LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
Data File : BF132668.D
Acq On : 07 Mar 2023 01:29
Operator : CG\JU
Sample : 01815-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-03032023

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132668.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.122	257	261	268	rBV	19712	25569	1.79%	0.145%
2	5.216	443	447	456	rVB	654476	632109	44.24%	3.594%
3	5.616	512	515	528	rBV	1509293	1428757	100.00%	8.124%
4	6.616	682	685	697	rVB	1397298	1306711	91.46%	7.430%
5	6.998	746	750	754	rBV	1204548	974650	68.22%	5.542%
6	7.557	842	845	854	rVV	984144	803398	56.23%	4.568%
7	7.634	854	858	862	rVB5	17309	26883	1.88%	0.153%
8	7.804	882	887	893	rVB4	24869	31666	2.22%	0.180%
9	7.892	895	902	904	rBV6	12082	19767	1.38%	0.112%
10	8.251	960	963	965	rBV	31310	25406	1.78%	0.144%
11	8.287	965	969	972	rVV	1287745	1097507	76.82%	6.240%
12	8.328	974	976	980	rVB2	34862	33501	2.34%	0.190%
13	8.569	1013	1017	1021	rBV6	31426	34686	2.43%	0.197%
14	8.692	1035	1038	1040	rVB	25012	21532	1.51%	0.122%
15	8.786	1051	1054	1056	rBV3	24573	19736	1.38%	0.112%
16	8.863	1064	1067	1069	rBV	38254	29872	2.09%	0.170%
17	9.104	1105	1108	1110	rBV2	32936	27694	1.94%	0.157%
18	9.222	1125	1128	1133	rBV5	23846	33789	2.36%	0.192%
19	9.292	1137	1140	1142	rVV2	36952	26873	1.88%	0.153%
20	9.357	1147	1151	1154	rBV	1627878	1241971	86.93%	7.062%
21	9.428	1161	1163	1168	rBV	62632	52689	3.69%	0.300%
22	9.510	1174	1177	1179	rVB2	25828	24716	1.73%	0.141%
23	9.616	1192	1195	1197	rBV3	16885	19960	1.40%	0.113%
24	9.681	1202	1206	1208	rBV5	14069	22473	1.57%	0.128%
25	9.751	1215	1218	1222	rBV3	39288	44635	3.12%	0.254%
26	9.810	1226	1228	1232	rBV3	17900	23885	1.67%	0.136%
27	9.904	1241	1244	1248	rBV2	30164	34091	2.39%	0.194%
28	9.957	1250	1253	1257	rVB	62284	55296	3.87%	0.314%
29	10.045	1265	1268	1272	rVV	1300421	1028729	72.00%	5.849%
30	10.081	1272	1274	1277	rVB	23095	19568	1.37%	0.111%
31	10.145	1282	1285	1289	rBV6	14296	19147	1.34%	0.109%
32	10.251	1300	1303	1306	rVB2	23258	25029	1.75%	0.142%
33	10.280	1306	1308	1313	rBV4	21287	27253	1.91%	0.155%
34	10.363	1318	1322	1325	rBV5	26369	41070	2.87%	0.234%
35	10.463	1335	1339	1341	rBV	63453	58825	4.12%	0.334%
36	10.598	1359	1362	1364	rBV2	26849	25462	1.78%	0.145%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.680	1371	1376	1379	rBV2	48399	59097	4.14%	0.336%
38	10.757	1387	1389	1394	rVB3	51617	46996	3.29%	0.267%
39	10.839	1399	1403	1407	rBV	913284	784385	54.90%	4.460%
40	10.939	1417	1420	1421	rBV2	62454	65281	4.57%	0.371%
41	11.345	1486	1489	1492	rBV4	18485	22278	1.56%	0.127%
42	11.386	1493	1496	1499	rVV	75820	66985	4.69%	0.381%
43	11.416	1499	1501	1504	rVV2	58353	67481	4.72%	0.384%
44	11.439	1504	1505	1509	rVB	33507	21206	1.48%	0.121%
45	11.545	1519	1523	1525	rBV	1288668	1170922	81.95%	6.658%
46	11.569	1525	1527	1531	rVB	256773	210530	14.74%	1.197%
47	11.622	1533	1536	1540	rBV	45775	53365	3.74%	0.303%
48	11.775	1559	1562	1564	rBV2	35485	32518	2.28%	0.185%
49	11.816	1567	1569	1571	rVV	65104	44674	3.13%	0.254%
50	11.875	1577	1579	1583	rVV2	26974	29163	2.04%	0.166%
51	11.916	1584	1586	1589	rVB2	29881	25476	1.78%	0.145%
52	12.051	1606	1609	1612	rBV2	226937	264816	18.53%	1.506%
53	12.157	1624	1627	1630	rBV2	69245	78375	5.49%	0.446%
54	12.227	1636	1639	1642	rBV	76362	70900	4.96%	0.403%
55	12.304	1650	1652	1656	rBV5	27956	29317	2.05%	0.167%
56	12.339	1656	1658	1661	rBV	37808	38990	2.73%	0.222%
57	12.474	1679	1681	1686	rBV2	43584	46043	3.22%	0.262%
58	12.627	1699	1707	1710	rBV5	189535	373674	26.15%	2.125%
59	12.686	1715	1717	1720	rBV4	40678	47954	3.36%	0.273%
60	12.722	1720	1723	1727	rVB2	59640	65064	4.55%	0.370%
61	12.763	1727	1730	1735	rBV	521681	519260	36.34%	2.952%
62	12.845	1742	1744	1746	rBV2	41956	46595	3.26%	0.265%
63	12.998	1764	1770	1775	rBV	521837	595523	41.68%	3.386%
64	13.104	1786	1788	1789	rBV	51172	38988	2.73%	0.222%
65	13.133	1789	1793	1796	rVV	1574551	1305816	91.40%	7.425%
66	13.321	1823	1825	1828	rVB2	80383	64965	4.55%	0.369%
67	13.351	1828	1830	1832	rVB	73199	58930	4.12%	0.335%
68	14.204	1971	1975	1978	rBV	1130010	1159024	81.12%	6.590%
69	15.762	2236	2240	2244	rVB	571381	717694	50.23%	4.081%

Sum of corrected areas: 17587190

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ClientSampleId :
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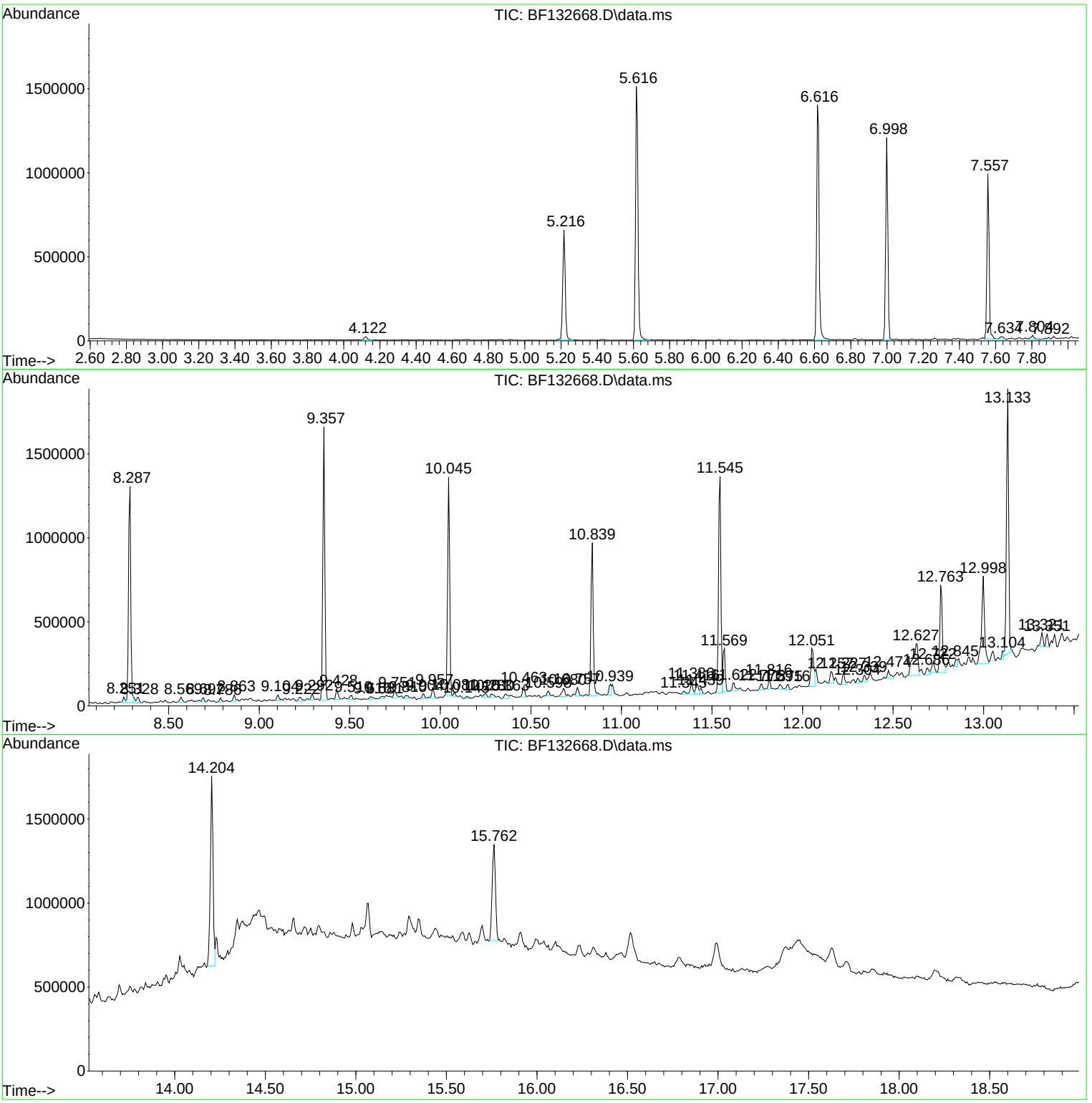
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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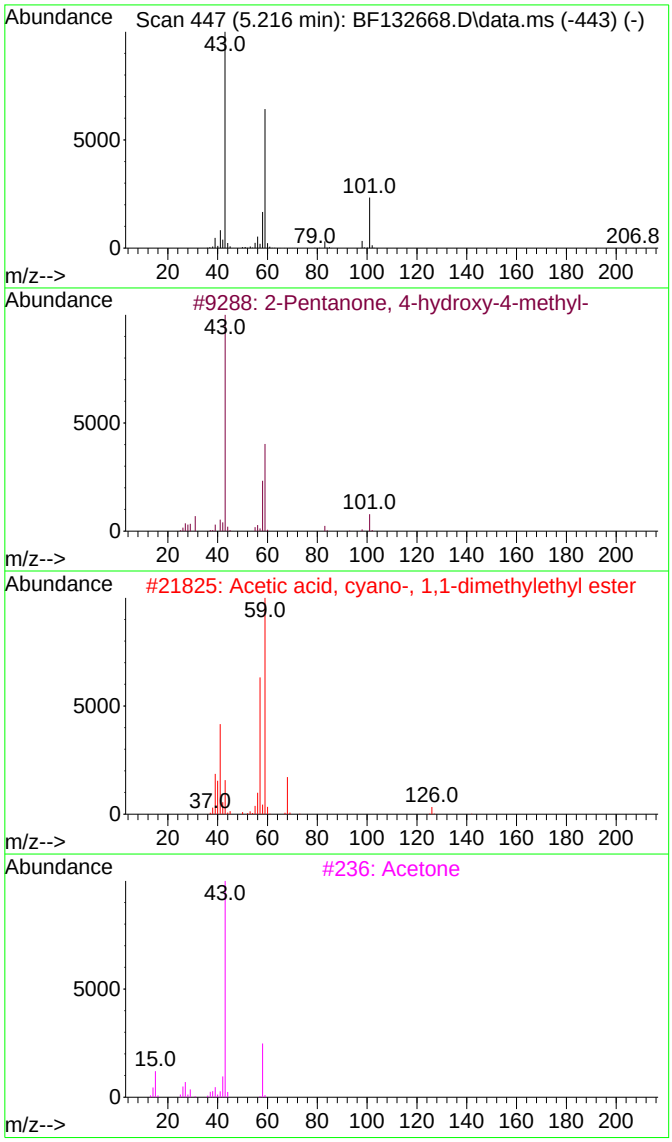
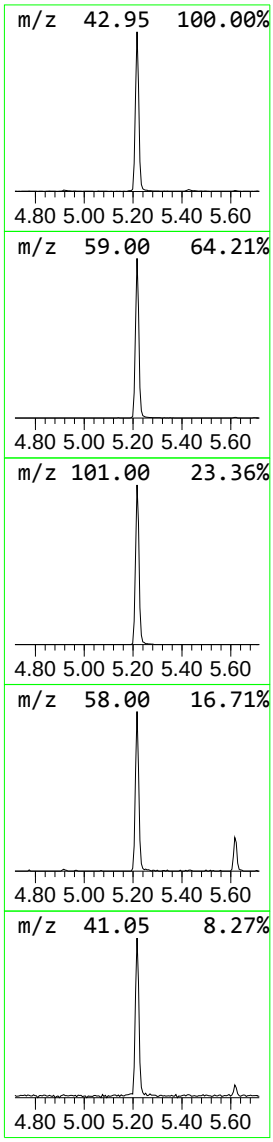
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.216	12.97 ng	632109	1,4-Dichlorobenzene-d4	6.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Acetone	58	C3H6O	000067-64-1	9
4	Guanidine	59	CH5N3	000113-00-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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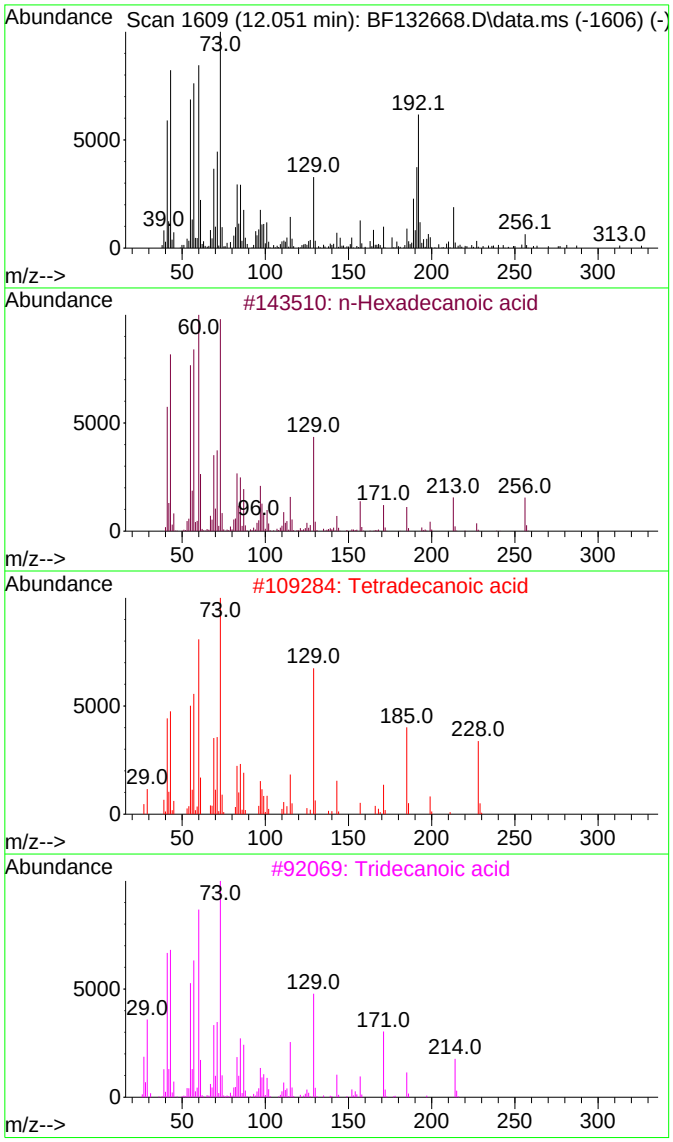
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

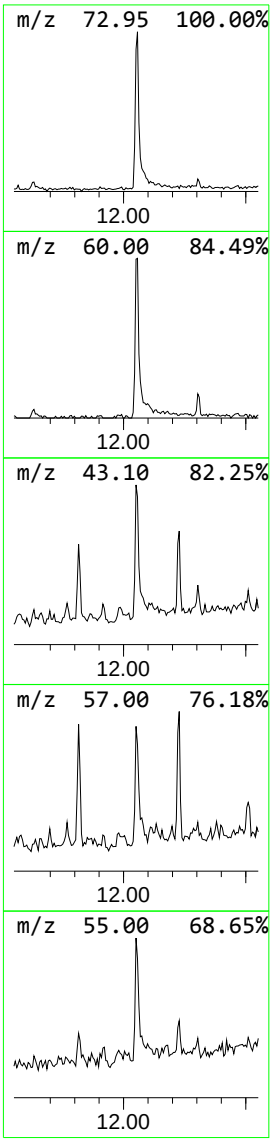
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	4.52 ng	264816	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	53





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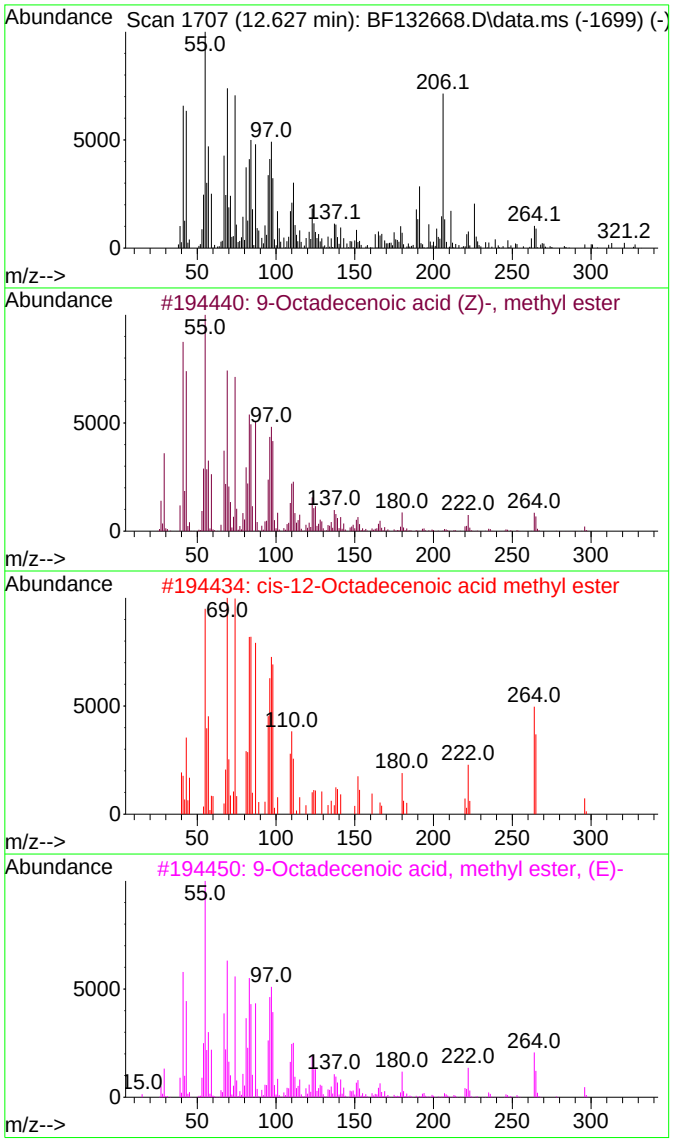
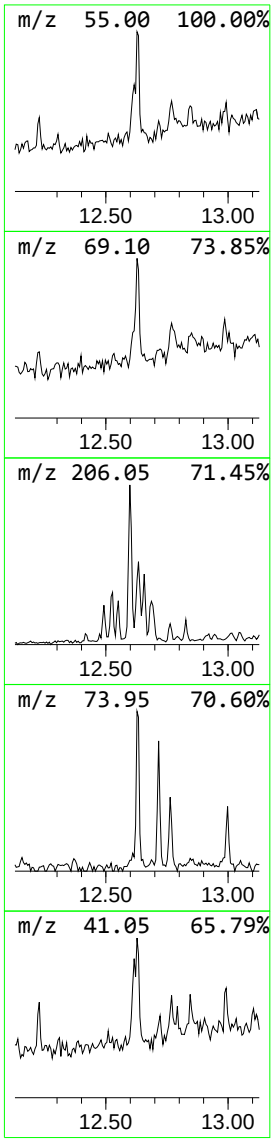
****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.627	6.38 ng	373674	Phenanthrene-d10	11.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	cis-12-Octadecenoic acid methyl ...	296	C19H36O2	1000427-68-4	91
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	87
4	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	83
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.216	13.0	ng	632109	1	6.998	974650	20.0
n-Hexadecanoic ...	12.051	4.5	ng	264816	4	11.545	1170920	20.0
9-Octadecenoic ...	12.627	6.4	ng	373674	4	11.545	1170920	20.0