LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
Data File : BF116257.D
Acq On : 14 Aug 2019 3:31
Operator : HP/JU
Sample : K4089-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-081219

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-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	3.887	302	306	318	rBV	14322	32016	2.42%	0.257%
2	5.469	572	575	605	rBV	169925	457788	34.63%	3.676%
3	6.486	745	748	766	rBV	179896	481214	36.40%	3.864%
4	6.610	766	769	788	rVB	426719	598597	45.28%	4.807%
5	6.833	803	807	823	rVB	850671	850407	64.33%	6.829%
6	6.992	830	834	847	rBV	413584	474398	35.89%	3.809%
7	7.404	901	904	925	rBV	152709	322409	24.39%	2.589%
8	8.116	1021	1025	1051	rBV	885865	1155101	87.38%	9.276%
9	9.186	1204	1207	1219	rBV	588203	709620	53.68%	5.698%
10	9.592	1271	1276	1284	rBV	31486	52821	4.00%	0.424%
11	9.869	1319	1323	1345	rBV	1351316	1321958	100.00%	10.616%
12	10.516	1427	1433	1439	rBV2	10400	14885	1.13%	0.120%
13	10.669	1455	1459	1473	rBV	224480	342593	25.92%	2.751%
14	10.769	1473	1476	1481	rVB	27278	37417	2.83%	0.300%
15	11.216	1549	1552	1554	rBV	31361	27812	2.10%	0.223%
16	11.245	1554	1557	1563	rVB3	19218	22493	1.70%	0.181%
17	11.357	1572	1576	1589	rBV	1145758	1311789	99.23%	10.534%
18	11.445	1589	1591	1596	rVB	11752	15913	1.20%	0.128%
19	11.639	1621	1624	1630	rVB	40316	33991	2.57%	0.273%
20	11.739	1638	1641	1647	rVB	64259	53638	4.06%	0.431%
21	11.868	1661	1663	1666	rBV	13482	16822	1.27%	0.135%
22	11.898	1666	1668	1673	rVB2	16367	20906	1.58%	0.168%
23	11.980	1679	1682	1684	rBV2	18913	19810	1.50%	0.159%
24	12.045	1690	1693	1696	rBV	35686	27433	2.08%	0.220%
25	12.421	1753	1757	1759	rBV2	338524	313341	23.70%	2.516%
26	12.445	1759	1761	1768	rVV	302156	276461	20.91%	2.220%
27	12.527	1772	1775	1780	rVB2	41270	39514	2.99%	0.317%
28	12.574	1780	1783	1789	rBV	146488	163084	12.34%	1.310%
29	12.804	1817	1822	1829	rBV	161111	187034	14.15%	1.502%
30	12.933	1840	1844	1853	rBV	672356	635669	48.09%	5.105%
31	13.033	1855	1861	1866	rBV3	11158	18714	1.42%	0.150%
32	13.251	1894	1898	1900	rBV3	15142	18535	1.40%	0.149%
33	13.333	1910	1912	1915	rBV2	13082	13409	1.01%	0.108%
34	13.368	1915	1918	1921	rVV2	11500	14901	1.13%	0.120%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.498	1938	1940	1944	rVB2	16994	14093	1.07%	0.113%
36	13.662	1966	1968	1973	rVB5	10991	15122	1.14%	0.121%
37	13.704	1973	1975	1979	rVB3	12524	13675	1.03%	0.110%
38	13.768	1983	1986	1990	rVB4	10717	17717	1.34%	0.142%
39	13.827	1991	1996	1998	rBV3	24432	35630	2.70%	0.286%
40	13.998	2021	2025	2038	rBV	802791	1074481	81.28%	8.628%
41	14.139	2047	2049	2052	rBV3	17251	16970	1.28%	0.136%
42	14.745	2150	2152	2156	rVB2	30393	28404	2.15%	0.228%
43	15.051	2201	2204	2206	rBV	43993	55629	4.21%	0.447%
44	15.080	2206	2209	2216	rVB2	58360	81163	6.14%	0.652%
45	15.351	2253	2255	2259	rVV	25912	25222	1.91%	0.203%
46	15.415	2263	2266	2269	rVV	39837	50366	3.81%	0.404%
47	15.468	2270	2275	2291	rVB	583796	909814	68.82%	7.306%
48	15.880	2342	2345	2348	rVB2	28423	32303	2.44%	0.259%

Sum of corrected areas: 12453082

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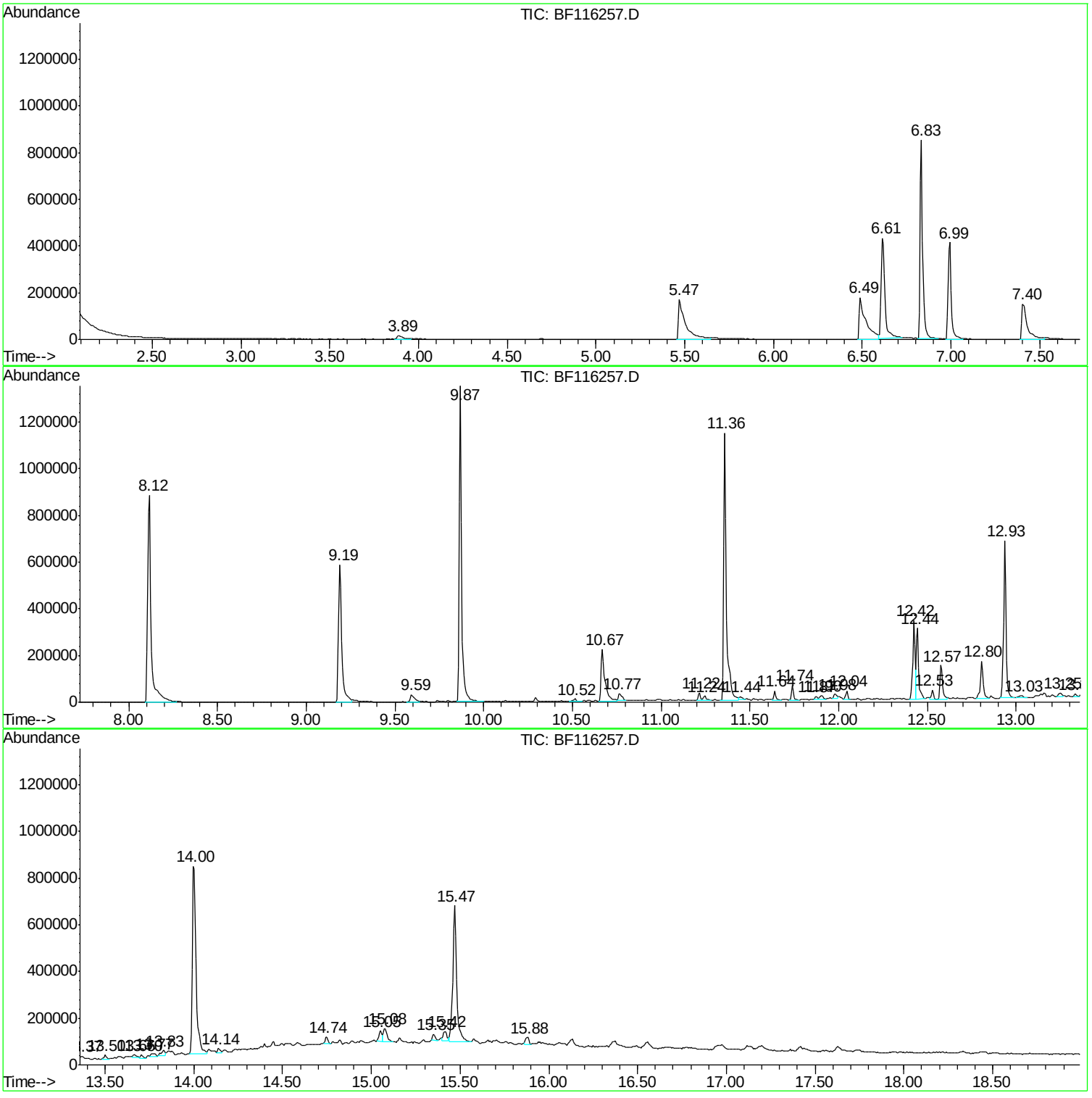
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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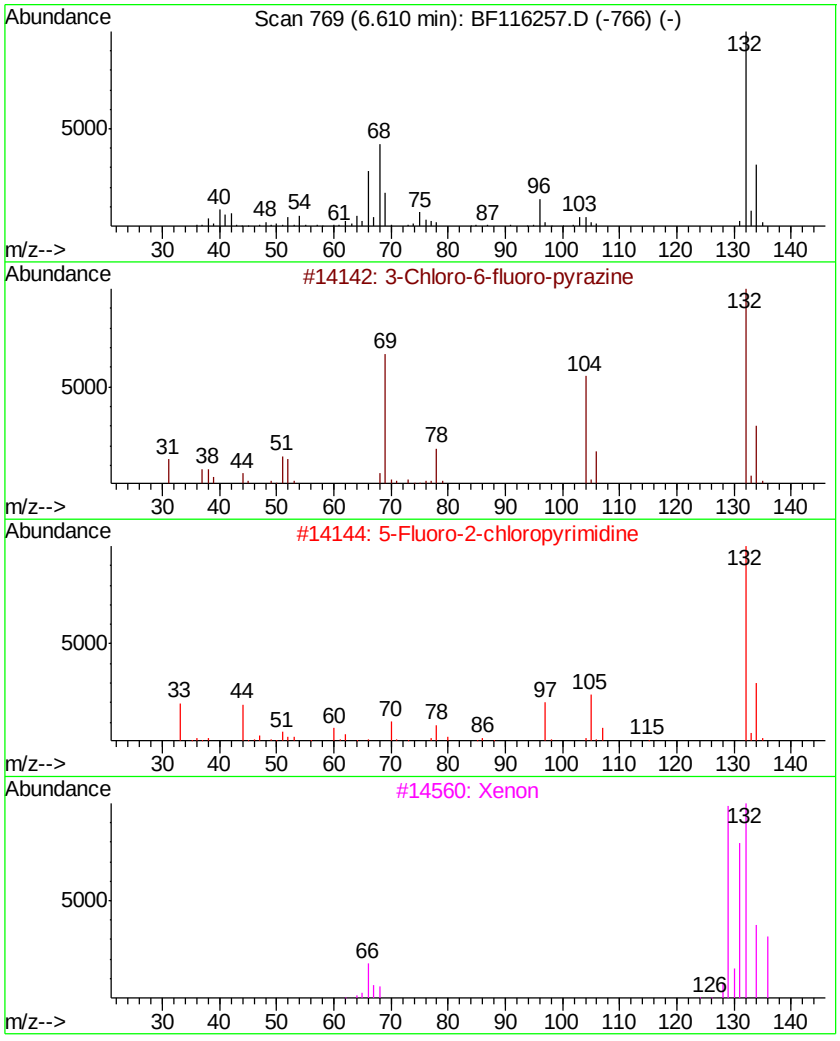
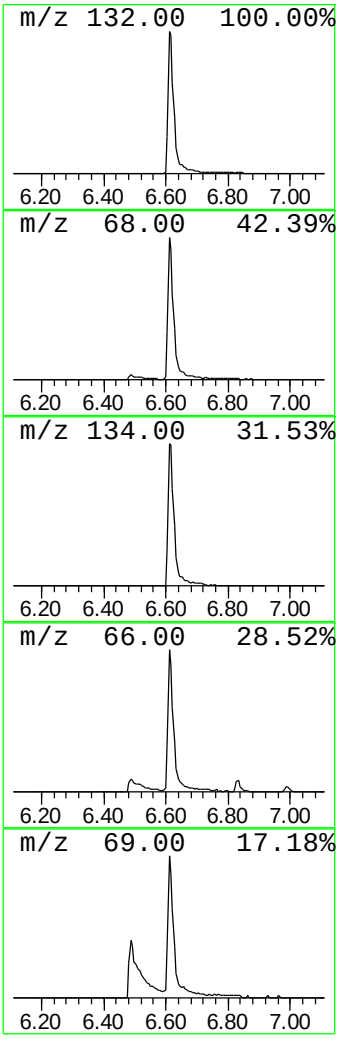
Peak Number 1 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	14.08 ng	598597	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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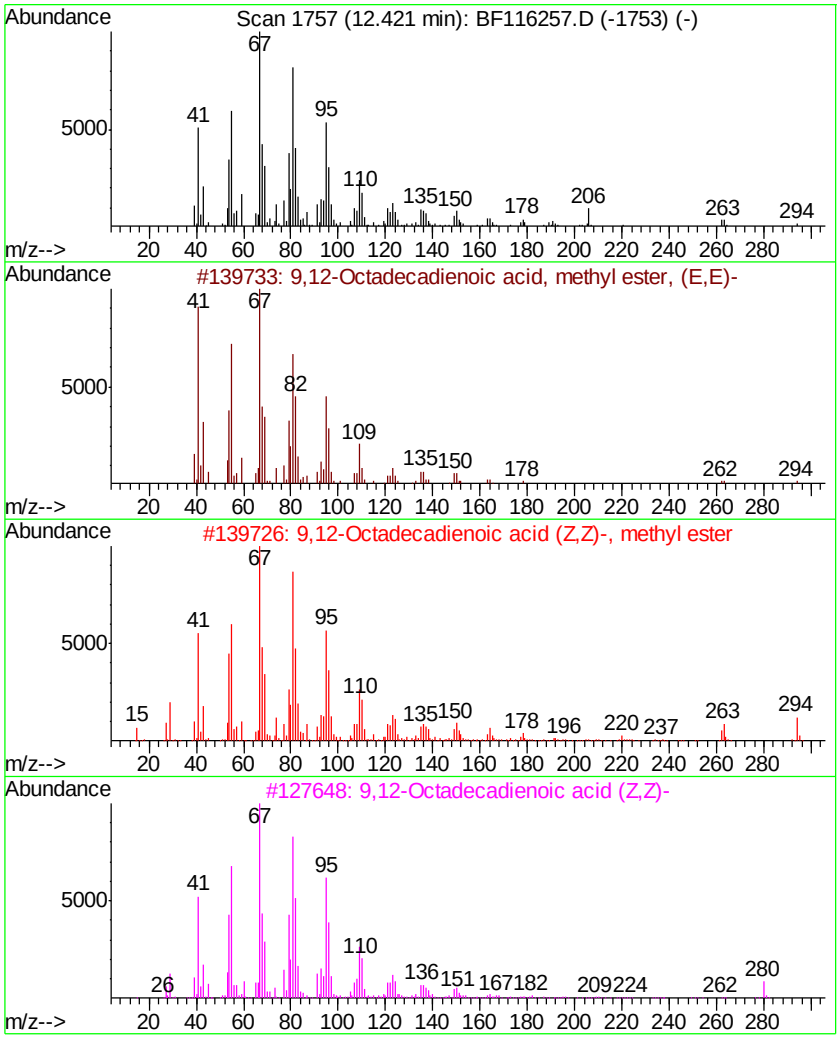
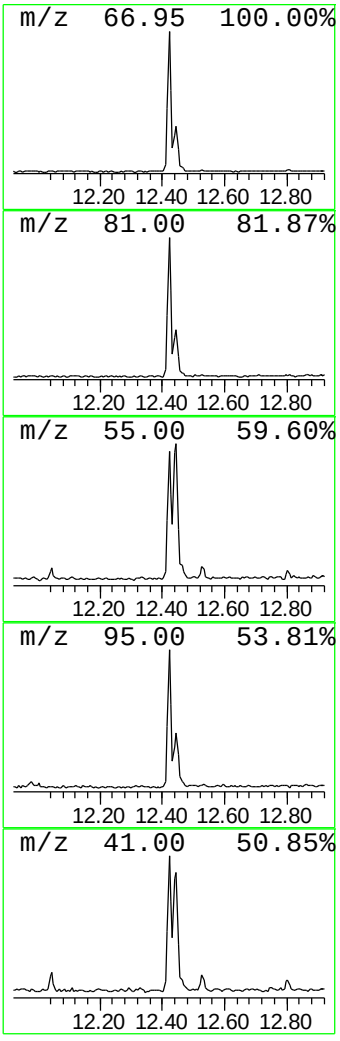
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.78 ng	313341	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	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94
5	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93





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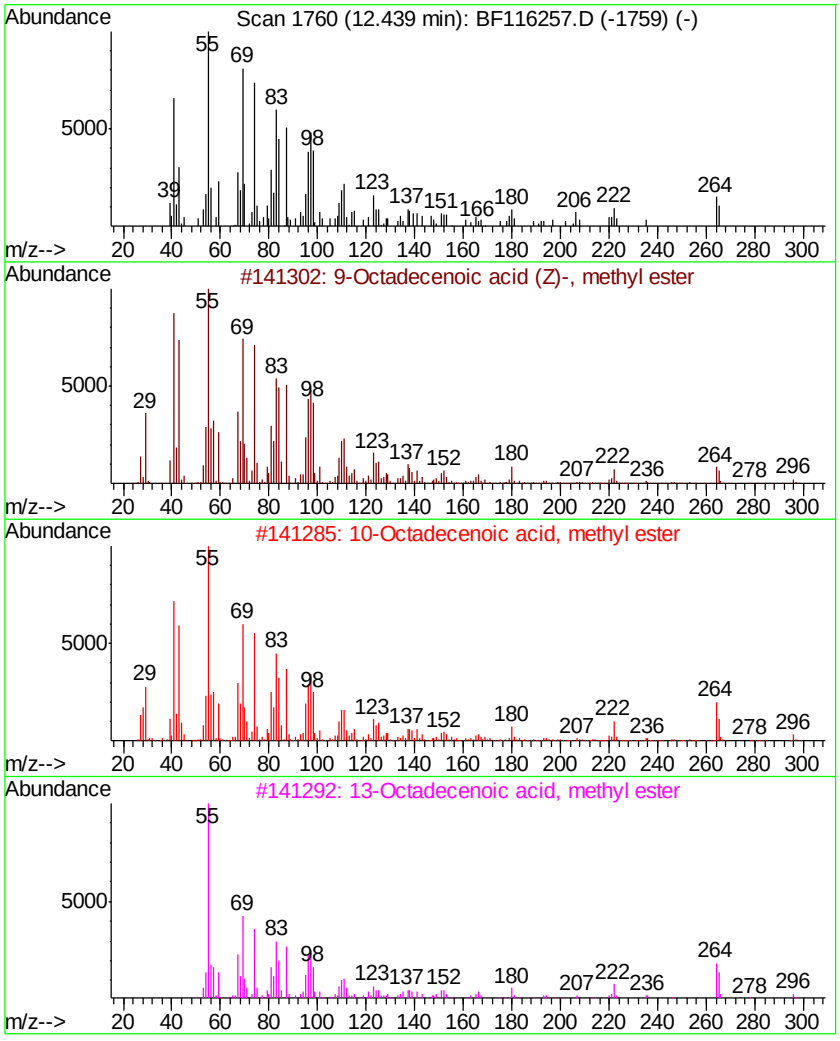
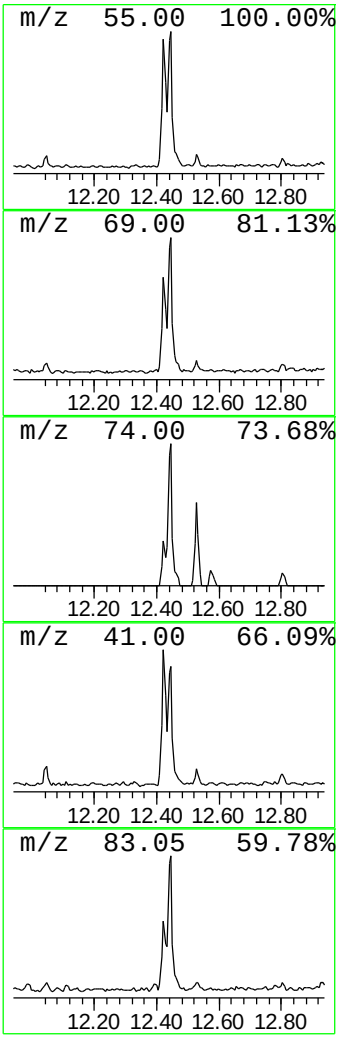
****

Peak Number 4 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	4.22 ng	276461	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	90
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	81
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	81
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	81





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.61	6.61	14.1	ng	598597	1	6.83	850407	20.0
9,12-Octadecadien...	12.42	4.8	ng	313341	4	11.36	1311790	20.0
9-Octadecenoic ac...	12.44	4.2	ng	276461	4	11.36	1311790	20.0