LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM035001.D
Acq On : 12 May 2022 00:46
Operator : CG/JU
Sample : N2707-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EXLA7

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-BM051022.M
Title : SVOA CALIBRATION

Signal : TIC: BM035001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	44	48	53	rVB	46222	57154	1.08%	0.114%
2	3.781	115	118	132	rBV	203207	317938	5.99%	0.633%
3	4.110	171	174	179	rVB2	15521	17596	0.33%	0.035%
4	4.646	260	265	271	rBV4	18268	27577	0.52%	0.055%
5	5.034	327	331	335	rVB2	12748	20177	0.38%	0.040%
6	6.904	647	649	653	rBV4	4276	6926	0.13%	0.014%
7	7.081	673	679	691	rVB	210052	345039	6.51%	0.687%
8	7.251	701	708	717	rBV	748752	1184338	22.33%	2.359%
9	7.322	717	720	727	rVB2	9816	18344	0.35%	0.037%
10	7.451	734	742	751	rBV	834694	1298779	24.49%	2.587%
11	7.551	756	759	766	rVB8	7370	12440	0.23%	0.025%
12	7.922	814	822	830	rBV	742417	1177114	22.19%	2.345%
13	7.992	830	834	840	rVB3	6986	12921	0.24%	0.026%
14	8.487	911	918	921	rBV7	3010	7276	0.14%	0.014%
15	8.628	935	942	950	rBV	594147	973415	18.35%	1.939%
16	9.075	1010	1018	1027	rBV	966748	1592492	30.02%	3.172%
17	9.198	1035	1039	1043	rBV4	7417	11533	0.22%	0.023%
18	9.245	1045	1047	1053	rVB7	3985	7275	0.14%	0.014%
19	9.534	1090	1096	1103	rVB	17483	28361	0.53%	0.056%
20	9.798	1134	1141	1155	rBV	770470	1291234	24.34%	2.572%
21	10.034	1176	1181	1189	rVB	5730	10672	0.20%	0.021%
22	10.339	1226	1233	1243	rBV	1060650	1773396	33.43%	3.533%
23	10.510	1257	1262	1268	rBV5	4367	8598	0.16%	0.017%
24	10.722	1291	1298	1306	rBV	974077	1590411	29.98%	3.168%
25	10.851	1312	1320	1334	rBV	908978	1595470	30.08%	3.178%
26	11.516	1427	1433	1436	rBV5	4442	9917	0.19%	0.020%
27	12.157	1538	1542	1547	rVB4	5937	7915	0.15%	0.016%
28	12.310	1562	1568	1578	rBV	20346	34555	0.65%	0.069%
29	12.839	1654	1658	1663	rVB7	3428	6336	0.12%	0.013%
30	13.163	1709	1713	1719	rBV7	4023	6713	0.13%	0.013%
31	13.392	1746	1752	1757	rVB2	15397	21502	0.41%	0.043%
32	13.963	1841	1849	1862	rBV	2047078	2728700	51.45%	5.436%
33	14.245	1887	1897	1904	rBV	2294412	3297590	62.17%	6.569%
34	14.551	1941	1949	1961	rBV	1323915	1946712	36.70%	3.878%
35	14.739	1974	1981	1998	rBV	148779	276382	5.21%	0.551%
36	14.974	2015	2021	2033	rBV	259763	380223	7.17%	0.757%

LSC Area Percent Report

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Integrator: RTE
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Title : SVOA CALIBRATION

37	15.186	2055	2057	2065	rVB8	3360	5377	0.10%	0.011%
38	15.363	2082	2087	2090	rVB2	7706	8886	0.17%	0.018%
39	15.545	2111	2118	2130	rBV	2766675	4051791	76.39%	8.071%
40	15.657	2130	2137	2144	rBV	899980	1226811	23.13%	2.444%
41	15.780	2153	2158	2163	rVB2	34487	49306	0.93%	0.098%
42	16.104	2207	2213	2215	rBV4	5696	9042	0.17%	0.018%
43	16.327	2247	2251	2256	rVB4	12991	18366	0.35%	0.037%
44	16.439	2265	2270	2276	rBV8	5772	9741	0.18%	0.019%
45	16.698	2310	2314	2318	rBV7	8699	13143	0.25%	0.026%
46	16.974	2358	2361	2365	rVB4	5285	5404	0.10%	0.011%
47	17.074	2372	2378	2382	rBV8	6288	13724	0.26%	0.027%
48	17.292	2408	2415	2421	rBV	1510084	2126558	40.09%	4.236%
49	17.392	2425	2432	2442	rBV	3108201	4311654	81.29%	8.589%
50	17.539	2453	2457	2459	rBV4	5202	7307	0.14%	0.015%
51	17.680	2475	2481	2485	rVB8	8027	11259	0.21%	0.022%
52	17.974	2526	2531	2535	rBV	132125	155271	2.93%	0.309%
53	18.192	2563	2568	2576	rBV	264307	361488	6.82%	0.720%
54	18.515	2621	2623	2628	rVB3	10960	12911	0.24%	0.026%
55	19.145	2723	2730	2733	rBV4	41225	56976	1.07%	0.113%
56	19.245	2743	2747	2752	rBV2	39667	53858	1.02%	0.107%
57	19.315	2755	2759	2763	rBV	48982	71901	1.36%	0.143%
58	19.468	2780	2785	2796	rBV	208531	301195	5.68%	0.600%
59	19.545	2796	2798	2805	rVB7	12713	18122	0.34%	0.036%
60	19.615	2808	2810	2814	rBV5	10001	11156	0.21%	0.022%
61	19.680	2815	2821	2828	rVV	3689712	4874308	91.90%	9.710%
62	21.186	3073	3077	3083	rBV	163998	242546	4.57%	0.483%
63	21.468	3120	3125	3130	rBV	1808168	2306271	43.48%	4.594%
64	23.697	3497	3504	3512	rBV2	2765189	5304049	100.00%	10.566%
65	23.850	3524	3530	3539	rVB2	1229248	2458013	46.34%	4.896%

Sum of corrected areas: 50199455

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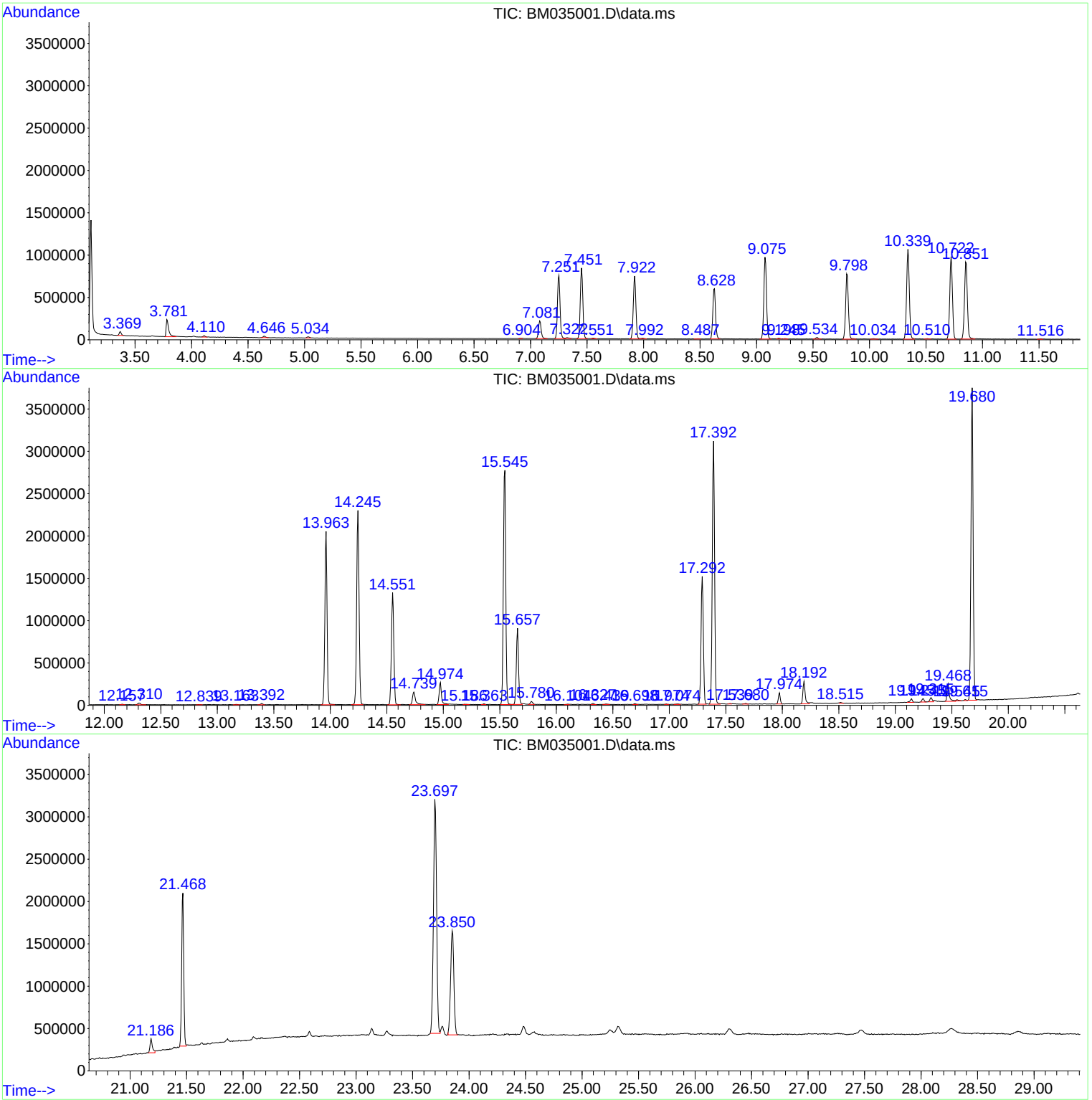
ClientSampleId :
EXLA7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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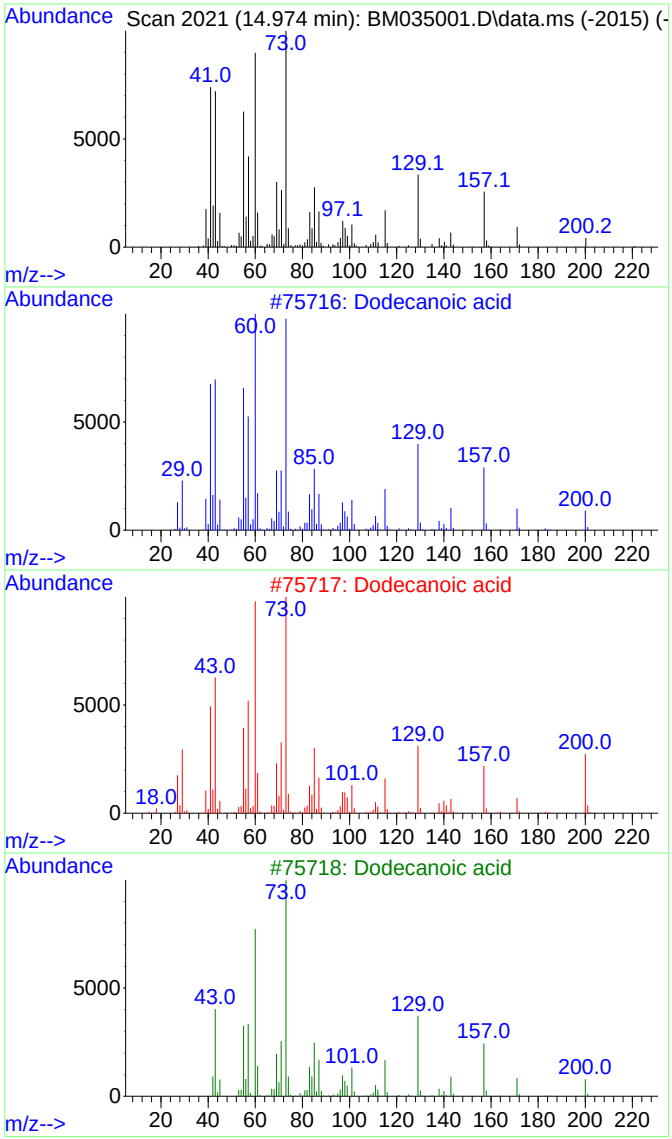
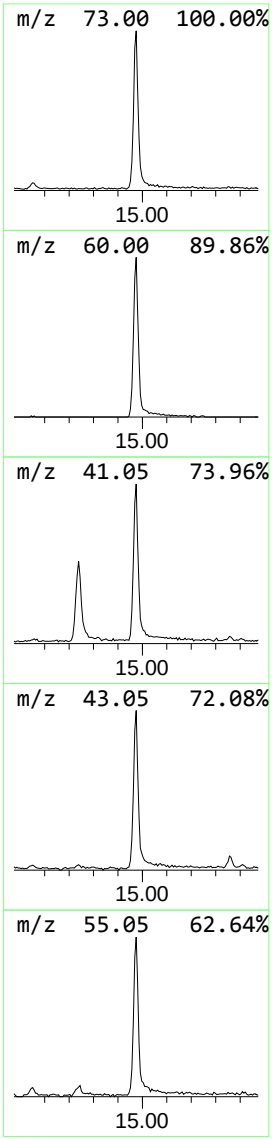
****

Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	3.91 ng/ul	380223	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





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Quant Title : SVOA CALIBRATION

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

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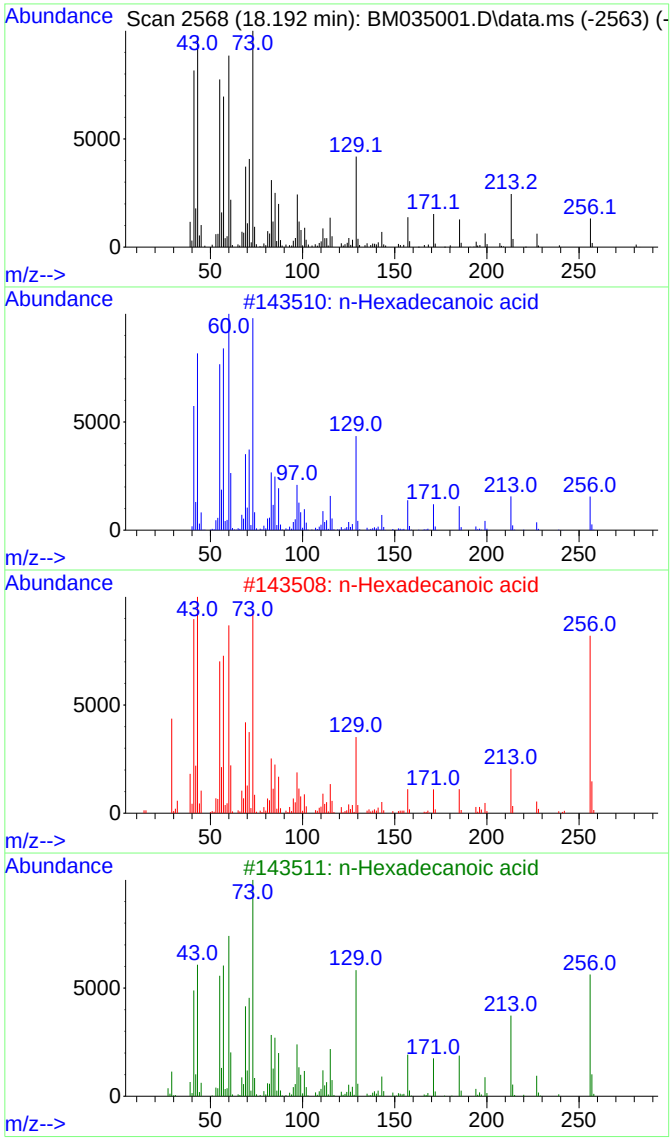
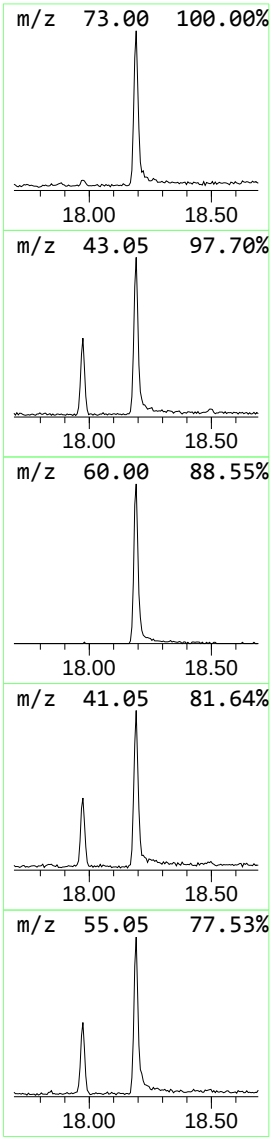
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.40 ng/ul	361488	Phenanthrene-d10	17.292

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Instrument :
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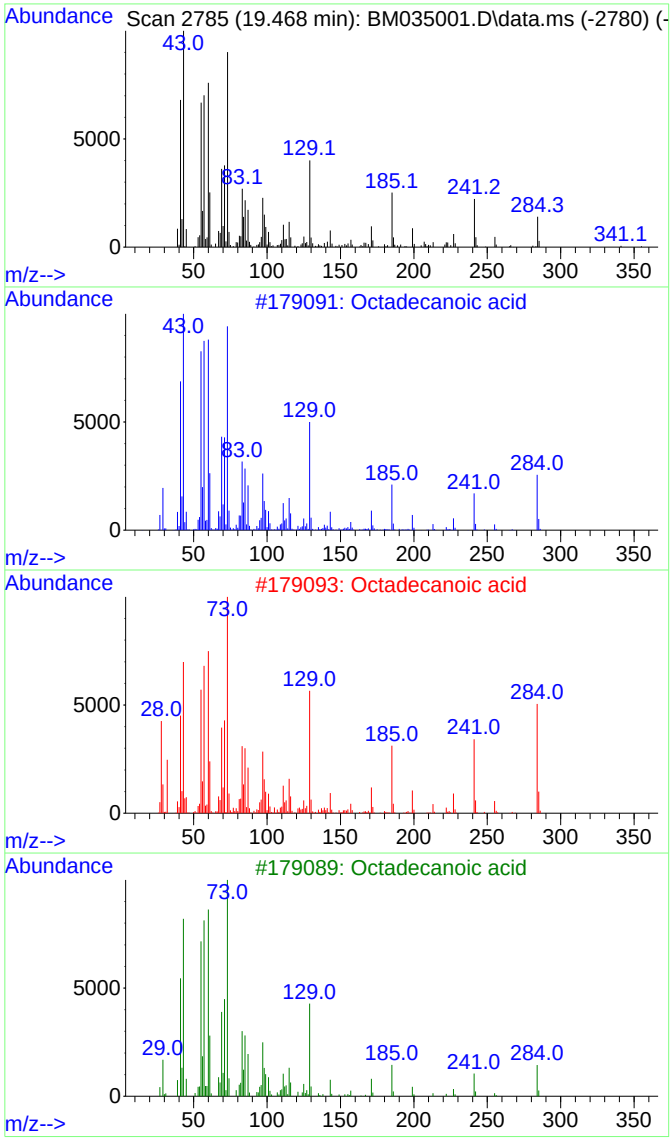
Quant Title : SVOA CALIBRATION

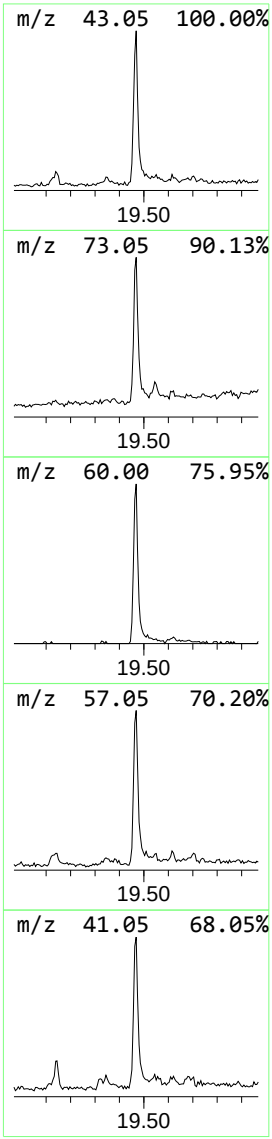
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	2.61 ng/ul	301195	Chrysene-d12	21.468

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





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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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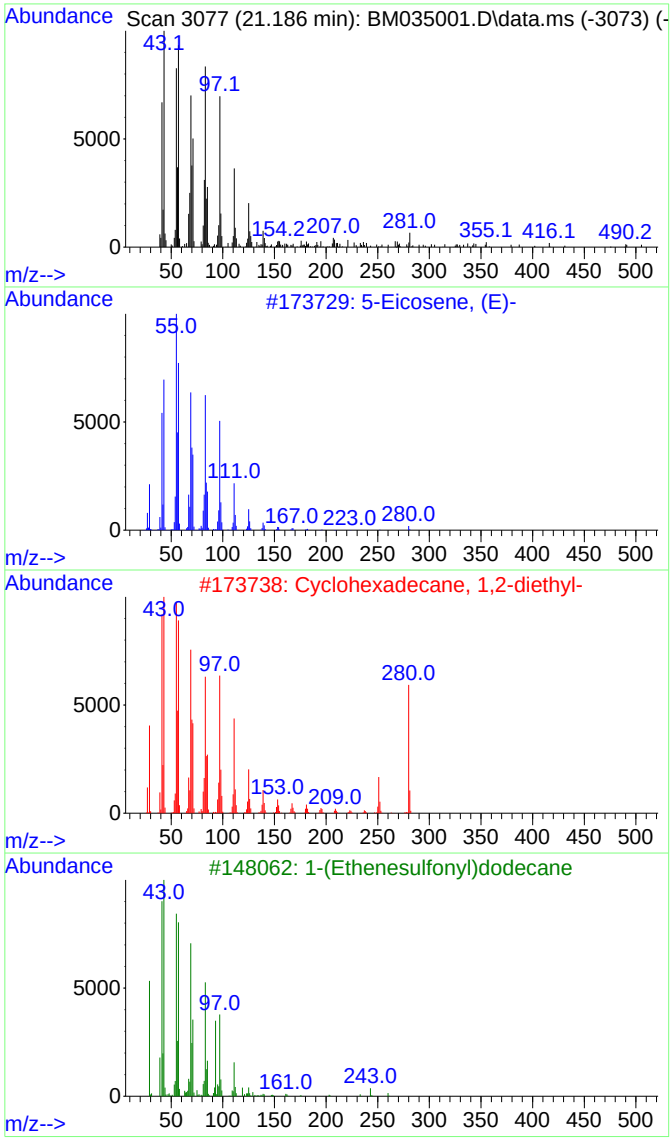
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION

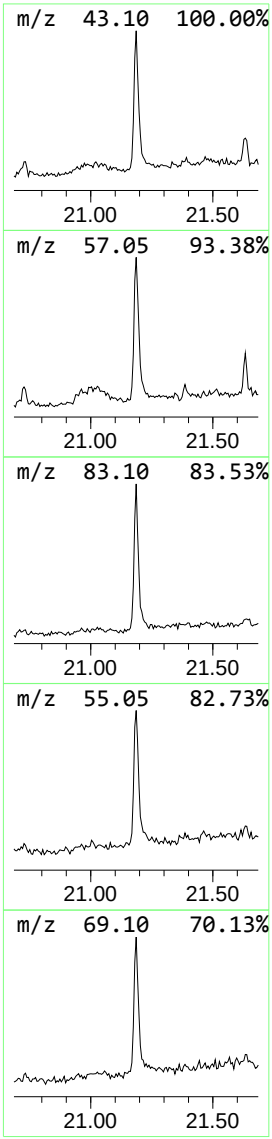
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	2.10 ng/ul	242546	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
3	1-(Ethenesulfonyl)dodecane	260	C14H28O2S	030719-66-5	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecanoic acid	14.974	3.9	ng/ul	380223	3	14.551	1946710	20.0
n-Hexadecanoic ...	18.192	3.4	ng/ul	361488	4	17.292	2126560	20.0
Octadecanoic acid	19.468	2.6	ng/ul	301195	5	21.468	2306270	20.0
(DEL) Alkane: S...	21.186	2.1	ng/ul	242546	5	21.468	2306270	20.0