

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100720\
 Data File : BF121873.D
 Acq On : 7 Oct 2020 14:54
 Operator : JU/CG
 Sample : L4260-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B23-100220-10-19

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-BF091020.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	4.975	488	491	501	rBV	20402	29600	1.26%	0.157%
2	5.393	558	562	578	rBV	1857248	2031469	86.70%	10.771%
3	6.410	731	735	761	rBV	2073007	2079297	88.74%	11.024%
4	6.610	764	769	777	rBV2	18968	41158	1.76%	0.218%
5	6.763	792	795	804	rVB	860034	694111	29.62%	3.680%
6	7.328	887	891	906	rBV	1386752	1404134	59.92%	7.445%
7	8.045	1009	1013	1034	rVB	866568	905970	38.66%	4.803%
8	9.122	1192	1196	1207	rBV	2569498	2343172	100.00%	12.423%
9	9.516	1260	1263	1271	rBV	249480	264493	11.29%	1.402%
10	9.798	1307	1311	1324	rBV	952156	965573	41.21%	5.119%
11	10.592	1442	1446	1462	rBV	1138167	1178972	50.32%	6.251%
12	11.286	1560	1564	1567	rBV	963849	861843	36.78%	4.569%
13	11.310	1567	1568	1572	rVV	140598	92827	3.96%	0.492%
14	11.363	1575	1577	1581	rVB	33472	29831	1.27%	0.158%
15	11.675	1627	1630	1634	rBV	299934	265247	11.32%	1.406%
16	11.904	1666	1669	1677	rVB2	29299	44449	1.90%	0.236%
17	12.363	1744	1747	1748	rBV	382323	304778	13.01%	1.616%
18	12.380	1748	1750	1756	rVB	689335	649208	27.71%	3.442%
19	12.469	1762	1765	1768	rBV	157401	119608	5.10%	0.634%
20	12.498	1768	1770	1774	rVB	157374	136660	5.83%	0.725%
21	12.680	1798	1801	1804	rBV	47129	49830	2.13%	0.264%
22	12.727	1804	1809	1814	rVV	178008	207937	8.87%	1.102%
23	12.869	1829	1833	1837	rBV	2057158	1933330	82.51%	10.250%
24	13.122	1874	1876	1880	rVB2	35909	32095	1.37%	0.170%
25	13.163	1880	1883	1886	rBV2	29000	34328	1.47%	0.182%
26	13.351	1912	1915	1918	rBV	41751	41714	1.78%	0.221%
27	13.439	1928	1930	1932	rBV2	35275	28678	1.22%	0.152%
28	13.786	1985	1989	2000	rBV3	164349	370977	15.83%	1.967%
29	13.927	2009	2013	2016	rBV	830396	794429	33.90%	4.212%
30	15.310	2245	2248	2253	rBV	88957	117921	5.03%	0.625%
31	15.374	2254	2259	2271	rVB	591082	807554	34.46%	4.282%

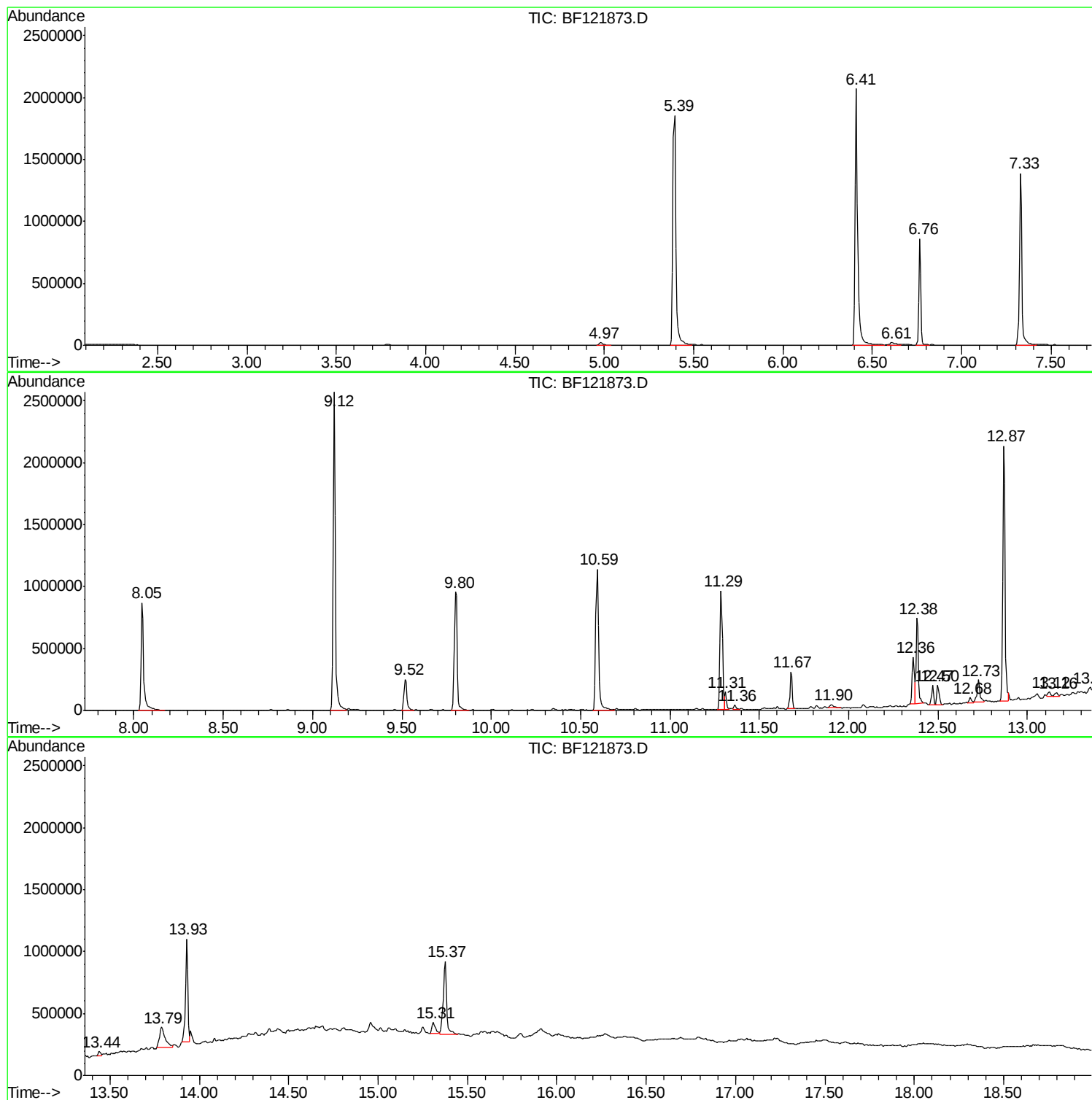
Sum of corrected areas: 18861193

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.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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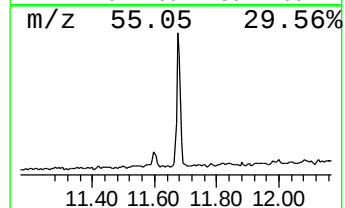
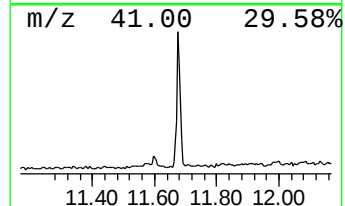
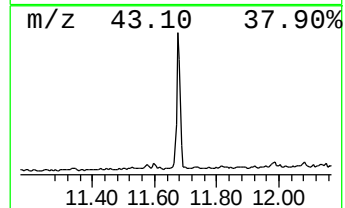
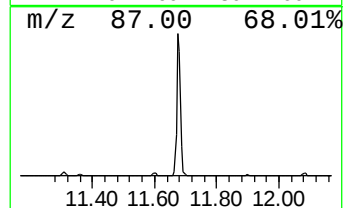
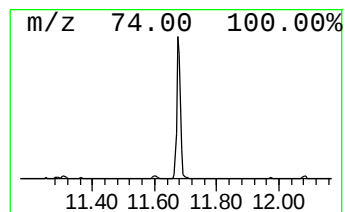
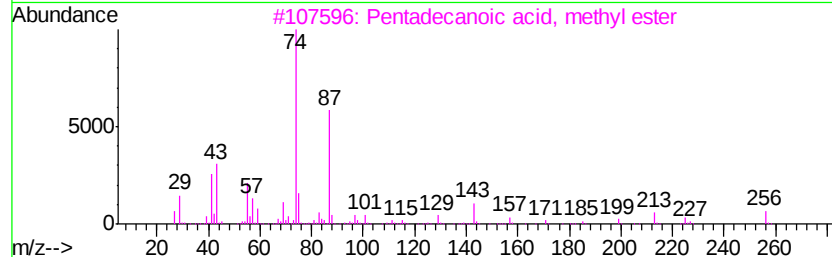
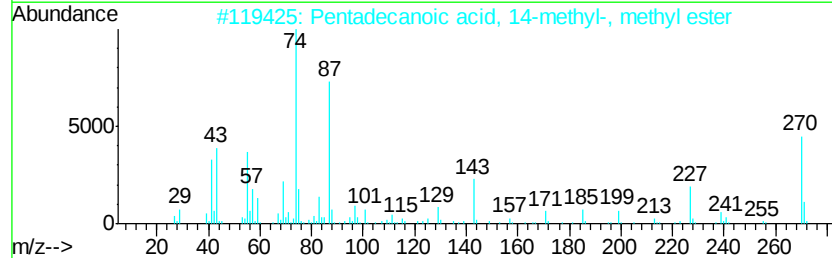
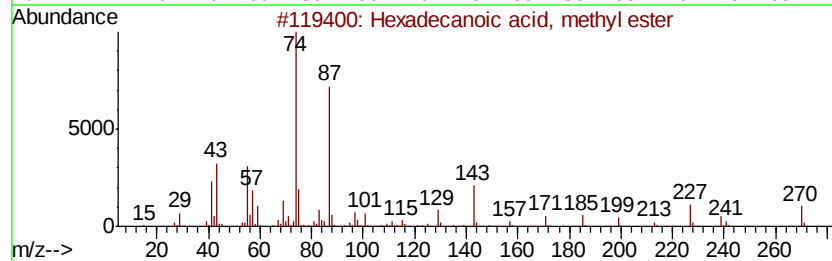
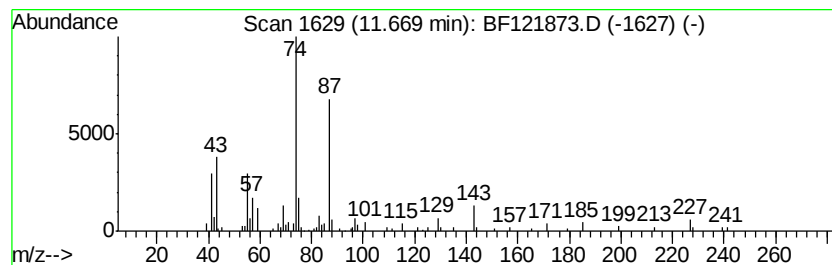
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.67	6.16 ng	265247	Phenanthrene-d10	11.29	
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	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86
5	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86



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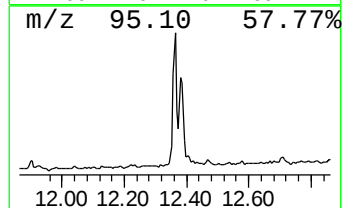
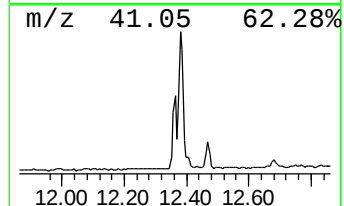
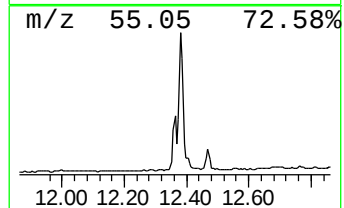
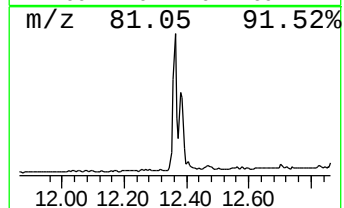
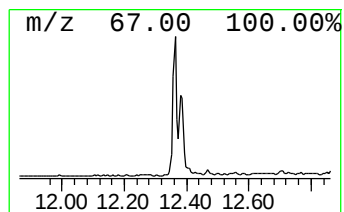
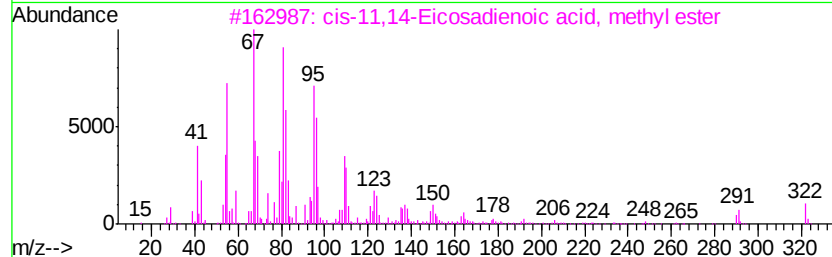
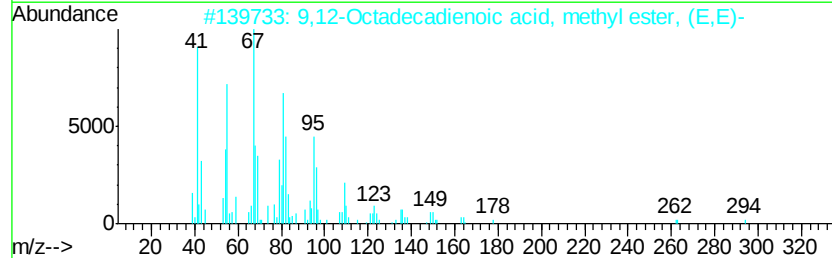
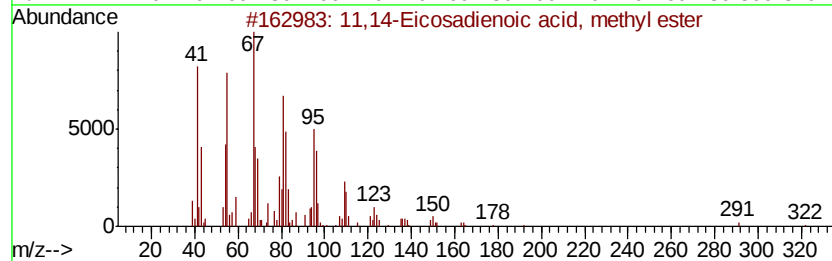
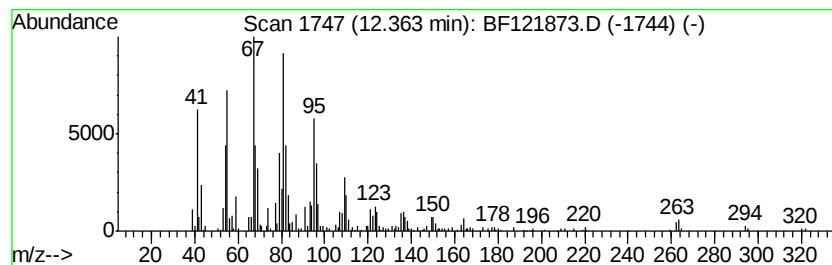
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 11,14-Eicosadienoic acid, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.07 ng	304778	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	99
2		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002566-97-4	99
3		cis-11,14-Eicosadienoic acid, me...	322	C21H38O2	1000333-61-8	99
4		9,12-Octadecadienoic acid, methyl...	294	C19H34O2	002462-85-3	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



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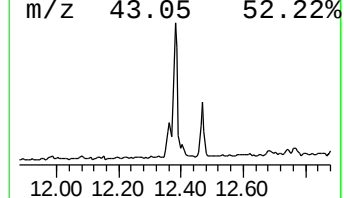
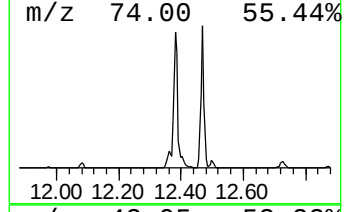
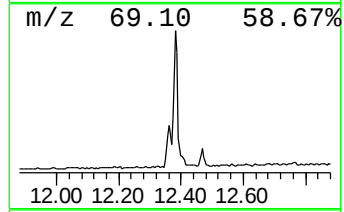
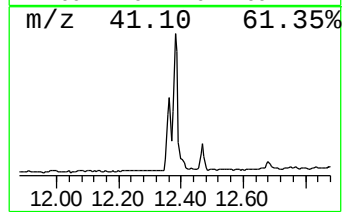
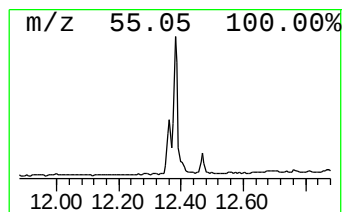
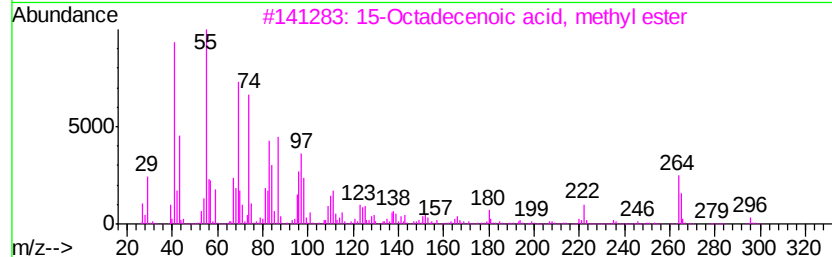
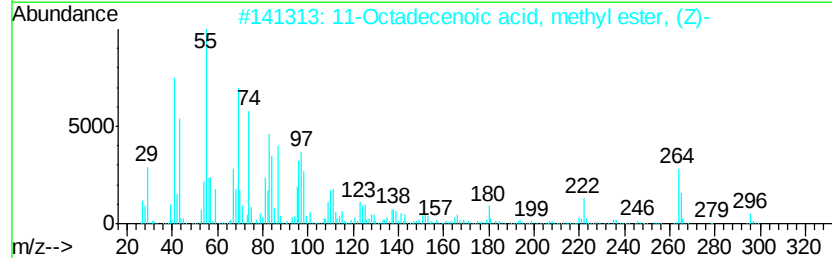
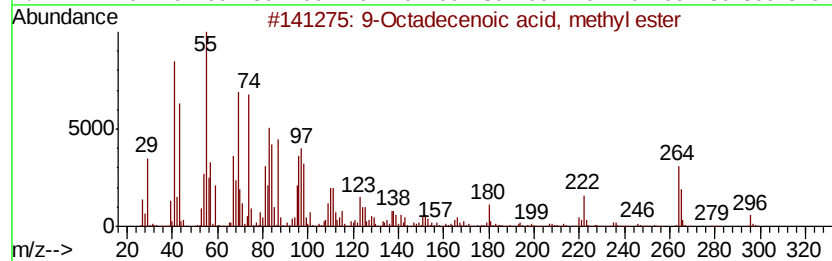
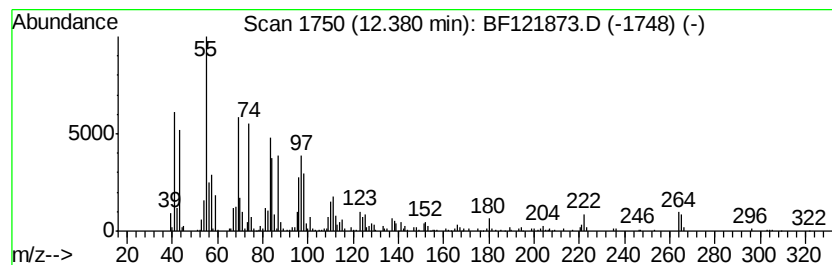
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TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	15.07 ng	649208	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96	
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	96	
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96	
4	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	95	
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94	



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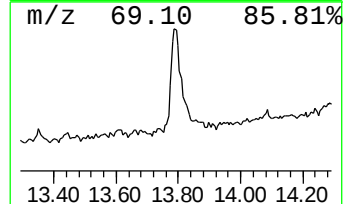
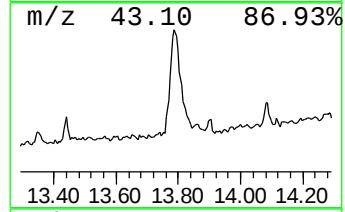
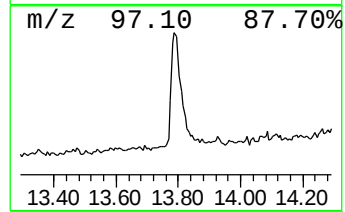
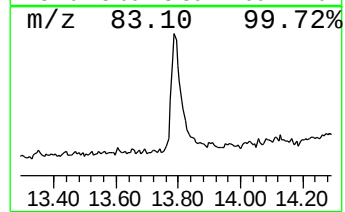
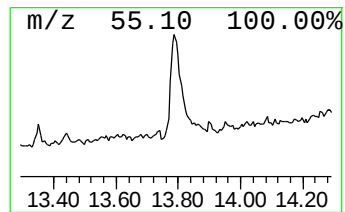
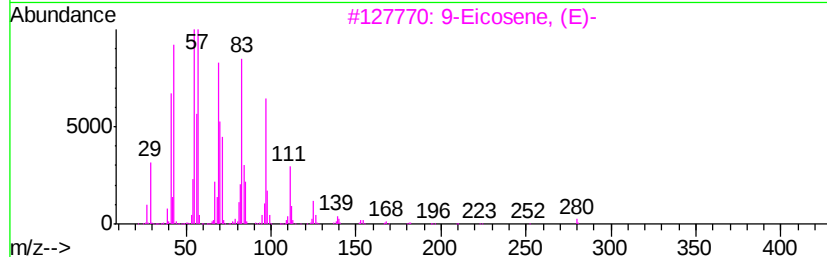
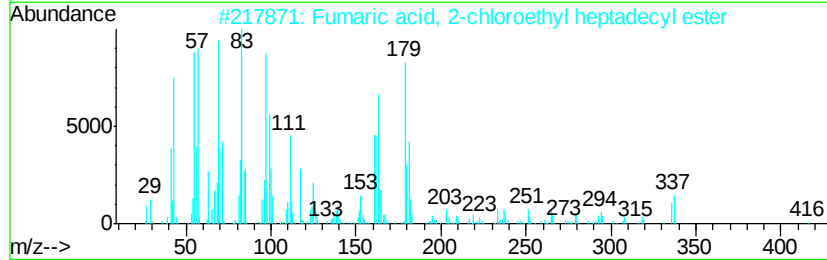
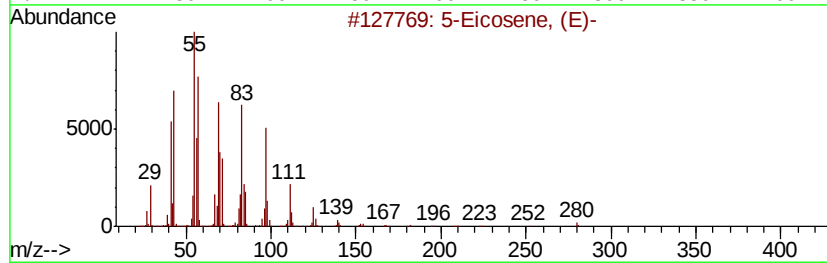
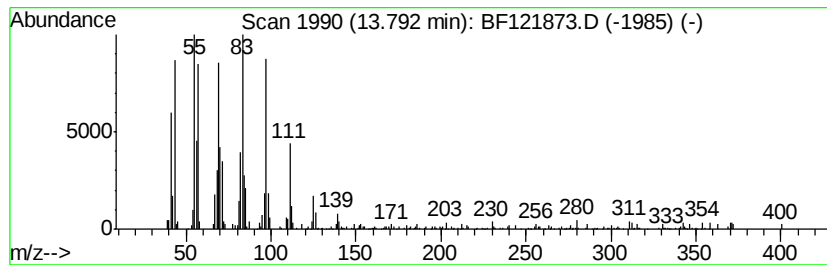
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Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.79	9.34 ng	370977	Chrysene-d12	13.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Fumaric acid, 2-chloroethyl hept...	416	C23H41ClO4	1000330-62-3	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecanoic acid...	11.67	6.2	ng	265247	4	11.29	861843	20.0
11,14-Eicosadieno...	12.36	7.1	ng	304778	4	11.29	861843	20.0
9-Octadecenoic ac...	12.38	15.1	ng	649208	4	11.29	861843	20.0
5-Eicosene, (E)-	13.79	9.3	ng	370977	5	13.93	794429	20.0