LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059535.D
Acq On : 29 Oct 2023 00:48
Operator : MA/JU
Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

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: BG059535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.657	45	46	49	rVB3	12470	9092	0.82%	0.070%
2	3.798	68	70	71	rVB2	8102	3459	0.31%	0.027%
3	4.098	117	121	129	rBV2	25444	43427	3.94%	0.334%
4	4.791	235	239	240	rBV2	5071	6630	0.60%	0.051%
5	4.909	257	259	261	rBV	4734	5272	0.48%	0.041%
6	4.991	271	273	275	rBV	4407	3557	0.32%	0.027%
7	5.026	277	279	282	rBV2	5677	4191	0.38%	0.032%
8	5.097	289	291	295	rVB3	5049	3716	0.34%	0.029%
9	5.373	334	338	344	rVB	22583	39313	3.56%	0.303%
10	5.490	356	358	360	rBV3	5795	4328	0.39%	0.033%
11	5.555	368	369	371	rVB2	5822	3387	0.31%	0.026%
12	5.790	405	409	411	rVB2	4027	4262	0.39%	0.033%
13	5.937	432	434	437	rBV4	5297	6052	0.55%	0.047%
14	6.131	464	467	468	rVB	4798	4203	0.38%	0.032%
15	6.160	468	472	473	rBV	9937	8175	0.74%	0.063%
16	6.225	482	483	485	rBV	5257	4003	0.36%	0.031%
17	6.301	495	496	499	rBV2	5000	5361	0.49%	0.041%
18	6.442	518	520	522	rVB2	7533	6388	0.58%	0.049%
19	6.507	527	531	532	rBV2	5697	4437	0.40%	0.034%
20	6.589	543	545	547	rVB2	4981	3523	0.32%	0.027%
21	6.607	547	548	549	rBV2	7209	3328	0.30%	0.026%
22	6.771	575	576	580	rBV3	5083	5193	0.47%	0.040%
23	6.830	583	586	587	rBV	3803	3409	0.31%	0.026%
24	6.930	601	603	605	rBV2	4572	4108	0.37%	0.032%
25	7.141	638	639	644	rVB	4378	4342	0.39%	0.033%
26	7.235	654	655	657	rBV2	5976	3995	0.36%	0.031%
27	7.306	665	667	669	rBV	7438	5503	0.50%	0.042%
28	7.470	687	695	708	rVB2	162198	316459	28.68%	2.436%
29	7.676	725	730	740	rVB	119662	204614	18.55%	1.575%
30	7.741	740	741	743	rVB	7475	4447	0.40%	0.034%
31	7.870	757	763	777	rBV	170541	316056	28.65%	2.433%
32	8.222	821	823	826	rVB	6527	5531	0.50%	0.043%
33	8.258	826	829	830	rBV	3674	3906	0.35%	0.030%
34	8.293	834	835	836	rBV	7621	3163	0.29%	0.024%
35	8.363	841	847	854	rVB2	250792	442987	40.15%	3.410%
36	8.528	872	875	876	rBV	6558	5732	0.52%	0.044%

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Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GCCY0

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

37	8.575	882	883	886	rBV	4382	5114	0.46%	0.039%
38	8.604	886	888	889	rVB	5779	3428	0.31%	0.026%
39	8.757	912	914	915	rBV	3600	3339	0.30%	0.026%
40	9.039	956	962	972	rVV	199549	335918	30.45%	2.586%
41	9.127	975	977	979	rVB	5363	4526	0.41%	0.035%
42	9.151	979	981	984	rBV	6470	8743	0.79%	0.067%
43	9.204	985	990	996	rVV	42742	82710	7.50%	0.637%
44	9.274	1000	1002	1004	rVV3	6742	4441	0.40%	0.034%
45	9.292	1004	1005	1010	rVB5	6068	6182	0.56%	0.048%
46	9.462	1032	1034	1035	rVB	8815	4876	0.44%	0.038%
47	9.480	1035	1037	1038	rBV	5976	5307	0.48%	0.041%
48	9.556	1044	1050	1059	rVB	153227	262806	23.82%	2.023%
49	9.650	1064	1066	1068	rBV	6513	6492	0.59%	0.050%
50	9.738	1079	1081	1082	rBV2	5474	3352	0.30%	0.026%
51	9.756	1082	1084	1085	rBV2	4159	3242	0.29%	0.025%
52	9.991	1122	1124	1128	rBV	5334	7727	0.70%	0.059%
53	10.097	1140	1142	1144	rVB	7198	6619	0.60%	0.051%
54	10.149	1150	1151	1155	rBV	5853	5639	0.51%	0.043%
55	10.208	1159	1161	1165	rBV4	4066	3722	0.34%	0.029%
56	10.279	1165	1173	1179	rBV2	119800	223572	20.26%	1.721%
57	10.349	1180	1185	1187	rBV3	13533	18252	1.65%	0.141%
58	10.526	1213	1215	1218	rVB2	8204	6772	0.61%	0.052%
59	10.596	1225	1227	1228	rBV2	7480	4097	0.37%	0.032%
60	10.672	1238	1240	1242	rBV	4627	4588	0.42%	0.035%
61	10.802	1256	1262	1271	rVB2	220060	392856	35.61%	3.025%
62	10.866	1271	1273	1275	rBV	3957	3359	0.30%	0.026%
63	10.990	1293	1294	1296	rVB	6913	3613	0.33%	0.028%
64	11.007	1296	1297	1299	rBV	6548	4863	0.44%	0.037%
65	11.207	1324	1331	1339	rBV	367522	645448	58.50%	4.969%
66	11.348	1348	1355	1364	rBV	147086	289511	26.24%	2.229%
67	11.483	1376	1378	1382	rBV3	4523	5544	0.50%	0.043%
68	11.554	1388	1390	1392	rBV	7739	5688	0.52%	0.044%
69	11.677	1409	1411	1413	rBV2	7114	7354	0.67%	0.057%
70	11.695	1413	1414	1415	rBV2	6365	3484	0.32%	0.027%
71	11.983	1461	1463	1464	rBV2	6132	3790	0.34%	0.029%
72	12.130	1486	1488	1491	rBV3	6350	6607	0.60%	0.051%
73	12.517	1551	1554	1557	rBV4	14686	18020	1.63%	0.139%
74	12.605	1567	1569	1572	rBV2	4987	4749	0.43%	0.037%
75	12.641	1573	1575	1578	rBV	4790	4796	0.43%	0.037%
76	12.793	1599	1601	1604	rBV3	5968	4804	0.44%	0.037%

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Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

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

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Peak separation: 5

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

77	13.169	1664	1665	1666	rBV	6520	3164	0.29%	0.024%
78	13.404	1701	1705	1708	rBV3	6421	9388	0.85%	0.072%
79	13.745	1760	1763	1769	rVB3	18783	31274	2.83%	0.241%
80	13.822	1769	1776	1781	rBV3	23027	47335	4.29%	0.364%
81	14.268	1850	1852	1853	rBV2	5312	4612	0.42%	0.036%
82	14.380	1866	1871	1877	rVB	408044	593234	53.77%	4.567%
83	14.621	1910	1912	1913	rBV2	6991	3183	0.29%	0.025%
84	14.691	1916	1924	1931	rBV	459411	770275	69.82%	5.930%
85	14.985	1968	1974	1984	rVB2	555124	908635	82.36%	6.995%
86	15.050	1984	1985	1988	rBV3	6983	7178	0.65%	0.055%
87	15.144	1995	2001	2008	rBV2	165615	272735	24.72%	2.100%
88	15.755	2103	2105	2112	rVB6	31750	35158	3.19%	0.271%
89	15.972	2136	2142	2150	rVB	576380	897662	81.36%	6.911%
90	16.072	2154	2159	2164	rVV3	124722	184679	16.74%	1.422%
91	16.307	2198	2199	2200	rBV	8965	3720	0.34%	0.029%
92	16.618	2249	2252	2259	rVB5	31617	55596	5.04%	0.428%
93	17.558	2409	2412	2419	rVB7	48810	67624	6.13%	0.521%
94	17.741	2437	2443	2450	rVB	705151	1091704	98.95%	8.405%
95	17.835	2454	2459	2465	rVV	623216	940696	85.26%	7.242%
96	18.563	2579	2583	2594	rBV2	337533	456431	41.37%	3.514%
97	19.821	2794	2797	2803	rBV4	126396	174366	15.80%	1.342%
98	20.108	2841	2846	2857	rVB	749847	1103273	100.00%	8.494%
99	21.630	3101	3105	3111	rVB2	286996	380274	34.47%	2.928%
100	22.071	3176	3180	3188	rVB	583845	1015295	92.03%	7.817%

Sum of corrected areas: 12988990

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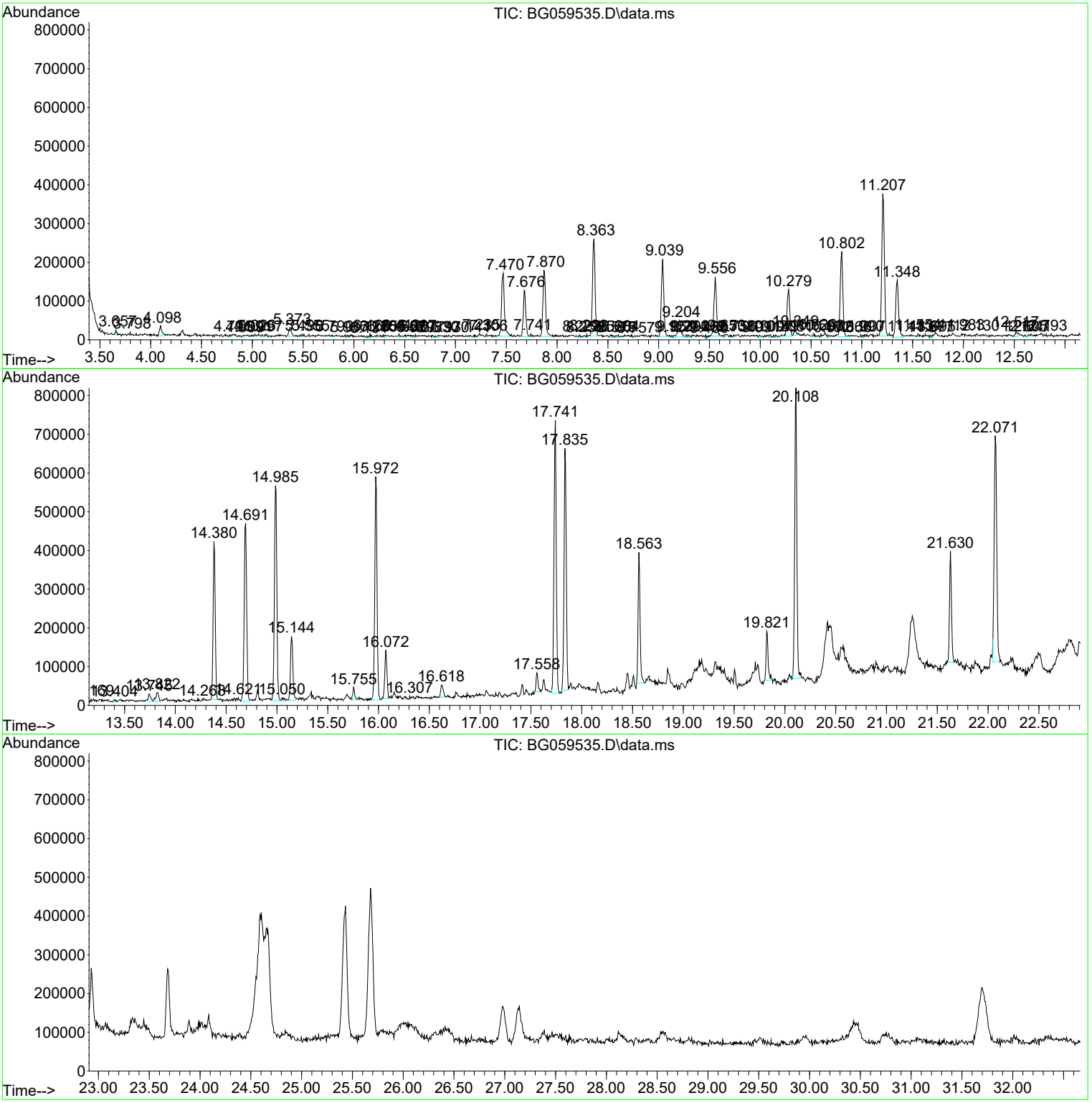
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
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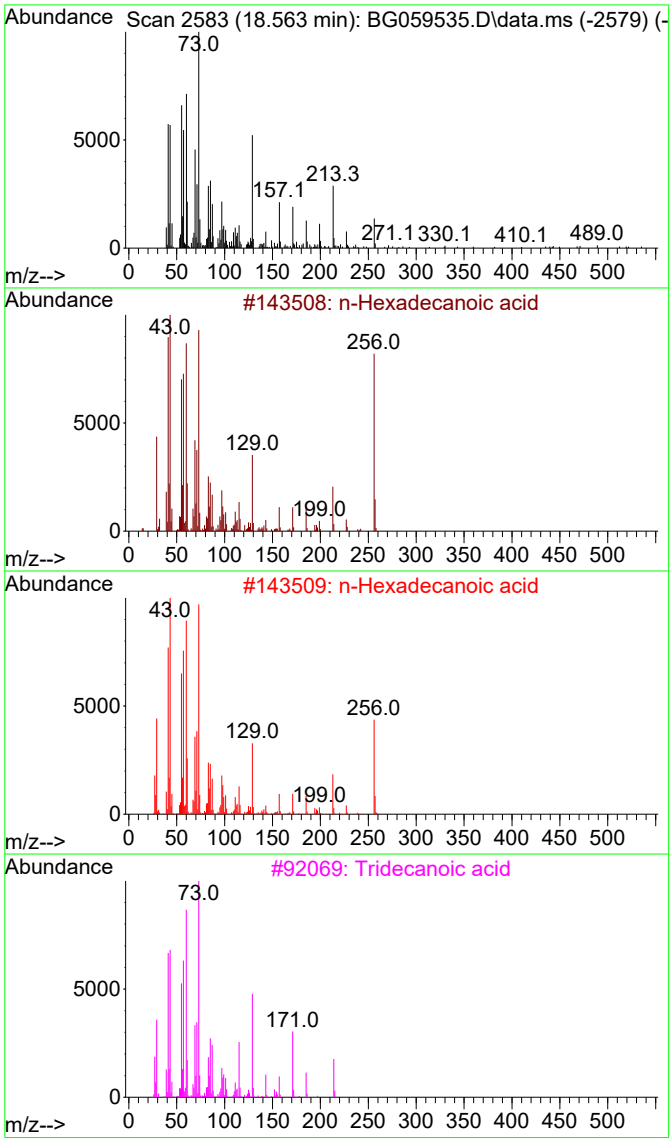
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

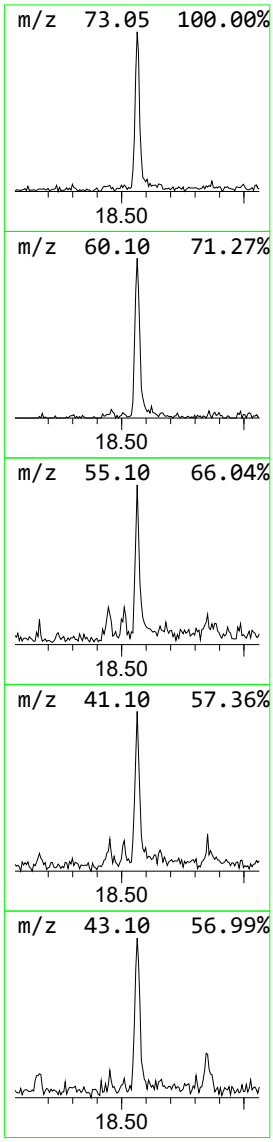
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	8.36 ng/ul	456431	Phenanthrene-d10	17.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059535.D
Acq On : 29 Oct 2023 00:48
Operator : MA/JU
Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

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

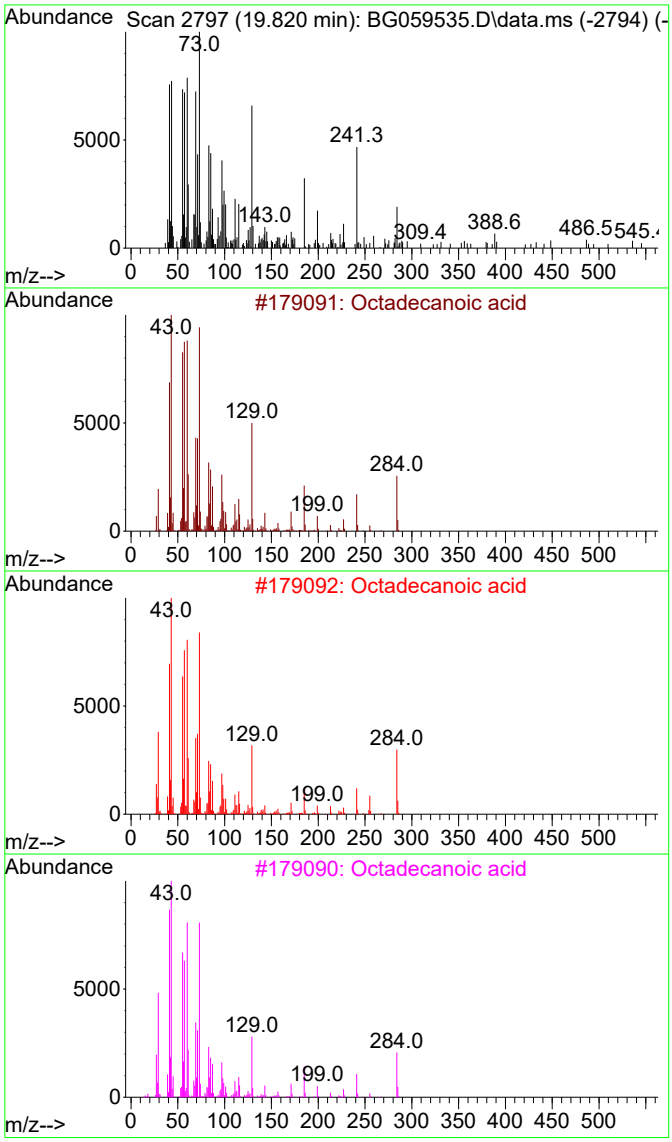
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

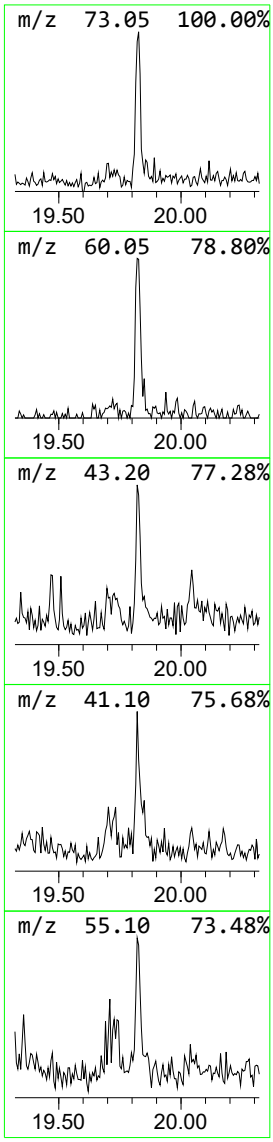
****

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.820	3.19 ng/ul	174366	Phenanthrene-d10	17.741

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Octadecanoic acid	284	C18H36O2	000057-11-4	70
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Acq On : 29 Oct 2023 00:48
Operator : MA/JU
Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

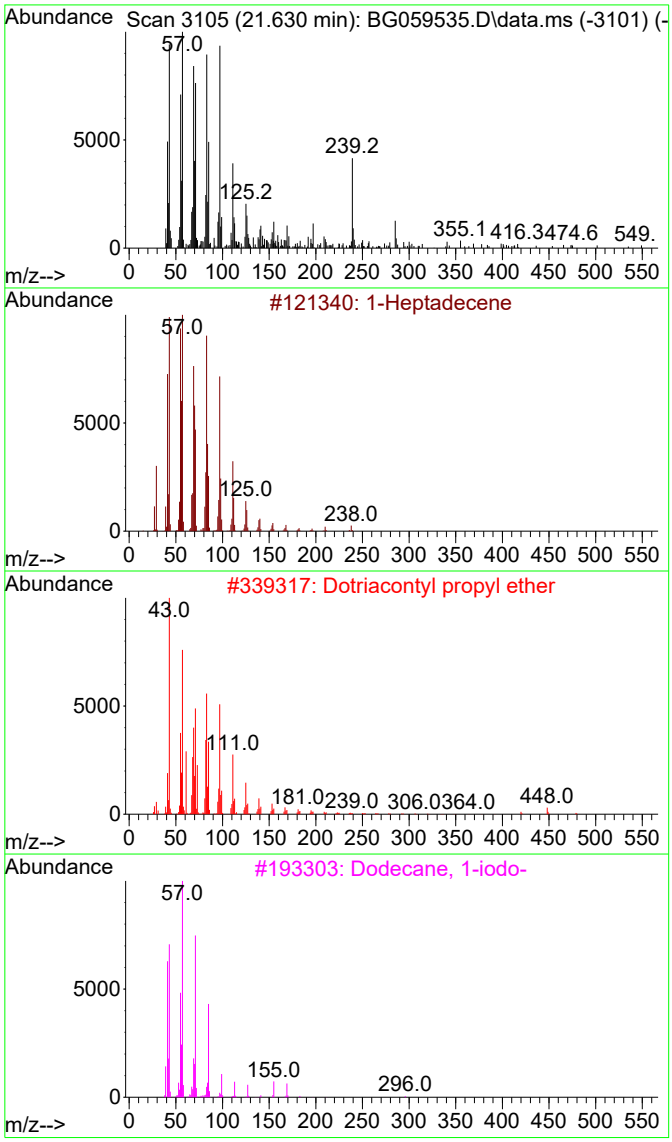
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION

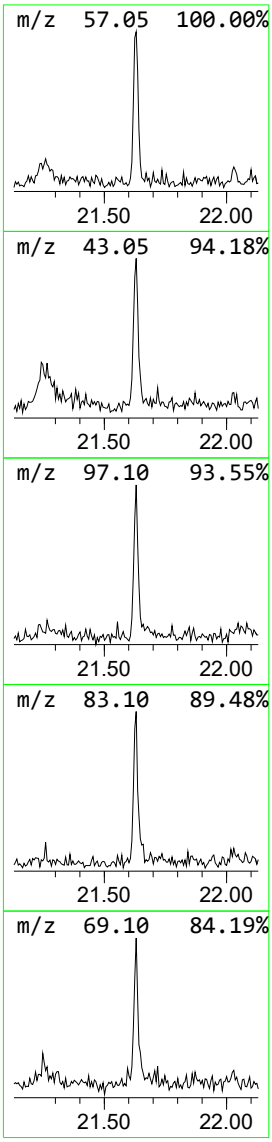
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.630	7.49 ng/ul	380274	Chrysene-d12	22.071

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecene	238	C17H34	006765-39-5	89
2	Dotriacontyl propyl ether	509	C35H72O	1000406-28-7	70
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	68
4	1-Pentadecene	210	C15H30	013360-61-7	68
5	Propyl triacontyl ether	481	C33H68O	1000406-28-6	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102823\
Data File : BG059535.D
Acq On : 29 Oct 2023 00:48
Operator : MA/JU
Sample : 04925-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GCCY0

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
n-Hexadecanoic ...	18.563	8.4	ng/ul	456431	4	17.741	1091700	20.0
Octadecanoic acid	19.820	3.2	ng/ul	174366	4	17.741	1091700	20.0
(DEL) Alkane: S...	21.630	7.5	ng/ul	380274	5	22.071	1015300	20.0