LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ2

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	30	34	45	rVB	206813	293703	0.40%	0.130%
2	3.528	54	58	68	rVB	254287	314732	0.43%	0.139%
3	3.675	78	83	86	rBV	194973	324512	0.44%	0.143%
4	3.728	86	92	103	rVV	447210	1581625	2.14%	0.698%
5	3.810	103	106	133	rVB	2418202	4243775	5.73%	1.874%
6	4.522	139	227	229	rBV	5549217	74047137	100.00%	32.691%
7	4.946	291	299	304	rBV	303911	475945	0.64%	0.210%
8	5.063	312	319	327	rBV2	206994	352362	0.48%	0.156%
9	5.281	350	356	364	rBV	1280599	1924251	2.60%	0.850%
10	5.469	382	388	398	rVB3	106388	184121	0.25%	0.081%
11	6.069	485	490	502	rVB	177290	274795	0.37%	0.121%
12	7.010	640	650	656	rBV	262185	537264	0.73%	0.237%
13	7.069	656	660	667	rVV2	38577	81578	0.11%	0.036%
14	7.157	667	675	685	rVV	3455018	5528223	7.47%	2.441%
15	7.334	695	705	719	rVV	2645316	4212341	5.69%	1.860%
16	7.522	729	737	746	rVV	3180287	5143592	6.95%	2.271%
17	7.992	809	817	820	rBV	1884637	3002864	4.06%	1.326%
18	8.028	820	823	829	rVB	998346	1478263	2.00%	0.653%
19	8.704	930	938	945	rBV	4152294	6618822	8.94%	2.922%
20	8.757	945	947	955	rVB	45884	75240	0.10%	0.033%
21	9.163	1008	1016	1027	rBV	3158963	5224754	7.06%	2.307%
22	9.545	1071	1081	1096	rVB2	35865	94390	0.13%	0.042%
23	9.734	1106	1113	1122	rBV	158470	257733	0.35%	0.114%
24	9.886	1130	1139	1151	rBV	2624805	4402364	5.95%	1.944%
25	10.416	1222	1229	1244	rBV	3760863	6409671	8.66%	2.830%
26	10.798	1285	1294	1310	rVB	2601610	4427719	5.98%	1.955%
27	10.945	1310	1319	1337	rBV	3296111	5820380	7.86%	2.570%
28	11.345	1379	1387	1395	rVV4	56044	144757	0.20%	0.064%
29	11.551	1415	1422	1433	rBV	185034	363138	0.49%	0.160%
30	12.210	1529	1534	1540	rVB	51197	75108	0.10%	0.033%
31	12.380	1559	1563	1569	rVB	60588	95725	0.13%	0.042%
32	12.592	1592	1599	1607	rBV	60009	114441	0.15%	0.051%
33	13.445	1735	1744	1748	rBV2	72060	132306	0.18%	0.058%
34	14.039	1837	1845	1860	rBV	5598779	7994876	10.80%	3.530%
35	14.316	1885	1892	1904	rVB	6798518	10339662	13.96%	4.565%
36	14.621	1935	1944	1952	rBV	3394196	5091536	6.88%	2.248%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	14.821	1971	1978	1996	rBV	2708075	4089679	5.52%	1.806%
38	15.616	2103	2113	2123	rBV	8160218	11468201	15.49%	5.063%
39	15.733	2126	2133	2147	rBV	2358033	3179159	4.29%	1.404%
40	16.815	2313	2317	2326	rVB	77224	119573	0.16%	0.053%
41	17.362	2404	2410	2420	rBV	3344960	4799772	6.48%	2.119%
42	17.462	2420	2427	2436	rBV	7124617	10427006	14.08%	4.603%
43	18.268	2558	2564	2582	rBV	1076757	1817861	2.46%	0.803%
44	19.315	2738	2742	2747	rVB2	78808	104302	0.14%	0.046%
45	19.386	2750	2754	2758	rBV	96479	146825	0.20%	0.065%
46	19.539	2775	2780	2788	rBV	210517	326197	0.44%	0.144%
47	19.751	2810	2816	2824	rBV	7619874	9820339	13.26%	4.336%
48	21.262	3068	3073	3082	rBV	971959	1358696	1.83%	0.600%
49	21.539	3115	3120	3133	rBV	2937844	3826599	5.17%	1.689%
50	23.256	3409	3412	3417	rVB	158565	211155	0.29%	0.093%
51	23.809	3498	3506	3517	rVB2	4663645	9158547	12.37%	4.043%
52	23.962	3526	3532	3541	rVB	1903757	3971078	5.36%	1.753%

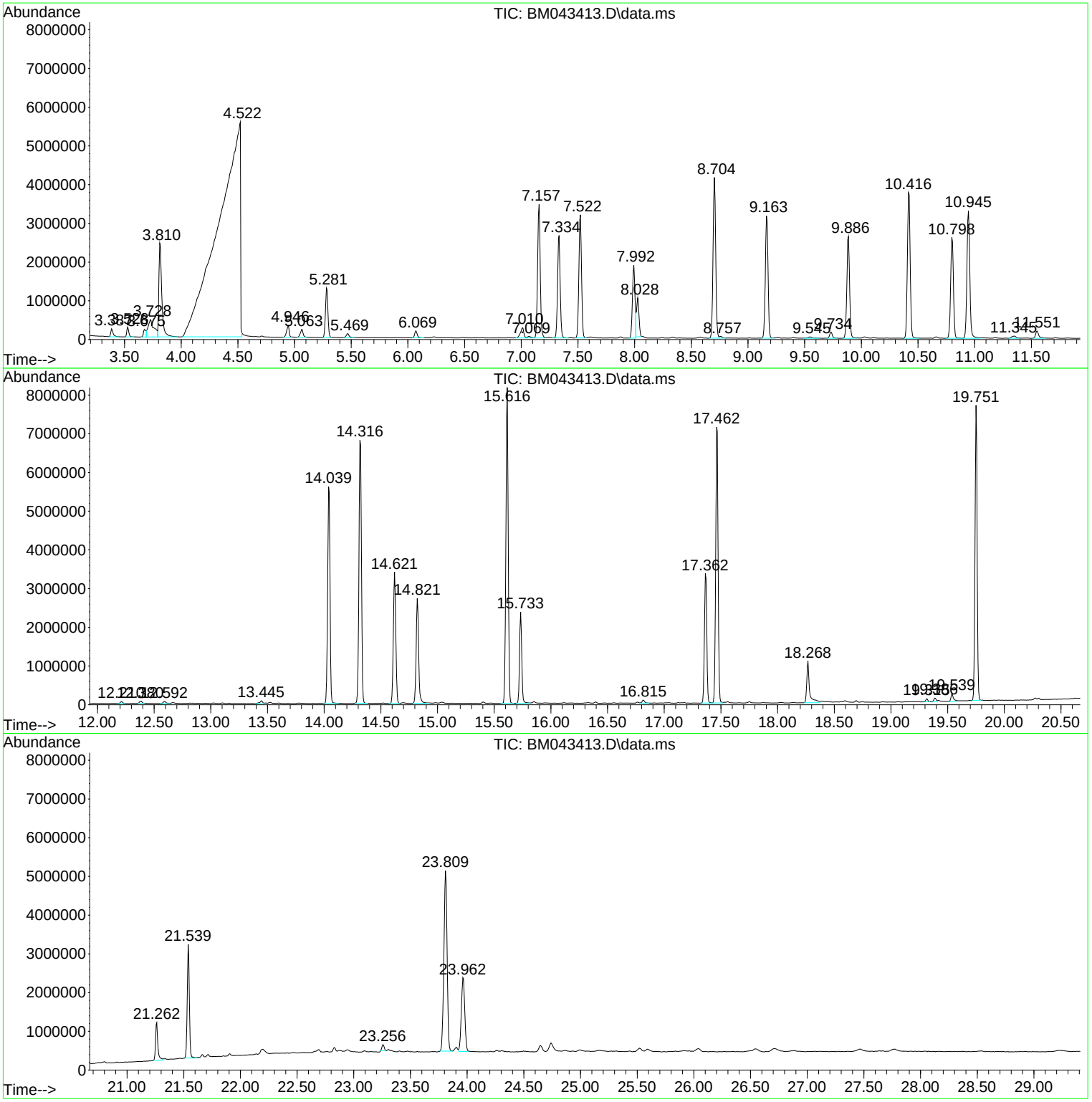
Sum of corrected areas: 226508694

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

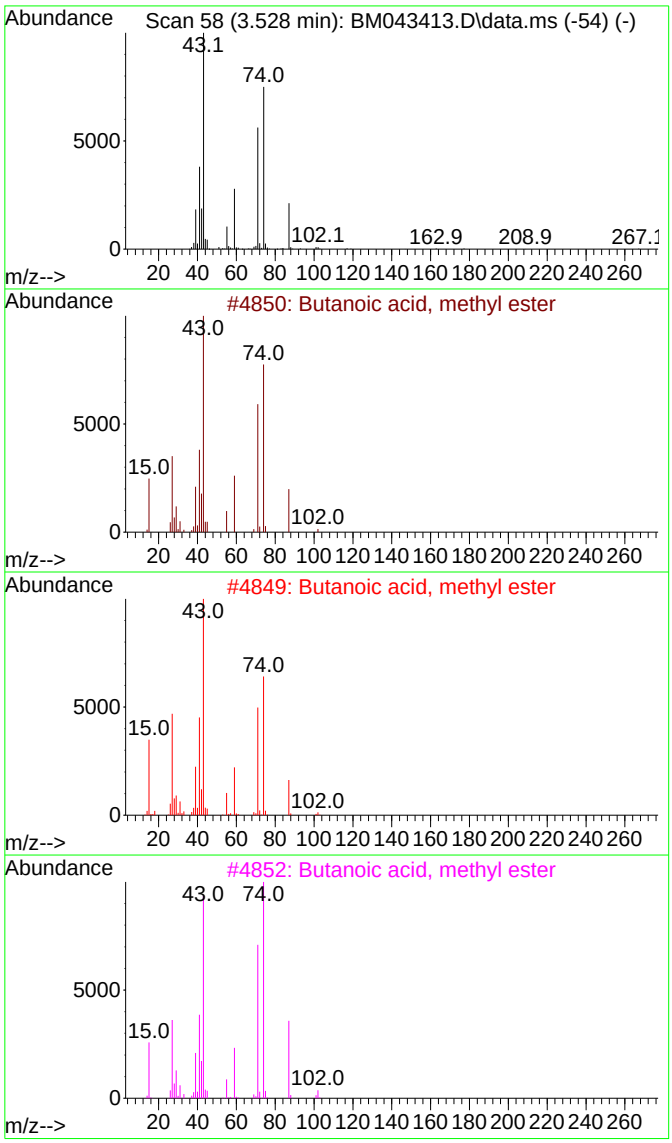
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

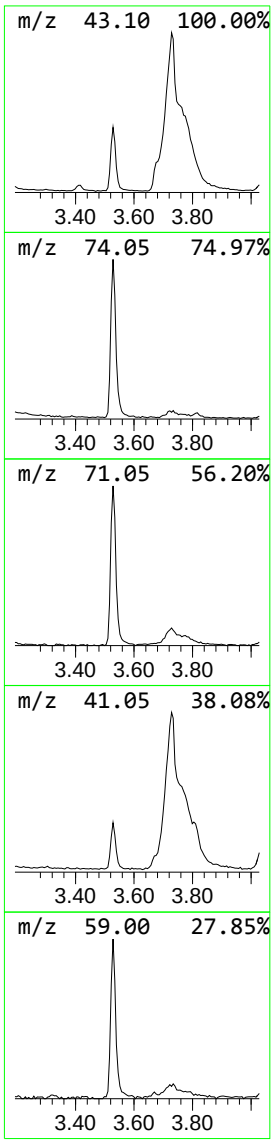
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.528	2.10 ng/ul	314732	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	64
5	Methyl isobutyrate	102	C5H10O2	000547-63-7	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

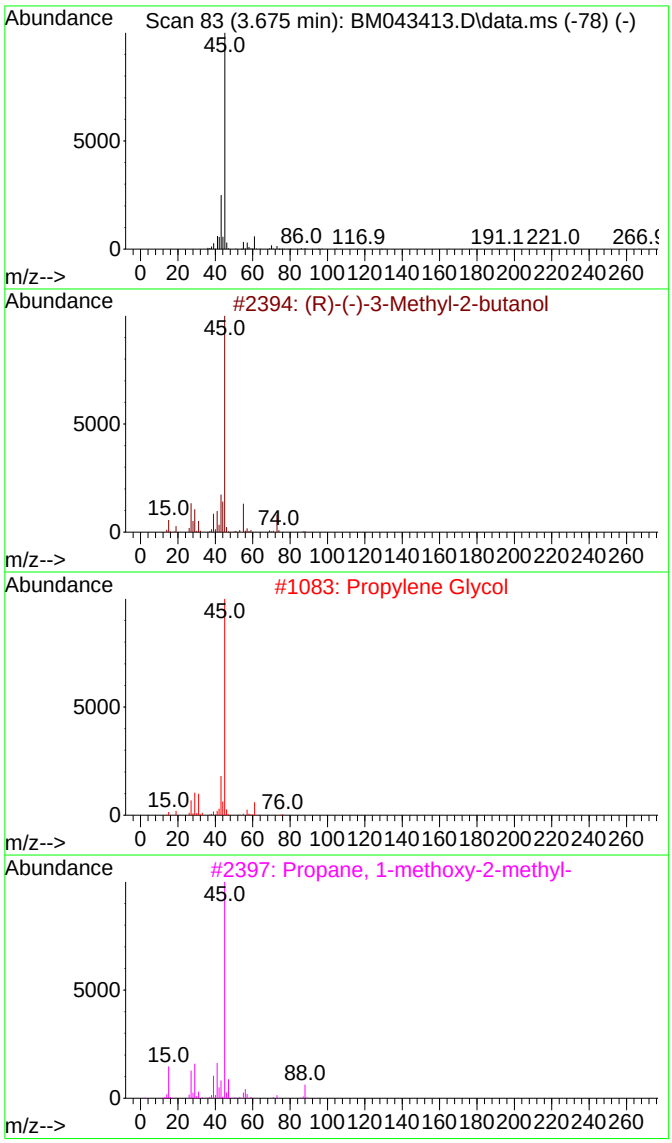
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

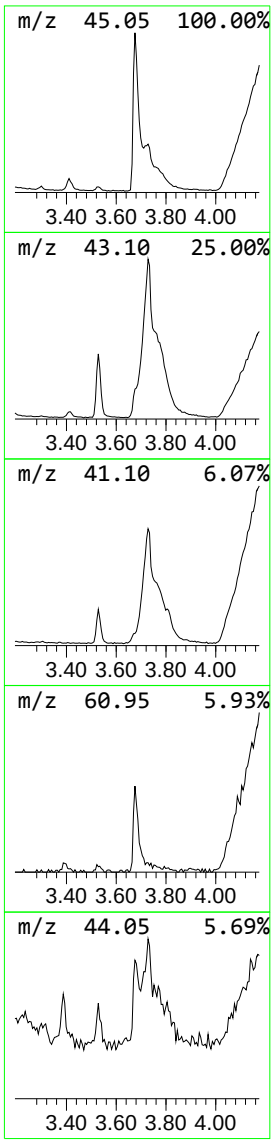
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (R)-(-)-3-Methyl-2-butanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.675	2.16 ng/ul	324512	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	72
2	Propylene Glycol	76	C3H8O2	000057-55-6	72
3	Propane, 1-methoxy-2-methyl-	88	C5H12O	000625-44-5	72
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	2-Hexanol	102	C6H14O	000626-93-7	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

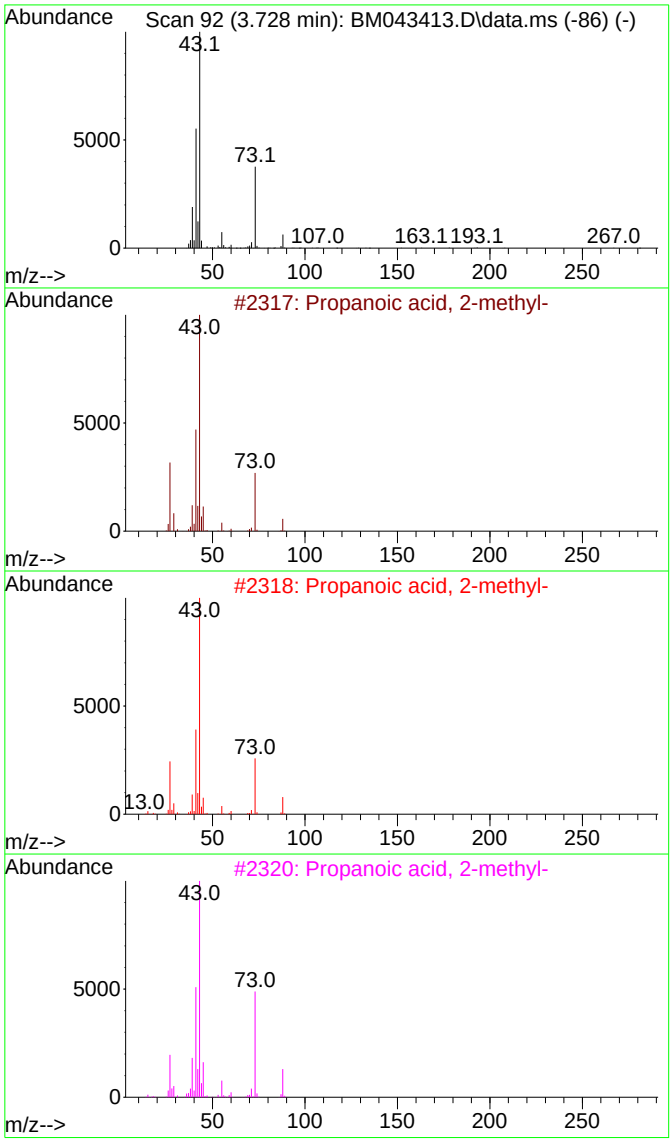
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

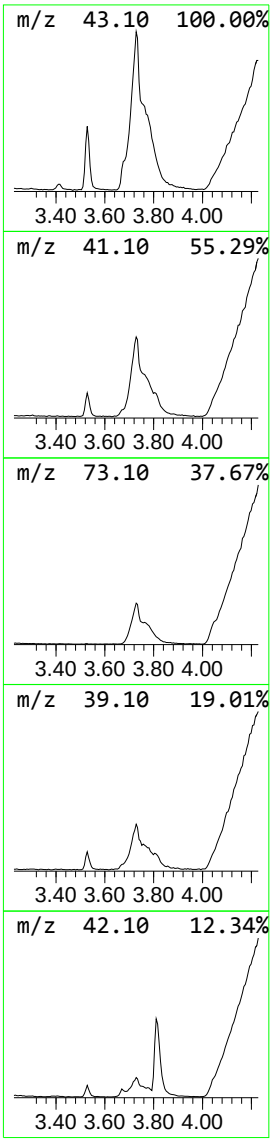
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.728	10.53 ng/ul	1581630	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	86
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	72
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

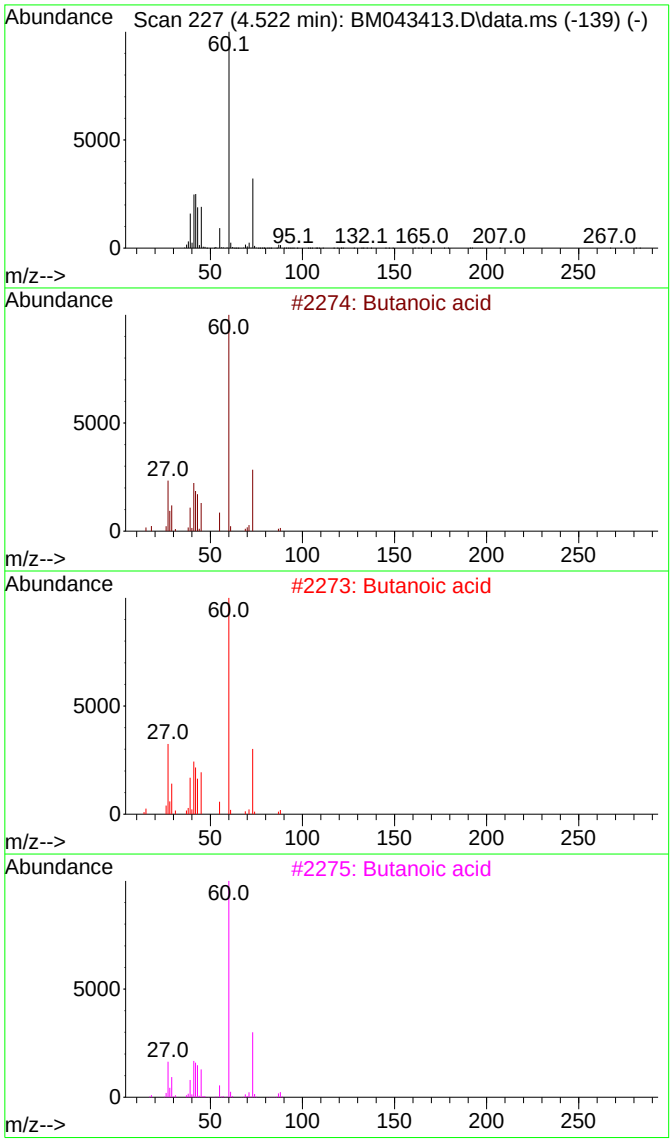
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

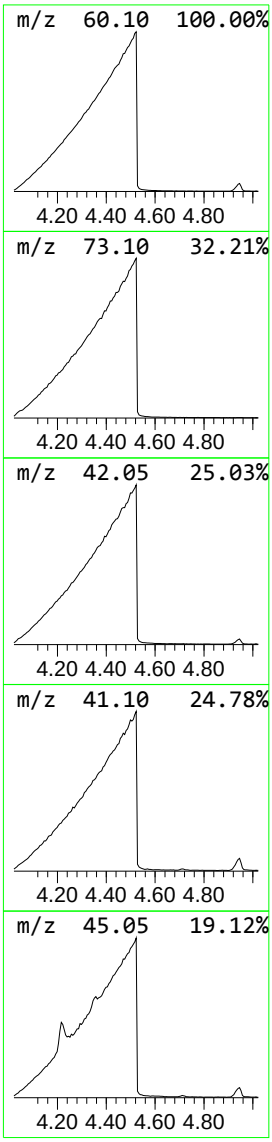
****

Peak Number 4 Butanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	493.18 ng/ul	74047100	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	87
2	Butanoic acid	88	C4H8O2	000107-92-6	87
3	Butanoic acid	88	C4H8O2	000107-92-6	80
4	Butanoic acid	88	C4H8O2	000107-92-6	72
5	Pentanoic acid	102	C5H10O2	000109-52-4	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

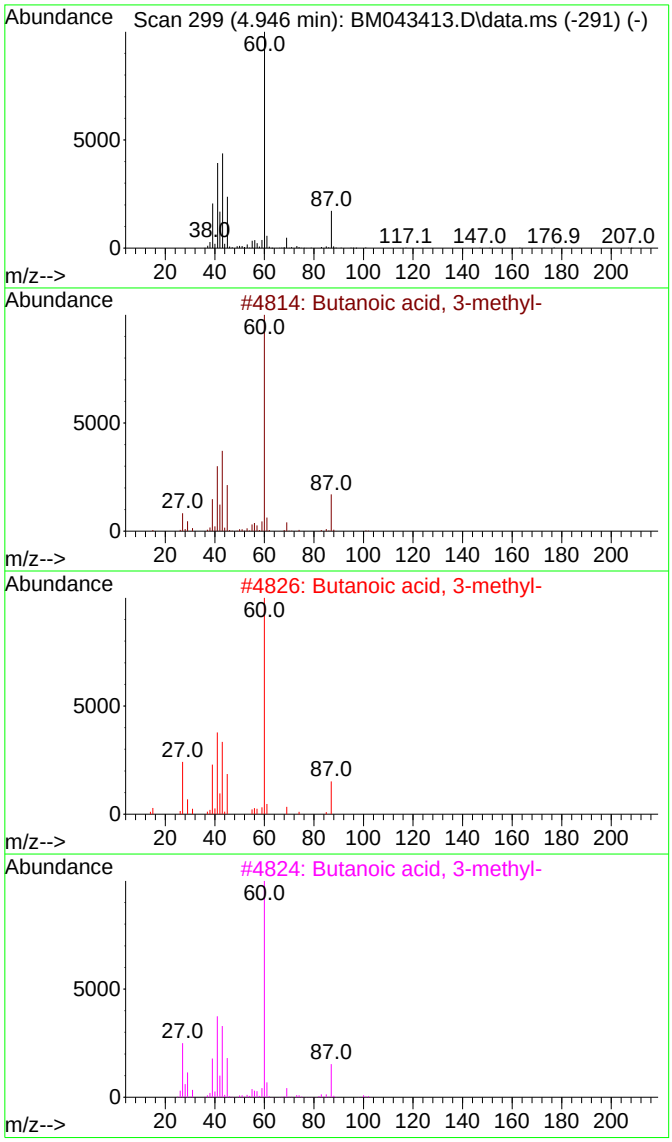
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

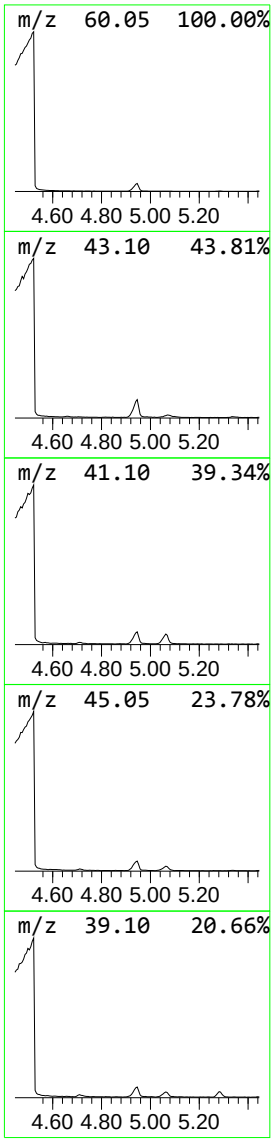
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Butanoic acid, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	3.17 ng/ul	475945	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
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_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

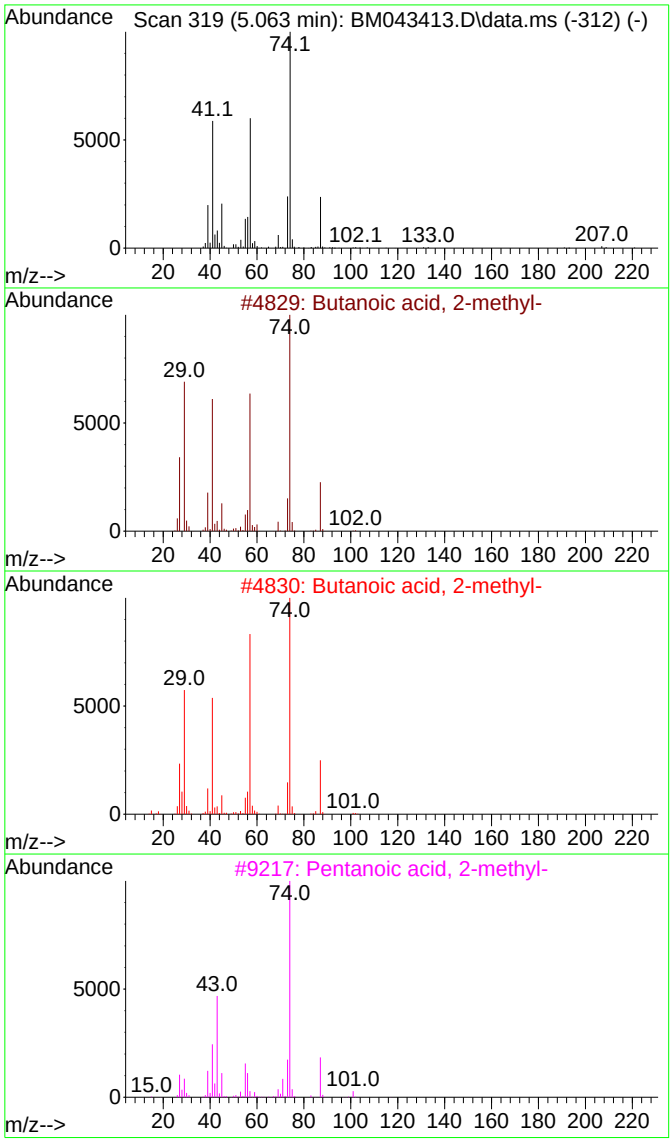
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

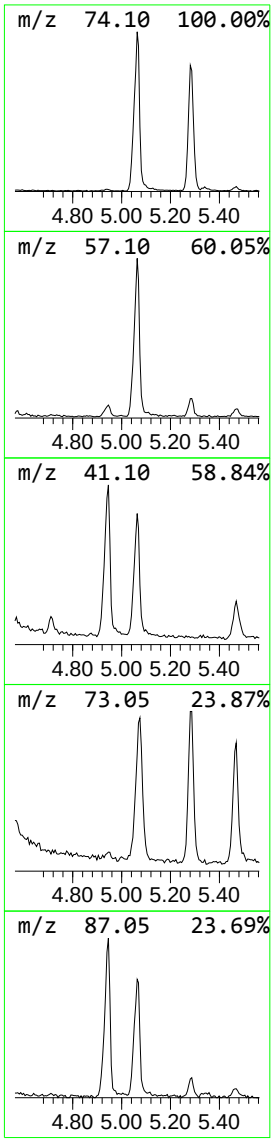
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Butanoic acid, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.063	2.35 ng/ul	352362	1,4-Dichlorobenzene-d4	7.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	80
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	72
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

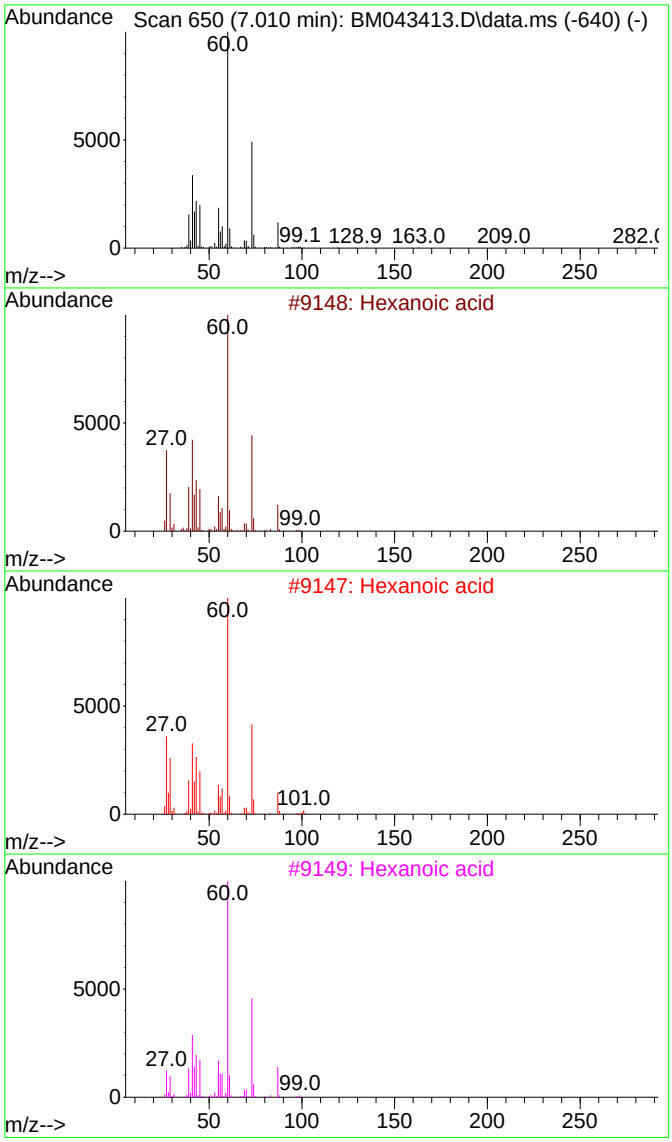
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

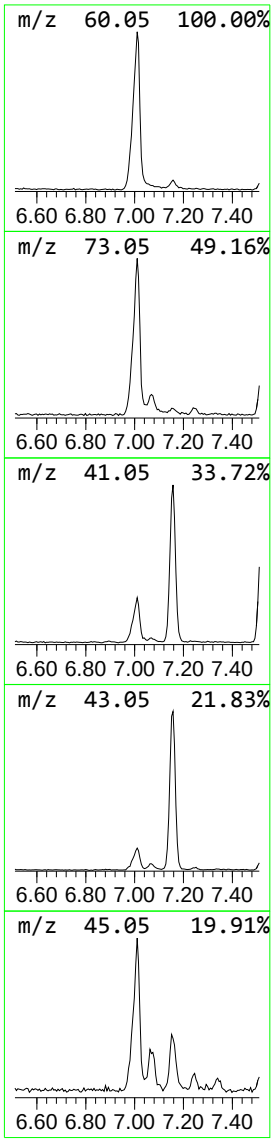
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	3.58 ng/ul	537264	1,4-Dichlorobenzene-d4	7.992

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	83
3	Hexanoic acid	116	C6H12O2	000142-62-1	83
4	Hexanoic acid	116	C6H12O2	000142-62-1	78
5	Octanoic acid	144	C8H16O2	000124-07-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

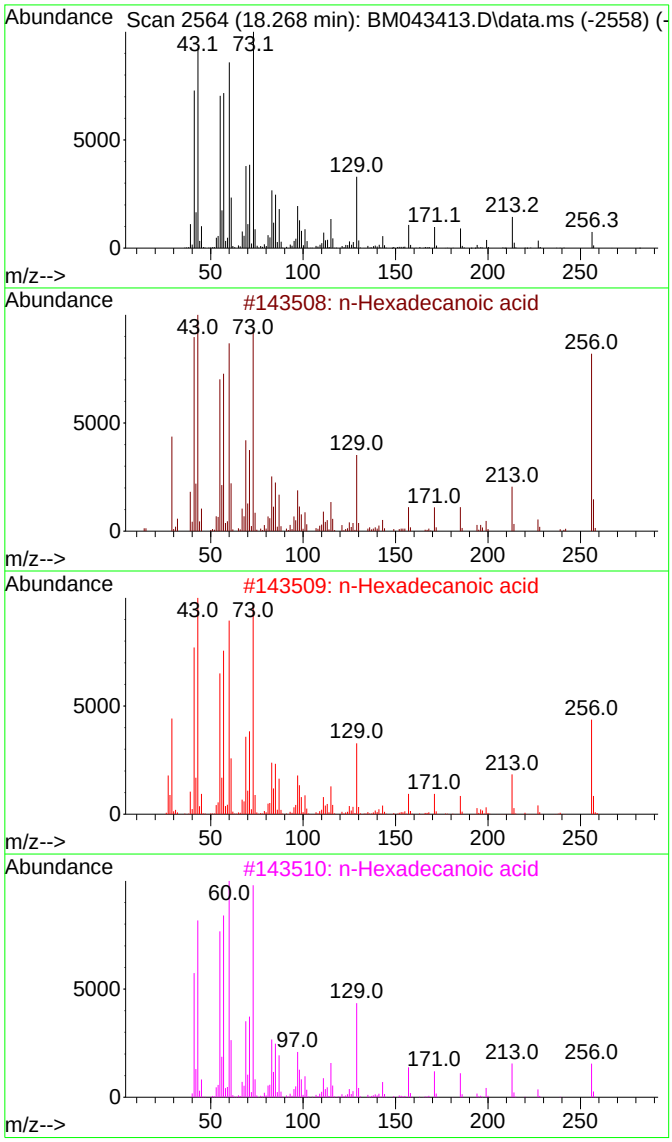
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

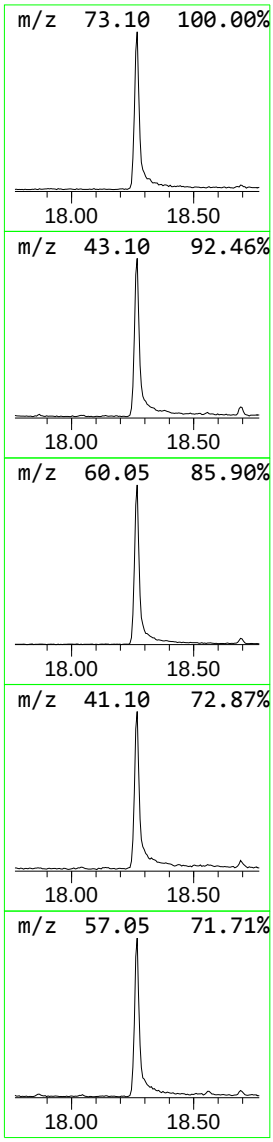
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	7.57 ng/ul	1817860	Phenanthrene-d10	17.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

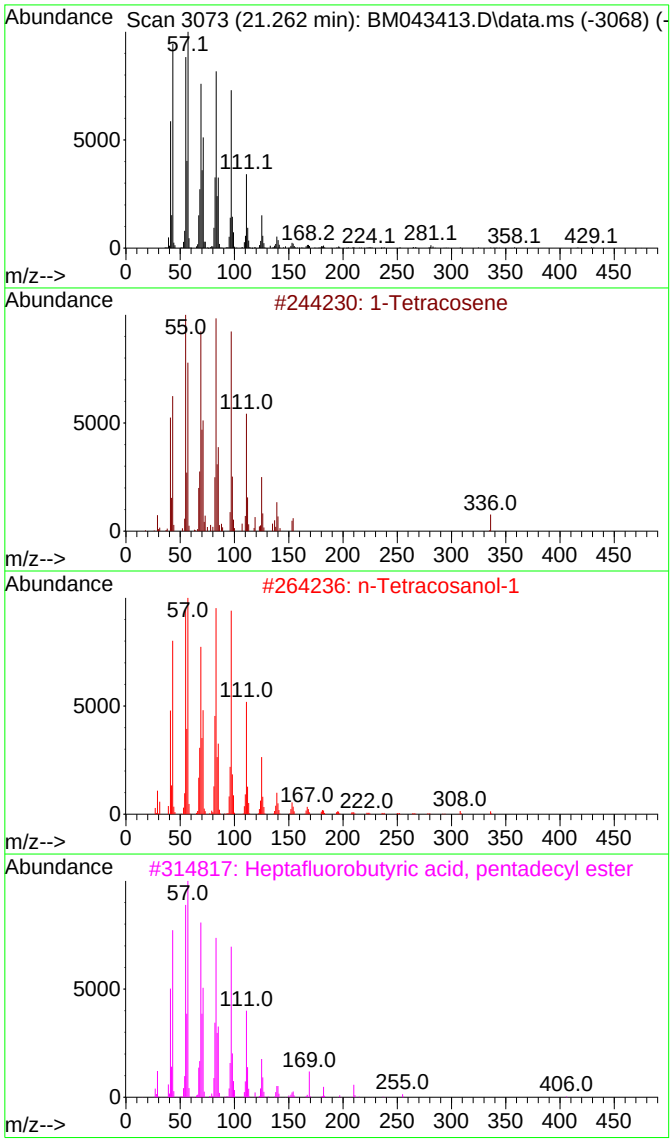
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

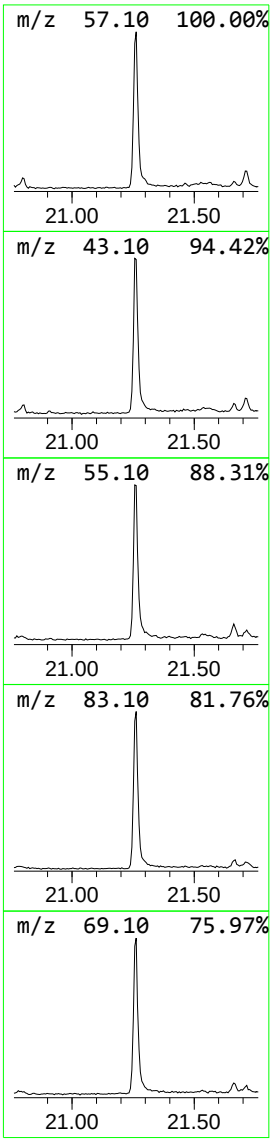
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	7.10 ng/ul	1358700	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043413.D
Acq On : 19 Dec 2023 03:47
Operator : MA/JU
Sample : 05807-10
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
Butanoic acid, ...	3.528	2.1	ng/ul	314732	1	7.992	3002860	20.0
(R)-(-)-3-Methy...	3.675	2.2	ng/ul	324512	1	7.992	3002860	20.0
Propanoic acid,...	3.728	10.5	ng/ul	1581630	1	7.992	3002860	20.0
Butanoic acid	4.522	493.2	ng/ul	74047100	1	7.992	3002860	20.0
Butanoic acid, ...	4.946	3.2	ng/ul	475945	1	7.992	3002860	20.0
Butanoic acid, ...	5.063	2.4	ng/ul	352362	1	7.992	3002860	20.0
Hexanoic acid	7.010	3.6	ng/ul	537264	1	7.992	3002860	20.0
n-Hexadecanoic ...	18.268	7.6	ng/ul	1817860	4	17.363	4799770	20.0
(DEL) Alkane: S...	21.262	7.1	ng/ul	1358700	5	21.539	3826600	20.0