LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023654.D
Acq On : 12 Aug 2016 13:41
Operator : UM/SJ
Sample : H4360-15 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS003-0612-01

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.169	53	56	61	rBV3	22011	36103	1.11%	0.151%
2	3.263	68	72	81	rVB4	28496	51597	1.59%	0.216%
3	3.492	109	111	113	rVB3	6941	5648	0.17%	0.024%
4	3.610	127	131	134	rBV5	7154	9965	0.31%	0.042%
5	4.021	197	201	207	rBV4	16180	22961	0.71%	0.096%
6	4.085	211	212	217	rBV5	5889	6523	0.20%	0.027%
7	4.156	221	224	227	rBV5	5552	6248	0.19%	0.026%
8	4.244	235	239	243	rVB7	5849	8443	0.26%	0.035%
9	4.473	273	278	282	rVB4	11620	20136	0.62%	0.084%
10	4.544	289	290	294	rVB2	4692	4733	0.15%	0.020%
11	4.620	299	303	305	rVB5	6561	8070	0.25%	0.034%
12	4.879	345	347	349	rBV3	4516	5670	0.17%	0.024%
13	5.178	394	398	402	rBV5	7382	11315	0.35%	0.047%
14	5.266	410	413	417	rVB4	8500	10884	0.33%	0.046%
15	5.442	440	443	447	rVB4	5951	10246	0.32%	0.043%
16	5.484	447	450	453	rBV4	4124	6901	0.21%	0.029%
17	6.012	539	540	546	rVB4	4952	5119	0.16%	0.021%
18	6.100	554	555	558	rBV2	6456	4885	0.15%	0.020%
19	6.165	564	566	569	rVB3	4299	4857	0.15%	0.020%
20	6.659	645	650	651	rVB3	4255	5607	0.17%	0.023%
21	6.952	697	700	704	rVB5	4948	5392	0.17%	0.023%
22	7.275	748	755	769	rVB	234870	464544	14.30%	1.942%
23	7.428	775	781	789	rVB	169855	288549	8.88%	1.206%
24	7.569	802	805	809	rBV5	2925	4998	0.15%	0.021%
25	7.645	811	818	826	rBV	260731	467061	14.38%	1.953%
26	8.115	888	898	907	rBV	770920	1371253	42.21%	5.733%
27	8.315	930	932	935	rBV3	5137	5855	0.18%	0.024%
28	8.832	1010	1020	1028	rBV2	279371	523961	16.13%	2.191%
29	9.296	1091	1099	1107	rBV	226346	406781	12.52%	1.701%
30	9.437	1116	1123	1125	rBV5	8097	12197	0.38%	0.051%
31	9.496	1129	1133	1134	rBV2	4922	7079	0.22%	0.030%
32	9.537	1139	1140	1145	rVB4	5688	5462	0.17%	0.023%
33	9.572	1145	1146	1149	rBV3	5699	5205	0.16%	0.022%
34	10.030	1217	1224	1234	rBV2	178952	386132	11.88%	1.614%

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Integrator: RTE
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Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Title : SVOA CALIBRATION

35	10.330	1270	1275	1276	rBV4	4117	4767	0.15%	0.020%
36	10.447	1292	1295	1297	rBV2	5787	4773	0.15%	0.020%
37	10.583	1310	1318	1326	rBV2	314963	650753	20.03%	2.721%
38	10.665	1330	1332	1336	rVB5	6924	8090	0.25%	0.034%
39	10.788	1347	1353	1356	rBV6	2509	4908	0.15%	0.021%
40	10.888	1365	1370	1372	rBV5	5452	8482	0.26%	0.035%
41	10.953	1372	1381	1391	rVV	1191764	2182778	67.18%	9.126%
42	11.094	1399	1405	1416	rVB2	39211	96281	2.96%	0.403%
43	11.429	1457	1462	1465	rBV6	5434	8707	0.27%	0.036%
44	11.534	1476	1480	1482	rBV3	5123	6235	0.19%	0.026%
45	11.611	1490	1493	1494	rBV	5984	5378	0.17%	0.022%
46	12.034	1562	1565	1568	rVB5	5827	7447	0.23%	0.031%
47	12.180	1588	1590	1592	rBV3	5908	6630	0.20%	0.028%
48	12.286	1607	1608	1611	rVB3	5249	4928	0.15%	0.021%
49	12.427	1628	1632	1633	rBV3	6478	5760	0.18%	0.024%
50	12.539	1646	1651	1654	rBV6	6342	10035	0.31%	0.042%
51	12.603	1659	1662	1665	rBV4	6442	6941	0.21%	0.029%
52	12.744	1682	1686	1687	rBV3	6185	6240	0.19%	0.026%
53	12.756	1687	1688	1691	rVB3	5727	5296	0.16%	0.022%
54	12.785	1691	1693	1696	rBV3	4830	5624	0.17%	0.024%
55	12.915	1711	1715	1717	rBV5	3409	4791	0.15%	0.020%
56	13.026	1729	1734	1735	rBV4	5252	5100	0.16%	0.021%
57	13.373	1791	1793	1796	rVB3	6300	6471	0.20%	0.027%
58	13.573	1826	1827	1829	rBV2	5013	4738	0.15%	0.020%
59	13.655	1838	1841	1846	rVB5	17538	27916	0.86%	0.117%
60	13.972	1893	1895	1897	rBV3	4709	5097	0.16%	0.021%
61	14.184	1924	1931	1935	rBV	561508	846875	26.07%	3.541%
62	14.231	1935	1939	1944	rVB	234495	365600	11.25%	1.529%
63	14.330	1954	1956	1958	rVB3	6800	5274	0.16%	0.022%
64	14.354	1958	1960	1961	rBV2	6407	5316	0.16%	0.022%
65	14.483	1976	1982	1989	rBV	638849	1015062	31.24%	4.244%
66	14.659	2008	2012	2014	rBV4	14632	17099	0.53%	0.071%
67	14.695	2016	2018	2020	rVB3	8081	5896	0.18%	0.025%
68	14.789	2028	2034	2042	rVB2	1965147	3194557	98.32%	13.356%
69	15.024	2069	2074	2086	rBV3	95575	242482	7.46%	1.014%
70	15.605	2171	2173	2180	rVB2	41362	57034	1.76%	0.238%
71	15.787	2198	2204	2212	rBV	847292	1292095	39.77%	5.402%

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Title : SVOA CALIBRATION

72	15.922	2225	2227	2228	rBV2	15845	11917	0.37%	0.050%
73	16.475	2318	2321	2327	rBV2	48173	76561	2.36%	0.320%
74	17.555	2499	2505	2511	rBV2	2015563	3248981	100.00%	13.584%
75	17.655	2517	2522	2531	rVB	785185	1151738	35.45%	4.815%
76	18.425	2650	2653	2662	rBV4	221360	506593	15.59%	2.118%
77	19.700	2866	2870	2876	rBV	396024	741632	22.83%	3.101%
78	19.946	2908	2912	2924	rVB3	728775	1192618	36.71%	4.986%
79	21.879	3237	3241	3248	rVB2	1598925	2646379	81.45%	11.064%

Sum of corrected areas: 23918255

LSC Report - Integrated Chromatogram

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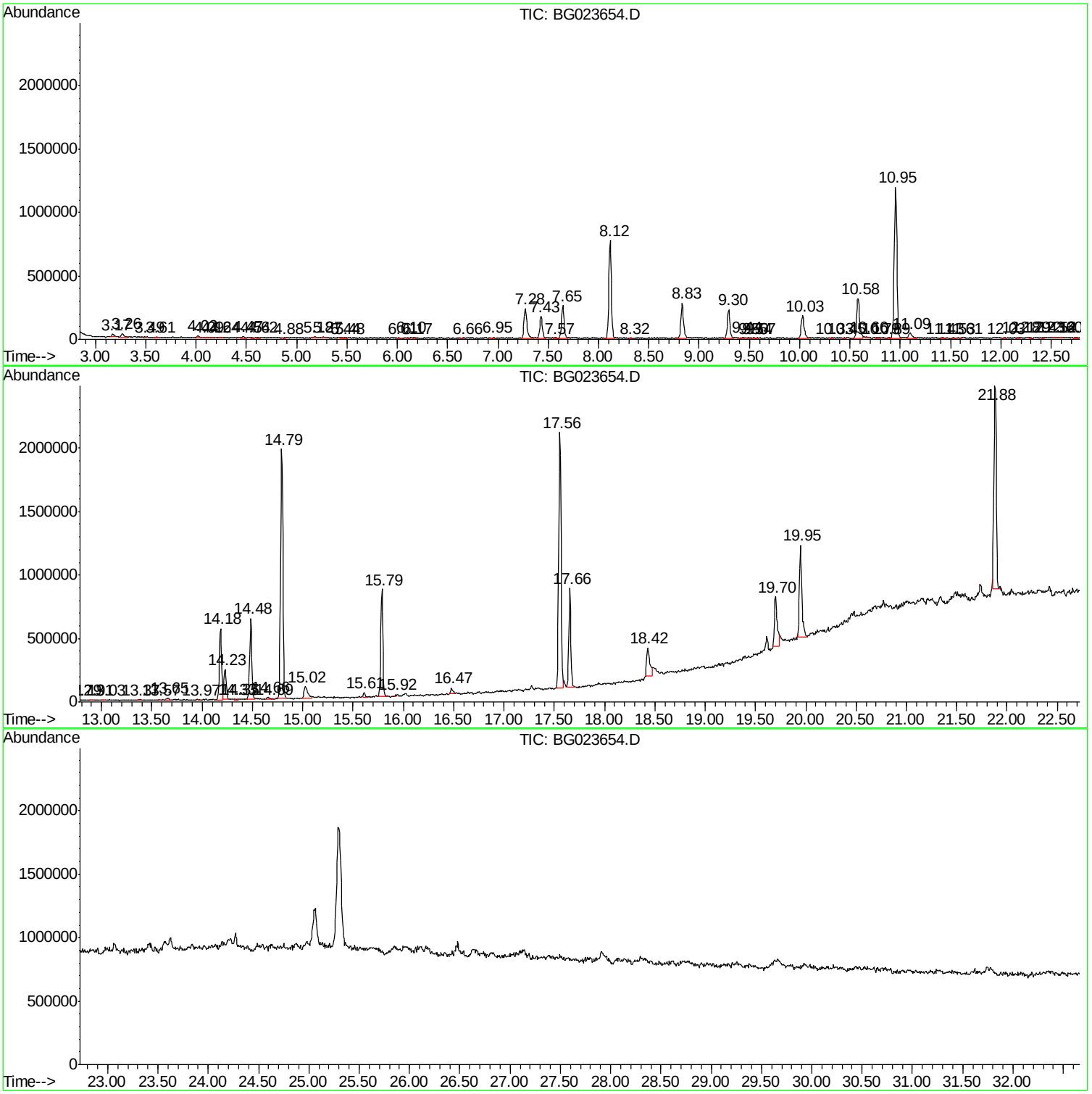
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PR001-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_G
ClientSampleId : PR001-SS003-0612-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

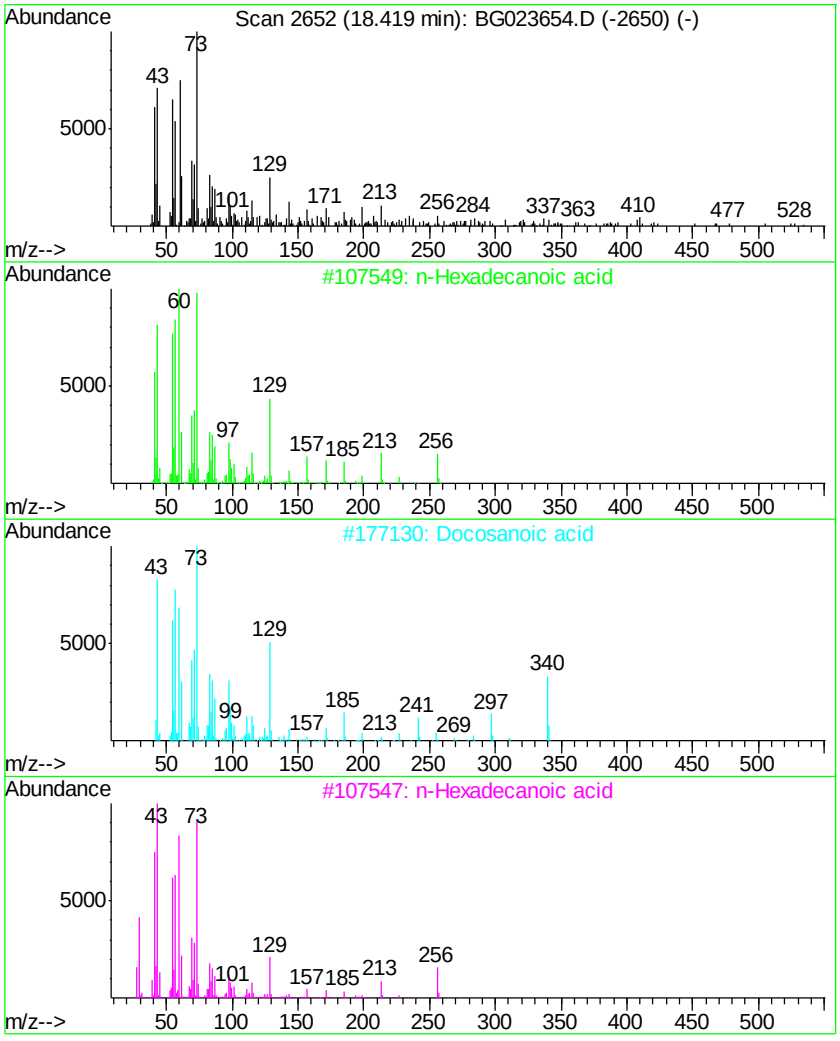
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

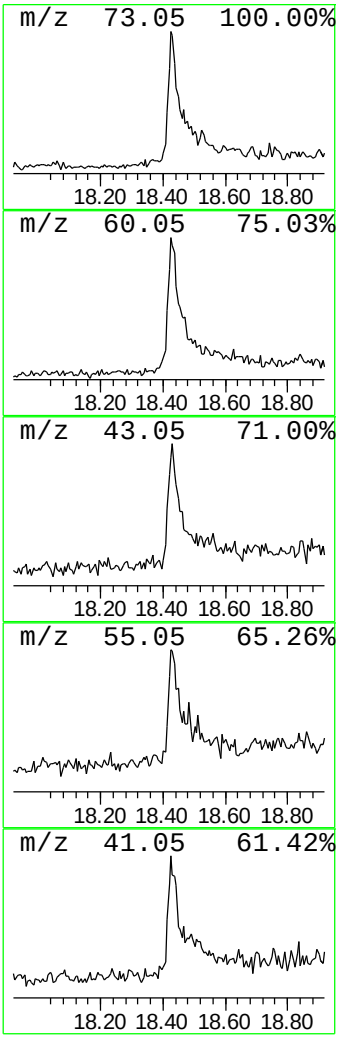
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.12 ng/ul	506593	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Docosanoic acid	340	C22H44O2	000112-85-6	70
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





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Quant Title : SVOA CALIBRATION

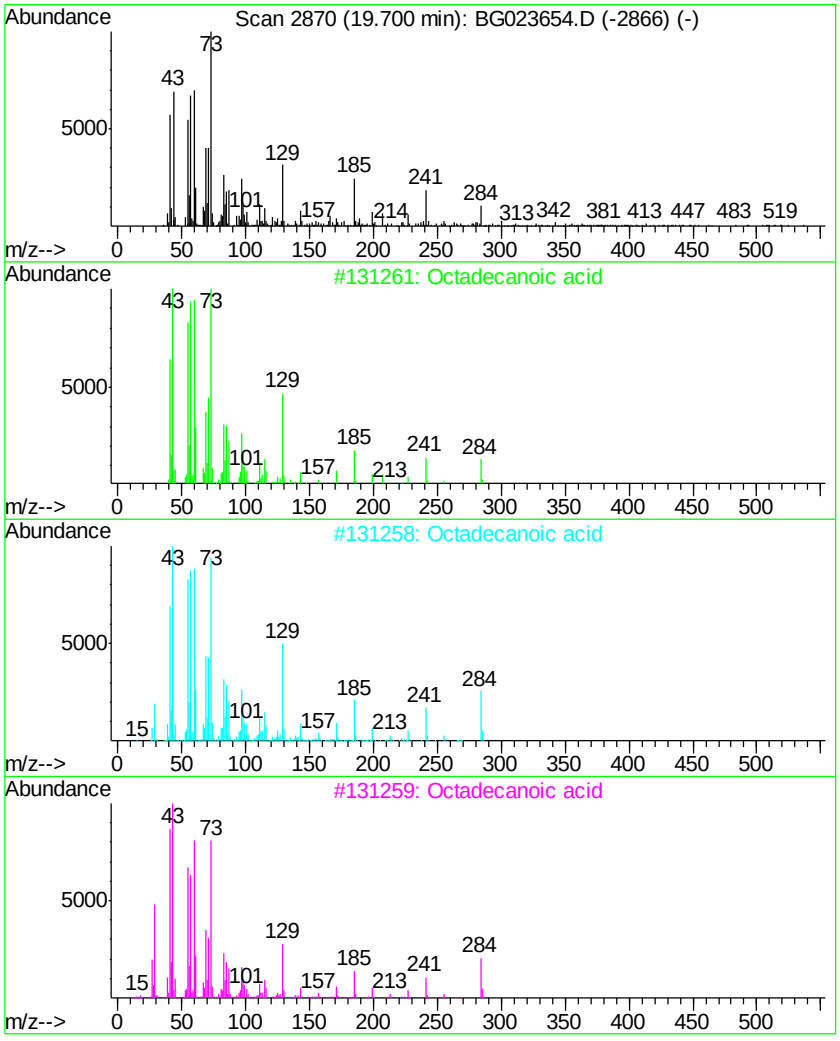
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

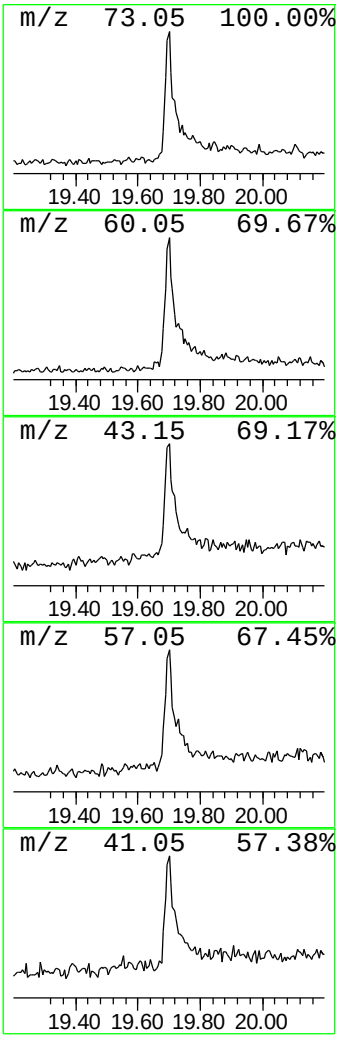
****

Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	4.57 ng/ul	741632	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Docosanoic acid	340	C22H44O2	000112-85-6	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.42	3.1	ng/ul	506593	4	17.56	3248980	20.0
Octadecanoic acid	19.70	4.6	ng/ul	741632	4	17.56	3248980	20.0