LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134303.D
Acq On : 14 Jul 2023 22:30
Operator : CG\JU
Sample : 03592-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	505	509	518	rBV	79604	105665	5.34%	0.713%
2	5.475	572	576	587	rBV	1784022	1731637	87.45%	11.688%
3	6.481	743	747	750	rBV	1830833	1680402	84.86%	11.342%
4	6.840	805	808	818	rBV	532854	448932	22.67%	3.030%
5	7.404	900	904	907	rBV	1288499	1094832	55.29%	7.389%
6	8.122	1022	1026	1030	rBV	683570	551706	27.86%	3.724%
7	9.198	1205	1209	1212	rBV	2515724	1980090	100.00%	13.364%
8	9.310	1224	1228	1232	rBV	61320	53750	2.71%	0.363%
9	9.881	1321	1325	1328	rBV	737649	592507	29.92%	3.999%
10	10.598	1443	1447	1452	rVB	68642	58904	2.97%	0.398%
11	10.675	1456	1460	1469	rBV	1502124	1291453	65.22%	8.717%
12	11.375	1575	1579	1582	rBV	696781	596750	30.14%	4.028%
13	11.398	1582	1583	1588	rVV	87191	57970	2.93%	0.391%
14	11.439	1588	1590	1595	rVB2	25756	33993	1.72%	0.229%
15	11.904	1666	1669	1676	rBV2	236382	229974	11.61%	1.552%
16	11.992	1681	1684	1686	rBV2	44496	40709	2.06%	0.275%
17	12.475	1761	1766	1771	rVB7	19635	33693	1.70%	0.227%
18	12.598	1783	1787	1792	rBV	373011	349372	17.64%	2.358%
19	12.692	1801	1803	1809	rBV3	45294	61813	3.12%	0.417%
20	12.827	1819	1826	1831	rBV	325214	359479	18.15%	2.426%
21	12.874	1831	1834	1839	rVB2	21387	28811	1.46%	0.194%
22	12.969	1844	1850	1854	rBV	1728827	1703629	86.04%	11.499%
23	13.051	1858	1864	1868	rBV3	24421	40847	2.06%	0.276%
24	13.157	1880	1882	1886	rVB2	55759	50246	2.54%	0.339%
25	13.227	1891	1894	1897	rBV	39560	35965	1.82%	0.243%
26	13.263	1897	1900	1902	rBV2	33045	32607	1.65%	0.220%
27	13.386	1919	1921	1925	rBV2	20071	25825	1.30%	0.174%
28	13.674	1967	1970	1973	rVB	23023	24574	1.24%	0.166%
29	13.898	2002	2008	2020	rBV7	50433	178004	8.99%	1.201%
30	14.033	2026	2031	2034	rBV2	500974	598363	30.22%	4.039%
31	14.063	2034	2036	2044	rVB	119774	118274	5.97%	0.798%
32	14.427	2096	2098	2100	rVB	30505	23943	1.21%	0.162%
33	14.504	2108	2111	2113	rBV2	25371	26060	1.32%	0.176%
34	15.098	2208	2212	2215	rBV2	66181	99069	5.00%	0.669%
35	15.410	2263	2265	2270	rVB	28674	33662	1.70%	0.227%
36	15.474	2273	2276	2283	rVB	53120	78383	3.96%	0.529%

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37	15.539	2283	2287	2297	rBV	249195	364192	18.39%	2.458%

Sum of corrected areas: 14816085

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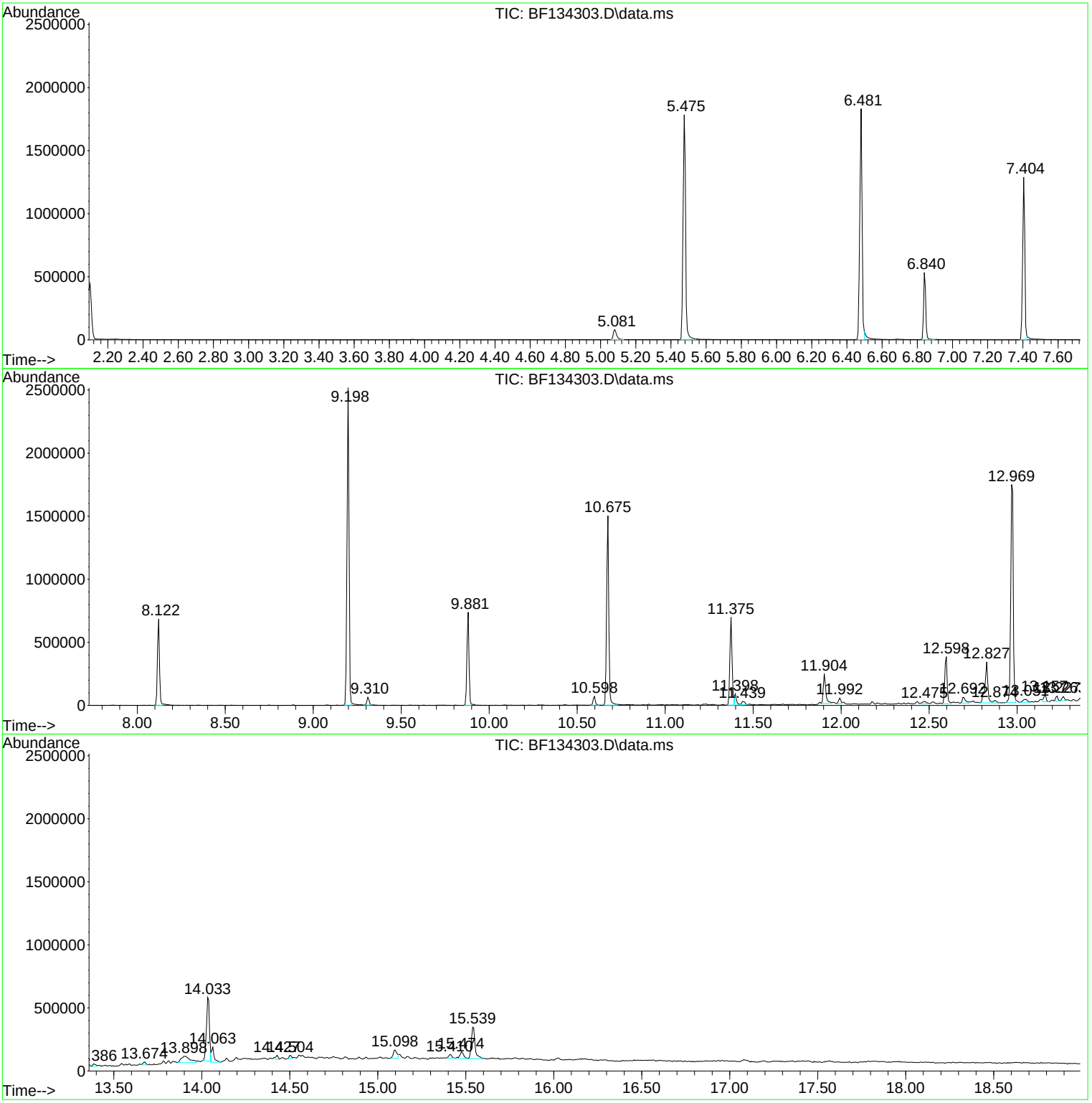
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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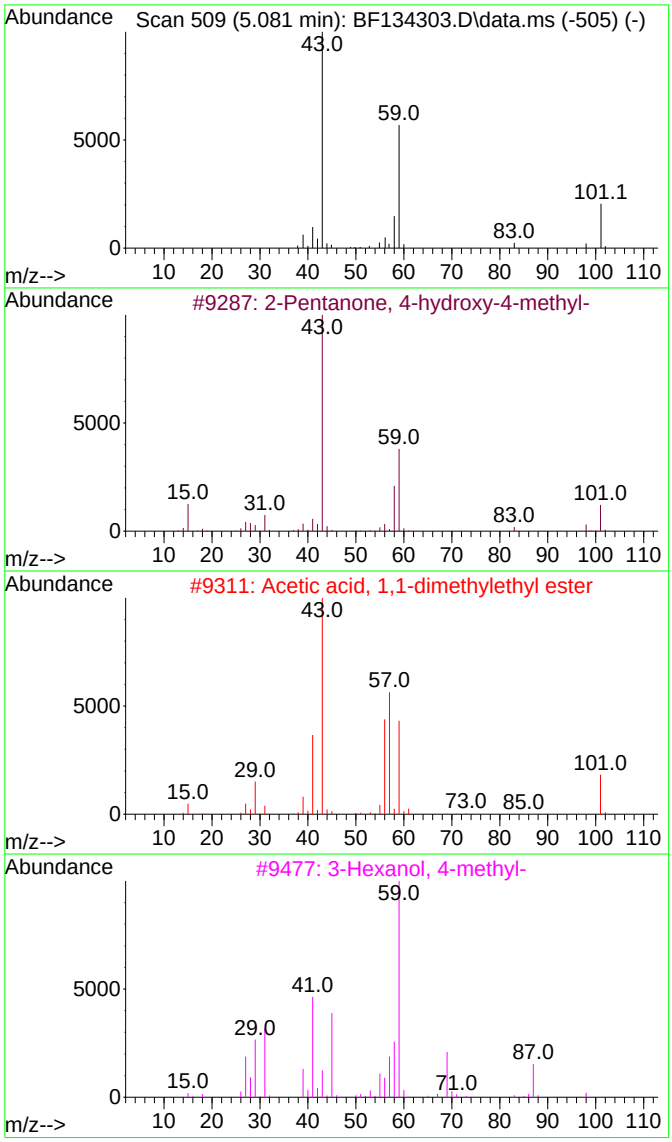
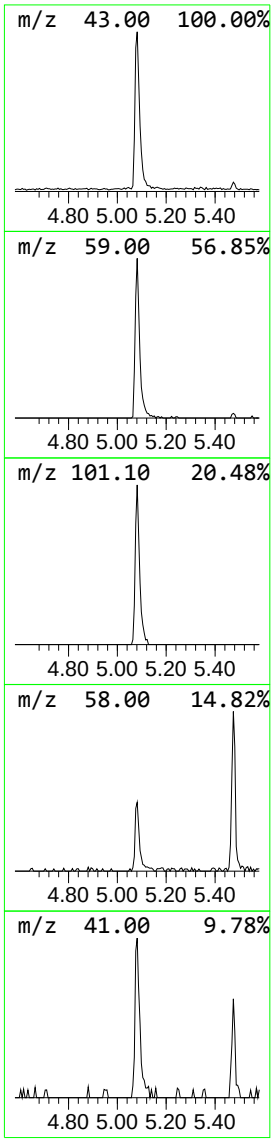
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.081	4.71 ng	105665	1,4-Dichlorobenzene-d4	6.840

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





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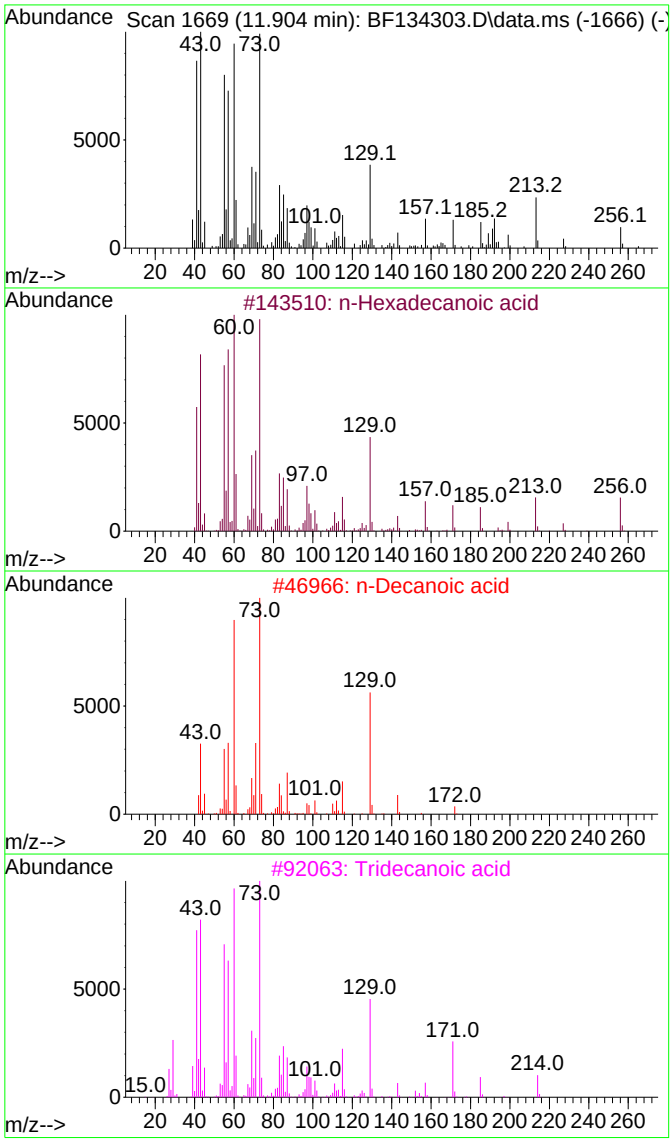
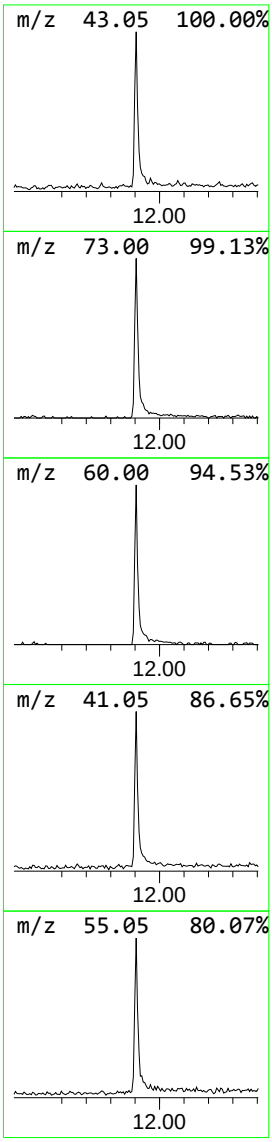
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	7.71 ng	229974	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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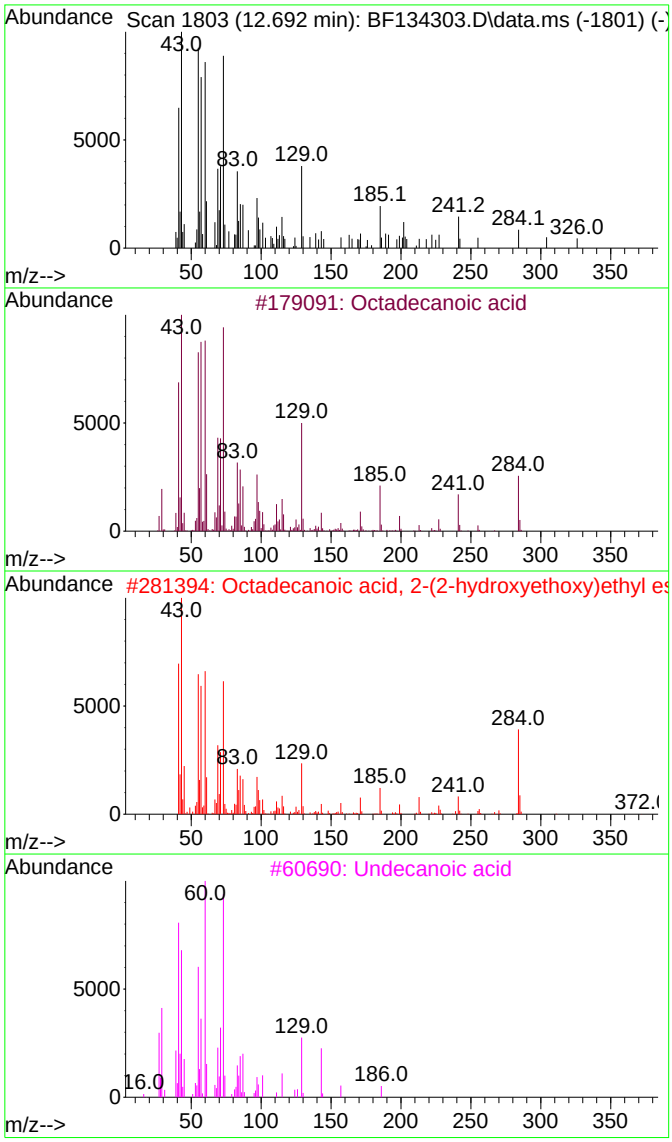
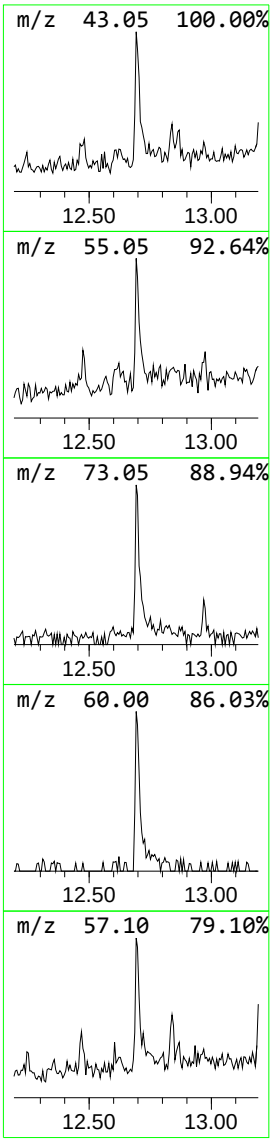
Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	2.07 ng	61813	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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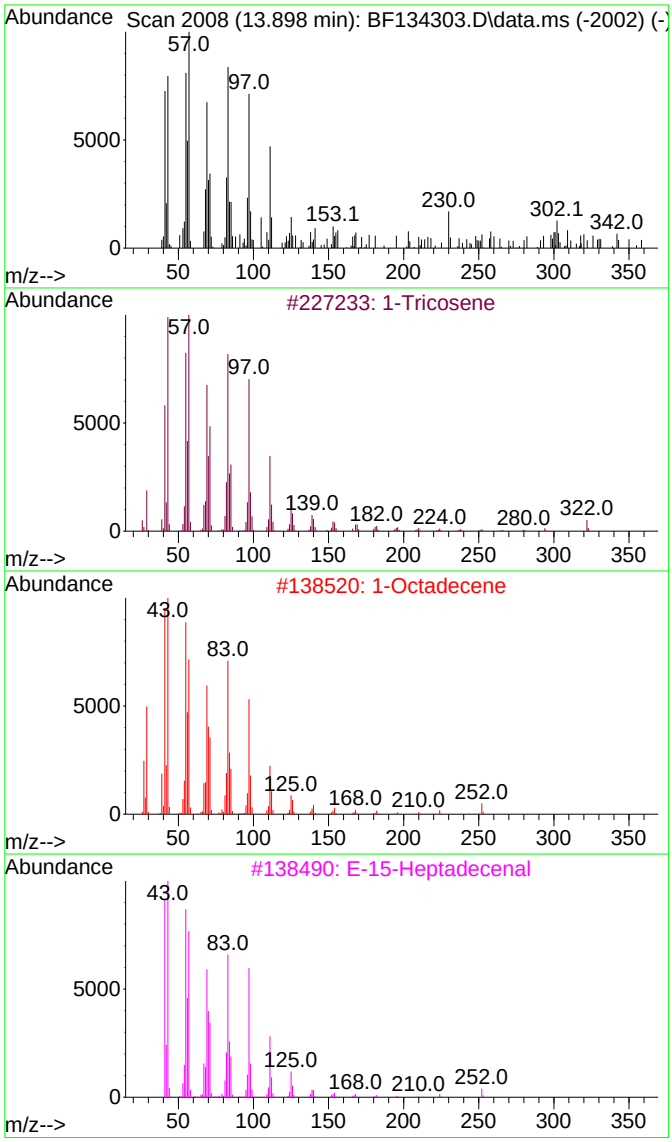
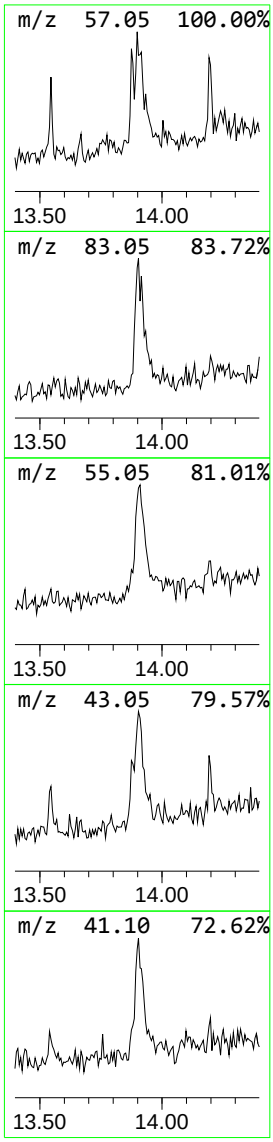
Peak Number 4 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	5.95 ng	178004	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	97
2	1-Octadecene	252	C18H36	000112-88-9	95
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
4	11-Tricosene	322	C23H46	052078-56-5	89
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	89





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.081	4.7	ng	105665	1	6.840	448932	20.0
n-Hexadecanoic ...	11.904	7.7	ng	229974	4	11.375	596750	20.0
Octadecanoic acid	12.692	2.1	ng	61813	4	11.375	596750	20.0
1-Tricosene	13.898	6.0	ng	178004	5	14.039	598363	20.0