LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

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-BG090924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.358	44	46	52	rVB3	8205	12112	0.61%	0.077%
2	3.770	111	116	125	rBV	44838	73716	3.69%	0.467%
3	7.066	669	677	685	rBV	58485	101492	5.08%	0.643%
4	7.230	698	705	714	rBV	114307	186363	9.33%	1.181%
5	7.436	731	740	750	rBV	139681	240121	12.02%	1.522%
6	7.900	812	819	827	rVB	148229	241002	12.07%	1.527%
7	8.605	931	939	949	rBV	181533	298276	14.94%	1.890%
8	9.052	1007	1015	1023	rBV	159925	278184	13.93%	1.763%
9	9.622	1105	1112	1116	rVB2	1367	2260	0.11%	0.014%
10	9.774	1131	1138	1148	rVB2	133607	230301	11.53%	1.459%
11	10.315	1223	1230	1239	rBV	222770	392901	19.67%	2.490%
12	10.691	1287	1294	1302	rBV	205738	360905	18.07%	2.287%
13	10.826	1310	1317	1327	rBV	168362	306991	15.37%	1.945%
14	10.973	1339	1342	1349	rVB3	1800	2789	0.14%	0.018%
15	12.277	1560	1564	1565	rBV2	2291	2626	0.13%	0.017%
16	12.289	1565	1566	1570	rVB2	2426	2027	0.10%	0.013%
17	13.934	1839	1846	1853	rBV	491968	694747	34.79%	4.402%
18	14.222	1885	1895	1903	rBV	508267	796762	39.90%	5.049%
19	14.528	1940	1947	1955	rBV	407119	612269	30.66%	3.880%
20	14.727	1976	1981	1990	rBV	44998	79649	3.99%	0.505%
21	14.951	2011	2019	2031	rBV	141759	217098	10.87%	1.376%
22	15.262	2070	2072	2077	rVB4	2015	3108	0.16%	0.020%
23	15.521	2109	2116	2125	rBV	757607	1114617	55.81%	7.063%
24	15.638	2130	2136	2149	rBV	231052	361910	18.12%	2.293%
25	15.756	2153	2156	2160	rVB2	2870	3749	0.19%	0.024%
26	15.885	2172	2178	2186	rVB	76328	108665	5.44%	0.689%
27	16.443	2269	2273	2278	rVB2	6043	8115	0.41%	0.051%
28	16.608	2299	2301	2306	rVB4	3990	3801	0.19%	0.024%
29	17.272	2406	2414	2421	rBV	591079	888027	44.47%	5.627%
30	17.371	2424	2431	2441	rVV	980139	1416417	70.93%	8.976%
31	17.548	2456	2461	2466	rVB4	2650	3695	0.19%	0.023%
32	17.648	2474	2478	2482	rBV2	2035	2951	0.15%	0.019%
33	17.935	2525	2527	2532	rVB4	2925	4141	0.21%	0.026%
34	18.165	2561	2566	2575	rBV2	57012	90728	4.54%	0.575%
35	18.470	2612	2618	2620	rBV5	4044	6616	0.33%	0.042%
36	18.652	2646	2649	2654	rVB4	5558	6850	0.34%	0.043%

LSC Area Percent Report

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Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

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-BG090924.MA.M
Title : SVOA CALIBRATION

37	18.746	2662	2665	2670	rVB4	3080	4243	0.21%	0.027%
38	18.946	2696	2699	2701	rBV3	2245	2043	0.10%	0.013%
39	19.022	2707	2712	2716	rVB3	5740	8479	0.42%	0.054%
40	19.163	2734	2736	2739	rVB4	2275	2208	0.11%	0.014%
41	19.222	2741	2746	2752	rVV2	16106	25410	1.27%	0.161%
42	19.293	2754	2758	2767	rVV	16226	29526	1.48%	0.187%
43	19.351	2767	2768	2772	rVB3	3046	2375	0.12%	0.015%
44	19.440	2778	2783	2790	rBV6	19638	32675	1.64%	0.207%
45	19.592	2805	2809	2814	rBV5	4980	6577	0.33%	0.042%
46	19.663	2815	2821	2833	rVB	1322753	1872939	93.79%	11.868%
47	19.763	2836	2838	2843	rVB6	4206	5129	0.26%	0.033%
48	19.798	2843	2844	2846	rBV2	2275	2148	0.11%	0.014%
49	19.816	2846	2847	2851	rVB3	2664	2562	0.13%	0.016%
50	19.851	2851	2853	2856	rVB4	2207	2265	0.11%	0.014%
51	19.904	2859	2862	2863	rBV3	2659	2701	0.14%	0.017%
52	19.968	2870	2873	2876	rBV5	2956	4627	0.23%	0.029%
53	20.139	2900	2902	2905	rVB4	3512	3194	0.16%	0.020%
54	20.180	2905	2909	2910	rBV4	6217	6908	0.35%	0.044%
55	20.409	2945	2948	2949	rBV3	2720	3451	0.17%	0.022%
56	20.433	2950	2952	2957	rVB6	4464	6630	0.33%	0.042%
57	20.568	2972	2975	2978	rBV5	5787	9002	0.45%	0.057%
58	20.632	2982	2986	2989	rBV5	10725	13283	0.67%	0.084%
59	20.679	2993	2994	2996	rVV2	5314	3281	0.16%	0.021%
60	20.897	3028	3031	3034	rBV5	4548	5062	0.25%	0.032%
61	21.185	3076	3080	3091	rVB7	24099	47862	2.40%	0.303%
62	21.519	3130	3137	3149	rBV	705550	1140741	57.12%	7.229%
63	22.295	3267	3269	3272	rBV3	5599	4445	0.22%	0.028%
64	22.642	3326	3328	3329	rBV2	6426	4940	0.25%	0.031%
65	23.035	3393	3395	3398	rVB4	8378	8276	0.41%	0.052%
66	23.358	3449	3450	3452	rBV2	4386	3219	0.16%	0.020%
67	23.441	3462	3464	3467	rBV4	4323	2588	0.13%	0.016%
68	23.511	3474	3476	3479	rBV4	5250	5535	0.28%	0.035%
69	23.658	3499	3501	3504	rVB3	5227	3126	0.16%	0.020%
70	23.717	3504	3511	3514	rBV8	13099	28382	1.42%	0.180%
71	24.375	3611	3623	3638	rBV	739120	1997036	100.00%	12.655%
72	24.581	3647	3658	3670	rBV	446167	1236510	61.92%	7.836%
73	24.933	3716	3718	3723	rBV6	4686	5291	0.26%	0.034%
74	25.109	3746	3748	3749	rBV2	4078	2627	0.13%	0.017%
75	25.756	3856	3858	3859	rBV2	4541	2655	0.13%	0.017%
76	26.925	4050	4057	4068	rVB8	15172	51520	2.58%	0.326%

LSC Area Percent Report

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Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

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-BG090924.MA.M
Title : SVOA CALIBRATION

77	28.752	4366	4368	4369	rVB	4494	2192	0.11%	0.014%
78	28.887	4389	4391	4392	rBV2	3965	2031	0.10%	0.013%
79	29.551	4502	4504	4505	rBV2	4604	3749	0.19%	0.024%
80	30.192	4611	4613	4615	rBV3	4011	4808	0.24%	0.030%
81	30.885	4730	4731	4733	rBV2	4157	2180	0.11%	0.014%
82	32.295	4970	4971	4973	rBV	3818	2769	0.14%	0.018%
83	32.465	4998	5000	5002	rBV3	4391	5650	0.28%	0.036%

Sum of corrected areas: 15780831

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062840.D
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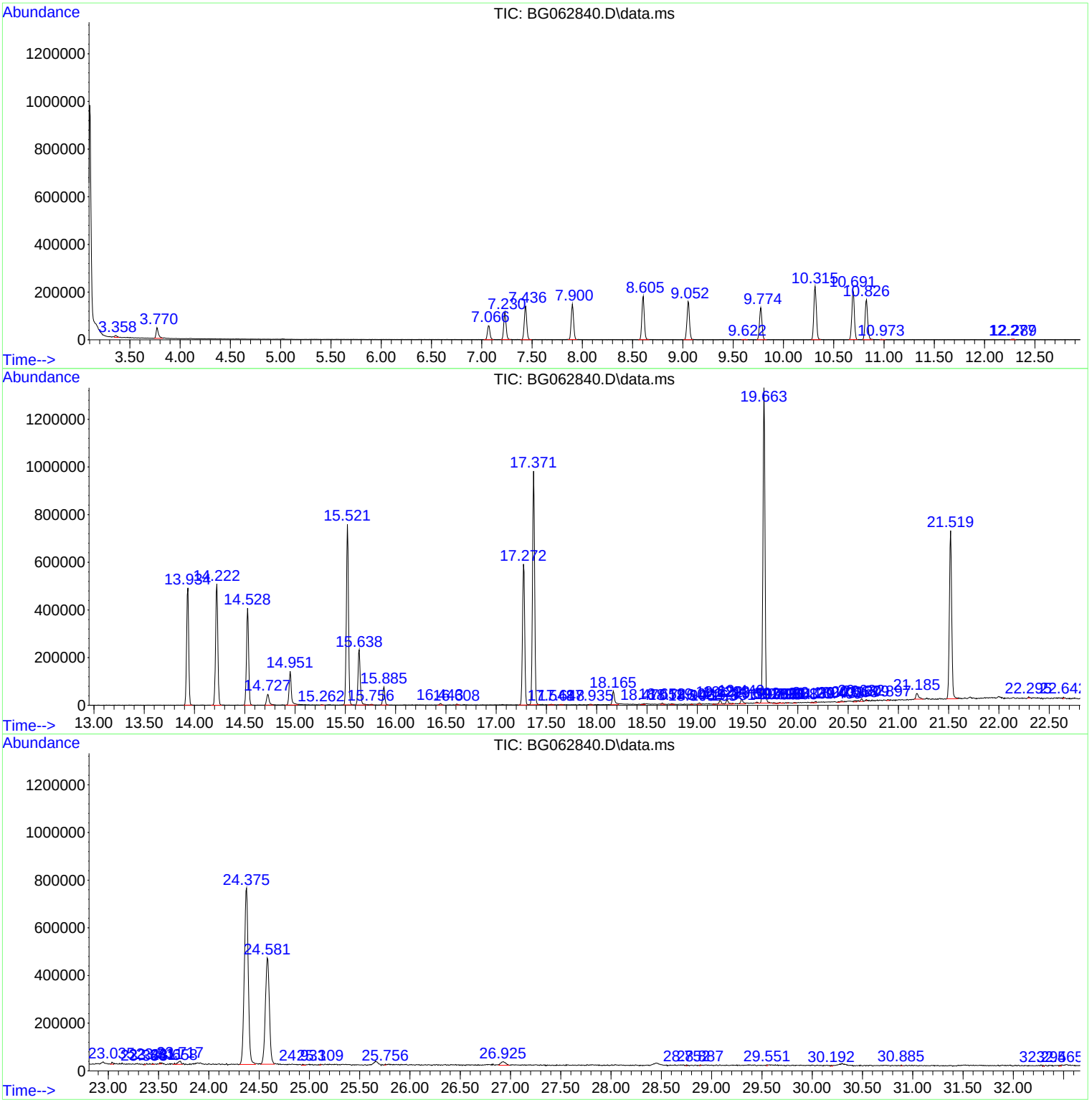
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.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\BG091324\
Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

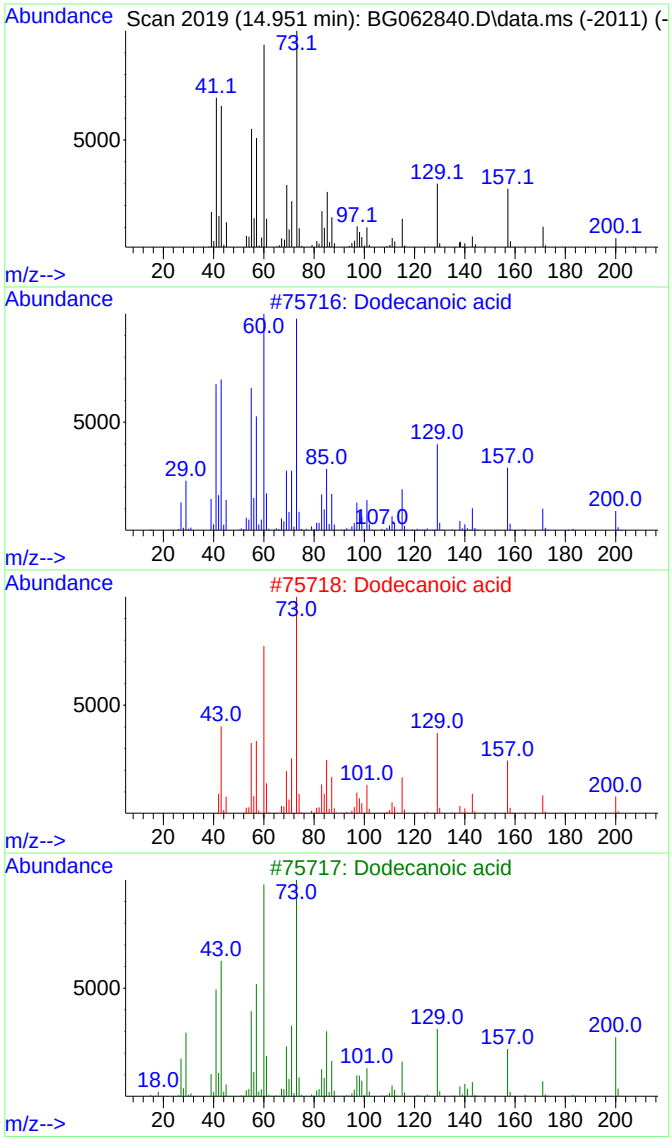
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

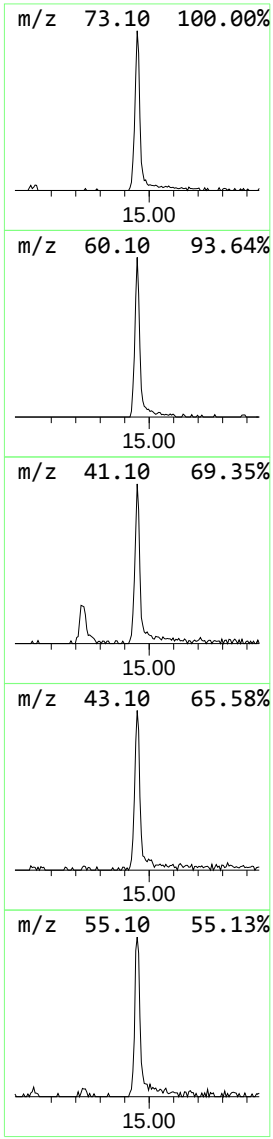
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	7.09 ng/ul	217098	Acenaphthene-d10	14.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	95
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	Nonanoic acid	158	C9H18O2	000112-05-0	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

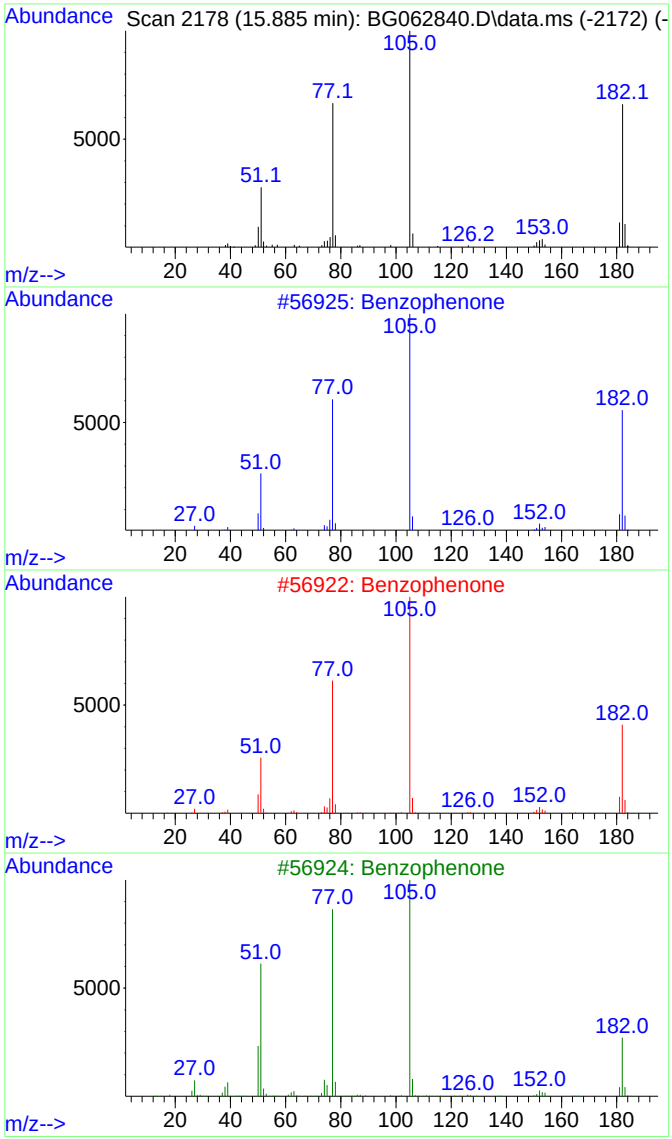
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

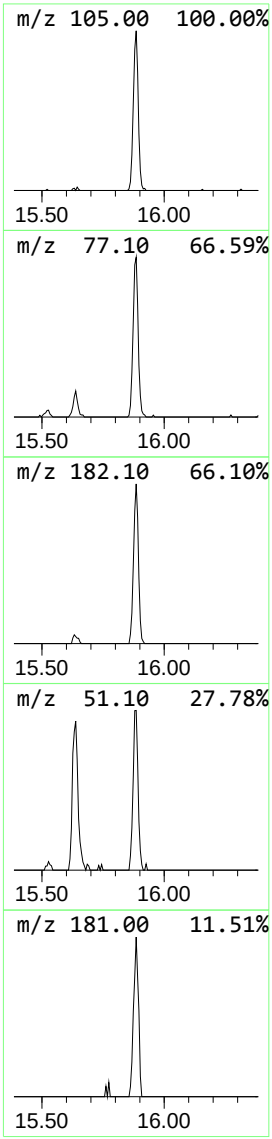
****

Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.885	3.55 ng/ul	108665	Acenaphthene-d10	14.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	91
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

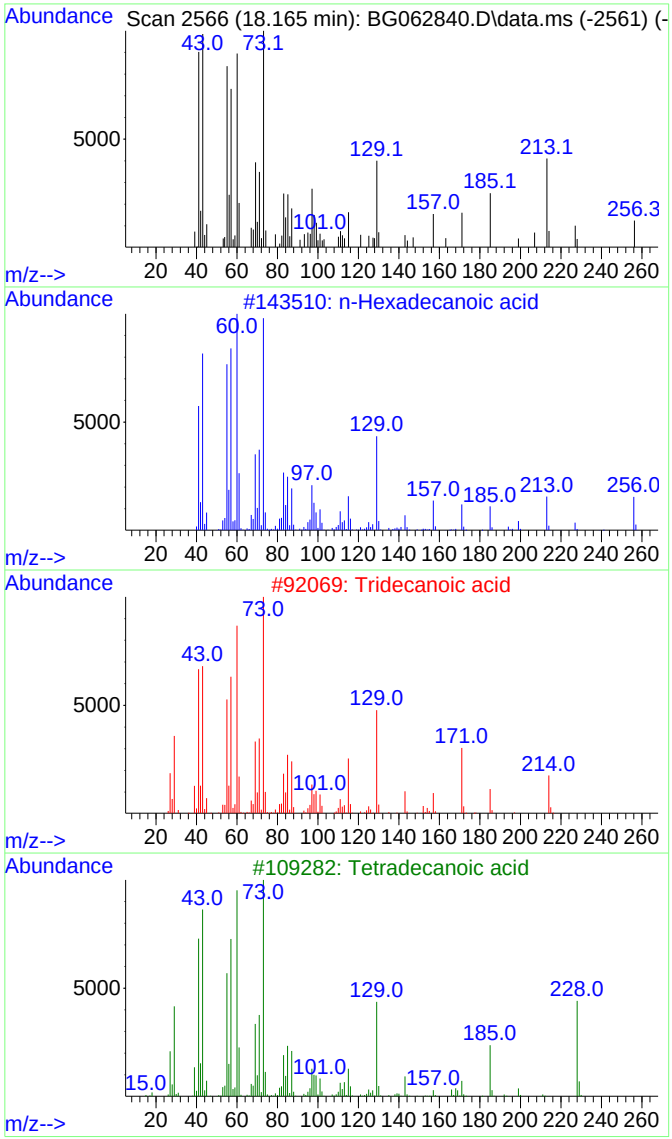
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

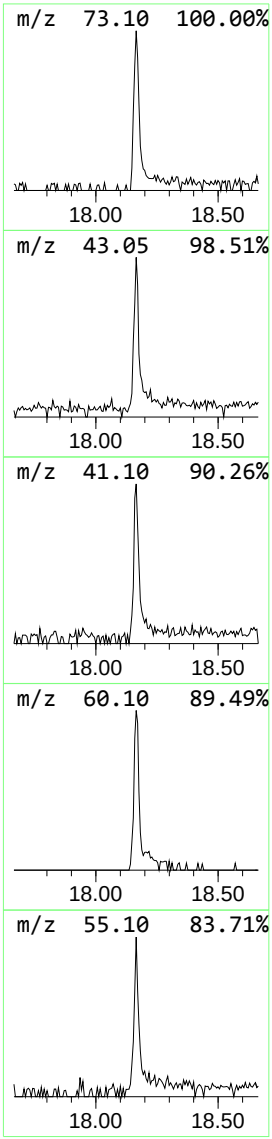
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.165	2.04 ng/ul	90728	Phenanthrene-d10	17.272

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062840.D
Acq On : 15 Sep 2024 10:23
Operator : JU/RC
Sample : P3952-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B63

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.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
Dodecanoic acid	14.951	7.1	ng/ul	217098	3	14.528	612269	20.0
Benzophenone	15.885	3.5	ng/ul	108665	3	14.528	612269	20.0
n-Hexadecanoic ...	18.165	2.0	ng/ul	90728	4	17.272	888027	20.0