LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023954.D
Acq On : 28 Nov 2019 16:04
Operator : JU
Sample : K5915-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS2

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-BM112719MA.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	3.034	23	25	41	rVB	95817	173321	1.81%	0.169%
2	3.546	110	112	117	rVB5	15629	16004	0.17%	0.016%
3	3.657	126	131	136	rVB	71726	109209	1.14%	0.107%
4	3.740	142	145	151	rVB	24883	33777	0.35%	0.033%
5	4.116	207	209	214	rVB6	12825	17417	0.18%	0.017%
6	4.645	295	299	303	rBV	71935	103350	1.08%	0.101%
7	5.498	439	444	445	rBV4	7514	9815	0.10%	0.010%
8	6.675	637	644	660	rBV	1407596	2393611	25.02%	2.338%
9	6.834	665	671	682	rBV	1133960	1819339	19.02%	1.777%
10	7.022	696	703	717	rBV	1525246	2466467	25.78%	2.409%
11	7.122	717	720	726	rVB7	9145	16080	0.17%	0.016%
12	7.486	775	782	792	rBV	1632537	2632293	27.51%	2.571%
13	7.569	792	796	805	rVB6	15621	31187	0.33%	0.030%
14	8.204	897	904	918	rBV	1678868	2840194	29.69%	2.774%
15	8.316	918	923	933	rVB	74798	143373	1.50%	0.140%
16	8.639	969	978	988	rBV	1290721	2199832	22.99%	2.149%
17	8.816	1003	1008	1012	rBV5	8826	12874	0.13%	0.013%
18	9.086	1049	1054	1059	rVB	24808	39967	0.42%	0.039%
19	9.351	1092	1099	1116	rBV	1023672	1790999	18.72%	1.749%
20	9.892	1184	1191	1201	rBV	1666060	2904214	30.35%	2.837%
21	10.257	1246	1253	1266	rVB	2279411	3690271	38.57%	3.605%
22	10.404	1271	1278	1297	rBV	1298972	2534920	26.49%	2.476%
23	10.527	1297	1299	1307	rVB6	7308	12503	0.13%	0.012%
24	11.869	1521	1527	1536	rVB2	27352	55640	0.58%	0.054%
25	12.492	1628	1633	1638	rBV5	8002	12032	0.13%	0.012%
26	12.751	1672	1677	1683	rBV5	9517	15695	0.16%	0.015%
27	13.063	1722	1730	1735	rBV9	6997	15520	0.16%	0.015%
28	13.480	1798	1801	1804	rVB5	7865	10333	0.11%	0.010%
29	13.568	1810	1816	1820	rBV	3018509	4286116	44.80%	4.187%
30	13.616	1820	1824	1835	rVB	1412088	1963993	20.53%	1.918%
31	13.833	1853	1861	1875	rBV	3628017	5318245	55.59%	5.195%
32	14.080	1898	1903	1907	rBV6	6862	10333	0.11%	0.010%
33	14.145	1907	1914	1925	rBV	3367739	4919467	51.42%	4.805%
34	14.257	1930	1933	1937	rVB5	8720	11479	0.12%	0.011%

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Instrument : BNA_M
ClientSampleId : JLNS2

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-BM112719MA.M
Title : SVOA CALIBRATION

35	14.374	1947	1953	1976	rBV	773397	1571623	16.43%	1.535%
36	14.598	1984	1991	2000	rBV3	149754	306760	3.21%	0.300%
37	14.721	2005	2012	2016	rVV5	31475	50302	0.53%	0.049%
38	14.974	2051	2055	2058	rBV	13709	20666	0.22%	0.020%
39	15.033	2062	2065	2068	rVB3	12753	13794	0.14%	0.013%
40	15.145	2078	2084	2094	rBV	4781851	6663616	69.65%	6.509%
41	15.286	2102	2108	2121	rBV	1071375	1585656	16.57%	1.549%
42	15.386	2121	2125	2131	rVB2	53068	81516	0.85%	0.080%
43	15.586	2156	2159	2165	rVB4	15743	21143	0.22%	0.021%
44	15.645	2166	2169	2175	rBV7	6414	10581	0.11%	0.010%
45	15.786	2189	2193	2197	rBV5	17685	24951	0.26%	0.024%
46	15.857	2200	2205	2206	rVV5	6239	10619	0.11%	0.010%
47	15.898	2208	2212	2214	rVV5	14298	24305	0.25%	0.024%
48	15.933	2215	2218	2222	rVB4	21605	31105	0.33%	0.030%
49	16.062	2237	2240	2245	rBV7	11763	15752	0.16%	0.015%
50	16.339	2282	2287	2289	rBV5	16120	20898	0.22%	0.020%
51	16.580	2324	2328	2333	rVB7	11464	17503	0.18%	0.017%
52	16.692	2343	2347	2352	rBV2	25515	34710	0.36%	0.034%
53	16.898	2376	2382	2392	rBV	4070435	5598900	58.52%	5.469%
54	16.998	2392	2399	2413	rVV2	5009037	7129294	74.51%	6.964%
55	17.115	2415	2419	2429	rVB7	51971	97689	1.02%	0.095%
56	17.315	2449	2453	2460	rBV6	38123	66577	0.70%	0.065%
57	17.433	2469	2473	2476	rBV5	8062	9754	0.10%	0.010%
58	17.603	2500	2502	2506	rVB3	15105	16649	0.17%	0.016%
59	17.698	2512	2518	2522	rBV6	26650	53162	0.56%	0.052%
60	17.821	2534	2539	2548	rBV	537979	869066	9.08%	0.849%
61	18.121	2586	2590	2595	rBV8	18772	29721	0.31%	0.029%
62	18.192	2598	2602	2607	rVV	56405	74142	0.77%	0.072%
63	18.256	2609	2613	2616	rVB3	43709	53767	0.56%	0.053%
64	18.386	2631	2635	2640	rVB7	22511	31743	0.33%	0.031%
65	18.939	2725	2729	2732	rBV	48381	64563	0.67%	0.063%
66	18.968	2732	2734	2737	rVV2	19063	16796	0.18%	0.016%
67	19.115	2755	2759	2768	rBV2	168508	285293	2.98%	0.279%
68	19.192	2768	2772	2776	rVB	60801	80587	0.84%	0.079%
69	19.303	2785	2791	2802	rBV	6280995	8407989	87.88%	8.213%
70	19.550	2829	2833	2840	rBV	54405	84200	0.88%	0.082%
71	19.762	2865	2869	2874	rBV	114091	142085	1.49%	0.139%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Title : SVOA CALIBRATION

72	19.886	2888	2890	2892	rVB3	31393	24119	0.25%	0.024%
73	20.850	3049	3054	3062	rBV	648277	971635	10.16%	0.949%
74	21.103	3092	3097	3108	rBV	4931776	6552421	68.48%	6.401%
75	21.709	3197	3200	3209	rBV	345478	491911	5.14%	0.481%
76	22.150	3272	3275	3279	rVB	255837	284939	2.98%	0.278%
77	22.268	3292	3295	3300	rVB	547759	667812	6.98%	0.652%
78	22.633	3354	3357	3361	rVB	386510	480063	5.02%	0.469%
79	23.115	3432	3439	3445	rBV	5520080	9567766	100.00%	9.346%
80	23.250	3455	3462	3469	rBV	3986861	7104534	74.25%	6.940%

Sum of corrected areas: 102372547

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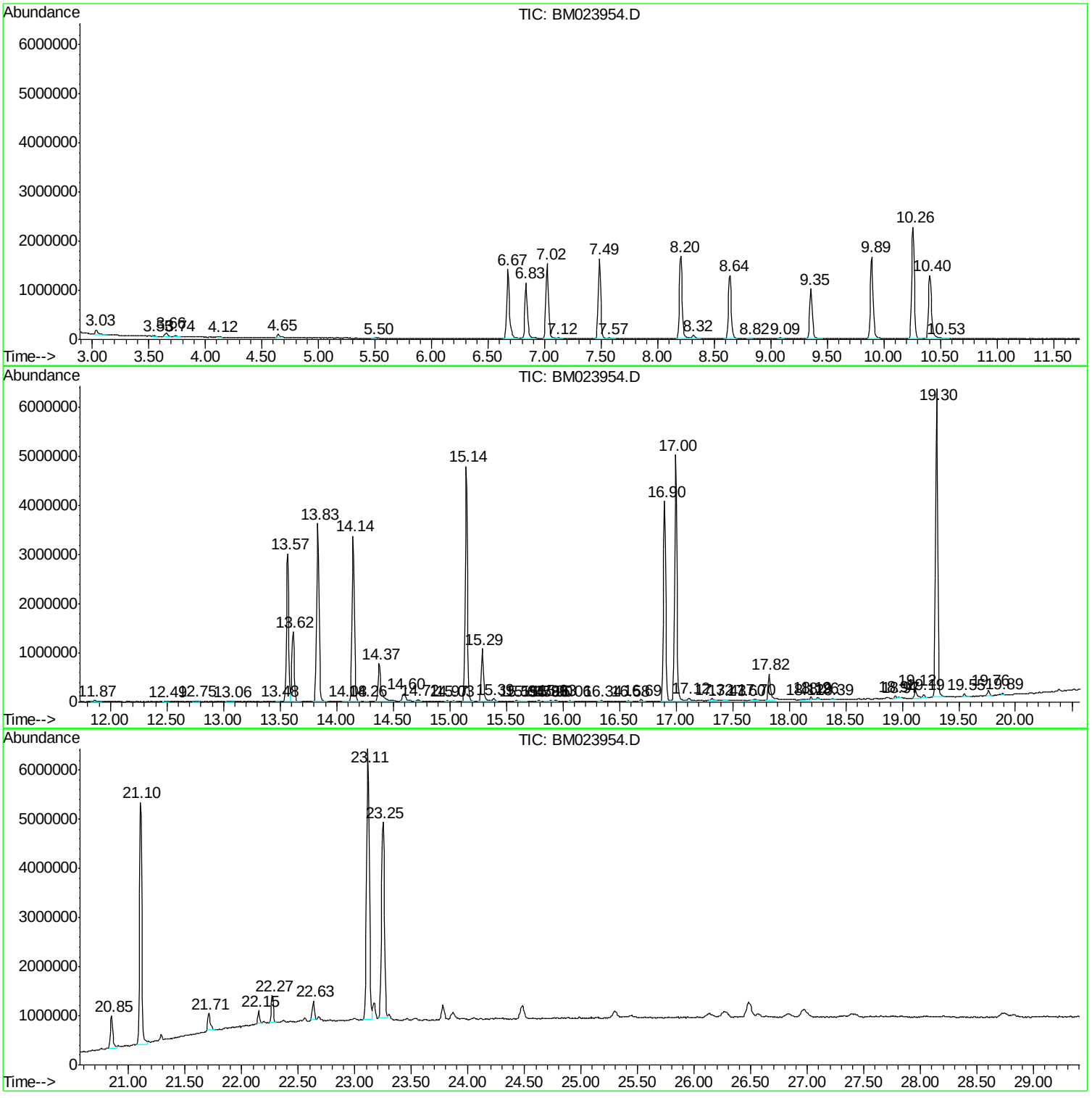
Instrument :
BNA_M
ClientSampleId :
JLNS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023954.D
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Operator : JU
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Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNS2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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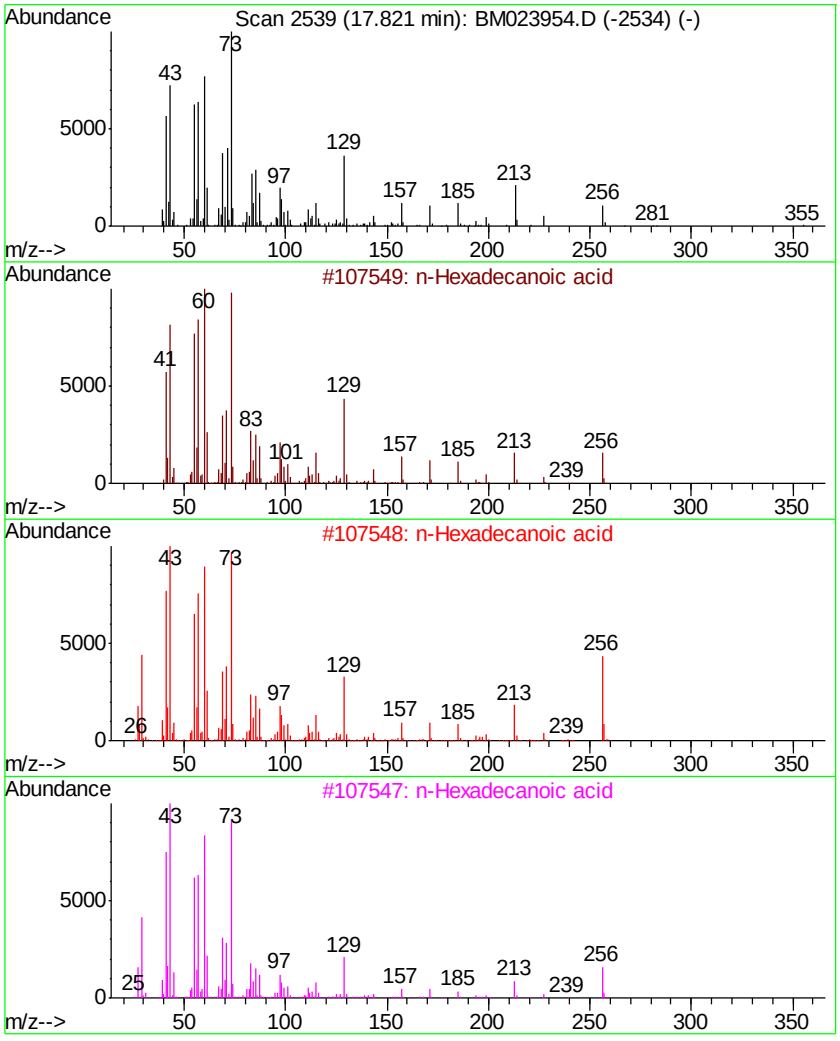
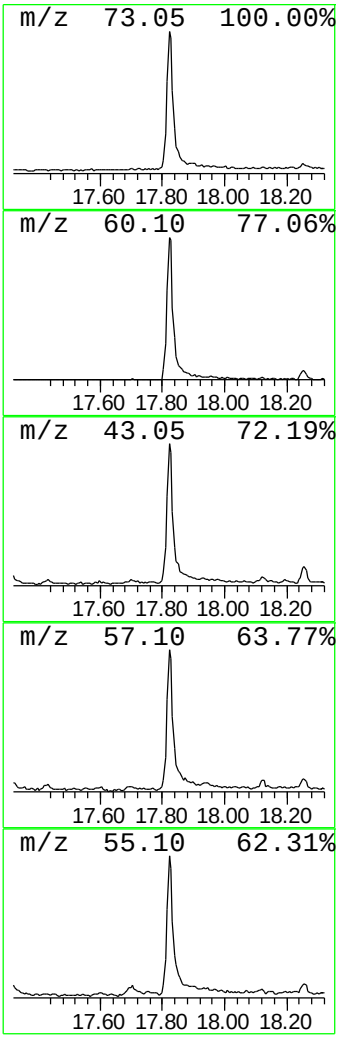
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	3.10 ng/ul	869066	Phenanthrene-d10	16.90

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	96
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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Quant Title : SVOA CALIBRATION

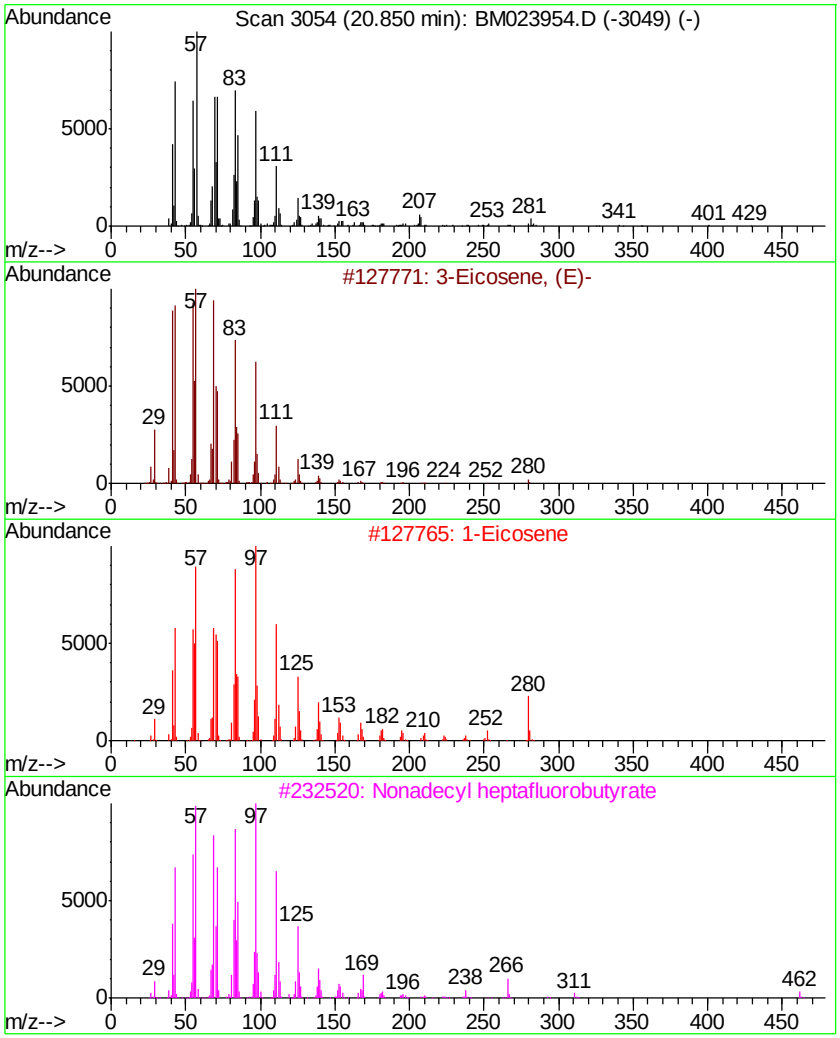
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

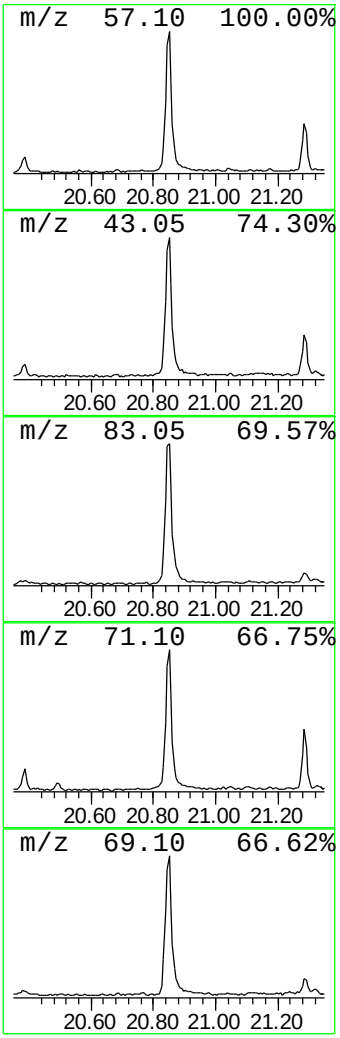
****

Peak Number 2 (DEL) Alkane: Cyclic20.85 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	2.97 ng/ul	971635	Chrysene-d12	21.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	1-Eicosene	280	C20H40	003452-07-1	95
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	17.82	3.1	ng/ul	869066	4	16.90	5598900	20.0
(DEL) Alkane: Cyc...	20.85	3.0	ng/ul	971635	5	21.10	6552420	20.0