LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
Data File : BN030717.D
Acq On : 06 Apr 2024 21:05
Operator : MA/JU
Sample : P1948-17
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AK8

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-BN032824.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN030717.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	32	35	38	rBV	26053	34164	0.42%	0.055%
2	3.222	38	40	45	rVB	17388	21503	0.27%	0.035%
3	3.599	101	104	121	rBV	184486	306224	3.78%	0.495%
4	4.434	241	246	254	rVB4	16095	27004	0.33%	0.044%
5	5.781	472	475	482	rVB5	5925	9313	0.12%	0.015%
6	6.675	622	627	631	rBV7	5315	9440	0.12%	0.015%
7	6.857	652	658	670	rVB	160204	264687	3.27%	0.428%
8	7.028	680	687	695	rBV	666545	1037072	12.81%	1.676%
9	7.222	713	720	728	rBV	609806	987081	12.20%	1.596%
10	7.304	728	734	742	rVB7	8747	21866	0.27%	0.035%
11	7.687	790	799	807	rBV	543218	849632	10.50%	1.373%
12	7.751	807	810	814	rVV4	5782	10641	0.13%	0.017%
13	7.804	814	819	823	rVB6	6337	9577	0.12%	0.015%
14	8.393	910	919	929	rBV	506364	825716	10.20%	1.335%
15	8.840	988	995	1007	rBV	810945	1334951	16.49%	2.158%
16	8.951	1009	1014	1018	rVV8	7276	13389	0.17%	0.022%
17	9.010	1018	1024	1029	rVB6	5758	12531	0.15%	0.020%
18	9.245	1059	1064	1073	rVB4	8461	15051	0.19%	0.024%
19	9.410	1087	1092	1100	rBV3	16750	27108	0.33%	0.044%
20	9.557	1110	1117	1126	rBV	668517	1078667	13.33%	1.744%
21	10.092	1200	1208	1222	rBV	1006364	1665173	20.57%	2.692%
22	10.257	1230	1236	1241	rBV7	7256	11470	0.14%	0.019%
23	10.469	1265	1272	1281	rBV	838182	1414380	17.47%	2.286%
24	10.610	1285	1296	1310	rBV	956301	1607705	19.86%	2.599%
25	11.016	1361	1365	1369	rBV6	5946	8965	0.11%	0.014%
26	11.216	1392	1399	1404	rBV	26240	49264	0.61%	0.080%
27	12.063	1537	1543	1549	rVB2	20650	34356	0.42%	0.056%
28	12.934	1686	1691	1699	rBV10	5181	10963	0.14%	0.018%
29	13.228	1736	1741	1748	rVB2	21388	33490	0.41%	0.054%
30	13.745	1821	1829	1842	rBV	2286025	3190649	39.42%	5.158%
31	14.022	1865	1876	1885	rBV	2599561	3848007	47.54%	6.220%
32	14.328	1920	1928	1940	rBV	1467806	2224940	27.49%	3.597%
33	14.533	1957	1963	1981	rBV	181844	325562	4.02%	0.526%
34	14.751	1995	2000	2004	rVB6	15584	23523	0.29%	0.038%
35	15.328	2089	2098	2110	rBV	3526469	4986105	61.60%	8.060%
36	15.445	2111	2118	2133	rVV	1041990	1435078	17.73%	2.320%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

37	15.563	2135	2138	2147	rVB2	18598	30503	0.38%	0.049%
38	15.892	2187	2194	2200	rBV9	5886	12873	0.16%	0.021%
39	16.110	2227	2231	2237	rVB3	15178	21830	0.27%	0.035%
40	16.345	2267	2271	2275	rBV4	7494	11875	0.15%	0.019%
41	16.486	2291	2295	2303	rVB6	26642	39196	0.48%	0.063%
42	16.751	2337	2340	2345	rVB6	7140	11304	0.14%	0.018%
43	16.851	2353	2357	2358	rBV3	7009	8330	0.10%	0.013%
44	16.886	2358	2363	2369	rVB	197112	251941	3.11%	0.407%
45	17.010	2378	2384	2387	rBV	46678	57194	0.71%	0.092%
46	17.080	2387	2396	2402	rVV	1943979	2836378	35.04%	4.585%
47	17.180	2406	2413	2422	rVV2	4075048	5977901	73.86%	9.663%
48	17.257	2422	2426	2435	rVB7	23897	48711	0.60%	0.079%
49	17.469	2454	2462	2470	rBV9	17645	36528	0.45%	0.059%
50	17.757	2508	2511	2515	rVB4	13475	18632	0.23%	0.030%
51	17.851	2523	2527	2535	rBV4	28741	44733	0.55%	0.072%
52	17.980	2544	2549	2560	rBV	335536	496621	6.14%	0.803%
53	18.416	2619	2623	2626	rBV2	48312	52025	0.64%	0.084%
54	18.469	2628	2632	2636	rBV5	8426	13204	0.16%	0.021%
55	18.651	2660	2663	2667	rBV6	7131	11019	0.14%	0.018%
56	18.851	2692	2697	2701	rBV5	44755	72778	0.90%	0.118%
57	18.951	2710	2714	2719	rBV2	35602	51526	0.64%	0.083%
58	19.039	2725	2729	2737	rVB2	67271	93700	1.16%	0.151%
59	19.110	2737	2741	2744	rBV	58936	81943	1.01%	0.132%
60	19.145	2744	2747	2751	rVB5	26337	34364	0.42%	0.056%
61	19.268	2763	2768	2779	rBV2	147056	229320	2.83%	0.371%
62	19.421	2791	2794	2797	rBV4	20964	22734	0.28%	0.037%
63	19.480	2798	2804	2811	rVV	5347460	7229138	89.32%	11.686%
64	21.010	3059	3064	3074	rBV3	205931	365559	4.52%	0.591%
65	21.315	3110	3116	3126	rBV2	2262028	3335989	41.22%	5.393%
66	21.439	3134	3137	3143	rVB	79457	105462	1.30%	0.170%
67	22.874	3376	3381	3392	rVB	427104	750197	9.27%	1.213%
68	24.056	3572	3582	3597	rBV2	3423784	8093933	100.00%	13.084%
69	24.256	3607	3616	3629	rBV	1434148	3648536	45.08%	5.898%

Sum of corrected areas: 61861224

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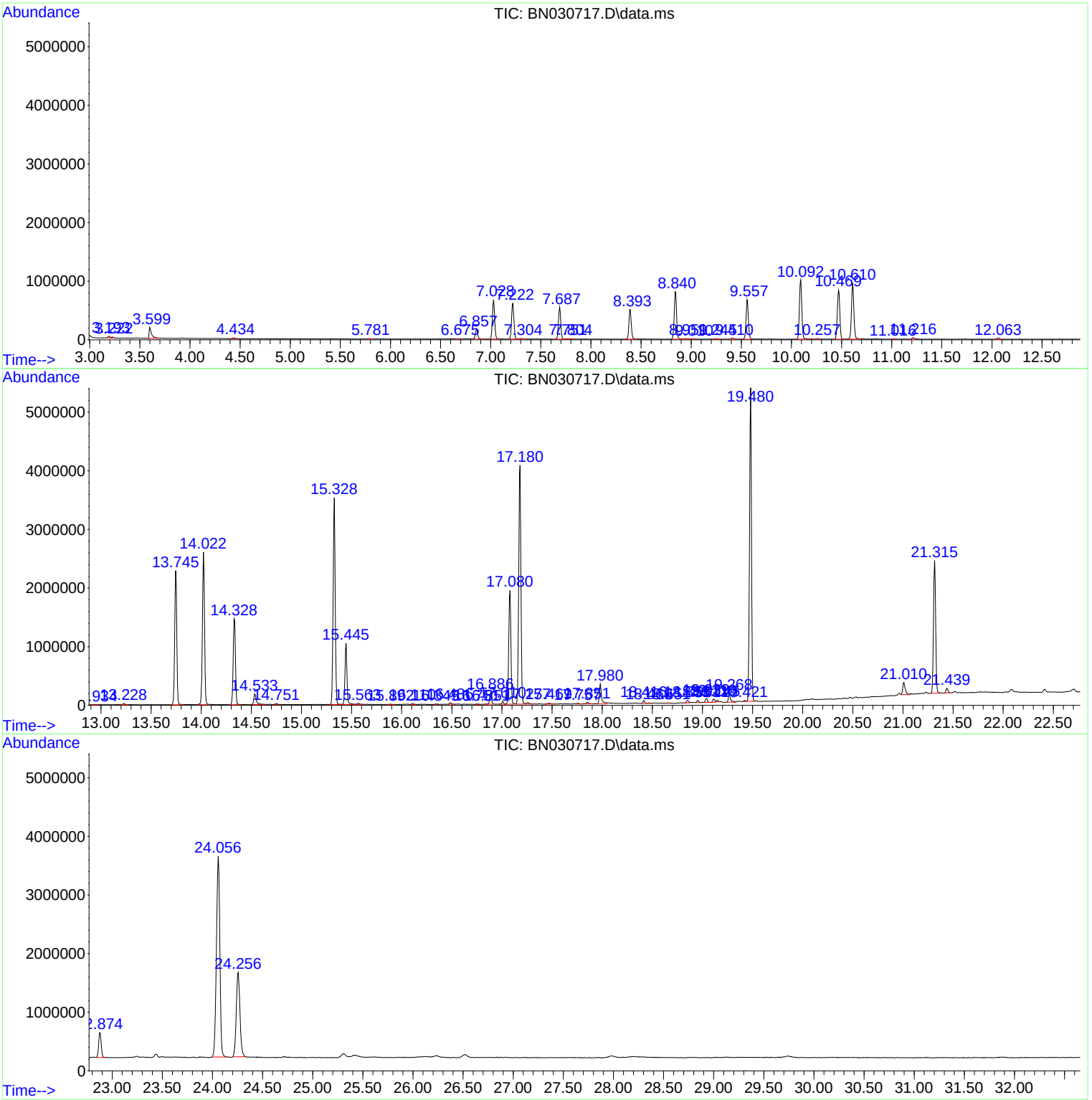
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

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



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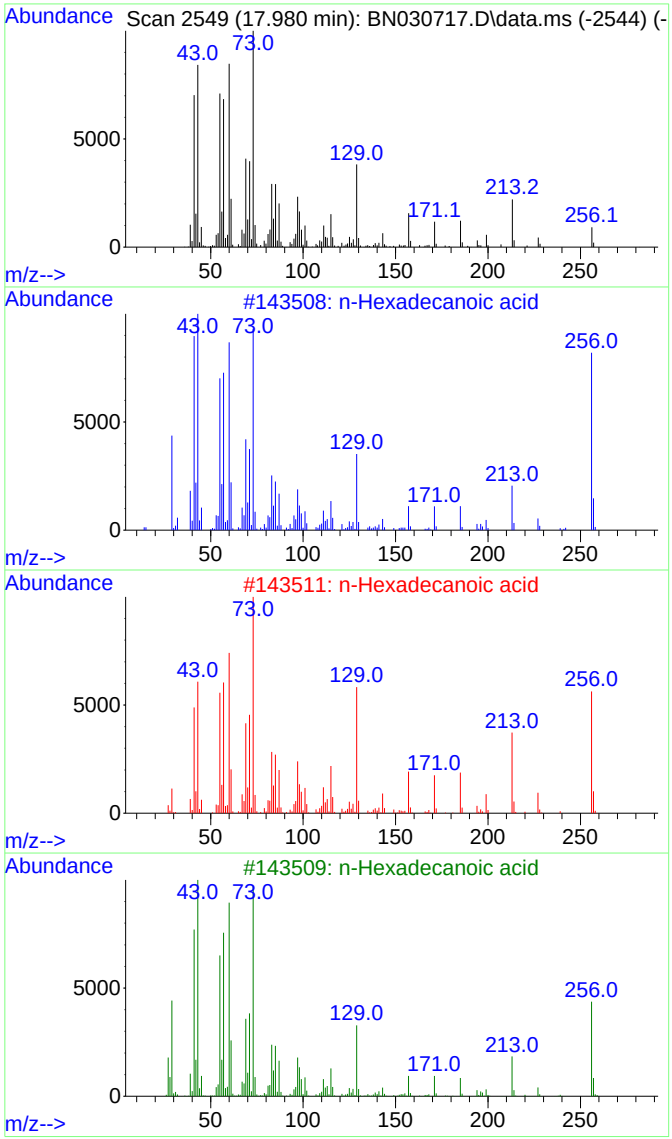
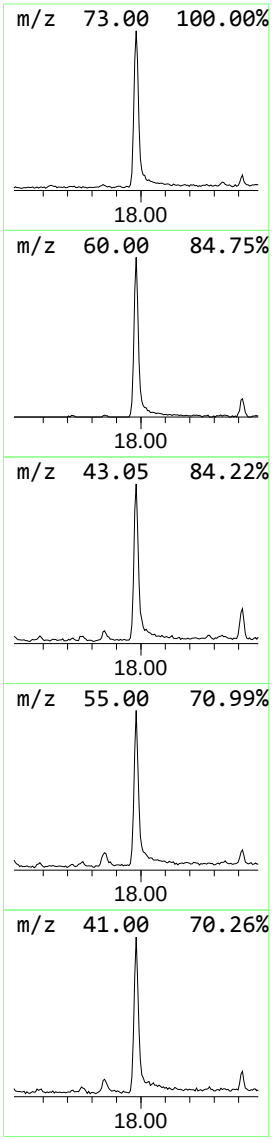
****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	3.50 ng/ul	496621	Phenanthrene-d10	17.080

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	99
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





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ClientSampleId :
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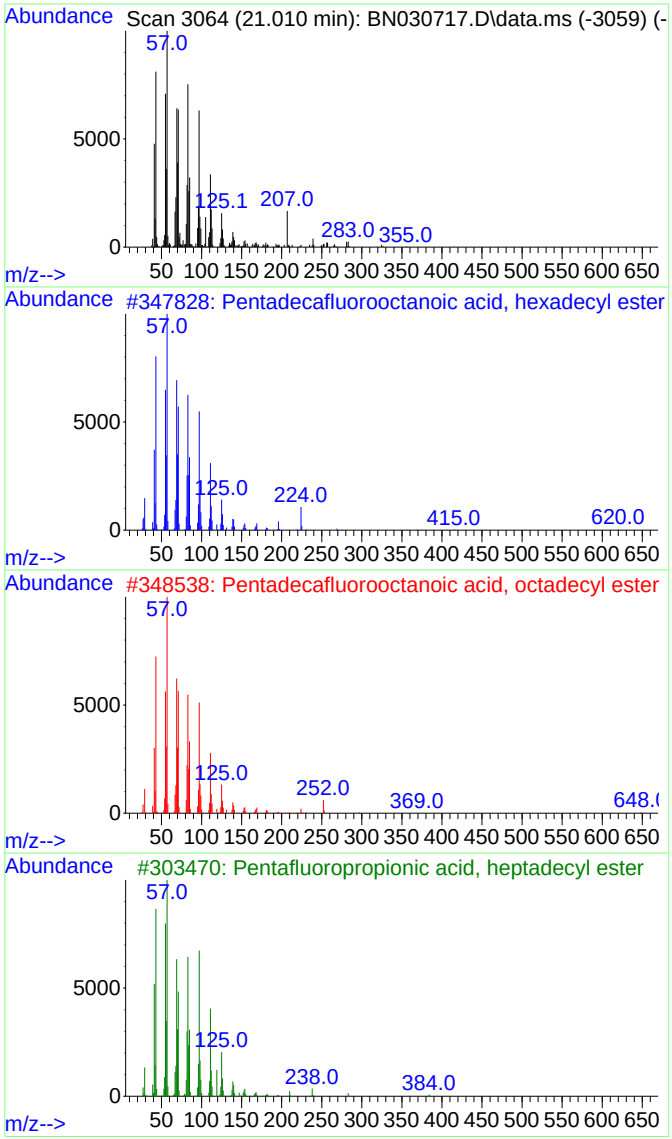
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

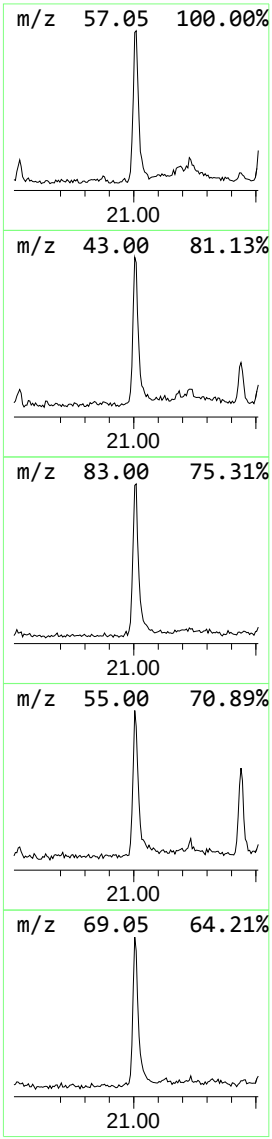
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	2.19 ng/ul	365559	Chrysene-d12	21.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	93
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
Quant Title : SVOA CALIBRATION

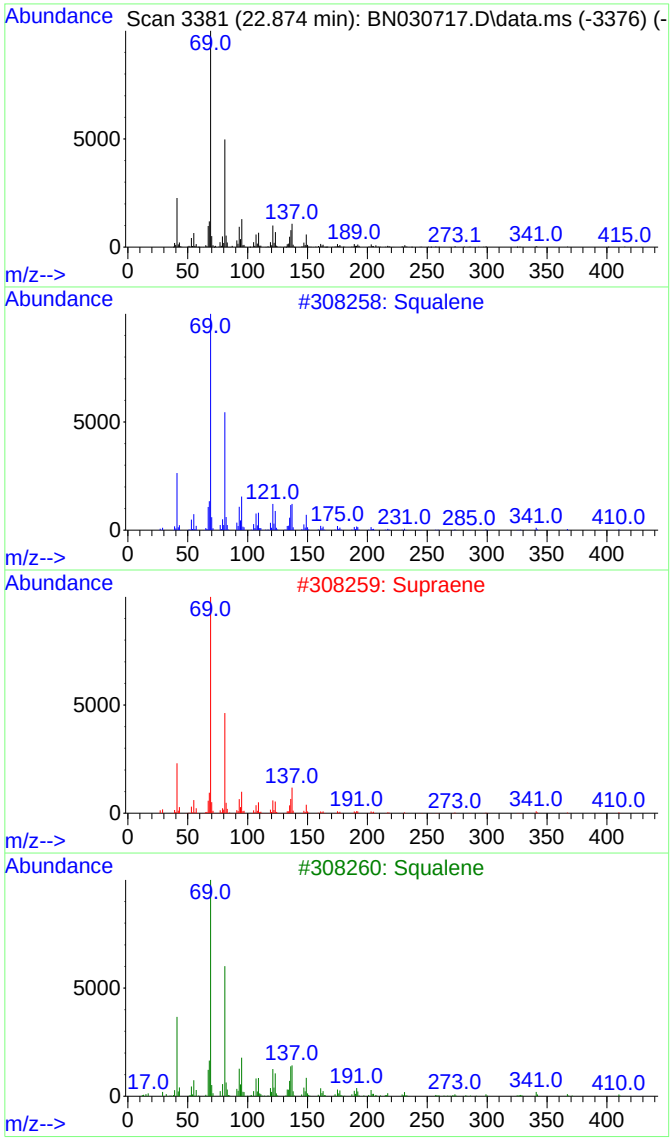
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

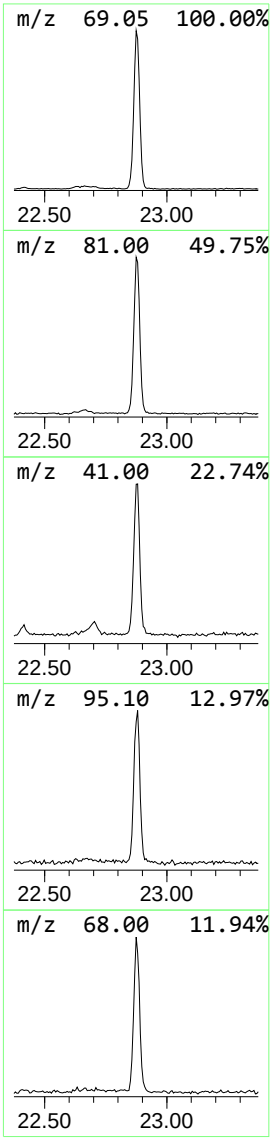
****

Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.874	4.11 ng/ul	750197	Perylene-d12	24.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	90
4	trans-Farnesol	222	C15H26O	000106-28-5	78
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.980	3.5	ng/ul	496621	4	17.080	2836380	20.0
Pentadecafluoro...	21.010	2.2	ng/ul	365559	5	21.315	3335990	20.0
Squalene	22.874	4.1	ng/ul	750197	6	24.256	3648540	20.0