LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
Data File : BP007756.D
Acq On : 28 Oct 2021 16:45
Operator : CG/JU
Sample : M4282-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY81

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

Signal : TIC: BP007756.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.340	4	9	12	rBV	152436	214489	3.28%	0.336%
2	3.799	64	87	89	rBV	437427	1745423	26.70%	2.734%
3	3.817	89	90	102	rVB	123297	147420	2.26%	0.231%
4	4.205	121	156	159	rBV	725109	4328968	66.23%	6.782%
5	4.822	253	261	277	rBV2	90294	285326	4.37%	0.447%
6	5.122	277	312	315	rBV	599727	3522256	53.89%	5.518%
7	5.505	359	377	387	rBV	323449	1127287	17.25%	1.766%
8	6.022	460	465	469	rBV2	5775	8591	0.13%	0.013%
9	6.140	482	485	492	rBV9	3355	7294	0.11%	0.011%
10	6.317	509	515	522	rBV5	16569	33366	0.51%	0.052%
11	6.799	593	597	601	rBV5	4229	6664	0.10%	0.010%
12	6.940	614	621	626	rBV2	39291	67510	1.03%	0.106%
13	7.093	641	647	656	rVB	338226	531782	8.14%	0.833%
14	7.258	668	675	688	rVB	638769	1004454	15.37%	1.574%
15	7.463	701	710	718	rBV	722313	1167061	17.86%	1.828%
16	7.546	720	724	725	rBV3	6246	6915	0.11%	0.011%
17	7.928	782	789	797	rBV	593105	922199	14.11%	1.445%
18	8.005	797	802	808	rVB	31492	47573	0.73%	0.075%
19	8.481	876	883	890	rVB	4460	11538	0.18%	0.018%
20	8.640	903	910	919	rBV	723066	1180128	18.06%	1.849%
21	9.087	979	986	997	rBV	807663	1290010	19.74%	2.021%
22	9.552	1057	1065	1070	rVB7	7465	16669	0.26%	0.026%
23	9.810	1100	1109	1123	rBV	658726	1072722	16.41%	1.681%
24	9.963	1132	1135	1140	rBV7	3951	7016	0.11%	0.011%
25	10.352	1193	1201	1214	rBV	1007790	1659215	25.39%	2.599%
26	10.516	1222	1229	1239	rBV	133225	225766	3.45%	0.354%
27	10.734	1256	1266	1278	rVB	817795	1370084	20.96%	2.146%
28	10.863	1281	1288	1300	rBV	814319	1436580	21.98%	2.251%
29	12.169	1504	1510	1513	rBV6	4717	8974	0.14%	0.014%
30	12.316	1529	1535	1542	rVB2	17370	31803	0.49%	0.050%
31	12.540	1568	1573	1577	rVB8	3784	6605	0.10%	0.010%
32	13.181	1680	1682	1690	rVB8	5965	9674	0.15%	0.015%
33	13.410	1716	1721	1725	rVV6	6579	8812	0.13%	0.014%
34	13.475	1725	1732	1737	rVV8	9507	18693	0.29%	0.029%
35	13.534	1737	1742	1747	rVB7	5664	10742	0.16%	0.017%
36	13.604	1749	1754	1761	rVB8	5667	10322	0.16%	0.016%

LSC Area Percent Report

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Sample : M4282-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY81

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

37	13.975	1808	1817	1829	rBV	1875189	2691369	41.18%	4.216%
38	14.257	1855	1865	1881	rBV	2115498	3133001	47.93%	4.908%
39	14.475	1898	1902	1908	rVB7	7494	12733	0.19%	0.020%
40	14.569	1910	1918	1929	rBV	1259748	1906539	29.17%	2.987%
41	14.757	1939	1950	1961	rBV	312326	513633	7.86%	0.805%
42	14.916	1972	1977	1985	rVB	4135	8429	0.13%	0.013%
43	14.987	1985	1989	1992	rBV6	6710	8534	0.13%	0.013%
44	15.116	2001	2011	2016	rBV2	22927	53333	0.82%	0.084%
45	15.263	2031	2036	2044	rBV	56592	93582	1.43%	0.147%
46	15.334	2045	2048	2053	rVV3	10050	14530	0.22%	0.023%
47	15.381	2053	2056	2059	rVV5	5466	7266	0.11%	0.011%
48	15.434	2062	2065	2068	rVB2	11296	11884	0.18%	0.019%
49	15.563	2077	2087	2099	rBV	2833898	4081008	62.44%	6.393%
50	15.675	2100	2106	2121	rVV	850001	1187429	18.17%	1.860%
51	15.804	2122	2128	2136	rVB2	36713	59251	0.91%	0.093%
52	15.934	2146	2150	2156	rBV9	5673	9537	0.15%	0.015%
53	16.004	2158	2162	2167	rBV8	4793	7823	0.12%	0.012%
54	16.057	2167	2171	2176	rVB	20384	28383	0.43%	0.044%
55	16.251	2195	2204	2208	rBV	8548	22471	0.34%	0.035%
56	16.292	2208	2211	2217	rVV3	14005	19936	0.31%	0.031%
57	16.357	2217	2222	2227	rVB9	6689	12811	0.20%	0.020%
58	16.469	2236	2241	2244	rBV7	4754	7196	0.11%	0.011%
59	16.575	2254	2259	2263	rBV3	8370	11447	0.18%	0.018%
60	17.098	2341	2348	2354	rBV8	21076	49077	0.75%	0.077%
61	17.322	2378	2386	2396	rBV	1618239	2344416	35.87%	3.673%
62	17.422	2396	2403	2415	rBV2	3388176	4924000	75.34%	7.714%
63	17.575	2425	2429	2433	rBV7	4627	8852	0.14%	0.014%
64	17.692	2446	2449	2459	rBV8	6800	14969	0.23%	0.023%
65	17.839	2470	2474	2477	rBV4	14224	19069	0.29%	0.030%
66	18.004	2498	2502	2506	rVB2	21984	27410	0.42%	0.043%
67	18.216	2534	2538	2544	rBV	72729	103075	1.58%	0.161%
68	18.286	2547	2550	2554	rVB	14991	20156	0.31%	0.032%
69	18.510	2585	2588	2595	rVB6	20167	32745	0.50%	0.051%
70	19.116	2689	2691	2692	rBV2	13075	8387	0.13%	0.013%
71	19.233	2707	2711	2715	rBV2	50590	73996	1.13%	0.116%
72	19.304	2719	2723	2728	rVV	41082	57290	0.88%	0.090%
73	19.451	2745	2748	2755	rBV5	22063	28302	0.43%	0.044%
74	19.657	2777	2783	2789	rBV	4544302	5998005	91.77%	9.397%
75	21.127	3030	3033	3039	rBV	123038	156091	2.39%	0.245%
76	21.410	3076	3081	3092	rBV	2167903	2920833	44.69%	4.576%

LSC Area Percent Report

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Sample : M4282-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY81

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

77	23.698	3462	3470	3479	rBV2	3335393	6536023	100.00%	10.239%
78	23.851	3489	3496	3508	rVB2	1412596	3057249	46.78%	4.790%

Sum of corrected areas: 63832001

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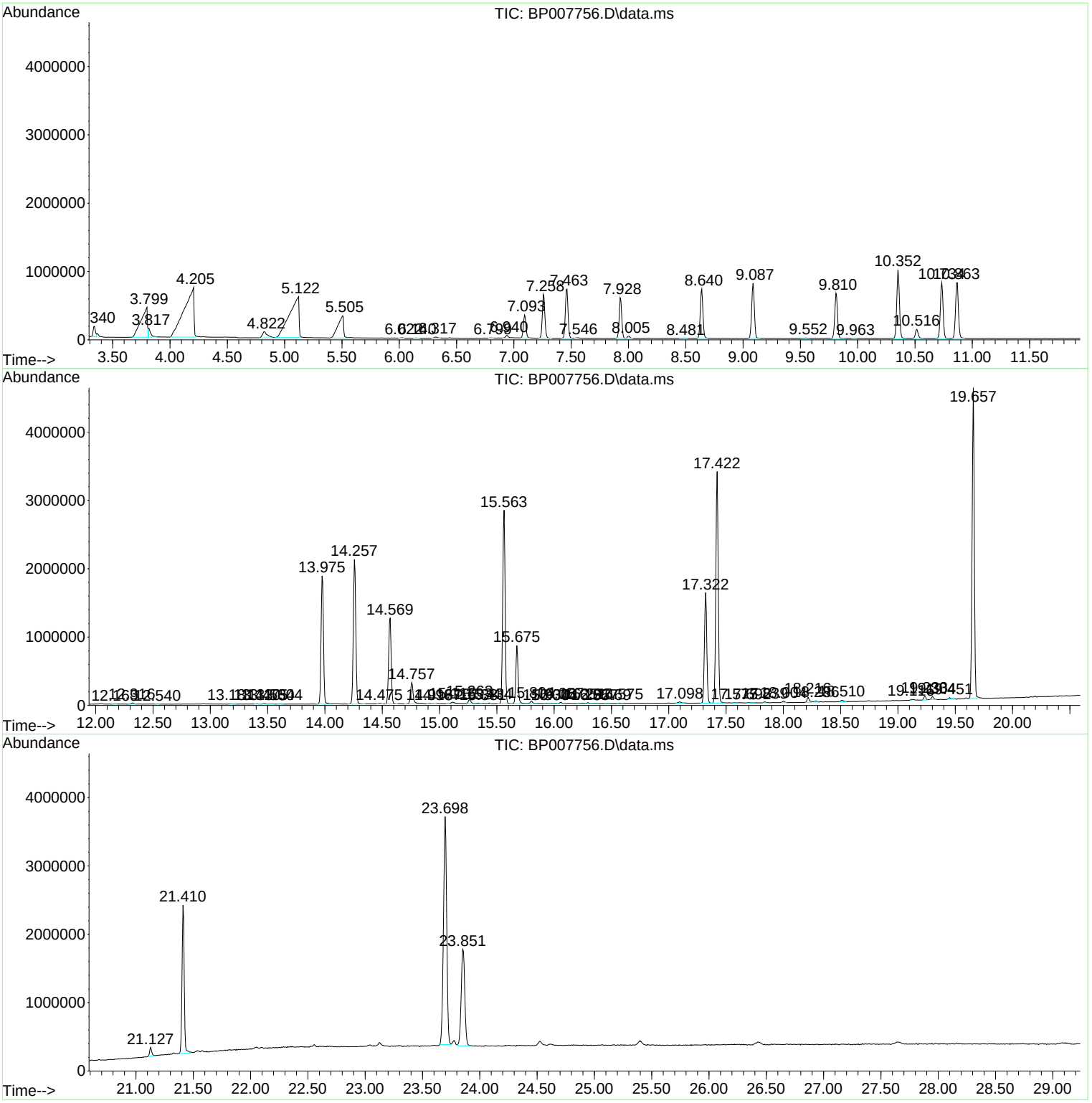
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY81

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
Data File : BP007756.D
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Operator : CG/JU
Sample : M4282-11
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

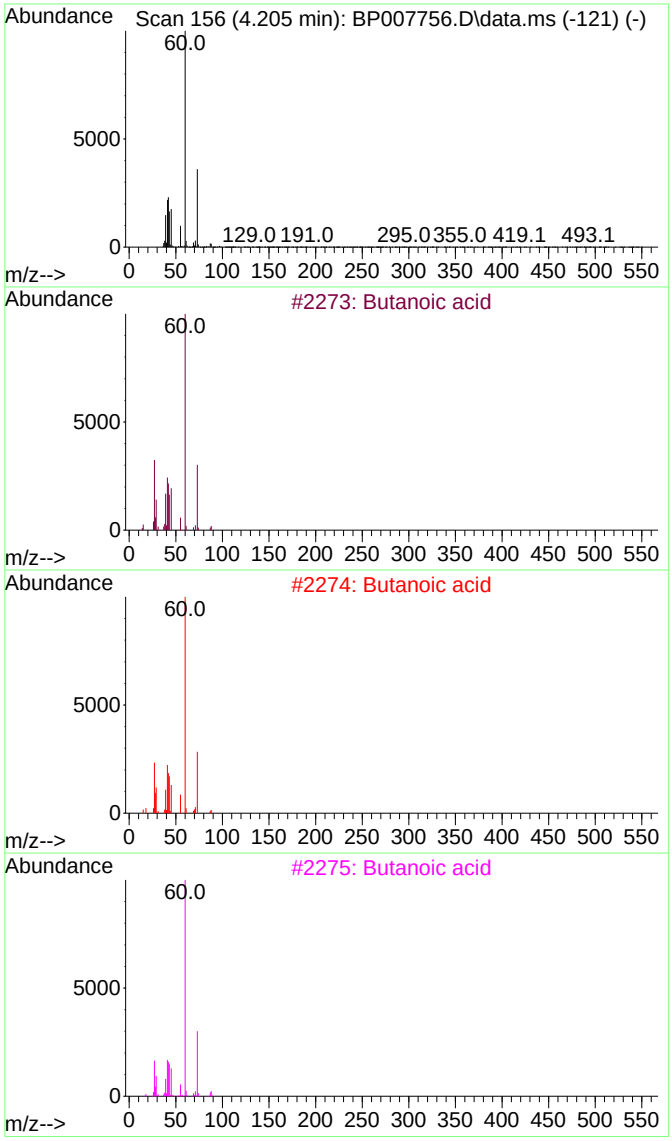
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

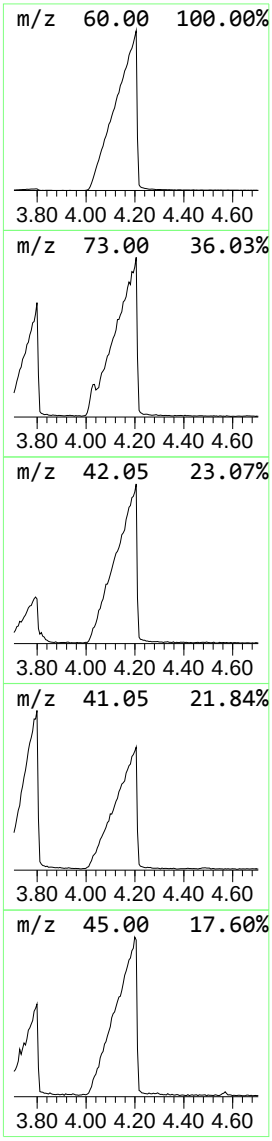
****

Peak Number 1 Butanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.205	93.88 ng/ul	4328970	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	91
2	Butanoic acid	88	C4H8O2	000107-92-6	91
3	Butanoic acid	88	C4H8O2	000107-92-6	78
4	Pentanoic acid	102	C5H10O2	000109-52-4	72
5	Butanoic acid	88	C4H8O2	000107-92-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102821\
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Operator : CG/JU
Sample : M4282-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY81

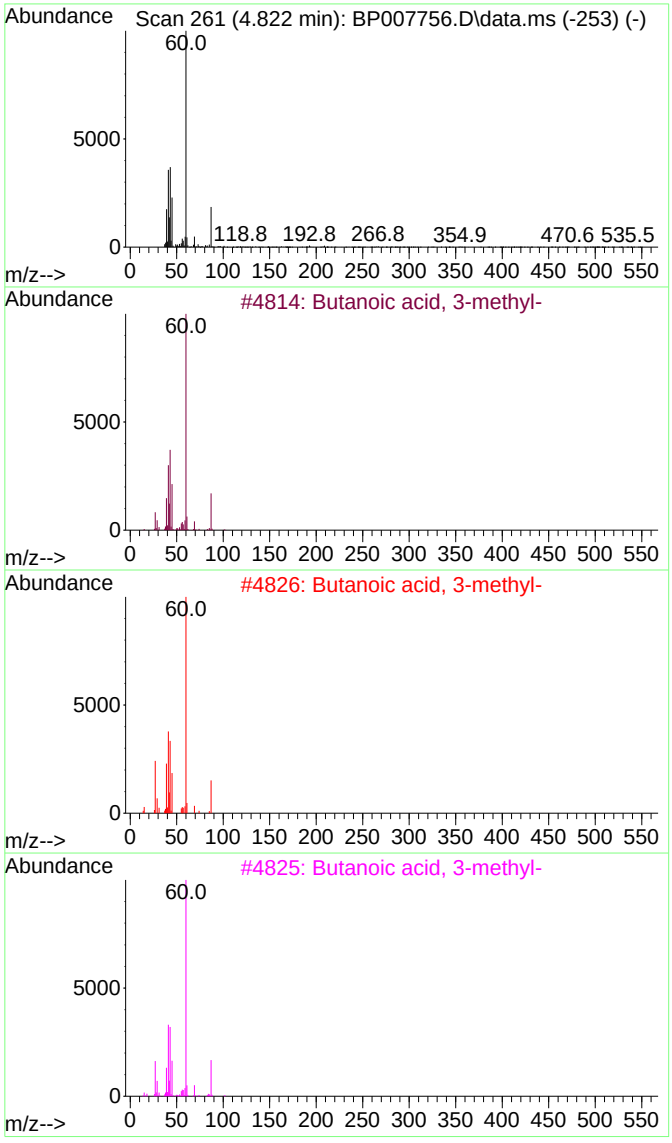
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

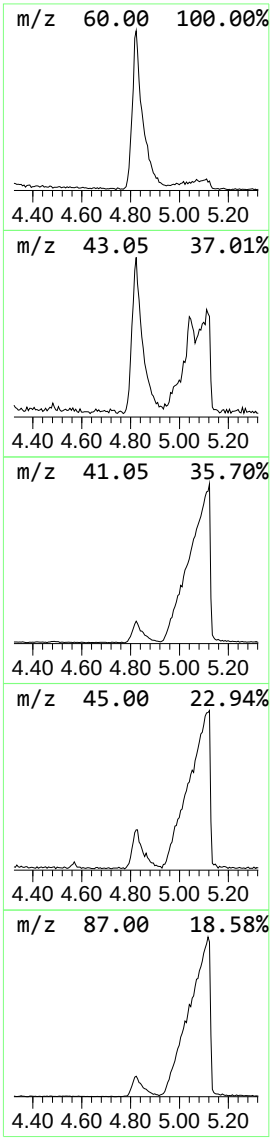
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.822	6.19 ng/ul	285326	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
5	N-Carbomethoxy-N-methoxymethylamine	119	C4H9NO3	153654-07-0	50





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY81

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

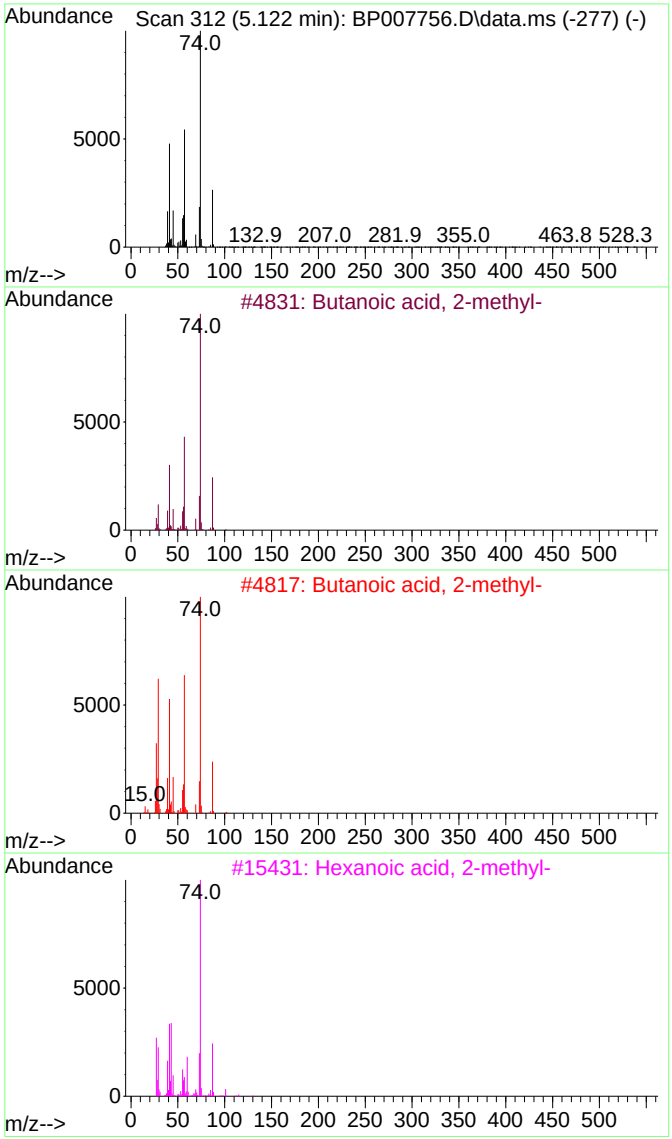
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

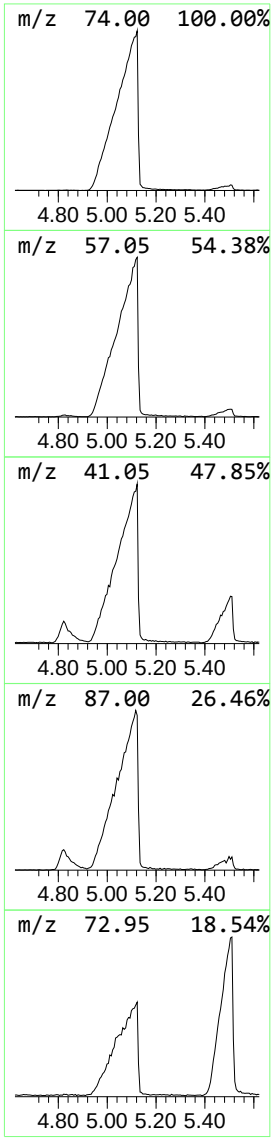
****

Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.122	76.39 ng/ul	3522260	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
4	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	56





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BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

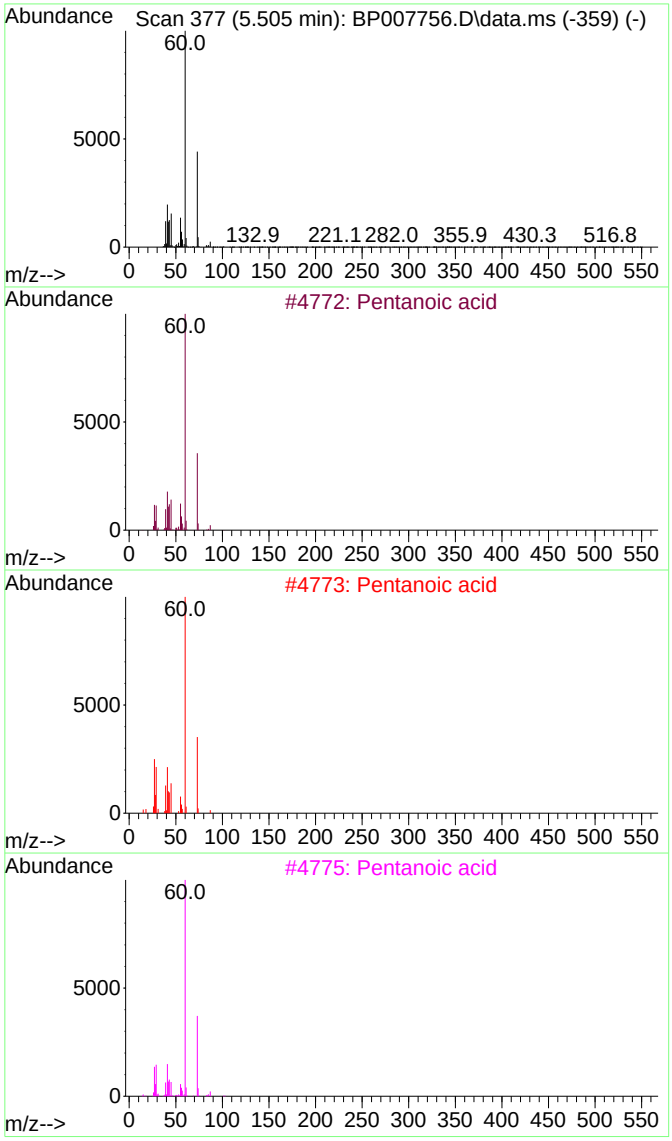
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

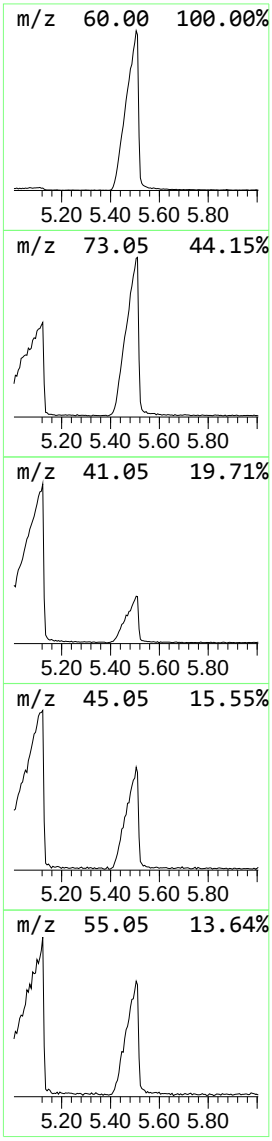
****

Peak Number 4 Pentanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.505	24.45 ng/ul	1127290	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	78
4	Butanoic acid	88	C4H8O2	000107-92-6	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	64





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY81

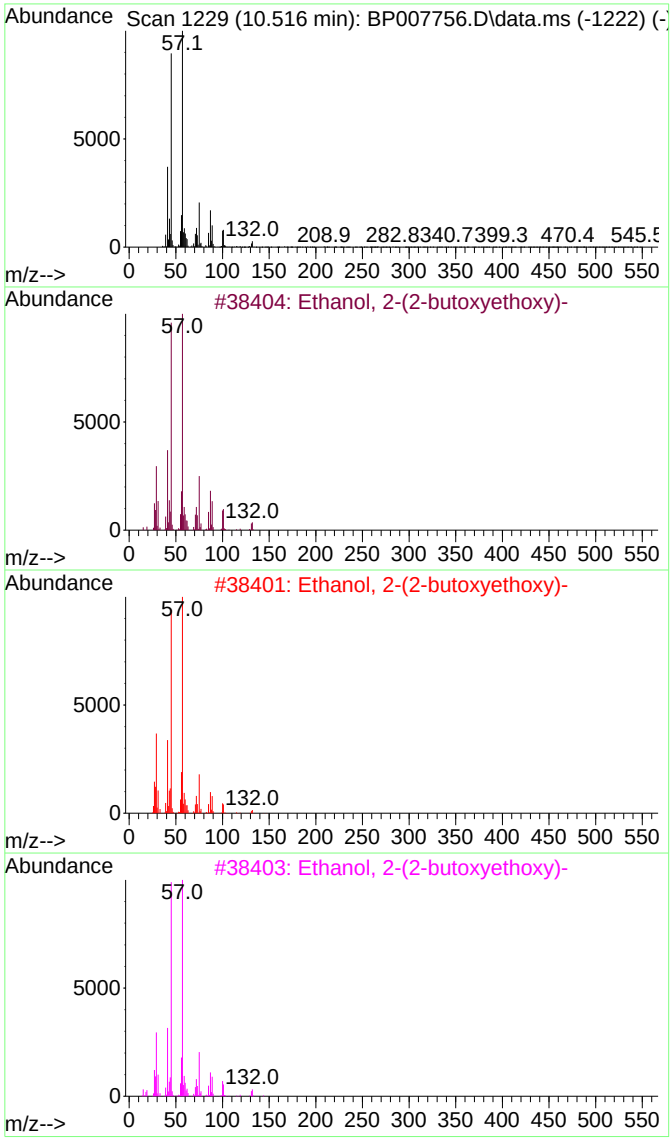
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

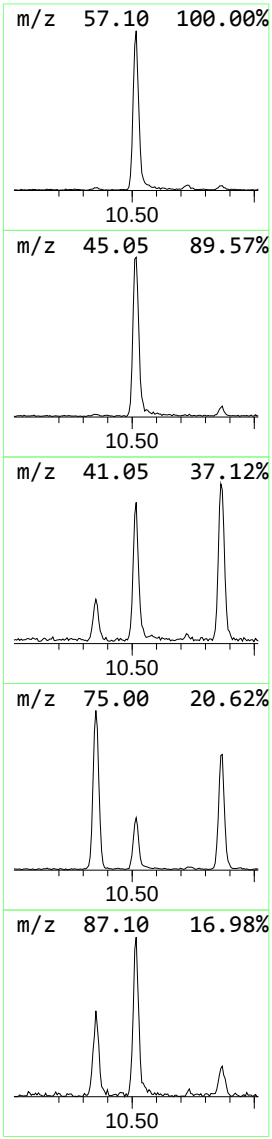
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.516	3.30 ng/ul	225766	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	72





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_P
ClientSampleId : BFY81

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.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
Butanoic acid	4.205	93.9	ng/ul	4328970	1	7.928	922199	20.0
Butanoic acid, ...	4.822	6.2	ng/ul	285326	1	7.928	922199	20.0
Butanoic acid, ...	5.122	76.4	ng/ul	3522260	1	7.928	922199	20.0
Pentanoic acid	5.505	24.4	ng/ul	1127290	1	7.928	922199	20.0
Ethanol, 2-(2-b...	10.516	3.3	ng/ul	225766	2	10.734	1370080	20.0