LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
Data File : BP017965.D
Acq On : 08 Nov 2023 16:52
Operator : MA/JU
Sample : 05013-12
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A49C1

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_P\Methods\SFAM-EPA-BP110623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	22	26	31	rVB	17361	20854	0.86%	0.103%
2	3.681	97	101	113	rBV	68038	130121	5.37%	0.640%
3	3.858	126	131	134	rVB4	5686	9115	0.38%	0.045%
4	3.970	147	150	157	rVB	10425	16332	0.67%	0.080%
5	4.022	157	159	164	rVB6	1969	2911	0.12%	0.014%
6	5.958	483	488	490	rBV6	2372	3698	0.15%	0.018%
7	6.428	564	568	571	rBV5	2990	4187	0.17%	0.021%
8	6.540	584	587	592	rVB7	1418	2470	0.10%	0.012%
9	6.787	628	629	636	rVB7	2535	3942	0.16%	0.019%
10	7.022	663	669	685	rBV	40363	97581	4.03%	0.480%
11	7.199	693	699	709	rBV	242895	385584	15.91%	1.897%
12	7.375	722	729	742	rBV	233820	408252	16.85%	2.008%
13	7.852	802	810	823	rBV	238708	398171	16.43%	1.959%
14	8.228	870	874	878	rBV6	1988	3370	0.14%	0.017%
15	8.575	925	933	953	rBV2	155134	312781	12.91%	1.539%
16	9.052	1007	1014	1029	rBV	304170	544132	22.45%	2.677%
17	9.234	1040	1045	1046	rBV5	2388	3224	0.13%	0.016%
18	9.769	1128	1136	1153	rBV	249447	461183	19.03%	2.269%
19	10.204	1207	1210	1214	rBV6	1653	2465	0.10%	0.012%
20	10.293	1218	1225	1245	rBV	323323	654755	27.02%	3.221%
21	10.669	1281	1289	1297	rBV	328400	550265	22.71%	2.707%
22	10.846	1312	1319	1339	rBV	285840	612270	25.26%	3.012%
23	12.140	1537	1539	1542	rVB4	2292	2772	0.11%	0.014%
24	12.193	1542	1548	1550	rBV6	2350	4041	0.17%	0.020%
25	12.275	1553	1562	1571	rVV9	4470	12115	0.50%	0.060%
26	13.263	1728	1730	1736	rVB7	2293	3697	0.15%	0.018%
27	13.357	1741	1746	1752	rVB7	5173	9533	0.39%	0.047%
28	13.940	1837	1845	1859	rBV	874172	1229042	50.71%	6.046%
29	14.216	1885	1892	1902	rBV	849002	1258125	51.91%	6.189%
30	14.516	1937	1943	1952	rVV	484464	736639	30.40%	3.624%
31	14.828	1988	1996	2004	rBV6	13548	42178	1.74%	0.207%
32	14.904	2007	2009	2015	rVB6	4908	8949	0.37%	0.044%
33	15.516	2107	2113	2131	rBV	1106727	1671075	68.95%	8.220%
34	15.669	2133	2139	2151	rVV	343663	543750	22.44%	2.675%
35	15.763	2153	2155	2162	rVB7	8026	10824	0.45%	0.053%
36	16.310	2245	2248	2250	rVB4	2185	2434	0.10%	0.012%

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37	16.434	2267	2269	2272	rBV4	2383	2475	0.10%	0.012%
38	16.651	2303	2306	2310	rBV6	5025	7776	0.32%	0.038%
39	17.175	2392	2395	2398	rVB4	3382	3330	0.14%	0.016%
40	17.292	2409	2415	2426	rBV	652623	915410	37.77%	4.503%
41	17.392	2426	2432	2450	rVV2	1342632	1915343	79.03%	9.422%
42	17.922	2518	2522	2530	rBV10	4956	7354	0.30%	0.036%
43	18.022	2537	2539	2547	rVB9	4259	8163	0.34%	0.040%
44	18.139	2554	2559	2572	rBV2	118115	187518	7.74%	0.922%
45	18.539	2624	2627	2630	rBV5	4252	5692	0.23%	0.028%
46	19.216	2738	2742	2745	rBV3	19516	27465	1.13%	0.135%
47	19.280	2747	2753	2760	rVV3	20673	49575	2.05%	0.244%
48	19.380	2766	2770	2776	rBV2	71941	99941	4.12%	0.492%
49	19.516	2791	2793	2797	rVB4	9813	8329	0.34%	0.041%
50	19.645	2809	2815	2823	rBV	1981965	2423515	100.00%	11.921%
51	21.086	3056	3060	3070	rBV8	55448	129521	5.34%	0.637%
52	21.416	3111	3116	3122	rBV	712926	965149	39.82%	4.748%
53	23.733	3502	3510	3520	rVB2	1218311	2409945	99.44%	11.855%
54	23.898	3532	3538	3549	rVB	499908	999679	41.25%	4.917%

Sum of corrected areas: 20329017

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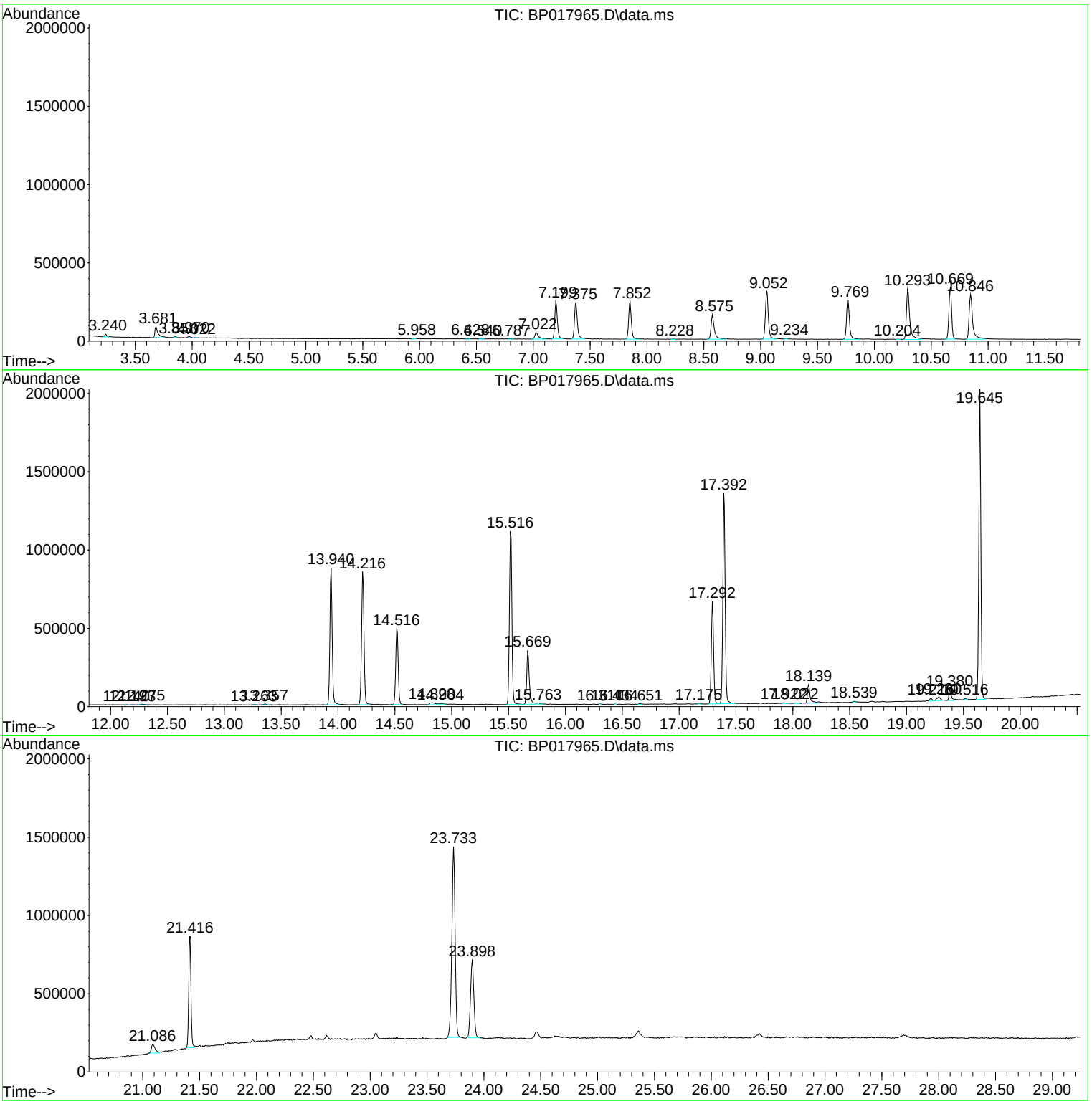
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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



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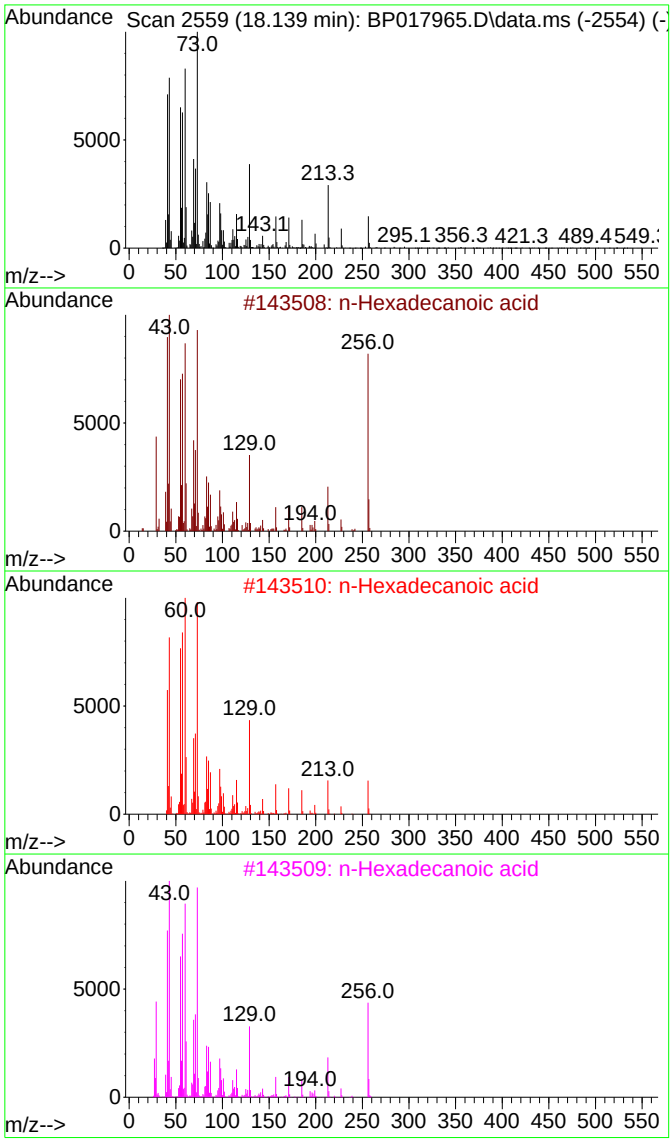
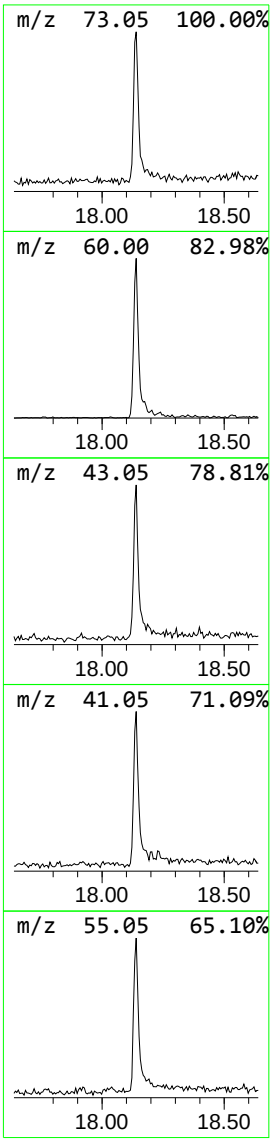
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	4.10 ng/ul	187518	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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

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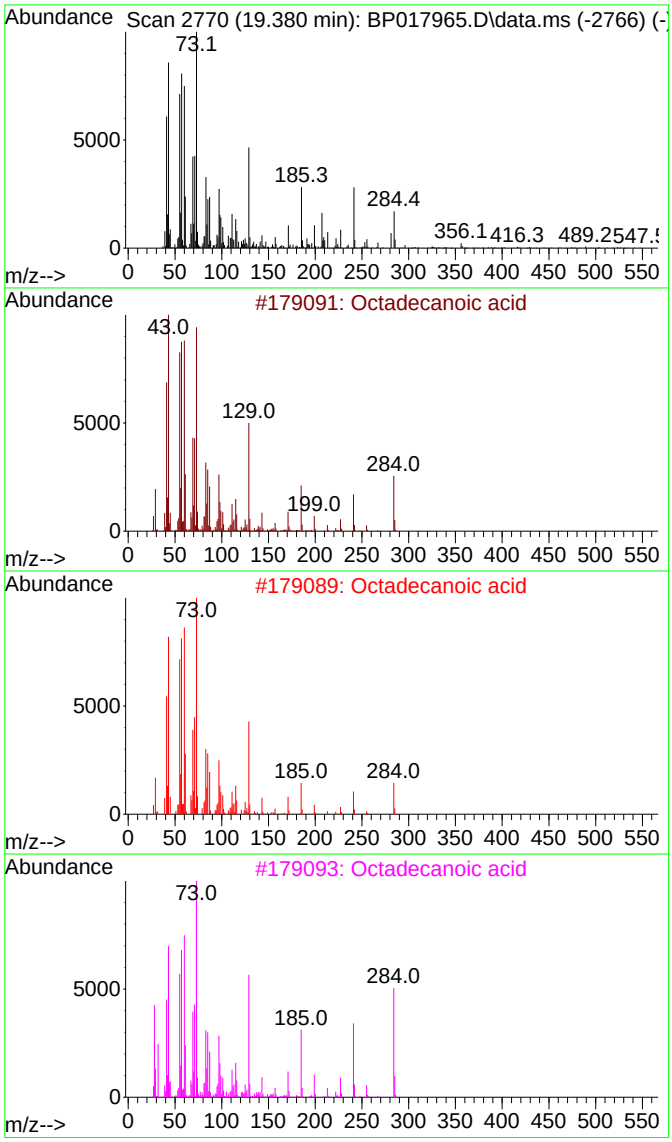
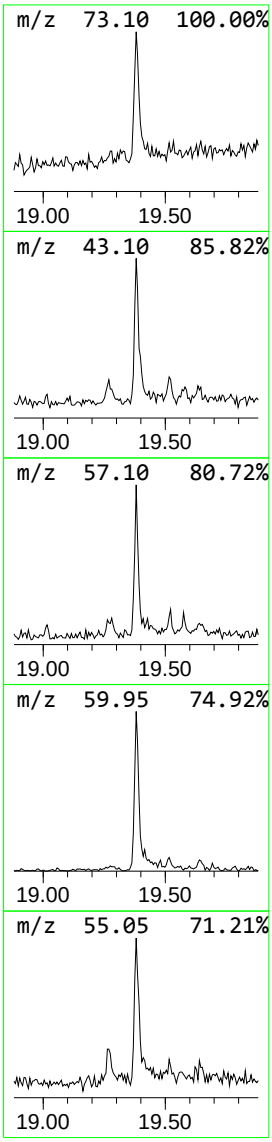
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.381	2.07 ng/ul	99941	Chrysene-d12	21.416

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION

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

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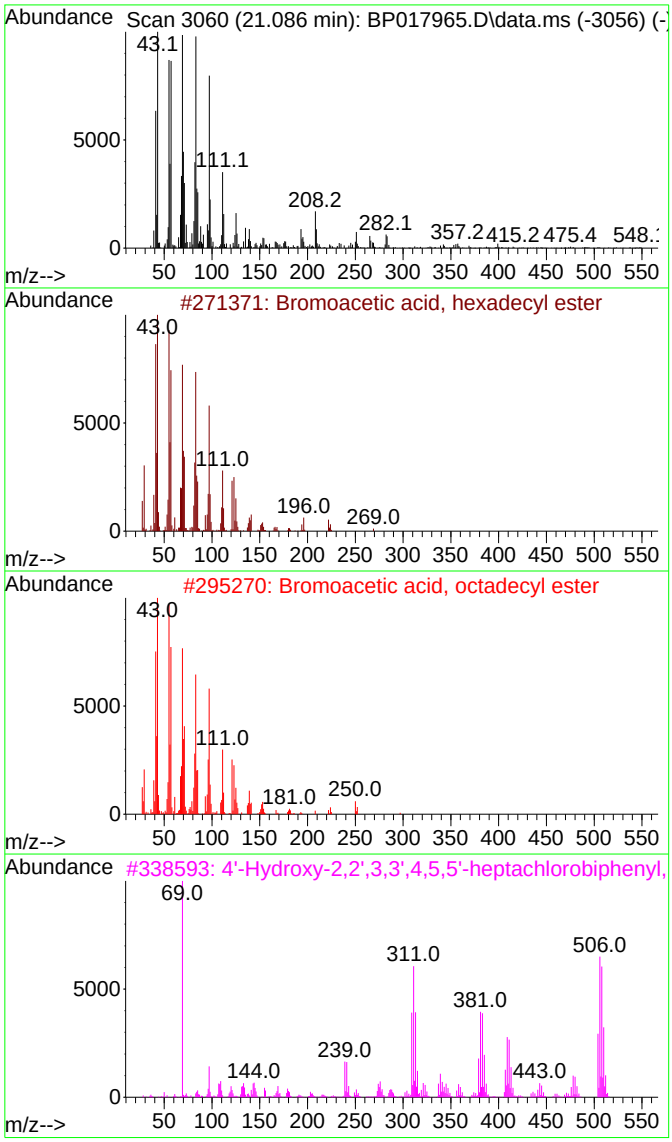
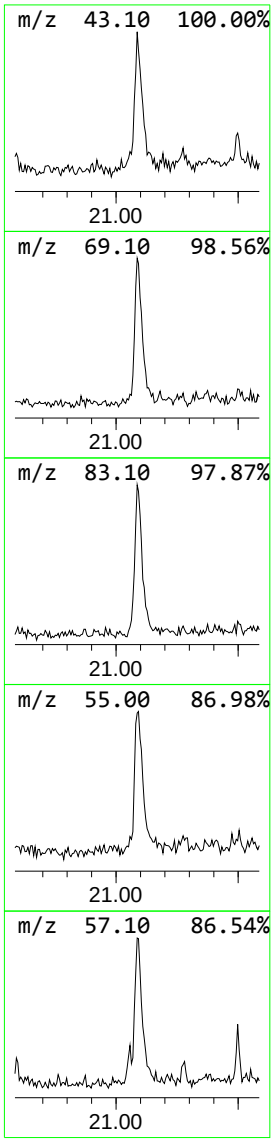
Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.68 ng/ul	129521	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3	4'-Hydroxy-2,2',3,3',4,5,5'-hept...	504	C14H2Cl7F3O2	1000448-02-6	90
4	Isoheptadecanol	256	C17H36O	057289-07-3	87
5	1-Octadecene	252	C18H36	000112-88-9	83





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
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
n-Hexadecanoic ...	18.139	4.1	ng/ul	187518	4	17.292	915410	20.0
Octadecanoic acid	19.381	2.1	ng/ul	99941	5	21.416	965149	20.0
Bromoacetic aci...	21.086	2.7	ng/ul	129521	5	21.416	965149	20.0