LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
Data File : BN023899.D
Acq On : 02 Feb 2023 11:34
Operator : CG/JU
Sample : 01362-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4440

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-BN020123.M
Title : SVOA CALIBRATION

Signal : TIC: BN023899.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	22	25	33	rVB	40985	55830	1.17%	0.109%
2	3.523	70	74	89	rVB	64875	99760	2.10%	0.195%
3	3.658	95	97	116	rBV	536395	795345	16.72%	1.554%
4	3.893	134	137	142	rVB2	7684	11019	0.23%	0.022%
5	3.987	150	153	159	rBV	11490	16525	0.35%	0.032%
6	4.940	308	315	320	rBV2	7880	16106	0.34%	0.031%
7	6.975	656	661	662	rBV4	3025	5115	0.11%	0.010%
8	7.017	662	668	684	rVB	758944	1180371	24.81%	2.306%
9	7.181	690	696	707	rVB	619404	937181	19.70%	1.831%
10	7.375	722	729	740	rBV	781326	1206501	25.36%	2.357%
11	7.452	740	742	749	rVB8	2610	4833	0.10%	0.009%
12	7.846	803	809	818	rBV	602710	933773	19.63%	1.824%
13	7.911	818	820	826	rVB5	4966	6699	0.14%	0.013%
14	8.569	925	932	945	rBV	954317	1470876	30.92%	2.874%
15	8.752	959	963	968	rBV4	3742	5236	0.11%	0.010%
16	9.016	1001	1008	1020	rVB	756261	1192084	25.06%	2.329%
17	9.175	1029	1035	1040	rVB6	3544	5389	0.11%	0.011%
18	9.416	1070	1076	1081	rBV2	9207	15353	0.32%	0.030%
19	9.475	1081	1086	1092	rVB4	8806	14046	0.30%	0.027%
20	9.740	1124	1131	1140	rBV	671621	1065222	22.39%	2.081%
21	10.169	1199	1204	1208	rBV5	3384	5024	0.11%	0.010%
22	10.281	1216	1223	1235	rBV	992771	1602878	33.69%	3.132%
23	10.658	1280	1287	1294	rBV	832720	1347805	28.33%	2.633%
24	10.805	1305	1312	1322	rBV	957051	1570092	33.00%	3.068%
25	12.075	1524	1528	1533	rBV6	4619	5631	0.12%	0.011%
26	12.246	1551	1557	1564	rBV2	17210	26398	0.55%	0.052%
27	12.822	1648	1655	1657	rBV6	5109	10049	0.21%	0.020%
28	13.028	1686	1690	1698	rVB7	2532	5064	0.11%	0.010%
29	13.322	1736	1740	1745	rVB	10638	14623	0.31%	0.029%
30	13.463	1761	1764	1772	rVB5	4809	7022	0.15%	0.014%
31	13.769	1810	1816	1820	rBV2	6474	12868	0.27%	0.025%
32	13.922	1835	1842	1851	rBV	1825162	2504299	52.64%	4.893%
33	14.199	1882	1889	1902	rBV	2080507	2892355	60.79%	5.651%
34	14.387	1917	1921	1927	rVB5	6047	10211	0.21%	0.020%
35	14.504	1934	1941	1952	rVV	1334247	1930195	40.57%	3.771%
36	14.716	1970	1977	1988	rBV	884695	1214414	25.53%	2.373%

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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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Title : SVOA CALIBRATION

37	14.928	2007	2013	2016	rBV7	15072	26644	0.56%	0.052%
38	15.193	2053	2058	2065	rBV6	7439	13357	0.28%	0.026%
39	15.287	2067	2074	2079	rVV4	15045	26078	0.55%	0.051%
40	15.346	2082	2084	2088	rVB3	5310	6314	0.13%	0.012%
41	15.498	2100	2110	2122	rBV	2697870	3670240	77.14%	7.171%
42	15.622	2125	2131	2142	rBV	969688	1250892	26.29%	2.444%
43	15.740	2147	2151	2156	rVB	11840	16434	0.35%	0.032%
44	15.863	2168	2172	2177	rBV	46926	63097	1.33%	0.123%
45	15.904	2177	2179	2186	rVB4	6430	7983	0.17%	0.016%
46	16.216	2227	2232	2234	rBV3	4521	7993	0.17%	0.016%
47	16.281	2238	2243	2246	rVV3	3170	5082	0.11%	0.010%
48	16.545	2278	2288	2291	rBV9	6911	12412	0.26%	0.024%
49	16.651	2301	2306	2312	rBV8	12351	20349	0.43%	0.040%
50	16.722	2312	2318	2321	rBV6	4691	6256	0.13%	0.012%
51	16.957	2356	2358	2362	rVB4	4285	5234	0.11%	0.010%
52	17.010	2364	2367	2377	rBV6	6821	18019	0.38%	0.035%
53	17.169	2387	2394	2399	rVB4	14954	22210	0.47%	0.043%
54	17.251	2402	2408	2415	rVV	1692200	2388452	50.20%	4.666%
55	17.351	2419	2425	2434	rVV	2854189	3992628	83.92%	7.801%
56	17.445	2434	2441	2452	rVB6	44047	94028	1.98%	0.184%
57	17.540	2452	2457	2459	rBV3	4810	6826	0.14%	0.013%
58	17.640	2467	2474	2477	rBV4	13104	20820	0.44%	0.041%
59	17.875	2510	2514	2517	rBV5	5361	8783	0.18%	0.017%
60	17.922	2519	2522	2526	rVB5	7735	7744	0.16%	0.015%
61	18.022	2534	2539	2547	rBV5	16393	33735	0.71%	0.066%
62	18.157	2556	2562	2570	rBV	497297	746232	15.68%	1.458%
63	18.575	2630	2633	2638	rVB5	13715	17762	0.37%	0.035%
64	18.822	2672	2675	2677	rBV4	6753	9007	0.19%	0.018%
65	19.075	2715	2718	2723	rBV5	6320	7359	0.15%	0.014%
66	19.210	2737	2741	2746	rBV	37264	53884	1.13%	0.105%
67	19.281	2749	2753	2756	rBV	63654	90016	1.89%	0.176%
68	19.310	2756	2758	2765	rVB5	32498	49777	1.05%	0.097%
69	19.428	2774	2778	2791	rBV	187805	286070	6.01%	0.559%
70	19.651	2810	2816	2821	rBV	3821675	4757743	100.00%	9.295%
71	19.698	2821	2824	2829	rVB2	37325	48441	1.02%	0.095%
72	20.186	2905	2907	2911	rVB	37642	39796	0.84%	0.078%
73	20.692	2989	2993	2996	rVB2	55777	66960	1.41%	0.131%
74	21.157	3067	3072	3079	rBV	637270	837877	17.61%	1.637%
75	21.451	3117	3122	3129	rBV	2138532	2650599	55.71%	5.179%
76	21.598	3144	3147	3154	rVB2	101121	124146	2.61%	0.243%

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4440

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Title : SVOA CALIBRATION

77	22.069	3223	3227	3229	rBV	91537	129702	2.73%	0.253%
78	22.557	3307	3310	3315	rVB	129742	150587	3.17%	0.294%
79	22.698	3331	3334	3340	rVB	108788	155120	3.26%	0.303%
80	23.116	3402	3405	3411	rVB2	95641	127443	2.68%	0.249%
81	23.692	3496	3503	3517	rVB2	2136899	4500733	94.60%	8.793%
82	23.857	3524	3531	3540	rBV2	1249749	2406609	50.58%	4.702%

Sum of corrected areas: 51183665

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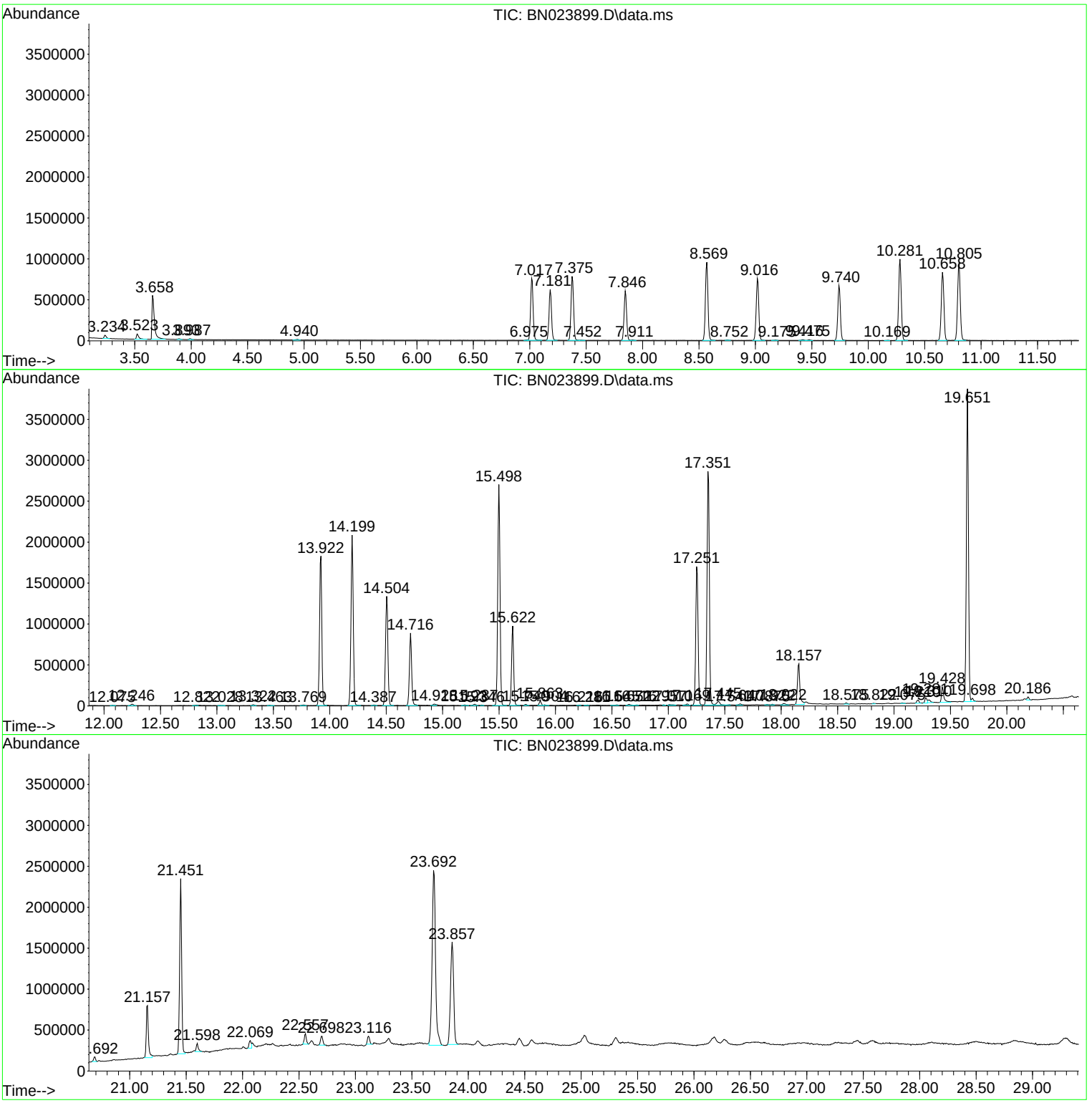
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
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Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

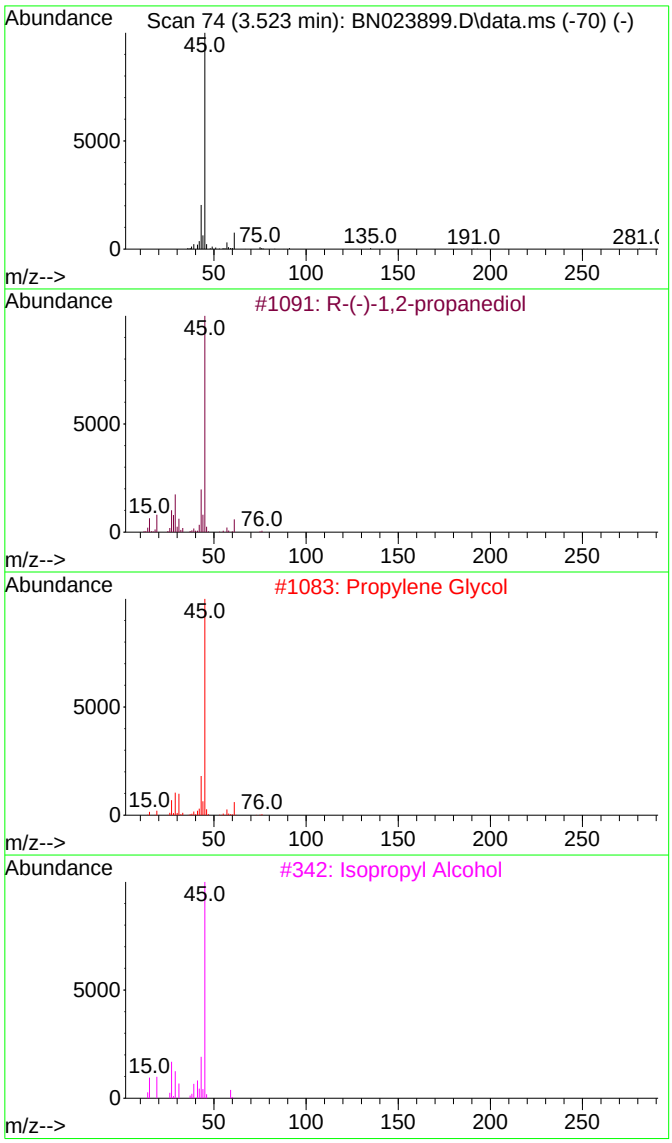
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

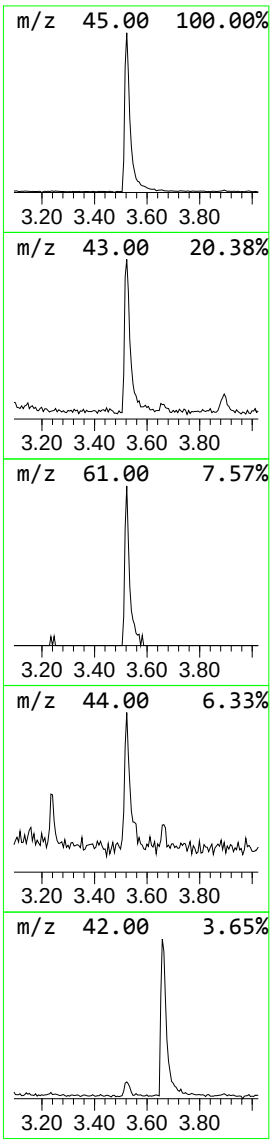
****

Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.523	2.14 ng/ul	99760	1,4-Dichlorobenzene-d4	7.846

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
2	Propylene Glycol	76	C3H8O2	000057-55-6	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propylene Glycol	76	C3H8O2	000057-55-6	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





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Sample : 01362-02
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

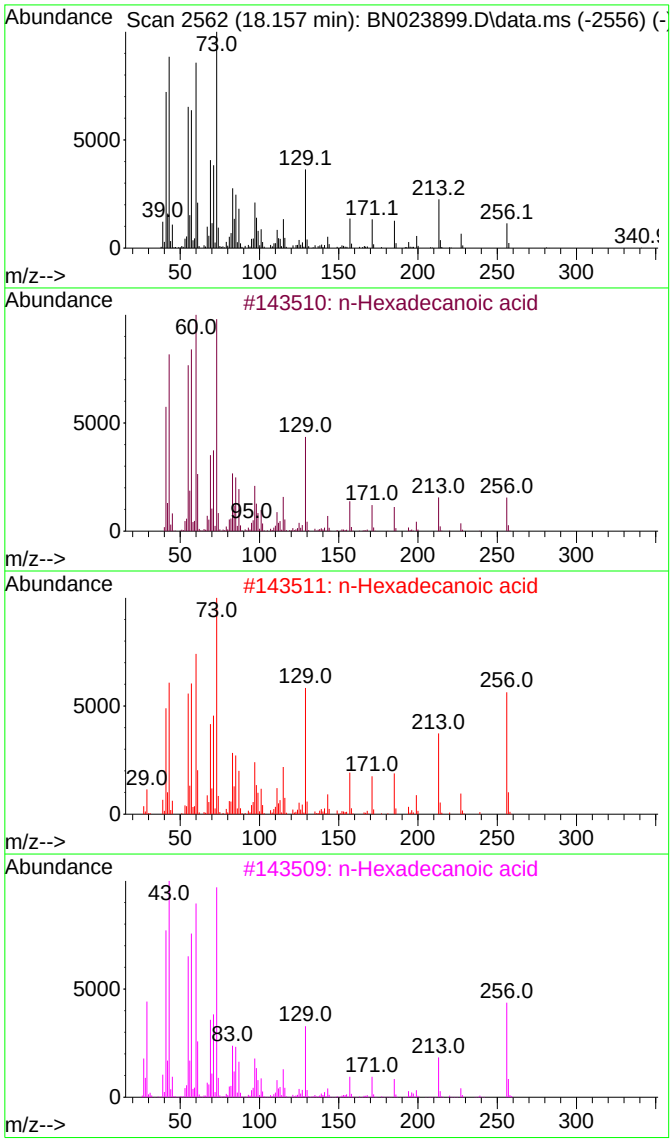
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

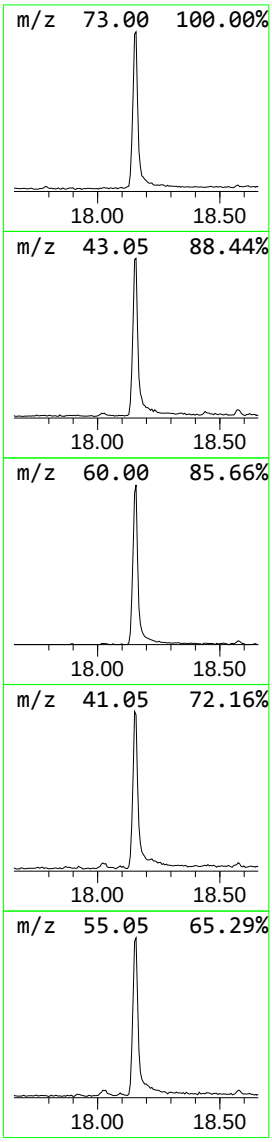
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.157	6.25 ng/ul	746232	Phenanthrene-d10	17.251

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Quant Title : SVOA CALIBRATION

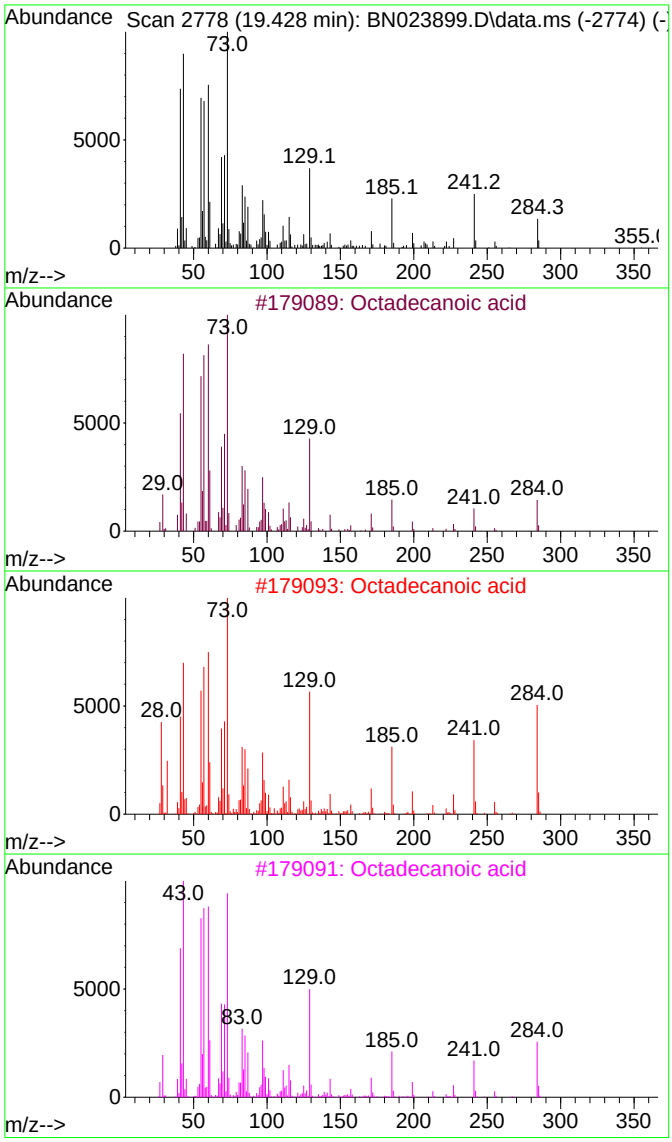
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

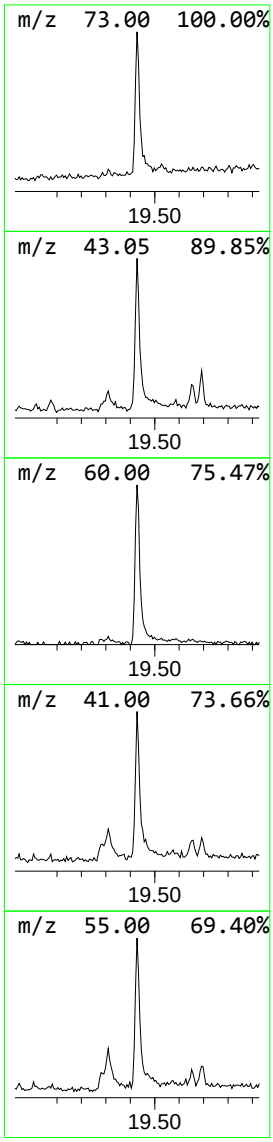
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.428	2.16 ng/ul	286070	Chrysene-d12	21.451

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	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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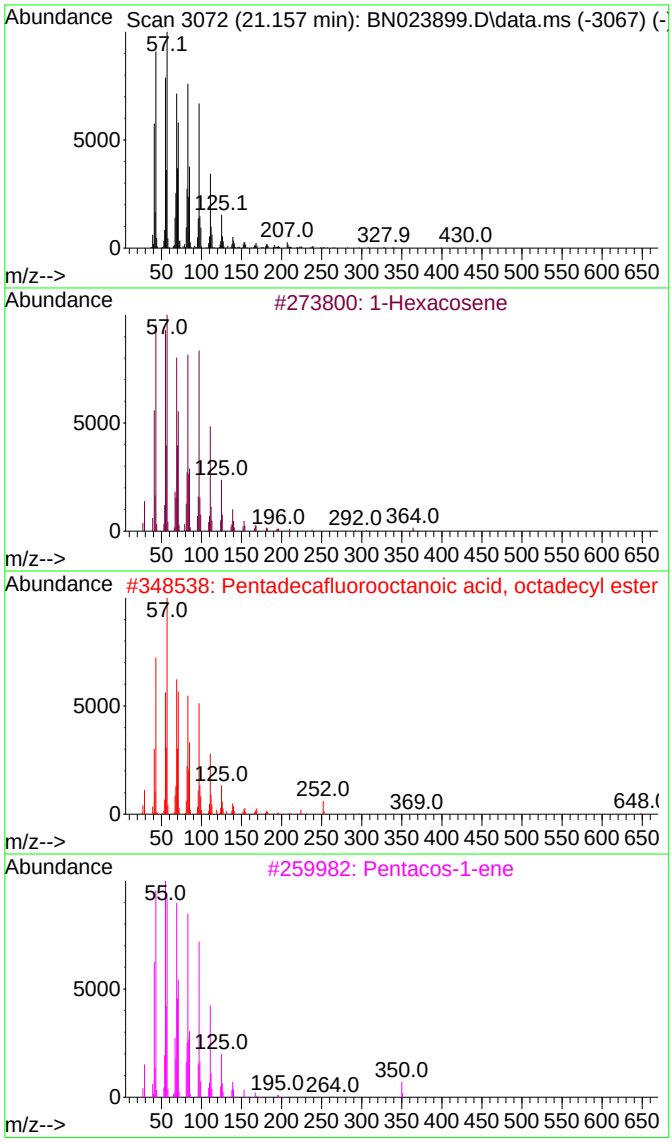
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
Quant Title : SVOA CALIBRATION

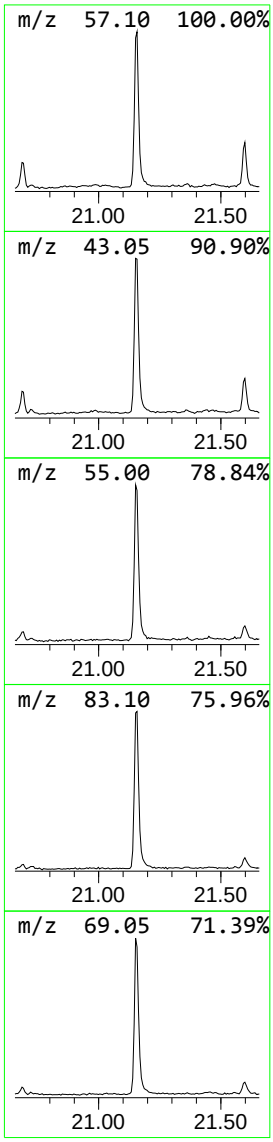
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	6.32 ng/ul	837877	Chrysene-d12	21.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Pentacos-1-ene	350	C25H50	016980-85-1	94
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

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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
R-(-)-1,2-propa...	3.523	2.1	ng/ul	99760	1	7.846	933773	20.0
n-Hexadecanoic ...	18.157	6.3	ng/ul	746232	4	17.251	2388450	20.0
Octadecanoic acid	19.428	2.2	ng/ul	286070	5	21.451	2650600	20.0
(DEL) Alkane: S...	21.157	6.3	ng/ul	837877	5	21.451	2650600	20.0