LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041919\
Data File : BF113870.D
Acq On : 19 Apr 2019 20:23
Operator : JU/SJ
Sample : K2203-15 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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_F\METHODS\8270-BF041819.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	595	rBV	697014	610523	42.19%	3.885%
2	6.516	750	753	756	rBV	717759	614054	42.43%	3.907%
3	6.669	775	779	782	rBV	802245	644846	44.56%	4.103%
4	6.904	815	819	822	rBV	1161156	952776	65.84%	6.063%
5	7.057	842	845	849	rBV	643183	503743	34.81%	3.206%
6	7.451	909	912	916	rBV	381957	318728	22.02%	2.028%
7	8.186	1033	1037	1040	rBV	1297834	1128096	77.95%	7.179%
8	9.257	1215	1219	1222	rBV	914261	682333	47.15%	4.342%
9	9.345	1230	1234	1239	rBV	29297	27342	1.89%	0.174%
10	9.645	1283	1285	1288	rBV	79881	69956	4.83%	0.445%
11	9.798	1308	1311	1314	rBV	20886	19265	1.33%	0.123%
12	9.874	1321	1324	1329	rVB	39625	33312	2.30%	0.212%
13	9.939	1331	1335	1339	rVB	1399031	1182325	81.70%	7.524%
14	10.374	1406	1409	1412	rBV	39728	28772	1.99%	0.183%
15	10.598	1442	1447	1453	rBV	16675	24618	1.70%	0.157%
16	10.721	1464	1468	1478	rBV	432248	386268	26.69%	2.458%
17	10.845	1487	1489	1495	rBV	42774	52083	3.60%	0.331%
18	11.298	1563	1566	1569	rBV2	39940	35822	2.48%	0.228%
19	11.327	1569	1571	1577	rVB2	17851	19667	1.36%	0.125%
20	11.427	1584	1588	1591	rBV	1453982	1256465	86.82%	7.995%
21	11.451	1591	1592	1595	rVB	50149	30775	2.13%	0.196%
22	11.733	1637	1640	1642	rBV	33889	30315	2.09%	0.193%
23	11.833	1653	1657	1660	rBV	572289	452046	31.24%	2.877%
24	11.968	1677	1680	1684	rVB2	76998	82688	5.71%	0.526%
25	12.057	1693	1695	1698	rVB2	19324	18517	1.28%	0.118%
26	12.157	1709	1712	1716	rBV2	30798	27114	1.87%	0.173%
27	12.563	1777	1781	1783	rBV	1514436	1447191	100.00%	9.209%
28	12.586	1783	1785	1788	rVB	1689871	1350257	93.30%	8.592%
29	12.680	1797	1801	1802	rBV	196078	184574	12.75%	1.175%
30	12.698	1802	1804	1807	rVV	154604	143417	9.91%	0.913%
31	12.727	1807	1809	1812	rVV2	35775	33662	2.33%	0.214%
32	12.815	1819	1824	1832	rVB4	38568	59525	4.11%	0.379%
33	12.951	1841	1847	1850	rBV	155284	216251	14.94%	1.376%
34	13.115	1871	1875	1879	rBV	823520	749122	51.76%	4.767%

LSC Area Percent Report

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

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_F\METHODS\8270-BF041819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.315	1906	1909	1910	rBV3	38295	38172	2.64%	0.243%
36	13.404	1920	1924	1929	rBV3	53286	86531	5.98%	0.551%
37	13.445	1929	1931	1934	rBV3	20942	18055	1.25%	0.115%
38	13.510	1939	1942	1946	rVV3	36660	40068	2.77%	0.255%
39	13.815	1991	1994	1998	rVB	42072	42246	2.92%	0.269%
40	14.374	2084	2089	2093	rBV	1106246	1215225	83.97%	7.733%
41	16.180	2392	2396	2404	rVB	710434	858155	59.30%	5.461%

Sum of corrected areas: 15714900

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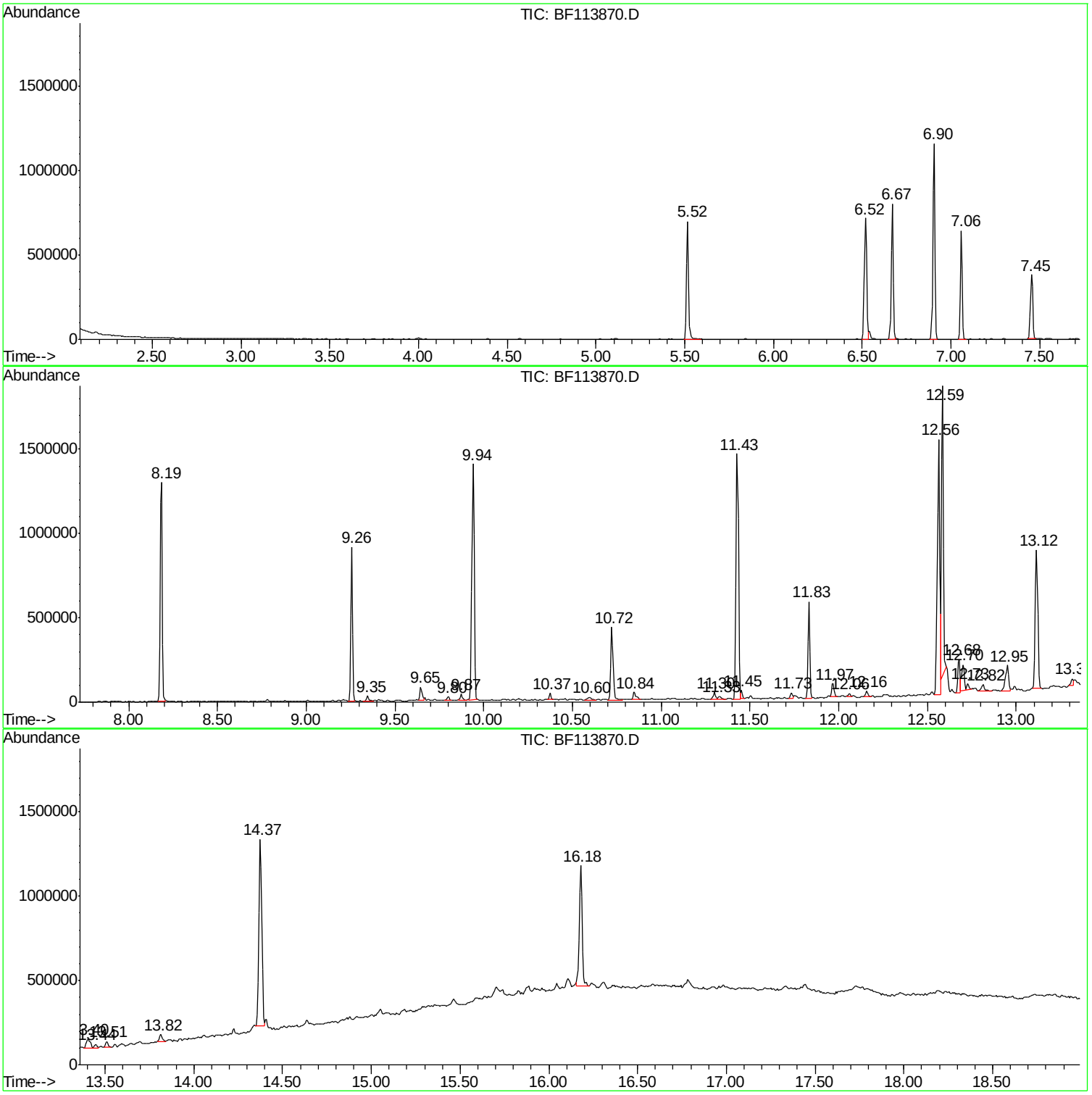
BNA_F
ClientSampleId :
SU-02-041819-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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

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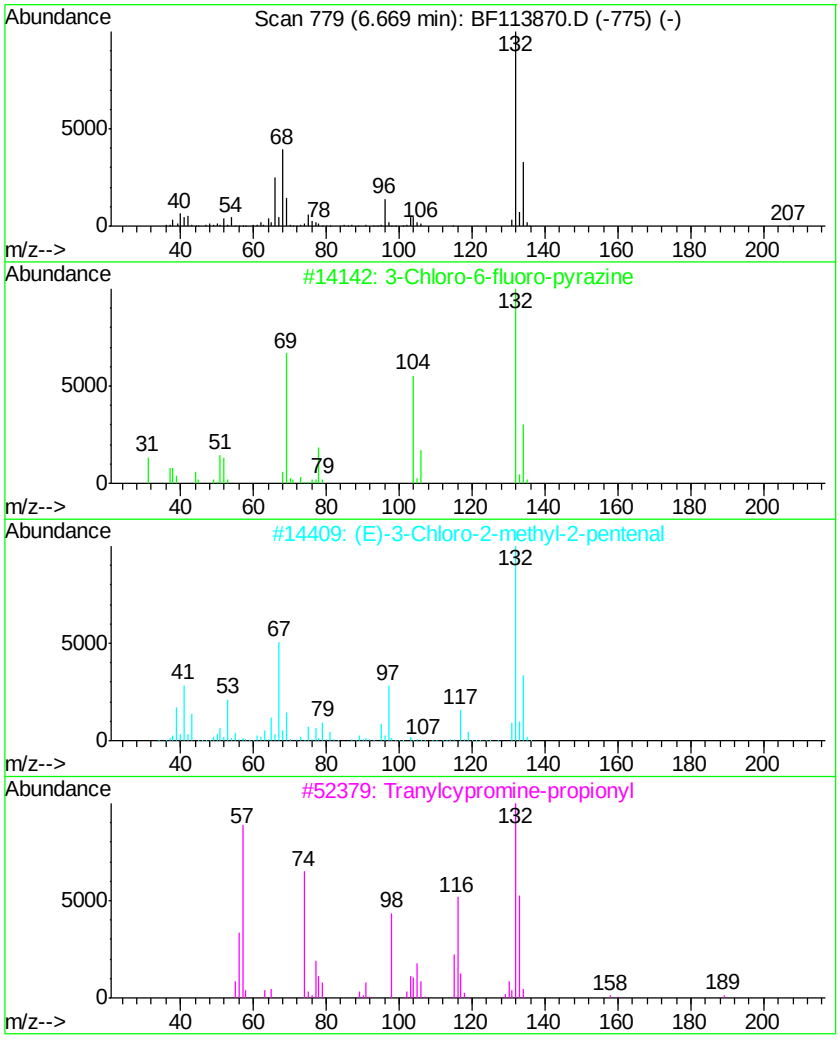
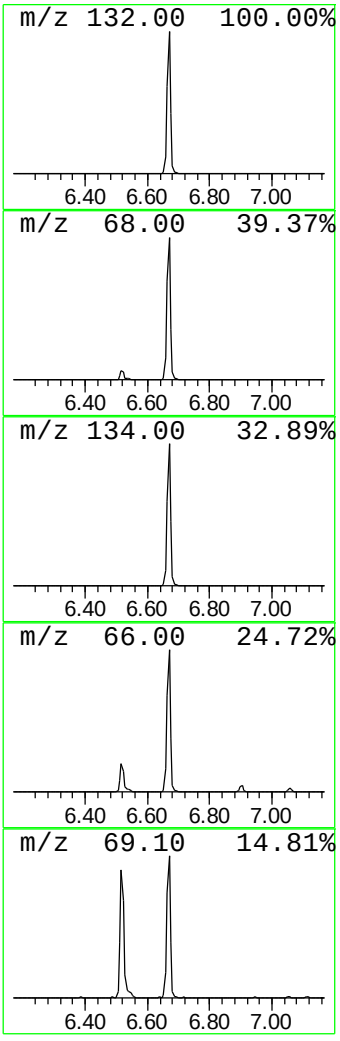
Peak Number 1 unknown6.67 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	13.54 ng	644846	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

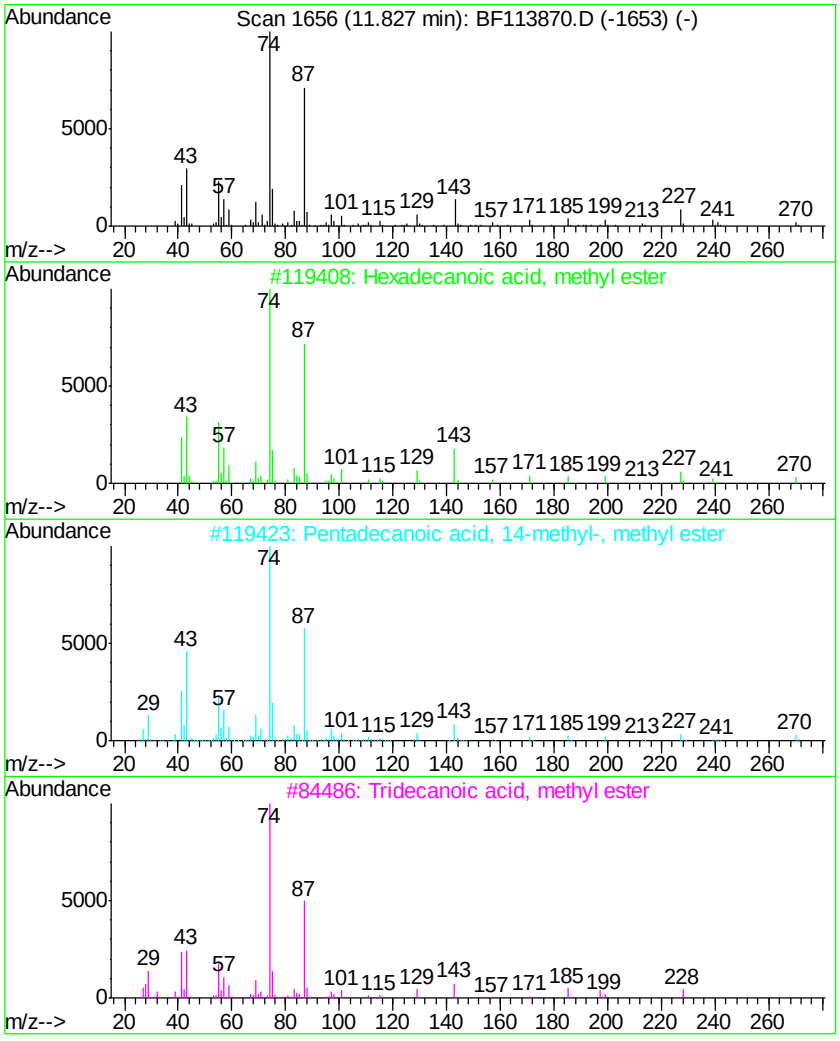
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

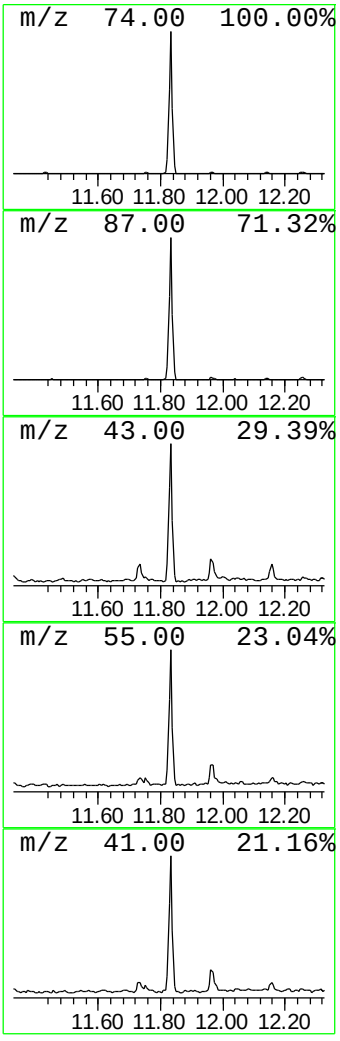
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	7.20 ng	452046	Phenanthrene-d10	11.43

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	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041819.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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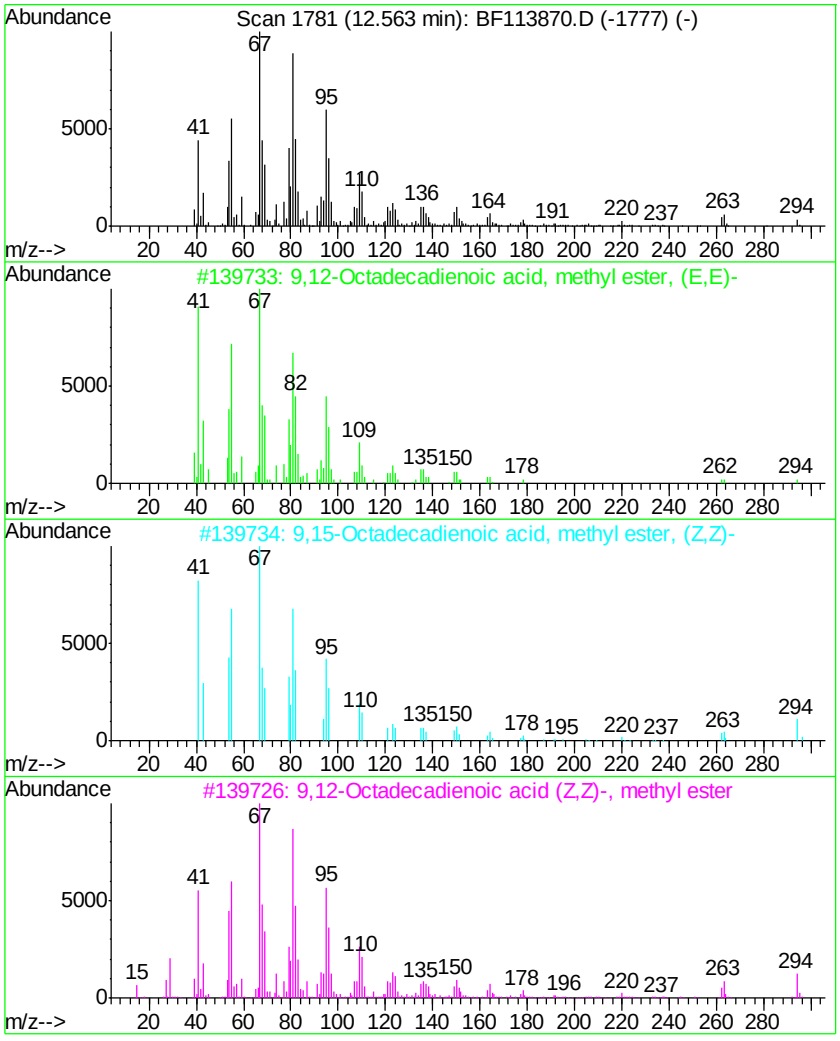
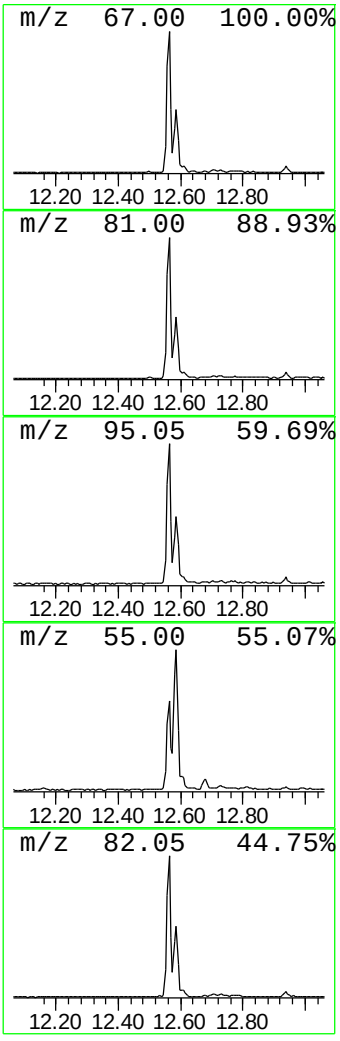
Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	23.04 ng	1447190	Phenanthrene-d10	11.43

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	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	98





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ALS Vial : 22 Sample Multiplier: 1

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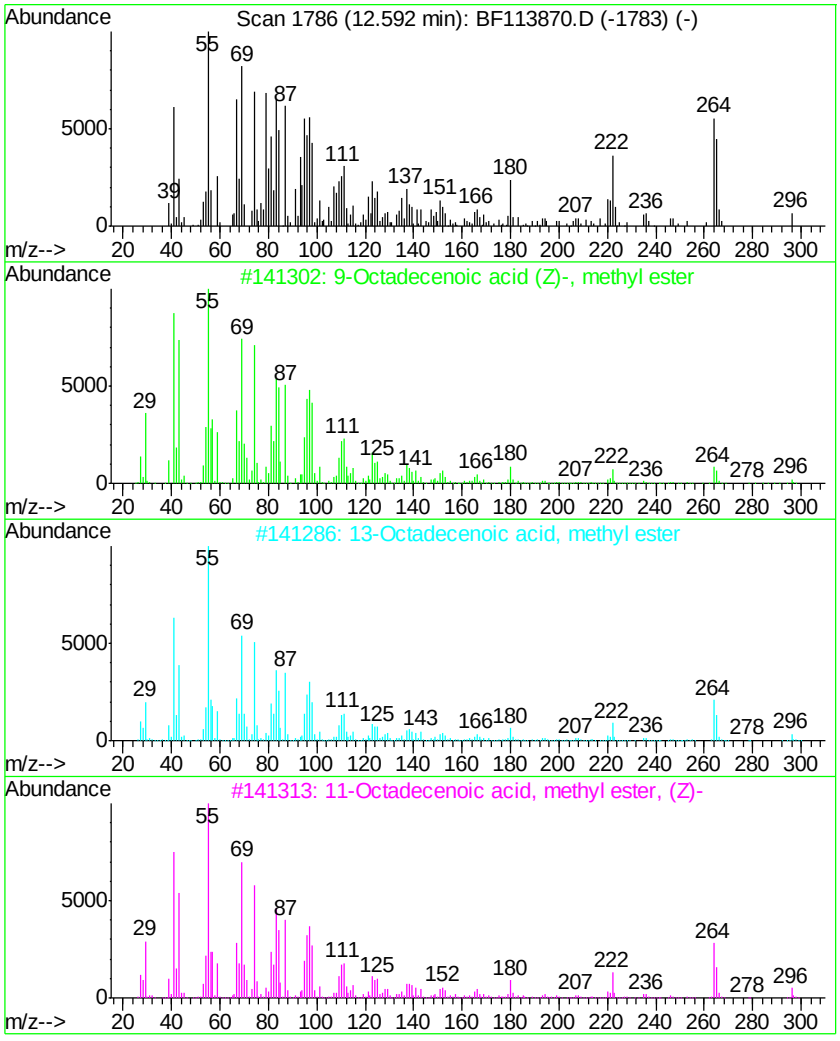
TIC Integration Parameters: LSCINT.P

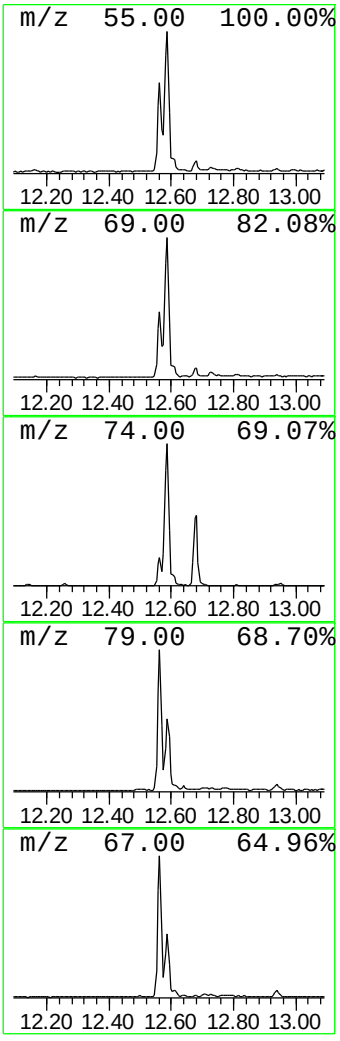
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	21.49 ng	1350260	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.67	6.67	13.5	ng	644846	1	6.90	952776	20.0
Hexadecanoic acid...	11.83	7.2	ng	452046	4	11.43	1256470	20.0
9,12-Octadecadien...	12.56	23.0	ng	1447190	4	11.43	1256470	20.0
9-Octadecenoic ac...	12.59	21.5	ng	1350260	4	11.43	1256470	20.0