LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029547.D
Acq On : 07 Feb 2024 15:41
Operator : MA/JU
Sample : P1303-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0FG5

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-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.328	37	41	47	rVB	43535	58681	2.23%	0.157%
2	3.740	107	111	126	rBV	301855	495643	18.87%	1.324%
3	4.063	162	166	172	rVB	22546	27332	1.04%	0.073%
4	4.675	268	270	275	rVB5	3373	3447	0.13%	0.009%
5	5.575	420	423	426	rBV5	3022	4853	0.18%	0.013%
6	6.199	527	529	531	rVB3	2870	2697	0.10%	0.007%
7	6.852	637	640	641	rBV3	4278	3282	0.12%	0.009%
8	7.046	665	673	686	rBV	653217	1040346	39.61%	2.779%
9	7.222	697	703	718	rVB	513200	839694	31.97%	2.243%
10	7.410	728	735	743	rBV	649303	1009010	38.42%	2.695%
11	7.522	751	754	756	rBV4	2743	2762	0.11%	0.007%
12	7.881	807	815	823	rBV	856846	1344885	51.21%	3.592%
13	7.952	823	827	836	rVB6	6643	13102	0.50%	0.035%
14	8.504	918	921	924	rBV5	1997	2987	0.11%	0.008%
15	8.593	929	936	950	rVV	760384	1227966	46.76%	3.280%
16	8.699	952	954	961	rVB7	2698	4303	0.16%	0.011%
17	8.993	999	1004	1007	rBV6	1901	3793	0.14%	0.010%
18	9.051	1007	1014	1026	rVV	589425	984480	37.49%	2.630%
19	9.151	1029	1031	1033	rVV3	3242	2972	0.11%	0.008%
20	9.222	1036	1043	1046	rVV7	4334	6758	0.26%	0.018%
21	9.446	1077	1081	1088	rVB6	5524	10227	0.39%	0.027%
22	9.769	1127	1136	1146	rBV	406780	684650	26.07%	1.829%
23	10.016	1174	1178	1182	rVB5	2384	3126	0.12%	0.008%
24	10.298	1219	1226	1238	rBV	672891	1147588	43.70%	3.065%
25	10.610	1278	1279	1283	rVB4	2418	2643	0.10%	0.007%
26	10.681	1283	1291	1301	rBV	1080704	1842000	70.14%	4.920%
27	10.828	1308	1316	1327	rBV	672429	1170319	44.56%	3.126%
28	12.116	1529	1535	1540	rBV6	6598	11277	0.43%	0.030%
29	12.281	1558	1563	1568	rVB	9128	15971	0.61%	0.043%
30	12.928	1669	1673	1677	rBV5	4331	6262	0.24%	0.017%
31	13.016	1681	1688	1693	rVB8	3589	7655	0.29%	0.020%
32	13.063	1693	1696	1701	rBV7	2825	5718	0.22%	0.015%
33	13.357	1741	1746	1751	rBV	16380	23844	0.91%	0.064%
34	13.428	1753	1758	1767	rVB	32110	53752	2.05%	0.144%
35	13.757	1809	1814	1818	rBV7	3879	6527	0.25%	0.017%
36	13.951	1840	1847	1856	rBV	1168806	1684325	64.13%	4.499%

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Instrument :
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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

37	14.222	1884	1893	1908	rBV	1352166	2009066	76.50%	5.366%
38	14.369	1913	1918	1921	rBV4	1593	3201	0.12%	0.009%
39	14.434	1925	1929	1932	rBV4	3644	3948	0.15%	0.011%
40	14.528	1938	1945	1953	rBV	1469794	2096110	79.81%	5.599%
41	14.728	1972	1979	1996	rBV	413715	661123	25.17%	1.766%
42	14.957	2011	2018	2023	rBV6	11502	19831	0.76%	0.053%
43	15.045	2029	2033	2036	rBV4	2713	3916	0.15%	0.010%
44	15.392	2089	2092	2096	rVB5	3662	4982	0.19%	0.013%
45	15.522	2107	2114	2128	rBV	1718492	2424149	92.30%	6.475%
46	15.645	2128	2135	2143	rBV	371437	527141	20.07%	1.408%
47	15.763	2151	2155	2160	rVB4	6804	11092	0.42%	0.030%
48	16.257	2234	2239	2240	rBV5	2301	3157	0.12%	0.008%
49	16.310	2244	2248	2252	rVB7	4956	7332	0.28%	0.020%
50	16.404	2261	2264	2265	rBV3	2653	2904	0.11%	0.008%
51	16.686	2309	2312	2316	rBV5	6115	7722	0.29%	0.021%
52	16.880	2343	2345	2349	rBV5	2320	3947	0.15%	0.011%
53	17.069	2370	2377	2381	rBV8	5724	13275	0.51%	0.035%
54	17.280	2406	2413	2419	rBV	1583898	2236341	85.15%	5.973%
55	17.380	2423	2430	2440	rVV	1634094	2423543	92.28%	6.473%
56	17.480	2443	2447	2453	rVV7	19364	36206	1.38%	0.097%
57	17.533	2453	2456	2459	rVB5	2822	3612	0.14%	0.010%
58	17.792	2497	2500	2503	rBV5	3481	4923	0.19%	0.013%
59	17.969	2528	2530	2533	rVB4	7021	7226	0.28%	0.019%
60	18.057	2542	2545	2551	rBV7	7379	10723	0.41%	0.029%
61	18.133	2554	2558	2560	rBV5	3503	3926	0.15%	0.010%
62	18.192	2560	2568	2587	rBV	260764	419942	15.99%	1.122%
63	18.492	2617	2619	2621	rVB3	5910	4476	0.17%	0.012%
64	18.627	2638	2642	2646	rVB6	7028	8594	0.33%	0.023%
65	18.863	2678	2682	2688	rBV7	6895	11645	0.44%	0.031%
66	18.992	2702	2704	2709	rBV6	3895	5661	0.22%	0.015%
67	19.133	2724	2728	2731	rBV5	5319	8158	0.31%	0.022%
68	19.239	2741	2746	2752	rBV5	19652	30860	1.18%	0.082%
69	19.327	2753	2761	2763	rVV2	35680	62084	2.36%	0.166%
70	19.357	2763	2766	2773	rVB6	30097	45956	1.75%	0.123%
71	19.474	2782	2786	2794	rBV2	115116	156649	5.96%	0.418%
72	19.674	2814	2820	2830	rBV	1927301	2626289	100.00%	7.015%
73	20.245	2914	2917	2922	rBV	20249	24459	0.93%	0.065%
74	20.751	3000	3003	3006	rVB	32028	34429	1.31%	0.092%
75	21.210	3077	3081	3089	rBV2	220071	312488	11.90%	0.835%
76	21.480	3121	3127	3143	rBV2	1590409	2191742	83.45%	5.854%

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Title : SVOA CALIBRATION

77	21.663	3155	3158	3162	rBV2	62132	66586	2.54%	0.178%
78	22.127	3234	3237	3243	rVB2	60936	84535	3.22%	0.226%
79	22.627	3319	3322	3328	rVB2	50640	72194	2.75%	0.193%
80	22.762	3342	3345	3352	rVB	73366	101430	3.86%	0.271%
81	23.180	3414	3416	3421	rVB2	50077	67537	2.57%	0.180%
82	23.704	3498	3505	3517	rBV2	1297718	2485387	94.63%	6.639%
83	23.857	3524	3531	3544	rVB	1151377	2332538	88.81%	6.230%

Sum of corrected areas: 37437912

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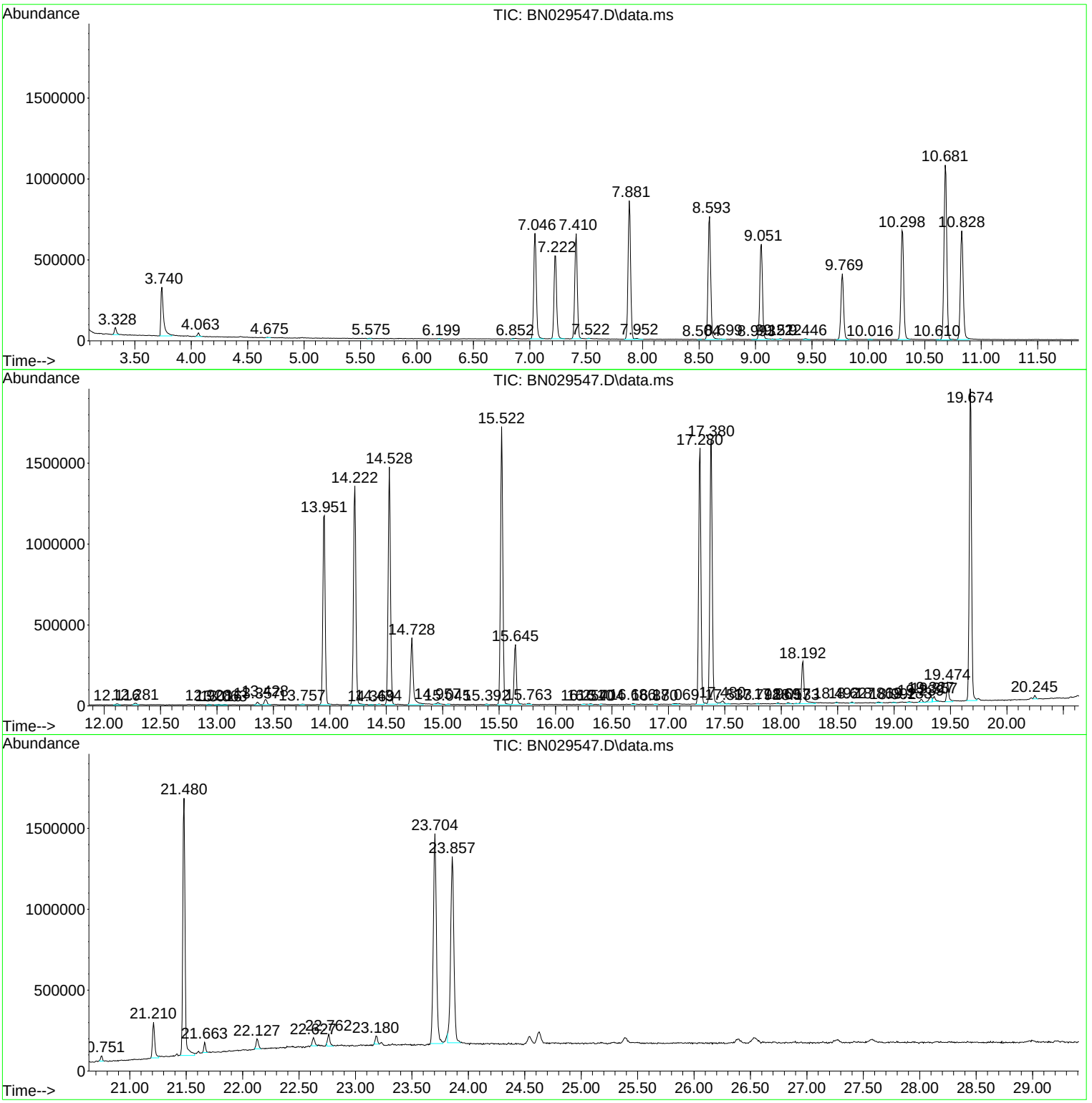
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

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



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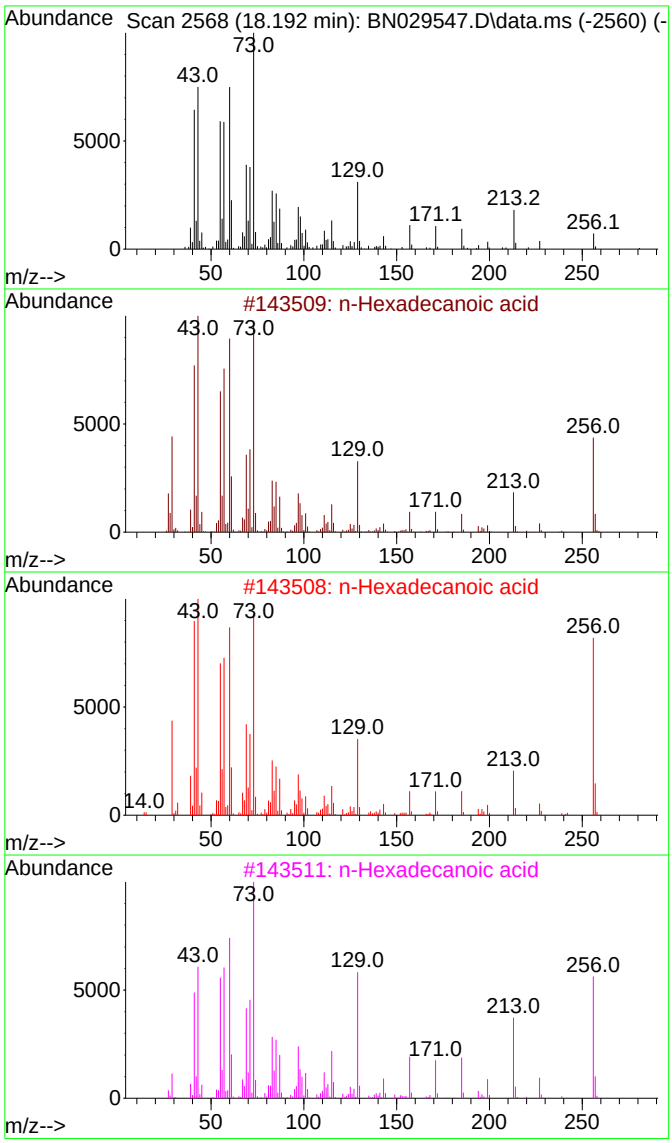
Quant Title : SVOA CALIBRATION

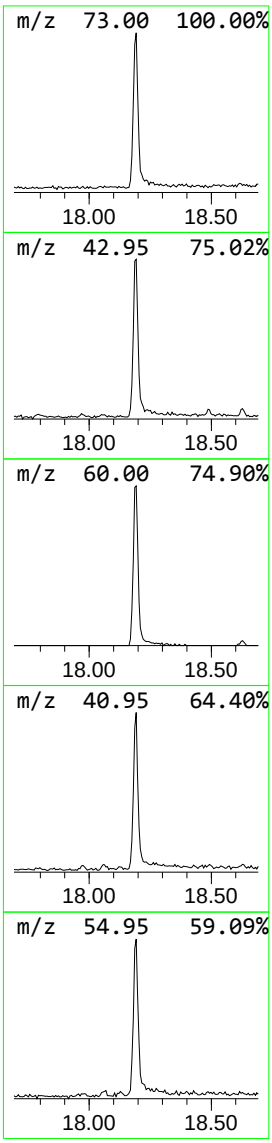
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	3.76 ng/ul	419942	Phenanthrene-d10	17.280

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	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Instrument :
BNA_N
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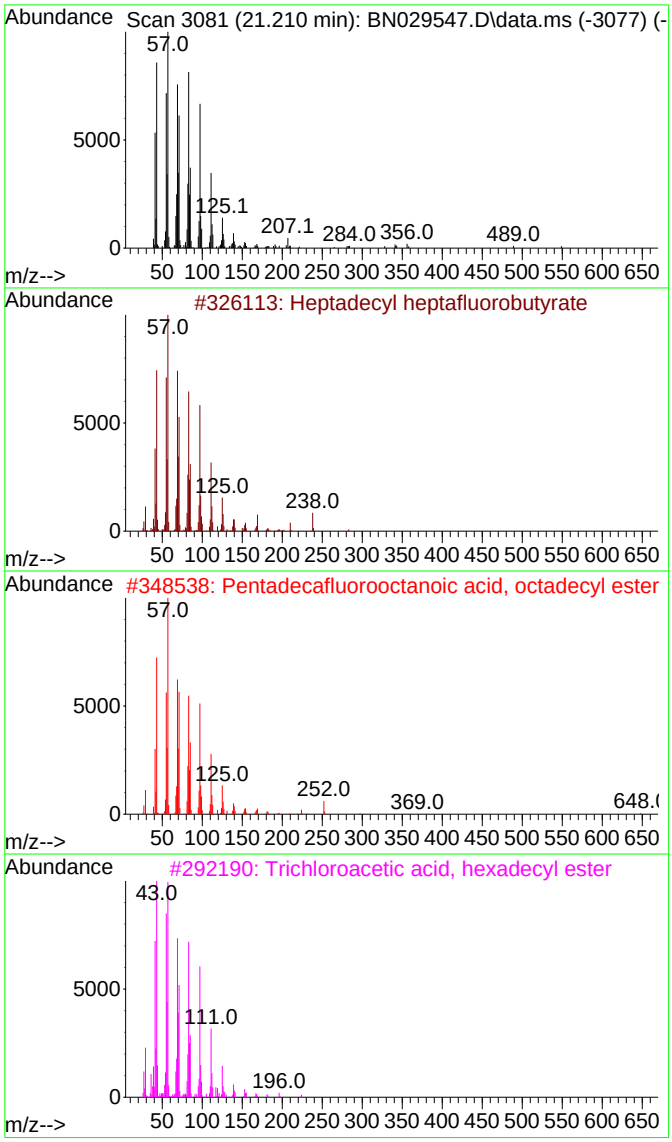
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

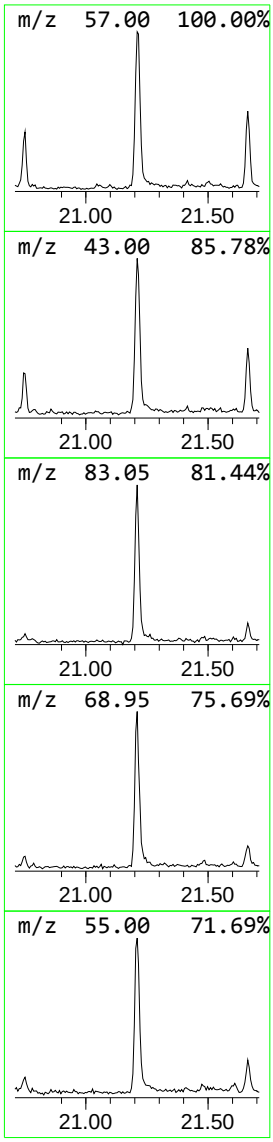
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	2.85 ng/ul	312488	Chrysene-d12	21.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.192	3.8	ng/ul	419942	4	17.280	2236340	20.0
Heptadecyl hept...	21.210	2.9	ng/ul	312488	5	21.480	2191740	20.0