LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024927.D
Acq On : 15 Apr 2023 10:24
Operator : CG/JU
Sample : 02255-01 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AN5

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

Signal : TIC: BN024927.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.311	17	21	23	rBV2	40437	57675	0.47%	0.054%
2	3.346	23	27	41	rVB	536764	769248	6.21%	0.725%
3	3.664	78	81	86	rVB2	12156	16216	0.13%	0.015%
4	3.734	92	93	99	rBV	505518	751668	6.06%	0.709%
5	3.781	99	101	117	rVB	154132	281216	2.27%	0.265%
6	3.964	127	132	138	rVB6	11289	25112	0.20%	0.024%
7	4.046	142	146	159	rVV2	98261	180476	1.46%	0.170%
8	4.169	163	167	171	rVV5	9342	13775	0.11%	0.013%
9	4.216	171	175	183	rVB	23746	38505	0.31%	0.036%
10	4.340	191	196	204	rVV	159586	232872	1.88%	0.220%
11	4.411	204	208	212	rVV4	25725	48898	0.39%	0.046%
12	4.446	212	214	222	rVV5	19422	27536	0.22%	0.026%
13	4.522	222	227	234	rVV	181999	255390	2.06%	0.241%
14	4.587	234	238	248	rVB	106363	160634	1.30%	0.151%
15	4.987	296	306	316	rBV	311179	474623	3.83%	0.448%
16	5.493	388	392	396	rVB3	10092	14103	0.11%	0.013%
17	5.587	405	408	412	rBV3	8399	14216	0.11%	0.013%
18	5.869	450	456	469	rVV	108344	179527	1.45%	0.169%
19	7.093	658	664	673	rVB	399533	631837	5.10%	0.596%
20	7.263	686	693	706	rBV	1438169	2257332	18.21%	2.129%
21	7.463	720	727	737	rVV	1397730	2181762	17.60%	2.058%
22	7.552	737	742	745	rVB4	12753	18447	0.15%	0.017%
23	7.934	799	807	814	rBV	1250250	1962931	15.84%	1.851%
24	7.999	814	818	825	rVB	47238	77035	0.62%	0.073%
25	8.152	836	844	851	rBV	163381	252559	2.04%	0.238%
26	8.646	921	928	938	rVB	1149241	1769946	14.28%	1.669%
27	8.769	944	949	958	rVB	35250	61792	0.50%	0.058%
28	9.051	992	997	999	rBV4	9213	13412	0.11%	0.013%
29	9.104	999	1006	1014	rVB	1839731	2923967	23.59%	2.758%
30	9.222	1020	1026	1030	rBV	111244	188247	1.52%	0.178%
31	9.263	1030	1033	1040	rVV2	72622	107273	0.87%	0.101%
32	9.334	1040	1045	1053	rVB2	69078	129526	1.05%	0.122%
33	9.699	1102	1107	1112	rVB6	9263	18167	0.15%	0.017%
34	9.828	1121	1129	1142	rBV	1497712	2379733	19.20%	2.244%
35	10.057	1163	1168	1175	rBV7	9287	16766	0.14%	0.016%
36	10.363	1212	1220	1233	rBV	1941141	3260527	26.31%	3.075%

LSC Area Percent Report

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Sample : 02255-01 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

37	10.522	1242	1247	1259	rBV	123650	219693	1.77%	0.207%
38	10.669	1265	1272	1276	rBV8	8088	13499	0.11%	0.013%
39	10.751	1276	1286	1293	rBV	1696641	2881764	23.25%	2.718%
40	10.887	1299	1309	1329	rBV	1740089	3006599	24.26%	2.836%
41	11.151	1353	1354	1363	rVB7	6578	13508	0.11%	0.013%
42	11.281	1370	1376	1381	rBV	35828	58635	0.47%	0.055%
43	11.340	1381	1386	1392	rVV	41914	70264	0.57%	0.066%
44	11.534	1413	1419	1426	rBV3	28595	56867	0.46%	0.054%
45	12.157	1519	1525	1531	rVB4	11930	23306	0.19%	0.022%
46	12.287	1543	1547	1550	rBV2	10700	16206	0.13%	0.015%
47	12.334	1550	1555	1561	rVV	35824	59103	0.48%	0.056%
48	12.422	1565	1570	1576	rVB3	21465	37657	0.30%	0.036%
49	13.104	1681	1686	1691	rBV7	6975	13953	0.11%	0.013%
50	13.398	1729	1736	1741	rBV4	20329	32796	0.26%	0.031%
51	13.475	1741	1749	1754	rBV	27712	46069	0.37%	0.043%
52	13.557	1757	1763	1768	rVV8	8499	17485	0.14%	0.016%
53	13.992	1830	1837	1842	rBV	3922340	5390796	43.49%	5.084%
54	14.034	1842	1844	1851	rVV	64774	90150	0.73%	0.085%
55	14.104	1851	1856	1862	rVB8	11703	22232	0.18%	0.021%
56	14.275	1878	1885	1896	rBV2	4488919	6367258	51.37%	6.005%
57	14.469	1910	1918	1922	rBV9	11100	23381	0.19%	0.022%
58	14.581	1930	1937	1945	rBV	2637697	3804580	30.70%	3.588%
59	14.775	1964	1970	1978	rBV	337762	589790	4.76%	0.556%
60	14.851	1978	1983	1990	rVB	254348	377379	3.04%	0.356%
61	14.939	1995	1998	2002	rVV6	11145	17176	0.14%	0.016%
62	14.986	2002	2006	2012	rVB8	21323	33523	0.27%	0.032%
63	15.181	2035	2039	2042	rBV4	8995	13831	0.11%	0.013%
64	15.357	2065	2069	2073	rVV4	25829	39617	0.32%	0.037%
65	15.575	2099	2106	2114	rBV	5706159	8176210	65.97%	7.711%
66	15.692	2119	2126	2138	rVV	2341392	3072727	24.79%	2.898%
67	15.816	2142	2147	2153	rVB4	35970	73650	0.59%	0.069%
68	15.939	2163	2168	2171	rBV	78924	107431	0.87%	0.101%
69	16.304	2224	2230	2235	rVB	42998	71709	0.58%	0.068%
70	17.328	2398	2404	2410	rBV	3317777	4650074	37.52%	4.386%
71	17.428	2415	2421	2433	rVV	6715972	9228640	74.46%	8.704%
72	17.992	2514	2517	2522	rVB3	127380	152966	1.23%	0.144%
73	18.216	2551	2555	2560	rBV	246419	341508	2.76%	0.322%
74	19.169	2714	2717	2720	rVB	151708	165914	1.34%	0.156%
75	19.374	2749	2752	2760	rVB	341817	481602	3.89%	0.454%
76	19.492	2769	2772	2779	rBV3	172881	226042	1.82%	0.213%

LSC Area Percent Report

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Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

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_N\Methods\SFAM-EPA-BN041023.M
Title : SVOA CALIBRATION

77	19.722	2805	2811	2817	rBV	8265343	11187331	90.26%	10.551%
78	21.521	3112	3117	3124	rBV	4135226	5212636	42.06%	4.916%
79	23.810	3498	3506	3522	rVB2	5975998	12394157	100.00%	11.689%
80	23.962	3525	3532	3541	rVB2	2591725	5359911	43.25%	5.055%

Sum of corrected areas: 106032574

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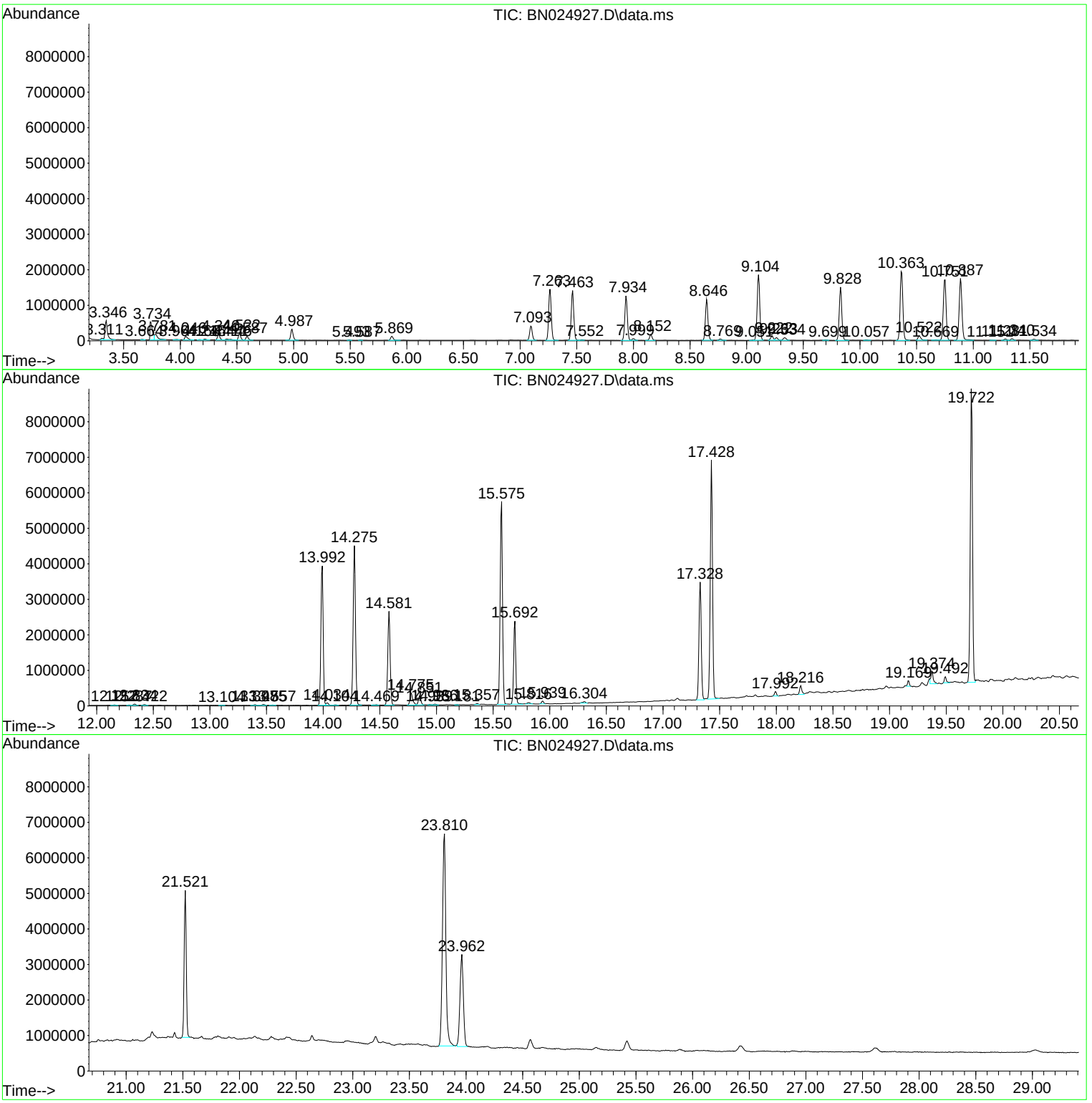
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024927.D
Acq On : 15 Apr 2023 10:24
Operator : CG/JU
Sample : 02255-01 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C0AN5

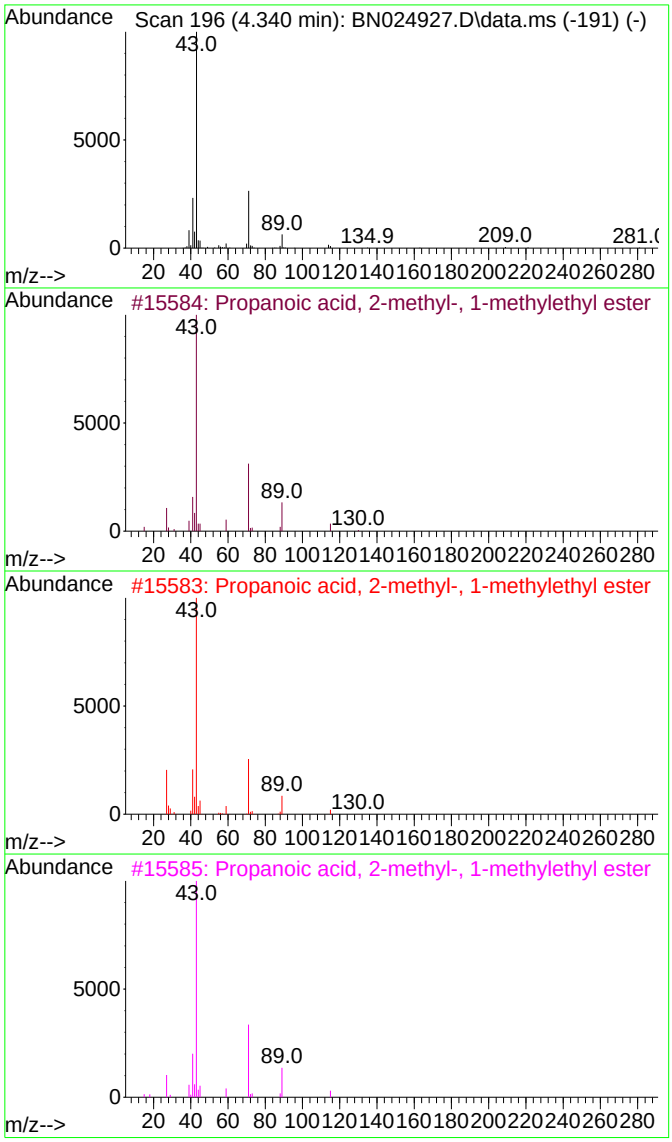
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

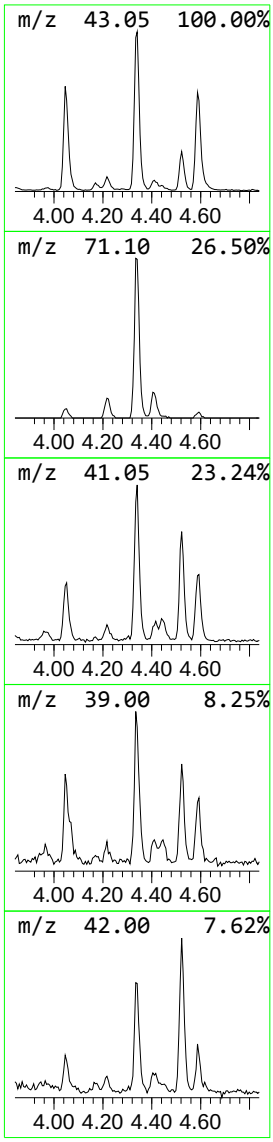
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.340	2.37 ng/ul	232872	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	50
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
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Acq On : 15 Apr 2023 10:24
Operator : CG/JU
Sample : 02255-01 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

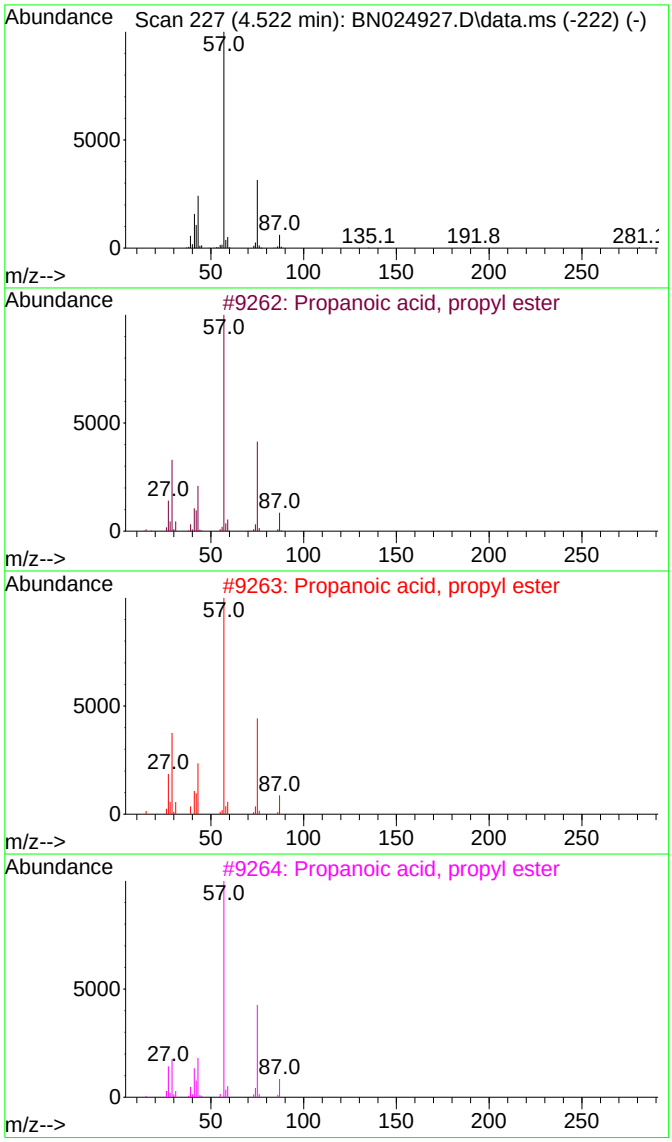
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

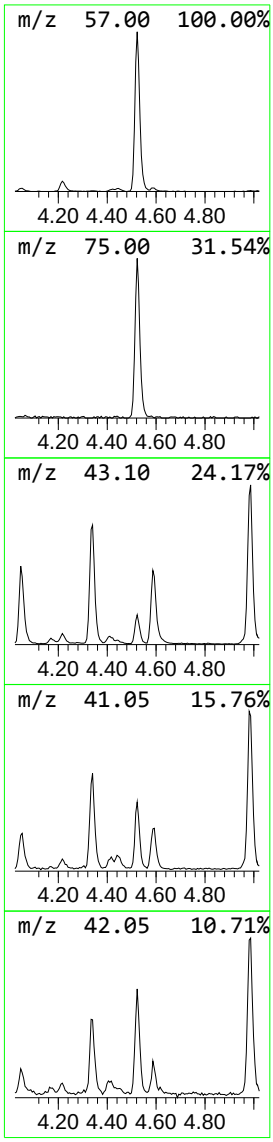
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.522	2.60 ng/ul	255390	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	72
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
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Sample : 02255-01 10X
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

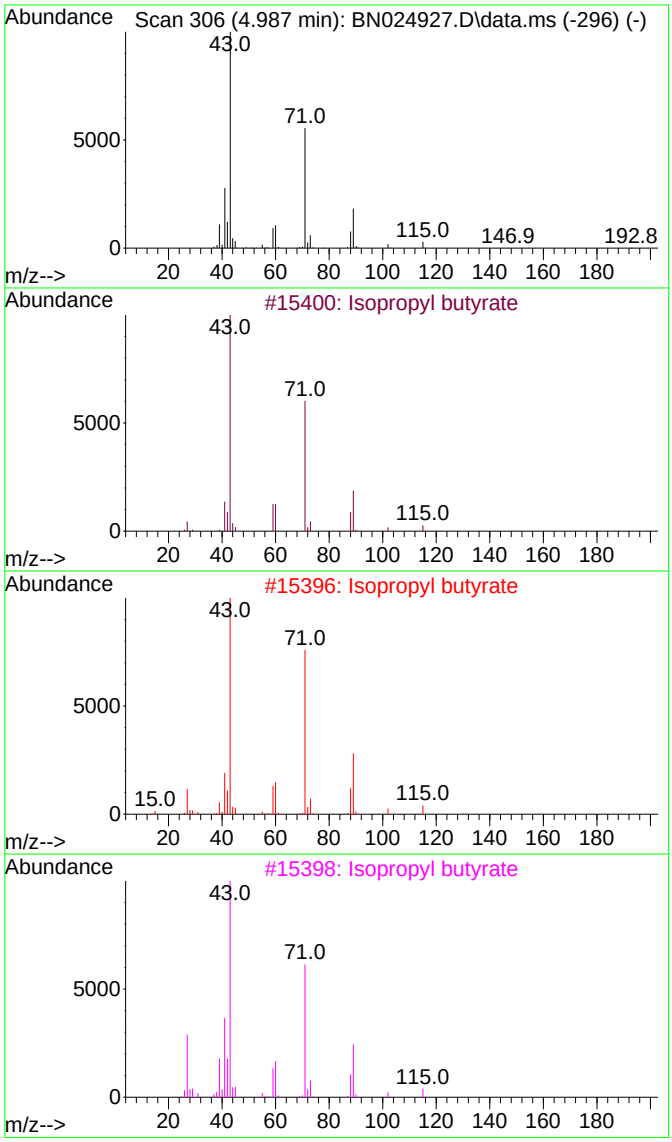
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

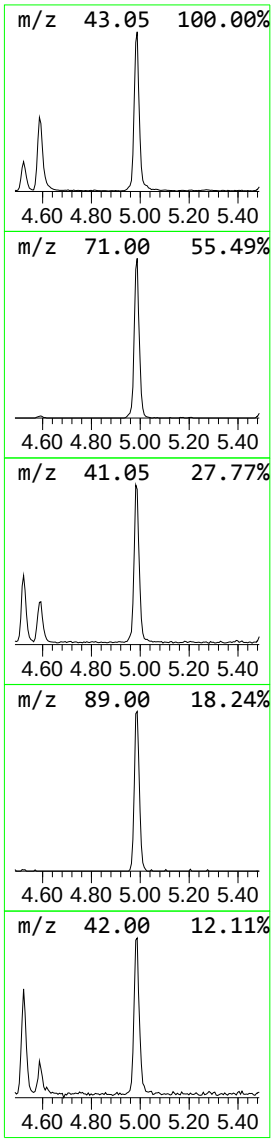
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Isopropyl butyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.987	4.84 ng/ul	474623	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	86
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	86
4	Isopropyl butyrate	130	C7H14O2	000638-11-9	83
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72





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Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

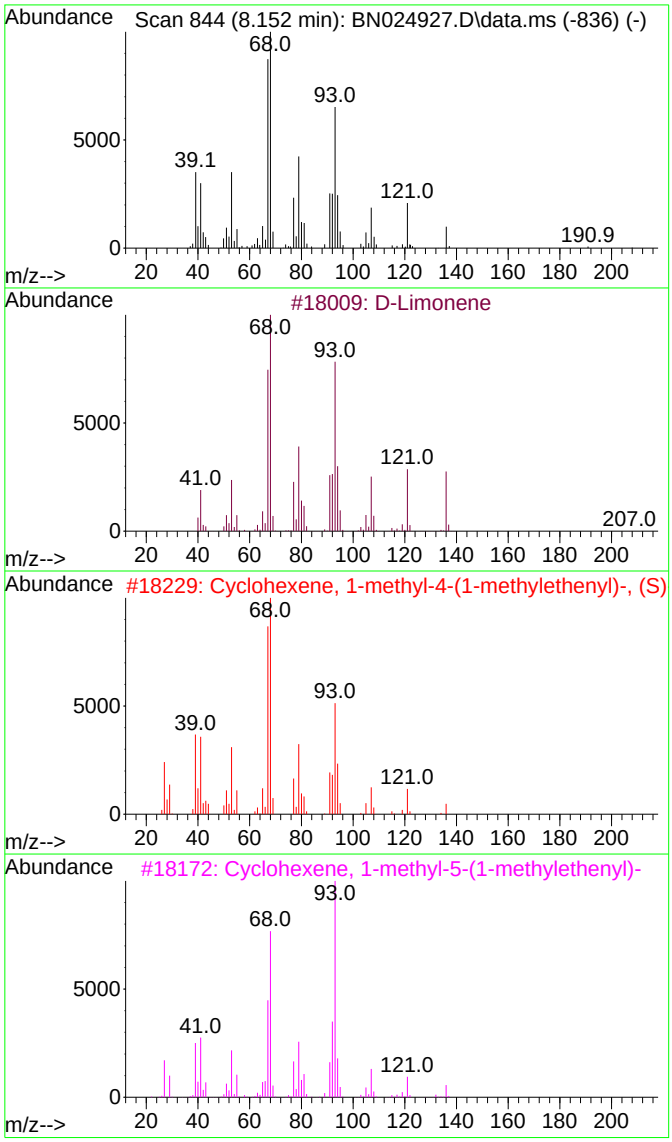
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

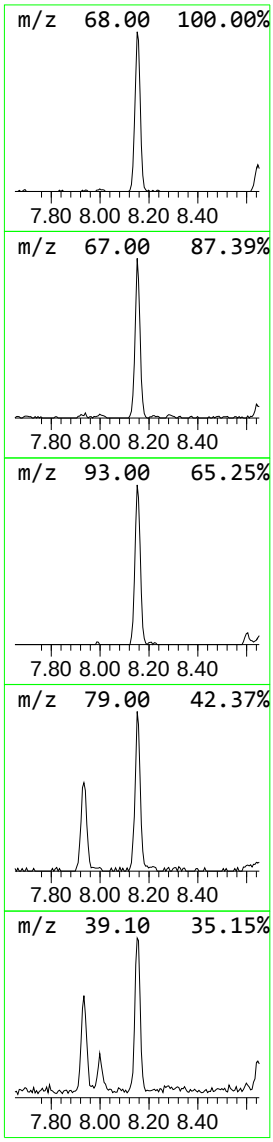
****

Peak Number 4 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.152	2.57 ng/ul	252559	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	96
2	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	91
3	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
4	Limonene	136	C10H16	000138-86-3	87
5	Limonene	136	C10H16	000138-86-3	76





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Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

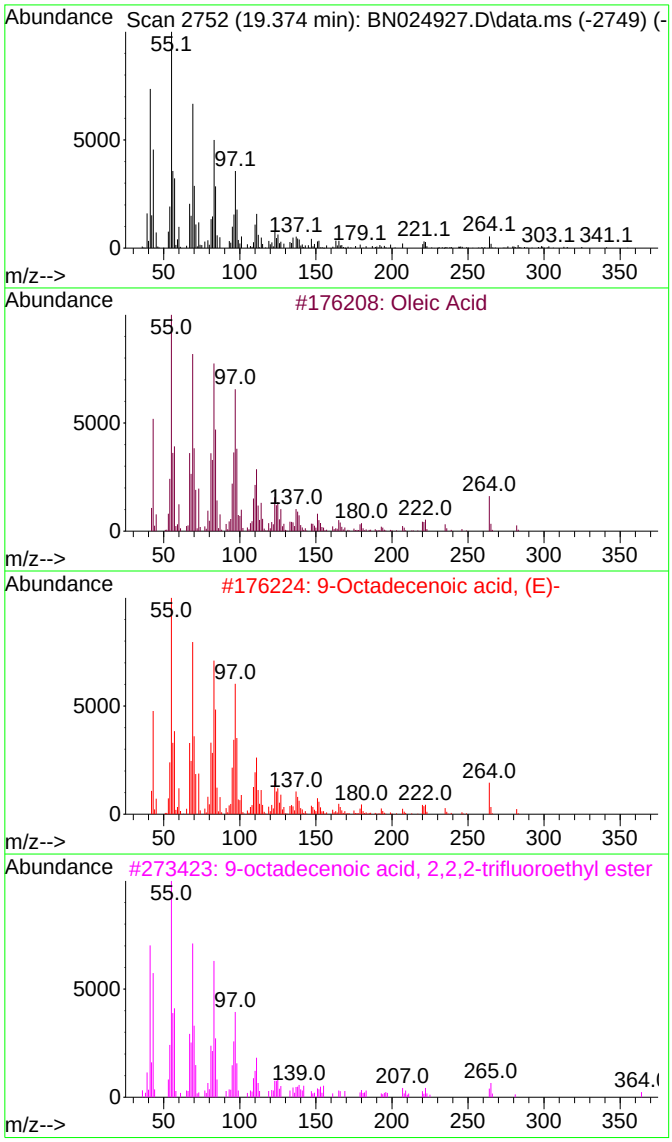
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

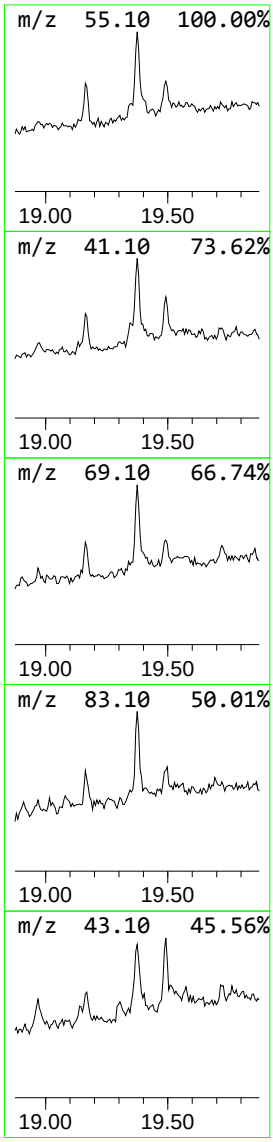
****

Peak Number 5 Oleic Acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.375	2.07 ng/ul	481602	Phenanthrene-d10	17.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oleic Acid	282	C18H34O2	000112-80-1	91
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	90
3	9-octadecenoic acid, 2,2,2-trifl...	364	C20H35F3O2	1000376-54-3	80
4	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	76
5	Heptadecanolide	268	C17H32O2	005637-97-8	76





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AN5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.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,...	4.340	2.4	ng/ul	232872	1	7.934	1962930	20.0
Propanoic acid,...	4.522	2.6	ng/ul	255390	1	7.934	1962930	20.0
Isopropyl butyrate	4.987	4.8	ng/ul	474623	1	7.934	1962930	20.0
D-Limonene	8.152	2.6	ng/ul	252559	1	7.934	1962930	20.0
Oleic Acid	19.375	2.1	ng/ul	481602	4	17.328	4650070	20.0