LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059526.D
Acq On : 28 Oct 2023 17:56
Operator : MA/JU
Sample : 04925-20
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY6

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_G\Methods\SFAM-EPA-BG102723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059526.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.832	73	75	77	rBV3	8011	5734	0.31%	0.032%
2	3.973	95	99	101	rVB4	7871	7636	0.41%	0.043%
3	4.090	117	119	122	rBV3	8696	10891	0.58%	0.062%
4	4.878	252	253	257	rBV3	4931	5899	0.31%	0.033%
5	5.371	332	337	341	rBV	30013	51108	2.73%	0.289%
6	5.665	386	387	392	rVB3	4826	6275	0.33%	0.035%
7	6.176	471	474	476	rBV4	7155	8395	0.45%	0.047%
8	6.411	513	514	520	rBV2	5260	7807	0.42%	0.044%
9	6.540	532	536	537	rBV3	3920	5254	0.28%	0.030%
10	6.593	542	545	548	rBV2	3715	5230	0.28%	0.030%
11	6.687	558	561	562	rBV2	6008	5607	0.30%	0.032%
12	7.046	620	622	624	rBV3	6375	5425	0.29%	0.031%
13	7.075	624	627	630	rBV3	4320	6265	0.33%	0.035%
14	7.463	686	693	704	rVB2	221536	421874	22.50%	2.384%
15	7.680	725	730	738	rVB	189266	333801	17.80%	1.886%
16	7.874	756	763	773	rBV	258269	467608	24.93%	2.642%
17	8.362	840	846	853	rVB	304080	521384	27.80%	2.946%
18	8.526	871	874	875	rBV2	7279	7651	0.41%	0.043%
19	8.579	882	883	887	rBV3	5992	6553	0.35%	0.037%
20	8.673	896	899	901	rBV2	9396	8984	0.48%	0.051%
21	8.791	917	919	922	rBV3	6411	6590	0.35%	0.037%
22	8.908	938	939	942	rBV3	5355	5375	0.29%	0.030%
23	9.037	955	961	968	rVV2	291223	514242	27.42%	2.906%
24	9.090	968	970	974	rVB3	6255	6973	0.37%	0.039%
25	9.202	981	989	994	rBV3	19145	43428	2.32%	0.245%
26	9.319	1007	1009	1011	rBV3	7456	7162	0.38%	0.040%
27	9.560	1043	1050	1057	rVB	247013	442400	23.59%	2.500%
28	10.042	1129	1132	1134	rBV2	3777	5602	0.30%	0.032%
29	10.283	1165	1173	1179	rBV3	163290	308409	16.45%	1.743%
30	10.536	1213	1216	1217	rBV2	6234	5533	0.30%	0.031%
31	10.618	1228	1230	1232	rBV2	5774	5579	0.30%	0.032%
32	10.718	1246	1247	1253	rBV4	6237	7645	0.41%	0.043%
33	10.800	1253	1261	1268	rVV	323494	584486	31.17%	3.303%
34	11.211	1322	1331	1340	rBV	435267	815548	43.49%	4.608%
35	11.352	1348	1355	1365	rBV2	133415	270843	14.44%	1.530%
36	12.004	1465	1466	1470	rBV	5986	5605	0.30%	0.032%

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Integration Parameters: LSCINT.P
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Title : SVOA CALIBRATION

37	12.269	1508	1511	1512	rBV	5515	6042	0.32%	0.034%
38	12.639	1572	1574	1578	rVB2	5881	6091	0.32%	0.034%
39	12.762	1591	1595	1601	rBV2	14843	24282	1.29%	0.137%
40	13.638	1741	1744	1746	rVB	5955	5735	0.31%	0.032%
41	13.826	1770	1776	1783	rVB3	36757	71328	3.80%	0.403%
42	14.384	1865	1871	1877	rVB	664641	956056	50.98%	5.402%
43	14.578	1901	1904	1905	rBV2	7956	7771	0.41%	0.044%
44	14.690	1916	1923	1930	rBV	745666	1198428	63.90%	6.772%
45	14.989	1967	1974	1981	rVB	658705	1049218	55.95%	5.928%
46	15.142	1995	2000	2006	rBV3	65182	116286	6.20%	0.657%
47	15.330	2028	2032	2038	rBV5	43959	68374	3.65%	0.386%
48	15.694	2089	2094	2100	rBV3	21756	46295	2.47%	0.262%
49	15.976	2136	2142	2149	rVB	951146	1412348	75.31%	7.980%
50	16.070	2154	2158	2165	rVB2	116910	170191	9.07%	0.962%
51	17.563	2409	2412	2418	rVB2	159843	212787	11.35%	1.202%
52	17.739	2437	2442	2449	rVB	795649	1275355	68.00%	7.206%
53	17.839	2454	2459	2465	rVB	958690	1468095	78.28%	8.295%
54	18.573	2579	2584	2593	rBV	774840	1086128	57.91%	6.137%
55	20.107	2841	2845	2855	rVB	1120169	1707023	91.02%	9.645%
56	21.634	3101	3105	3116	rVB2	1165245	1875395	100.00%	10.597%

Sum of corrected areas: 17698029

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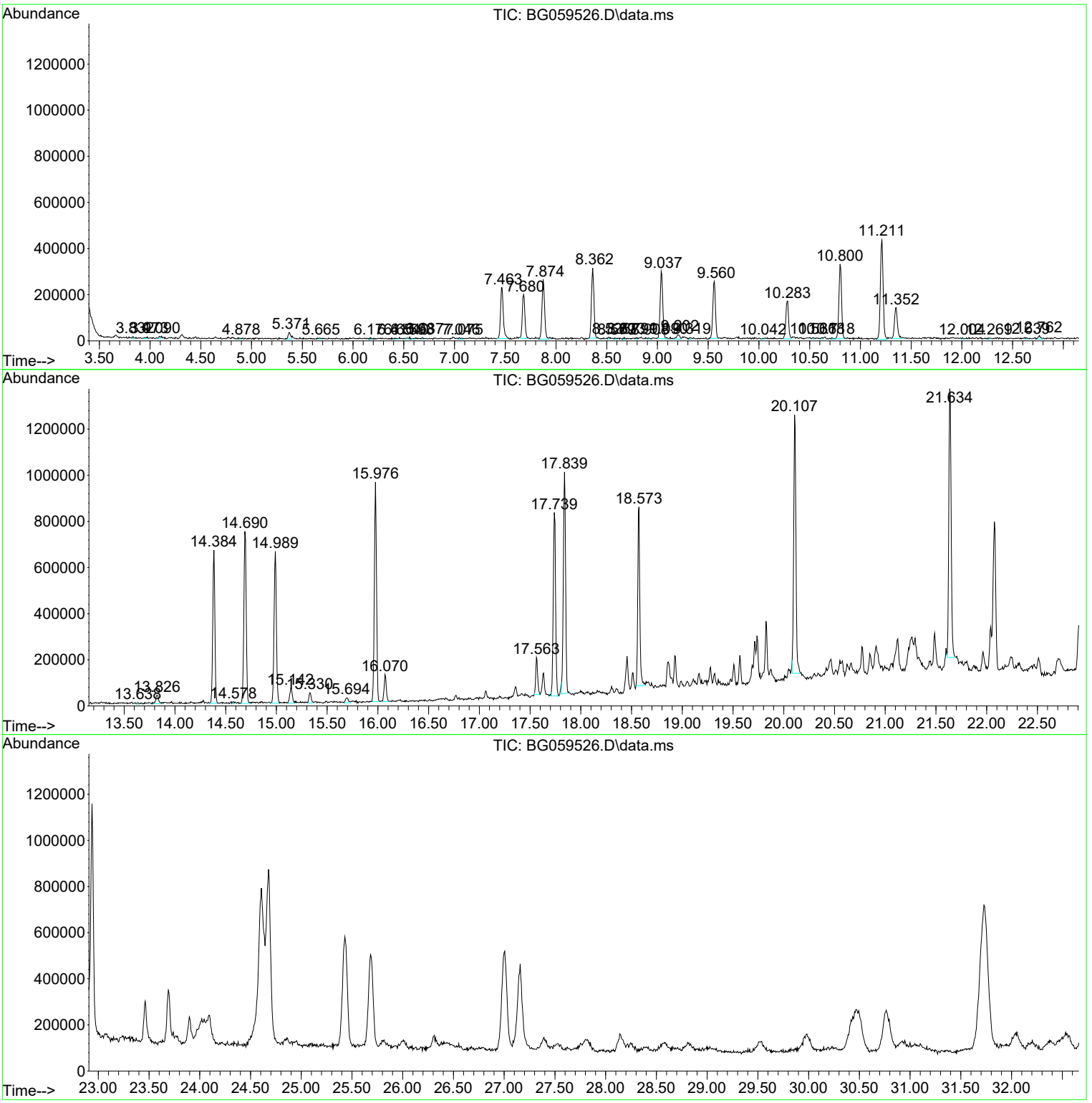
Instrument :
BNA_G
ClientSampleId :
GCCY6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.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
TIC Integration Parameters: LSCINT.P

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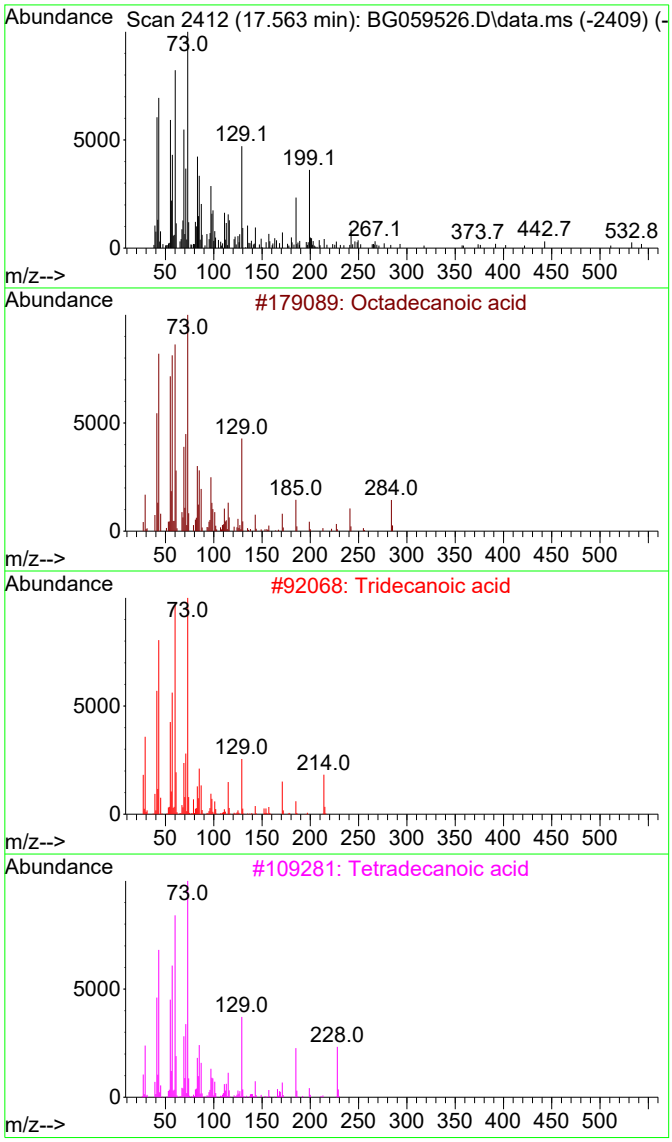
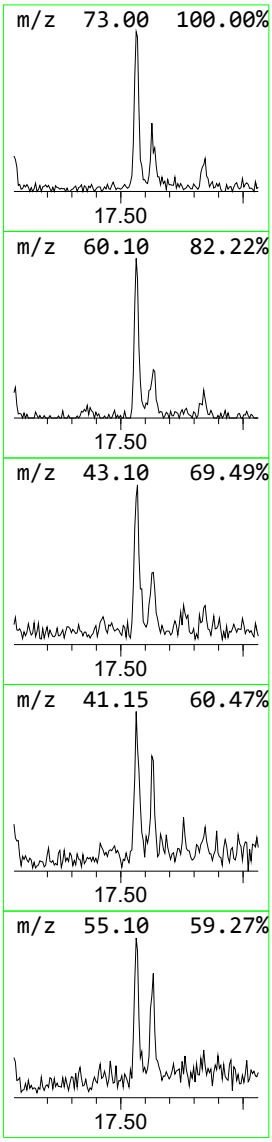
Peak Number 1 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.563	3.34 ng/ul	212787	Phenanthrene-d10	17.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

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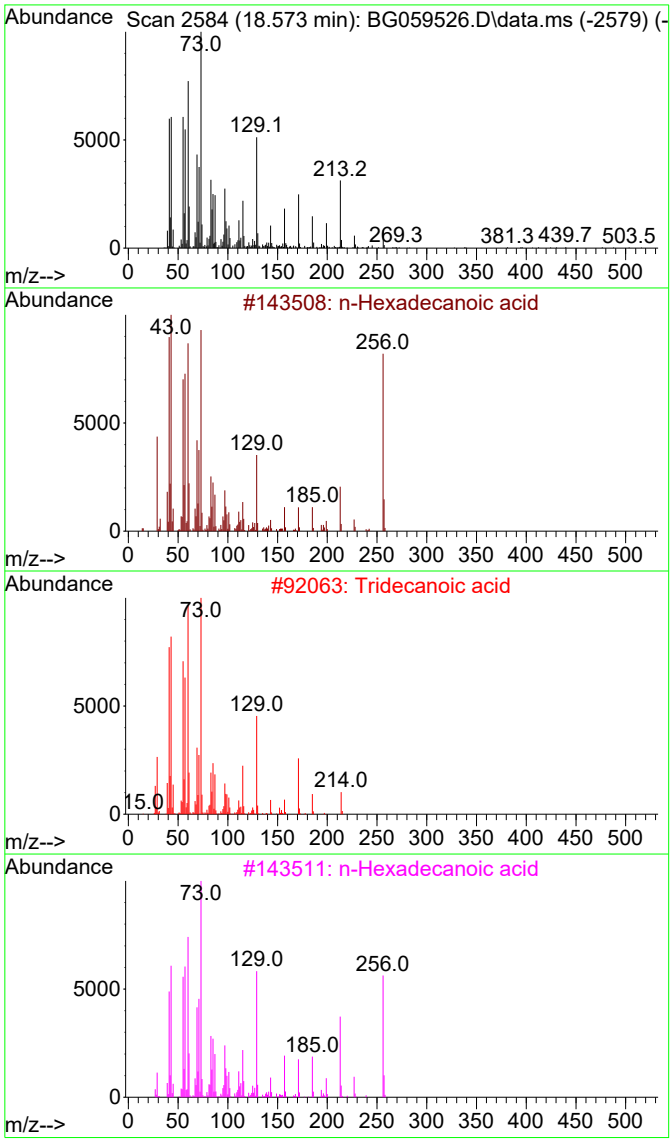
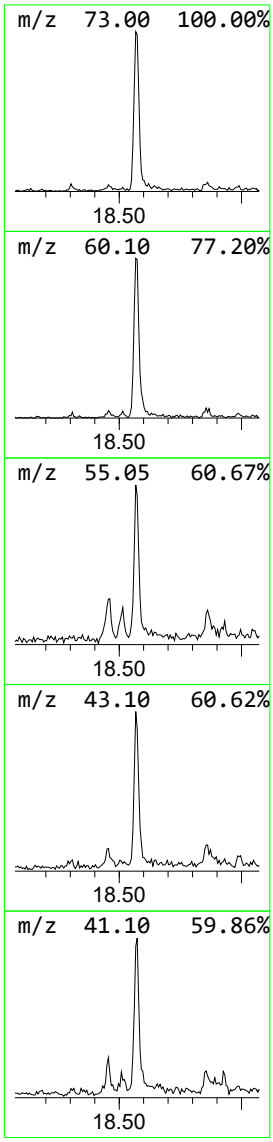
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.573	17.03 ng/ul	1086130	Phenanthrene-d10	17.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

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

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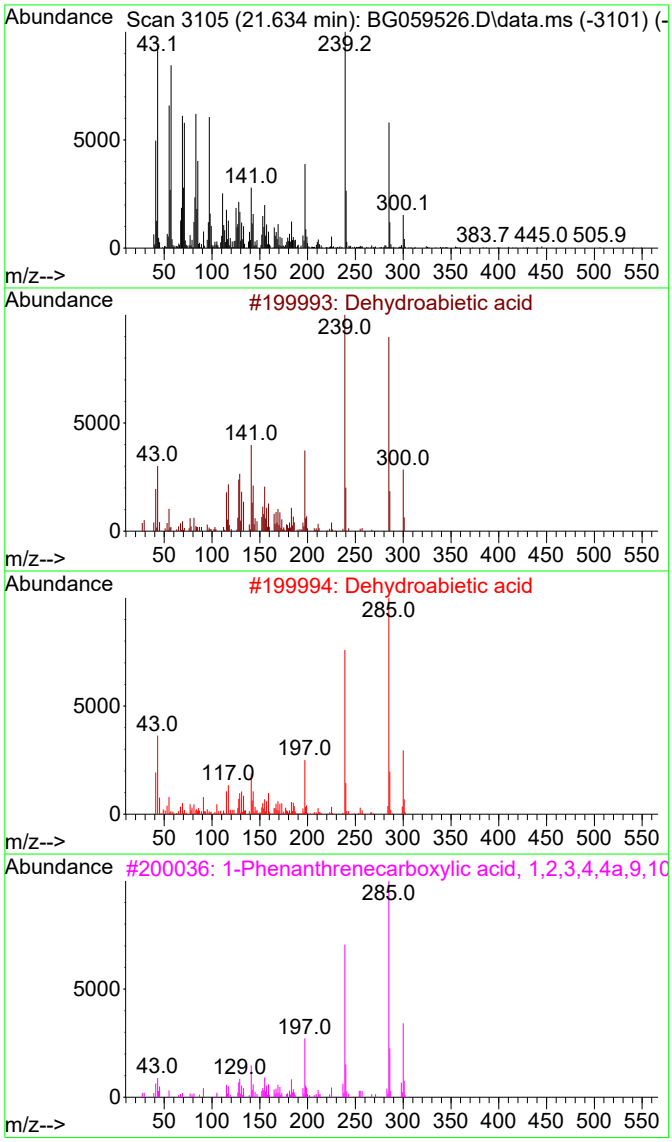
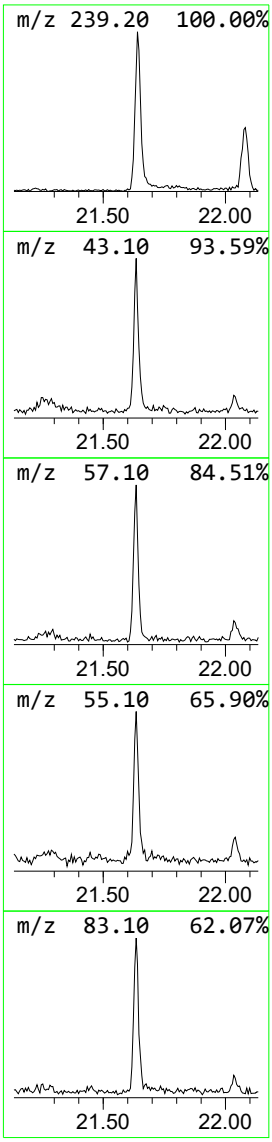
Peak Number 3 Dehydroabietic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.634	20.00 ng/ul	1875400	Chrysene-d12	22.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	96
2	Dehydroabietic acid	300	C20H28O2	001740-19-8	83
3	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	83
4	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	45
5	Dehydroabietic acid	300	C20H28O2	001740-19-8	42





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.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
Octadecanoic acid	17.563	3.3	ng/ul	212787	4	17.739	1275360	20.0
n-Hexadecanoic ...	18.573	17.0	ng/ul	1086130	4	17.739	1275360	20.0
Dehydroabietic ...	21.634	20.0	ng/ul	1875400	5	22.075	1875400	20.0