LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036719.D
Acq On : 24 Sep 2022 17:35
Operator : CG/JU
Sample : N4662-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXZ25

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-BM091522.M
Title : SVOA CALIBRATION

Signal : TIC: BM036719.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.116	3	5	25	rVB	6617630	7804694	83.11%	8.018%
2	3.352	41	45	48	rBV	70844	97901	1.04%	0.101%
3	3.387	48	51	54	rVV	105539	135629	1.44%	0.139%
4	3.422	54	57	64	rVB	121716	155499	1.66%	0.160%
5	3.822	122	125	136	rBV	182638	303071	3.23%	0.311%
6	4.052	160	164	168	rVB	35732	50690	0.54%	0.052%
7	4.146	177	180	185	rVB	31032	41947	0.45%	0.043%
8	4.257	195	199	203	rVB7	9054	13827	0.15%	0.014%
9	4.687	266	272	280	rBV	110567	167061	1.78%	0.172%
10	5.099	337	342	348	rBV	81522	120041	1.28%	0.123%
11	7.163	686	693	705	rVB	360763	583982	6.22%	0.600%
12	7.334	715	722	735	rVB	1354357	2091713	22.27%	2.149%
13	7.534	749	756	766	rBV	1274890	1986449	21.15%	2.041%
14	7.628	768	772	781	rVB10	8286	17333	0.18%	0.018%
15	8.004	829	836	846	rBV	1518167	2423309	25.80%	2.490%
16	8.716	949	957	967	rBV	1087283	1726619	18.39%	1.774%
17	9.175	1028	1035	1043	rBV	1540579	2513232	26.76%	2.582%
18	9.551	1091	1099	1101	rBV9	6217	15341	0.16%	0.016%
19	9.598	1103	1107	1114	rVB7	14147	27294	0.29%	0.028%
20	9.898	1151	1158	1174	rBV	1114847	1834448	19.53%	1.885%
21	10.116	1191	1195	1199	rBV7	9221	13788	0.15%	0.014%
22	10.434	1242	1249	1262	rBV	1900388	3090372	32.91%	3.175%
23	10.598	1273	1277	1285	rBV9	13162	27413	0.29%	0.028%
24	10.675	1287	1290	1298	rVB9	9867	15661	0.17%	0.016%
25	10.816	1305	1314	1322	rBV	2161650	3619977	38.55%	3.719%
26	10.951	1330	1337	1353	rBV	887985	1558520	16.60%	1.601%
27	11.481	1420	1427	1431	rBV8	5090	10600	0.11%	0.011%
28	11.598	1443	1447	1450	rBV6	10955	17282	0.18%	0.018%
29	11.716	1463	1467	1472	rBV6	4684	9558	0.10%	0.010%
30	12.086	1522	1530	1534	rBV5	13049	29707	0.32%	0.031%
31	12.310	1564	1568	1573	rBV7	6907	12469	0.13%	0.013%
32	12.398	1576	1583	1588	rVB	34386	57962	0.62%	0.060%
33	12.686	1628	1632	1635	rBV5	7286	10825	0.12%	0.011%
34	12.827	1651	1656	1662	rBV7	8478	17273	0.18%	0.018%
35	13.010	1680	1687	1691	rBV7	12385	23587	0.25%	0.024%
36	13.257	1722	1729	1735	rVB3	30960	53223	0.57%	0.055%

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Title : SVOA CALIBRATION

37	13.475	1761	1766	1770	rBV7	9762	17018	0.18%	0.017%
38	13.533	1770	1776	1783	rVV2	53153	93630	1.00%	0.096%
39	13.604	1785	1788	1794	rVB6	8000	14365	0.15%	0.015%
40	14.045	1855	1863	1877	rBV	3894574	5175503	55.11%	5.317%
41	14.327	1899	1911	1927	rBV	4245185	5888571	62.70%	6.050%
42	14.633	1951	1963	1971	rBV	3206921	4646060	49.47%	4.773%
43	14.698	1972	1974	1978	rVB5	9077	13006	0.14%	0.013%
44	14.821	1988	1995	2007	rBV	305003	492788	5.25%	0.506%
45	15.039	2026	2032	2042	rVB7	35566	67022	0.71%	0.069%
46	15.163	2049	2053	2059	rVB8	9498	14844	0.16%	0.015%
47	15.369	2084	2088	2092	rBV	28001	38918	0.41%	0.040%
48	15.427	2094	2098	2100	rBV	18966	24655	0.26%	0.025%
49	15.621	2123	2131	2143	rBV	5488975	7825359	83.33%	8.039%
50	15.733	2143	2150	2166	rVV	1418168	2038032	21.70%	2.094%
51	15.857	2166	2171	2180	rVB	51573	94306	1.00%	0.097%
52	16.127	2213	2217	2223	rBV	88184	123068	1.31%	0.126%
53	16.333	2250	2252	2259	rVB8	6756	9836	0.10%	0.010%
54	16.404	2259	2264	2270	rVB7	14277	21572	0.23%	0.022%
55	16.639	2299	2304	2307	rBV	43484	62536	0.67%	0.064%
56	16.768	2323	2326	2330	rBV6	6834	10627	0.11%	0.011%
57	16.857	2336	2341	2346	rBV5	16183	30829	0.33%	0.032%
58	17.368	2422	2428	2438	rBV	3742217	5028931	53.55%	5.166%
59	17.468	2438	2445	2457	rBV	6545782	9004766	95.89%	9.251%
60	17.927	2521	2523	2527	rVB2	18662	18462	0.20%	0.019%
61	18.262	2575	2580	2588	rBV	509975	749382	7.98%	0.770%
62	19.315	2755	2759	2766	rBV2	79248	120894	1.29%	0.124%
63	19.386	2767	2771	2774	rBV	113190	148436	1.58%	0.152%
64	19.533	2791	2796	2805	rBV	406765	629383	6.70%	0.647%
65	19.751	2827	2833	2839	rBV	7214339	9390980	100.00%	9.648%
66	20.745	2999	3002	3005	rBV	193424	185316	1.97%	0.190%
67	21.250	3084	3088	3093	rBV2	275909	356802	3.80%	0.367%
68	21.539	3132	3137	3144	rBV	3022828	3987027	42.46%	4.096%
69	23.815	3517	3524	3531	rBV2	3503133	6795798	72.37%	6.982%
70	23.968	3545	3550	3562	rVB2	1787885	3540946	37.71%	3.638%

Sum of corrected areas: 97337965

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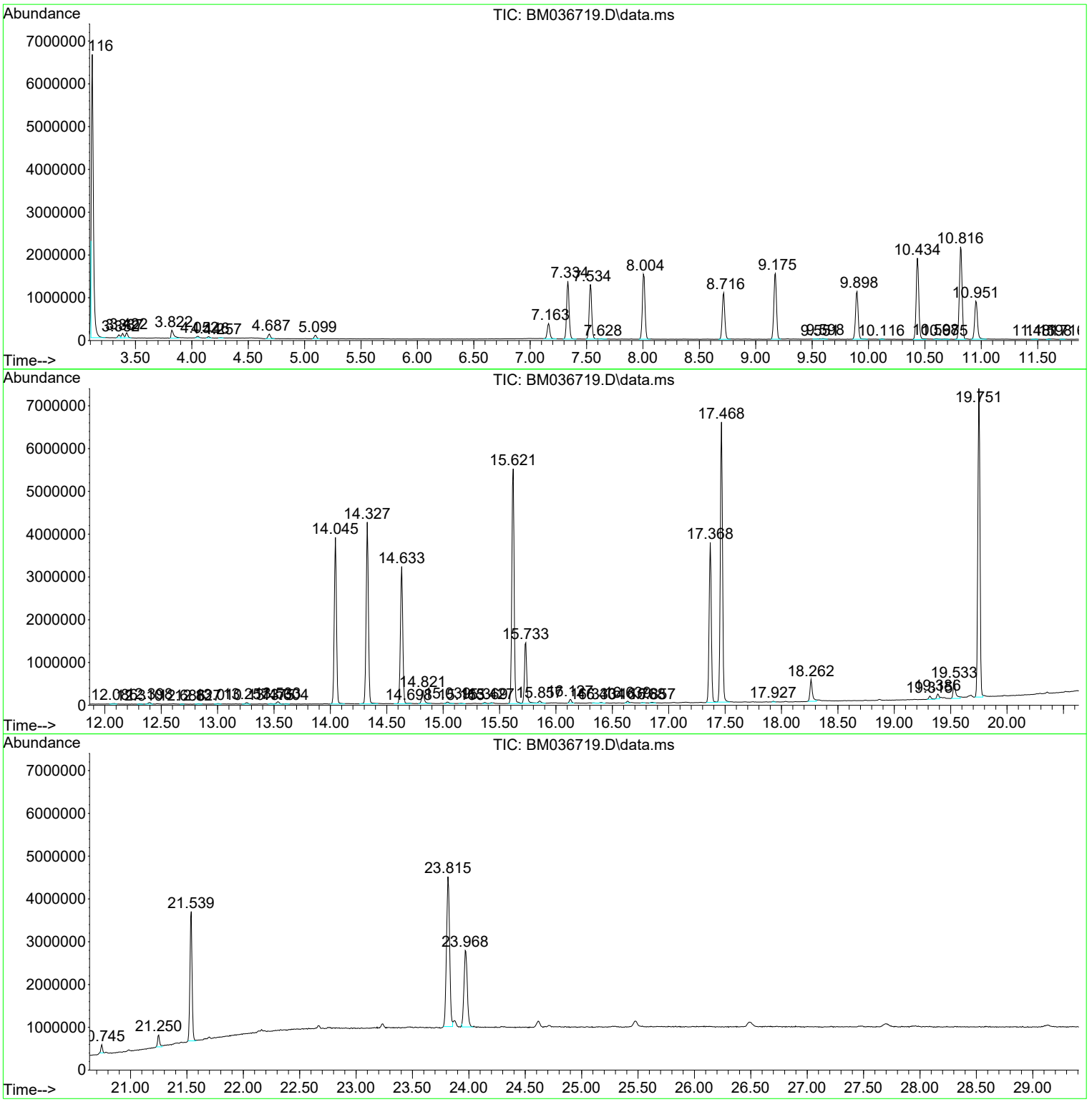
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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



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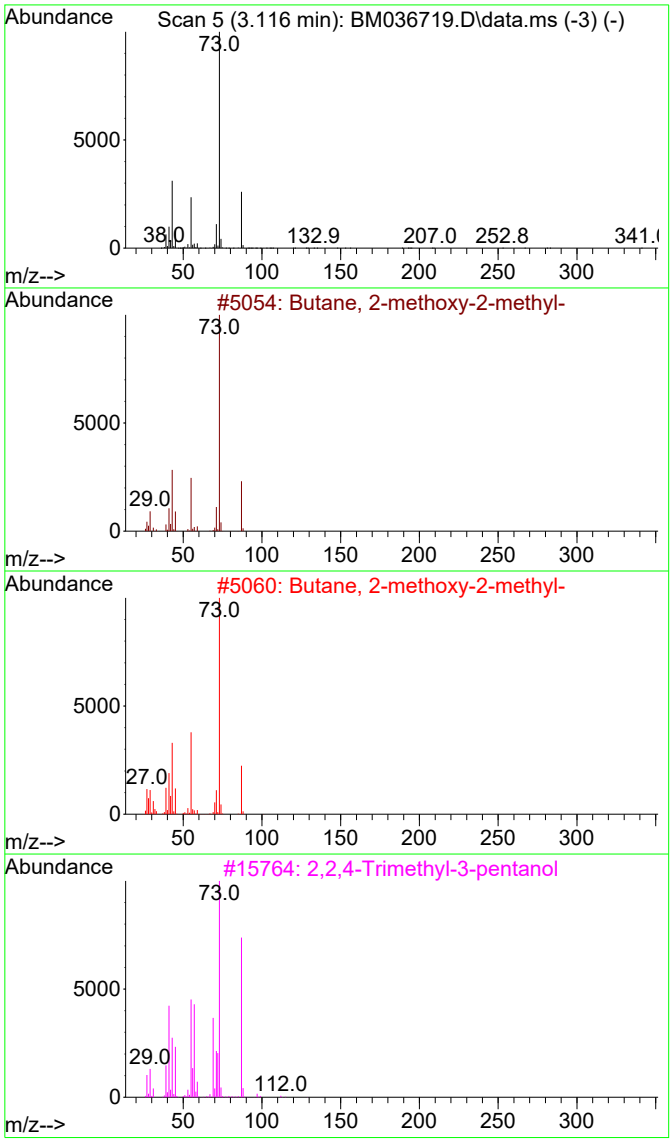
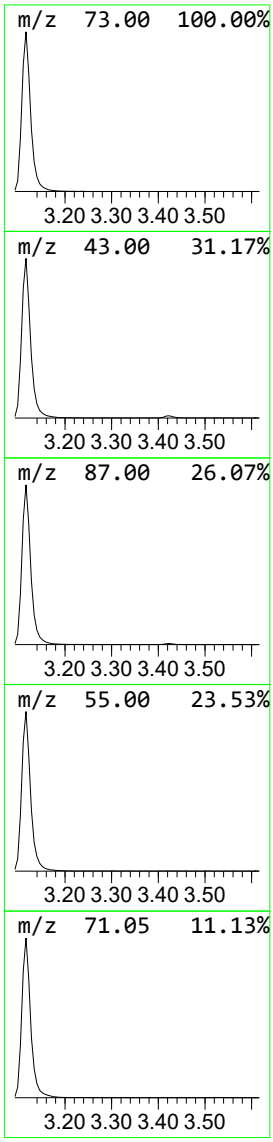
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	64.41 ng/ul	7804690	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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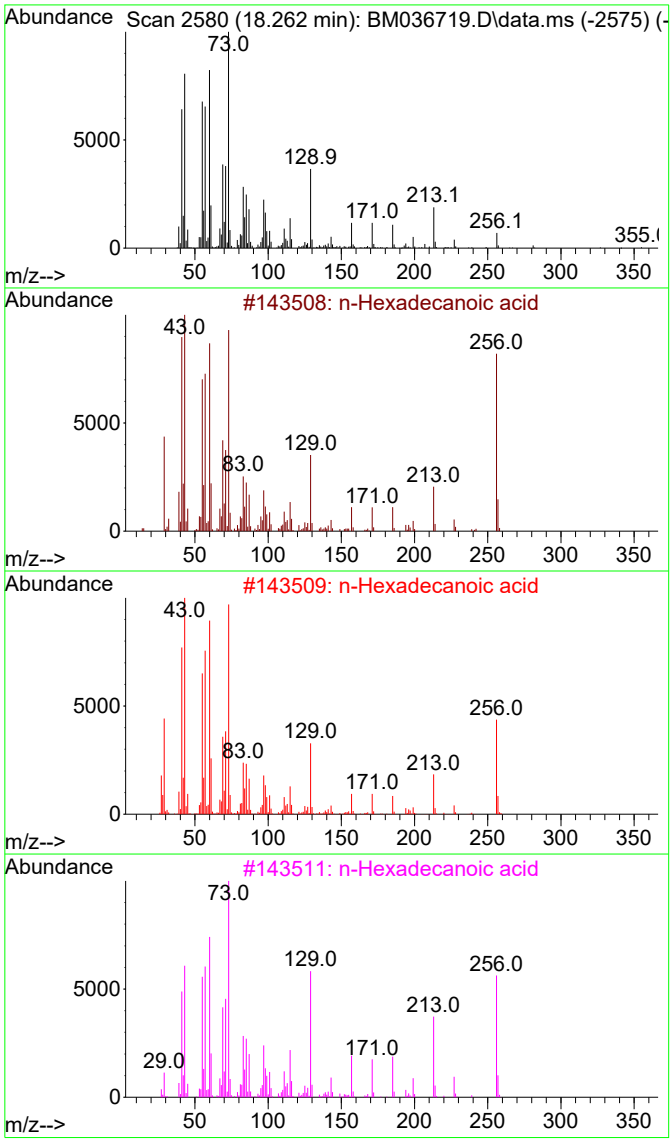
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

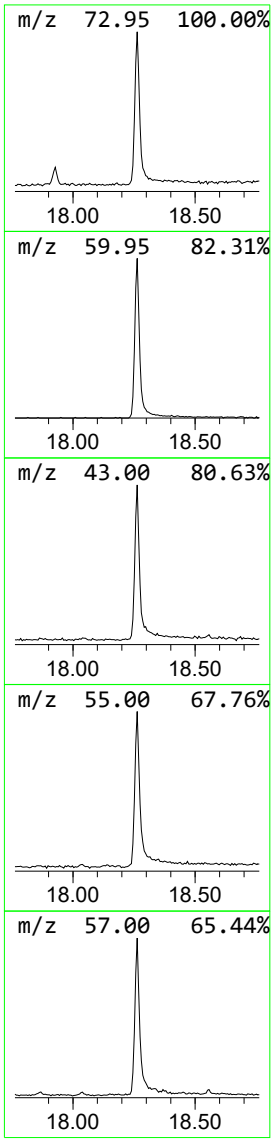
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	2.98 ng/ul	749382	Phenanthrene-d10	17.368

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	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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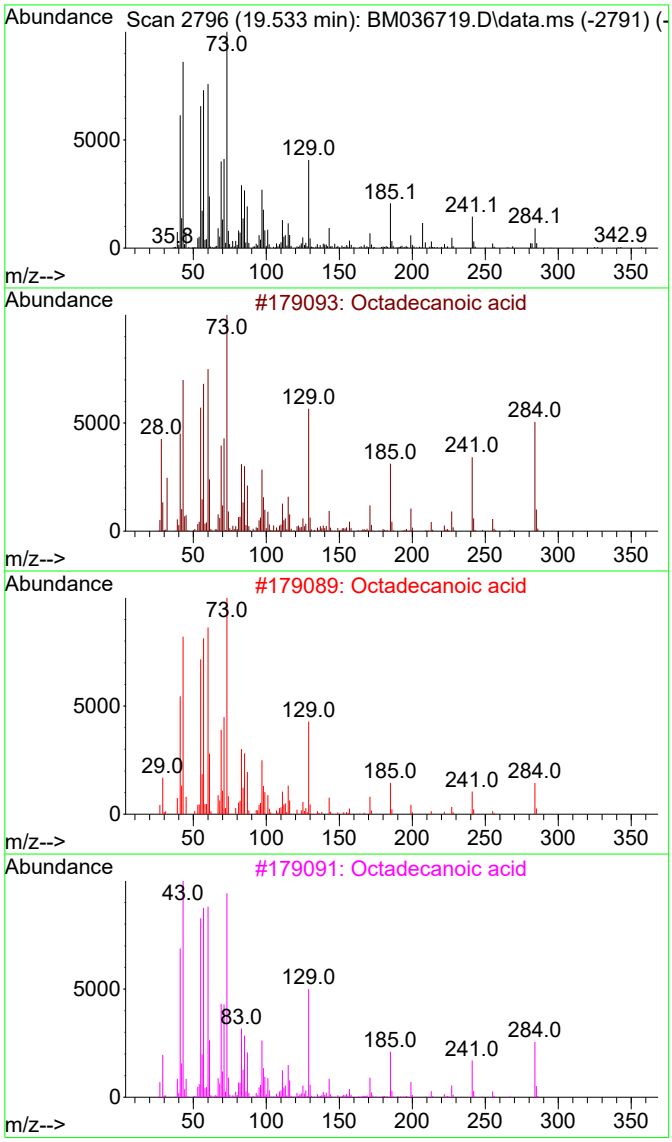
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

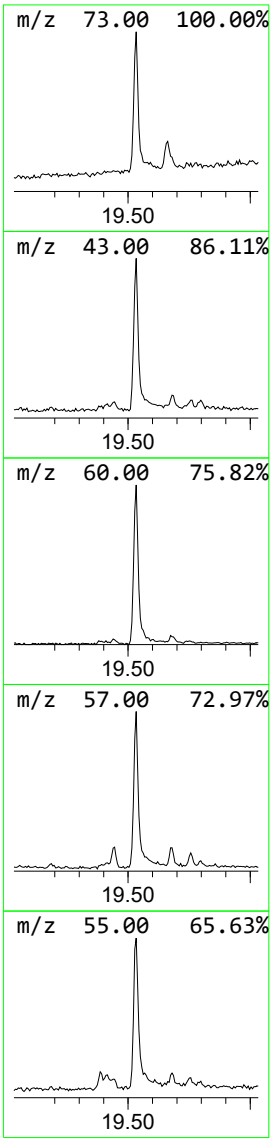
****

Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.533	3.16 ng/ul	629383	Chrysene-d12	21.539

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.116	64.4	ng/ul	7804690	1	8.004	2423310	20.0
n-Hexadecanoic ...	18.262	3.0	ng/ul	749382	4	17.368	5028930	20.0
Octadecanoic acid	19.533	3.2	ng/ul	629383	5	21.539	3987030	20.0