LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036726.D
Acq On : 24 Sep 2022 23:00
Operator : CG/JU
Sample : N4662-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EXZ24

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: BM036727.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	6455220	7682383	88.01%	8.205%
2	3.387	46	51	55	rBV	90202	122658	1.41%	0.131%
3	3.816	121	124	142	rBV	311007	555080	6.36%	0.593%
4	4.052	160	164	169	rVB	39044	58672	0.67%	0.063%
5	4.146	176	180	187	rVB2	26551	45631	0.52%	0.049%
6	7.163	686	693	703	rVB	374410	612176	7.01%	0.654%
7	7.334	715	722	733	rBV	1322023	2054592	23.54%	2.194%
8	7.534	749	756	767	rBV	1291431	2007907	23.00%	2.145%
9	7.622	769	771	776	rVB6	8122	12145	0.14%	0.013%
10	8.004	829	836	845	rBV	1459268	2235038	25.60%	2.387%
11	8.710	948	956	965	rBV	1100661	1752057	20.07%	1.871%
12	9.169	1027	1034	1046	rBV	1603104	2552022	29.24%	2.726%
13	9.275	1050	1052	1058	rVB6	6897	11485	0.13%	0.012%
14	9.639	1109	1114	1123	rVB2	93504	174060	1.99%	0.186%
15	9.892	1150	1157	1165	rBV	1161864	1864210	21.36%	1.991%
16	10.216	1208	1212	1215	rBV6	5098	9697	0.11%	0.010%
17	10.434	1241	1249	1262	rBV	1832326	3021565	34.61%	3.227%
18	10.598	1274	1277	1283	rBV6	11725	19946	0.23%	0.021%
19	10.816	1303	1314	1323	rBV	2076309	3467174	39.72%	3.703%
20	10.951	1330	1337	1346	rBV	1084480	1849400	21.19%	1.975%
21	11.469	1420	1425	1432	rBV10	5765	13035	0.15%	0.014%
22	11.604	1440	1448	1451	rBV9	11187	18484	0.21%	0.020%
23	12.081	1524	1529	1536	rVB6	8736	17432	0.20%	0.019%
24	12.392	1576	1582	1590	rVB2	36908	62586	0.72%	0.067%
25	13.004	1681	1686	1690	rBV6	12058	20052	0.23%	0.021%
26	13.257	1722	1729	1734	rVB2	40303	63557	0.73%	0.068%
27	13.475	1761	1766	1771	rBV7	7628	14129	0.16%	0.015%
28	13.533	1771	1776	1783	rVB2	32031	52274	0.60%	0.056%
29	13.610	1783	1789	1793	rBV8	8768	16868	0.19%	0.018%
30	14.045	1855	1863	1874	rBV	3421611	4810905	55.11%	5.138%
31	14.163	1878	1883	1888	rVB9	8068	14910	0.17%	0.016%
32	14.327	1904	1911	1926	rVB	3938683	5742161	65.78%	6.133%
33	14.627	1953	1962	1980	rBV	3144742	4668085	53.48%	4.986%
34	14.816	1989	1994	2008	rBV	286504	471029	5.40%	0.503%
35	14.980	2019	2022	2027	rVB7	6315	8793	0.10%	0.009%
36	15.039	2027	2032	2037	rBV5	33042	47512	0.54%	0.051%

LSC Area Percent Report

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Instrument :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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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

37	15.280	2068	2073	2076	rBV5	14715	19637	0.22%	0.021%
38	15.369	2083	2088	2093	rBV	51914	68107	0.78%	0.073%
39	15.445	2093	2101	2108	rVB2	51072	105872	1.21%	0.113%
40	15.616	2123	2130	2138	rBV	5506662	7675375	87.93%	8.198%
41	15.727	2142	2149	2157	rBV	1298719	1729629	19.81%	1.847%
42	15.857	2166	2171	2178	rVB	51250	86646	0.99%	0.093%
43	16.310	2242	2248	2255	rBV	99807	158125	1.81%	0.169%
44	16.392	2260	2262	2266	rVB3	11480	14438	0.17%	0.015%
45	16.668	2307	2309	2315	rVB6	8561	11321	0.13%	0.012%
46	16.851	2335	2340	2344	rBV3	14064	28186	0.32%	0.030%
47	17.045	2369	2373	2377	rBV7	11058	18075	0.21%	0.019%
48	17.127	2382	2387	2390	rBV3	25472	38398	0.44%	0.041%
49	17.286	2410	2414	2419	rBV7	13284	16786	0.19%	0.018%
50	17.368	2421	2428	2437	rBV	3570019	4974674	56.99%	5.313%
51	17.463	2438	2444	2457	rVV2	6191815	8606028	98.59%	9.192%
52	17.739	2488	2491	2495	rBV5	9335	15676	0.18%	0.017%
53	17.868	2509	2513	2516	rBV6	6773	9590	0.11%	0.010%
54	17.927	2520	2523	2527	rVB5	14497	19882	0.23%	0.021%
55	18.033	2538	2541	2547	rVB6	36031	45428	0.52%	0.049%
56	18.227	2570	2574	2575	rBV3	22420	24508	0.28%	0.026%
57	18.257	2575	2579	2588	rVV	394922	621798	7.12%	0.664%
58	18.333	2589	2592	2596	rVB2	35396	49933	0.57%	0.053%
59	19.315	2755	2759	2766	rBV2	65429	92788	1.06%	0.099%
60	19.380	2767	2770	2775	rBV	88782	131339	1.50%	0.140%
61	19.527	2791	2795	2802	rBV2	277001	399672	4.58%	0.427%
62	19.751	2827	2833	2838	rBV	6509053	8729146	100.00%	9.323%
63	20.739	2998	3001	3005	rBV	149175	164285	1.88%	0.175%
64	21.245	3084	3087	3093	rBV2	215670	264662	3.03%	0.283%
65	21.533	3131	3136	3144	rBV	3006683	3886721	44.53%	4.151%
66	23.809	3516	3523	3530	rBV2	3048865	6117882	70.09%	6.534%
67	23.962	3543	3549	3558	rVB2	1686449	3354895	38.43%	3.583%

Sum of corrected areas: 93629212

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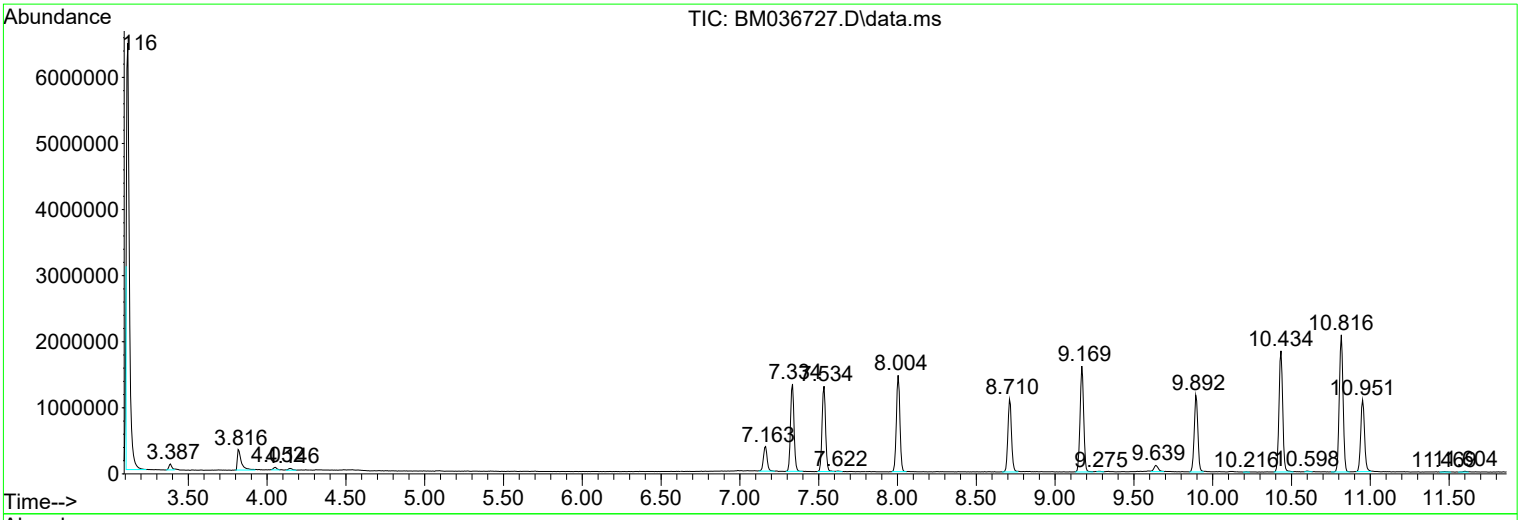
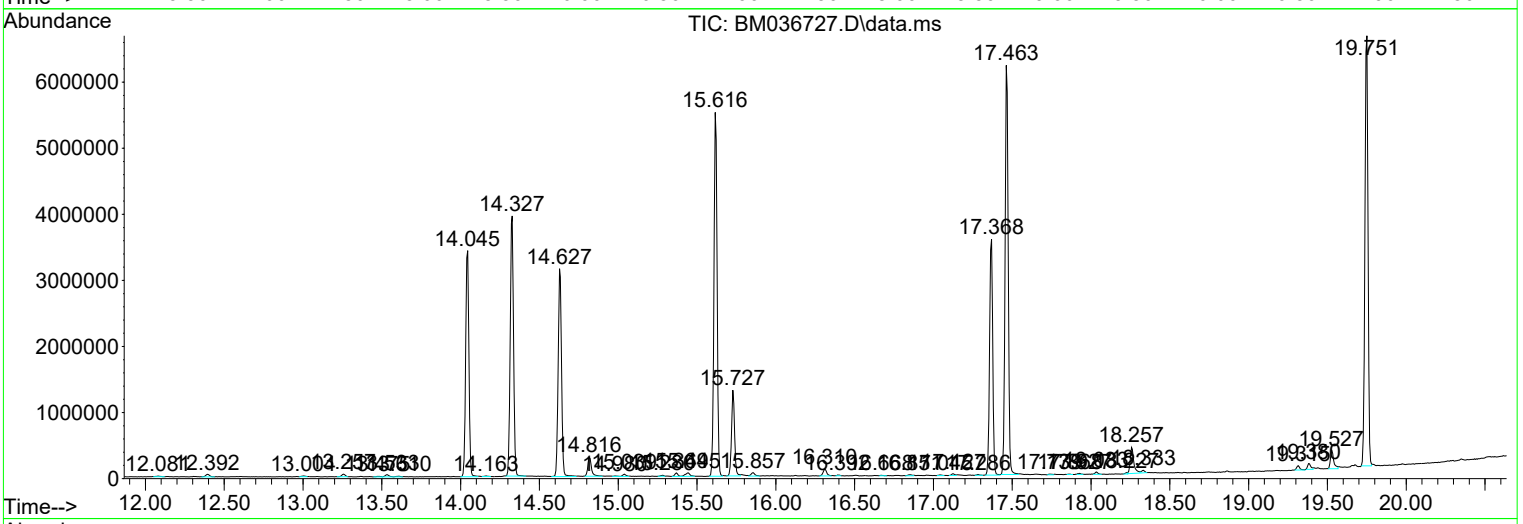
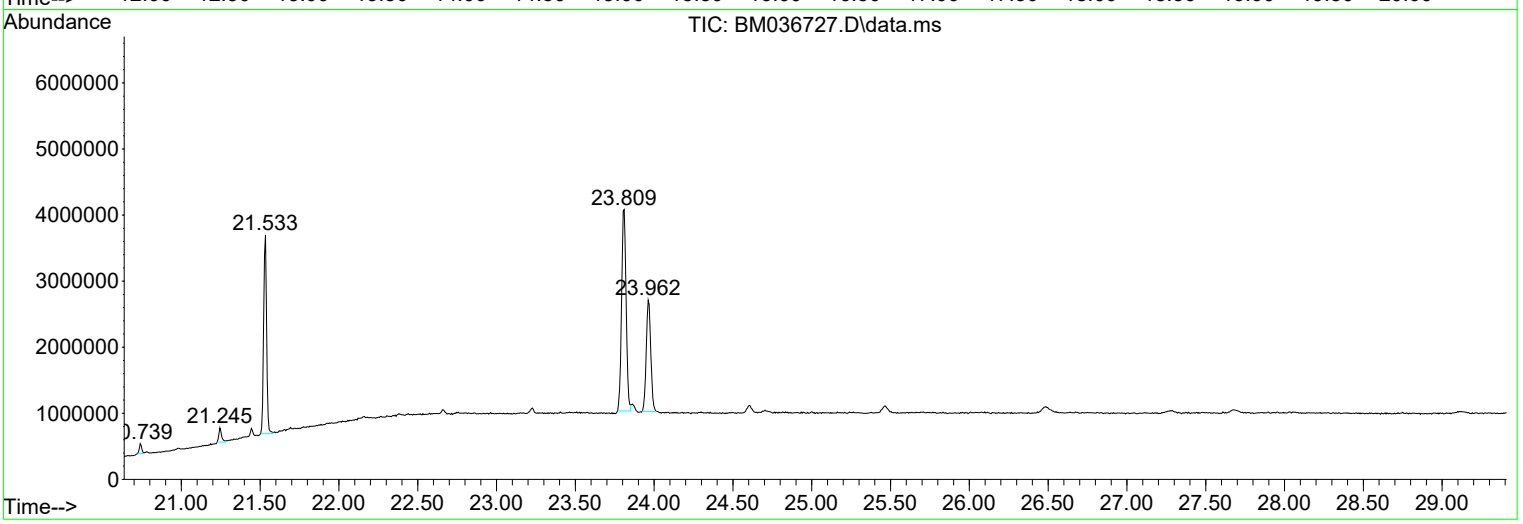
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

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







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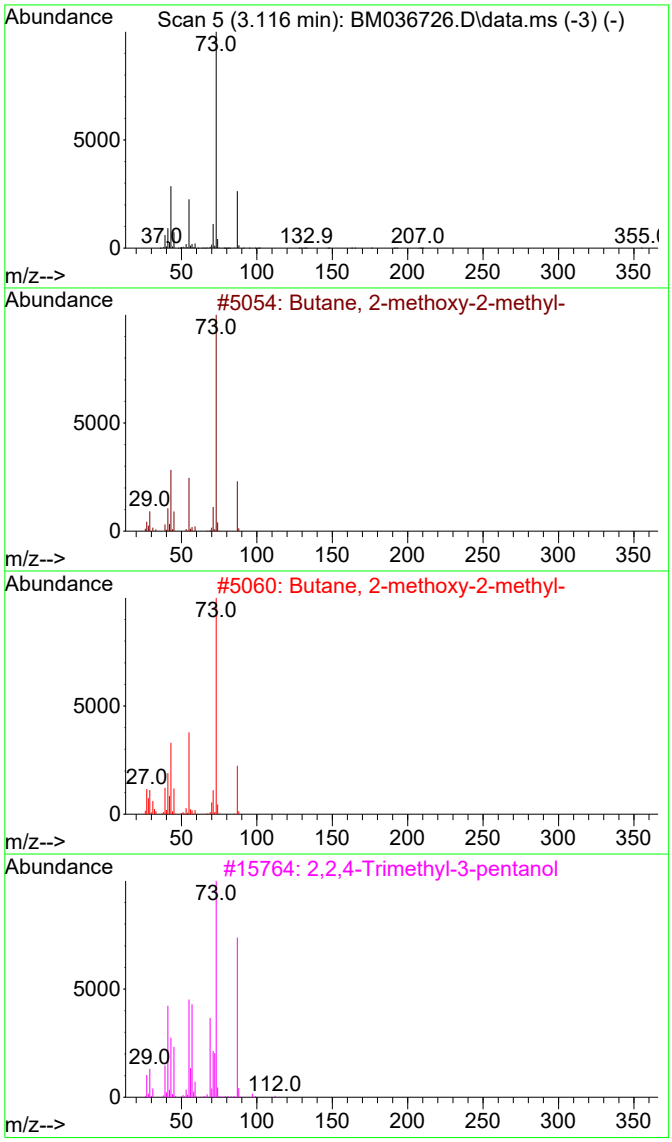
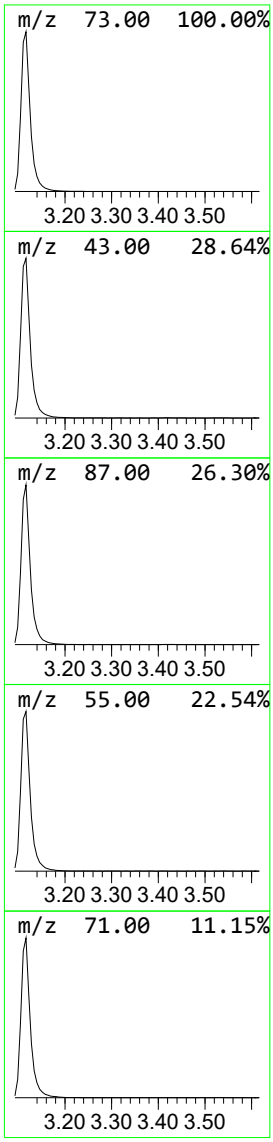
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.116	68.75 ng/ul	7682380	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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ALS Vial : 61 Sample Multiplier: 1

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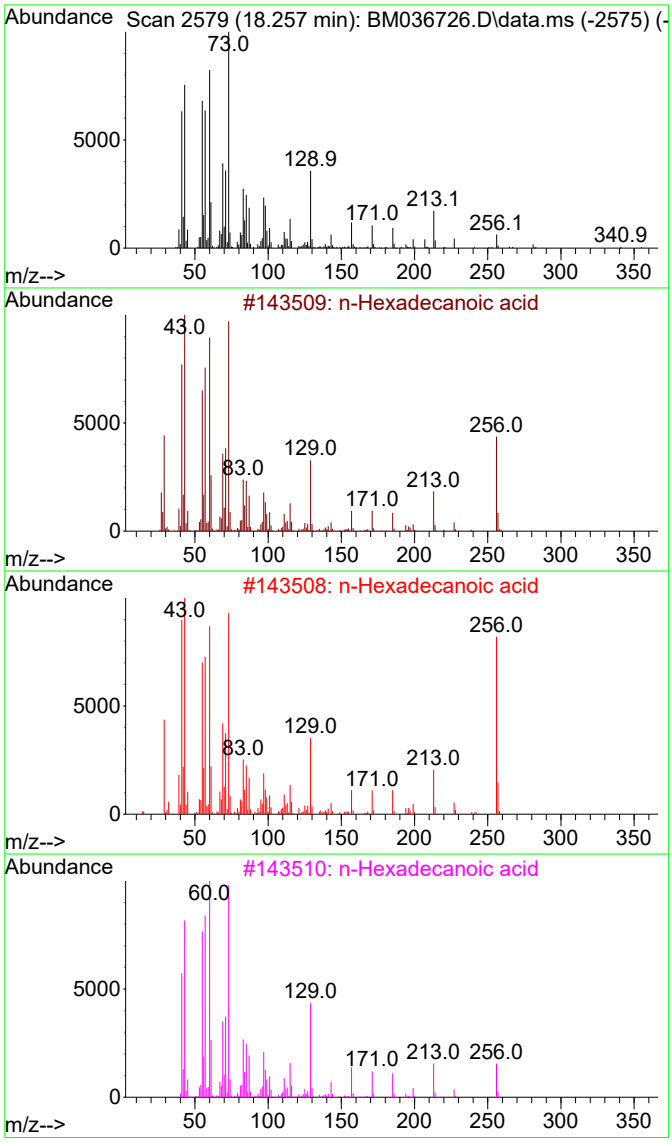
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

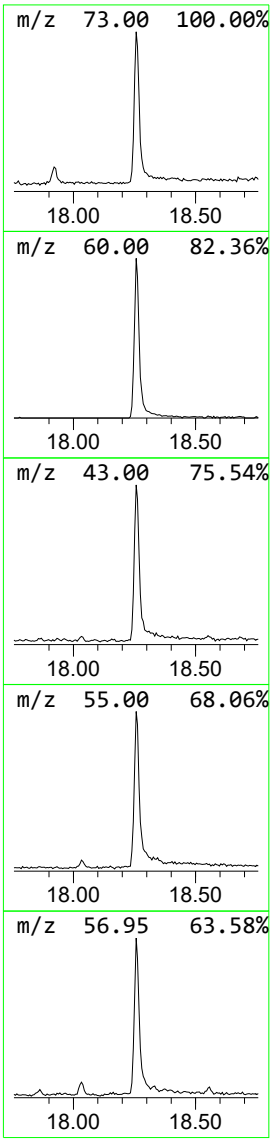
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.257	2.50 ng/ul	621798	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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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ALS Vial : 61 Sample Multiplier: 1

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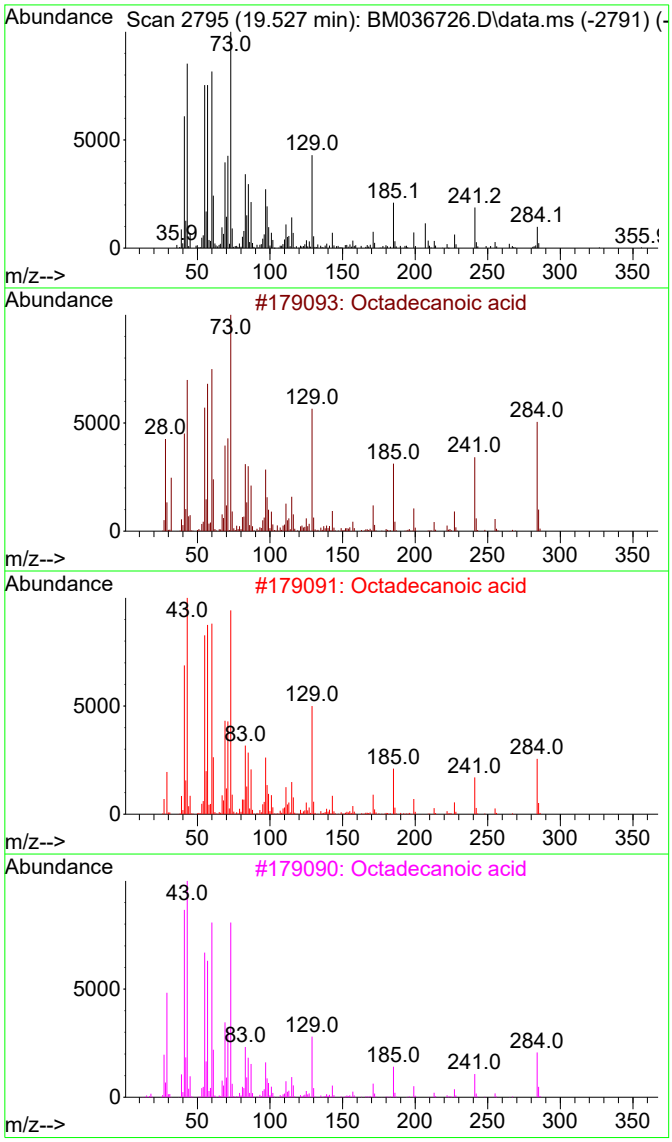
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION

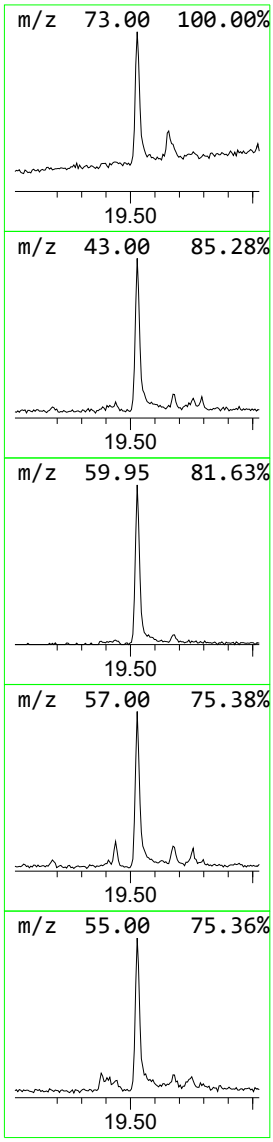
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	2.06 ng/ul	399672	Chrysene-d12	21.533

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	97
5	Octadecanoic acid	284	C18H36O2	000057-11-4	96





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	68.8	ng/ul	7682380	1	8.004	2235040	20.0
n-Hexadecanoic ...	18.257	2.5	ng/ul	621798	4	17.368	4974670	20.0
Octadecanoic acid	19.527	2.1	ng/ul	399672	5	21.533	3886720	20.0