LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054028.D
Acq On : 24 Jun 2022 00:47
Operator : CG/JU
Sample : N3400-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD9

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: BG054028.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	14	18	23	rVV4	4117	6797	0.61%	0.074%
2	3.542	23	26	29	rVV4	1172	1710	0.15%	0.018%
3	3.912	86	89	101	rBV	29089	54012	4.83%	0.584%
4	3.988	101	102	107	rVB3	1412	1528	0.14%	0.017%
5	4.153	124	130	134	rBV3	2617	3846	0.34%	0.042%
6	4.247	143	146	153	rVB4	2236	4123	0.37%	0.045%
7	4.693	217	222	225	rBV2	1121	1587	0.14%	0.017%
8	5.910	424	429	435	rVB2	1951	3668	0.33%	0.040%
9	6.967	606	609	614	rVB2	1091	1484	0.13%	0.016%
10	7.231	648	654	664	rVB2	24034	46552	4.16%	0.503%
11	7.396	675	682	691	rBV	70775	126649	11.33%	1.370%
12	7.519	700	703	711	rVB4	1522	2107	0.19%	0.023%
13	7.608	711	718	726	rBV	72430	132211	11.83%	1.430%
14	8.072	790	797	802	rBV	66758	118691	10.62%	1.283%
15	8.130	802	807	819	rVB	107656	182822	16.36%	1.977%
16	8.777	910	917	926	rVV	72932	130099	11.64%	1.407%
17	8.900	933	938	942	rVB3	1789	3794	0.34%	0.041%
18	9.153	978	981	987	rBV2	2983	5418	0.48%	0.059%
19	9.235	987	995	1003	rVV	95316	183065	16.38%	1.980%
20	9.400	1019	1023	1040	rBV2	21730	64130	5.74%	0.693%
21	9.958	1111	1118	1126	rBV	80131	146951	13.15%	1.589%
22	10.246	1161	1167	1169	rBV2	2219	4008	0.36%	0.043%
23	10.498	1202	1210	1220	rBV	131993	249609	22.33%	2.699%
24	10.663	1236	1238	1242	rVB2	1193	1266	0.11%	0.014%
25	10.727	1244	1249	1255	rVB2	6048	9631	0.86%	0.104%
26	10.880	1268	1275	1283	rBV	108254	198432	17.75%	2.146%
27	11.009	1290	1297	1306	rBV	127038	240236	21.49%	2.598%
28	11.526	1378	1385	1392	rBV4	6634	12903	1.15%	0.140%
29	11.709	1412	1416	1418	rBV2	2685	3839	0.34%	0.042%
30	11.820	1432	1435	1441	rVB2	1621	2910	0.26%	0.031%
31	12.467	1540	1545	1550	rVB2	2300	3771	0.34%	0.041%
32	12.743	1587	1592	1595	rBV2	1099	1766	0.16%	0.019%
33	13.277	1678	1683	1686	rBB3	1079	1751	0.16%	0.019%
34	13.536	1723	1727	1732	rVB2	4785	7798	0.70%	0.084%
35	13.718	1751	1758	1762	rBV3	2276	3947	0.35%	0.043%
36	14.094	1816	1822	1829	rBV	280486	440490	39.41%	4.763%

LSC Area Percent Report

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Operator : CG/JU
Sample : N3400-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AD9

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	14.229	1839	1845	1852	rVB4	3904	6390	0.57%	0.069%
38	14.347	1858	1865	1866	rBV4	8317	13760	1.23%	0.149%
39	14.394	1866	1873	1880	rVB	323262	531518	47.55%	5.748%
40	14.482	1883	1888	1892	rVV3	5789	7743	0.69%	0.084%
41	14.699	1918	1925	1932	rBV	209646	339009	30.33%	3.666%
42	14.887	1947	1957	1966	rBV3	25541	48963	4.38%	0.529%
43	15.093	1985	1992	1997	rBV3	3465	7173	0.64%	0.078%
44	15.387	2039	2042	2045	rVV4	1268	1659	0.15%	0.018%
45	15.422	2045	2048	2052	rVB2	1179	1747	0.16%	0.019%
46	15.686	2086	2093	2101	rVB	468152	739075	66.12%	7.992%
47	15.798	2107	2112	2121	rBV	138506	205745	18.41%	2.225%
48	15.898	2124	2129	2131	rVV	2148	3123	0.28%	0.034%
49	15.927	2131	2134	2141	rVB2	4917	6830	0.61%	0.074%
50	16.356	2203	2207	2213	rBV2	3749	6843	0.61%	0.074%
51	16.474	2223	2227	2229	rVB	2271	2460	0.22%	0.027%
52	16.844	2286	2290	2293	rBV2	1153	1371	0.12%	0.015%
53	16.903	2295	2300	2303	rBV2	1450	1973	0.18%	0.021%
54	17.026	2318	2321	2326	rVB	1232	1972	0.18%	0.021%
55	17.443	2384	2392	2400	rBV	291942	456173	40.81%	4.933%
56	17.543	2402	2409	2417	rVV	534668	858874	76.84%	9.288%
57	17.796	2450	2452	2455	rVB2	1238	1331	0.12%	0.014%
58	18.048	2489	2495	2498	rBV4	1731	3167	0.28%	0.034%
59	18.301	2534	2538	2539	rBV3	1033	1267	0.11%	0.014%
60	18.330	2539	2543	2551	rVV2	10827	19487	1.74%	0.211%
61	18.401	2553	2555	2559	rVB3	1934	2402	0.21%	0.026%
62	18.653	2593	2598	2610	rBV2	24815	47598	4.26%	0.515%
63	18.935	2643	2646	2648	rVB2	1456	1767	0.16%	0.019%
64	19.212	2689	2693	2697	rVB4	2700	3374	0.30%	0.036%
65	19.388	2720	2723	2729	rVB3	8132	12441	1.11%	0.135%
66	19.458	2729	2735	2739	rBV	8429	13011	1.16%	0.141%
67	19.599	2755	2759	2765	rBV3	6832	10525	0.94%	0.114%
68	19.676	2770	2772	2775	rVB4	1474	1310	0.12%	0.014%
69	19.699	2775	2776	2780	rBV4	1523	1697	0.15%	0.018%
70	19.746	2780	2784	2785	rBV4	1623	2361	0.21%	0.026%
71	19.823	2791	2797	2808	rBV	708536	1094728	97.94%	11.838%
72	19.922	2812	2814	2821	rVB5	1455	2236	0.20%	0.024%
73	19.975	2821	2823	2827	rBV4	2501	2984	0.27%	0.032%
74	20.158	2851	2854	2855	rBV3	1645	1613	0.14%	0.017%
75	20.328	2880	2883	2885	rVB4	2522	1977	0.18%	0.021%
76	20.357	2885	2888	2891	rBV5	2254	2764	0.25%	0.030%

LSC Area Percent Report

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Sample : N3400-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD9

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

77	20.393	2891	2894	2896	rBV3	1557	2105	0.19%	0.023%
78	20.545	2918	2920	2925	rVB3	2540	3024	0.27%	0.033%
79	20.780	2958	2960	2962	rBV3	2294	1247	0.11%	0.013%
80	21.021	2999	3001	3006	rVB6	1904	1811	0.16%	0.020%
81	21.274	3042	3044	3045	rBV2	2427	2029	0.18%	0.022%
82	21.356	3053	3058	3068	rBV6	15295	30343	2.71%	0.328%
83	21.432	3068	3071	3075	rVB	9349	13529	1.21%	0.146%
84	21.715	3112	3119	3127	rBV	325584	555117	49.66%	6.003%
85	21.908	3150	3152	3157	rVB6	3455	3742	0.33%	0.040%
86	22.226	3205	3206	3208	rBV2	1863	1601	0.14%	0.017%
87	22.455	3243	3245	3247	rVB3	2560	1747	0.16%	0.019%
88	23.236	3374	3378	3384	rVB6	6815	11834	1.06%	0.128%
89	23.436	3406	3412	3416	rVB7	4821	8057	0.72%	0.087%
90	23.536	3426	3429	3431	rBV3	2275	2263	0.20%	0.024%
91	24.053	3513	3517	3525	rVB5	9483	17669	1.58%	0.191%
92	24.752	3624	3636	3653	rVB2	383680	1117785	100.00%	12.087%
93	24.975	3663	3674	3687	rBV2	180835	560554	50.15%	6.062%
94	25.710	3797	3799	3802	rBV4	1698	1447	0.13%	0.016%
95	26.174	3868	3878	3891	rBV6	9436	27796	2.49%	0.301%
96	26.339	3904	3906	3907	rVB	2518	1258	0.11%	0.014%
97	27.361	4078	4080	4083	rBV3	1650	2051	0.18%	0.022%
98	28.824	4327	4329	4331	rBV2	1885	1306	0.12%	0.014%
99	29.799	4493	4495	4498	rBV3	2230	3310	0.30%	0.036%
100	32.614	4972	4974	4976	rBV3	1721	1810	0.16%	0.020%

Sum of corrected areas: 9247477

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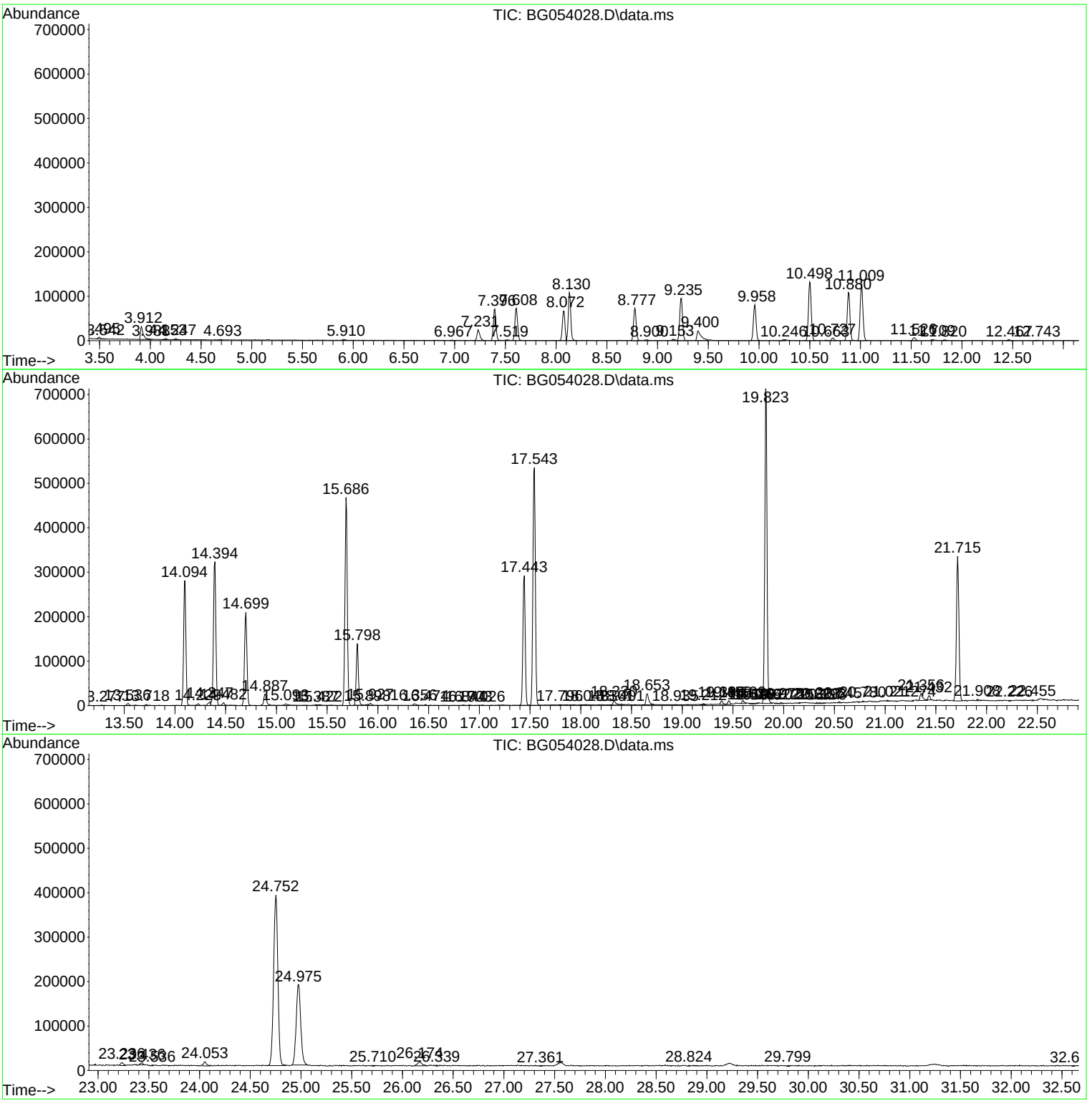
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD9

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\
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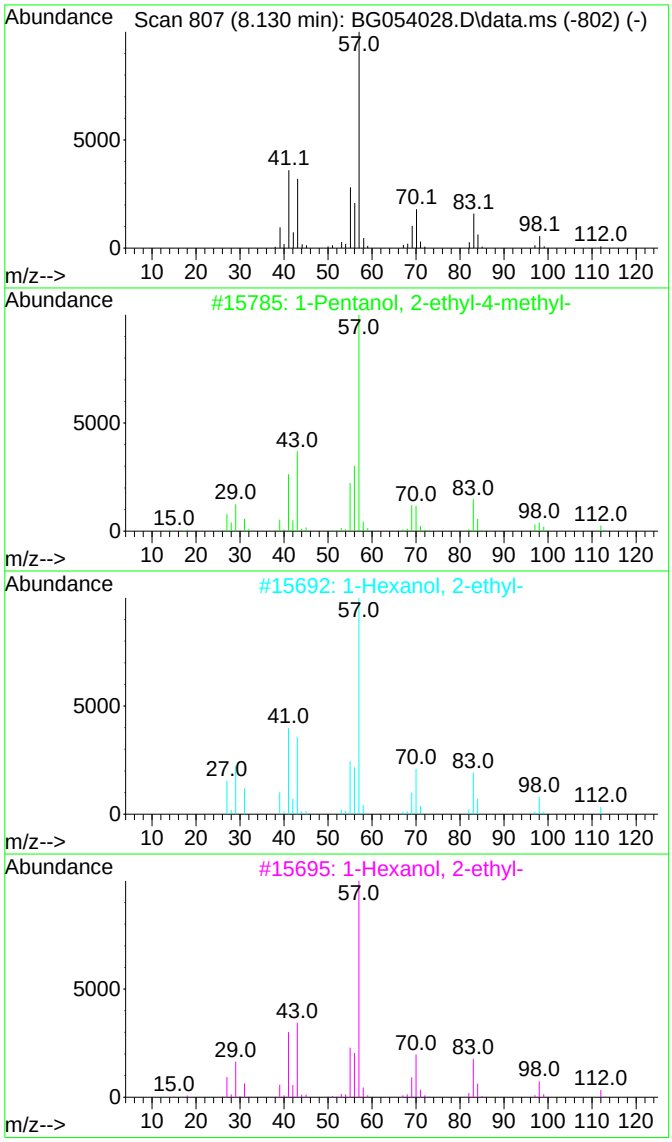
Quant Title : SVOA CALIBRATION

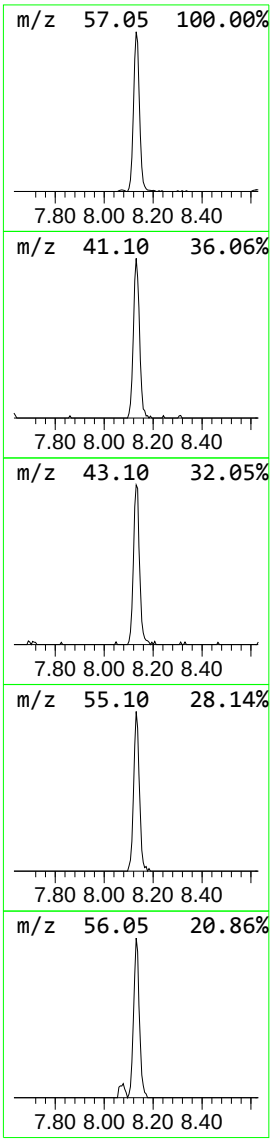
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.130	30.81 ng/ul	182822	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64





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Data File : BG054028.D
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Sample : N3400-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD9

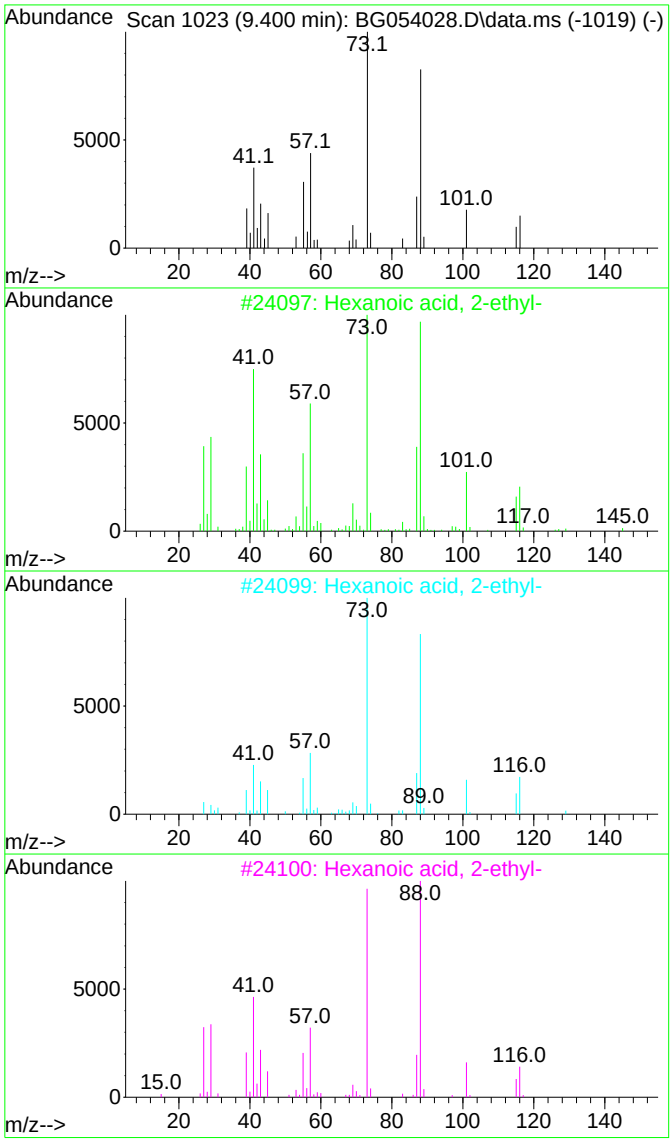
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

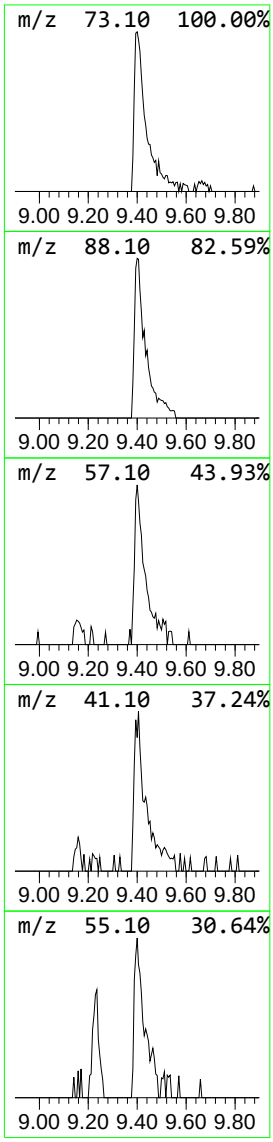
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.400	10.81 ng/ul	64130	1,4-Dichlorobenzene-d4	8.072

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78





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Instrument :
BNA_G
ClientSampleId :
C0AD9

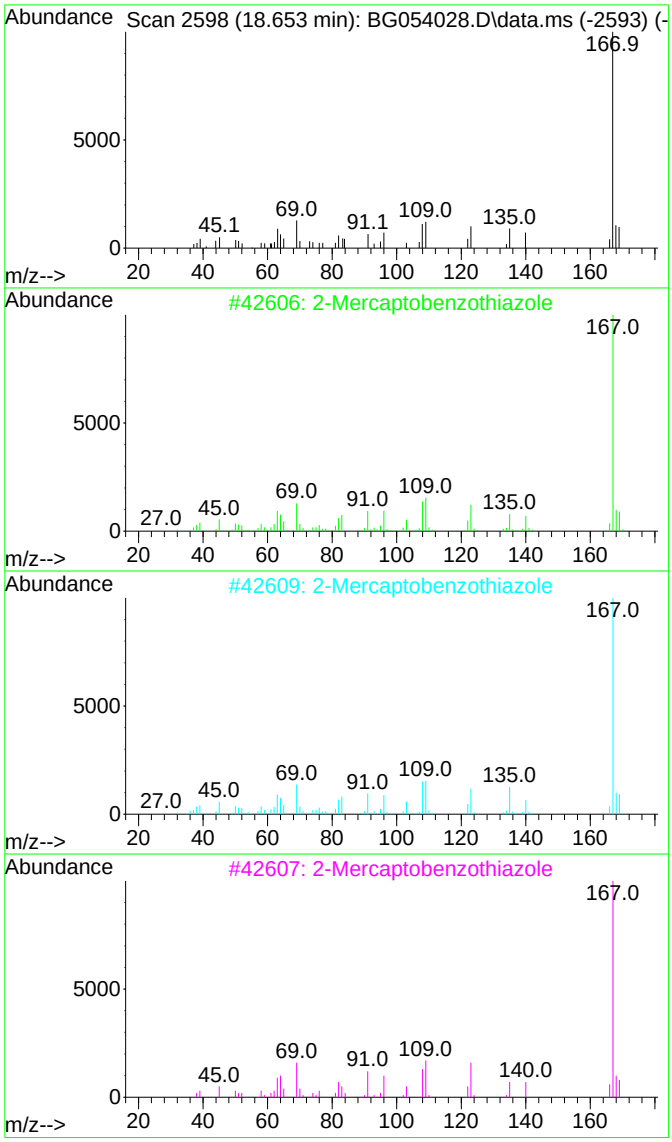
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION

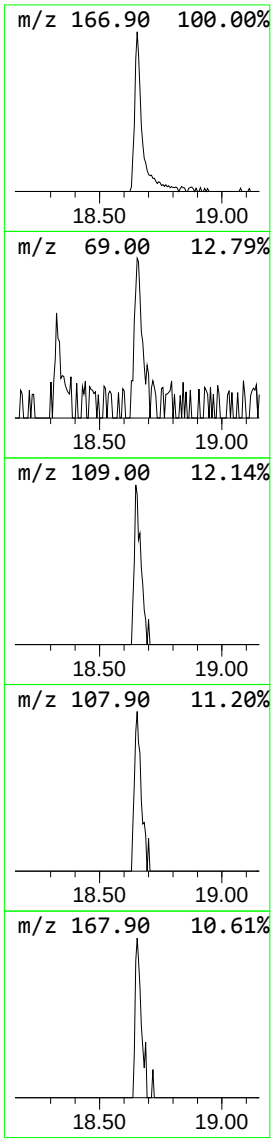
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Mercaptobenzothiazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.653	2.09 ng/ul	47598	Phenanthrene-d10	17.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
2	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
3	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
4	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	94
5	2-Mercaptobenzothiazole	167	C7H5NS2	000149-30-4	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062322\
Data File : BG054028.D
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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
1-Pentanol, 2-e...	8.130	30.8	ng/ul	182822	1	8.072	118691	20.0
Hexanoic acid, ...	9.400	10.8	ng/ul	64130	1	8.072	118691	20.0
2-Mercaptobenzo...	18.653	2.1	ng/ul	47598	4	17.443	456173	20.0