LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

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-BG062022.M
Title : SVOA CALIBRATION

Signal : TIC: BG054022.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.495	15	18	23	rBV5	3310	5328	0.49%	0.060%
2	3.912	87	89	99	rBV	20900	39149	3.59%	0.439%
3	4.147	127	129	137	rVB3	2206	3702	0.34%	0.042%
4	4.252	144	147	153	rVB3	1754	2473	0.23%	0.028%
5	5.163	300	302	309	rVB4	1378	1994	0.18%	0.022%
6	5.710	389	395	403	rVB	21673	39004	3.58%	0.438%
7	6.562	533	540	545	rBV4	1333	3175	0.29%	0.036%
8	7.049	620	623	625	rBV	1176	1573	0.14%	0.018%
9	7.231	648	654	661	rVV	23561	42566	3.91%	0.478%
10	7.390	675	681	690	rVV	62543	111651	10.25%	1.253%
11	7.460	690	693	699	rVB2	2382	3723	0.34%	0.042%
12	7.607	711	718	725	rBV	70910	126079	11.57%	1.415%
13	7.719	732	737	743	rVB	7887	12095	1.11%	0.136%
14	8.072	791	797	804	rBV	63061	110165	10.11%	1.236%
15	8.130	804	807	811	rVV4	1940	3074	0.28%	0.035%
16	8.195	814	818	821	rVV2	1649	2860	0.26%	0.032%
17	8.453	859	862	865	rBV2	1238	1779	0.16%	0.020%
18	8.500	865	870	877	rVB2	12361	22433	2.06%	0.252%
19	8.571	877	882	888	rBV2	1339	2406	0.22%	0.027%
20	8.700	898	904	910	rBV7	4438	9748	0.89%	0.109%
21	8.771	910	916	927	rVV	71126	126926	11.65%	1.425%
22	8.871	927	933	939	rVB	16981	28805	2.64%	0.323%
23	9.035	955	961	965	rVV2	3445	5171	0.47%	0.058%
24	9.082	965	969	974	rVB	3079	4487	0.41%	0.050%
25	9.182	980	986	989	rBV2	10851	18508	1.70%	0.208%
26	9.229	989	994	1006	rVB	86413	165620	15.20%	1.859%
27	9.517	1038	1043	1046	rBV2	1430	2366	0.22%	0.027%
28	9.664	1065	1068	1070	rVV2	1590	1907	0.18%	0.021%
29	9.705	1070	1075	1081	rVV2	9845	17866	1.64%	0.201%
30	9.764	1081	1085	1092	rVB	18810	30858	2.83%	0.346%
31	9.958	1111	1118	1126	rVB	75448	136095	12.49%	1.527%
32	10.128	1142	1147	1151	rVV	3901	6124	0.56%	0.069%
33	10.169	1151	1154	1159	rVV3	2300	3502	0.32%	0.039%
34	10.287	1167	1174	1179	rVB4	15593	27675	2.54%	0.311%
35	10.351	1179	1185	1189	rBV2	1071	1772	0.16%	0.020%
36	10.498	1201	1210	1222	rBV	123634	231463	21.25%	2.598%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

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-BG062022.M
Title : SVOA CALIBRATION

37	10.651	1233	1236	1240	rBV3	949	1489	0.14%	0.017%
38	10.880	1268	1275	1281	rBV	98551	186244	17.10%	2.090%
39	10.933	1281	1284	1290	rVB	12362	19162	1.76%	0.215%
40	11.009	1290	1297	1306	rBV	104034	197142	18.10%	2.213%
41	12.466	1540	1545	1549	rVB2	1739	3104	0.28%	0.035%
42	12.590	1560	1566	1569	rBV2	1326	2160	0.20%	0.024%
43	12.743	1590	1592	1597	rVB	1347	1696	0.16%	0.019%
44	13.154	1657	1662	1669	rVB2	11870	19404	1.78%	0.218%
45	13.518	1719	1724	1726	rBV3	2233	3299	0.30%	0.037%
46	13.665	1742	1749	1753	rBV3	5399	8361	0.77%	0.094%
47	13.712	1753	1757	1766	rBV2	11443	21867	2.01%	0.245%
48	13.824	1771	1776	1780	rVV3	11526	19865	1.82%	0.223%
49	13.865	1780	1783	1789	rVB3	7550	11346	1.04%	0.127%
50	14.094	1816	1822	1833	rBV	287759	438684	40.27%	4.924%
51	14.323	1857	1861	1866	rBV4	4228	7690	0.71%	0.086%
52	14.394	1866	1873	1880	rVV	297940	483797	44.41%	5.430%
53	14.699	1918	1925	1935	rVB	197691	314610	28.88%	3.531%
54	14.881	1948	1956	1965	rBV2	27745	50333	4.62%	0.565%
55	15.116	1993	1996	2000	rBV2	1292	2194	0.20%	0.025%
56	15.204	2007	2011	2015	rVB	1151	1974	0.18%	0.022%
57	15.392	2041	2043	2049	rVB2	1902	2361	0.22%	0.026%
58	15.686	2086	2093	2103	rVB	437233	691282	63.46%	7.759%
59	15.798	2103	2112	2117	rBV	134710	205677	18.88%	2.308%
60	15.927	2130	2134	2139	rVB4	4652	6679	0.61%	0.075%
61	16.086	2157	2161	2165	rBV	1144	1870	0.17%	0.021%
62	16.468	2223	2226	2231	rVB2	1692	2493	0.23%	0.028%
63	17.231	2351	2356	2362	rVB	24222	33680	3.09%	0.378%
64	17.443	2385	2392	2399	rBV	268398	420509	38.60%	4.720%
65	17.543	2401	2409	2418	rBV	519951	832845	76.45%	9.347%
66	18.101	2501	2504	2507	rBV	2023	2731	0.25%	0.031%
67	18.330	2538	2543	2552	rBV2	34890	62378	5.73%	0.700%
68	18.389	2552	2553	2560	rVV4	4316	8358	0.77%	0.094%
69	18.459	2561	2565	2571	rVV4	2493	5391	0.49%	0.061%
70	18.812	2620	2625	2627	rBV5	1006	1700	0.16%	0.019%
71	19.188	2683	2689	2693	rBV4	1074	1697	0.16%	0.019%
72	19.388	2719	2723	2729	rVB3	7589	12160	1.12%	0.136%
73	19.458	2729	2735	2740	rBV	7191	13036	1.20%	0.146%
74	19.529	2743	2747	2750	rVB3	3635	4383	0.40%	0.049%
75	19.599	2754	2759	2768	rBV3	21196	39791	3.65%	0.447%
76	19.734	2779	2782	2788	rBV5	1315	2137	0.20%	0.024%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

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-BG062022.M
Title : SVOA CALIBRATION

77	19.822	2790	2797	2807	rVB	710358	1072834	98.48%	12.041%
78	19.928	2813	2815	2820	rBV4	1470	2452	0.23%	0.028%
79	20.134	2847	2850	2852	rBV4	1298	1639	0.15%	0.018%
80	20.181	2855	2858	2859	rBV3	2365	2451	0.22%	0.028%
81	20.486	2906	2910	2914	rBV6	1740	3572	0.33%	0.040%
82	20.839	2967	2970	2976	rVB5	1861	2511	0.23%	0.028%
83	21.356	3053	3058	3065	rBV5	18932	33623	3.09%	0.377%
84	21.432	3067	3071	3077	rVB	17595	27873	2.56%	0.313%
85	21.603	3095	3100	3105	rBV2	5992	9101	0.84%	0.102%
86	21.714	3113	3119	3126	rBV	300953	511310	46.94%	5.739%
87	21.914	3149	3153	3158	rVB6	5390	9210	0.85%	0.103%
88	22.531	3252	3258	3264	rBV6	7471	15085	1.38%	0.169%
89	23.236	3373	3378	3383	rVB3	10026	16351	1.50%	0.184%
90	24.053	3510	3517	3523	rVB4	12460	25557	2.35%	0.287%
91	24.341	3563	3566	3568	rVB5	2093	2305	0.21%	0.026%
92	24.570	3603	3605	3608	rBV4	1490	1638	0.15%	0.018%
93	24.746	3624	3635	3650	rBV2	372634	1089357	100.00%	12.226%
94	24.969	3663	3673	3690	rVB2	172592	531729	48.81%	5.968%
95	26.162	3867	3876	3877	rBV4	11083	20886	1.92%	0.234%
96	26.632	3954	3956	3959	rVB4	2030	1675	0.15%	0.019%
97	27.555	4106	4113	4123	rVB8	7962	22652	2.08%	0.254%
98	28.030	4192	4194	4195	rBV	1964	1525	0.14%	0.017%
99	29.452	4434	4436	4439	rBV4	1551	1575	0.14%	0.018%
100	29.505	4443	4445	4452	rBV7	1937	3245	0.30%	0.036%

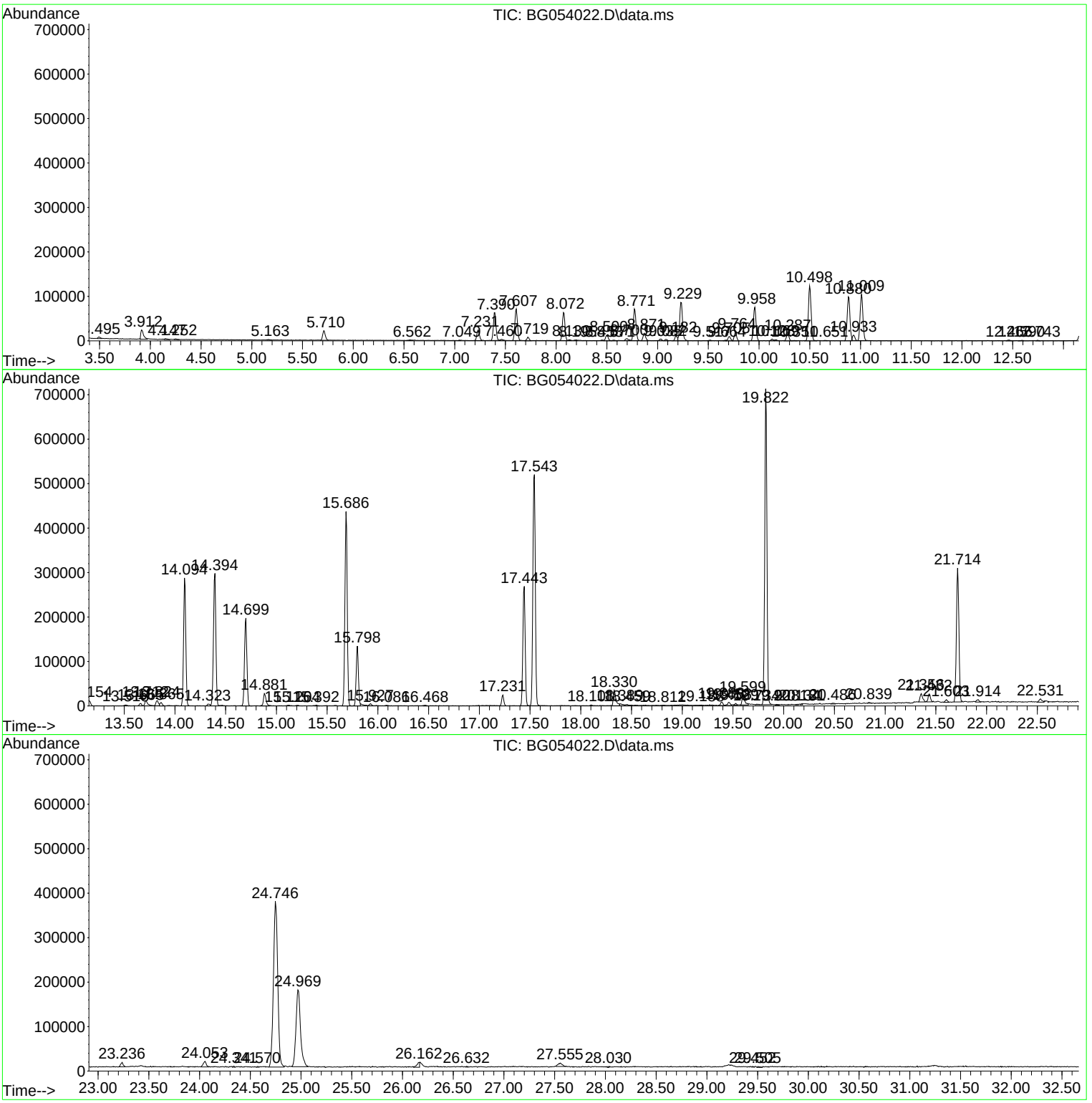
Sum of corrected areas: 8909857

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

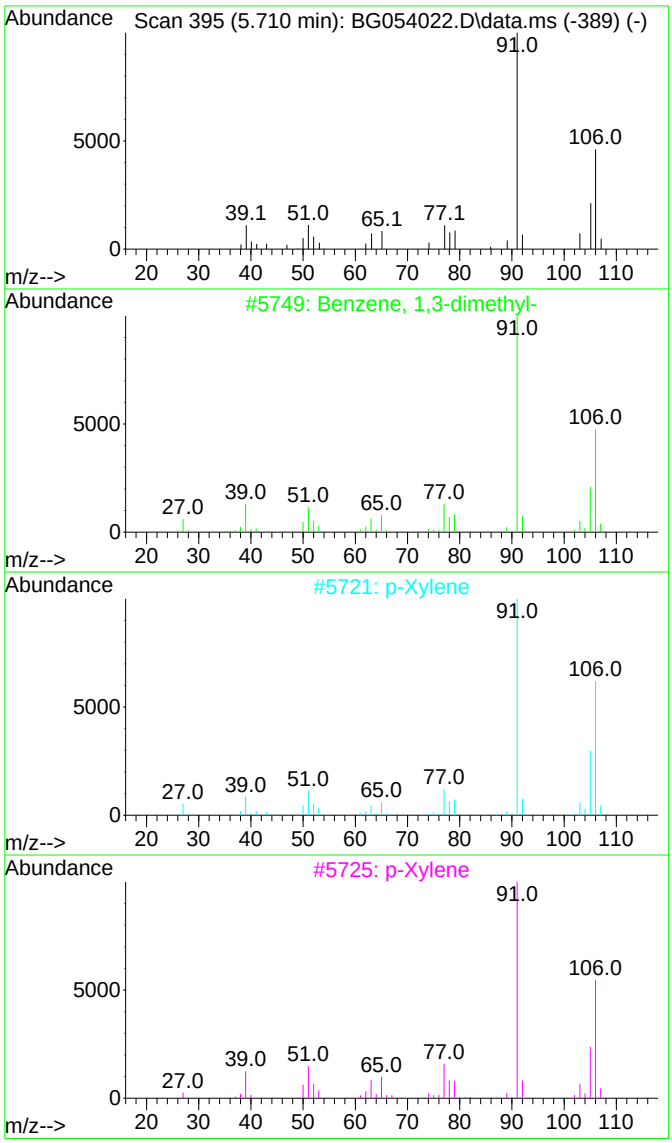
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

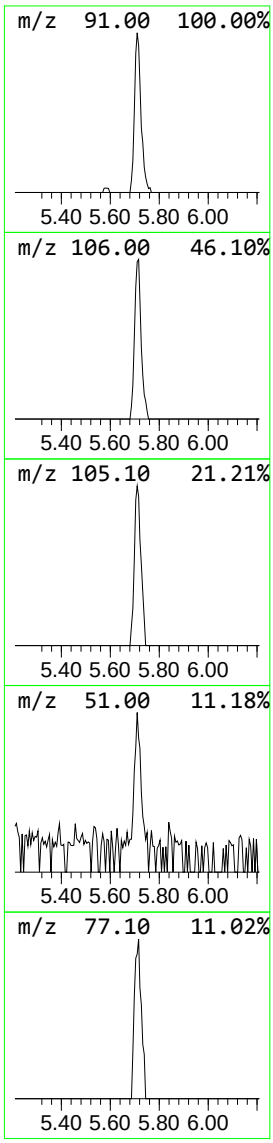
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.710	7.08 ng/ul	39004	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2	p-Xylene	106	C8H10	000106-42-3	94
3	p-Xylene	106	C8H10	000106-42-3	91
4	p-Xylene	106	C8H10	000106-42-3	91
5	p-Xylene	106	C8H10	000106-42-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

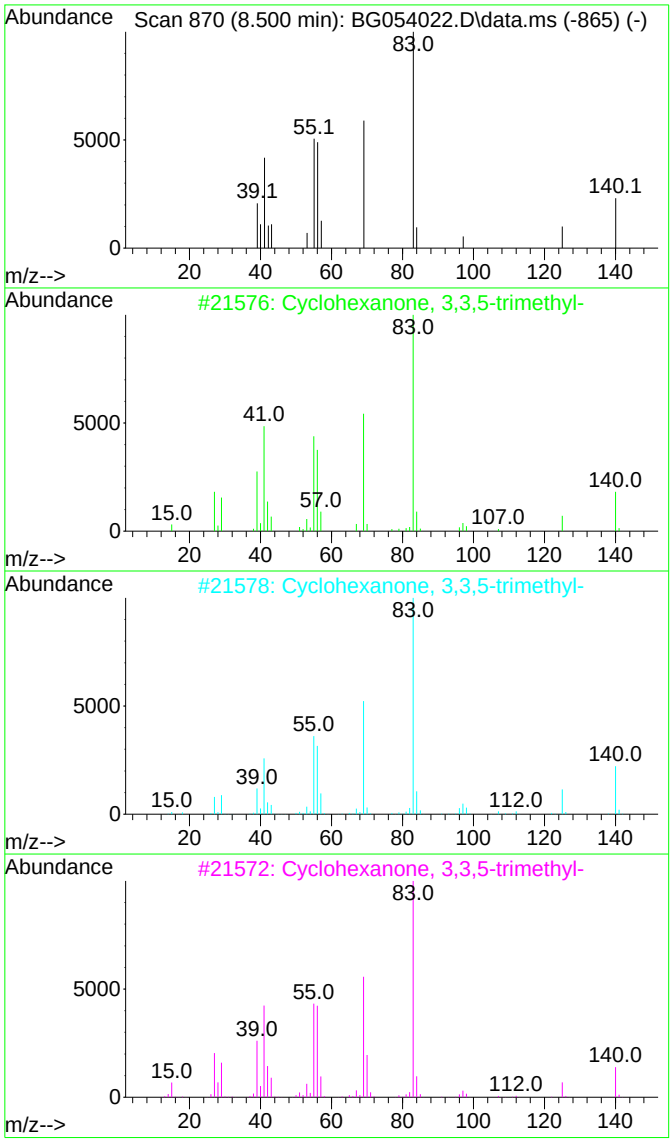
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

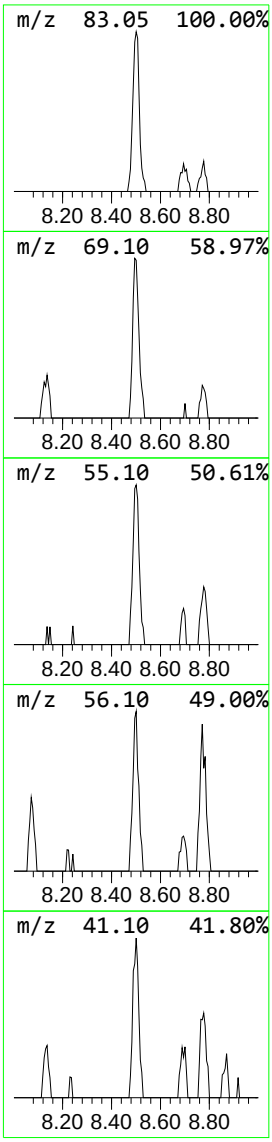
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclohexanone, 3,3,5-trimet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.500	4.07 ng/ul	22433	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
2	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	91
3	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	74
4	Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	72
5	2,4,6-Trimethyl-3-heptene	140	C10H20	1000113-56-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

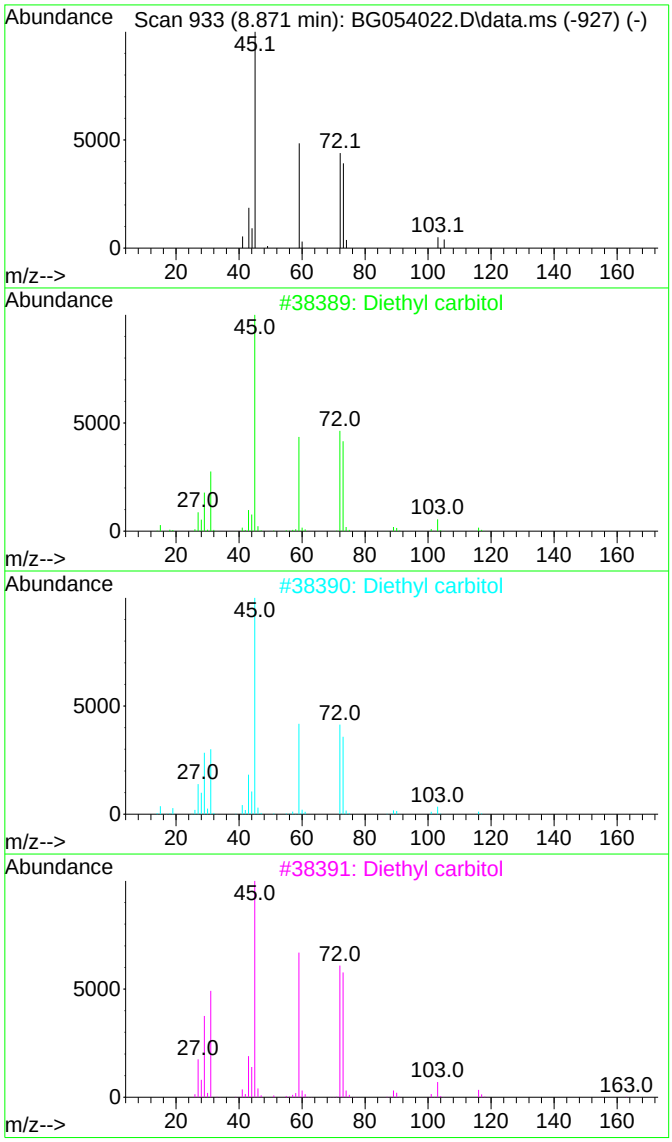
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

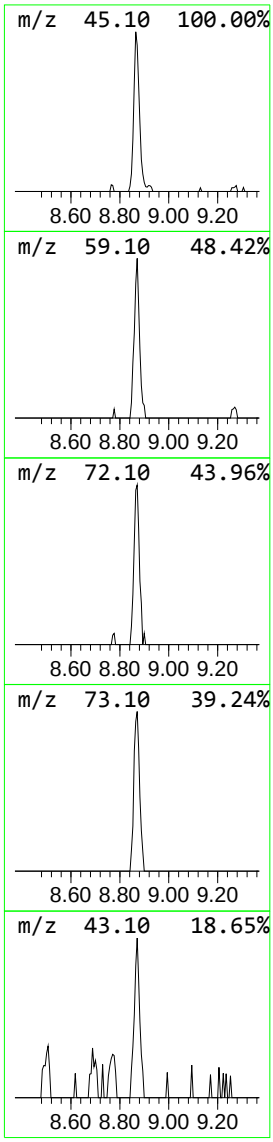
****

Peak Number 4 Diethyl carbitol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.871	5.23 ng/ul	28805	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl carbitol	162	C8H18O3	000112-36-7	78
2	Diethyl carbitol	162	C8H18O3	000112-36-7	78
3	Diethyl carbitol	162	C8H18O3	000112-36-7	45
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	39
5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

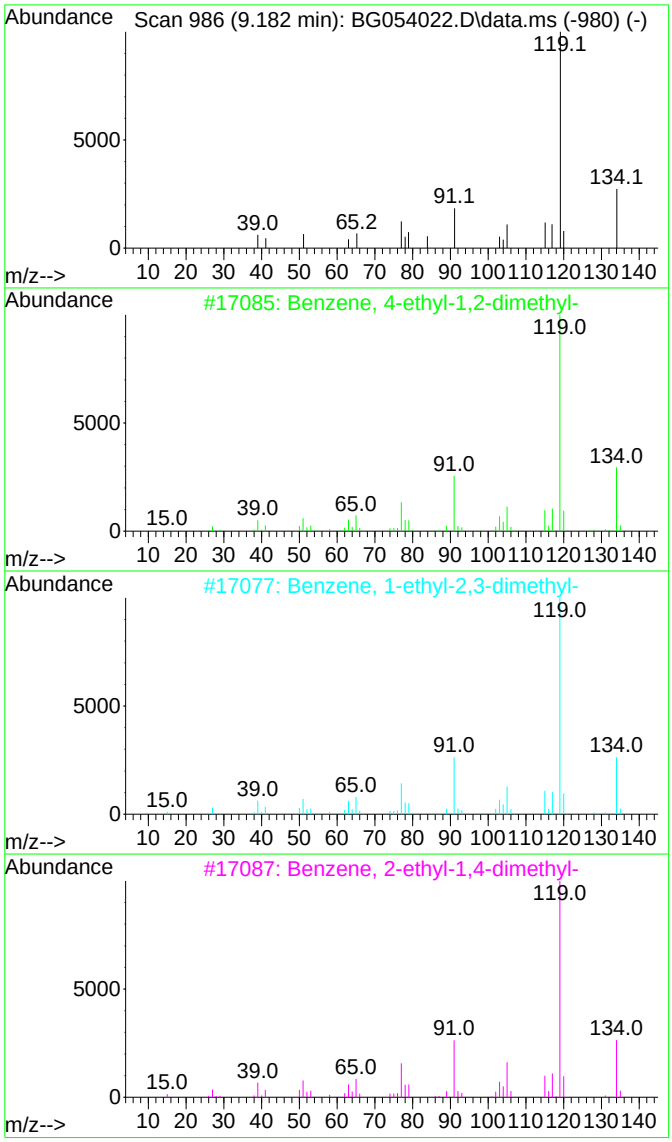
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

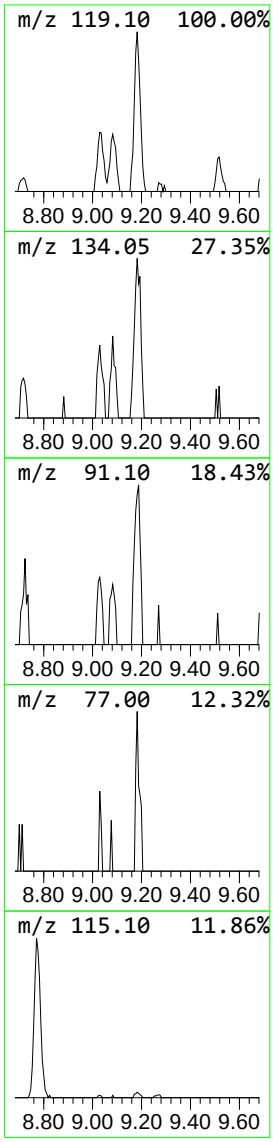
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.182	3.36 ng/ul	18508	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

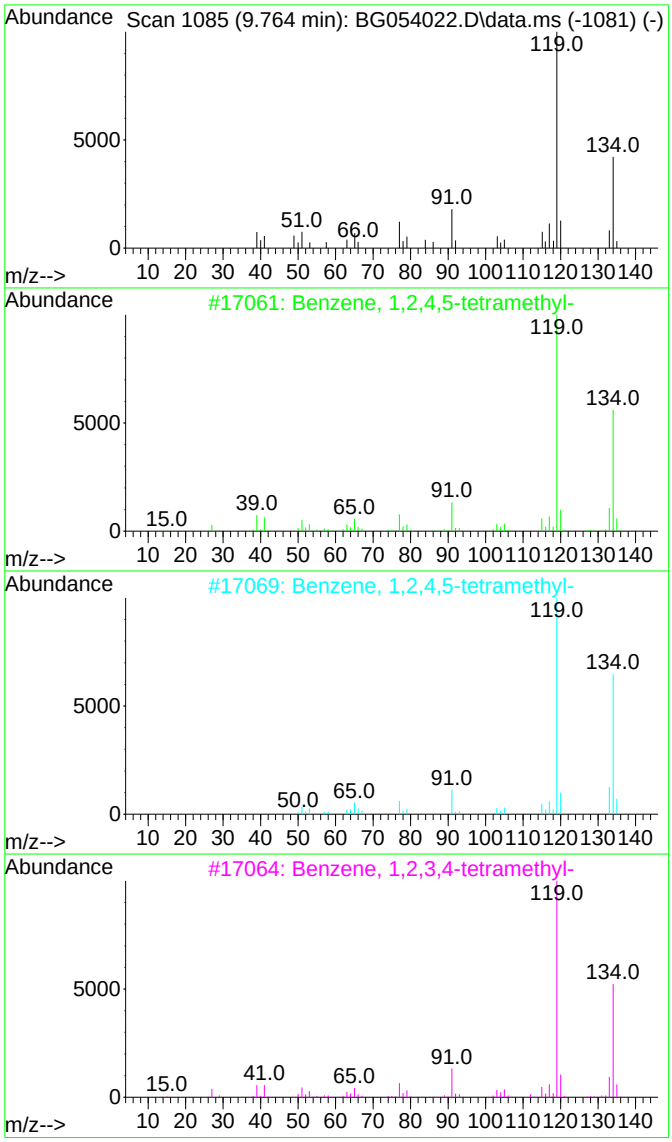
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

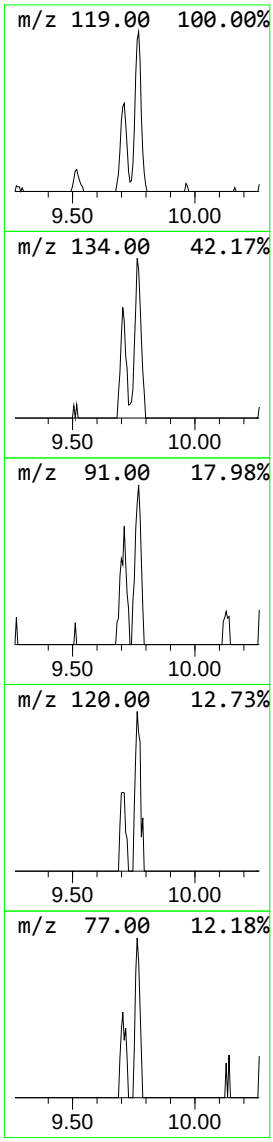
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.764	3.31 ng/ul	30858	Naphthalene-d8	10.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	p-Cymene	134	C10H14	000099-87-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

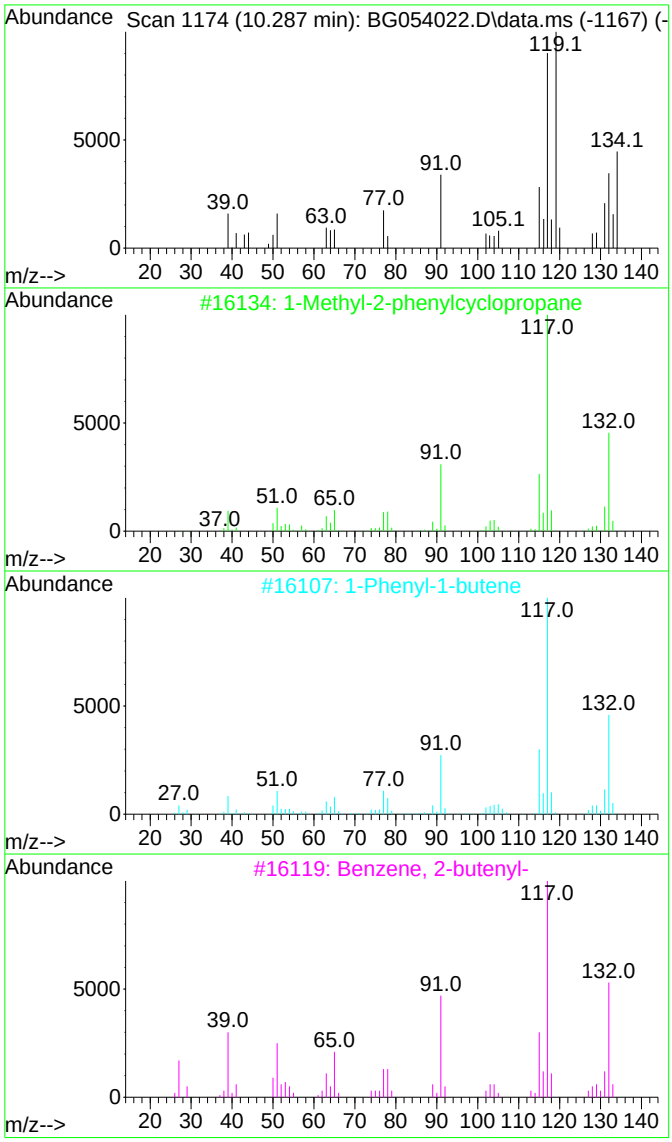
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

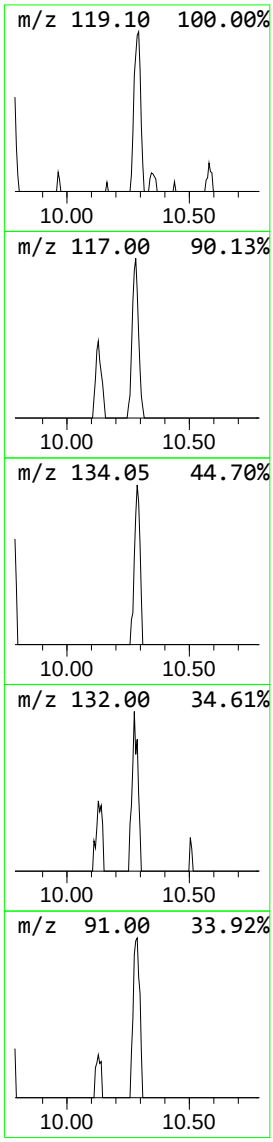
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Methyl-2-phenylcyclopropane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.287	2.97 ng/ul	27675	Naphthalene-d8	10.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	50
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	50
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

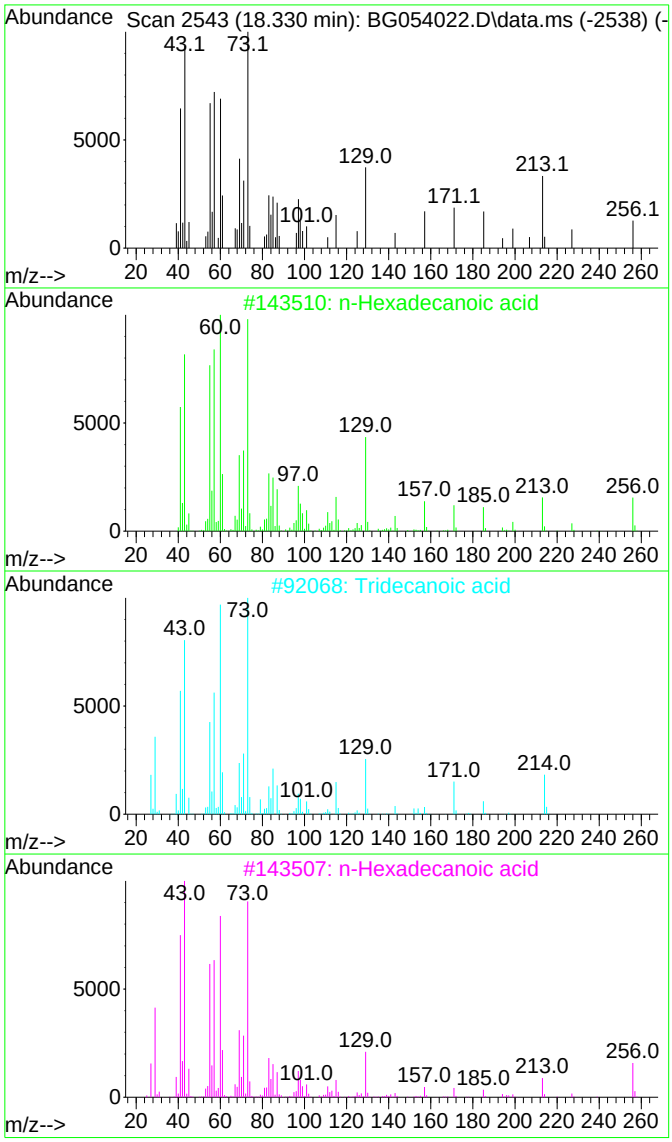
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

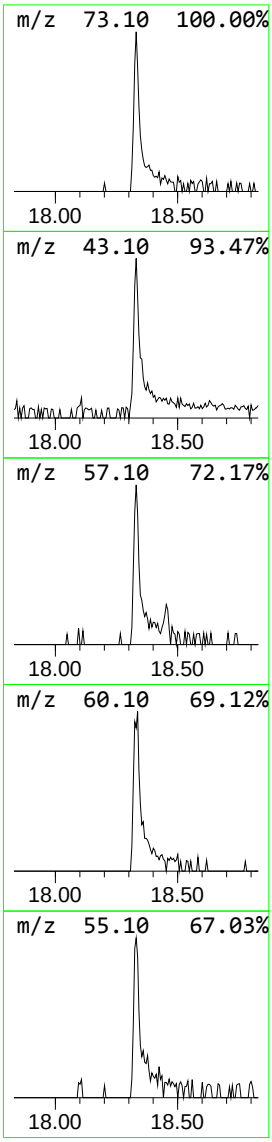
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	2.97 ng/ul	62378	Phenanthrene-d10	17.443

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	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054022.D
Acq On : 23 Jun 2022 20:53
Operator : CG/JU
Sample : N3400-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.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
Benzene, 1,3-di...	5.710	7.1	ng/ul	39004	1	8.072	110165	20.0
Cyclohexanone, ...	8.500	4.1	ng/ul	22433	1	8.072	110165	20.0
Diethyl carbitol	8.871	5.2	ng/ul	28805	1	8.072	110165	20.0
Benzene, 4-ethy...	9.182	3.4	ng/ul	18508	1	8.072	110165	20.0
Benzene, 1,2,4,...	9.764	3.3	ng/ul	30858	2	10.880	186244	20.0
1-Methyl-2-phen...	10.287	3.0	ng/ul	27675	2	10.880	186244	20.0
n-Hexadecanoic ...	18.330	3.0	ng/ul	62378	4	17.443	420509	20.0