	20.0
9-Octadecenoic ac...	12.52	19.6	ng	826103	4	11.42	841017	20.0