LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031962.D
Acq On : 30 Aug 2021 22:50
Operator : CG/JU
Sample : M3422-21
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKE0

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM031962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	5	7	16	rVB2	13907	23414	0.59%	0.071%
2	3.534	73	76	94	rBV	58052	130637	3.29%	0.394%
3	3.728	106	109	115	rVB3	6822	8409	0.21%	0.025%
4	3.816	120	124	130	rVB7	4594	8113	0.20%	0.024%
5	6.704	609	615	624	rBV	91757	151783	3.82%	0.458%
6	6.869	635	643	656	rBV	276255	463641	11.68%	1.399%
7	7.045	666	673	683	rBV	328989	530174	13.36%	1.600%
8	7.510	745	752	760	rBV	302742	480723	12.11%	1.450%
9	8.034	835	841	846	rBV	21268	31483	0.79%	0.095%
10	8.222	867	873	889	rBV	295994	496888	12.52%	1.499%
11	8.657	939	947	963	rBV	426338	692782	17.45%	2.090%
12	9.369	1060	1068	1078	rBV	373788	607577	15.31%	1.833%
13	9.569	1095	1102	1103	rBV3	5223	6811	0.17%	0.021%
14	9.698	1120	1124	1126	rBV4	3369	4109	0.10%	0.012%
15	9.898	1151	1158	1175	rBV	576965	1002818	25.27%	3.026%
16	10.092	1185	1191	1199	rBV2	14440	34597	0.87%	0.104%
17	10.263	1213	1220	1228	rBV	442445	740668	18.66%	2.235%
18	10.422	1240	1247	1263	rBV	324248	616352	15.53%	1.860%
19	11.098	1356	1362	1365	rBV5	3460	7510	0.19%	0.023%
20	11.804	1475	1482	1487	rBV4	4412	8931	0.23%	0.027%
21	11.863	1487	1492	1499	rVV2	9447	15823	0.40%	0.048%
22	11.933	1499	1504	1510	rVV6	2341	4783	0.12%	0.014%
23	12.486	1593	1598	1602	rBV6	2553	4636	0.12%	0.014%
24	12.992	1676	1684	1693	rBV	104880	163873	4.13%	0.494%
25	13.151	1708	1711	1717	rBV4	12037	19888	0.50%	0.060%
26	13.574	1777	1783	1793	rVV	1296682	1769013	44.57%	5.338%
27	13.710	1802	1806	1810	rBV6	3129	4369	0.11%	0.013%
28	13.757	1810	1814	1818	rVB6	3348	4655	0.12%	0.014%
29	13.839	1820	1828	1841	rBV	1409128	2106973	53.08%	6.357%
30	13.992	1850	1854	1859	rVB7	6535	9357	0.24%	0.028%
31	14.145	1873	1880	1887	rBV	742165	1115866	28.11%	3.367%
32	14.216	1887	1892	1898	rVB3	11807	20213	0.51%	0.061%
33	14.404	1918	1924	1936	rVV2	73073	154968	3.90%	0.468%
34	14.551	1945	1949	1954	rBV4	12348	21507	0.54%	0.065%
35	14.598	1954	1957	1962	rBV6	9196	11461	0.29%	0.035%
36	14.786	1985	1989	1995	rVB7	9706	13219	0.33%	0.040%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

37	14.915	2007	2011	2014	rBV6	4144	5952	0.15%	0.018%
38	14.957	2016	2018	2022	rVB5	6117	5617	0.14%	0.017%
39	15.004	2022	2026	2028	rBV5	2938	4943	0.12%	0.015%
40	15.151	2044	2051	2057	rBV	1900952	2693233	67.85%	8.126%
41	15.198	2057	2059	2068	rVB2	18904	31661	0.80%	0.096%
42	15.292	2069	2075	2082	rBV	635560	906084	22.83%	2.734%
43	15.392	2088	2092	2099	rVB3	23212	36110	0.91%	0.109%
44	15.786	2155	2159	2163	rBV	25546	36112	0.91%	0.109%
45	15.892	2173	2177	2179	rBV5	7843	12224	0.31%	0.037%
46	16.004	2192	2196	2203	rBV6	14595	29631	0.75%	0.089%
47	16.227	2230	2234	2240	rBV9	14704	31464	0.79%	0.095%
48	16.398	2259	2263	2268	rBV6	16499	25139	0.63%	0.076%
49	16.445	2269	2271	2280	rVB9	13233	23429	0.59%	0.071%
50	16.639	2301	2304	2308	rBV6	14291	20784	0.52%	0.063%
51	16.904	2343	2349	2354	rBV	1013352	1438302	36.24%	4.340%
52	16.945	2354	2356	2360	rVB	67959	77487	1.95%	0.234%
53	17.004	2360	2366	2371	rBV	2139012	3063669	77.19%	9.244%
54	17.827	2501	2506	2514	rBV	414635	594384	14.97%	1.793%
55	18.333	2590	2592	2598	rVB3	34805	41572	1.05%	0.125%
56	18.933	2690	2694	2697	rBV3	62559	103929	2.62%	0.314%
57	18.968	2697	2700	2710	rVB	128155	228145	5.75%	0.688%
58	19.115	2721	2725	2734	rBV	454846	593918	14.96%	1.792%
59	19.309	2752	2758	2768	rBV	2814441	3876974	97.68%	11.698%
60	20.850	3016	3020	3027	rVB	95858	128127	3.23%	0.387%
61	21.109	3059	3064	3070	rBV	1454469	1826447	46.02%	5.511%
62	22.621	3318	3321	3325	rVB2	96603	123506	3.11%	0.373%
63	23.121	3399	3406	3418	rVB	2225512	3969177	100.00%	11.976%
64	23.250	3422	3428	3436	rVB	990013	1726390	43.49%	5.209%

Sum of corrected areas: 33142434

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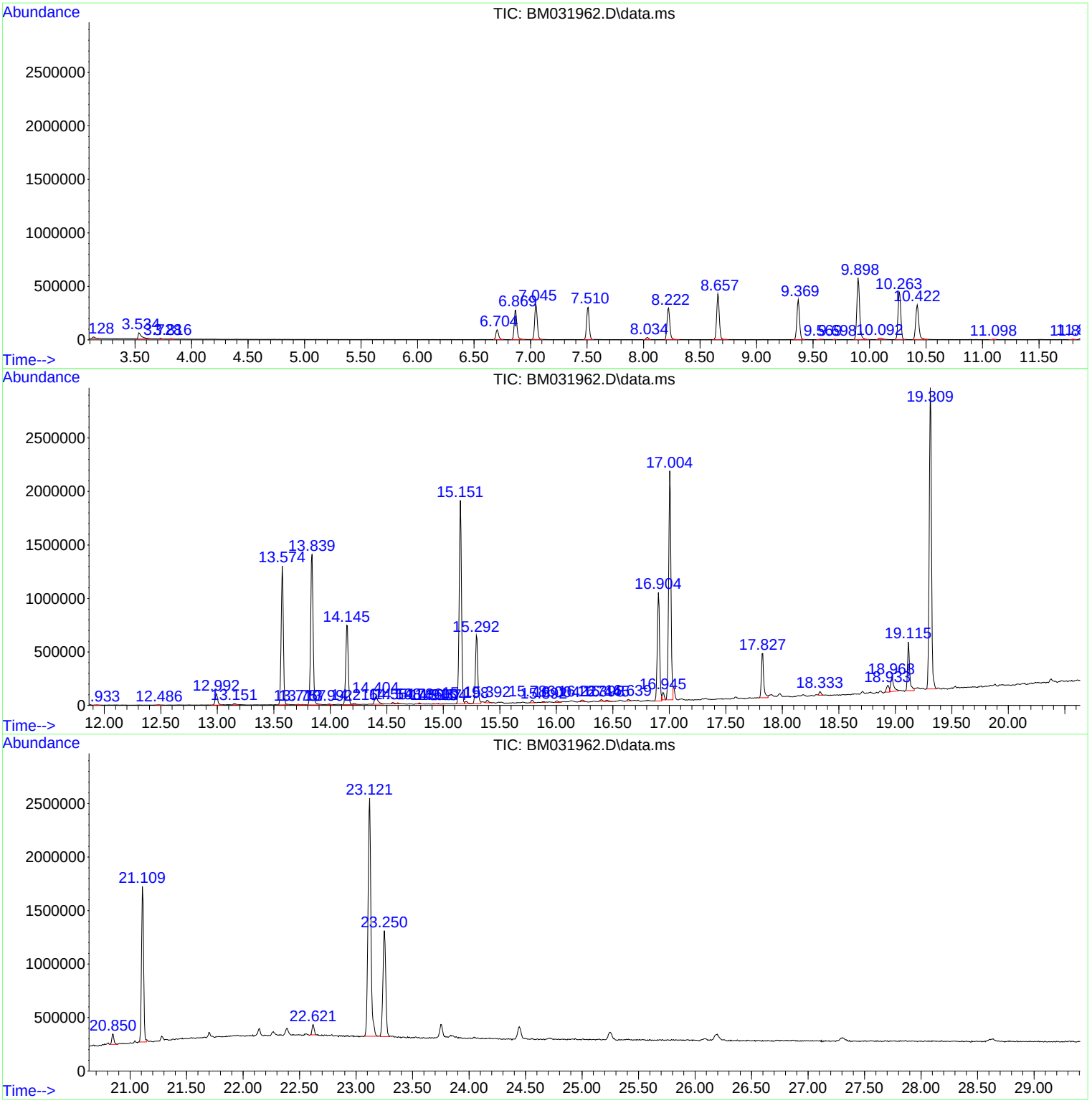
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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



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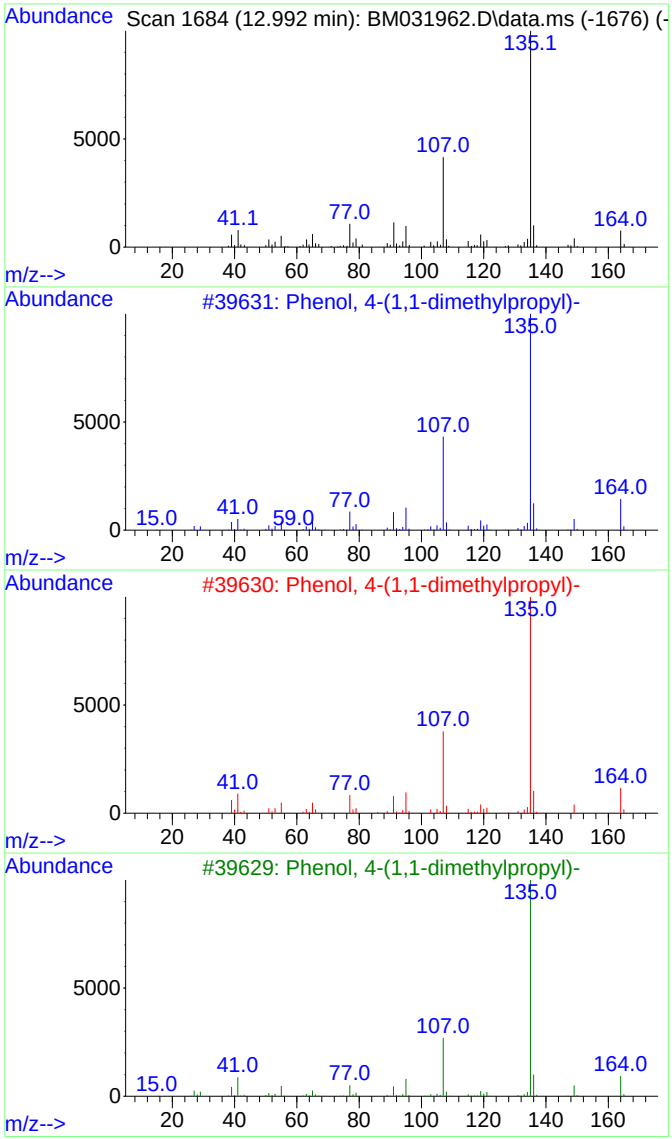
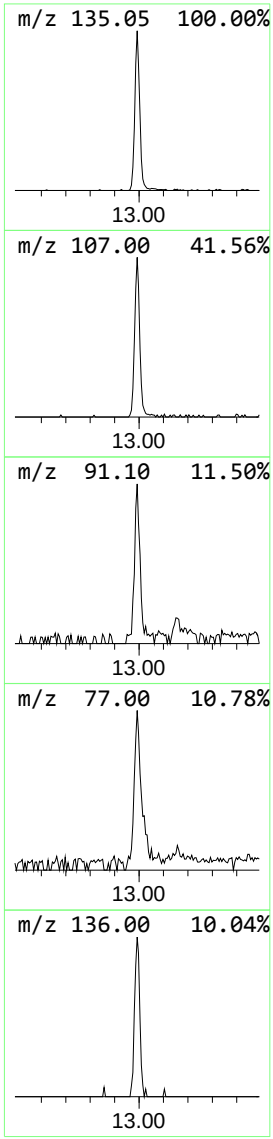
****
Peak Number 1 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	2.94 ng/ul	163873	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	95
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	64





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TIC Library : C:\Database\NIST20.L
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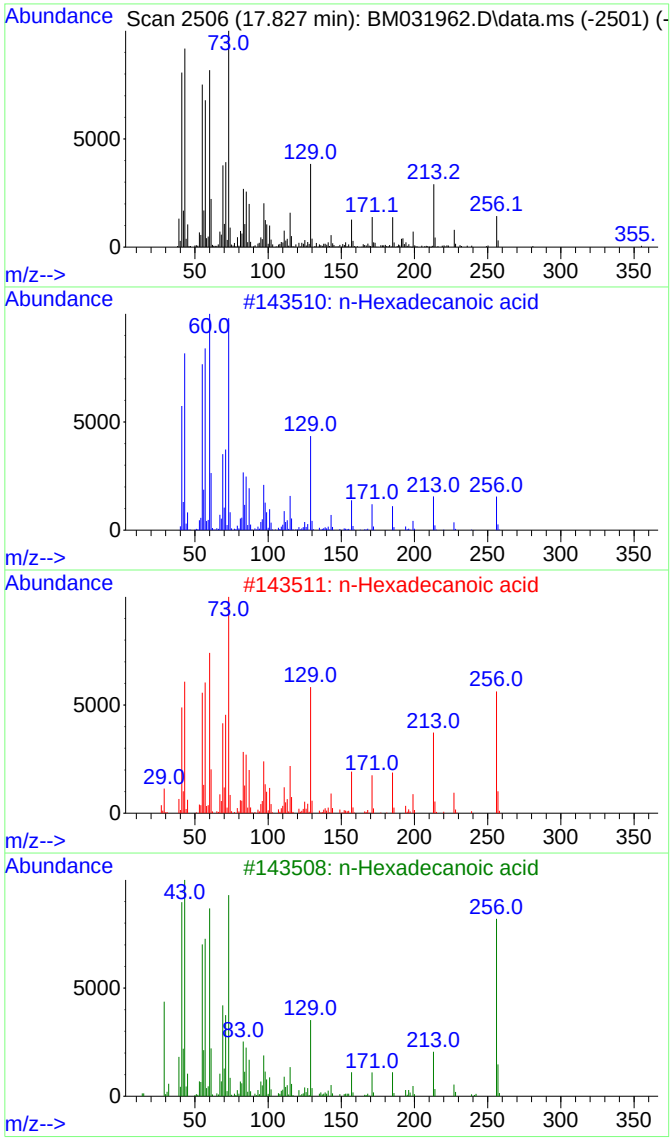
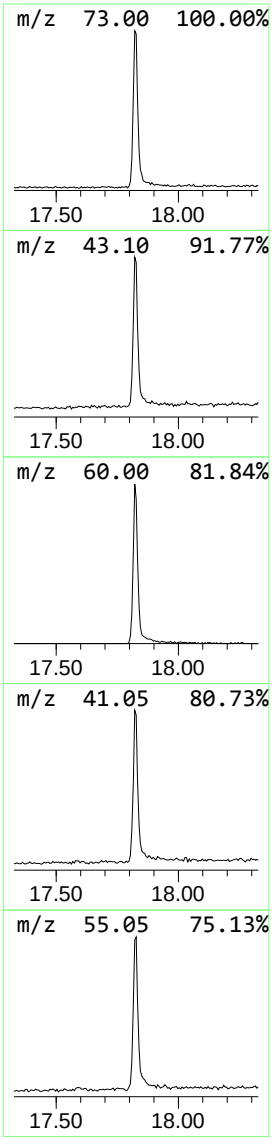
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	8.27 ng/ul	594384	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	95





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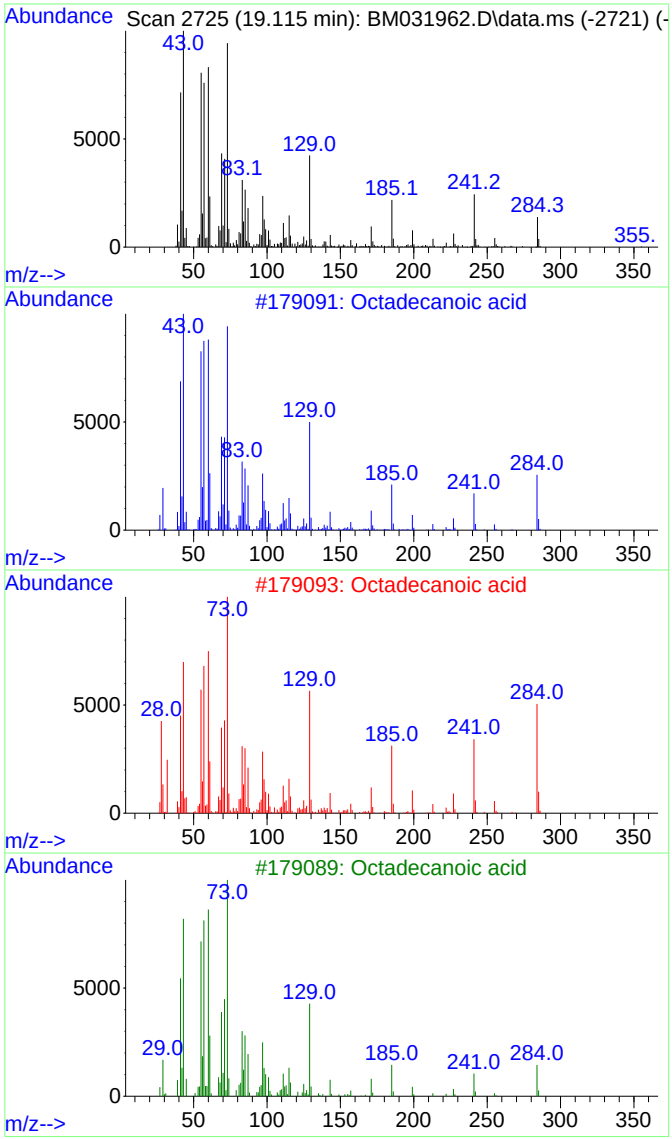
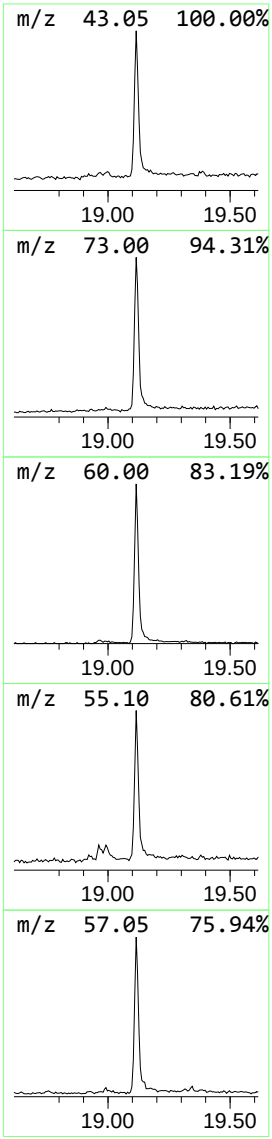
****

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	6.50 ng/ul	593918	Chrysene-d12	21.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenol, 4-(1,1-...	12.992	2.9	ng/ul	163873	3	14.145	1115870	20.0
n-Hexadecanoic ...	17.827	8.3	ng/ul	594384	4	16.904	1438300	20.0
Octadecanoic acid	19.115	6.5	ng/ul	593918	5	21.109	1826450	20.0