LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019063.D
Acq On : 23 Dec 2023 05:39
Operator : MA/JU
Sample : 05835-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	24	28	39	rVB	54658	79626	1.13%	0.126%
2	3.393	48	52	57	rVB4	13615	19958	0.28%	0.032%
3	3.564	74	81	88	rVB2	39766	90406	1.29%	0.143%
4	3.670	95	99	115	rBV	664736	1001037	14.26%	1.587%
5	3.999	131	155	159	rBV	355826	1494790	21.29%	2.370%
6	4.687	262	272	278	rBV2	28889	52050	0.74%	0.083%
7	4.822	290	295	301	rVB2	18994	26198	0.37%	0.042%
8	4.917	307	311	317	rVB2	7689	13041	0.19%	0.021%
9	5.128	340	347	360	rVB	572262	887742	12.65%	1.407%
10	5.311	368	378	391	rBV2	105992	222682	3.17%	0.353%
11	6.187	522	527	531	rBV4	8402	12353	0.18%	0.020%
12	6.934	629	654	658	rBV	412569	1551030	22.09%	2.459%
13	6.993	658	664	682	rVV	850682	1399616	19.94%	2.219%
14	7.152	685	691	708	rVB	650274	1037930	14.79%	1.645%
15	7.346	717	724	735	rBV	833819	1312618	18.70%	2.081%
16	7.440	736	740	746	rVB9	4619	8956	0.13%	0.014%
17	7.705	780	785	789	rVB6	6466	10966	0.16%	0.017%
18	7.816	795	804	814	rBV	576282	924202	13.17%	1.465%
19	7.893	814	817	825	rVB4	10630	17239	0.25%	0.027%
20	8.369	891	898	901	rBV2	6198	10646	0.15%	0.017%
21	8.405	901	904	908	rVB6	4710	7327	0.10%	0.012%
22	8.534	917	926	933	rBV	1074191	1710723	24.37%	2.712%
23	8.587	933	935	942	rVB	15816	26206	0.37%	0.042%
24	8.975	994	1001	1010	rBV	774069	1274626	18.16%	2.021%
25	9.105	1017	1023	1027	rBV5	6442	10382	0.15%	0.016%
26	9.387	1063	1071	1078	rBV10	8264	17195	0.24%	0.027%
27	9.552	1095	1099	1106	rVB2	23613	36164	0.52%	0.057%
28	9.699	1113	1124	1134	rBV	673382	1087569	15.49%	1.724%
29	9.940	1160	1165	1172	rVB6	6863	10921	0.16%	0.017%
30	10.057	1180	1185	1191	rVB2	6846	11833	0.17%	0.019%
31	10.234	1207	1215	1231	rBV	1080527	1837961	26.18%	2.914%
32	10.610	1271	1279	1287	rBV	757025	1240431	17.67%	1.966%
33	10.752	1295	1303	1329	rBV	971922	1743501	24.84%	2.764%
34	11.175	1368	1375	1386	rVB3	11414	27981	0.40%	0.044%
35	11.363	1401	1407	1414	rBV2	22012	43233	0.62%	0.069%
36	12.199	1542	1549	1554	rVB2	20516	33361	0.48%	0.053%

LSC Area Percent Report

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Sample : 05835-12
Misc :
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Instrument :
BNA_P
ClientSampleId :
C0AQ9

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	12.422	1579	1587	1593	rBV2	19408	38839	0.55%	0.062%
38	13.275	1728	1732	1736	rBV4	10163	13117	0.19%	0.021%
39	13.351	1741	1745	1750	rVV2	14619	23289	0.33%	0.037%
40	13.869	1826	1833	1840	rBV	2002717	2787928	39.71%	4.420%
41	14.145	1872	1880	1890	rBV	2217154	3431543	48.88%	5.440%
42	14.445	1925	1931	1940	rBV	1129787	1744383	24.85%	2.765%
43	14.663	1962	1968	1987	rBV	843714	1495134	21.30%	2.370%
44	14.875	1999	2004	2011	rVB7	17103	31918	0.45%	0.051%
45	15.445	2094	2101	2108	rBV	3056257	4461279	63.55%	7.072%
46	15.569	2116	2122	2136	rBV	940496	1262970	17.99%	2.002%
47	15.681	2137	2141	2150	rVB2	16614	30162	0.43%	0.048%
48	15.810	2159	2163	2166	rBV6	4529	7645	0.11%	0.012%
49	15.845	2166	2169	2175	rVB8	6271	12333	0.18%	0.020%
50	16.228	2231	2234	2239	rVB3	13311	17227	0.25%	0.027%
51	16.604	2294	2298	2304	rBV7	8203	14059	0.20%	0.022%
52	16.881	2341	2345	2350	rVB7	7218	10190	0.15%	0.016%
53	17.198	2390	2399	2406	rBV	1534655	2247160	32.01%	3.562%
54	17.298	2410	2416	2426	rVV2	3557649	5030465	71.66%	7.975%
55	17.404	2430	2434	2440	rVB5	23900	38237	0.54%	0.061%
56	17.604	2463	2468	2473	rVB9	6883	14093	0.20%	0.022%
57	17.875	2511	2514	2519	rVB7	5887	8396	0.12%	0.013%
58	18.098	2546	2552	2561	rBV	447788	670531	9.55%	1.063%
59	18.475	2613	2616	2619	rBV3	24124	28425	0.40%	0.045%
60	18.504	2619	2621	2626	rVB4	20352	23308	0.33%	0.037%
61	18.992	2701	2704	2708	rVB6	17307	21842	0.31%	0.035%
62	19.116	2721	2725	2730	rBV	60119	77497	1.10%	0.123%
63	19.186	2733	2737	2740	rBV	74179	101894	1.45%	0.162%
64	19.328	2757	2761	2769	rBV2	137954	194065	2.76%	0.308%
65	19.539	2791	2797	2803	rBV	4961204	6382815	90.92%	10.118%
66	21.010	3043	3047	3055	rBV	552804	842339	12.00%	1.335%
67	21.292	3090	3095	3102	rBV	2253131	2804103	39.94%	4.445%
68	23.498	3463	3470	3483	rVB2	3554414	7020034	100.00%	11.128%
69	23.651	3490	3496	3508	rVB	1428343	2902042	41.34%	4.600%

Sum of corrected areas: 63081762

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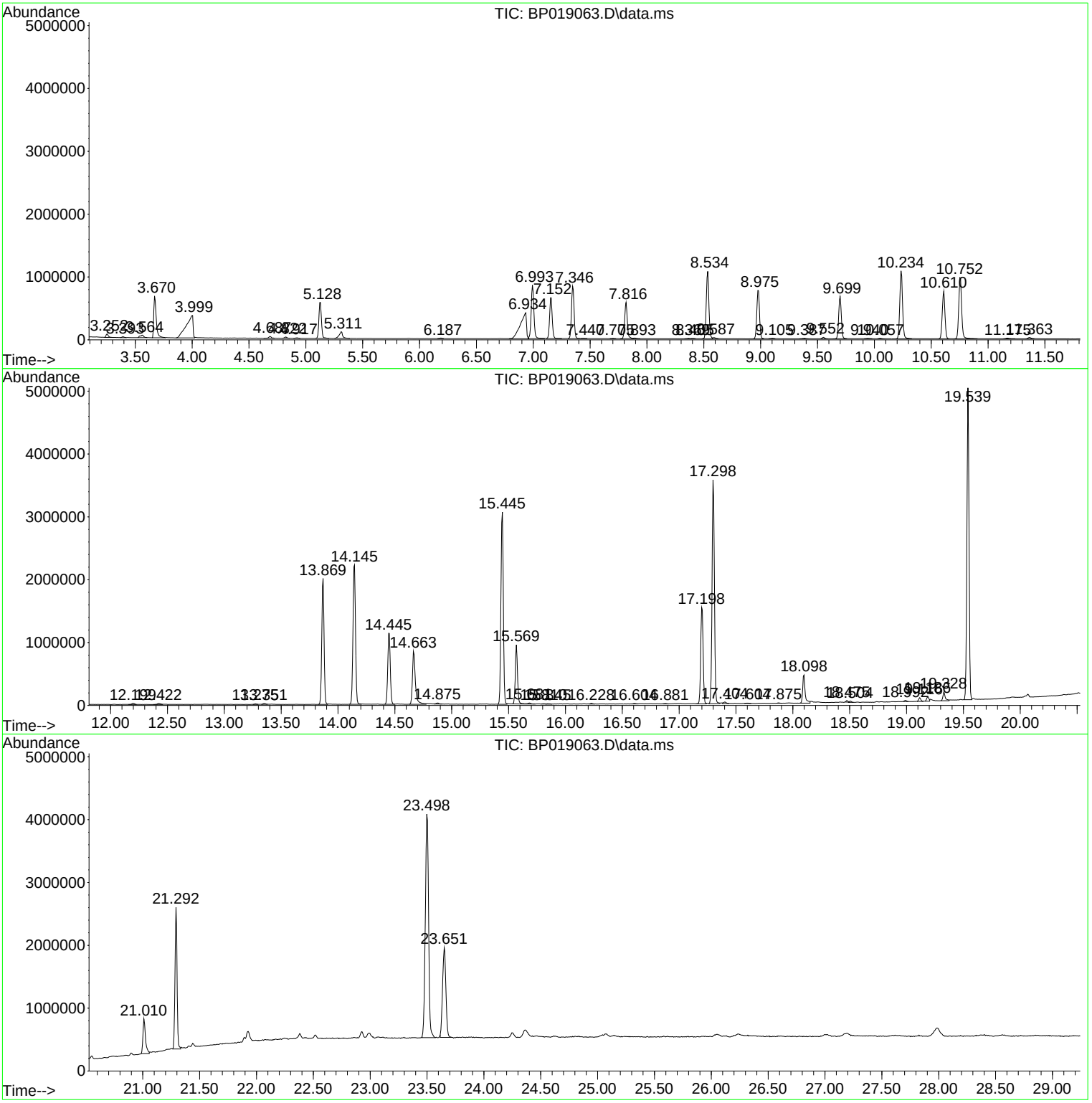
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

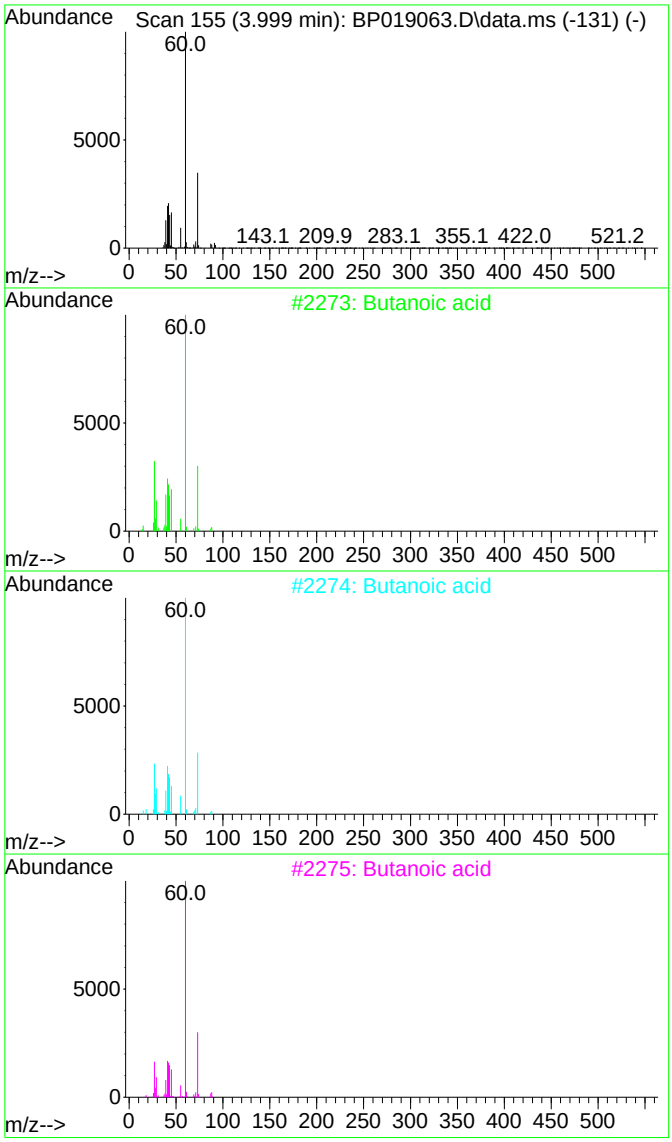
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

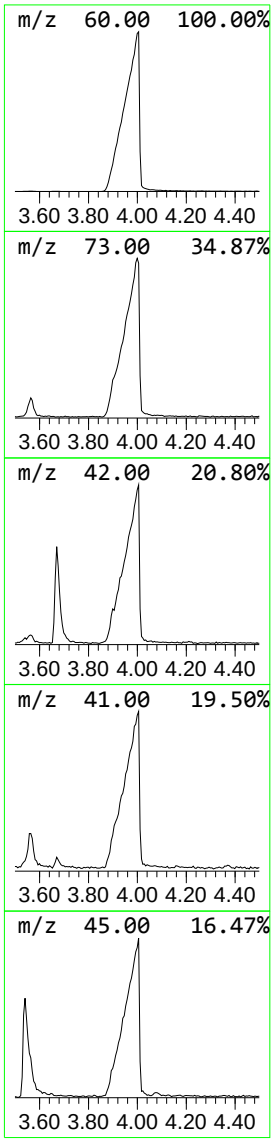
****

Peak Number 1 Butanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.999	32.35 ng/ul	1494790	1,4-Dichlorobenzene-d4	7.816

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	87
4	Butanoic acid	88	C4H8O2	000107-92-6	78
5	Pentanoic acid	102	C5H10O2	000109-52-4	40





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Acq On : 23 Dec 2023 05:39
Operator : MA/JU
Sample : 05835-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

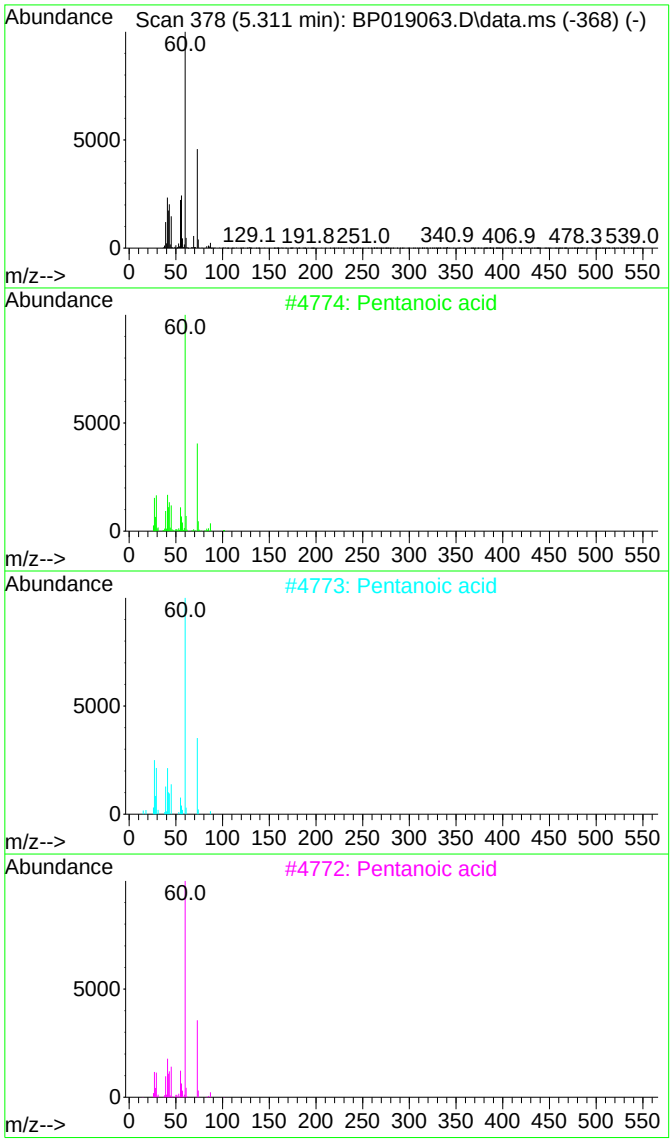
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

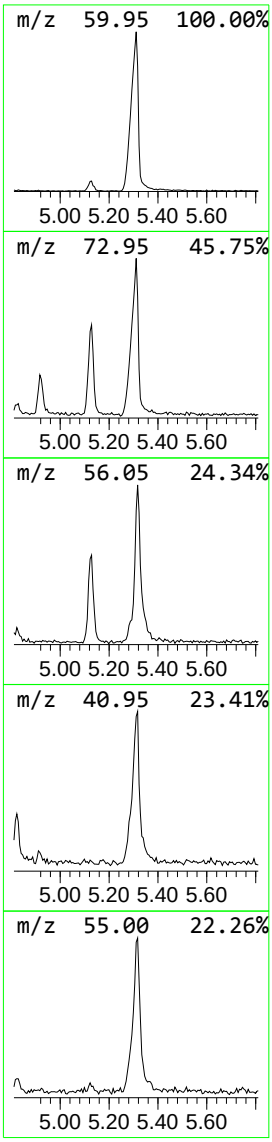
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	4.82 ng/ul	222682	1,4-Dichlorobenzene-d4	7.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	78
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Pentanoic acid	102	C5H10O2	000109-52-4	72
4	Hexanoic acid	116	C6H12O2	000142-62-1	64
5	Pentanoic acid	102	C5H10O2	000109-52-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
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Acq On : 23 Dec 2023 05:39
Operator : MA/JU
Sample : 05835-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

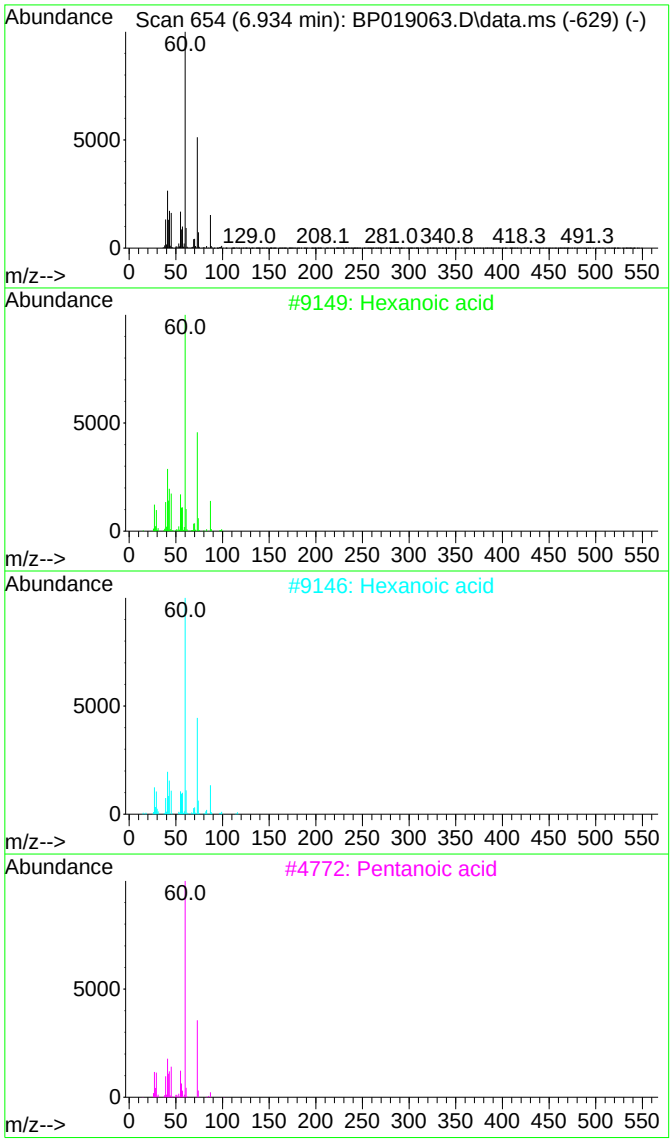
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

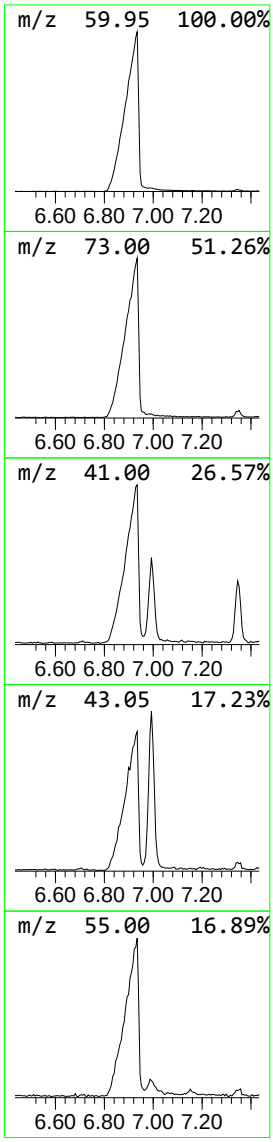
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.934	33.56 ng/ul	1551030	1,4-Dichlorobenzene-d4	7.816

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	Pentanoic acid	102	C5H10O2	000109-52-4	64
4	Hexanoic acid	116	C6H12O2	000142-62-1	59
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	59





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Operator : MA/JU
Sample : 05835-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

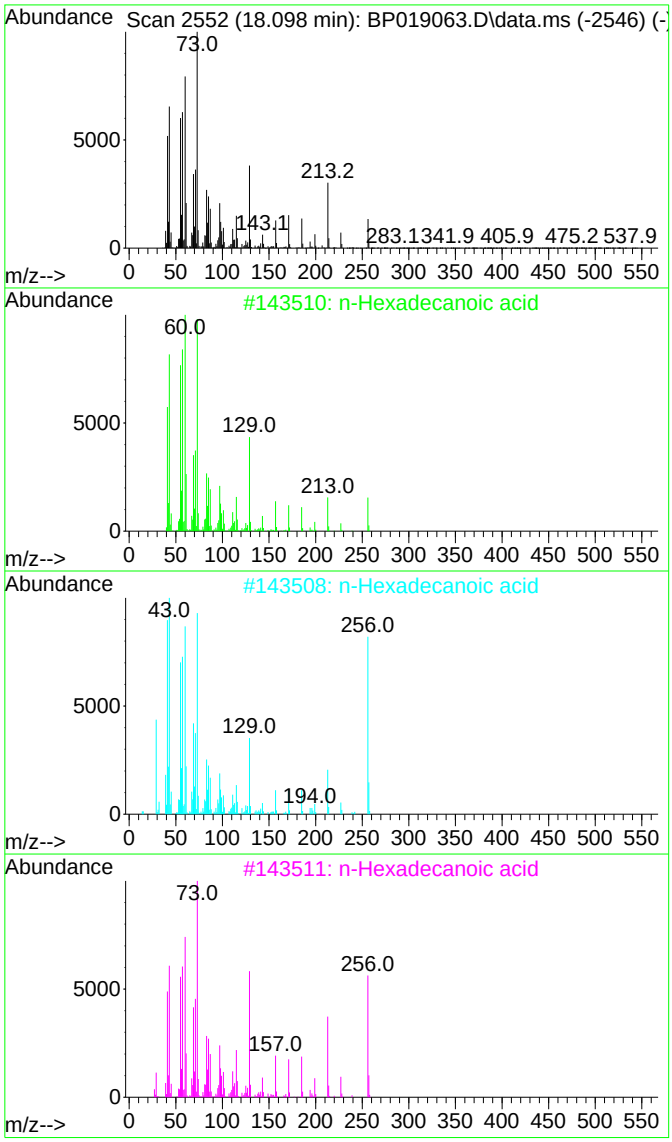
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

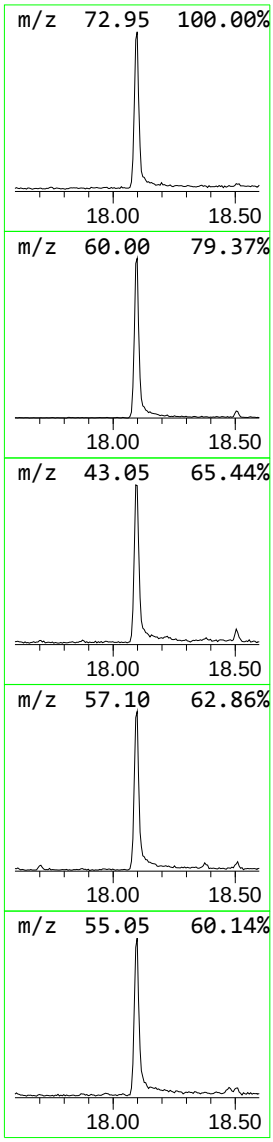
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.97 ng/ul	670531	Phenanthrene-d10	17.198

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	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AQ9

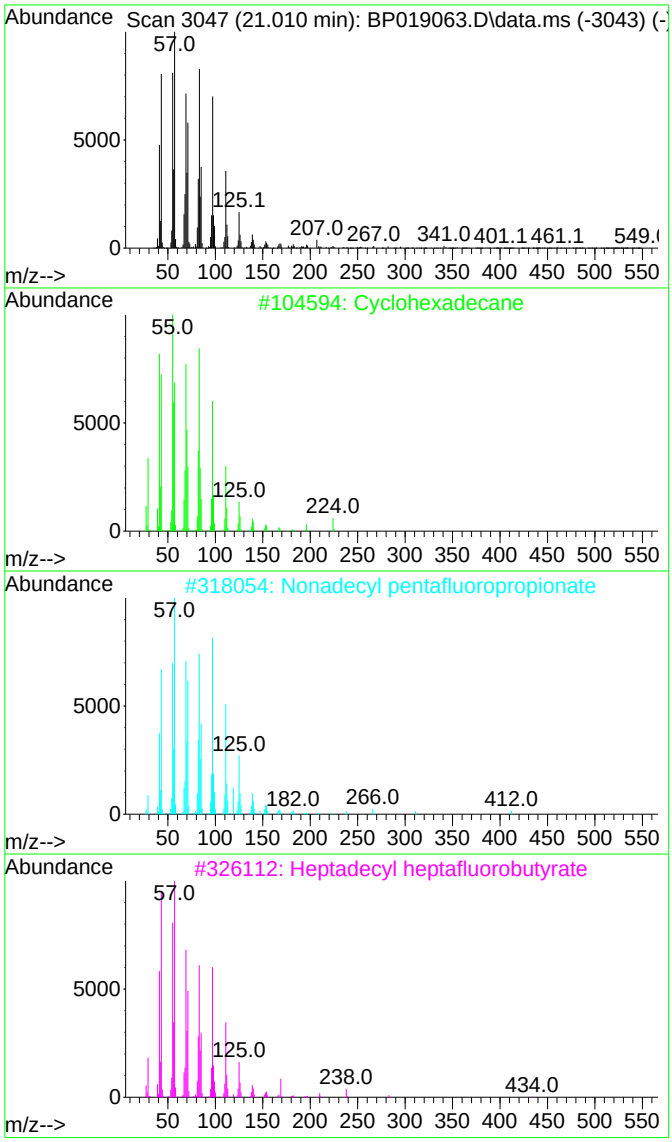
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

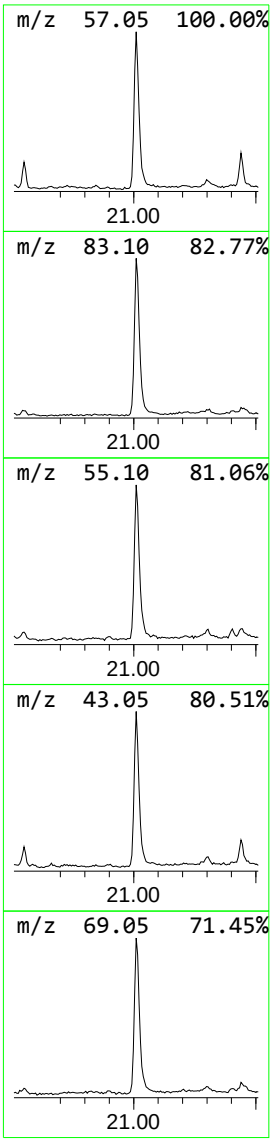
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic21.010 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	6.01 ng/ul	842339	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	99
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_P
ClientSampleId :
C0AQ9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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	3.999	32.4	ng/ul	1494790	1	7.816	924202	20.0
Pentanoic acid	5.311	4.8	ng/ul	222682	1	7.816	924202	20.0
Hexanoic acid	6.934	33.6	ng/ul	1551030	1	7.816	924202	20.0
n-Hexadecanoic ...	18.098	6.0	ng/ul	670531	4	17.198	2247160	20.0
(DEL) Alkane: C...	21.010	6.0	ng/ul	842339	5	21.292	2804100	20.0