LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007635.D
Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

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-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007635.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.376	11	15	17	rBV	39356	48690	0.69%	0.074%
2	3.411	17	21	31	rVB	407087	550498	7.78%	0.834%
3	3.717	59	73	76	rBV	181220	410755	5.80%	0.623%
4	3.799	85	87	99	rBV	215552	306974	4.34%	0.465%
5	4.028	118	126	134	rBV	123697	209859	2.96%	0.318%
6	4.128	139	143	148	rVB2	17734	25746	0.36%	0.039%
7	4.217	154	158	162	rBV5	12153	17898	0.25%	0.027%
8	4.293	167	171	175	rBV7	4282	7711	0.11%	0.012%
9	4.493	202	205	209	rVB5	4522	7149	0.10%	0.011%
10	4.575	216	219	224	rVB4	8580	14776	0.21%	0.022%
11	4.846	250	265	274	rBV	238735	639889	9.04%	0.970%
12	5.017	281	294	298	rVV	255855	707103	9.99%	1.072%
13	5.046	298	299	305	rVB4	20175	26738	0.38%	0.041%
14	5.446	355	367	374	rBV	184650	459977	6.50%	0.697%
15	6.028	462	466	474	rVB4	6619	11393	0.16%	0.017%
16	6.146	479	486	487	rBV5	4693	8388	0.12%	0.013%
17	6.375	510	525	537	rBV	209061	573680	8.10%	0.870%
18	6.469	537	541	549	rVB3	20055	36163	0.51%	0.055%
19	6.811	594	599	604	rBV3	7650	13569	0.19%	0.021%
20	6.952	617	623	629	rBV	31834	54223	0.77%	0.082%
21	7.111	642	650	658	rVB	363744	580751	8.20%	0.880%
22	7.269	669	677	691	rVB	727430	1164793	16.45%	1.766%
23	7.475	703	712	719	rBV	939437	1478414	20.88%	2.241%
24	7.546	719	724	738	rVB	56237	101136	1.43%	0.153%
25	7.940	782	791	798	rBV	831325	1342201	18.96%	2.034%
26	8.011	798	803	813	rVV	70862	114304	1.61%	0.173%
27	8.193	827	834	840	rVB	5575	11422	0.16%	0.017%
28	8.375	860	865	871	rVB7	6237	12417	0.18%	0.019%
29	8.475	877	882	885	rBV4	6659	11480	0.16%	0.017%
30	8.652	905	912	919	rBV	895922	1411866	19.94%	2.140%
31	8.711	919	922	927	rVB3	20532	30446	0.43%	0.046%
32	9.099	981	988	998	rBV	901611	1462653	20.66%	2.217%
33	9.563	1059	1067	1073	rVB2	32214	52859	0.75%	0.080%
34	9.822	1102	1111	1119	rBV	728485	1227703	17.34%	1.861%
35	9.875	1119	1120	1127	rVV7	7004	11881	0.17%	0.018%
36	9.946	1127	1132	1136	rVV6	5263	9895	0.14%	0.015%

LSC Area Percent Report

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Acq On : 23 Oct 2021 17:48
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Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

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-BP101421.M
Title : SVOA CALIBRATION

37	10.369	1195	1204	1214	rBV	1194550	2046272	28.90%	3.102%
38	10.528	1226	1231	1238	rBV	135786	210424	2.97%	0.319%
39	10.746	1257	1268	1277	rBV	1152209	1928919	27.24%	2.924%
40	10.881	1282	1291	1306	rBV	951568	1663607	23.50%	2.522%
41	11.152	1333	1337	1342	rVB8	7819	13417	0.19%	0.020%
42	11.287	1359	1360	1369	rVB9	5588	7186	0.10%	0.011%
43	11.546	1399	1404	1410	rBV9	4140	7493	0.11%	0.011%
44	11.946	1466	1472	1475	rBV	24440	35943	0.51%	0.054%
45	11.987	1475	1479	1480	rVV	32341	39718	0.56%	0.060%
46	12.004	1480	1482	1486	rVV2	35831	53688	0.76%	0.081%
47	12.052	1486	1490	1499	rVB3	38579	70557	1.00%	0.107%
48	12.222	1513	1519	1524	rBV3	21490	41862	0.59%	0.063%
49	12.275	1524	1528	1533	rVB	19918	29940	0.42%	0.045%
50	12.334	1533	1538	1540	rBV	20247	31713	0.45%	0.048%
51	12.375	1540	1545	1556	rVB	67423	130237	1.84%	0.197%
52	12.952	1638	1643	1649	rVB2	10278	15690	0.22%	0.024%
53	13.199	1680	1685	1692	rVB3	16847	28946	0.41%	0.044%
54	13.487	1729	1734	1739	rVB2	15313	24035	0.34%	0.036%
55	13.551	1739	1745	1754	rBV8	6852	16186	0.23%	0.025%
56	13.987	1812	1819	1826	rBV	1975527	2908143	41.07%	4.408%
57	14.269	1856	1867	1881	rBV	2214665	3454467	48.79%	5.236%
58	14.469	1893	1901	1904	rBV4	10678	22660	0.32%	0.034%
59	14.581	1911	1920	1925	rBV	1756065	2647314	37.39%	4.013%
60	14.616	1925	1926	1932	rVB2	29231	34487	0.49%	0.052%
61	14.775	1947	1953	1965	rVB	231700	378343	5.34%	0.573%
62	15.028	1987	1996	2004	rBV2	46103	94663	1.34%	0.143%
63	15.128	2007	2013	2020	rBV	29823	80715	1.14%	0.122%
64	15.234	2028	2031	2037	rVB7	17504	27500	0.39%	0.042%
65	15.393	2054	2058	2064	rVB2	38399	51837	0.73%	0.079%
66	15.457	2064	2069	2074	rVB8	10434	18063	0.26%	0.027%
67	15.575	2082	2089	2097	rBV	3130058	4459829	62.99%	6.760%
68	15.687	2102	2108	2117	rBV	541975	759274	10.72%	1.151%
69	15.816	2124	2130	2137	rVB2	37311	56490	0.80%	0.086%
70	16.004	2159	2162	2170	rBV10	7563	14614	0.21%	0.022%
71	16.069	2170	2173	2179	rVB3	8678	12117	0.17%	0.018%
72	16.151	2179	2187	2191	rBV9	8948	22657	0.32%	0.034%
73	16.263	2202	2206	2210	rVB7	9087	14219	0.20%	0.022%
74	16.357	2219	2222	2228	rVB7	7651	11921	0.17%	0.018%
75	16.475	2239	2242	2247	rBV6	5404	8608	0.12%	0.013%
76	16.592	2258	2262	2267	rBV8	4623	7732	0.11%	0.012%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

77	16.734	2284	2286	2291	rBV6	6127	7306	0.10%	0.011%
78	16.822	2298	2301	2311	rVB2	23817	42020	0.59%	0.064%
79	16.987	2325	2329	2331	rBV5	7595	11788	0.17%	0.018%
80	17.087	2342	2346	2349	rBV	24479	38619	0.55%	0.059%
81	17.334	2381	2388	2398	rBV	2339545	3253645	45.95%	4.932%
82	17.434	2398	2405	2419	rBV2	3854888	5430874	76.70%	8.232%
83	17.569	2426	2428	2434	rBV7	10800	16172	0.23%	0.025%
84	17.628	2435	2438	2443	rVB2	11866	16670	0.24%	0.025%
85	17.751	2455	2459	2464	rVB5	21448	32574	0.46%	0.049%
86	18.010	2500	2503	2508	rVB2	27386	35045	0.49%	0.053%
87	18.228	2536	2540	2546	rBV	156427	214631	3.03%	0.325%
88	19.245	2709	2713	2717	rBV2	60199	86670	1.22%	0.131%
89	19.310	2721	2724	2730	rVB	57264	77495	1.09%	0.117%
90	19.669	2779	2785	2791	rBV	4687551	6648125	93.90%	10.077%
91	21.133	3031	3034	3041	rBV2	233233	307272	4.34%	0.466%
92	21.422	3077	3083	3088	rBV	2888280	3912406	55.26%	5.930%
93	23.710	3464	3472	3481	rVB2	3432614	7080267	100.00%	10.732%
94	23.869	3492	3499	3510	rVB2	2000078	4124474	58.25%	6.252%

Sum of corrected areas: 65972939

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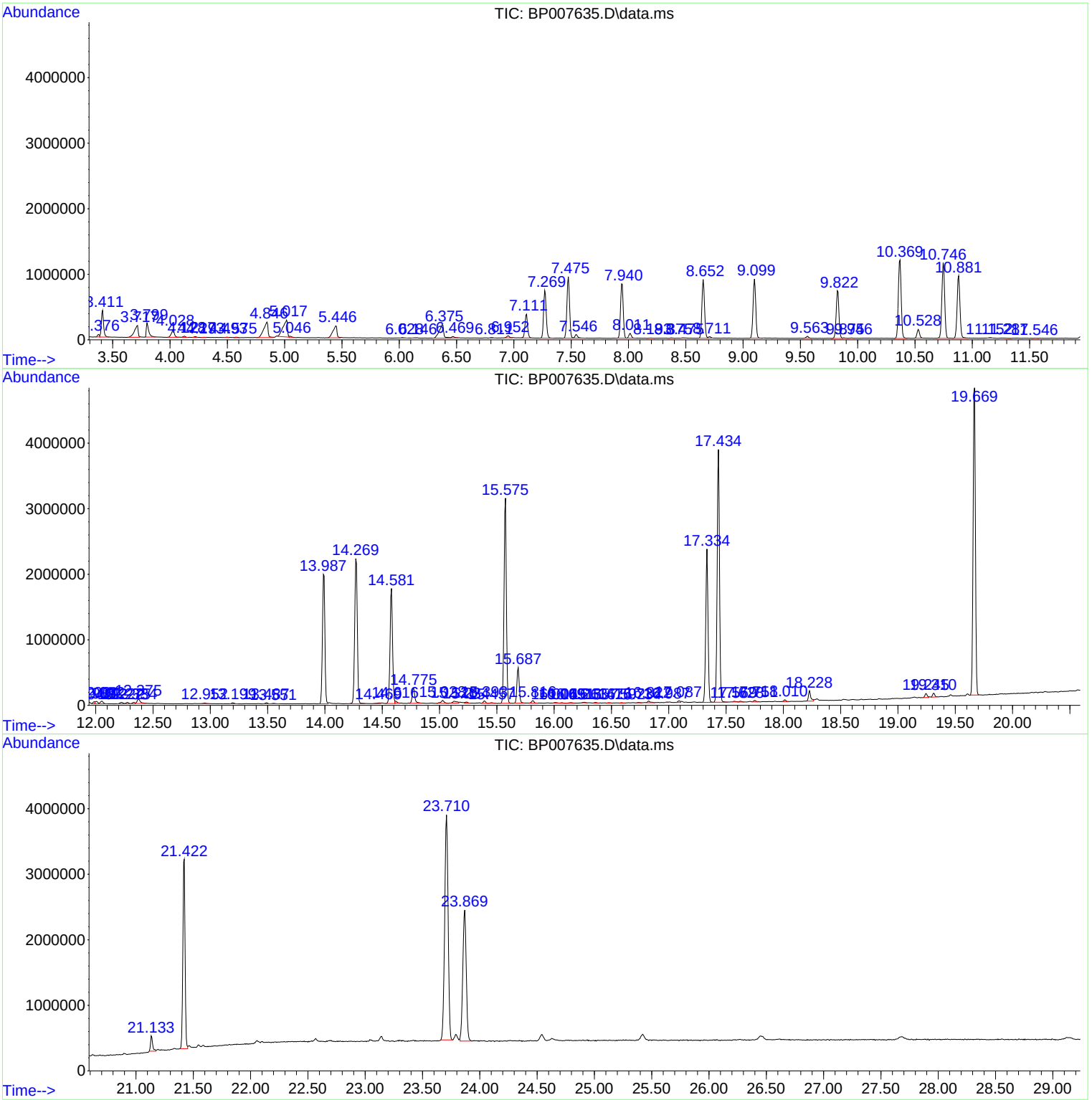
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007635.D
Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
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ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY76

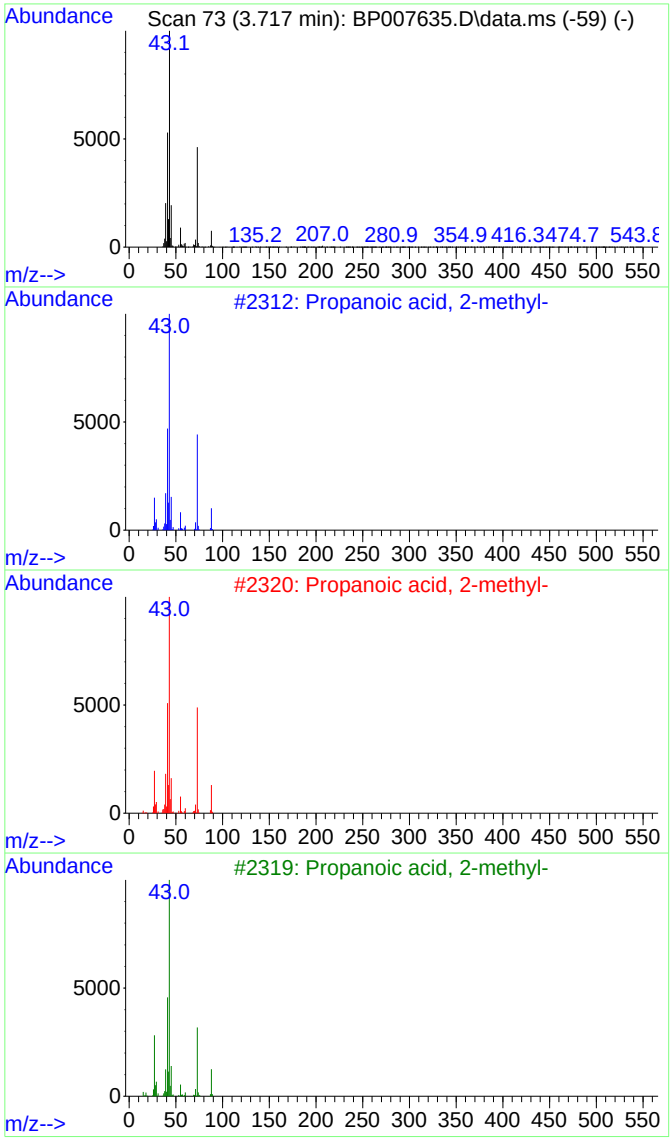
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

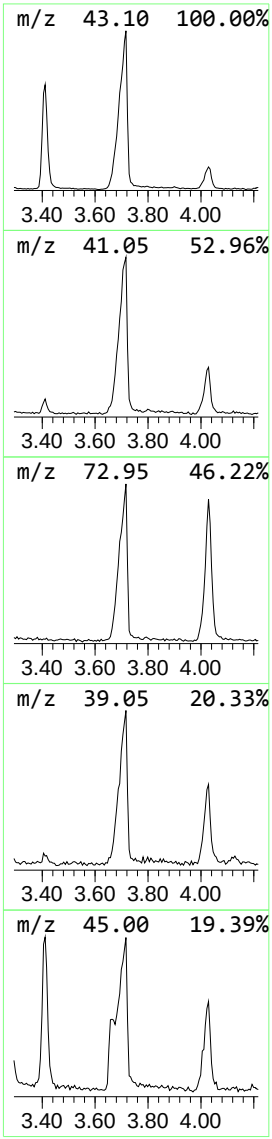
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.717	6.12 ng/ul	410755	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	83
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	80
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	72
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	72
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007635.D
Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

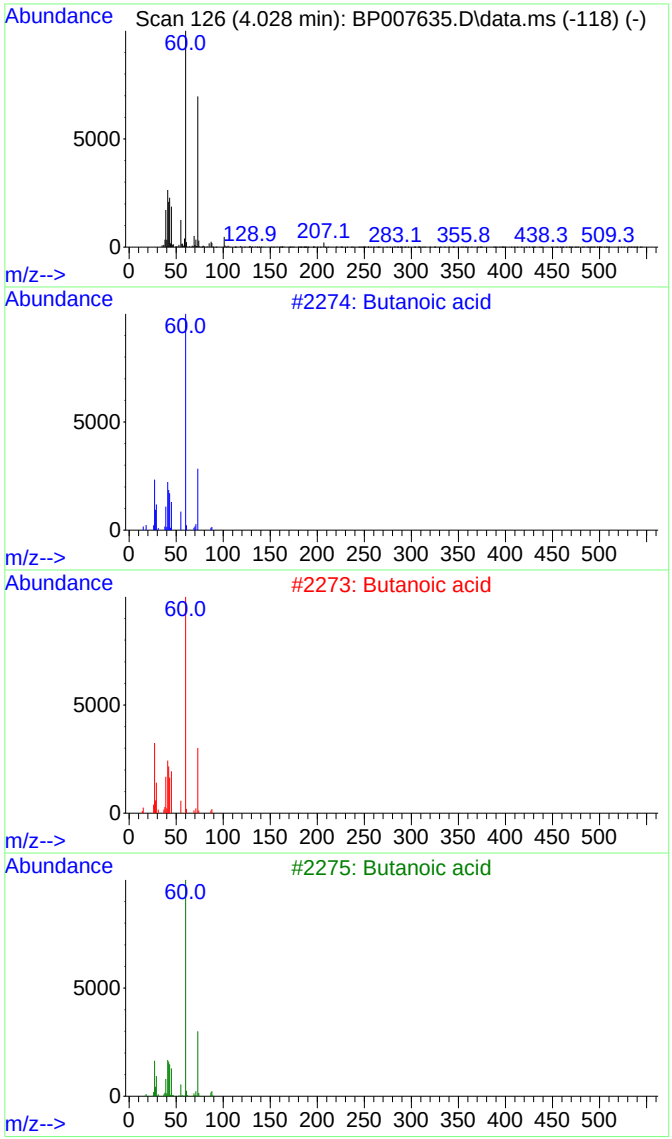
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

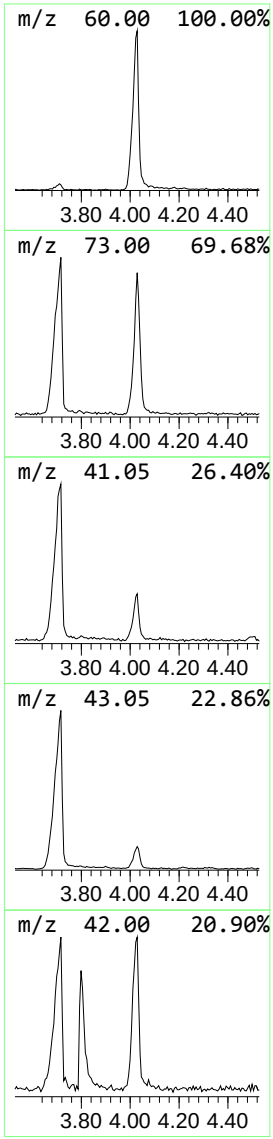
****

Peak Number 2 Butanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.028	3.13 ng/ul	209859	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	86
2	Butanoic acid	88	C4H8O2	000107-92-6	86
3	Butanoic acid	88	C4H8O2	000107-92-6	74
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59
5	Butanoic acid	88	C4H8O2	000107-92-6	50





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ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY76

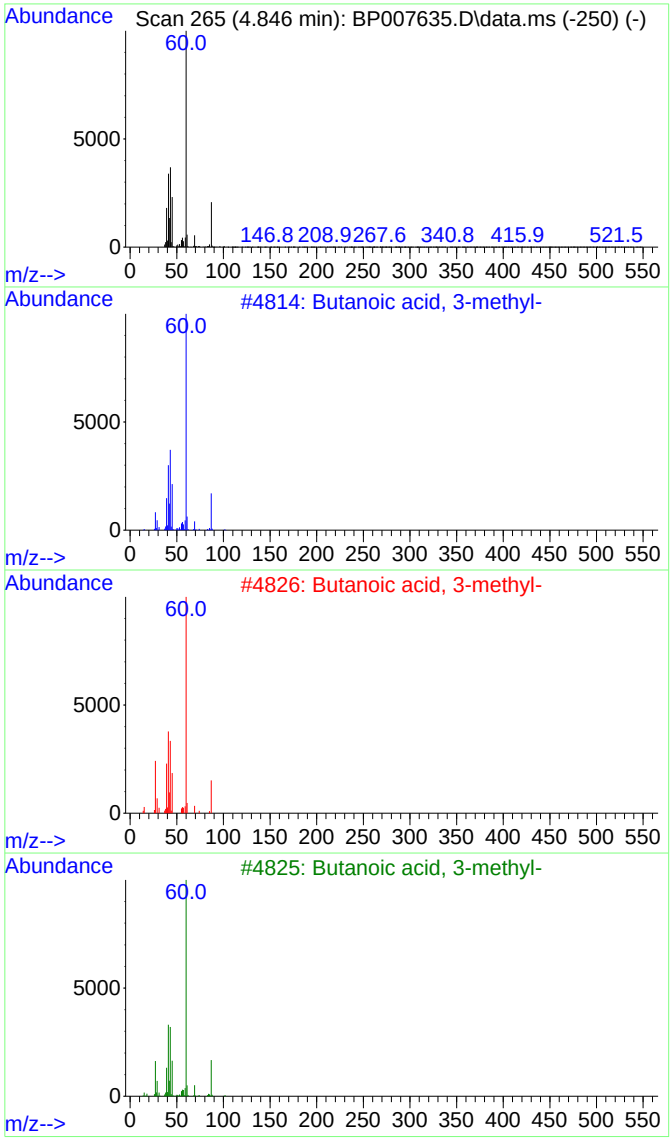
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

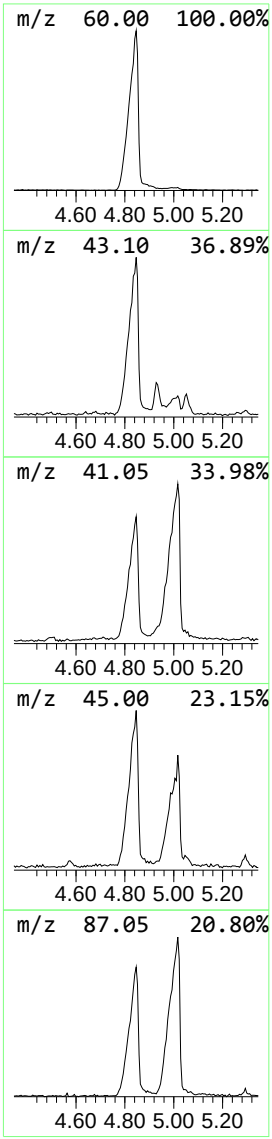
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.846	9.53 ng/ul	639889	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	90
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64





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Sample : M4282-07
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ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

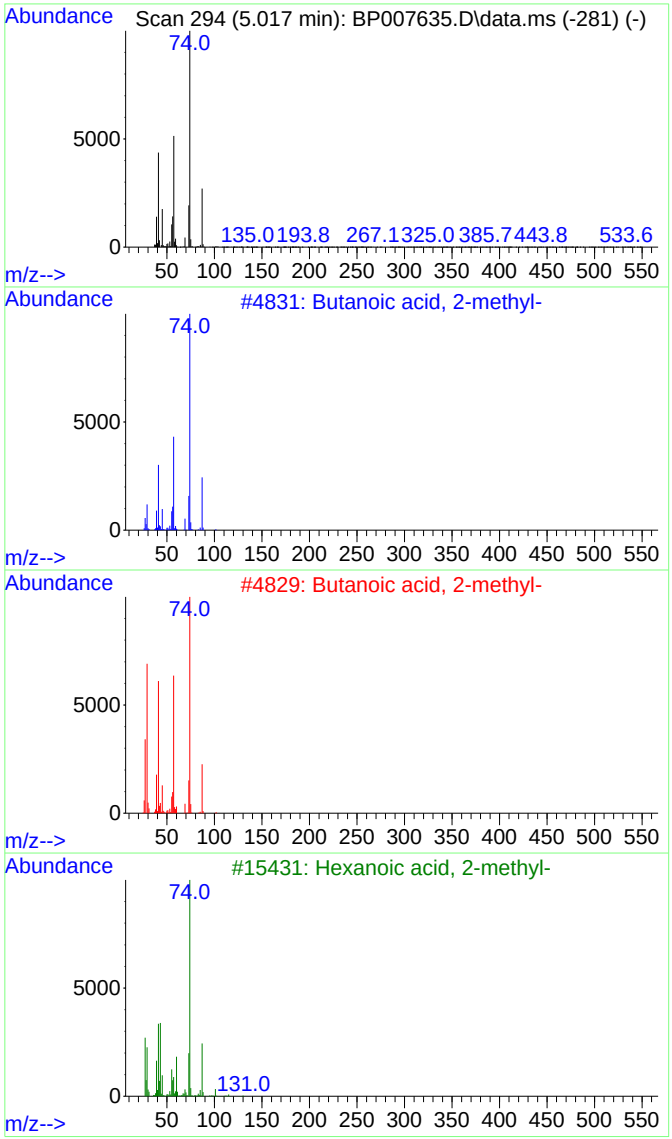
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

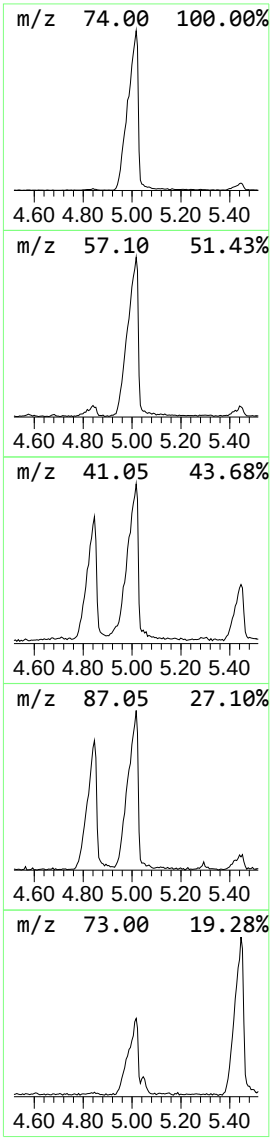
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.017	10.54 ng/ul	707103	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	86
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	80
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
4	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
5	2,4-Dimethylpentanoic acid	130	C7H14O2	005868-33-7	50





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Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

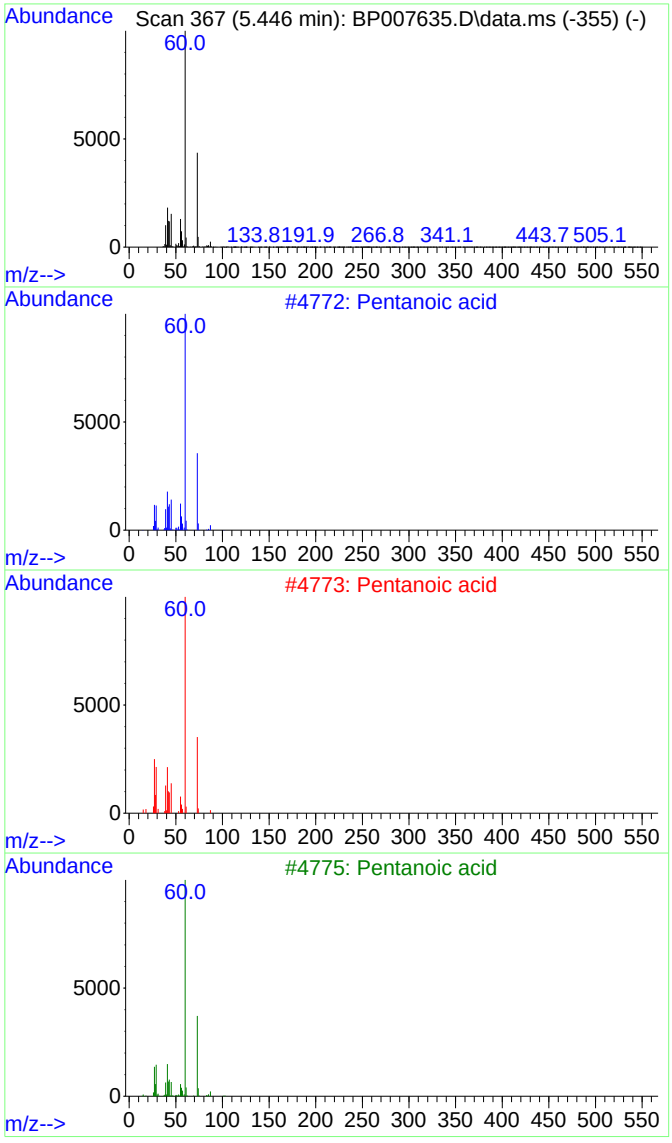
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

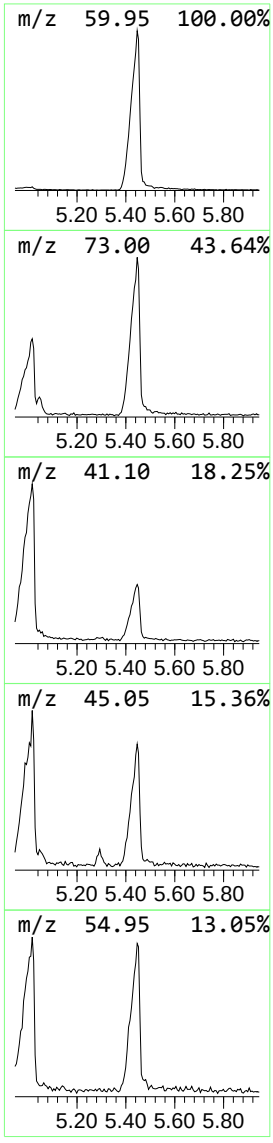
****

Peak Number 5 Pentanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.446	6.85 ng/ul	459977	1,4-Dichlorobenzene-d4	7.946

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	74
5	Hexanoic acid	116	C6H12O2	000142-62-1	72





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Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY76

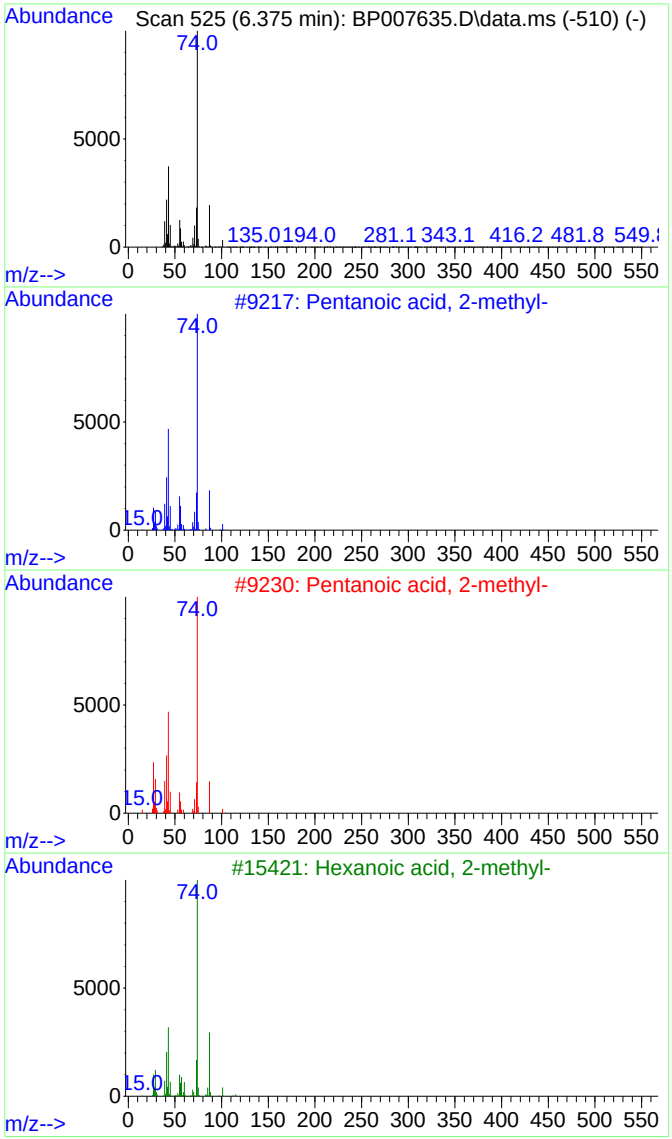
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

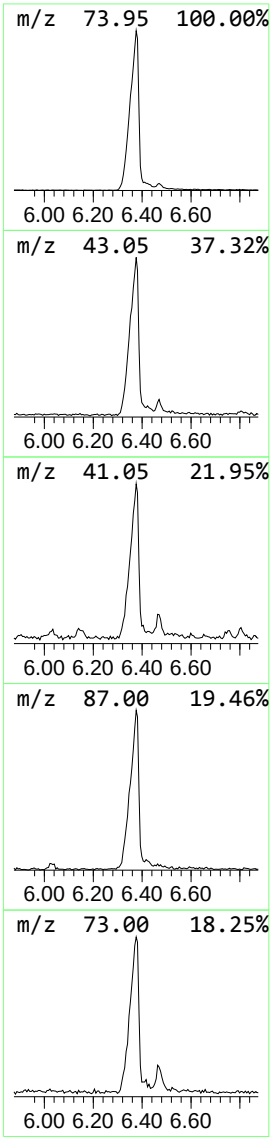
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentanoic acid, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	8.55 ng/ul	573680	1,4-Dichlorobenzene-d4	7.946

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	78
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	78
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
4	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	72
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72





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Data File : BP007635.D
Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

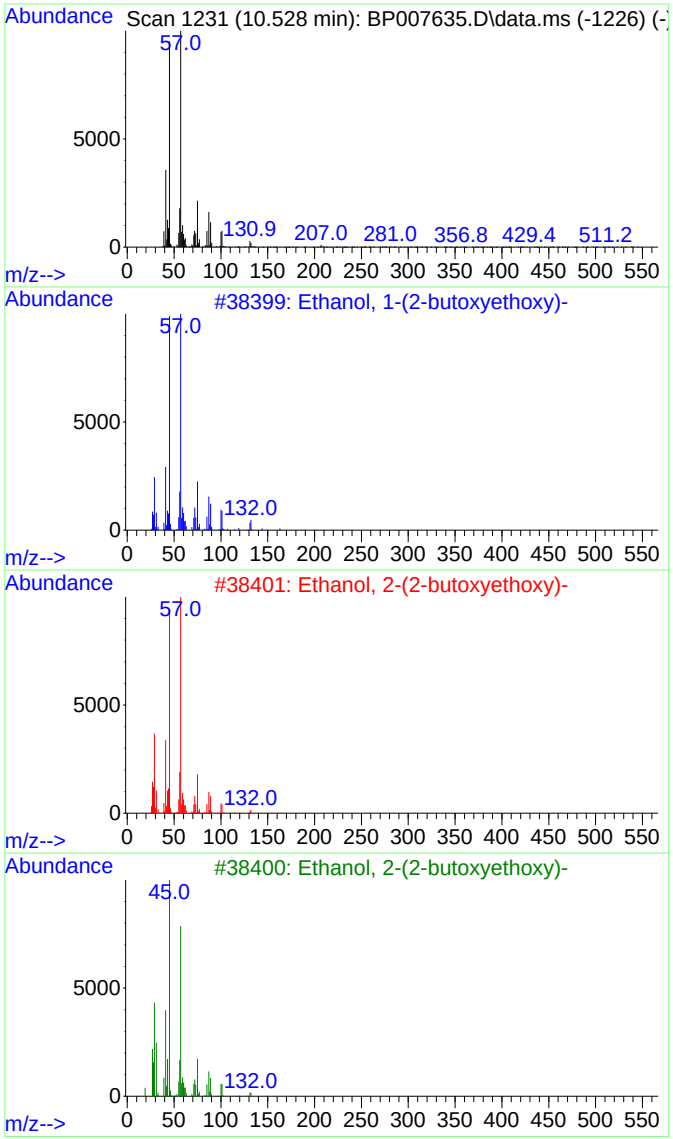
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

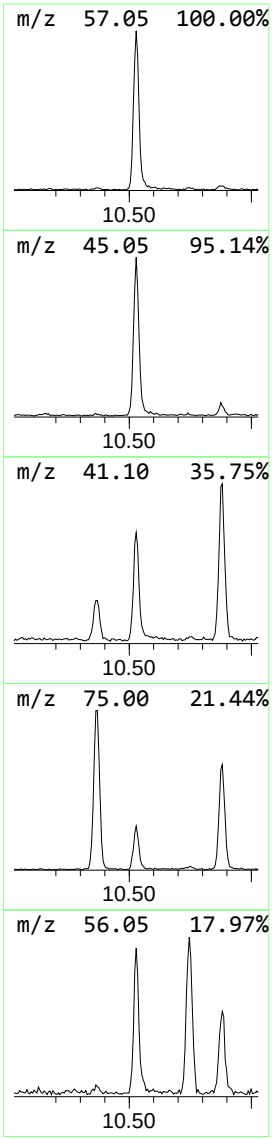
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	2.18 ng/ul	210424	Naphthalene-d8	10.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
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	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007635.D
Acq On : 23 Oct 2021 17:48
Operator : CG/JU
Sample : M4282-07
Misc :
ALS Vial : 95 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY76

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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
Propanoic acid,...	3.717	6.1	ng/ul	410755	1	7.946	1342200	20.0
Butanoic acid	4.028	3.1	ng/ul	209859	1	7.946	1342200	20.0
Butanoic acid, ...	4.846	9.5	ng/ul	639889	1	7.946	1342200	20.0
Butanoic acid, ...	5.017	10.5	ng/ul	707103	1	7.946	1342200	20.0
Pentanoic acid	5.446	6.8	ng/ul	459977	1	7.946	1342200	20.0
Pentanoic acid,...	6.375	8.6	ng/ul	573680	1	7.946	1342200	20.0
Ethanol, 1-(2-b...	10.528	2.2	ng/ul	210424	2	10.746	1928920	20.0