LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020381.D
Acq On : 18 May 2019 00:57
Operator : JU/SJ
Sample : K2633-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GAJ99

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_M\METHODS\SOM-EPA-BM051619MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.222	38	40	48	rVB	21163	28903	1.84%	0.185%
2	4.275	216	219	231	rVB2	21460	39743	2.53%	0.255%
3	6.898	659	665	677	rBV	220224	395964	25.16%	2.539%
4	7.075	689	695	709	rBV	169313	289153	18.38%	1.854%
5	7.263	721	727	735	rBV	249028	399984	25.42%	2.565%
6	7.728	801	806	820	rVB	229295	388837	24.71%	2.494%
7	8.375	914	916	920	rBV3	1584	2292	0.15%	0.015%
8	8.434	920	926	942	rVV	253130	451603	28.70%	2.896%
9	8.898	999	1005	1018	rBV	214940	374062	23.77%	2.399%
10	8.986	1018	1020	1026	rVB3	3384	5223	0.33%	0.033%
11	9.239	1060	1063	1068	rVB2	3680	5158	0.33%	0.033%
12	9.616	1120	1127	1137	rBV	166268	289914	18.42%	1.859%
13	9.686	1137	1139	1142	rVB2	1455	1692	0.11%	0.011%
14	10.145	1211	1217	1227	rBV	265271	471580	29.97%	3.024%
15	10.522	1274	1281	1298	rBV	297110	498008	31.65%	3.194%
16	10.675	1300	1307	1323	rBV	201130	406799	25.85%	2.609%
17	12.133	1549	1555	1558	rVB4	1758	3106	0.20%	0.020%
18	13.792	1831	1837	1842	rBV	543677	750690	47.71%	4.814%
19	13.839	1842	1845	1856	rVB	141391	209679	13.32%	1.345%
20	14.074	1878	1885	1898	rBV	604612	873606	55.52%	5.603%
21	14.380	1930	1937	1948	rBV2	435353	662015	42.07%	4.246%
22	14.598	1967	1974	1986	rBV	75350	177831	11.30%	1.140%
23	15.216	2077	2079	2082	rBV2	2142	1811	0.12%	0.012%
24	15.380	2100	2107	2124	rBV	758093	1107021	70.35%	7.100%
25	15.504	2124	2128	2137	rVB	150256	213541	13.57%	1.370%
26	15.615	2142	2147	2155	rVB2	5406	7867	0.50%	0.050%
27	17.133	2399	2405	2416	rBV2	585329	815257	51.81%	5.228%
28	17.233	2416	2422	2435	rVV	851607	1182112	75.12%	7.581%
29	18.015	2550	2555	2568	rVV2	65945	104732	6.66%	0.672%
30	18.121	2571	2573	2577	rVB3	1939	2396	0.15%	0.015%
31	18.304	2602	2604	2606	rVV2	2160	2481	0.16%	0.016%
32	18.386	2616	2618	2623	rVV4	1383	2646	0.17%	0.017%
33	18.445	2625	2628	2630	rVV3	2032	2338	0.15%	0.015%
34	18.486	2631	2635	2636	rVB2	1843	2119	0.13%	0.014%

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Title : SVOA CALIBRATION

35	18.562	2645	2648	2650	rBV3	1449	1678	0.11%	0.011%
36	18.774	2680	2684	2686	rBV3	1633	2001	0.13%	0.013%
37	18.804	2686	2689	2690	rBV2	1622	1877	0.12%	0.012%
38	18.933	2709	2711	2712	rBV2	1976	1932	0.12%	0.012%
39	19.162	2746	2750	2755	rBV2	8080	12600	0.80%	0.081%
40	19.298	2770	2773	2780	rBV3	14018	22170	1.41%	0.142%
41	19.421	2791	2794	2797	rVB	5037	5916	0.38%	0.038%
42	19.445	2797	2798	2800	rBV2	2186	1599	0.10%	0.010%
43	19.533	2807	2813	2821	rBV	1137375	1492953	94.88%	9.575%
44	21.021	3062	3066	3073	rBV2	117556	192676	12.24%	1.236%
45	21.321	3112	3117	3129	rBV	749890	1027907	65.32%	6.592%
46	22.486	3312	3315	3321	rVB	54017	73925	4.70%	0.474%
47	23.444	3472	3478	3490	rVB	800782	1573576	100.00%	10.092%
48	23.591	3497	3503	3515	rVB	527624	1011613	64.29%	6.488%

Sum of corrected areas: 15592586

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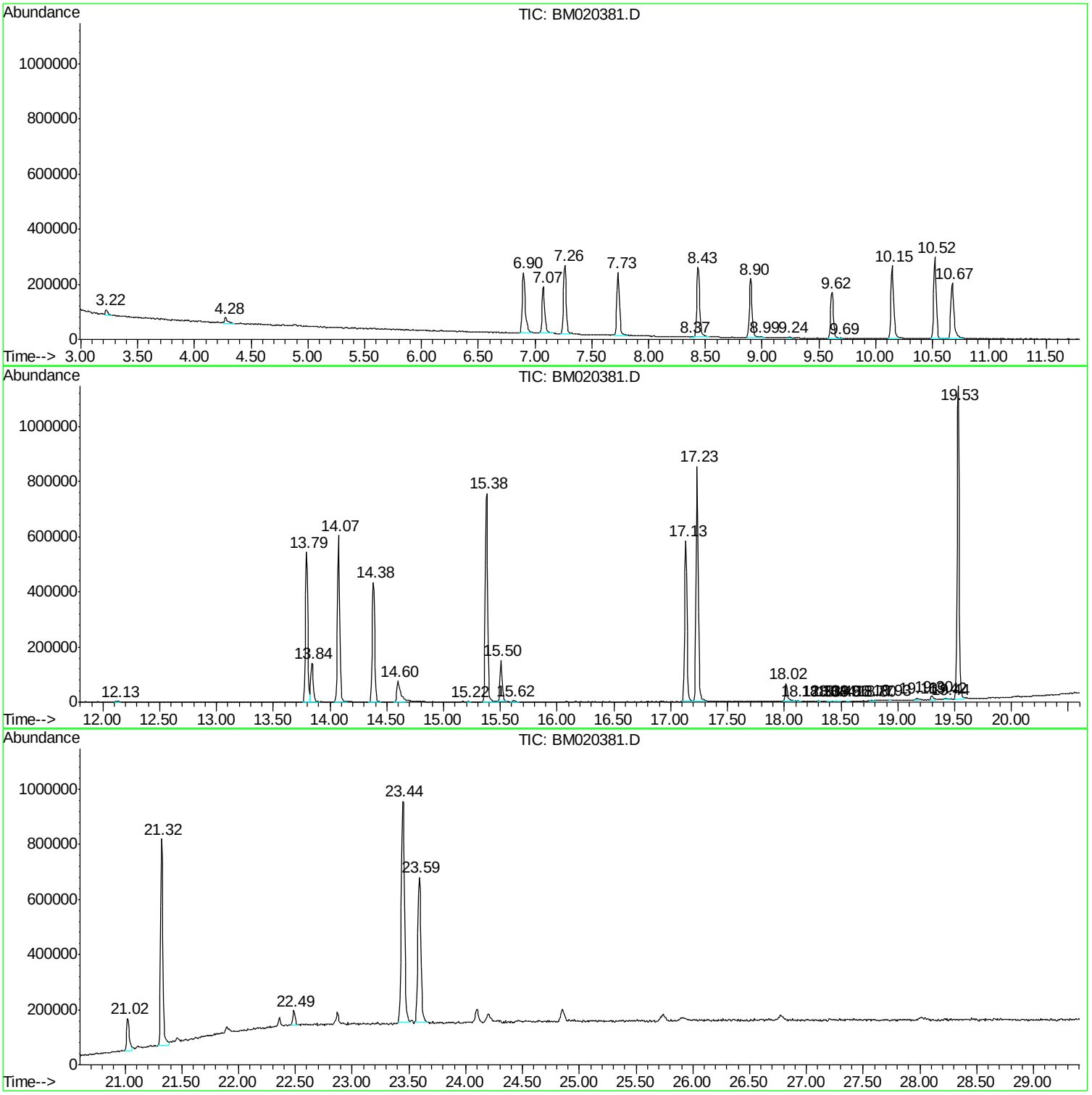
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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TIC Integration Parameters: LSCINT.P

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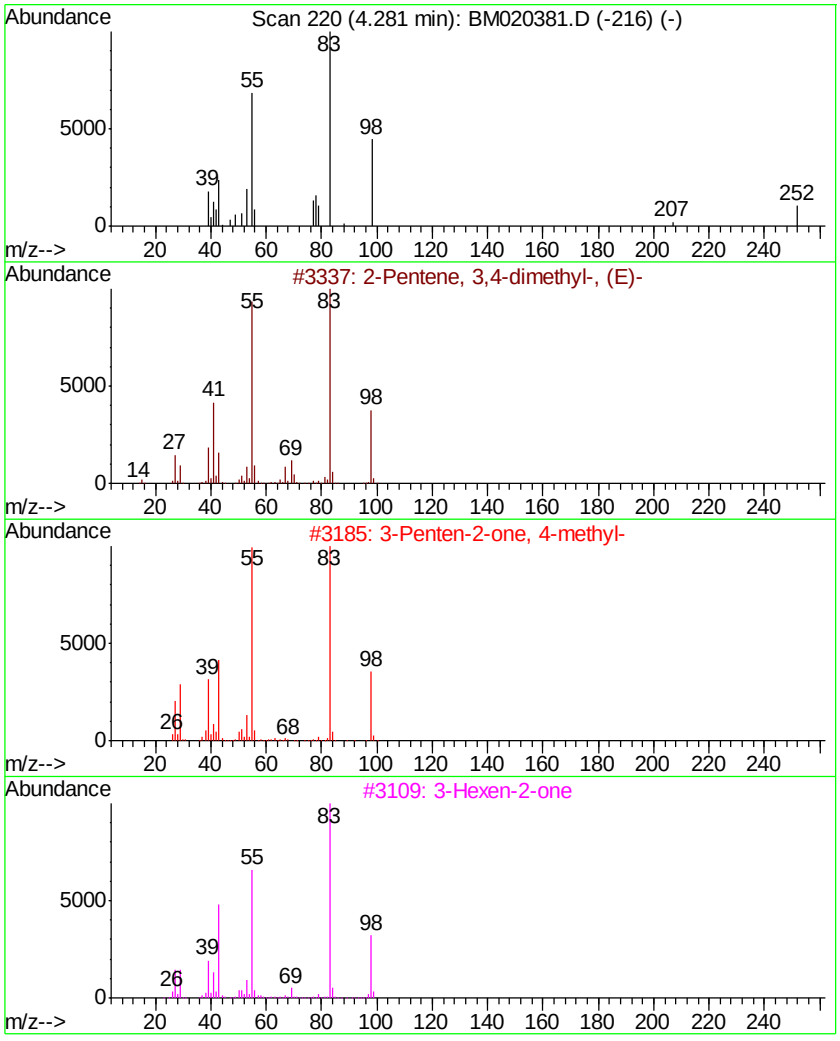
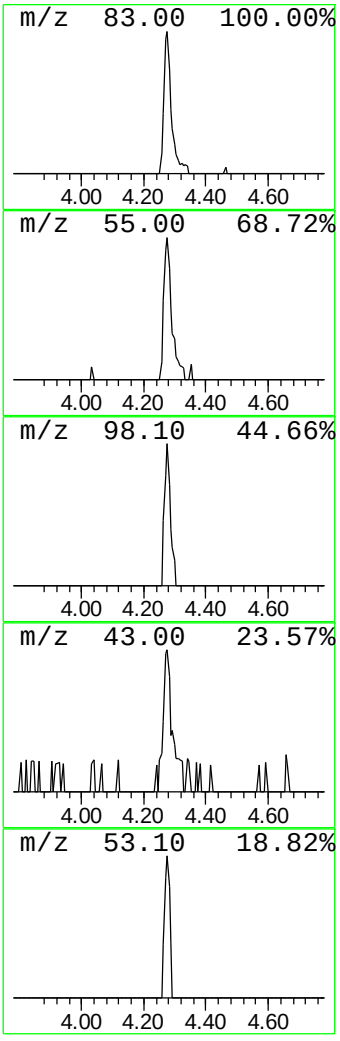
Peak Number 1 2-Pentene, 3,4-dimethyl-, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	2.04 ng/ul	39743	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	80
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	72





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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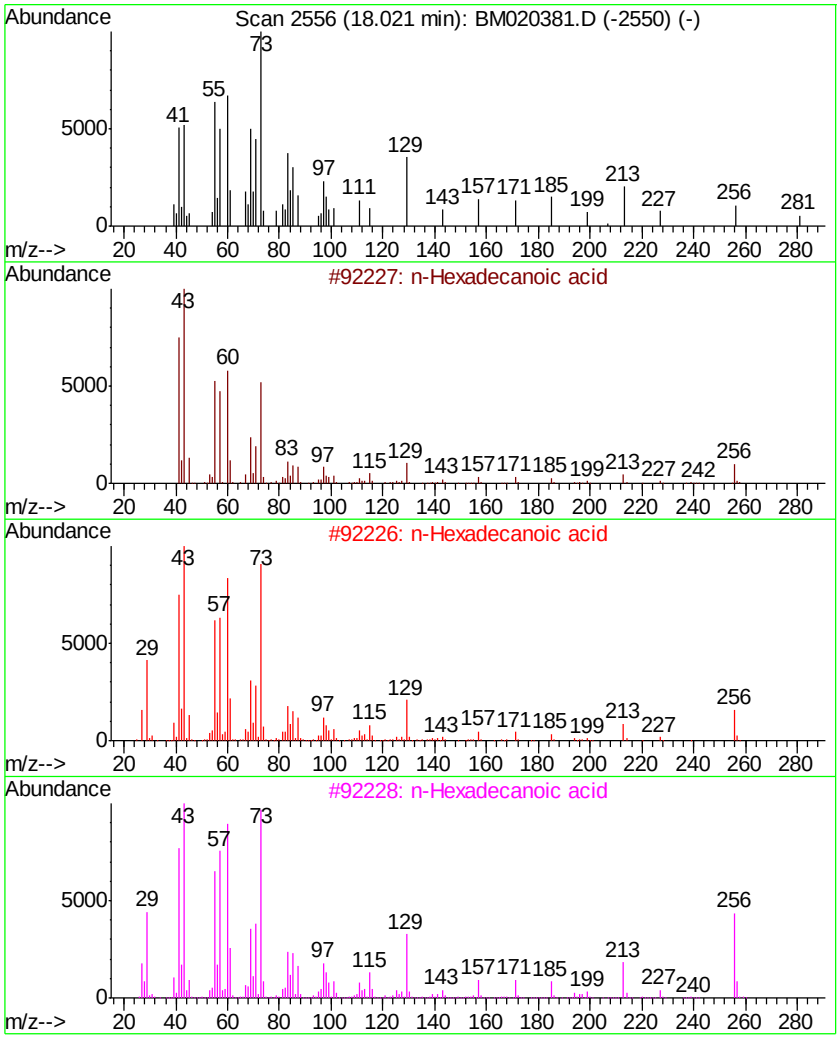
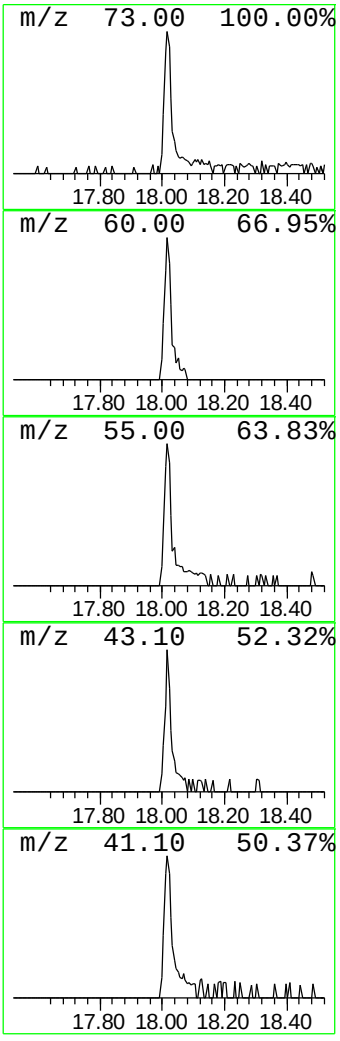
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.57 ng/ul	104732	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





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Quant Title : SVOA CALIBRATION

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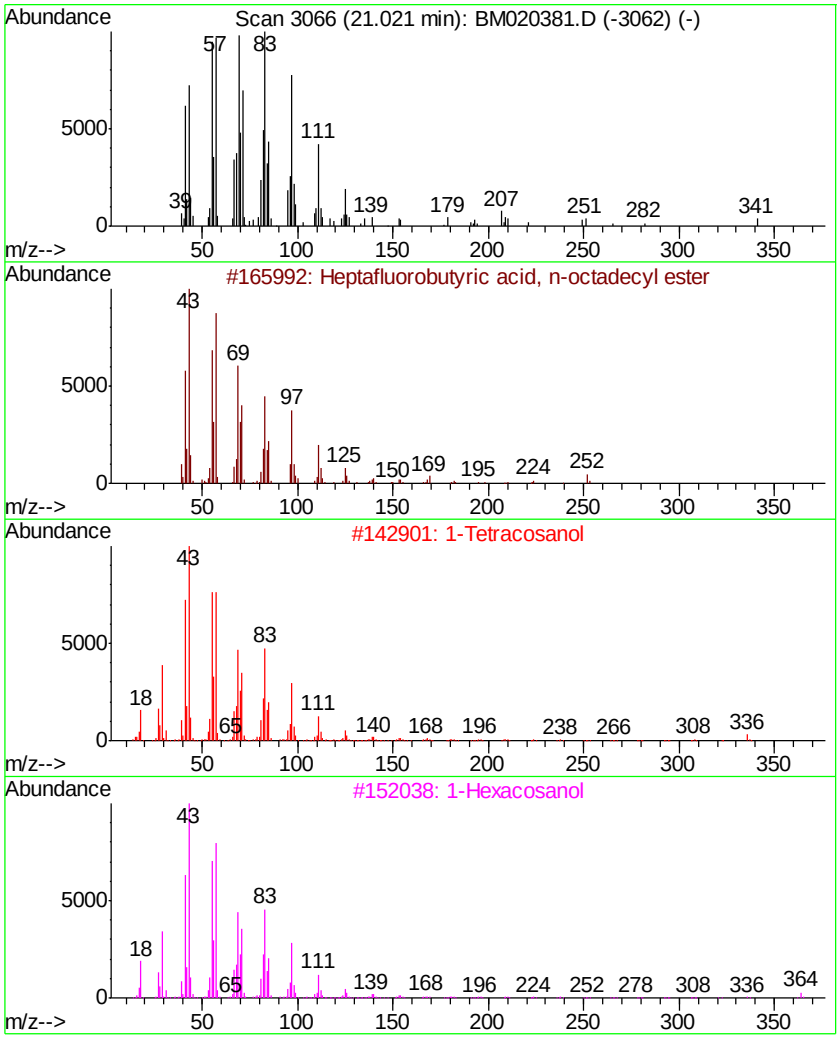
TIC Integration Parameters: LSCINT.P

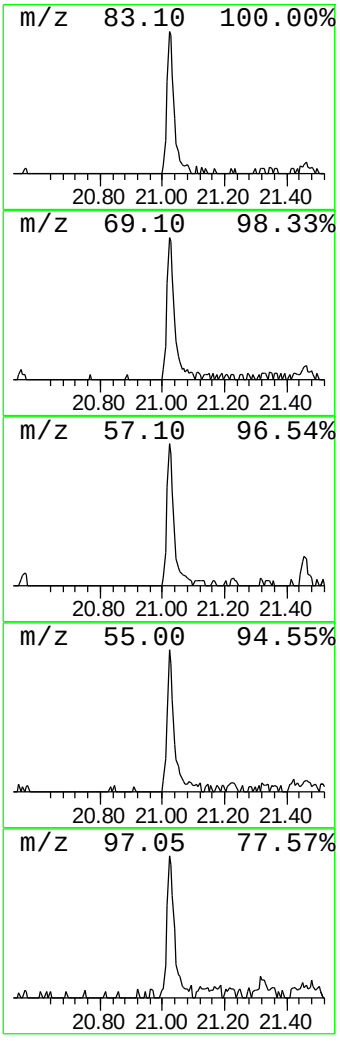
****

Peak Number 3 Heptafluorobutyric acid, n-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.75 ng/ul	192676	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	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
2-Pentene, 3,4-di...	4.28	2.0	ng/ul	39743	1	7.73	388837	20.0
n-Hexadecanoic acid	18.02	2.6	ng/ul	104732	4	17.13	815257	20.0
Heptafluorobutyri...	21.02	3.8	ng/ul	192676	5	21.32	1027910	20.0