LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

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-BG022222.M
Title : SVOA CALIBRATION

Signal : TIC: BG052460.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.547	5	10	13	rBV3	4914	8317	0.52%	0.035%
2	3.582	13	16	22	rVB	12000	15569	0.98%	0.066%
3	4.651	193	198	204	rBV	23774	36237	2.28%	0.154%
4	5.268	296	303	311	rBV	233180	338957	21.29%	1.437%
5	6.460	501	506	510	rBV3	3163	4392	0.28%	0.019%
6	7.371	653	661	670	rBV	100322	179511	11.28%	0.761%
7	7.529	682	688	696	rBV	70551	119224	7.49%	0.505%
8	7.753	718	726	733	rBV	92750	157301	9.88%	0.667%
9	8.223	799	806	813	rBV2	82142	139600	8.77%	0.592%
10	8.745	886	895	902	rBV3	49001	117410	7.38%	0.498%
11	8.804	902	905	911	rVB2	4443	6349	0.40%	0.027%
12	8.928	919	926	935	rBV	114423	200266	12.58%	0.849%
13	9.392	998	1005	1009	rBV	96099	173445	10.90%	0.735%
14	9.439	1009	1013	1021	rVB	74616	129991	8.17%	0.551%
15	9.809	1071	1076	1080	rVB4	3902	5541	0.35%	0.023%
16	10.126	1123	1130	1133	rBV	84177	158796	9.98%	0.673%
17	10.155	1133	1135	1143	rVB2	85063	136700	8.59%	0.579%
18	10.443	1178	1184	1191	rVB	65485	105709	6.64%	0.448%
19	10.678	1215	1224	1239	rBV3	129668	368735	23.16%	1.563%
20	10.819	1243	1248	1254	rBV3	5069	8756	0.55%	0.037%
21	11.060	1283	1289	1294	rVV	112637	213342	13.40%	0.904%
22	11.113	1294	1298	1304	rVV	74926	127293	8.00%	0.539%
23	11.189	1304	1311	1320	rVB	112488	208831	13.12%	0.885%
24	12.323	1497	1504	1515	rBV	335920	557143	35.00%	2.361%
25	12.452	1522	1526	1531	rVB5	3112	4456	0.28%	0.019%
26	12.570	1541	1546	1550	rBV4	4468	7506	0.47%	0.032%
27	12.705	1562	1569	1578	rBV	254421	415067	26.07%	1.759%
28	12.834	1586	1591	1594	rBV5	4789	7989	0.50%	0.034%
29	12.928	1600	1607	1619	rVB	204827	357183	22.44%	1.514%
30	13.051	1623	1628	1637	rVV2	102943	153438	9.64%	0.650%
31	13.310	1666	1672	1681	rBV	95408	158426	9.95%	0.671%
32	13.674	1729	1734	1740	rBV	12474	15519	0.97%	0.066%
33	13.745	1740	1746	1756	rVB	283577	458843	28.82%	1.945%
34	14.256	1827	1833	1840	rBV	295357	426312	26.78%	1.807%
35	14.426	1857	1862	1869	rVB	88675	129722	8.15%	0.550%
36	14.496	1869	1874	1878	rBV3	2117	4531	0.28%	0.019%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

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-BG022222.M
Title : SVOA CALIBRATION

37	14.561	1878	1885	1889	rBV	300622	539617	33.90%	2.287%
38	14.867	1931	1937	1943	rBV	202515	317320	19.93%	1.345%
39	14.931	1943	1948	1957	rVB	169209	253586	15.93%	1.075%
40	15.055	1963	1969	1980	rBV	115477	214016	13.44%	0.907%
41	15.219	1990	1997	2003	rVB	227124	334731	21.03%	1.419%
42	15.489	2037	2043	2057	rVV	261334	422857	26.56%	1.792%
43	15.636	2065	2068	2071	rVV4	2473	4045	0.25%	0.017%
44	15.683	2073	2076	2082	rVB4	6493	9047	0.57%	0.038%
45	15.859	2099	2106	2109	rBV	410597	641821	40.32%	2.720%
46	15.900	2109	2113	2120	rVV2	305456	619623	38.92%	2.626%
47	15.989	2120	2128	2139	rVV3	612031	1085990	68.22%	4.603%
48	16.294	2177	2180	2184	rBV3	3172	4170	0.26%	0.018%
49	16.729	2249	2254	2259	rBV5	3846	6531	0.41%	0.028%
50	16.793	2259	2265	2273	rVV	322550	452711	28.44%	1.919%
51	16.928	2280	2288	2296	rVB	337546	506601	31.82%	2.147%
52	17.134	2319	2323	2327	rBV3	3107	4397	0.28%	0.019%
53	17.346	2355	2359	2362	rVV3	5297	7259	0.46%	0.031%
54	17.616	2399	2405	2409	rBV	290827	440620	27.68%	1.867%
55	17.657	2409	2412	2417	rVV	254261	382884	24.05%	1.623%
56	17.716	2417	2422	2426	rVV	528631	844799	53.07%	3.580%
57	17.751	2426	2428	2434	rVB	258615	310139	19.48%	1.314%
58	17.974	2461	2466	2469	rBV6	3046	5131	0.32%	0.022%
59	18.086	2479	2485	2495	rVV	394960	557298	35.01%	2.362%
60	18.256	2508	2514	2520	rBV	78082	97890	6.15%	0.415%
61	18.485	2550	2553	2561	rVV5	15227	28484	1.79%	0.121%
62	18.556	2562	2565	2569	rVV	7638	10355	0.65%	0.044%
63	18.779	2599	2603	2606	rBV4	3381	5052	0.32%	0.021%
64	19.026	2639	2645	2655	rBV2	51344	77314	4.86%	0.328%
65	19.331	2694	2697	2704	rBV6	7907	16647	1.05%	0.071%
66	19.419	2704	2712	2722	rVV	215872	273386	17.17%	1.159%
67	19.548	2726	2734	2740	rBV	83114	99714	6.26%	0.423%
68	19.666	2743	2754	2760	rBV	801809	1155204	72.57%	4.896%
69	19.901	2790	2794	2799	rVV4	4646	6544	0.41%	0.028%
70	19.995	2802	2810	2813	rVV	701321	1058372	66.48%	4.486%
71	20.024	2813	2815	2822	rVB	337701	410655	25.80%	1.740%
72	20.206	2844	2846	2852	rVB5	4615	4888	0.31%	0.021%
73	20.465	2885	2890	2891	rBV3	7917	7646	0.48%	0.032%
74	20.500	2894	2896	2900	rVB4	5883	6076	0.38%	0.026%
75	20.606	2910	2914	2917	rVB4	15592	19569	1.23%	0.083%
76	20.682	2923	2927	2930	rVB5	13672	17560	1.10%	0.074%

LSC Area Percent Report

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Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

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
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Title : SVOA CALIBRATION

77	20.835	2948	2953	2958	rBV2	41154	51599	3.24%	0.219%
78	20.888	2958	2962	2964	rVV5	4583	7671	0.48%	0.033%
79	20.905	2964	2965	2970	rVV4	7818	8032	0.50%	0.034%
80	20.952	2970	2973	2977	rVV5	8345	10310	0.65%	0.044%
81	21.005	2977	2982	2984	rVB5	5742	8095	0.51%	0.034%
82	21.522	3066	3070	3076	rBV4	45353	81285	5.11%	0.345%
83	21.787	3111	3115	3119	rBV6	6388	9378	0.59%	0.040%
84	21.916	3130	3137	3144	rVV2	367338	981800	61.67%	4.161%
85	21.980	3144	3148	3154	rVV	298255	478213	30.04%	2.027%
86	22.033	3156	3157	3162	rVB4	10530	11033	0.69%	0.047%
87	22.110	3166	3170	3176	rVB6	7355	8780	0.55%	0.037%
88	22.762	3277	3281	3286	rVB5	10438	14410	0.91%	0.061%
89	23.026	3320	3326	3335	rVB	27623	57942	3.64%	0.246%
90	23.502	3403	3407	3413	rVV4	12077	24854	1.56%	0.105%
91	23.713	3440	3443	3449	rVV8	4102	6372	0.40%	0.027%
92	24.295	3529	3542	3548	rBV	606241	1591936	100.00%	6.747%
93	24.360	3548	3553	3568	rVB	207218	524785	32.97%	2.224%
94	25.159	3678	3689	3697	rBV	342170	1010090	63.45%	4.281%
95	25.235	3697	3702	3714	rVB	100506	265962	16.71%	1.127%
96	25.399	3719	3730	3743	rVB2	168722	514947	32.35%	2.182%
97	26.656	3936	3944	3954	rVB5	16646	49497	3.11%	0.210%
98	29.406	4394	4412	4413	rBV2	114565	423826	26.62%	1.796%
99	30.633	4603	4621	4641	rBV2	100262	532714	33.46%	2.258%
100	31.791	4815	4818	4820	rBV4	2951	4277	0.27%	0.018%

Sum of corrected areas: 23594764

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
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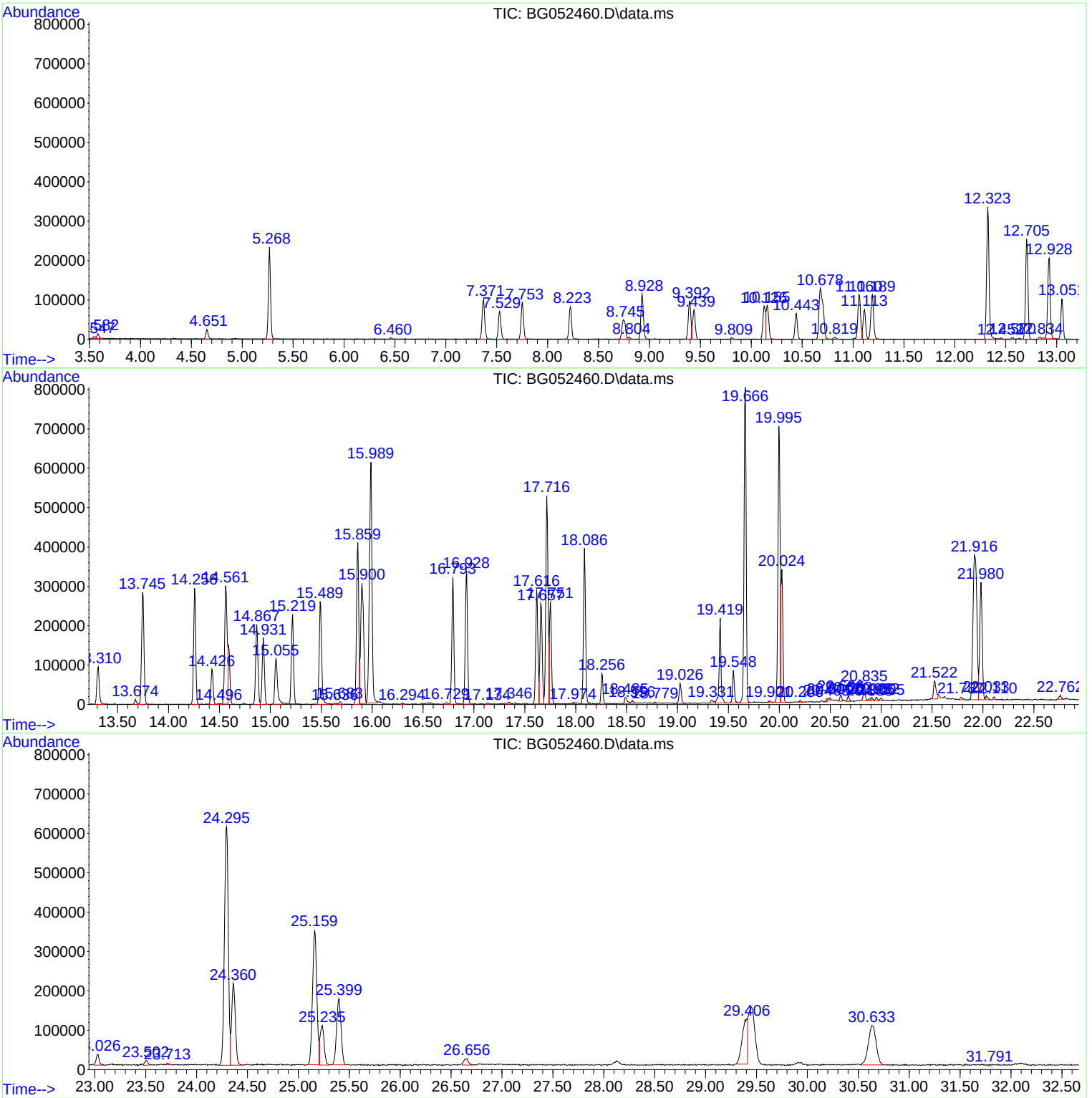
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
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Sample : N1622-05
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Instrument :
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ClientSampleId :
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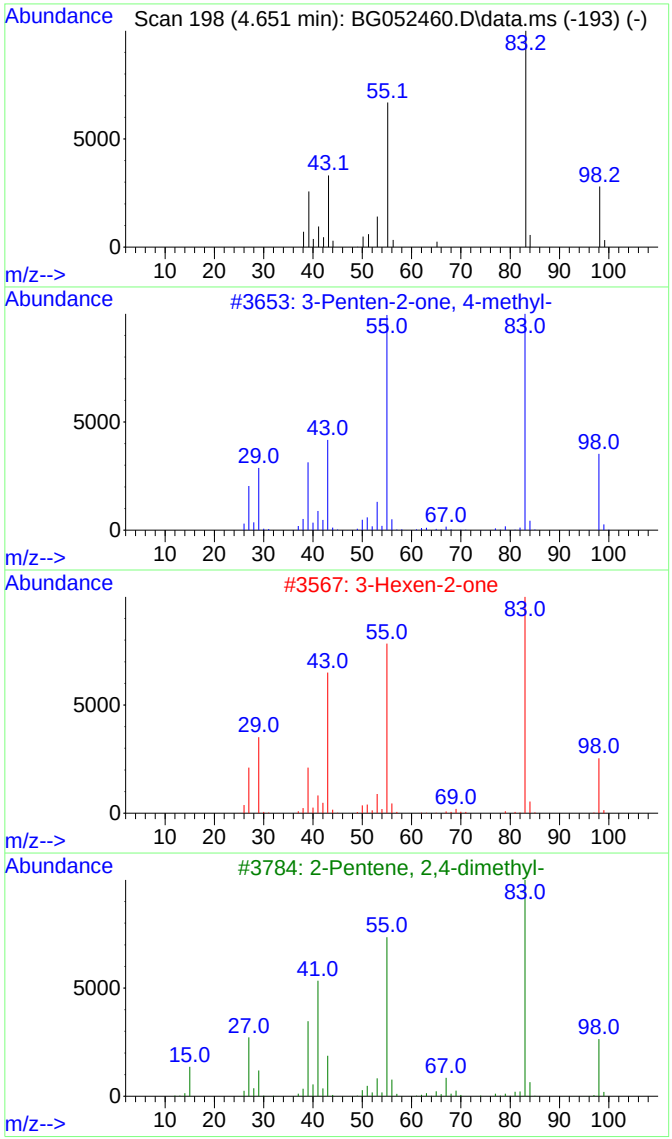
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

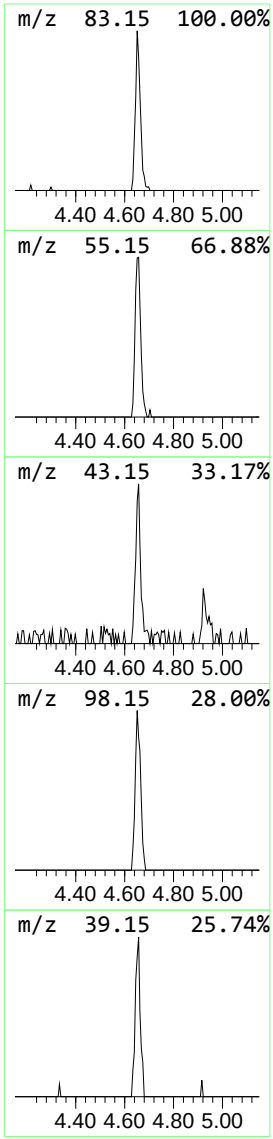
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.651	5.19 ng/ul	36237	1,4-Dichlorobenzene-d4	8.223

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	90
4	3-Hexen-2-one	98	C6H10O	000763-93-9	90
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

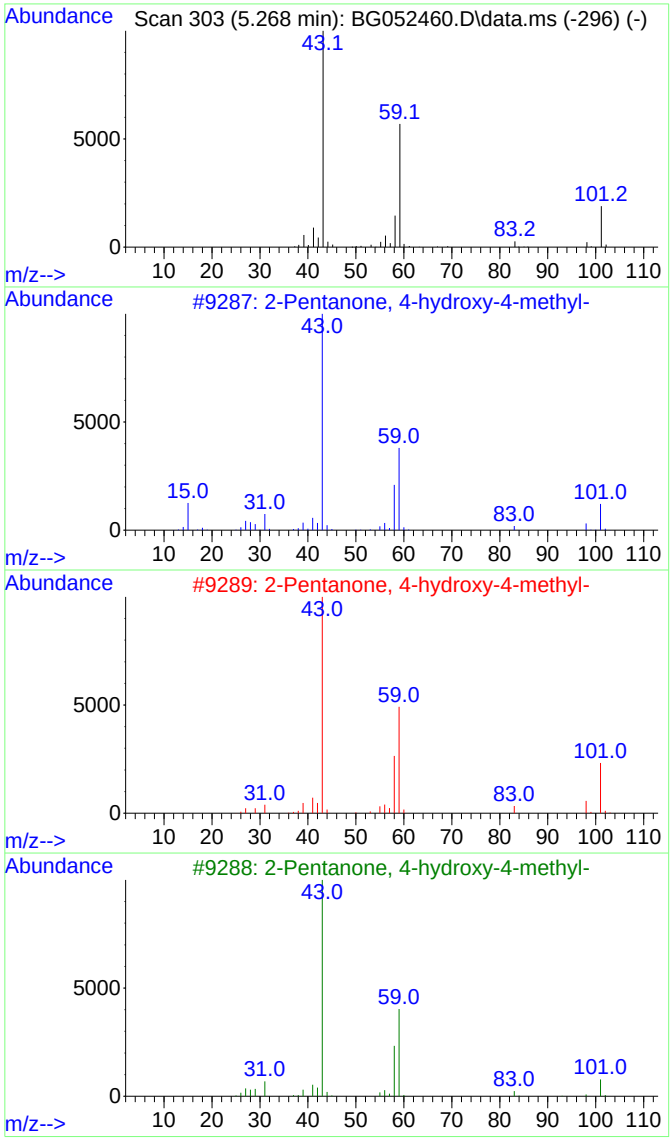
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

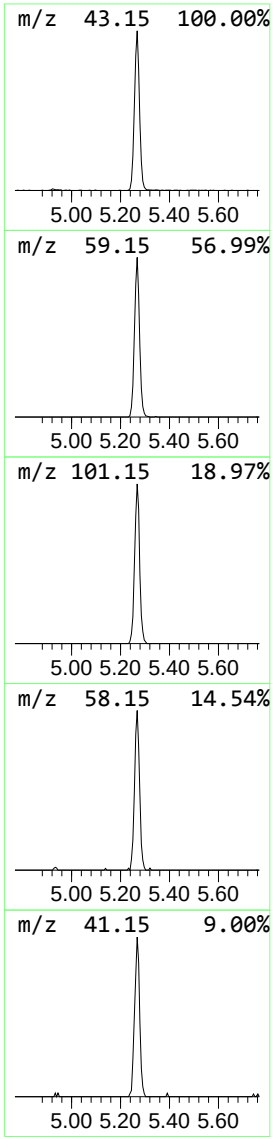
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.268	48.56 ng/ul	338957	1,4-Dichlorobenzene-d4	8.223

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	37
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
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Sample : N1622-05
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BNA_G
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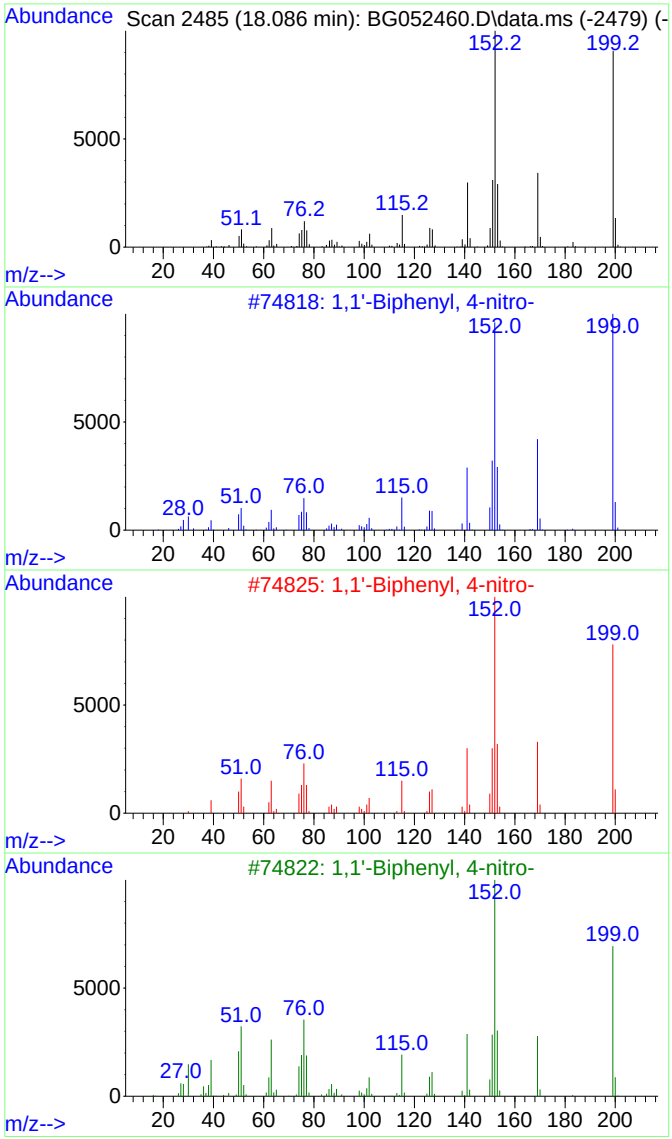
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

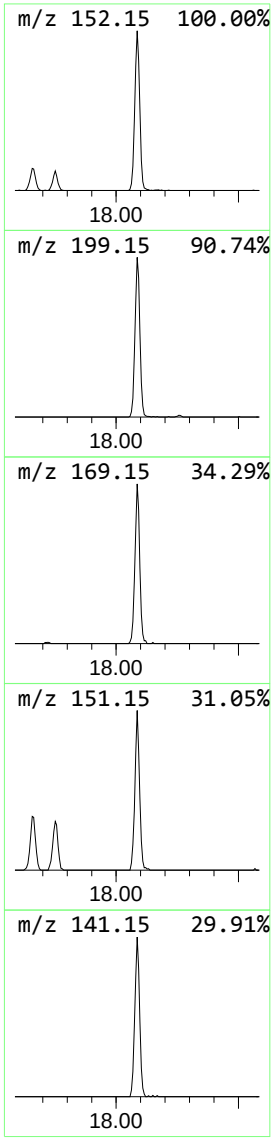
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	25.30 ng/ul	557298	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	96
4	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	94
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
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Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

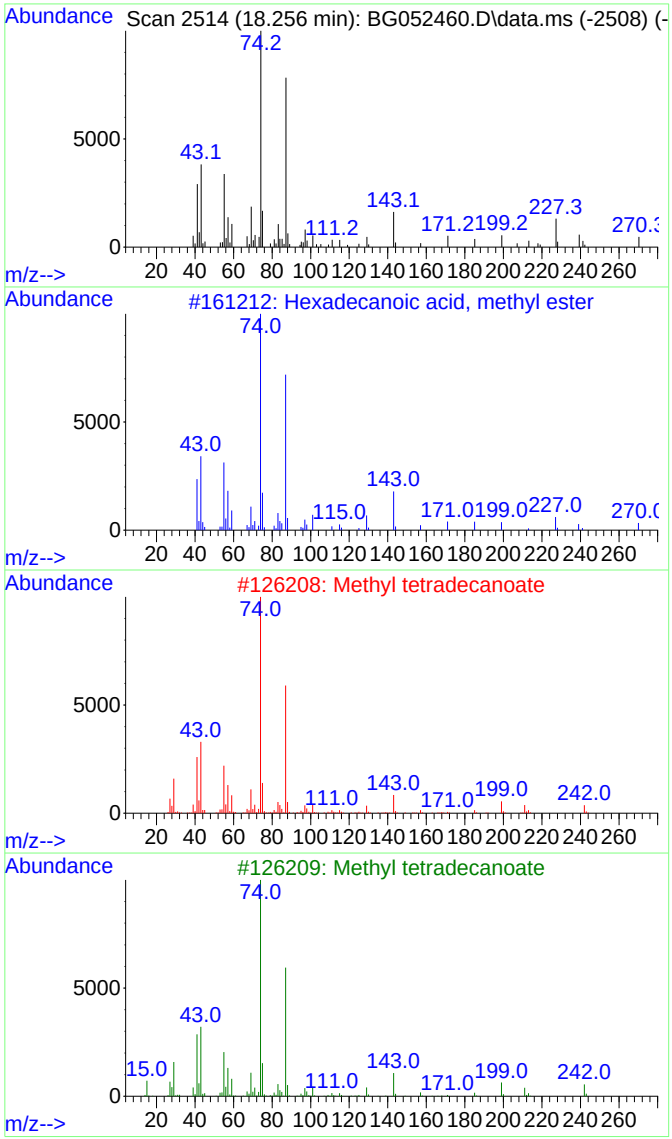
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

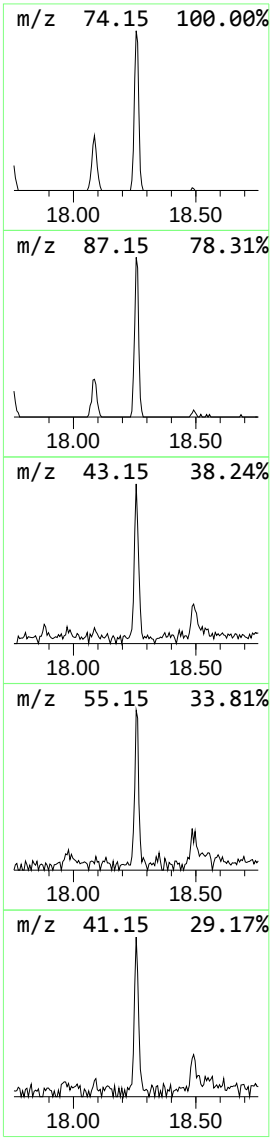
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	4.44 ng/ul	97890	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	72
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

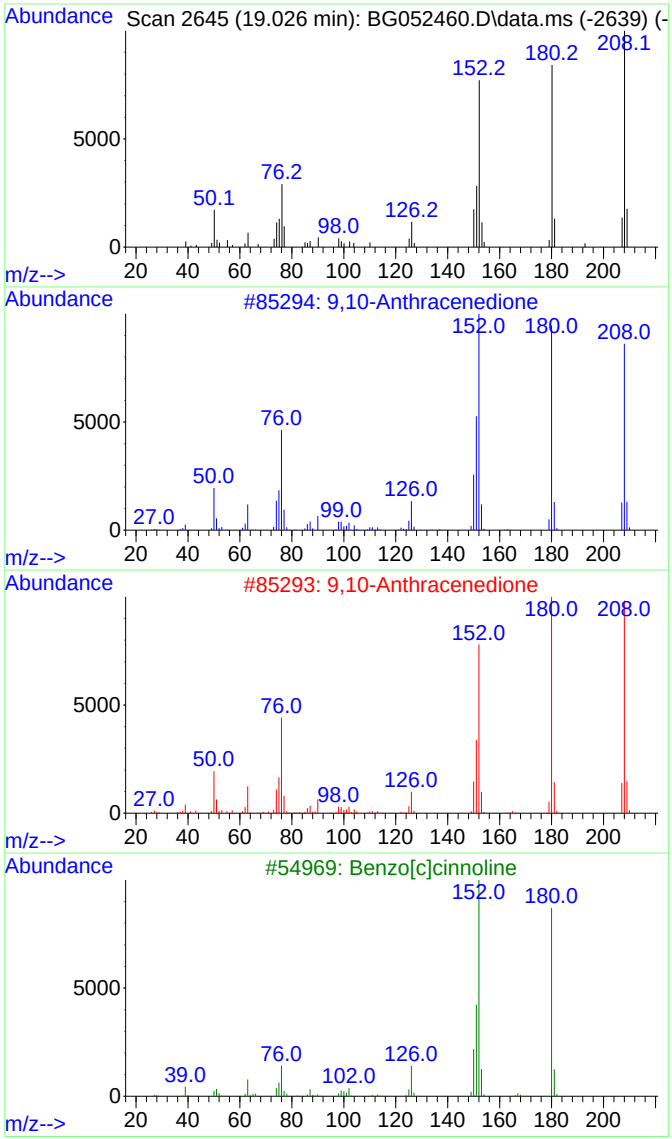
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

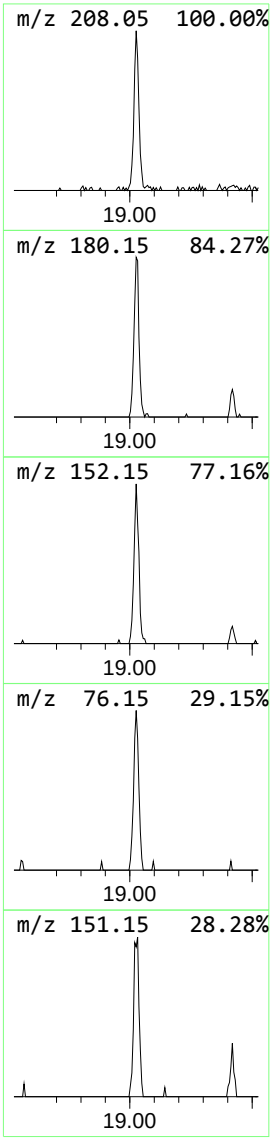
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.026	3.51 ng/ul	77314	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83





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Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

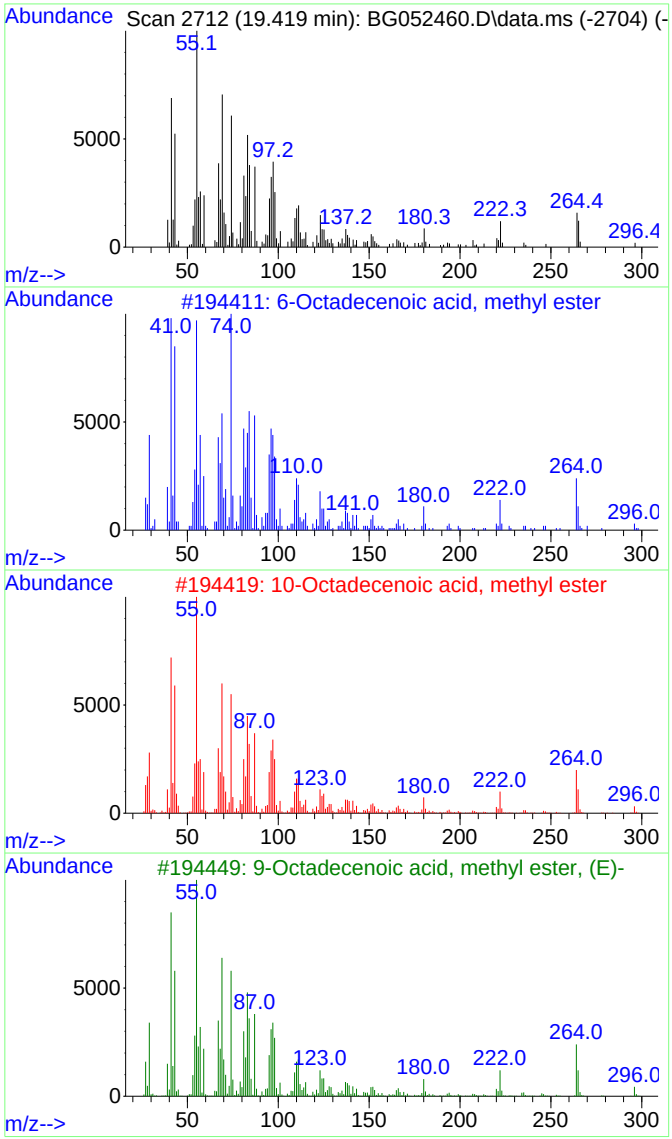
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

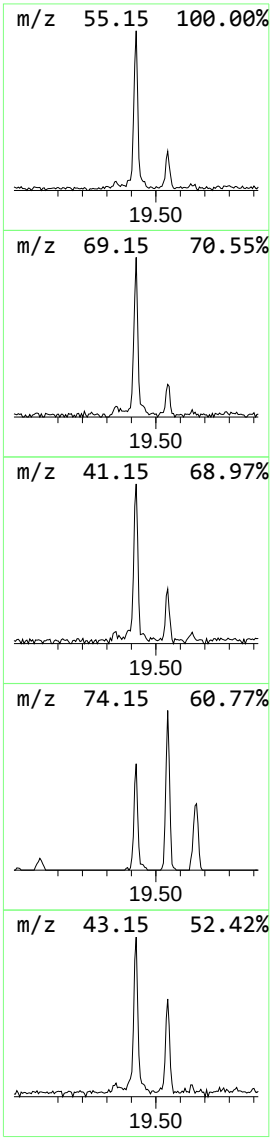
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 6-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	12.41 ng/ul	273386	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
2	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.M
Quant Title : SVOA CALIBRATION

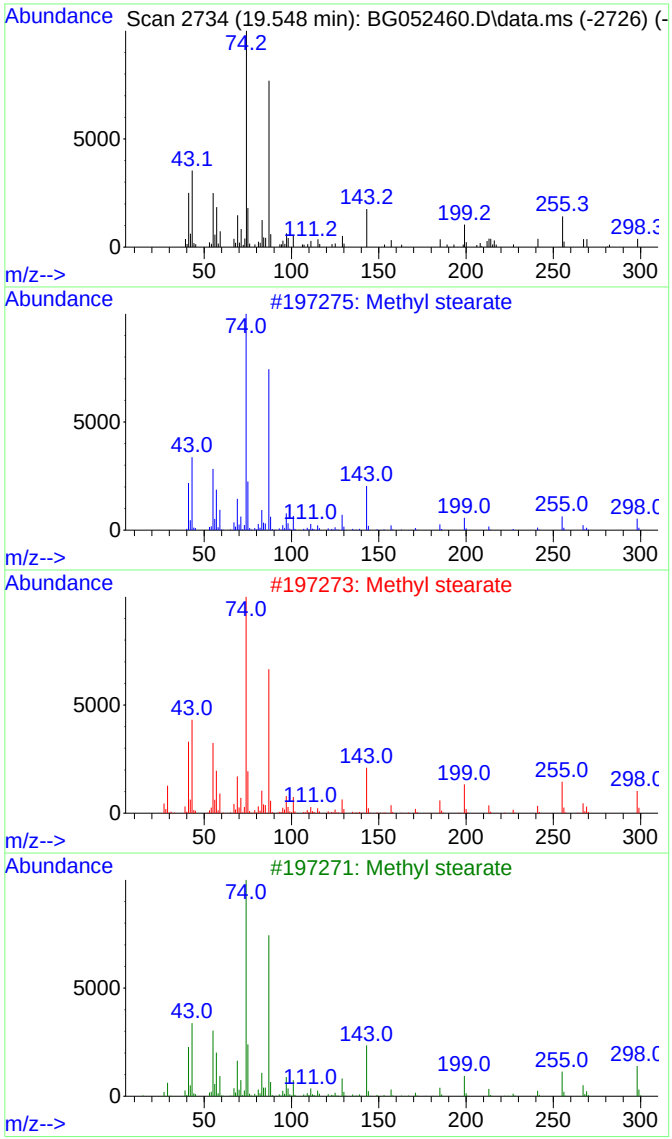
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

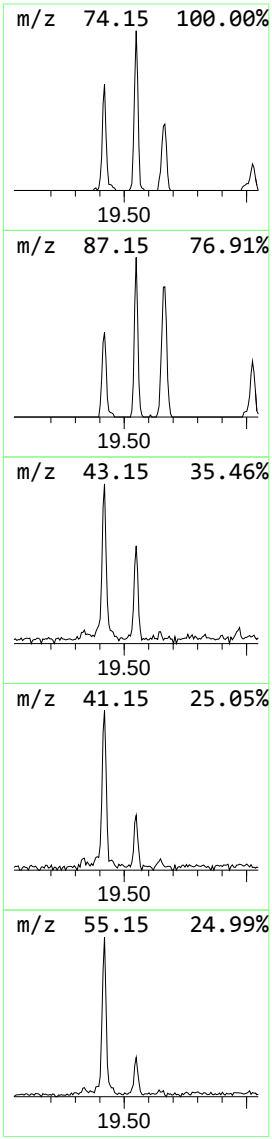
****

Peak Number 7 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.549	4.53 ng/ul	99714	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Methyl stearate	298	C19H38O2	000112-61-8	90
3	Methyl stearate	298	C19H38O2	000112-61-8	89
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022322\
Data File : BG052460.D
Acq On : 23 Feb 2022 11:40
Operator : CG/JU
Sample : N1622-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GBD37

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022222.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
3-Penten-2-one,...	4.651	5.2	ng/ul	36237	1	8.223	139600	20.0
2-Pentanone, 4-...	5.268	48.6	ng/ul	338957	1	8.223	139600	20.0
1,1'-Biphenyl, ...	18.086	25.3	ng/ul	557298	4	17.616	440620	20.0
Hexadecanoic ac...	18.256	4.4	ng/ul	97890	4	17.616	440620	20.0
9,10-Anthracene...	19.026	3.5	ng/ul	77314	4	17.616	440620	20.0
6-Octadecenoic ...	19.419	12.4	ng/ul	273386	4	17.616	440620	20.0
Methyl stearate	19.549	4.5	ng/ul	99714	4	17.616	440620	20.0