LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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: BP007780.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.405	16	20	31	rVB	108075	162567	0.11%	0.054%
2	3.722	59	74	87	rBV2	100290	538239	0.36%	0.179%
3	4.269	116	167	170	rBV	1103082	9169974	6.11%	3.055%
4	4.858	254	267	272	rBV	209118	695816	0.46%	0.232%
5	5.158	283	318	321	rVV	728629	4410959	2.94%	1.470%
6	5.693	362	409	412	rBV	1079045	8826451	5.88%	2.941%
7	6.387	520	527	539	rVB	120901	271484	0.18%	0.090%
8	7.263	617	676	677	rBV3	1731400	15968312	10.64%	5.320%
9	7.452	706	708	710	rVB	2758136	1951653	1.30%	0.650%
10	7.928	782	789	795	rBV	678295	1085001	0.72%	0.361%
11	8.005	795	802	812	rVB2	163051	321001	0.21%	0.107%
12	8.669	889	915	918	rBV	924158	3901439	2.60%	1.300%
13	8.699	918	920	933	rVB	298353	424590	0.28%	0.141%
14	9.087	978	986	997	rBV	127842	218750	0.15%	0.073%
15	9.810	1102	1109	1116	rBV	90603	157064	0.10%	0.052%
16	10.263	1146	1186	1190	rBV2	2236294	14777030	9.84%	4.923%
17	10.357	1196	1202	1212	rVB	157999	291814	0.19%	0.097%
18	10.528	1226	1231	1241	rVB	104133	171670	0.11%	0.057%
19	10.734	1259	1266	1274	rBV	913413	1532699	1.02%	0.511%
20	11.569	1400	1408	1416	rBV	290152	525455	0.35%	0.175%
21	12.540	1567	1573	1584	rBV	110251	177519	0.12%	0.059%
22	12.904	1623	1635	1650	rBV	1339893	2972465	1.98%	0.990%
23	13.981	1811	1818	1824	rBV	288942	432520	0.29%	0.144%
24	14.263	1856	1866	1873	rVB	300355	479264	0.32%	0.160%
25	14.569	1913	1918	1922	rVV	1437929	2131801	1.42%	0.710%
26	14.610	1922	1925	1938	rVB2	586212	896639	0.60%	0.299%
27	15.004	1987	1992	2005	rVB	442704	646998	0.43%	0.216%
28	15.563	2082	2087	2098	rVB	462372	669759	0.45%	0.223%
29	15.681	2101	2107	2116	rBV	551953	859627	0.57%	0.286%
30	16.545	2245	2254	2270	rBV	570471	1112146	0.74%	0.371%
31	16.781	2280	2294	2321	rBV2	7790570	21434654	14.28%	7.142%
32	17.275	2370	2378	2382	rBV	545569	886934	0.59%	0.296%
33	17.328	2382	2387	2399	rVB	1808711	2708086	1.80%	0.902%
34	17.428	2399	2404	2411	rVB	450362	657752	0.44%	0.219%
35	17.516	2414	2419	2426	rBV	279917	457221	0.30%	0.152%
36	18.180	2518	2532	2535	rBV4	536219	1975520	1.32%	0.658%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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	18.351	2536	2561	2588	rVB2	26431139	150116084	100.00%	50.015%
38	18.716	2620	2623	2630	rVB6	116114	197502	0.13%	0.066%
39	18.886	2649	2652	2659	rBV	224726	315462	0.21%	0.105%
40	19.398	2729	2739	2748	rBV	3835722	10871896	7.24%	3.622%
41	19.492	2748	2755	2772	rVB2	11060438	20337859	13.55%	6.776%
42	19.663	2780	2784	2789	rVB	608730	825689	0.55%	0.275%
43	19.922	2825	2828	2840	rVB6	149173	360025	0.24%	0.120%
44	20.422	2910	2913	2920	rBV2	214241	357621	0.24%	0.119%
45	20.522	2925	2930	2945	rVV2	1835749	3179269	2.12%	1.059%
46	21.333	3065	3068	3073	rVB	372144	392791	0.26%	0.131%
47	21.421	3078	3083	3098	rBV	2503772	3595458	2.40%	1.198%
48	23.704	3466	3471	3479	rVB2	447636	870187	0.58%	0.290%
49	23.863	3492	3498	3509	rVB2	1718501	3617977	2.41%	1.205%
50	27.251	4068	4074	4087	rVB2	376109	1202930	0.80%	0.401%

Sum of corrected areas: 300141623

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
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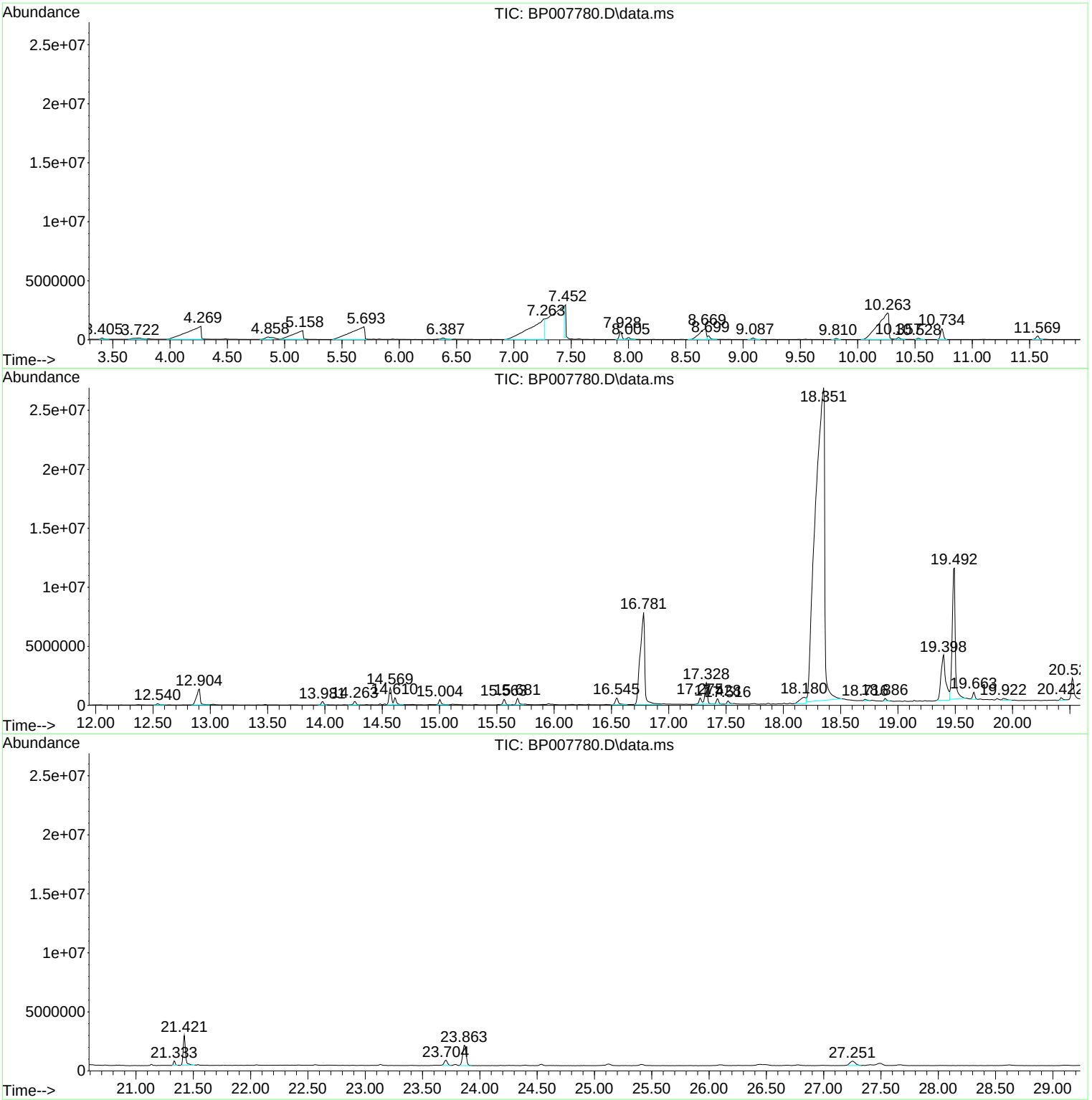
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

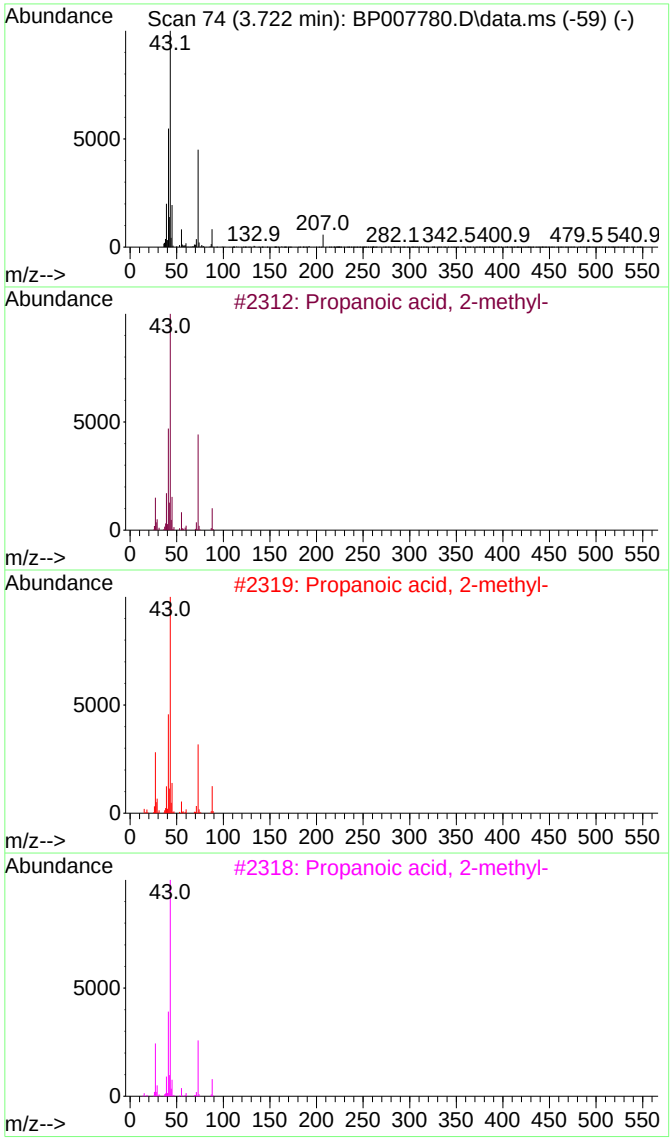
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

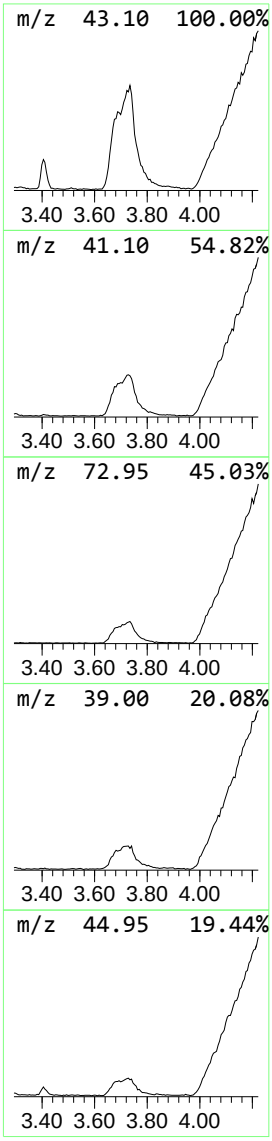
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.722	9.92 ng/ul	538239	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	68
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	53
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	52
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

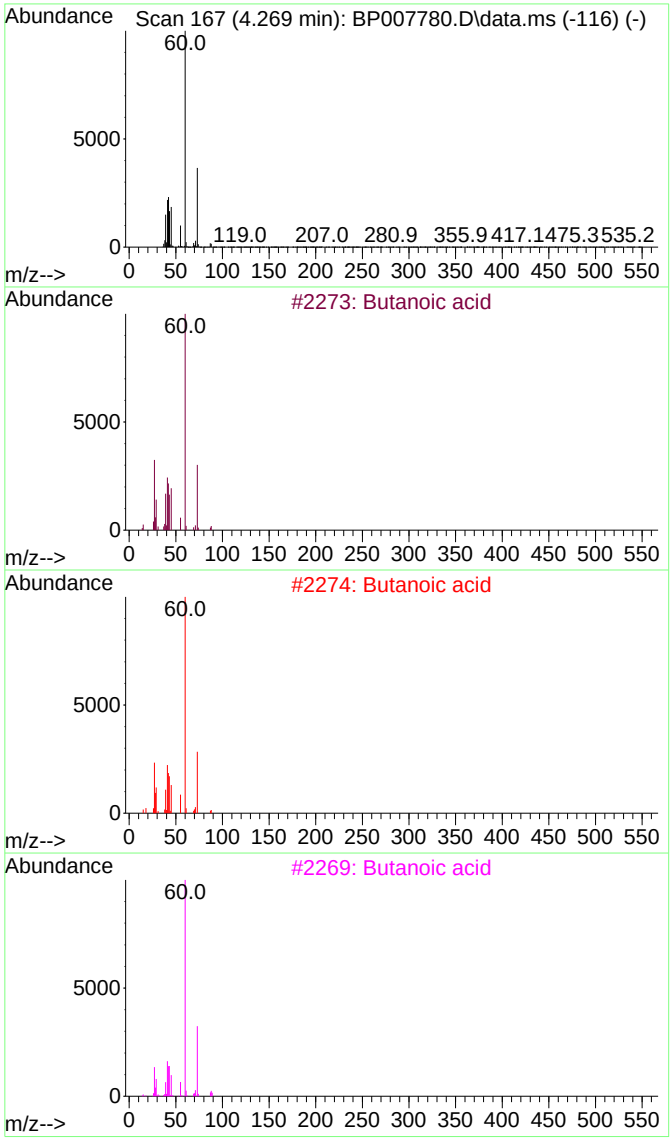
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

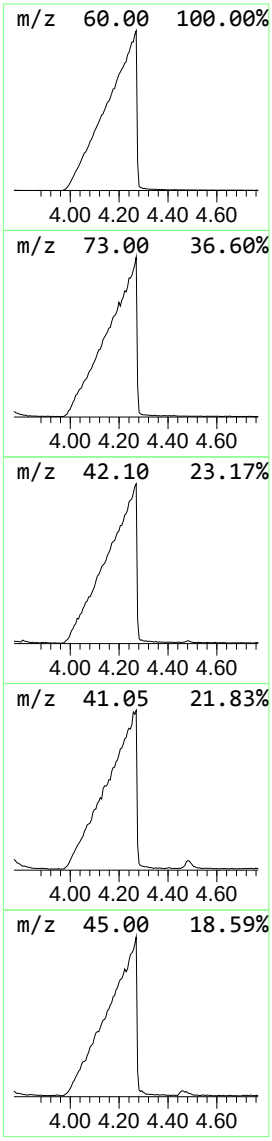
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.269	169.03 ng/ul	9169970	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	72
4	Butanoic acid	88	C4H8O2	000107-92-6	72
5	Pentanoic acid	102	C5H10O2	000109-52-4	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

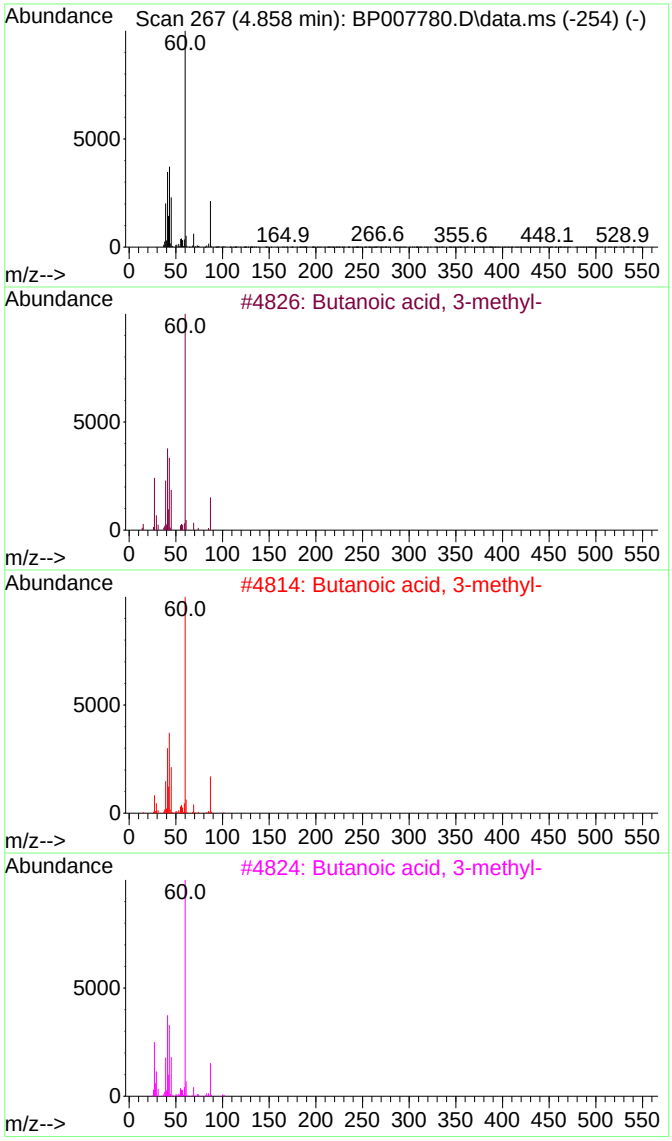
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

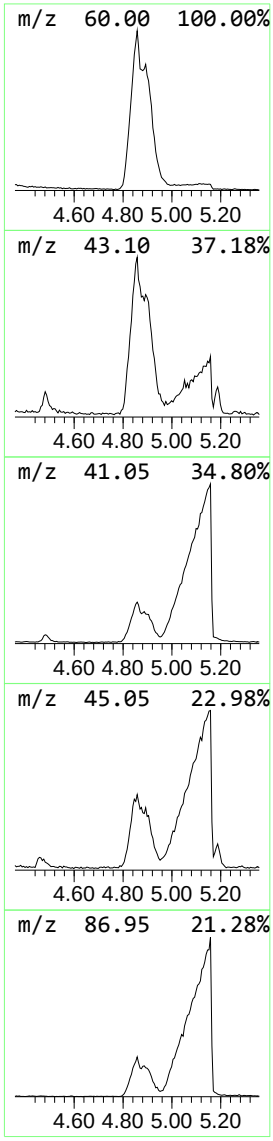
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.858	12.83 ng/ul	695816	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	83
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
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_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

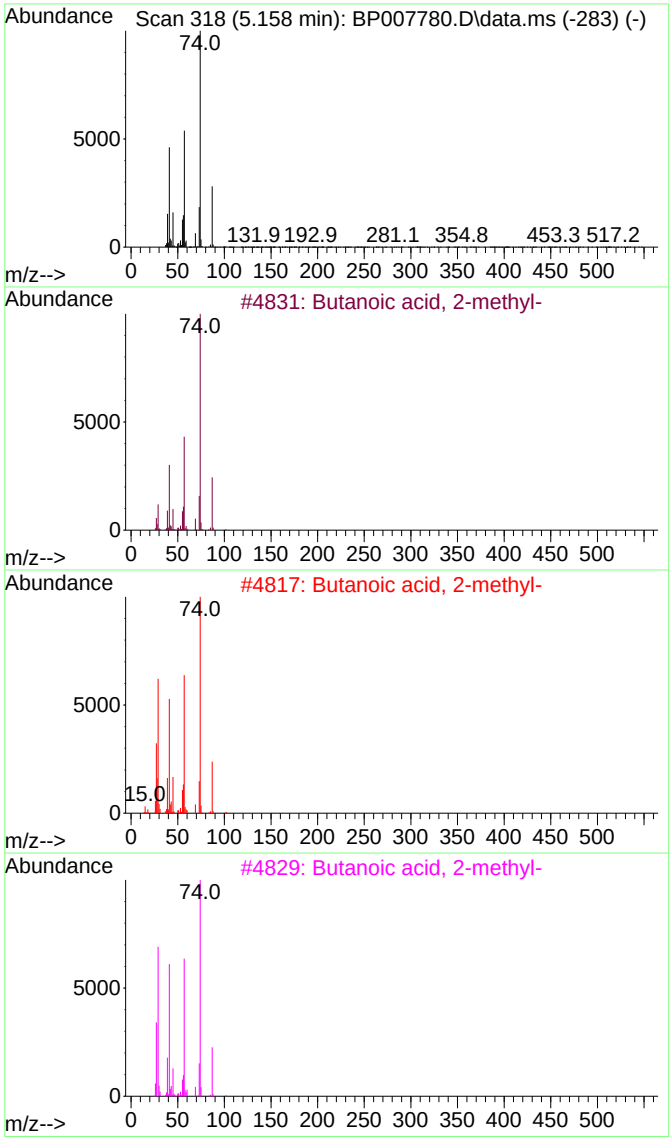
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

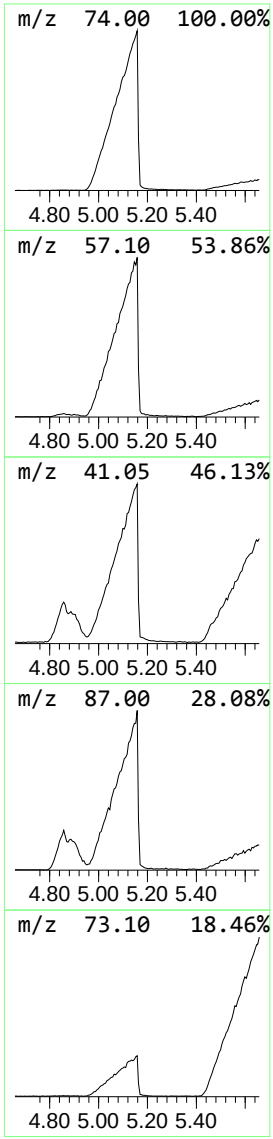
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.158	81.31 ng/ul	4410960	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	90
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	83
3	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
4	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

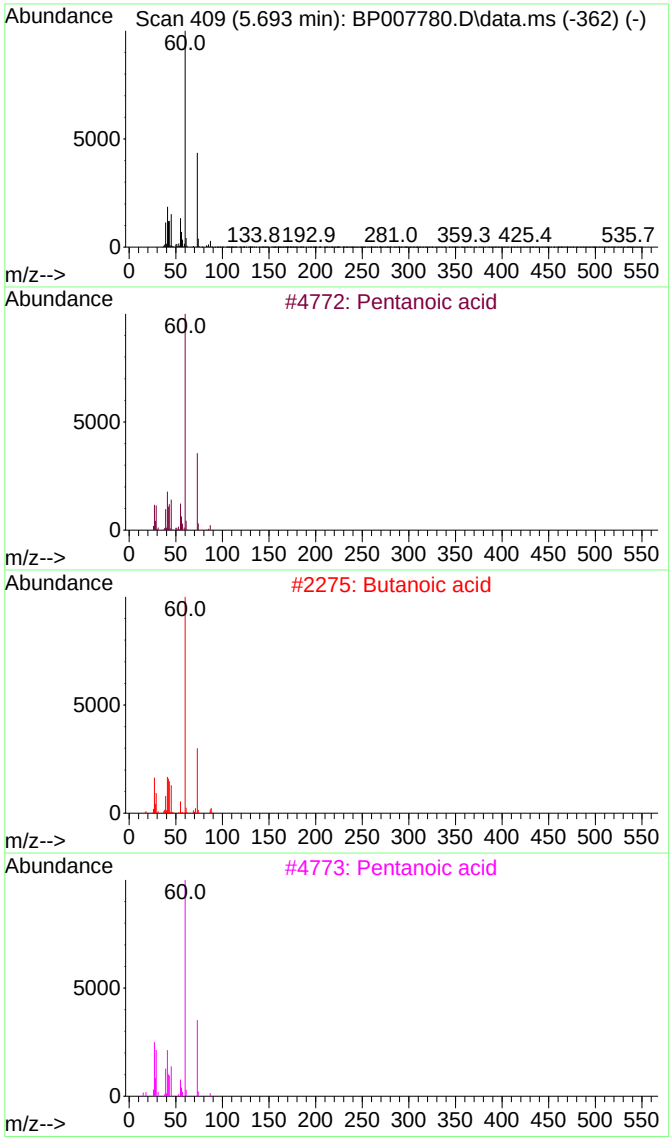
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

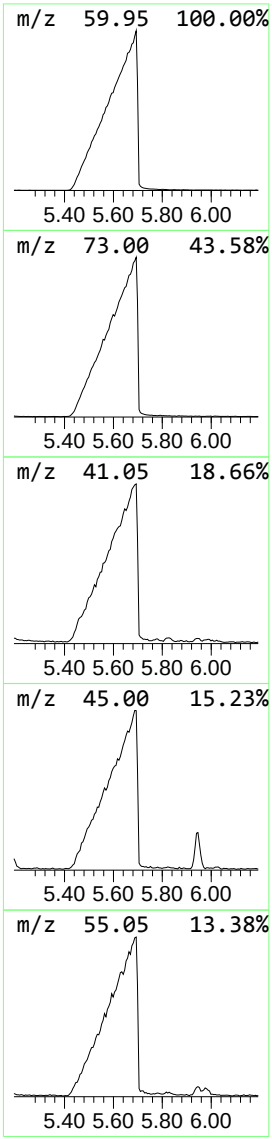
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.693	162.70 ng/ul	8826450	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	Butanoic acid	88	C4H8O2	000107-92-6	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	83
4	Pentanoic acid	102	C5H10O2	000109-52-4	78
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

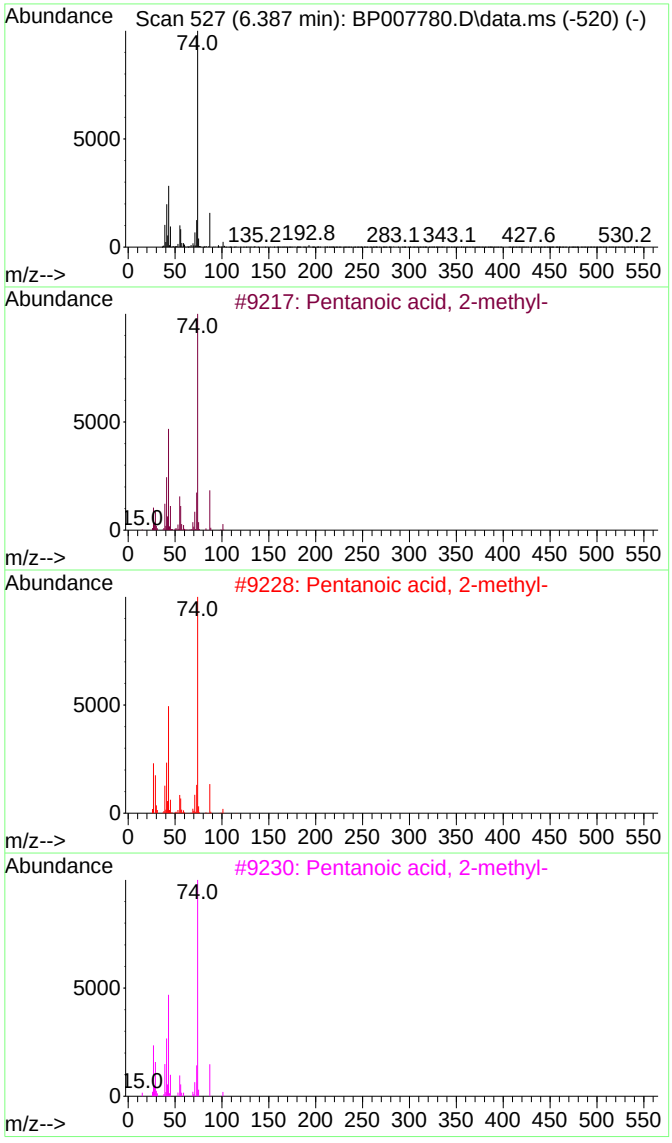
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

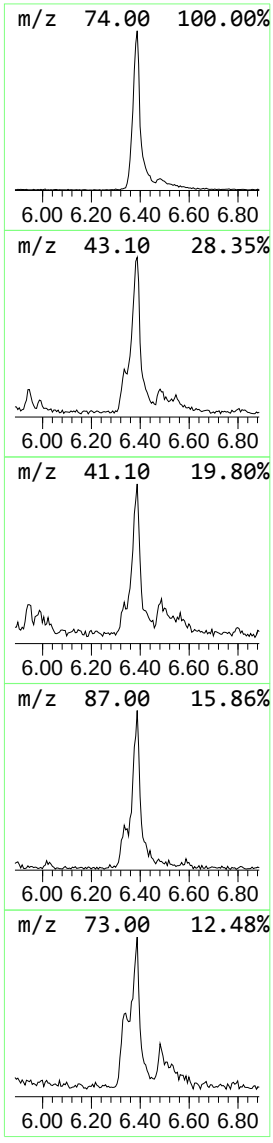
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentanoic acid, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.387	5.00 ng/ul	271484	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	83
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	72
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	56
5	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

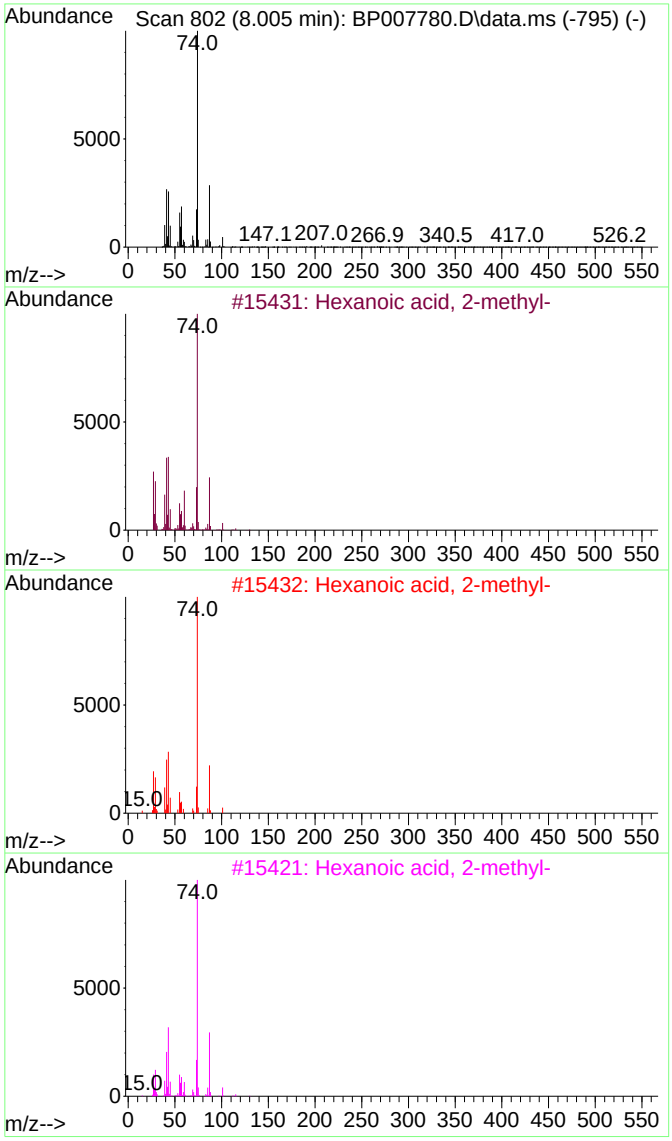
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

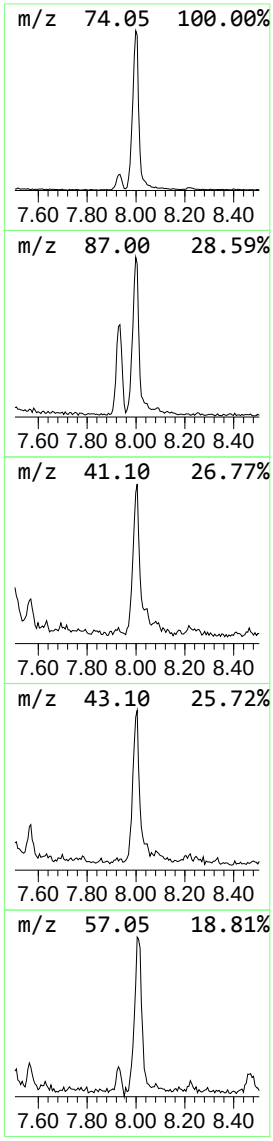
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexanoic acid, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.005	5.92 ng/ul	321001	1,4-Dichlorobenzene-d4	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	83
2	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	83
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	78
4	Decanoic acid, 2-methyl-	186	C11H22O2	024323-23-7	78
5	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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

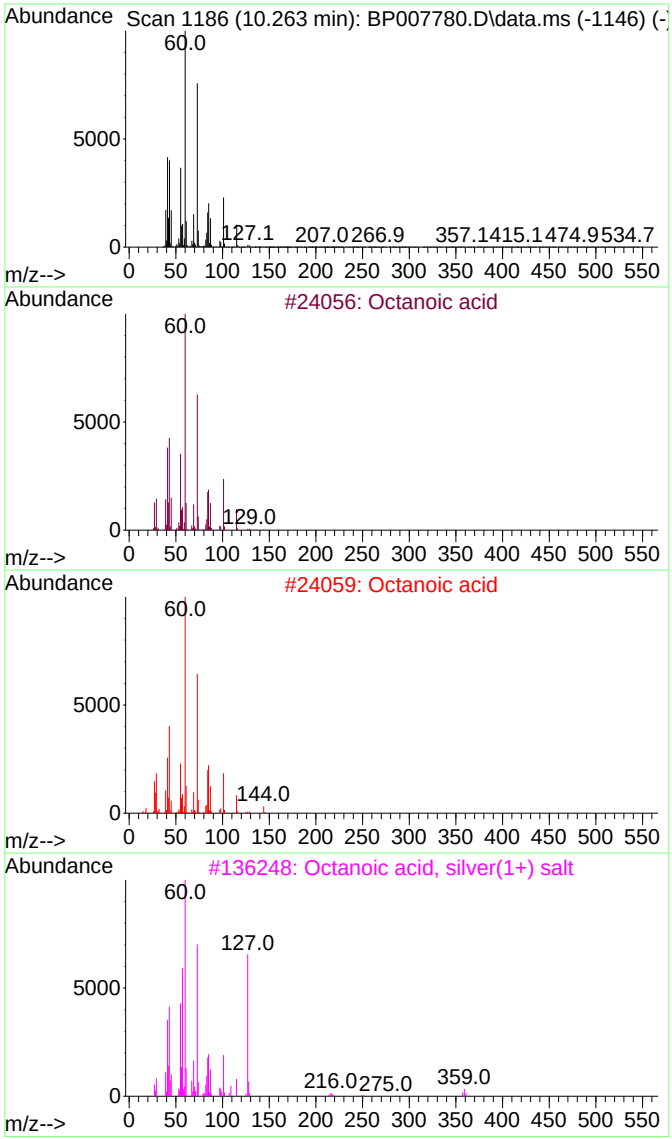
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

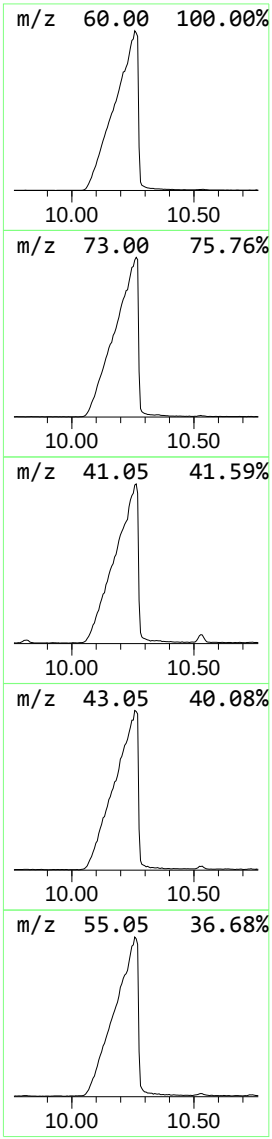
****

Peak Number 8 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	192.82 ng/ul	14777000	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	97
2	Octanoic acid	144	C8H16O2	000124-07-2	86
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	80
4	Octanoic acid	144	C8H16O2	000124-07-2	78
5	Octanoic acid	144	C8H16O2	000124-07-2	64





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

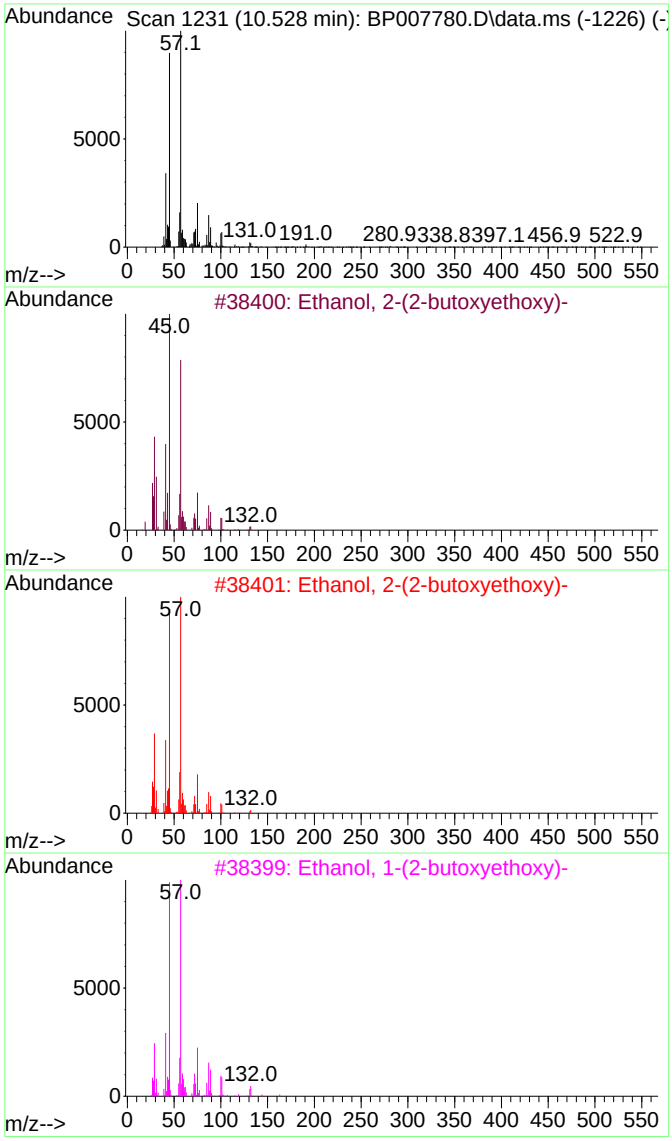
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

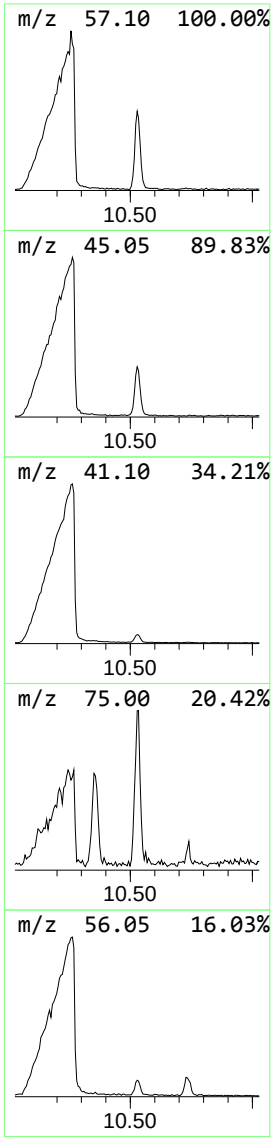
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	2.24 ng/ul	171670	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64





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Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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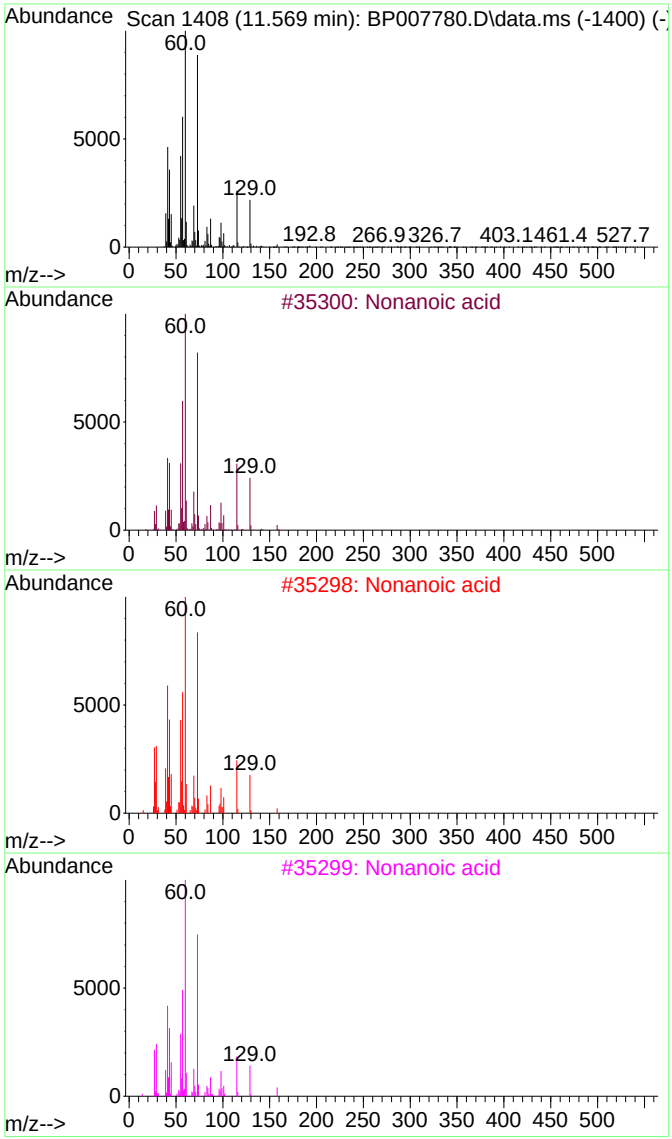
Quant Title : SVOA CALIBRATION

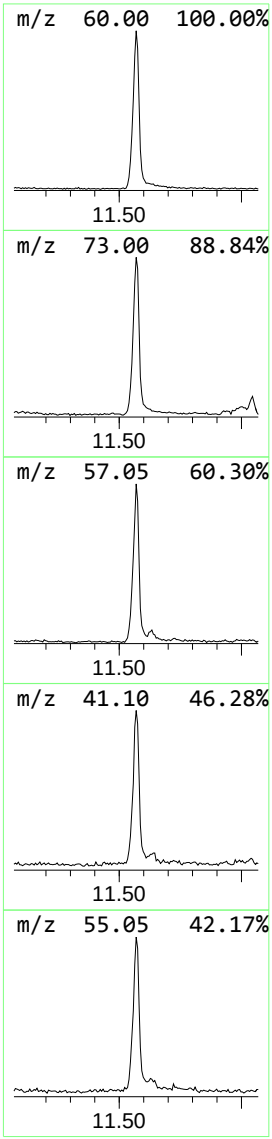
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Nonanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	6.86 ng/ul	525455	Naphthalene-d8	10.734

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	95
2	Nonanoic acid	158	C9H18O2	000112-05-0	91
3	Nonanoic acid	158	C9H18O2	000112-05-0	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	72





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Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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Quant Title : SVOA CALIBRATION

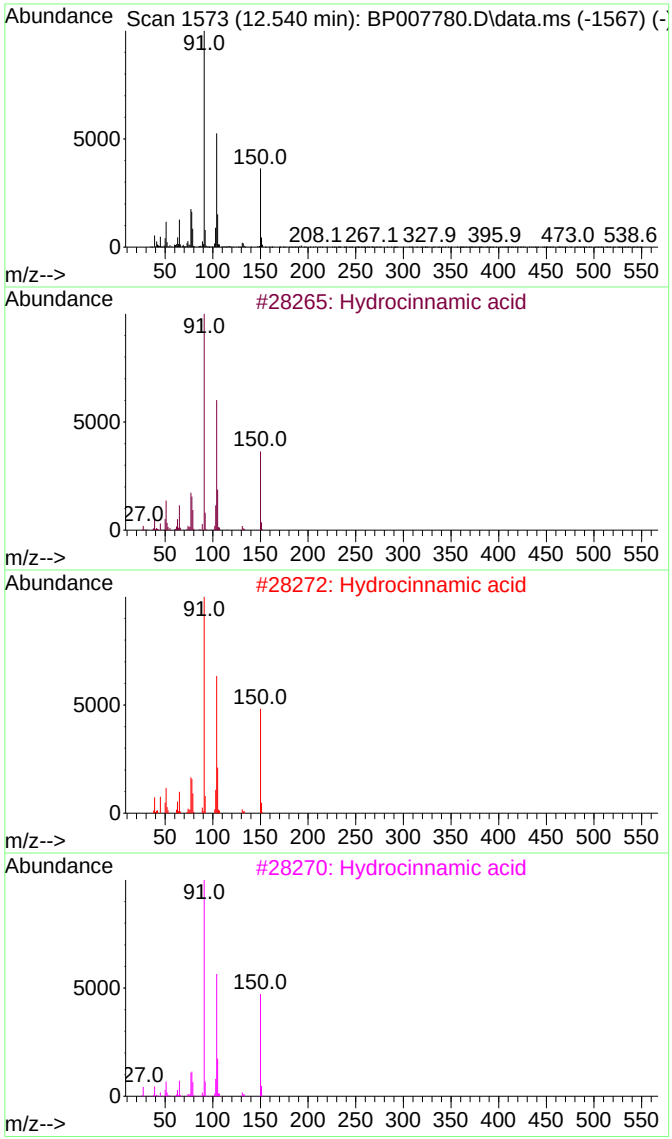
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

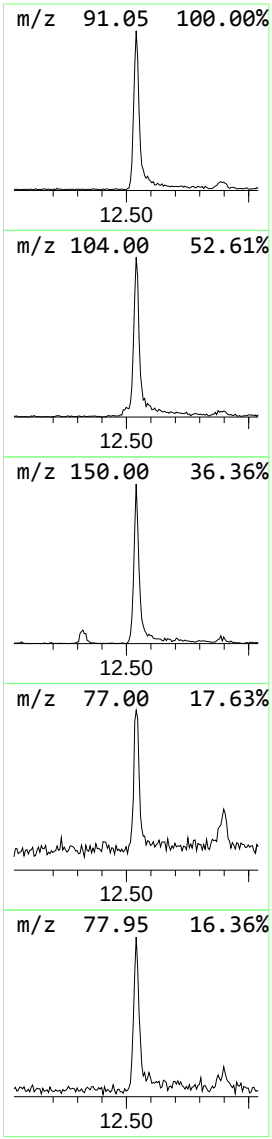
****

Peak Number 11 Hydrocinnamic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.540	2.32 ng/ul	177519	Naphthalene-d8	10.734

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	96
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	95
4	Hydrocinnamic acid	150	C9H10O2	000501-52-0	95
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94





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Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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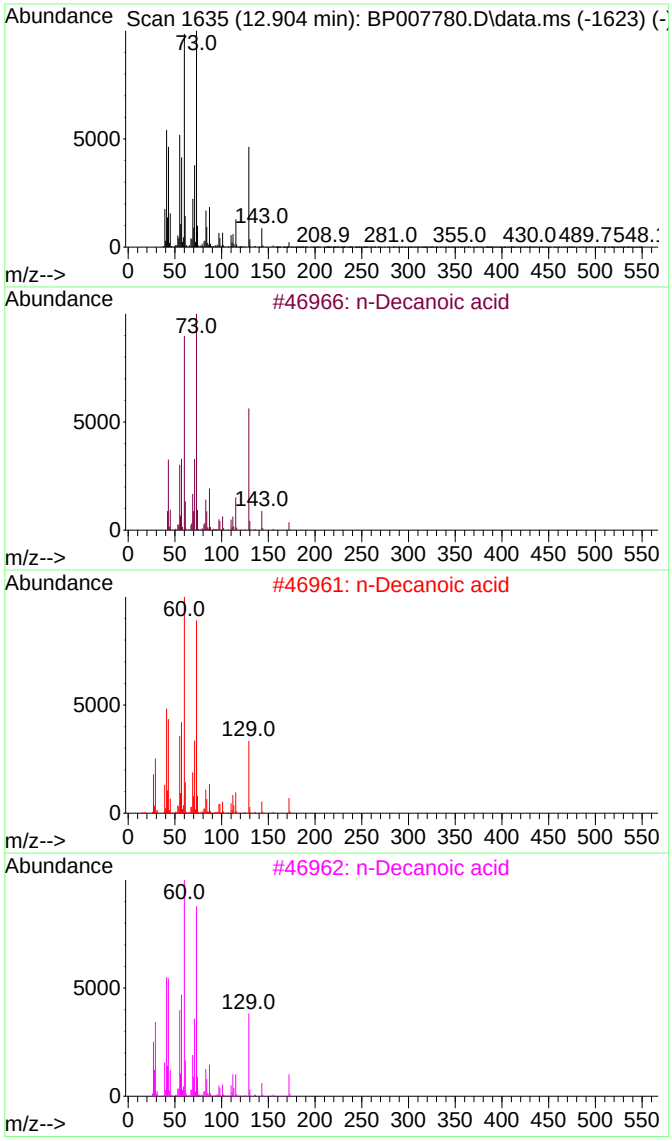
Quant Title : SVOA CALIBRATION

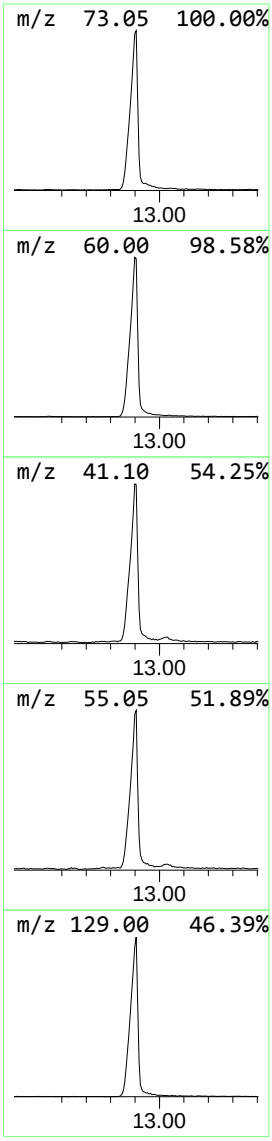
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 n-Decanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.904	27.89 ng/ul	2972470	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
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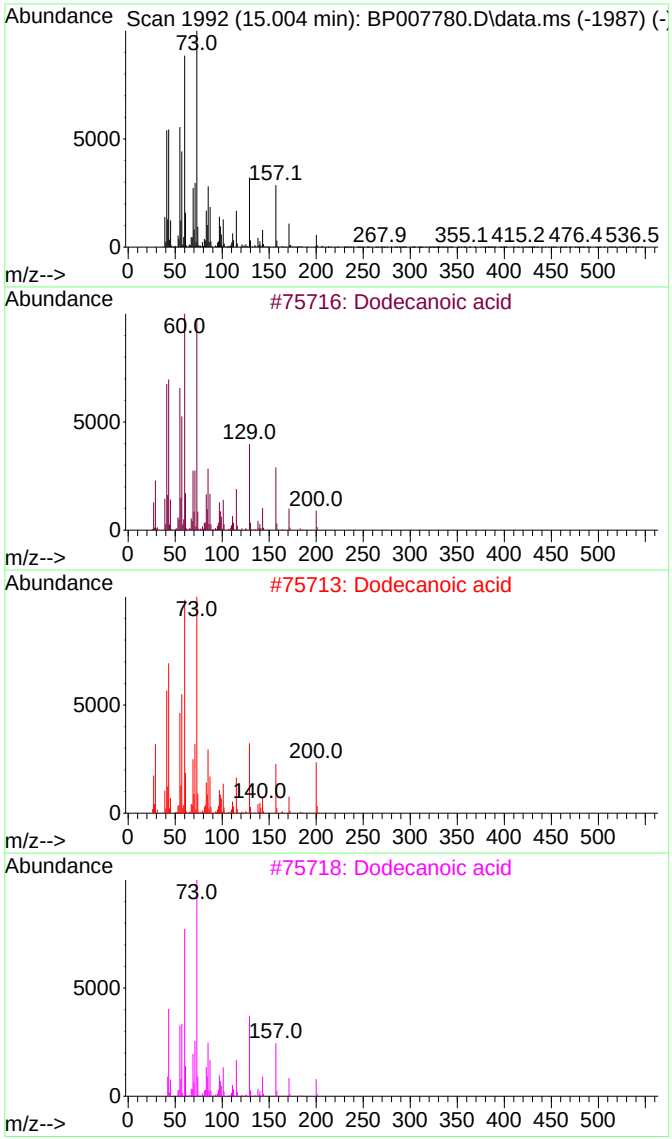
Quant Title : SVOA CALIBRATION

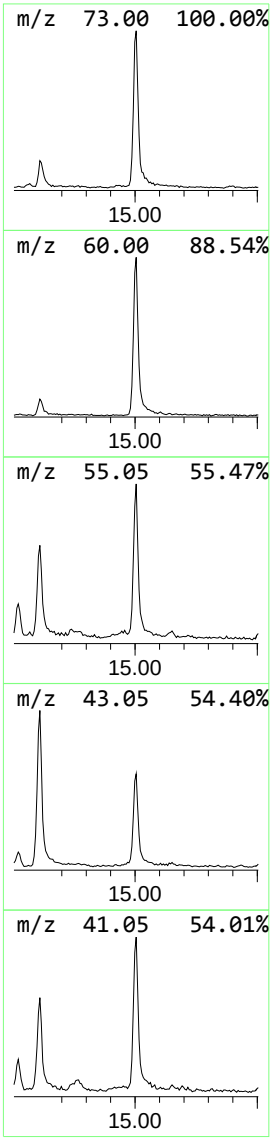
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dodecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.004	6.07 ng/ul	646998	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Dodecanoic acid	200	C12H24O2	000143-07-7	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	91
4	Dodecanoic acid	200	C12H24O2	000143-07-7	91
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





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Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Title : SVOA CALIBRATION

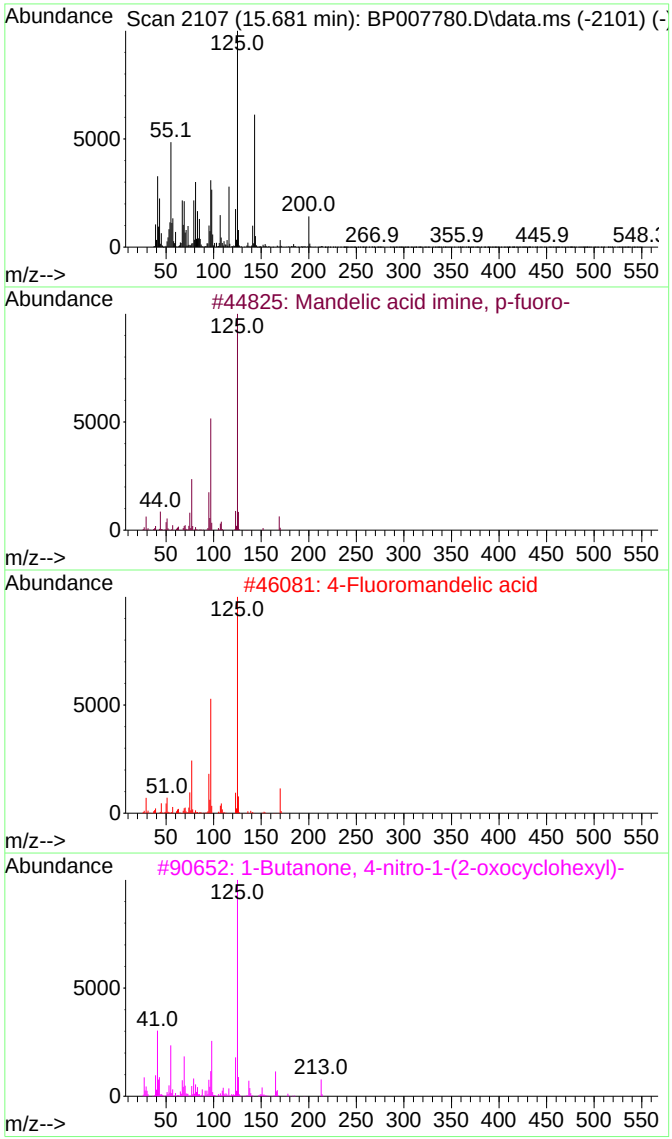
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

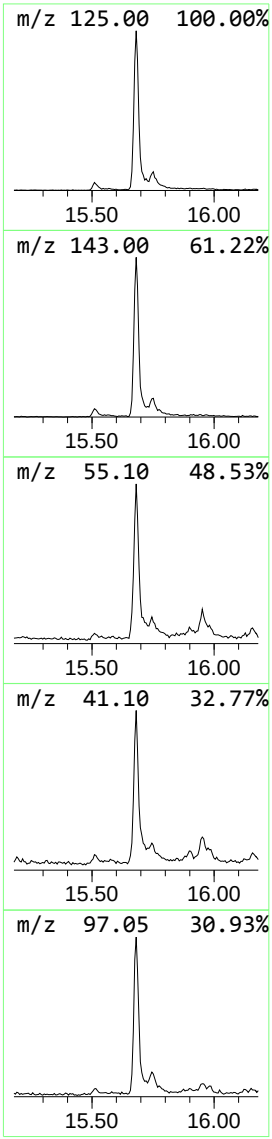
****

Peak Number 14 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.681	8.06 ng/ul	859627	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mandelic acid imine, p-fuoro-	169	C8H8FNO2	1000153-29-2	43
2	4-Fluoromandelic acid	170	C8H7FO3	000395-33-5	43
3	1-Butanone, 4-nitro-1-(2-oxocycl...	213	C10H15NO4	079630-88-9	43
4	Pimelic acid, 4-chlorobenzyl hex...	368	C20H29ClO4	1000406-79-7	43
5	4-Fluoromandelic acid	170	C8H7FO3	000395-33-5	38





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Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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Quant Title : SVOA CALIBRATION

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

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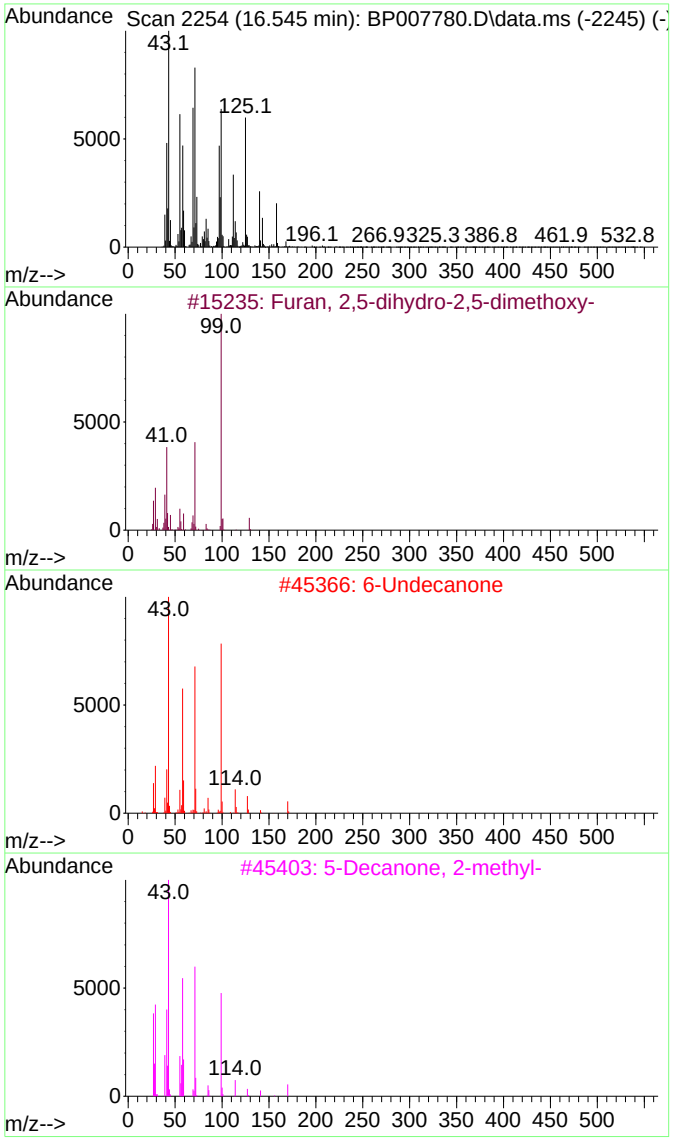
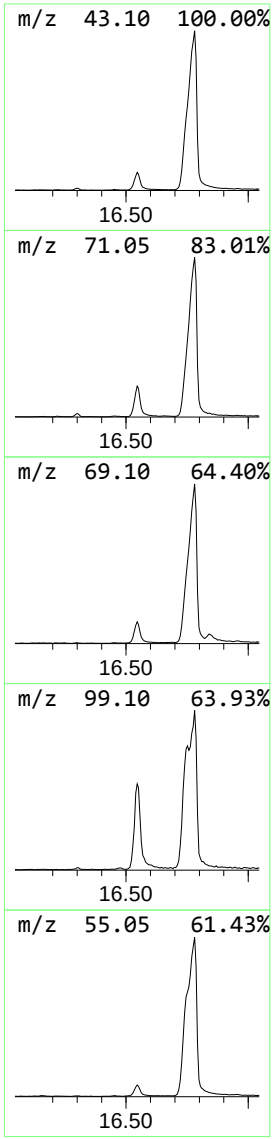
Peak Number 15 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	8.21 ng/ul	1112150	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,5-dihydro-2,5-dimethoxy-	130	C6H10O3	000332-77-4	27
2	6-Undecanone	170	C11H22O	000927-49-1	27
3	5-Decanone, 2-methyl-	170	C11H22O	054410-89-8	27
4	6-Undecanone	170	C11H22O	000927-49-1	27
5	1-Pyrrolidinecarboxaldehyde	99	C5H9NO	003760-54-1	27





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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Quant Title : SVOA CALIBRATION

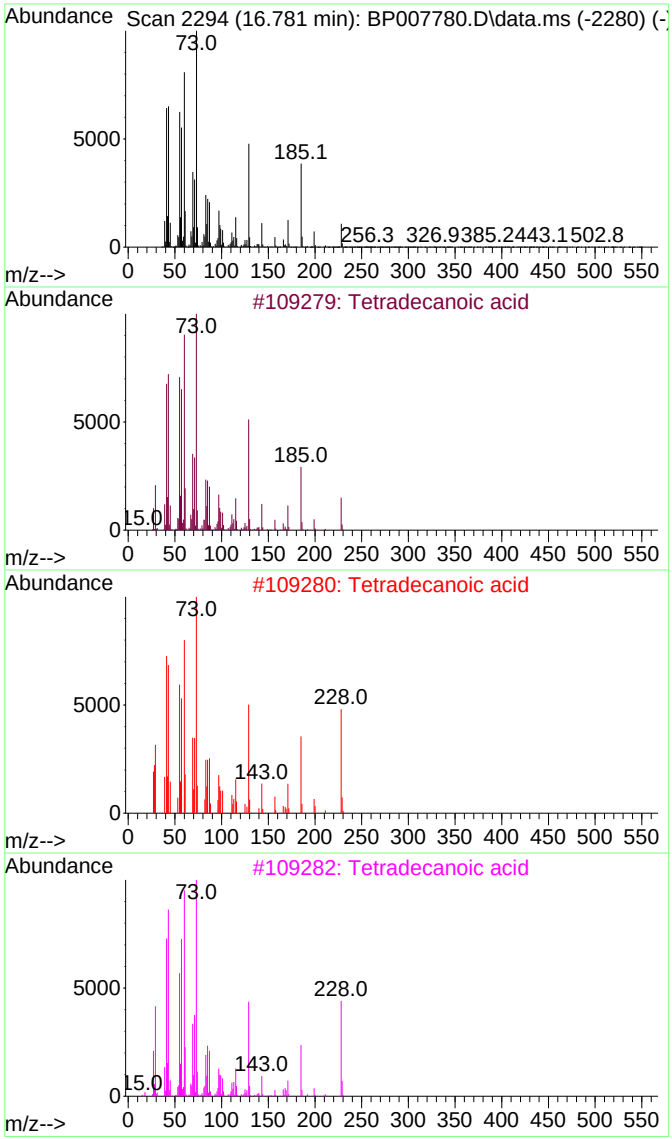
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

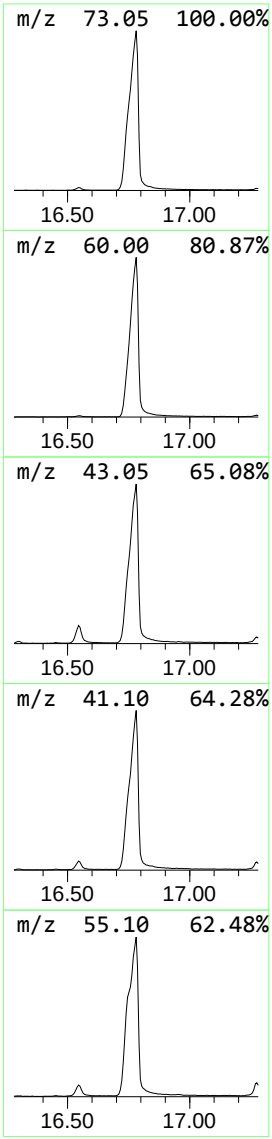
****

Peak Number 16 Tetradecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.781	158.30 ng/ul	21434700	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

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

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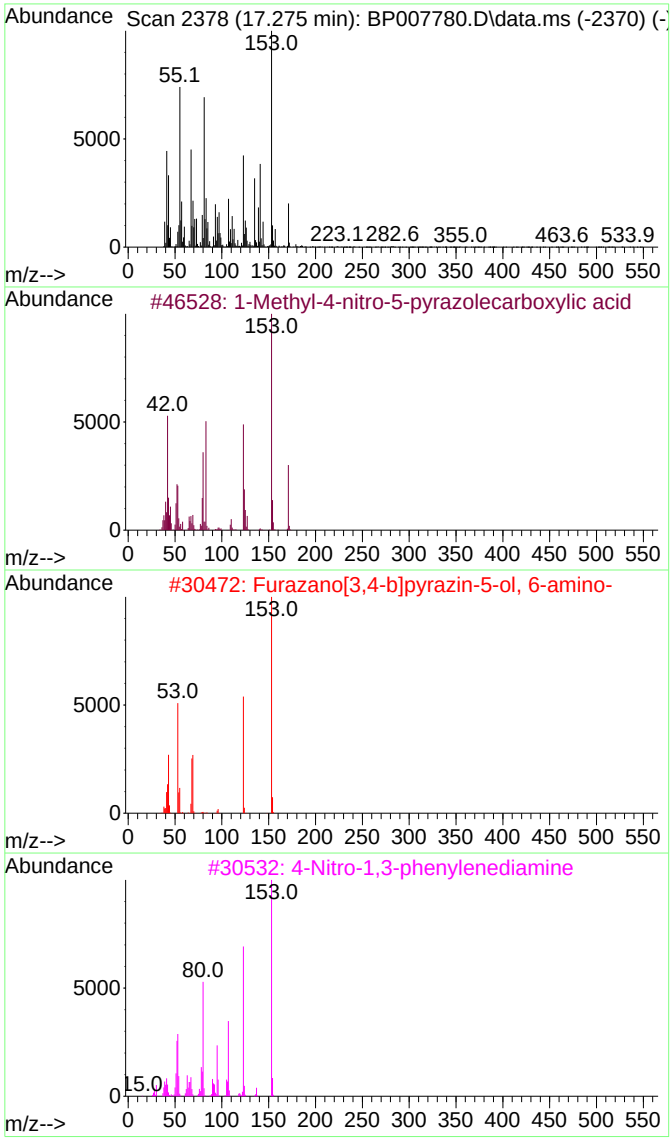
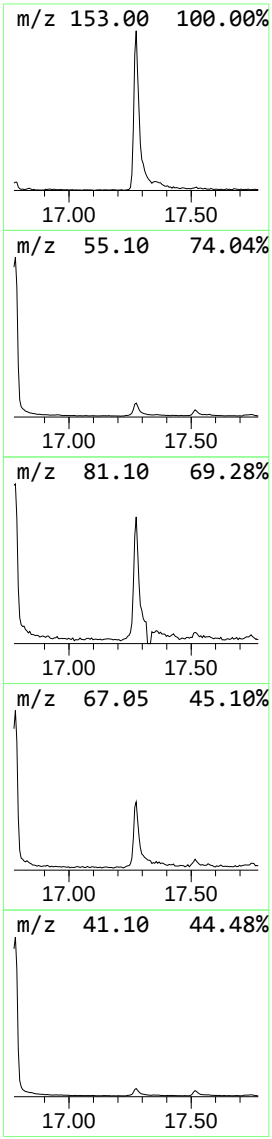
Peak Number 17 unknown-03 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.275	6.55 ng/ul	886934	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-4-nitro-5-pyrazolecarbo...	171	C5H5N3O4	092534-69-5	38
2	Furazano[3,4-b]pyrazin-5-ol, 6-a...	153	C4H3N5O2	211919-08-3	38
3	4-Nitro-1,3-phenylenediamine	153	C6H7N3O2	005131-58-8	38
4	7-Oxabicyclo[2.2.1]hept-2-ene-2,...	212	C10H12O5	017310-94-0	35
5	4-Nitro-1,3-phenylenediamine	153	C6H7N3O2	005131-58-8	35





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ALS Vial : 4 Sample Multiplier: 1

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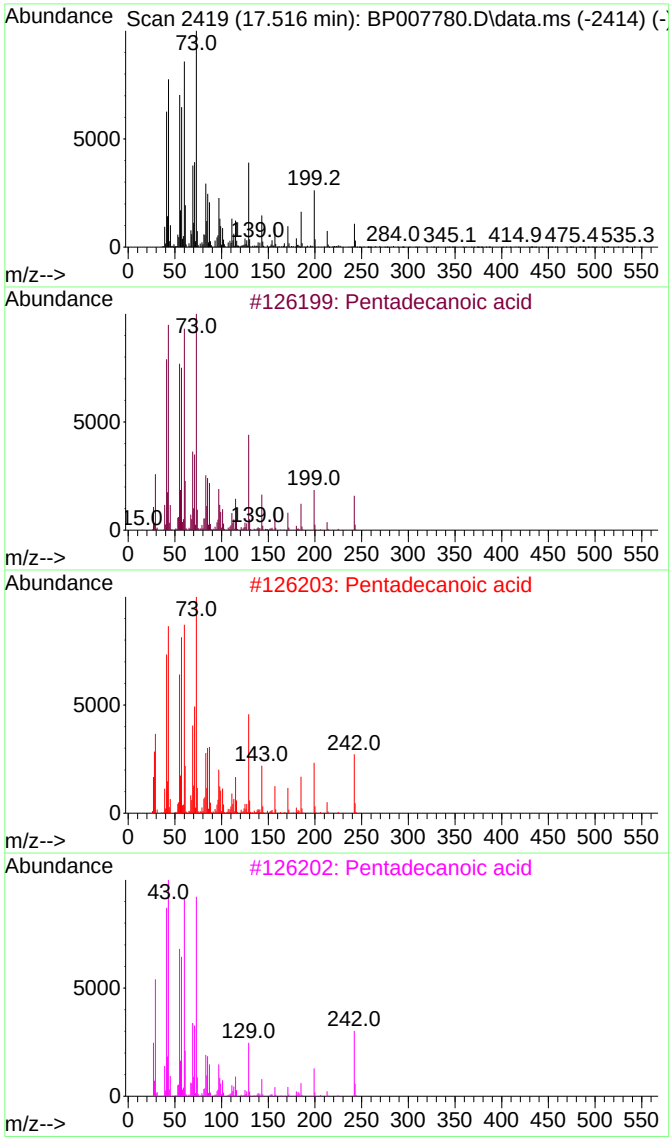
Quant Title : SVOA CALIBRATION

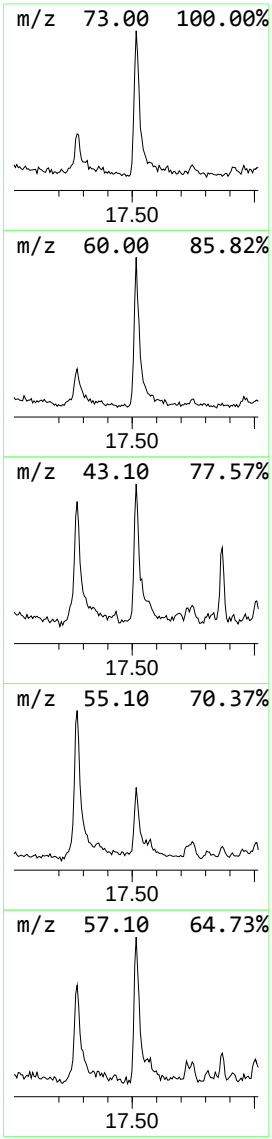
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecanoic acid Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.516	3.38 ng/ul	457221	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





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Instrument : BNA_P
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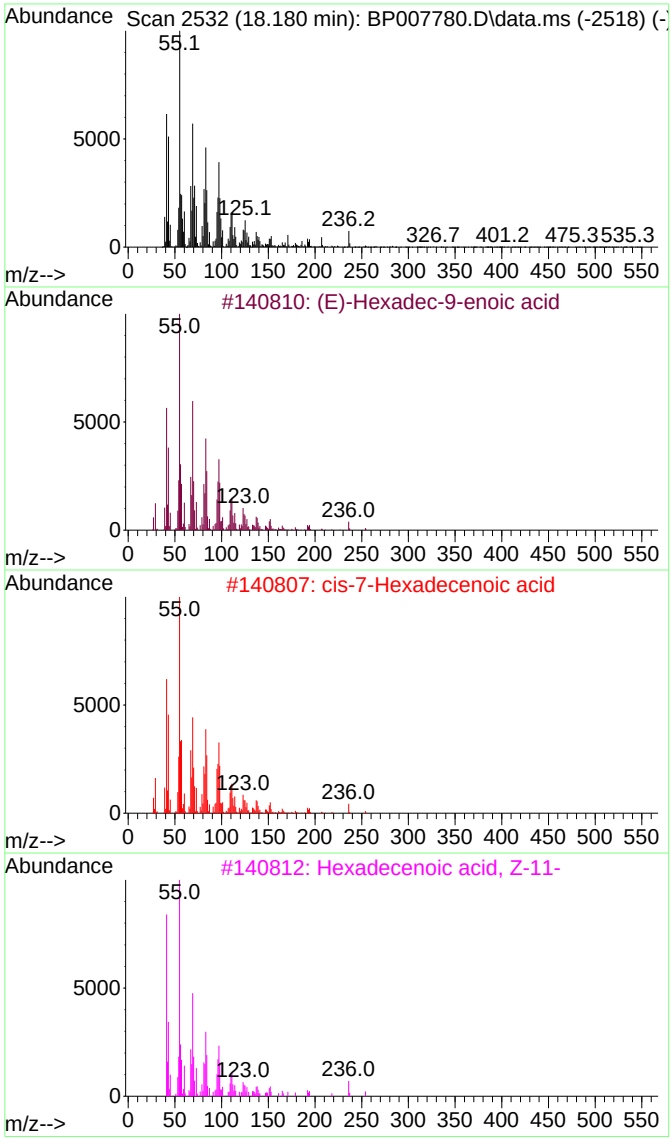
Quant Title : SVOA CALIBRATION

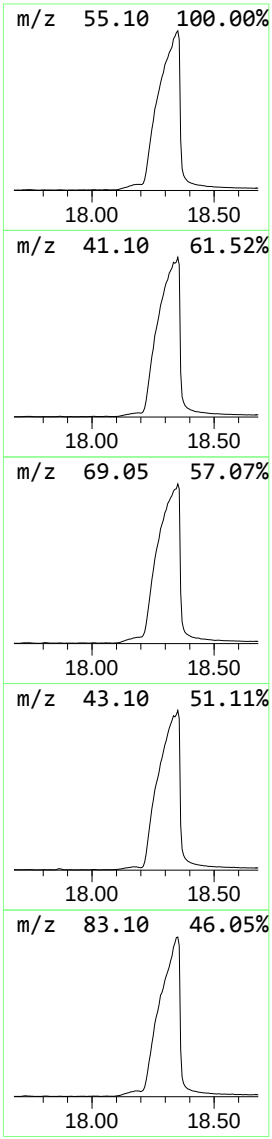
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (E)-Hexadec-9-enoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	14.59 ng/ul	1975520	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	92
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
4	cis-Vaccenic acid	282	C18H34O2	000506-17-2	90
5	Palmitoleic acid	254	C16H30O2	000373-49-9	87





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Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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BNA_P
ClientSampleId :
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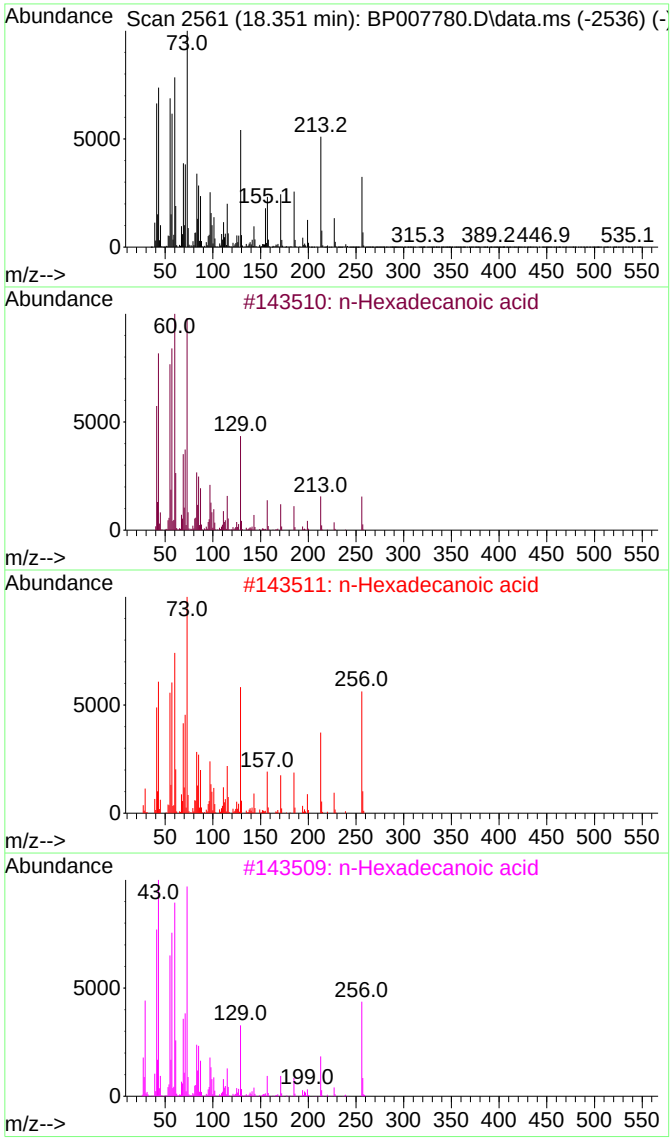
Quant Title : SVOA CALIBRATION

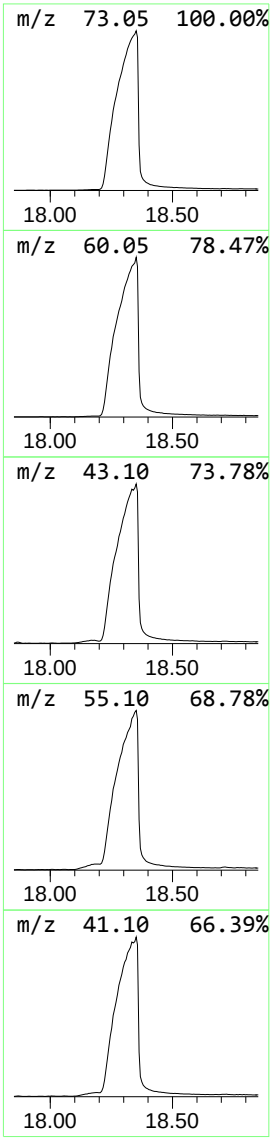
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	1108.65 ng/ul	150116000	Phenanthrene-d10	17.328

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	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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

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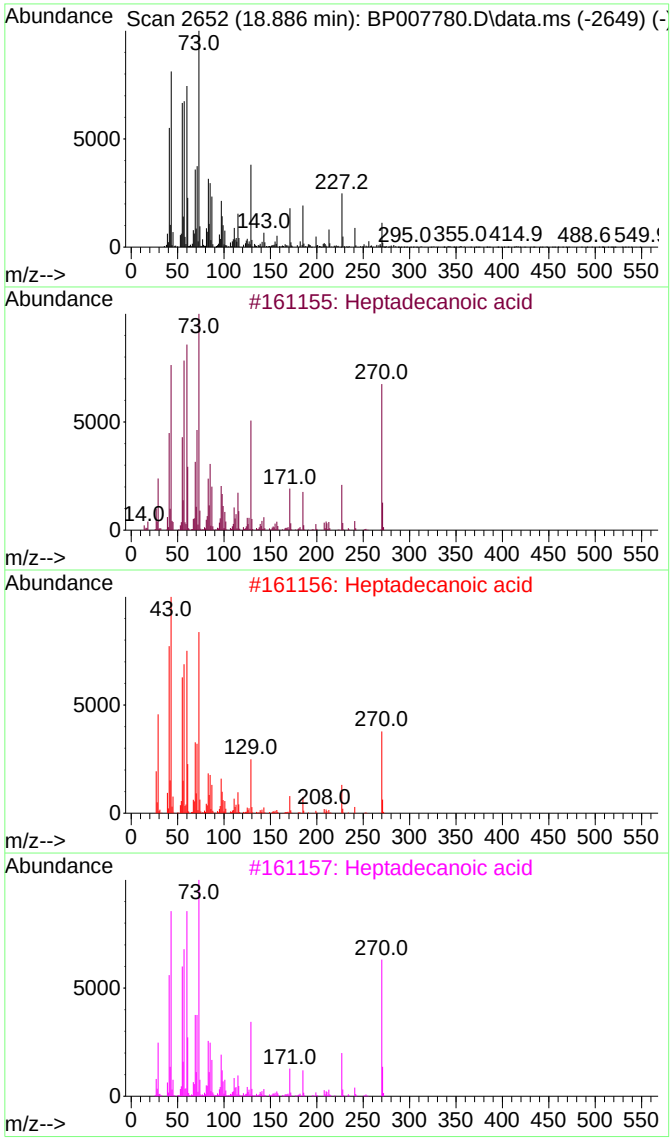
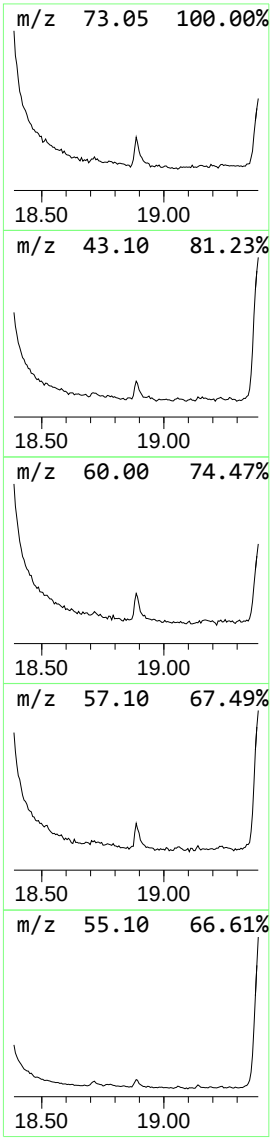
Peak Number 21 Heptadecanoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	2.33 ng/ul	315462	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
2	Heptadecanoic acid	270	C17H34O2	000506-12-7	93
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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

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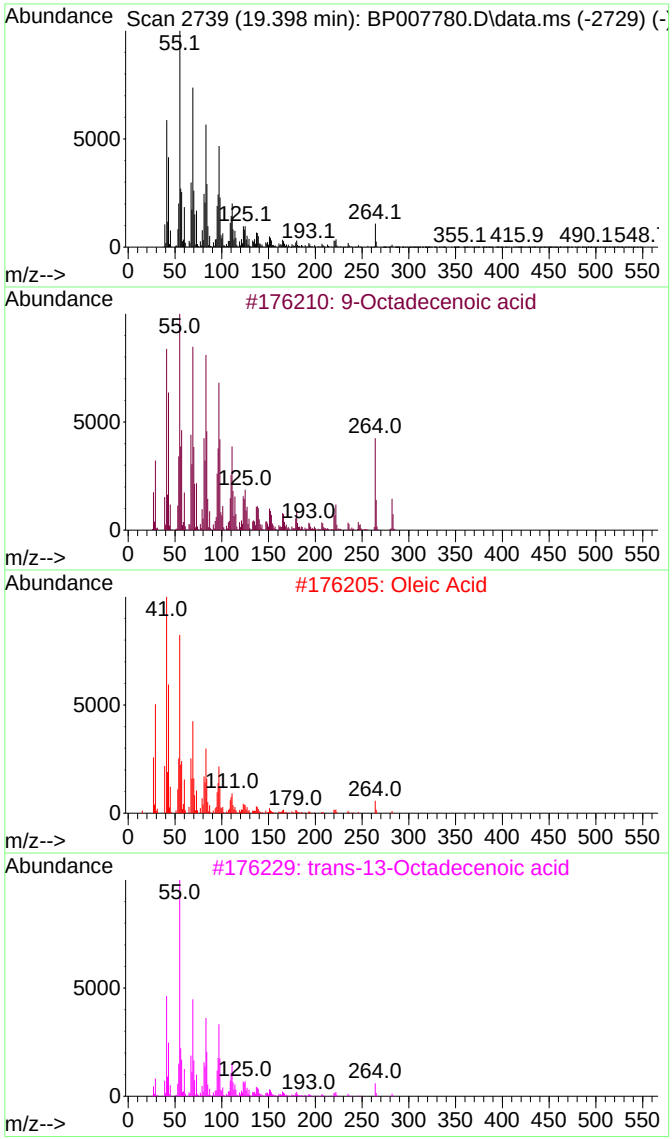
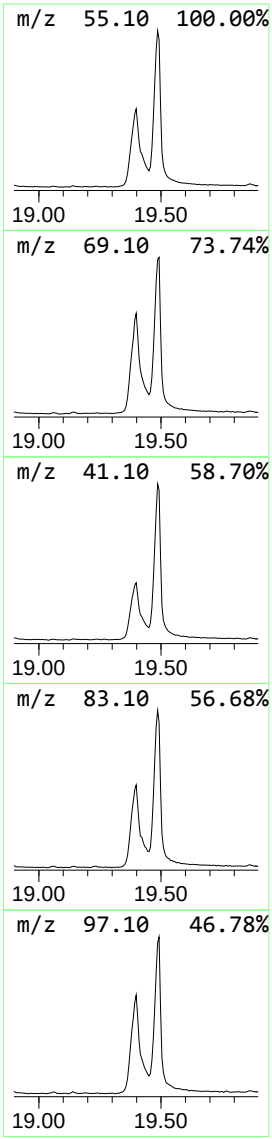
Peak Number 22 9-Octadecenoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	60.48 ng/ul	10871900	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid	282	C18H34O2	002027-47-6	99
2	Oleic Acid	282	C18H34O2	000112-80-1	99
3	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
4	Oleic Acid	282	C18H34O2	000112-80-1	91
5	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	89





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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

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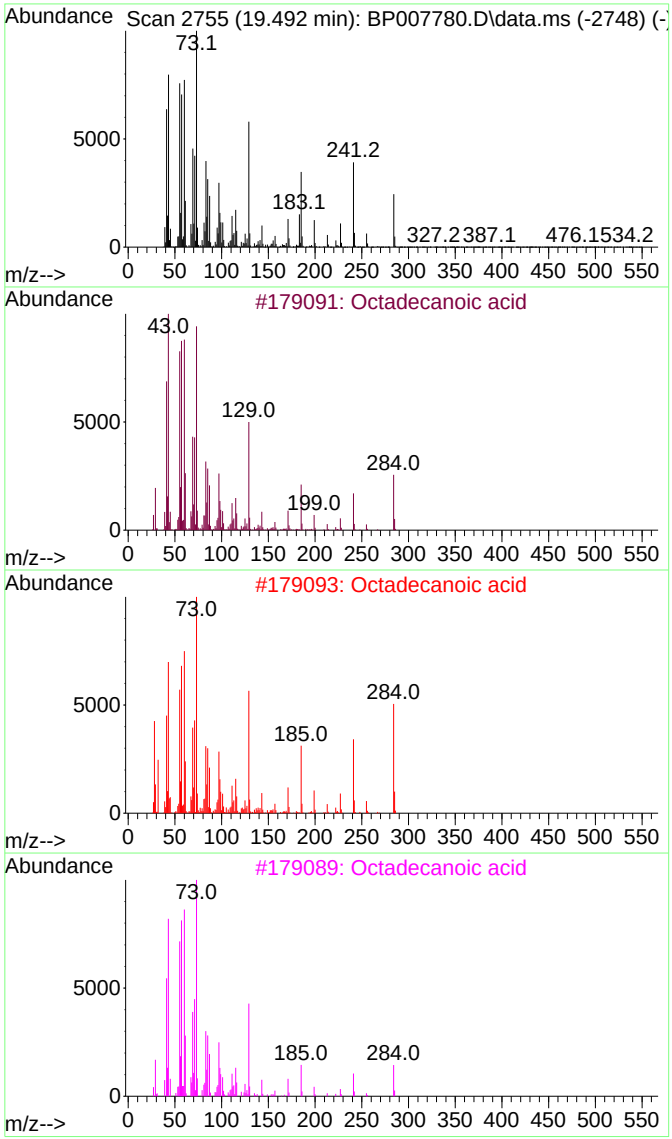
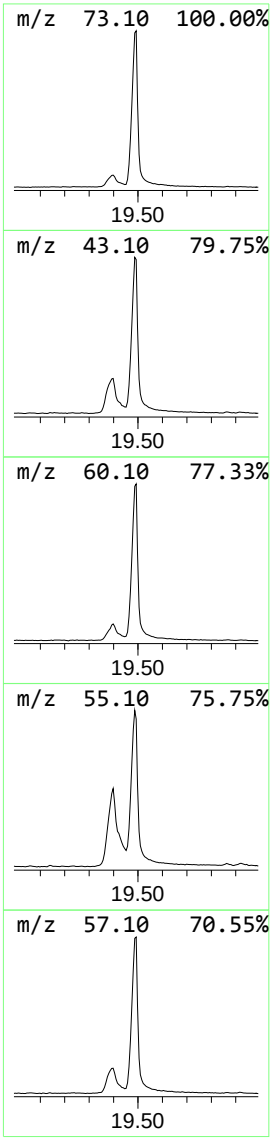
Peak Number 23 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.492	113.13 ng/ul	20337900	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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

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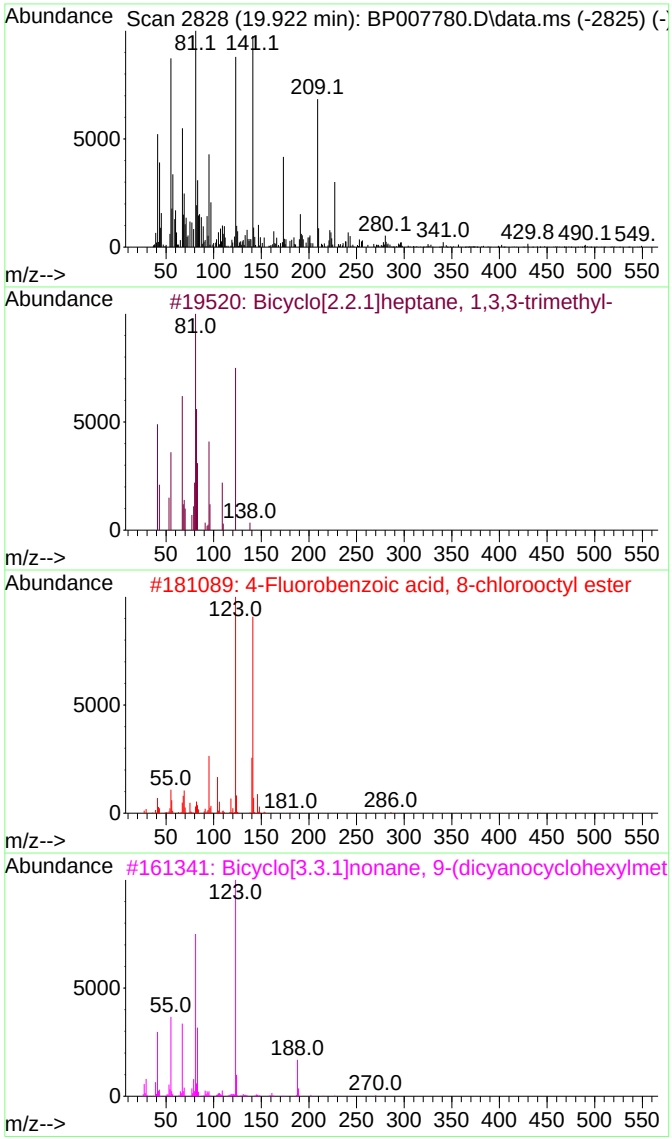
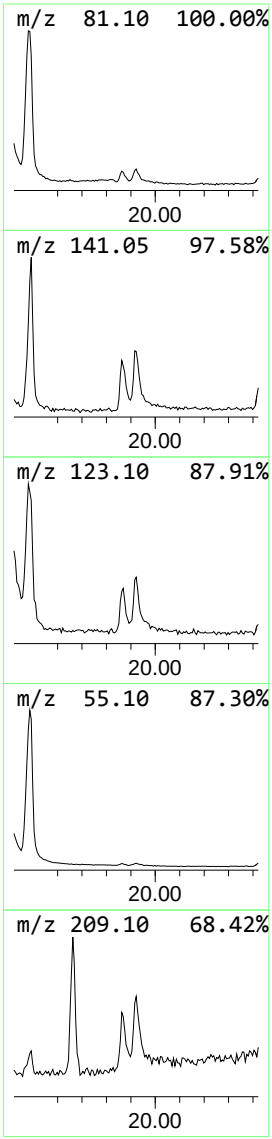
Peak Number 24 unknown-04 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.922	2.00 ng/ul	360025	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	46
2	4-Fluorobenzoic acid, 8-chlorooc...	286	C15H20ClFO2	1000355-67-9	35
3	Bicyclo[3.3.1]nonane, 9-(dicyano...	270	C18H26N2	1000149-29-7	35
4	3-Fluorobenzoic acid, undecyl ester	294	C18H27FO2	1000283-01-5	30
5	2-(4-Fluorobenzoylamido)thiazole	222	C10H7FN2OS	313376-92-0	25





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Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFY65DL

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

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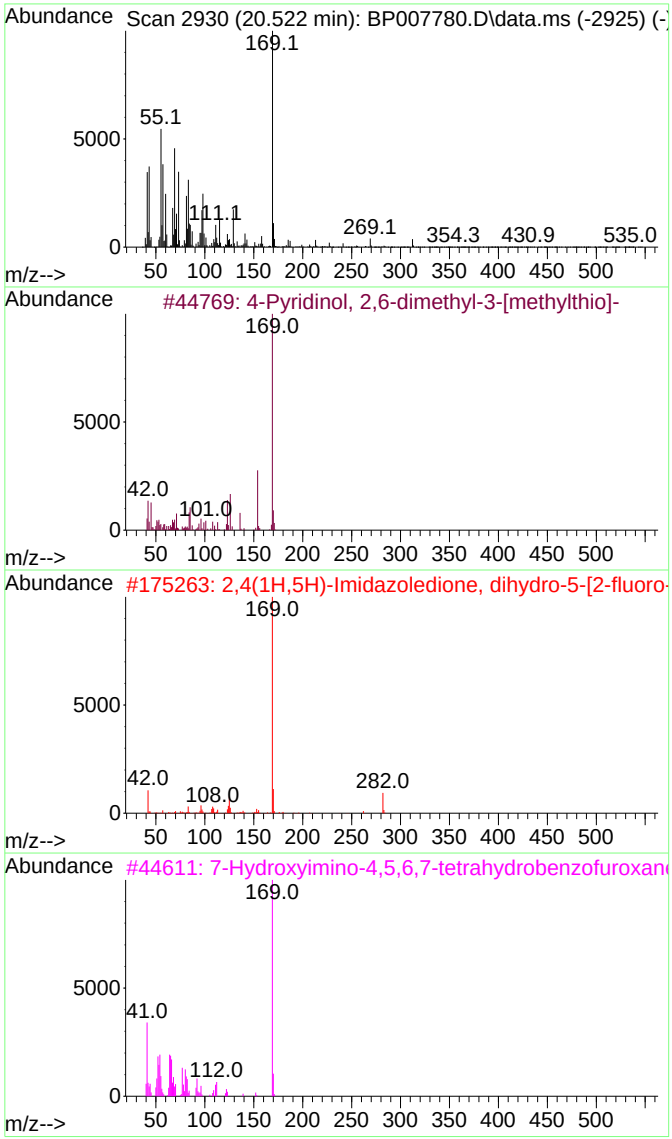
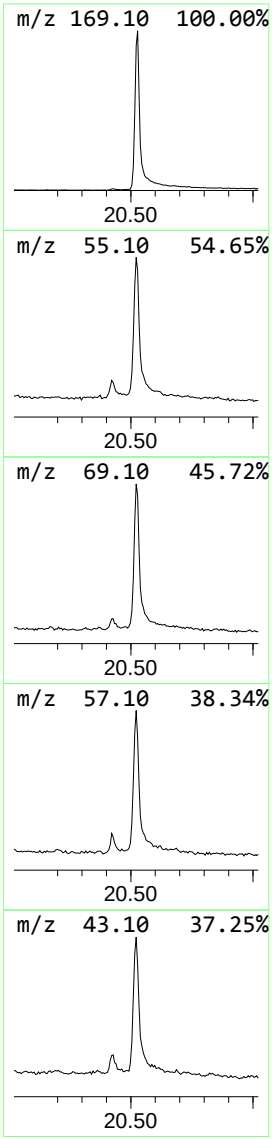
Peak Number 25 unknown-05 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.522	17.68 ng/ul	3179270	Chrysene-d12	21.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinol, 2,6-dimethyl-3-[met...	169	C8H11NOS	1010251-72-8	43
2	2,4(1H,5H)-Imidazoledione, dihyd...	282	C13H15FN2O4	1000116-54-1	41
3	7-Hydroxyimino-4,5,6,7-tetrahydr...	169	C6H7N3O3	1000110-77-2	38
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	38
5	Cyclohexene, 3-ethyl-1-trimethyl...	198	C11H22OSi	160915-46-8	37





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Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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

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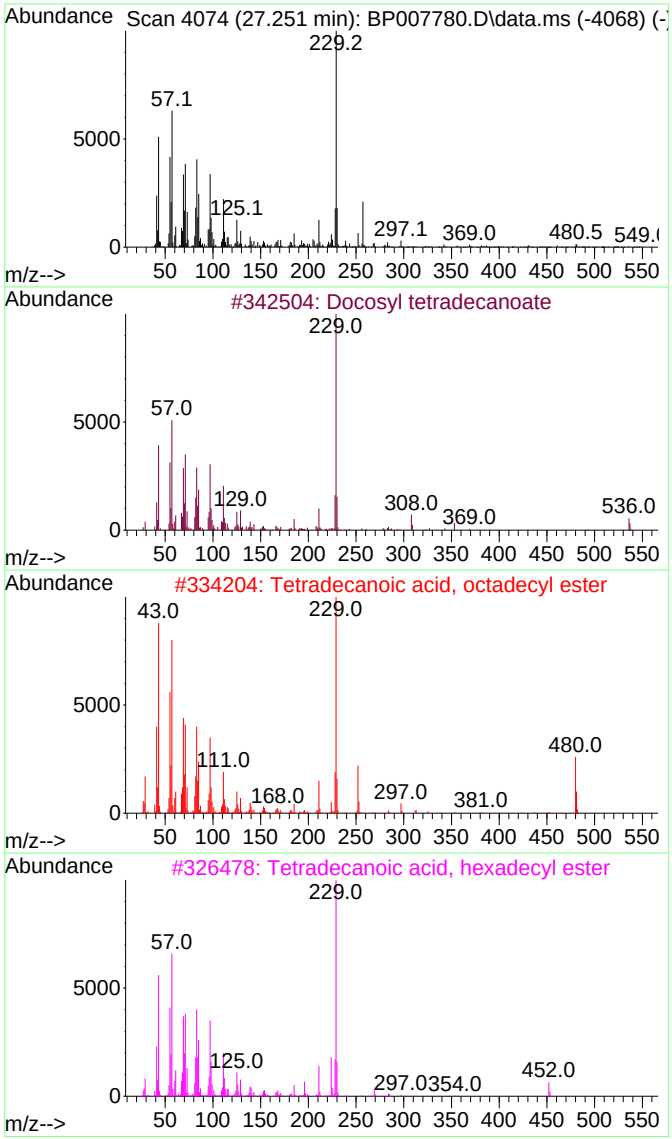
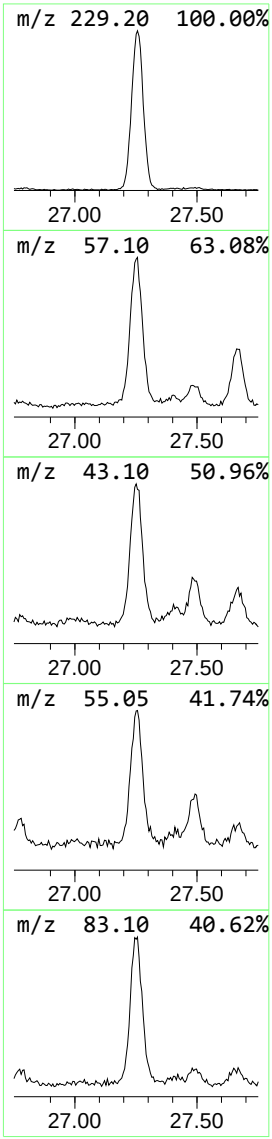
Peak Number 26 Docosyl tetradecanoate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.251	6.65 ng/ul	1202930	Perylene-d12	23.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosyl tetradecanoate	537	C36H72O2	042232-05-3	90
2	Tetradecanoic acid, octadecyl ester	480	C32H64O2	003234-81-9	90
3	Tetradecanoic acid, hexadecyl ester	452	C30H60O2	002599-01-1	87
4	Tetradecane, 1,1'-thiobis-	426	C28H58S	035599-83-8	50
5	Myristyl myristate	424	C28H56O2	003234-85-3	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102921\
Data File : BP007780.D
Acq On : 29 Oct 2021 11:52
Operator : CG/JU
Sample : M4281-09DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BFY65DL

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
Propanoic acid,...	3.722	9.9	ng/ul	538239	1	7.928	1085000	20.0
Butanoic acid	4.269	169.0	ng/ul	9169970	1	7.928	1085000	20.0
Butanoic acid, ...	4.858	12.8	ng/ul	695816	1	7.928	1085000	20.0
Butanoic acid, ...	5.158	81.3	ng/ul	4410960	1	7.928	1085000	20.0
Pentanoic acid	5.693	162.7	ng/ul	8826450	1	7.928	1085000	20.0
Pentanoic acid,...	6.387	5.0	ng/ul	271484	1	7.928	1085000	20.0
Hexanoic acid, ...	8.005	5.9	ng/ul	321001	1	7.928	1085000	20.0
Octanoic acid	10.263	192.8	ng/ul	14777000	2	10.734	1532700	20.0
Ethanol, 2-(2-b...	10.528	2.2	ng/ul	171670	2	10.734	1532700	20.0
Nonanoic acid	11.569	6.9	ng/ul	525455	2	10.734	1532700	20.0
Hydrocinnamic acid	12.540	2.3	ng/ul	177519	2	10.734	1532700	20.0
n-Decanoic acid	12.904	27.9	ng/ul	2972470	3	14.569	2131800	20.0
Dodecanoic acid	15.004	6.1	ng/ul	646998	3	14.569	2131800	20.0
unknown-01	15.681	8.1	ng/ul	859627	3	14.569	2131800	20.0
unknown-02	16.545	8.2	ng/ul	1112150	4	17.328	2708090	20.0
Tetradecanoic acid	16.781	158.3	ng/ul	21434700	4	17.328	2708090	20.0
unknown-03	17.275	6.5	ng/ul	886934	4	17.328	2708090	20.0
Pentadecanoic acid	17.516	3.4	ng/ul	457221	4	17.328	2708090	20.0
(E)-Hexadec-9-e...	18.180	14.6	ng/ul	1975520	4	17.328	2708090	20.0
n-Hexadecanoic ...	18.351	1108.7	ng/ul	150116000	4	17.328	2708090	20.0
Heptadecanoic acid	18.886	2.3	ng/ul	315462	4	17.328	2708090	20.0
9-Octadecenoic ...	19.398	60.5	ng/ul	10871900	5	21.422	3595460	20.0
Octadecanoic acid	19.492	113.1	ng/ul	20337900	5	21.422	3595460	20.0
unknown-04	19.922	2.0	ng/ul	360025	5	21.422	3595460	20.0
unknown-05	20.522	17.7	ng/ul	3179270	5	21.422	3595460	20.0
Docosyl tetrade...	27.251	6.7	ng/ul	1202930	6	23.863	3617980	20.0