LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

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-BP082423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016843.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.334	3	8	14	rBV	1719328	2455345	5.58%	1.775%
2	3.681	57	67	78	rBV	230972	498421	1.13%	0.360%
3	3.822	87	91	101	rBV	343914	565575	1.29%	0.409%
4	4.099	116	138	142	rBV	656962	2655690	6.04%	1.920%
5	4.663	226	234	249	rBV	26897227	43987429	100.00%	31.798%
6	4.816	253	260	272	rVB	122304	229674	0.52%	0.166%
7	4.969	278	286	296	rVB	155825	300294	0.68%	0.217%
8	5.434	356	365	371	rBV	166001	352198	0.80%	0.255%
9	7.057	618	641	653	rBV	684518	2338522	5.32%	1.690%
10	7.169	653	660	673	rVB	426155	700667	1.59%	0.507%
11	7.363	684	693	702	rBV	1432258	2142093	4.87%	1.548%
12	7.546	715	724	736	rBV	1361346	2111661	4.80%	1.526%
13	8.028	798	806	818	rBV	1284182	2081786	4.73%	1.505%
14	8.728	918	925	931	rBV	1134738	1791917	4.07%	1.295%
15	8.787	931	935	944	rVB	168714	274811	0.62%	0.199%
16	9.222	1001	1009	1026	rBV	1614022	2690319	6.12%	1.945%
17	9.940	1123	1131	1143	rBV	1223150	1999363	4.55%	1.445%
18	10.057	1145	1151	1156	rVV	21433	47484	0.11%	0.034%
19	10.463	1212	1220	1234	rBV	1813232	3064939	6.97%	2.216%
20	10.857	1277	1287	1297	rBV	1851043	3123334	7.10%	2.258%
21	11.010	1306	1313	1334	rBV	715446	1264519	2.87%	0.914%
22	11.587	1405	1411	1421	rVB	56448	103622	0.24%	0.075%
23	12.463	1549	1560	1572	rBV	262814	571366	1.30%	0.413%
24	12.639	1584	1590	1604	rBV	175285	362090	0.82%	0.262%
25	13.581	1745	1750	1756	rBV2	84684	137969	0.31%	0.100%
26	13.669	1761	1765	1775	rVB5	30900	53368	0.12%	0.039%
27	14.092	1831	1837	1852	rVB	3667452	5018656	11.41%	3.628%
28	14.380	1879	1886	1896	rBV	4108077	6042208	13.74%	4.368%
29	14.469	1896	1901	1905	rVV	154691	239872	0.55%	0.173%
30	14.510	1905	1908	1914	rVV	101612	138793	0.32%	0.100%
31	14.569	1914	1918	1924	rVB3	55240	76475	0.17%	0.055%
32	14.680	1931	1937	1944	rVB	2842429	4145044	9.42%	2.996%
33	14.804	1951	1958	1961	rBV3	111607	219439	0.50%	0.159%
34	14.833	1961	1963	1967	rVV2	78670	103419	0.24%	0.075%
35	14.886	1967	1972	1983	rVB	259997	438975	1.00%	0.317%
36	15.286	2034	2040	2049	rBV3	74852	165896	0.38%	0.120%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

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-BP082423.MA.M
Title : SVOA CALIBRATION

37	15.416	2058	2062	2068	rVB5	32625	48619	0.11%	0.035%
38	15.492	2071	2075	2081	rVB2	48456	71715	0.16%	0.052%
39	15.610	2092	2095	2099	rVB2	55531	71630	0.16%	0.052%
40	15.675	2099	2106	2121	rVV	5414588	7734020	17.58%	5.591%
41	15.798	2121	2127	2138	rVV	1288275	1848682	4.20%	1.336%
42	15.904	2141	2145	2154	rVB6	54251	104504	0.24%	0.076%
43	16.910	2311	2316	2328	rBV	318186	586266	1.33%	0.424%
44	17.445	2401	2407	2417	rBV	3476553	4865970	11.06%	3.518%
45	17.545	2418	2424	2436	rBV	5827915	8196353	18.63%	5.925%
46	17.927	2485	2489	2498	rVB6	37669	67386	0.15%	0.049%
47	18.280	2545	2549	2558	rBV	164370	264823	0.60%	0.191%
48	19.357	2729	2732	2737	rVB2	64245	77373	0.18%	0.056%
49	19.421	2740	2743	2747	rVB	69973	84320	0.19%	0.061%
50	19.516	2756	2759	2765	rBV2	104984	137880	0.31%	0.100%
51	19.780	2796	2804	2818	rBV	6854449	8870163	20.17%	6.412%
52	21.545	3098	3104	3114	rBV	2789251	3828722	8.70%	2.768%
53	23.939	3503	3511	3521	rVB	2664487	5811114	13.21%	4.201%
54	24.109	3534	3540	3551	rVB	1538130	3170777	7.21%	2.292%

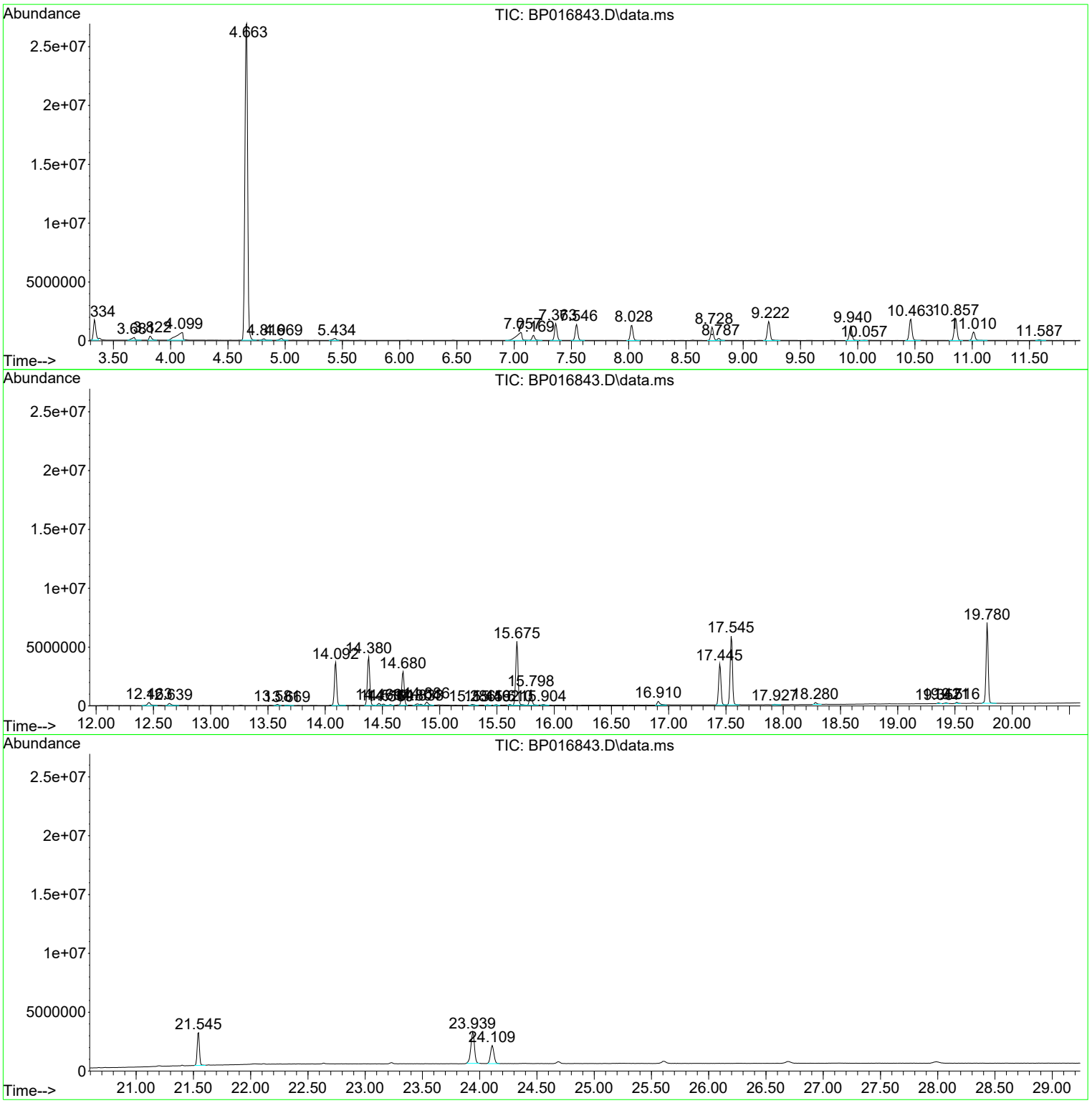
Sum of corrected areas: 138333550

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

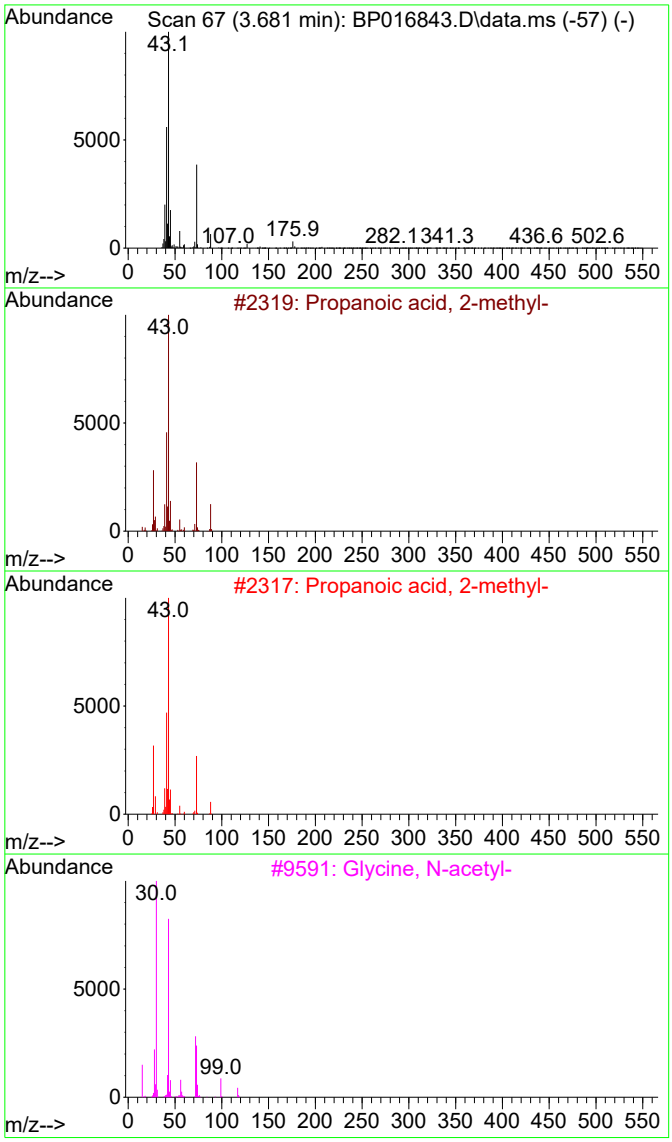
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

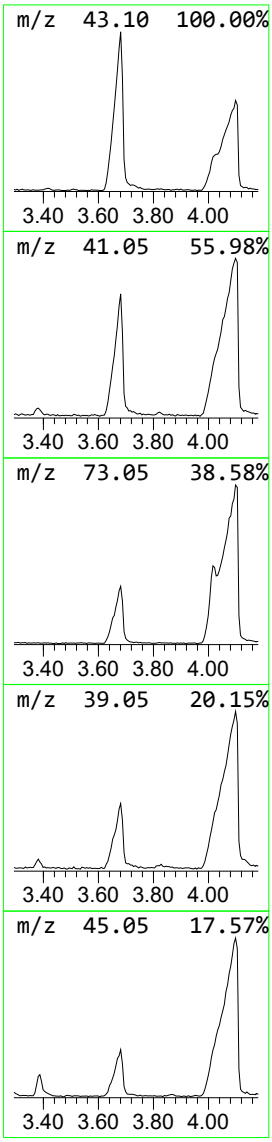
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.681	4.79 ng/ul	498421	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	80
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	72
3	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	59
4	Ethyl Acetate	88	C4H8O2	000141-78-6	59
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

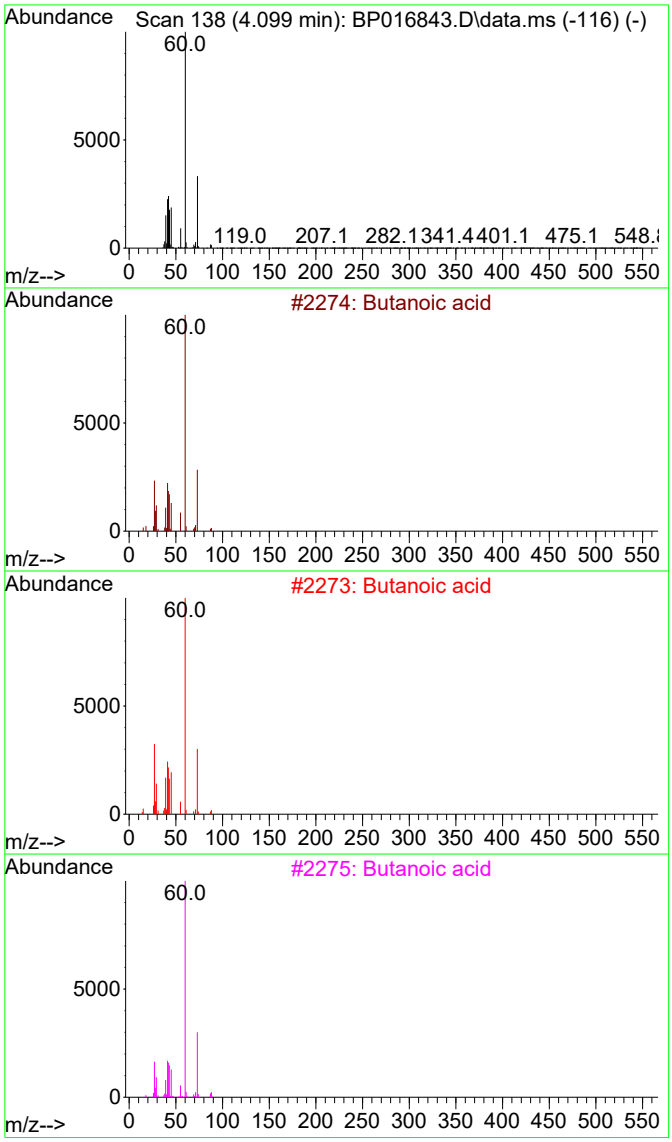
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

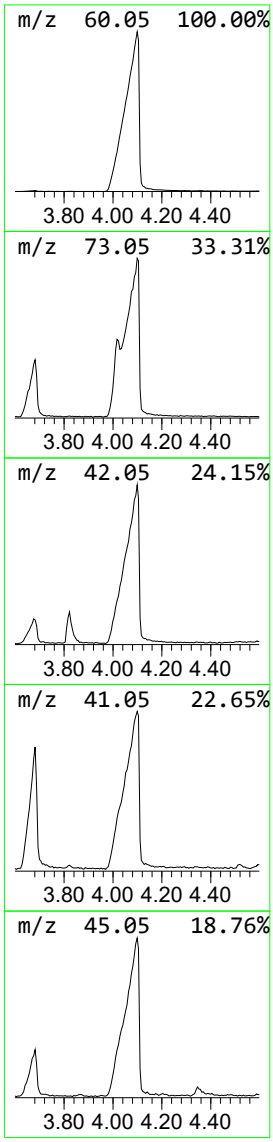
****

Peak Number 2 Butanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.099	25.51 ng/ul	2655690	1,4-Dichlorobenzene-d4	8.028

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	90
3	Butanoic acid	88	C4H8O2	000107-92-6	86
4	Butanoic acid	88	C4H8O2	000107-92-6	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

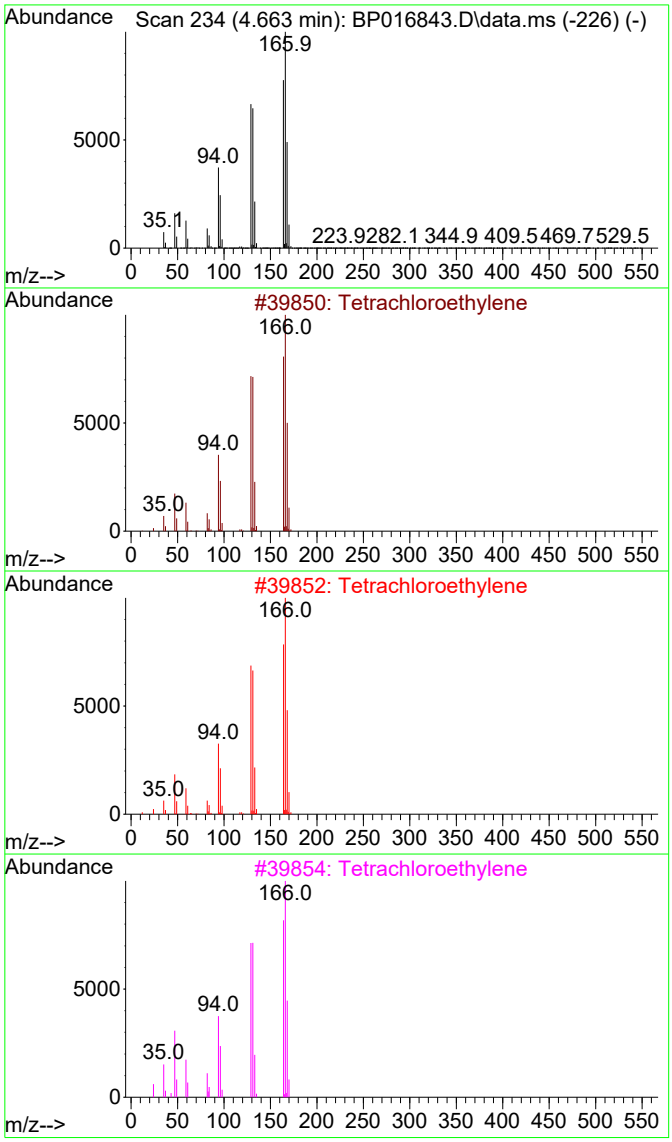
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

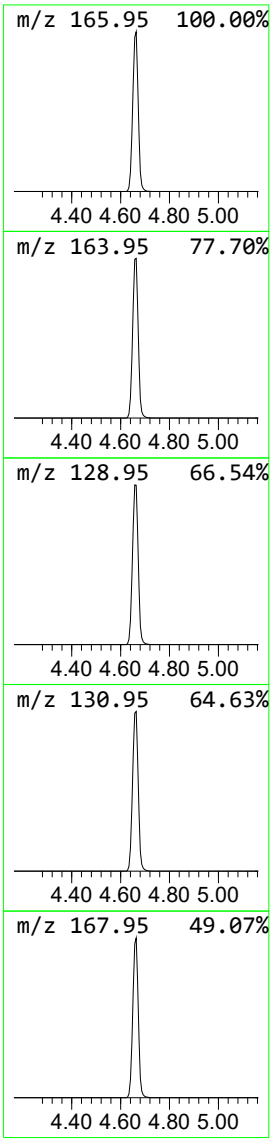
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Tetrachloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.663	422.59 ng/ul	43987400	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	99
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
4	Tetrachloroethylene	164	C2Cl4	000127-18-4	91
5	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

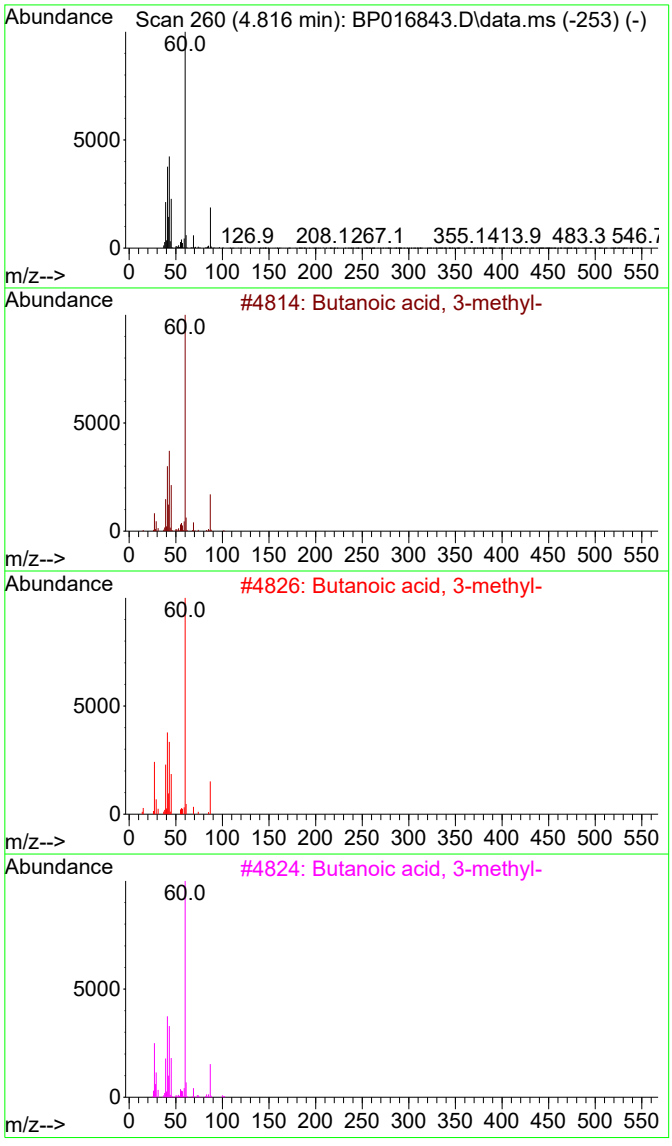
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

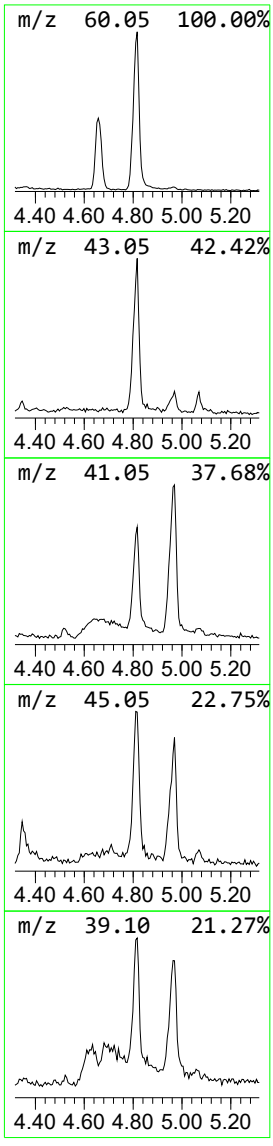
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanoic acid, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.816	2.21 ng/ul	229674	1,4-Dichlorobenzene-d4	8.028

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	78
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

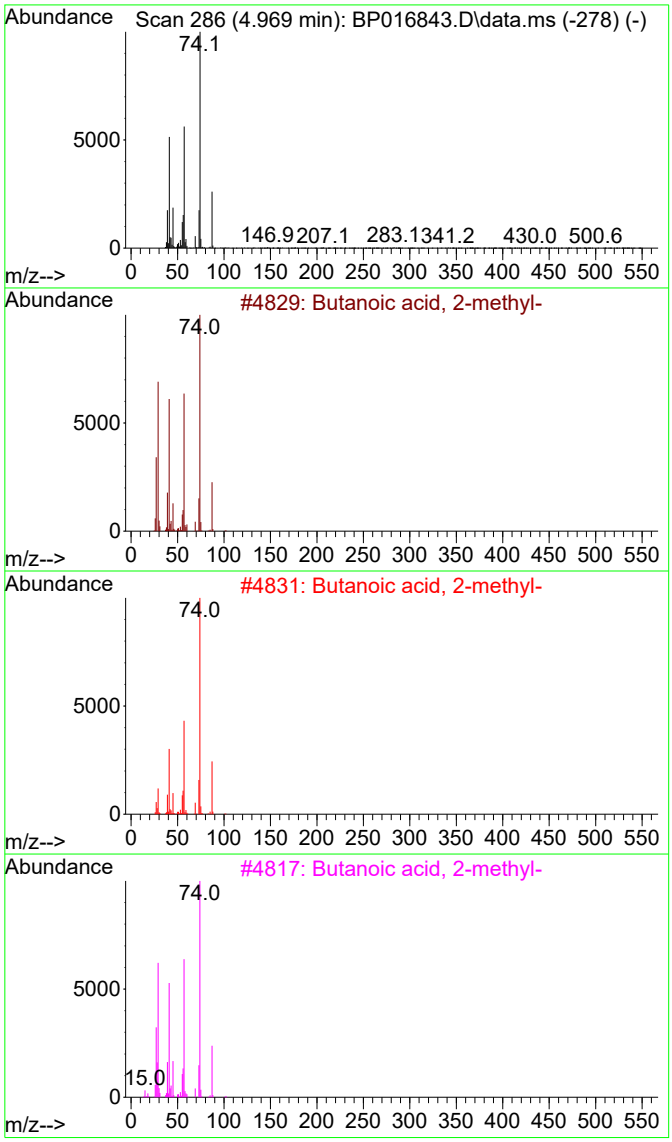
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

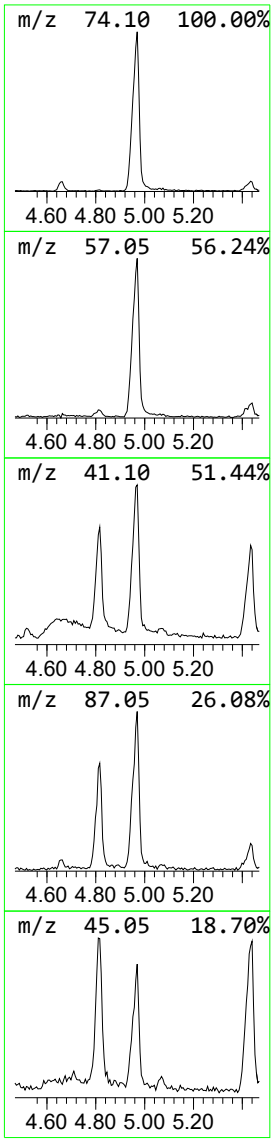
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butanoic acid, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	2.88 ng/ul	300294	1,4-Dichlorobenzene-d4	8.028

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	83
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

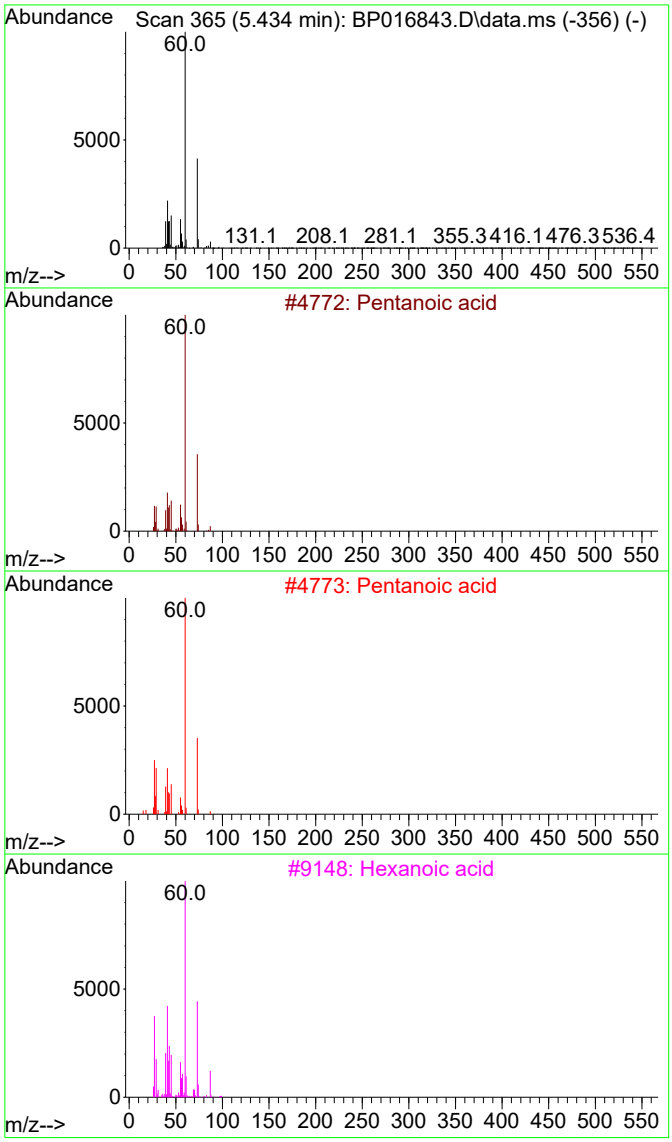
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

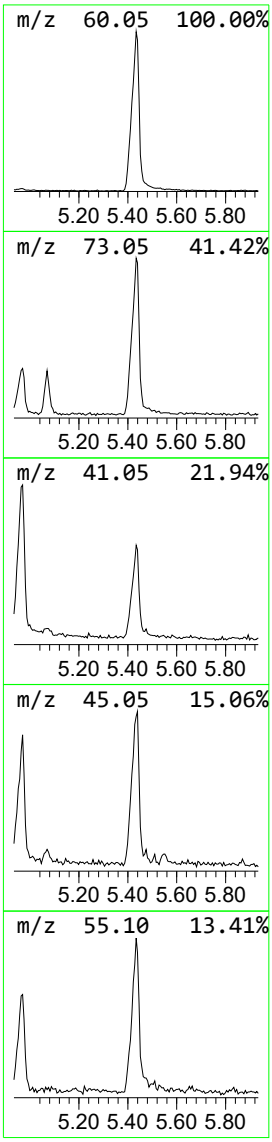
****

Peak Number 6 Pentanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.434	3.38 ng/ul	352198	1,4-Dichlorobenzene-d4	8.028

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	Hexanoic acid	116	C6H12O2	000142-62-1	78
4	Butanoic acid	88	C4H8O2	000107-92-6	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

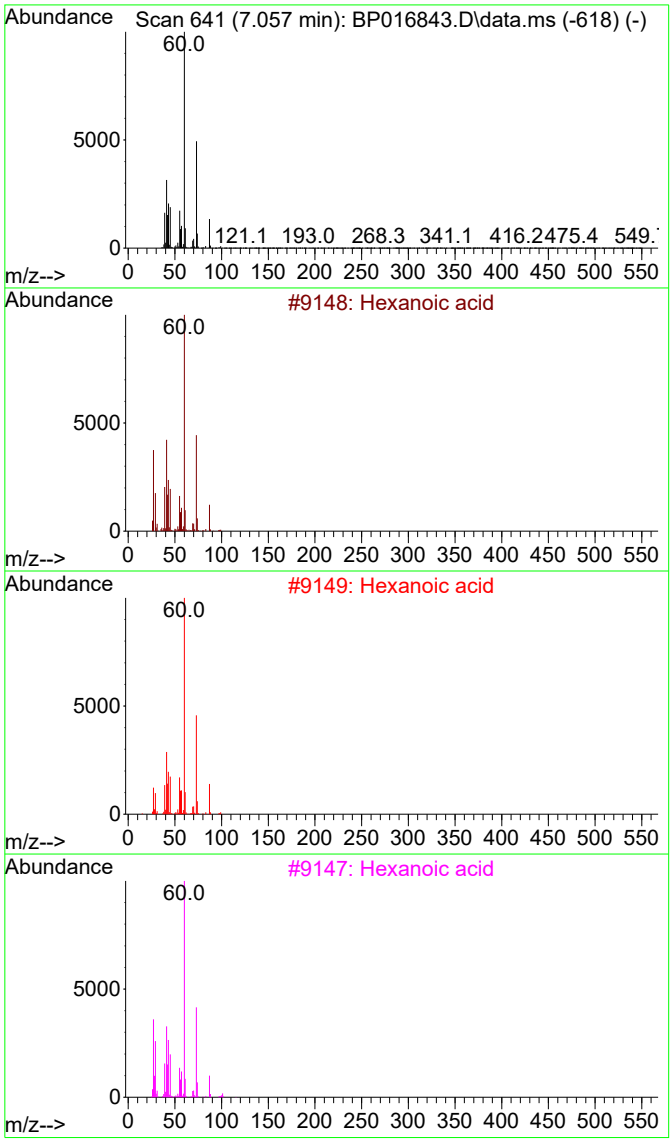
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

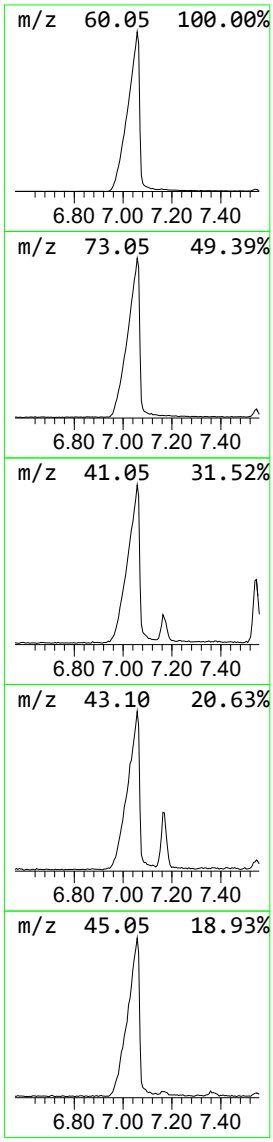
****

Peak Number 7 Hexanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	22.47 ng/ul	2338520	1,4-Dichlorobenzene-d4	8.028

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Hexanoic acid	116	C6H12O2	000142-62-1	90
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Pentanoic acid	102	C5H10O2	000109-52-4	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

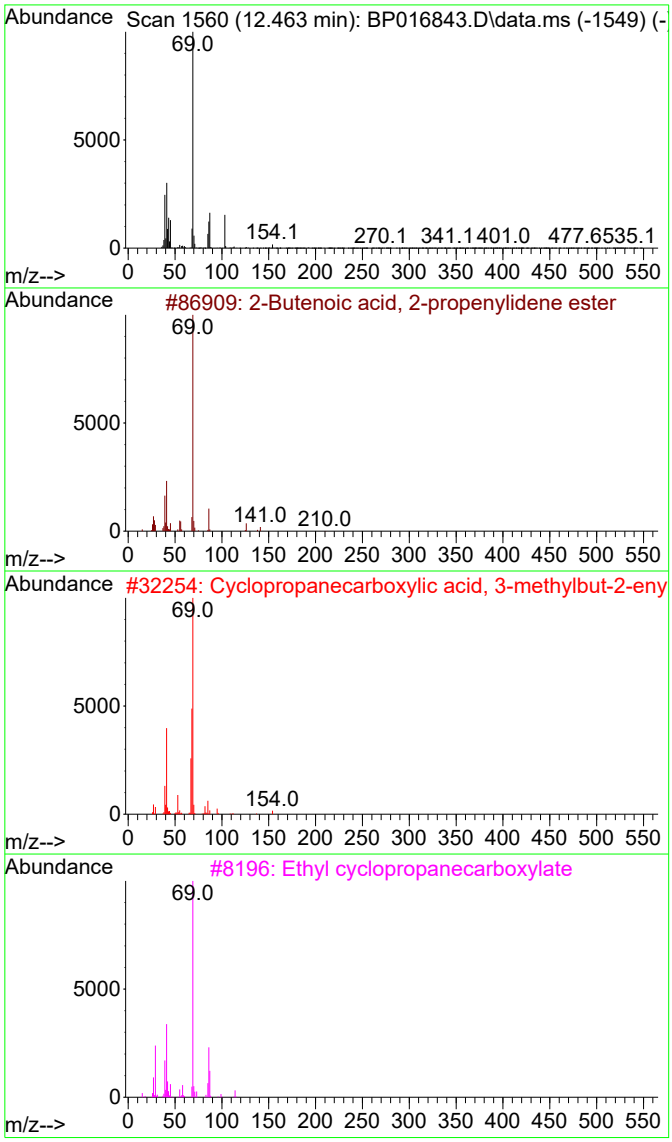
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

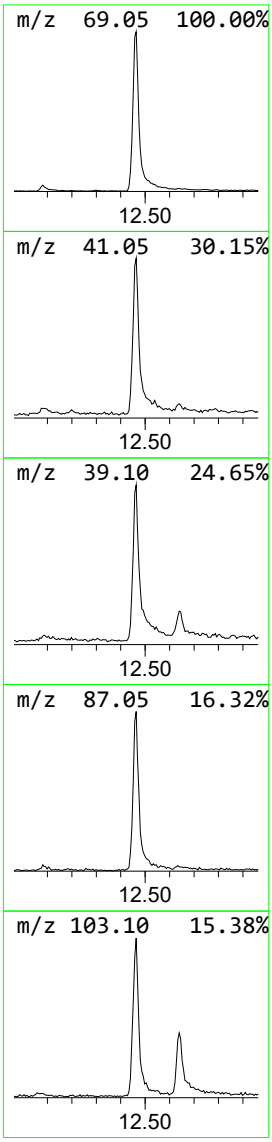
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Butenoic acid, 2-propenyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	3.66 ng/ul	571366	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	59
2	Cyclopropanecarboxylic acid, 3-m...	154	C9H14O2	1000299-37-4	50
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	39
4	Crotonic anhydride	154	C8H10O3	000623-68-7	38
5	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

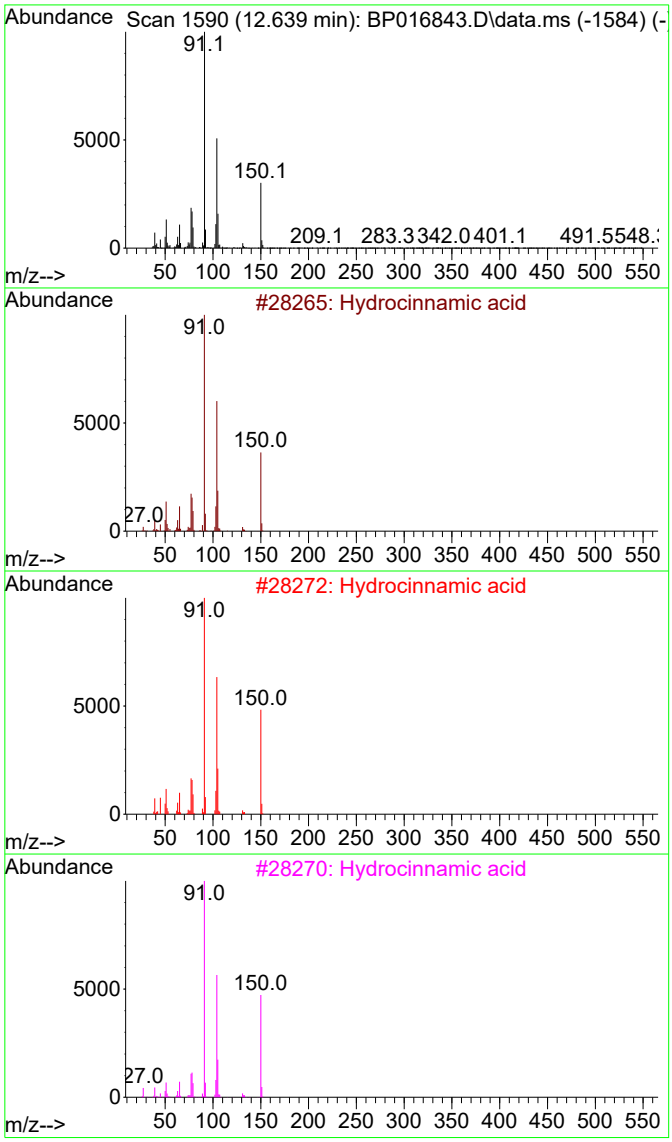
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

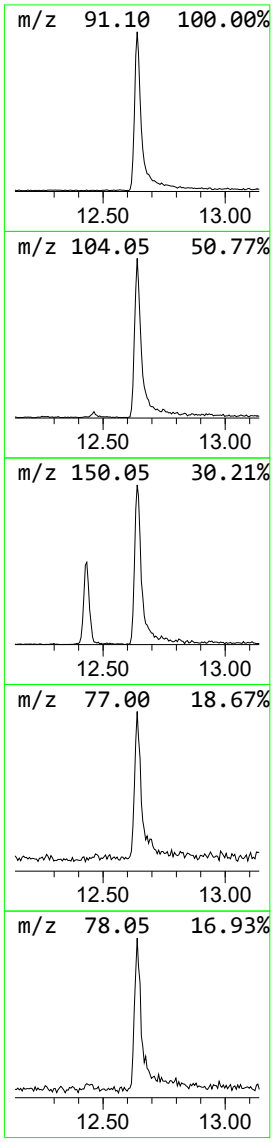
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hydrocinnamic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.639	2.32 ng/ul	362090	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	96
2	Hydrocinnamic acid	150	C9H10O2	000501-52-0	95
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	93
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

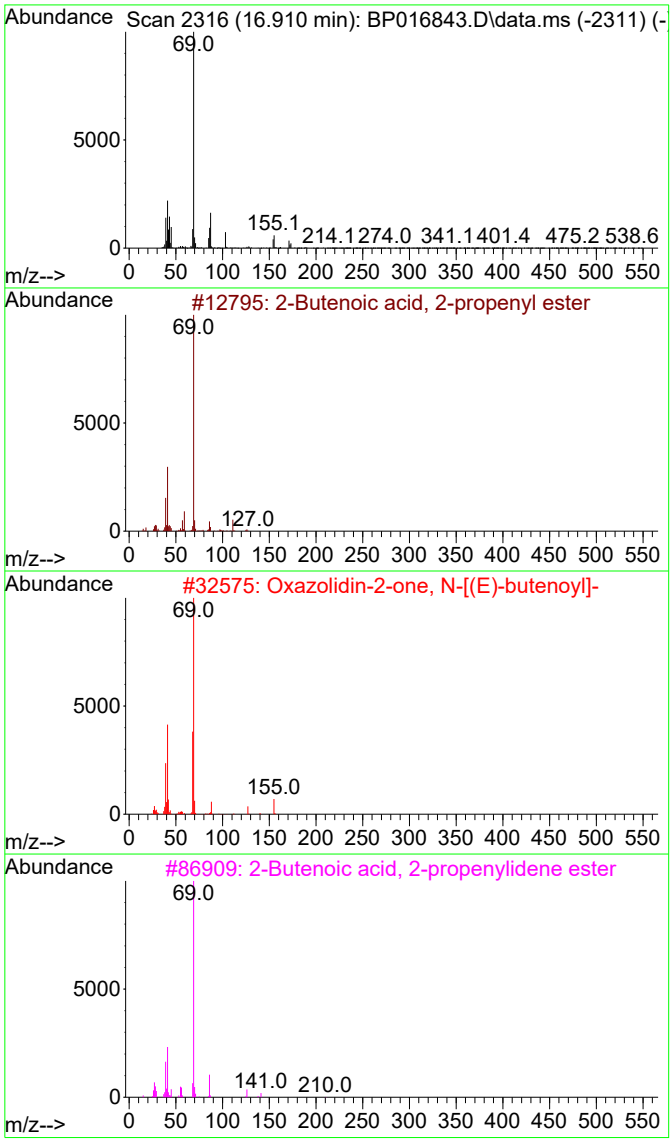
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.M
Quant Title : SVOA CALIBRATION

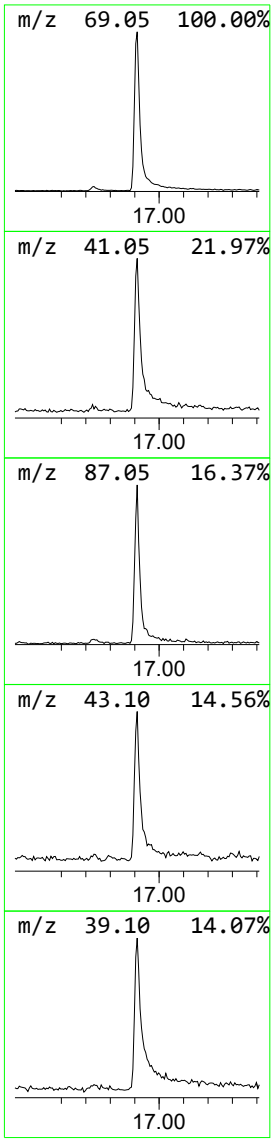
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 2-Butenoic acid, 2-propenyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	2.41 ng/ul	586266	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenyl ester	126	C7H10O2	020474-93-5	58
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1010156-45-5	47
3	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	40
4	3,3,7-Trimethyl-4-oxa-7-octen-1-ol	172	C10H20O2	069161-47-3	36
5	2,3'-Bifuran, 2,2',3',5-tetrahydro-	138	C8H10O2	098869-93-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082823\
Data File : BP016843.D
Acq On : 29 Aug 2023 21:20
Operator : MA/JU
Sample : 04148-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH8S3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082423.MA.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,...	3.681	4.8	ng/ul	498421	1	8.028	2081790	20.0
Butanoic acid	4.099	25.5	ng/ul	2655690	1	8.028	2081790	20.0
Tetrachloroethy...	4.663	422.6	ng/ul	43987400	1	8.028	2081790	20.0
Butanoic acid, ...	4.816	2.2	ng/ul	229674	1	8.028	2081790	20.0
Butanoic acid, ...	4.969	2.9	ng/ul	300294	1	8.028	2081790	20.0
Pentanoic acid	5.434	3.4	ng/ul	352198	1	8.028	2081790	20.0
Hexanoic acid	7.057	22.5	ng/ul	2338520	1	8.028	2081790	20.0
2-Butenoic acid...	12.463	3.7	ng/ul	571366	2	10.857	3123330	20.0
Hydrocinnamic acid	12.639	2.3	ng/ul	362090	2	10.857	3123330	20.0
2-Butenoic acid...	16.910	2.4	ng/ul	586266	4	17.445	4865970	20.0