LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027046.D
Acq On : 12 Aug 2020 13:39
Operator : JU/CG
Sample : L3612-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBFN0

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-BM080720MA.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	3.199	34	36	40	rVB	10939	12422	0.87%	0.083%
2	3.346	59	61	66	rVB5	1623	2179	0.15%	0.015%
3	3.451	76	79	81	rBV4	1522	1994	0.14%	0.013%
4	3.516	89	90	95	rVB3	1572	1533	0.11%	0.010%
5	3.698	119	121	124	rBV3	1525	1629	0.11%	0.011%
6	3.828	138	143	148	rBV	22132	31492	2.20%	0.212%
7	3.916	152	158	162	rBV	6609	9386	0.65%	0.063%
8	4.134	191	195	199	rVB2	8897	11685	0.82%	0.079%
9	4.275	216	219	222	rBV5	1630	2325	0.16%	0.016%
10	4.534	258	263	266	rBV4	4904	6606	0.46%	0.044%
11	4.804	304	309	315	rBV	12816	18424	1.29%	0.124%
12	5.228	377	381	386	rBV4	953	1737	0.12%	0.012%
13	5.363	401	404	407	rBV3	1754	1805	0.13%	0.012%
14	5.398	407	410	415	rBV4	1591	2175	0.15%	0.015%
15	5.957	501	505	508	rVB4	1084	1827	0.13%	0.012%
16	6.539	599	604	606	rVV2	1179	2234	0.16%	0.015%
17	6.822	643	652	660	rBV	190267	302810	21.13%	2.034%
18	6.981	673	679	687	rVB	164769	252052	17.59%	1.693%
19	7.181	706	713	723	rVB	222557	338303	23.61%	2.273%
20	7.292	728	732	737	rVB4	2915	4296	0.30%	0.029%
21	7.639	784	791	799	rBV	402063	625570	43.65%	4.203%
22	8.345	904	911	920	rBV	236078	363845	25.39%	2.444%
23	8.457	924	930	935	rBV2	5844	9191	0.64%	0.062%
24	8.781	978	985	995	rBV	190337	305431	21.31%	2.052%
25	9.498	1102	1107	1118	rVB	136006	220739	15.40%	1.483%
26	9.704	1137	1142	1145	rVB4	1560	3080	0.21%	0.021%
27	10.039	1192	1199	1207	rBV	241437	385271	26.89%	2.588%
28	10.416	1255	1263	1270	rBV	466815	778623	54.33%	5.231%
29	10.545	1279	1285	1298	rVB	204550	342418	23.89%	2.300%
30	11.927	1517	1520	1523	rBV	1271	1763	0.12%	0.012%
31	12.010	1530	1534	1538	rVB4	2636	4588	0.32%	0.031%
32	12.645	1637	1642	1644	rBV4	1403	1526	0.11%	0.010%
33	12.898	1678	1685	1692	rBV4	2343	2975	0.21%	0.020%
34	13.192	1731	1735	1740	rBV4	2598	3757	0.26%	0.025%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Title : SVOA CALIBRATION

35	13.692	1814	1820	1824	rBV	417951	581970	40.61%	3.910%
36	13.733	1824	1827	1835	rVB	96863	132162	9.22%	0.888%
37	13.963	1860	1866	1875	rBV	419939	607547	42.40%	4.082%
38	14.274	1911	1919	1927	rBV	712273	1020400	71.21%	6.855%
39	14.468	1946	1952	1963	rBV	125044	188997	13.19%	1.270%
40	14.698	1989	1991	1995	rBV3	1543	1702	0.12%	0.011%
41	15.104	2057	2060	2063	rVB3	1958	2533	0.18%	0.017%
42	15.268	2082	2088	2095	rBV	574971	789223	55.07%	5.302%
43	15.386	2102	2108	2115	rBV	115308	155597	10.86%	1.045%
44	15.515	2126	2130	2134	rBV3	5240	7000	0.49%	0.047%
45	16.057	2219	2222	2224	rBV3	1412	1821	0.13%	0.012%
46	16.286	2257	2261	2263	rBV2	1548	1677	0.12%	0.011%
47	16.486	2292	2295	2296	rBV2	1491	1535	0.11%	0.010%
48	16.804	2345	2349	2350	rBV4	3342	4235	0.30%	0.028%
49	17.015	2379	2385	2391	rVV	840186	1175232	82.01%	7.895%
50	17.115	2395	2402	2409	rBV	586332	805249	56.19%	5.410%
51	17.327	2436	2438	2441	rVB3	1858	1446	0.10%	0.010%
52	17.421	2451	2454	2457	rVB5	1646	1860	0.13%	0.012%
53	17.521	2468	2471	2472	rBV3	2630	2232	0.16%	0.015%
54	17.551	2475	2476	2479	rVB2	2171	1786	0.12%	0.012%
55	17.586	2481	2482	2487	rBV4	1435	2068	0.14%	0.014%
56	17.662	2491	2495	2496	rBV3	2003	2466	0.17%	0.017%
57	17.715	2503	2504	2508	rVB4	1610	1610	0.11%	0.011%
58	17.821	2520	2522	2525	rBV3	1262	1693	0.12%	0.011%
59	17.933	2537	2541	2547	rVV	50923	66829	4.66%	0.449%
60	18.003	2549	2553	2558	rVV2	7350	11349	0.79%	0.076%
61	18.080	2562	2566	2570	rVB5	2321	3910	0.27%	0.026%
62	18.180	2580	2583	2584	rBV3	2369	2539	0.18%	0.017%
63	18.192	2584	2585	2589	rVV3	2590	2144	0.15%	0.014%
64	18.462	2629	2631	2633	rBV2	2169	2376	0.17%	0.016%
65	18.709	2671	2673	2675	rBV3	2084	2251	0.16%	0.015%
66	18.774	2683	2684	2687	rBV2	2578	2590	0.18%	0.017%
67	18.809	2687	2690	2694	rVV6	4771	6992	0.49%	0.047%
68	19.045	2728	2730	2733	rBV3	4634	6741	0.47%	0.045%
69	19.227	2756	2761	2766	rBV5	19317	29671	2.07%	0.199%
70	19.374	2784	2786	2787	rBV2	4479	3590	0.25%	0.024%
71	19.415	2787	2793	2799	rVV	707753	919806	64.19%	6.179%

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Title : SVOA CALIBRATION

72	19.997	2890	2892	2896	rBV5	6926	7697	0.54%	0.052%
73	20.497	2975	2977	2981	rVB4	12518	14921	1.04%	0.100%
74	20.956	3051	3055	3063	rBV3	124457	187571	13.09%	1.260%
75	21.215	3094	3099	3104	rBV	1089776	1352418	94.38%	9.086%
76	21.403	3129	3131	3135	rVB4	32928	34194	2.39%	0.230%
77	21.838	3201	3205	3212	rBV2	60776	87971	6.14%	0.591%
78	22.291	3280	3282	3286	rVB2	58980	56523	3.94%	0.380%
79	22.791	3364	3367	3374	rVB	108579	154135	10.76%	1.035%
80	23.274	3443	3449	3457	rBV	549426	948180	66.17%	6.370%
81	23.415	3467	3473	3482	rVB2	784311	1433017	100.00%	9.627%

Sum of corrected areas: 14885147

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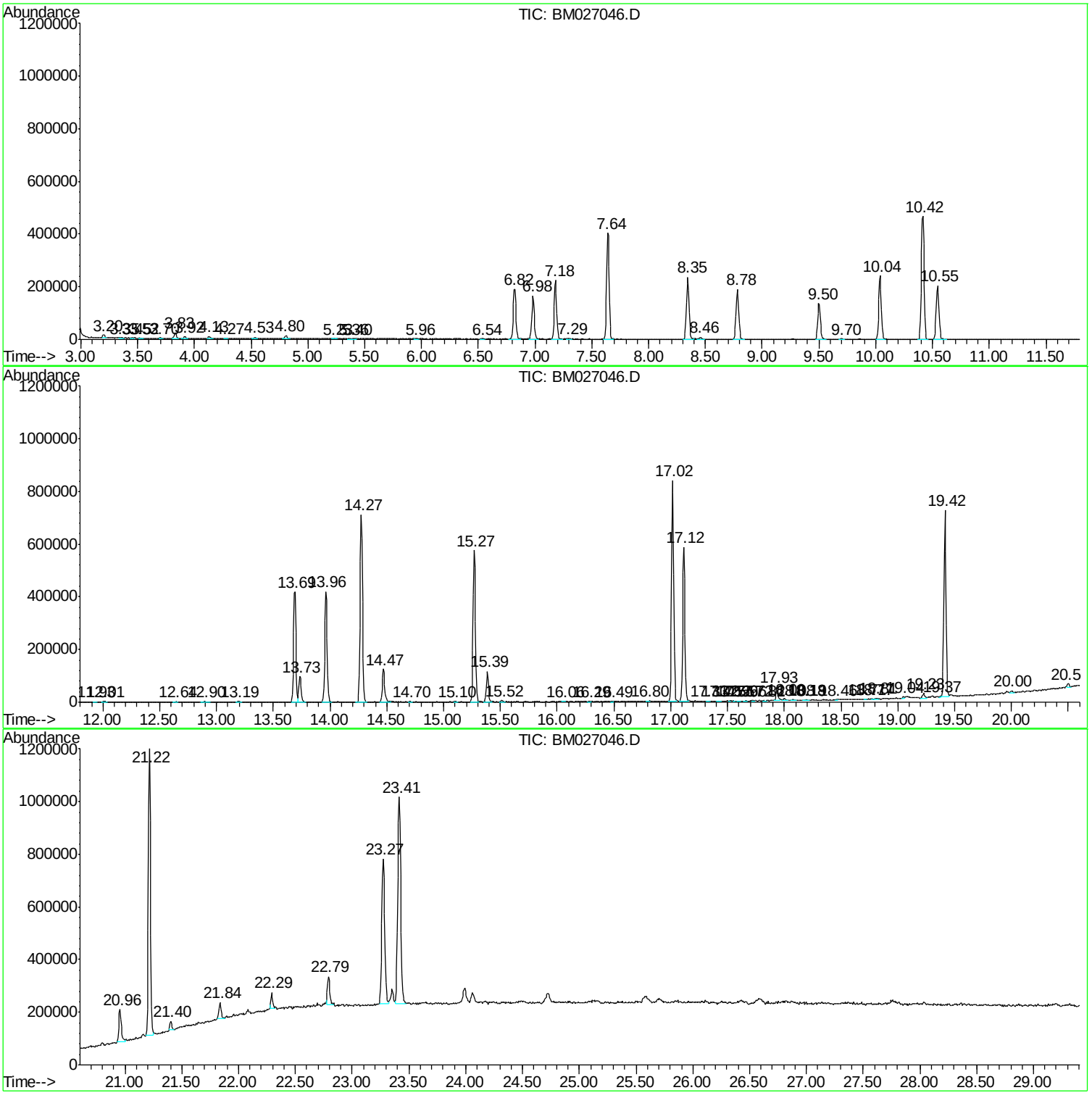
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
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Operator : JU/CG
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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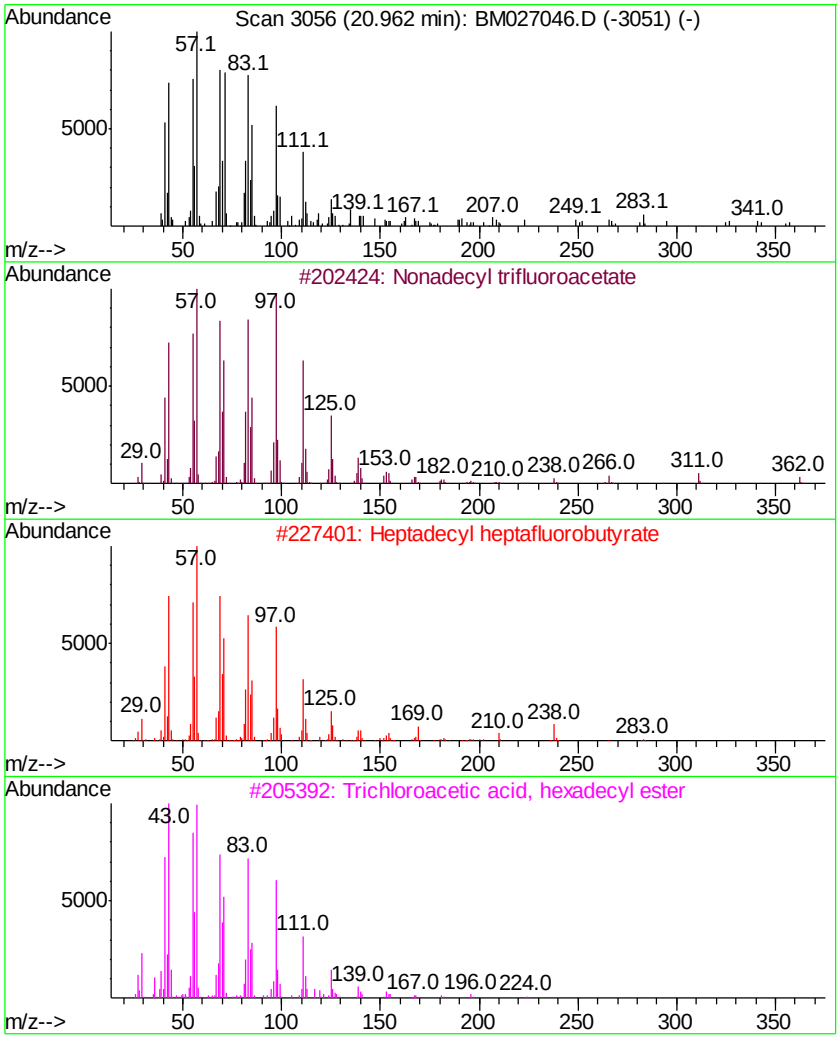
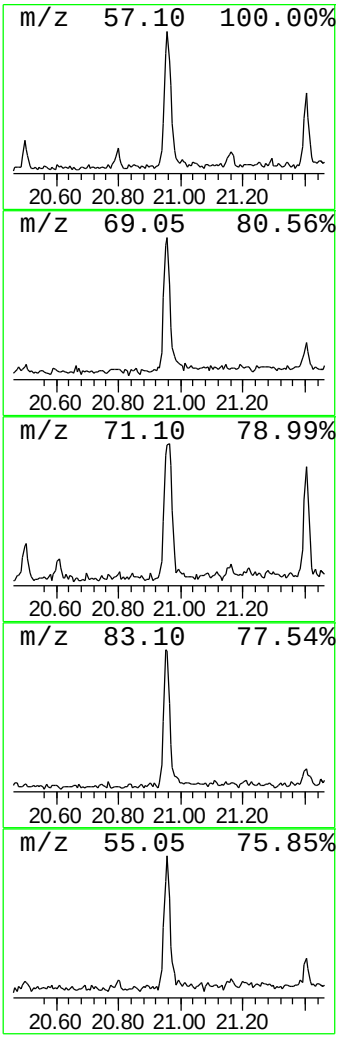
Peak Number 1 Nonadecyl trifluoroacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	2.77 ng/ul	187571	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	78
5	Octacosanol	410	C28H58O	000557-61-9	76





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Instrument : BNA_M
ClientSampleId : DBFN0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

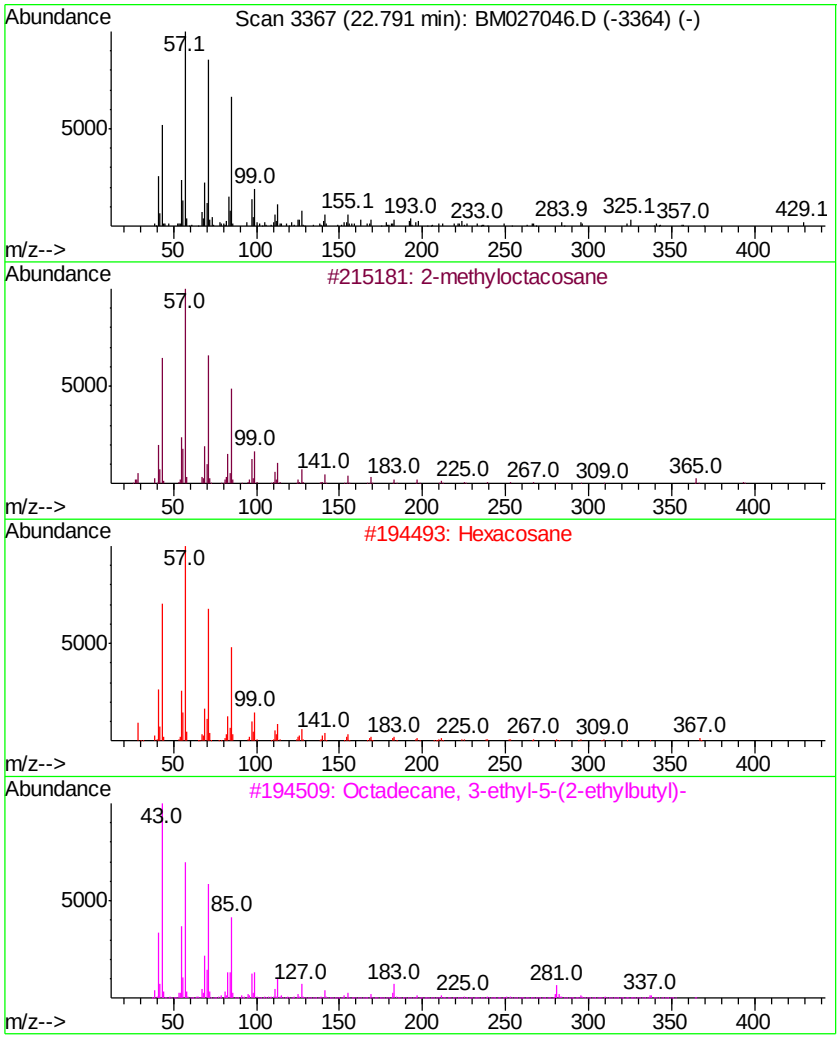
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

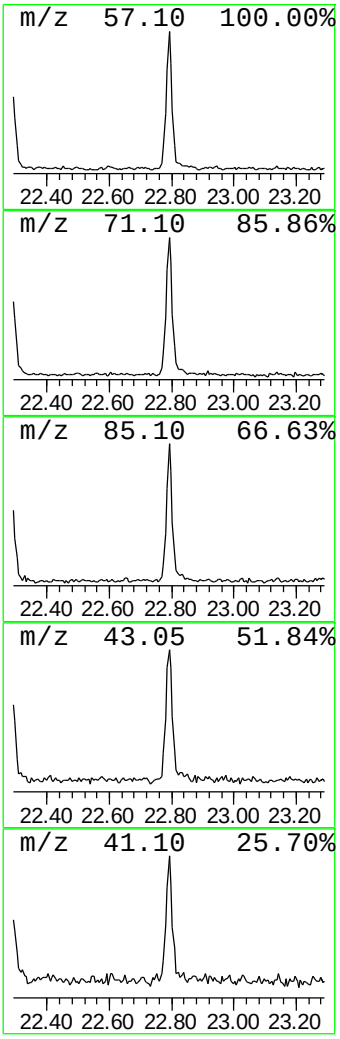
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.15 ng/ul	154135	Perylene-d12	23.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	86
4	2-methyltetracosane	352	C25H52	1000376-72-6	86
5	Octadecane	254	C18H38	000593-45-3	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonadecyl trifluo...	20.96	2.8	ng/ul	187571	5	21.22	1352420	20.0
(DEL) Alkane: Str...	22.79	2.1	ng/ul	154135	6	23.41	1433020	20.0