LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056891.D
Acq On : 8 Mar 2023 21:58
Operator : CG/JU
Sample : 01784-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DCAF4

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-BG030723.M
Title : SVOA CALIBRATION

Signal : TIC: BG056891.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.690	23	26	30	rVB4	3168	3964	0.59%	0.074%
2	4.137	98	102	113	rVB	13457	23257	3.46%	0.434%
3	4.372	139	142	143	rBV	1188	1092	0.16%	0.020%
4	4.489	159	162	167	rVB3	1300	1689	0.25%	0.031%
5	6.763	545	549	552	rBV	837	1049	0.16%	0.020%
6	7.539	675	681	689	rVB2	12612	21317	3.17%	0.398%
7	7.721	705	712	719	rBV	50303	82756	12.32%	1.543%
8	7.938	743	749	756	rVB2	47256	78856	11.74%	1.470%
9	8.414	824	830	837	rBV	54579	89717	13.36%	1.673%
10	9.107	942	948	956	rVB	35931	62362	9.28%	1.163%
11	9.589	1023	1030	1039	rVB	67210	119674	17.82%	2.232%
12	9.677	1039	1045	1052	rBV2	6065	11362	1.69%	0.212%
13	9.742	1054	1056	1062	rBB2	653	898	0.13%	0.017%
14	10.324	1148	1155	1161	rVB	58860	101113	15.05%	1.886%
15	10.864	1240	1247	1254	rVB	73410	128578	19.14%	2.398%
16	11.258	1307	1314	1322	rBV	77533	135575	20.18%	2.528%
17	11.381	1327	1335	1342	rBV	58053	102086	15.20%	1.904%
18	12.809	1576	1578	1584	rBV3	1635	2086	0.31%	0.039%
19	14.413	1845	1851	1858	rBV	188609	281849	41.96%	5.256%
20	14.730	1897	1905	1913	rBV	190407	298981	44.51%	5.575%
21	15.030	1949	1956	1964	rVB	146830	226879	33.77%	4.231%
22	15.100	1964	1968	1970	rBV	655	955	0.14%	0.018%
23	15.189	1975	1983	1990	rBV2	17690	28492	4.24%	0.531%
24	16.017	2116	2124	2131	rBV	279924	420123	62.54%	7.834%
25	16.117	2135	2141	2152	rVB	116714	167690	24.96%	3.127%
26	17.774	2417	2423	2433	rVB	224918	338524	50.40%	6.313%
27	17.868	2433	2439	2447	rVB	338129	526480	78.38%	9.818%
28	18.614	2564	2566	2568	rVB	1093	908	0.14%	0.017%
29	19.666	2741	2745	2747	rVB3	756	1044	0.16%	0.019%
30	19.707	2747	2752	2755	rBV3	4825	7232	1.08%	0.135%
31	19.771	2758	2763	2769	rBV2	4763	6984	1.04%	0.130%
32	19.912	2785	2787	2790	rBV3	978	1456	0.22%	0.027%
33	20.006	2801	2803	2808	rBV4	1825	2149	0.32%	0.040%
34	20.136	2818	2825	2833	rBV	465270	671737	100.00%	12.526%
35	20.335	2856	2859	2860	rBV2	1539	1312	0.20%	0.024%
36	20.659	2912	2914	2916	rVB2	1470	1355	0.20%	0.025%

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DCAF4

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Title : SVOA CALIBRATION

37	20.682	2916	2918	2922	rBV4	885	1273	0.19%	0.024%
38	21.052	2978	2981	2986	rVB4	6462	7578	1.13%	0.141%
39	22.092	3152	3158	3166	rVB2	226410	388074	57.77%	7.237%
40	22.421	3213	3214	3215	rBV	2531	1133	0.17%	0.021%
41	22.909	3295	3297	3299	rBV3	1882	1742	0.26%	0.032%
42	24.642	3590	3592	3594	rBV3	1713	1037	0.15%	0.019%
43	25.400	3710	3721	3732	rVB2	211154	617265	91.89%	11.510%
44	25.547	3745	3746	3748	rBV2	2038	1266	0.19%	0.024%
45	25.647	3752	3763	3775	rVB2	127417	382790	56.99%	7.138%
46	25.764	3781	3783	3784	rBV2	1542	909	0.14%	0.017%
47	27.645	4101	4103	4108	rBV2	1457	1734	0.26%	0.032%
48	28.367	4225	4226	4227	rBV	1731	946	0.14%	0.018%
49	29.319	4385	4388	4389	rBV3	1533	1210	0.18%	0.023%
50	29.901	4485	4487	4488	rBV2	1860	1234	0.18%	0.023%
51	31.187	4704	4706	4709	rBV3	1964	1847	0.27%	0.034%
52	31.987	4840	4842	4844	rBV3	1445	1031	0.15%	0.019%

Sum of corrected areas: 5362650

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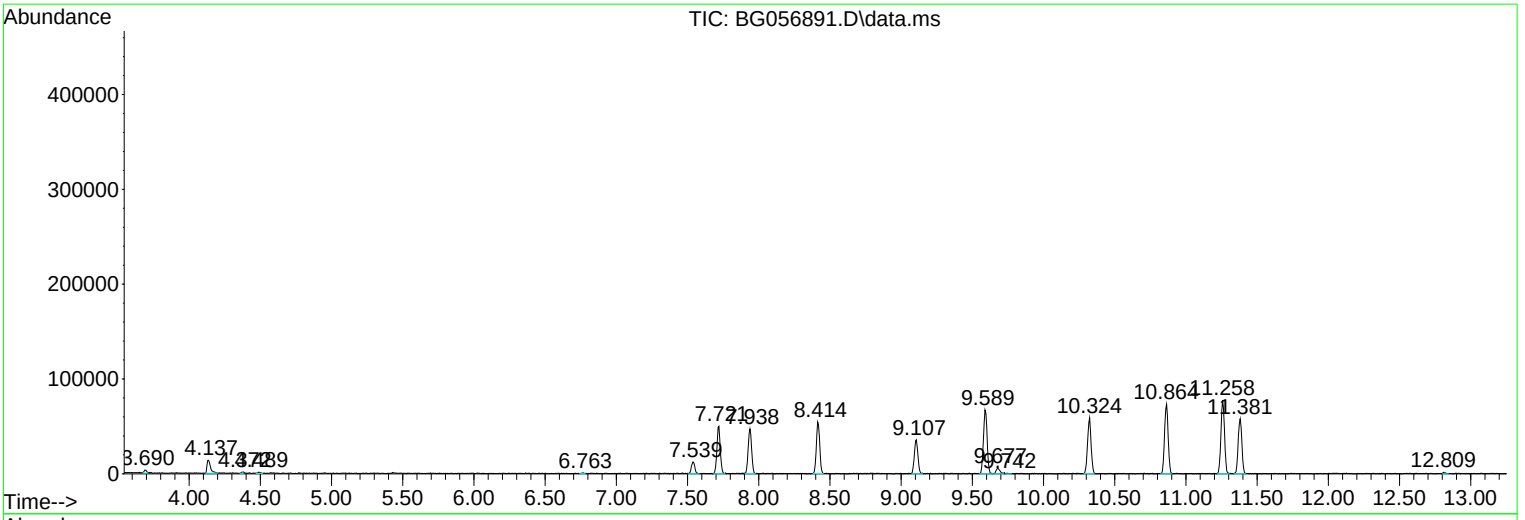
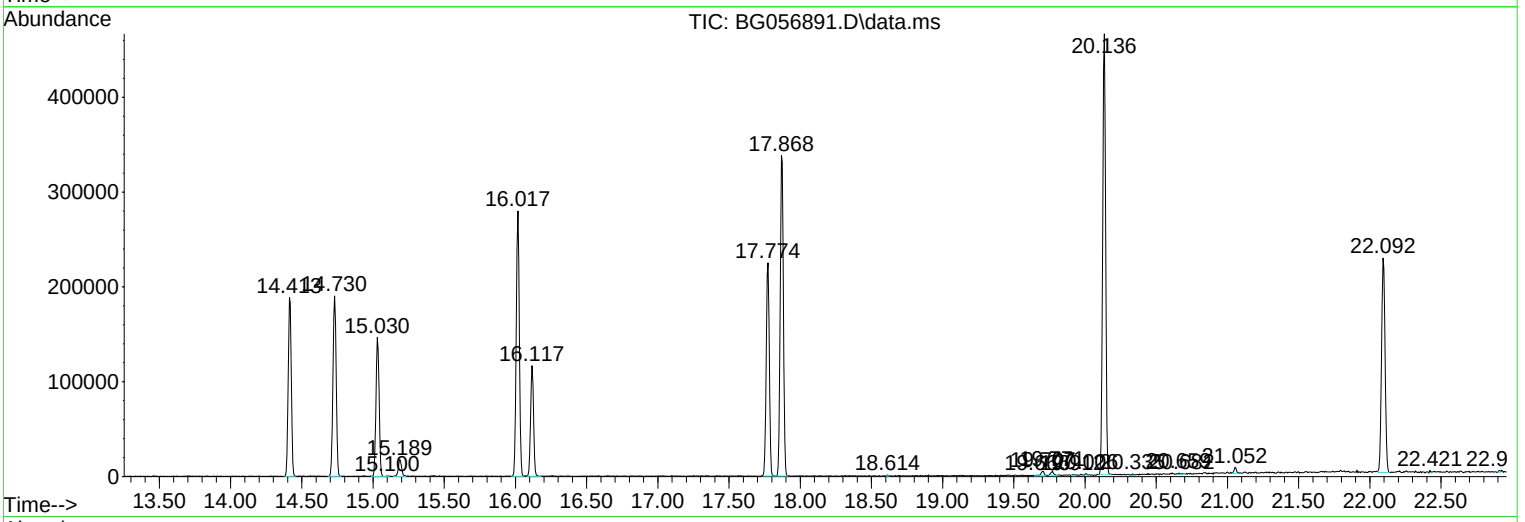
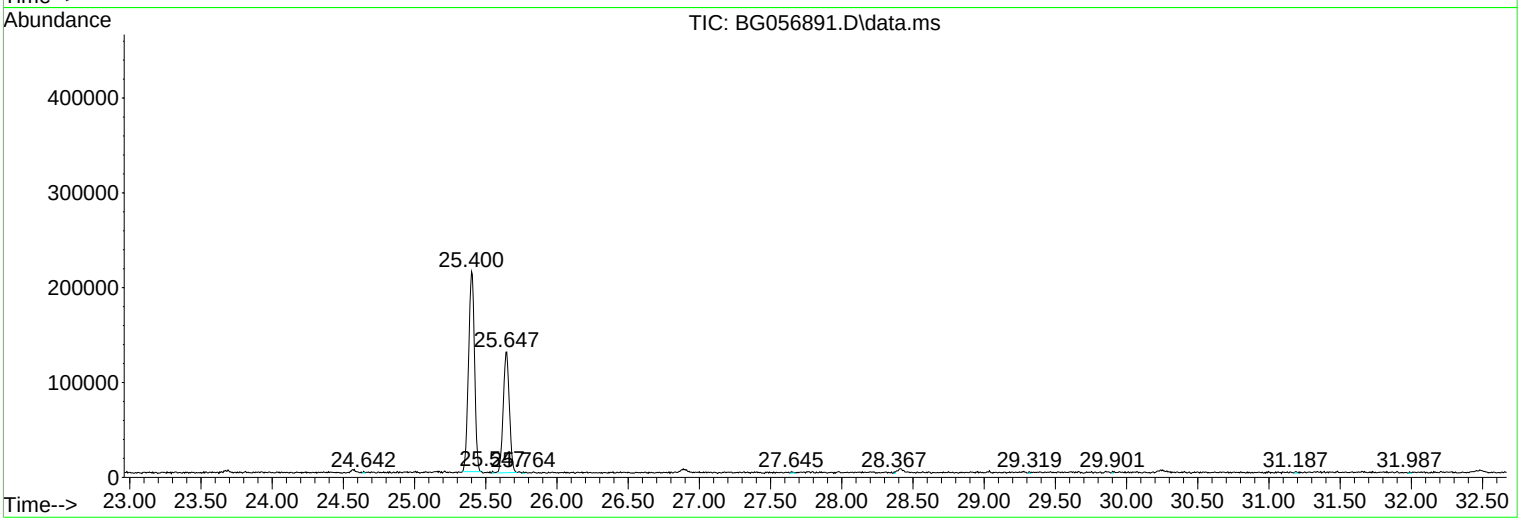
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

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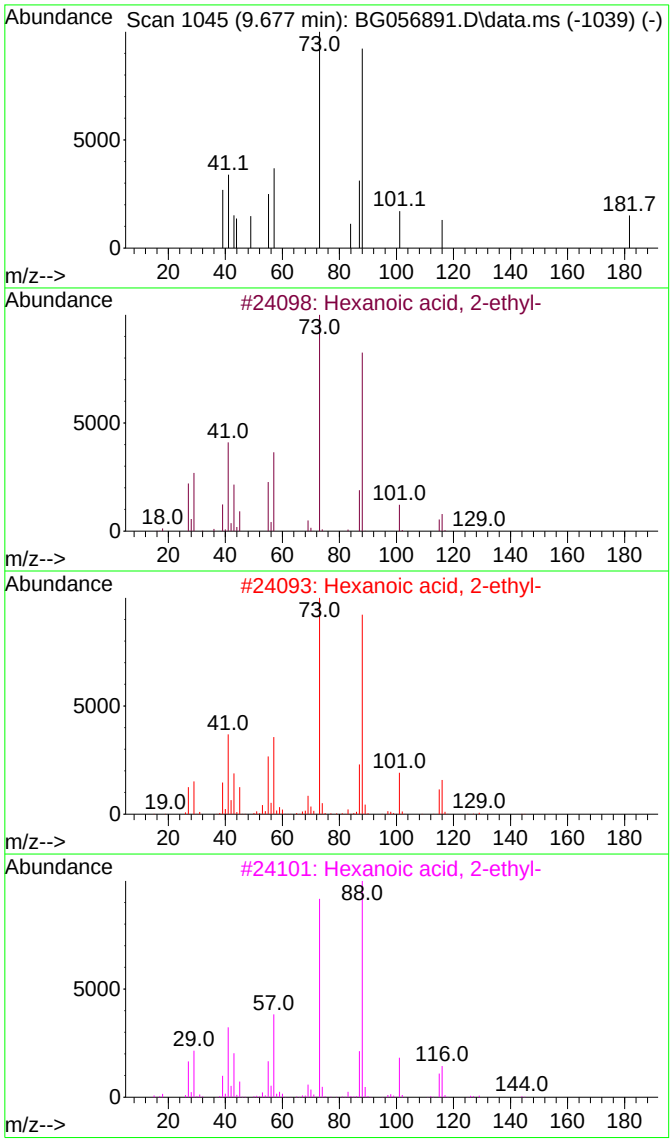
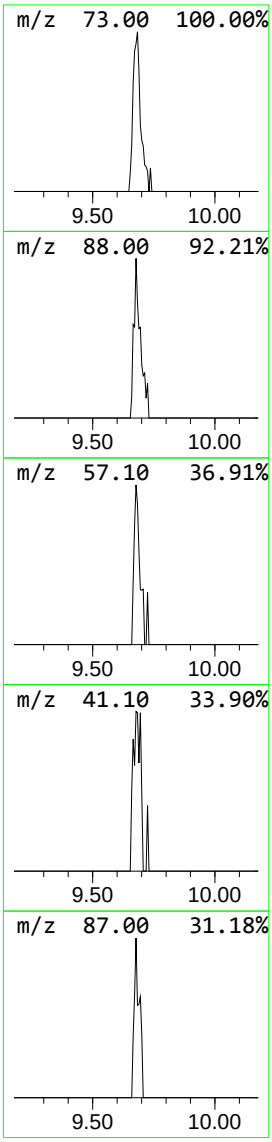
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexanoic acid, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.677	2.53 ng/ul	11362	1,4-Dichlorobenzene-d4	8.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	45
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
5	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	42





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.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
Hexanoic acid, ...	9.677	2.5	ng/ul	11362	1	8.414	89717	20.0