LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021916\
Data File : BM004284.D
Acq On : 19 Feb 2016 13:43
Operator : SJ/UM
Sample : H1497-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S11-0003

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.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	2.746	6	10	20	rBV	23704	39136	6.24%	0.637%
2	2.828	20	24	29	rVB	5560	7259	1.16%	0.118%
3	3.087	66	68	71	rBV	2106	2184	0.35%	0.036%
4	3.916	206	209	212	rBB	624	671	0.11%	0.011%
5	6.822	698	703	712	rBB	47519	76879	12.26%	1.251%
6	6.969	723	728	735	rBB	45146	68085	10.86%	1.108%
7	7.169	757	762	769	rBB	57171	84906	13.54%	1.381%
8	7.628	835	840	847	rBB	65849	102272	16.31%	1.664%
9	8.357	959	964	974	rBB	75628	119395	19.04%	1.942%
10	8.792	1032	1038	1046	rBB	55080	86554	13.80%	1.408%
11	9.510	1155	1160	1167	rBB	45472	73457	11.72%	1.195%
12	10.057	1248	1253	1264	rBB	74578	122177	19.49%	1.987%
13	10.416	1308	1314	1322	rBB	111163	183743	29.31%	2.989%
14	10.569	1334	1340	1355	rBB	72953	122960	19.61%	2.000%
15	12.022	1585	1587	1590	rBB	844	906	0.14%	0.015%
16	13.186	1782	1785	1788	rBB	1359	1328	0.21%	0.022%
17	13.710	1868	1874	1878	rBV	190550	262672	41.89%	4.273%
18	13.751	1878	1881	1888	rVB	66773	88619	14.13%	1.442%
19	13.986	1915	1921	1933	rBB	207843	295981	47.21%	4.815%
20	14.157	1943	1950	1954	rBV	15676	31859	5.08%	0.518%
21	14.298	1968	1974	1980	rBB2	193082	293662	46.84%	4.777%
22	14.545	2011	2016	2032	rBB	50288	92549	14.76%	1.506%
23	14.651	2032	2034	2037	rBB2	658	781	0.12%	0.013%
24	14.810	2059	2061	2063	rBB	781	753	0.12%	0.012%
25	15.145	2114	2118	2122	rBB	8460	9738	1.55%	0.158%
26	15.292	2137	2143	2150	rBB	301235	403798	64.40%	6.569%
27	15.439	2163	2168	2175	rBB	59901	82068	13.09%	1.335%
28	15.533	2181	2184	2191	rBB3	2856	5091	0.81%	0.083%
29	16.010	2261	2265	2272	rBB	8585	12813	2.04%	0.208%
30	16.798	2397	2399	2403	rBB	3015	3233	0.52%	0.053%
31	16.839	2403	2406	2409	rBB	614	798	0.13%	0.013%
32	17.045	2436	2441	2448	rBV2	274738	385486	61.48%	6.271%
33	17.145	2452	2458	2475	rBB2	326256	459858	73.34%	7.481%
34	17.945	2591	2594	2597	rBB	2777	2895	0.46%	0.047%

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Misc :
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Instrument : BNA_M
ClientSampleId : 0311-S11-0003

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Title : SVOA CALIBRATION

35	18.015	2603	2606	2609	rBB	925	1112	0.18%	0.018%
36	19.033	2776	2779	2781	rVB2	1253	1002	0.16%	0.016%
37	19.092	2785	2789	2793	rBV	2669	3202	0.51%	0.052%
38	19.345	2829	2832	2835	rVB	2035	2414	0.39%	0.039%
39	19.456	2845	2851	2859	rBV	450889	602908	96.16%	9.808%
40	19.515	2859	2861	2868	rVB2	1482	2546	0.41%	0.041%
41	19.998	2939	2943	2945	rBV2	1074	1214	0.19%	0.020%
42	20.498	3025	3028	3029	rBV2	1308	1102	0.18%	0.018%
43	20.733	3066	3068	3071	rVB2	1011	746	0.12%	0.012%
44	20.833	3083	3085	3087	rVB2	996	761	0.12%	0.012%
45	20.962	3102	3107	3114	rBV	33021	45518	7.26%	0.740%
46	21.168	3139	3142	3146	rVB2	5777	6414	1.02%	0.104%
47	21.256	3152	3157	3172	rBV	384836	530406	84.60%	8.628%
48	21.398	3179	3181	3183	rBV3	2005	1564	0.25%	0.025%
49	21.827	3252	3254	3257	rBV2	4950	6288	1.00%	0.102%
50	22.409	3350	3353	3360	rVB2	13414	17430	2.78%	0.284%
51	22.515	3366	3371	3376	rVB	42362	57118	9.11%	0.929%
52	22.827	3419	3424	3436	rBV	112132	173371	27.65%	2.820%
53	23.344	3505	3512	3521	rBV	338565	626981	100.00%	10.199%
54	23.486	3529	3536	3549	rVB2	265794	505875	80.68%	8.229%
55	23.968	3613	3618	3625	rVB	18239	34799	5.55%	0.566%

Sum of corrected areas: 6147337

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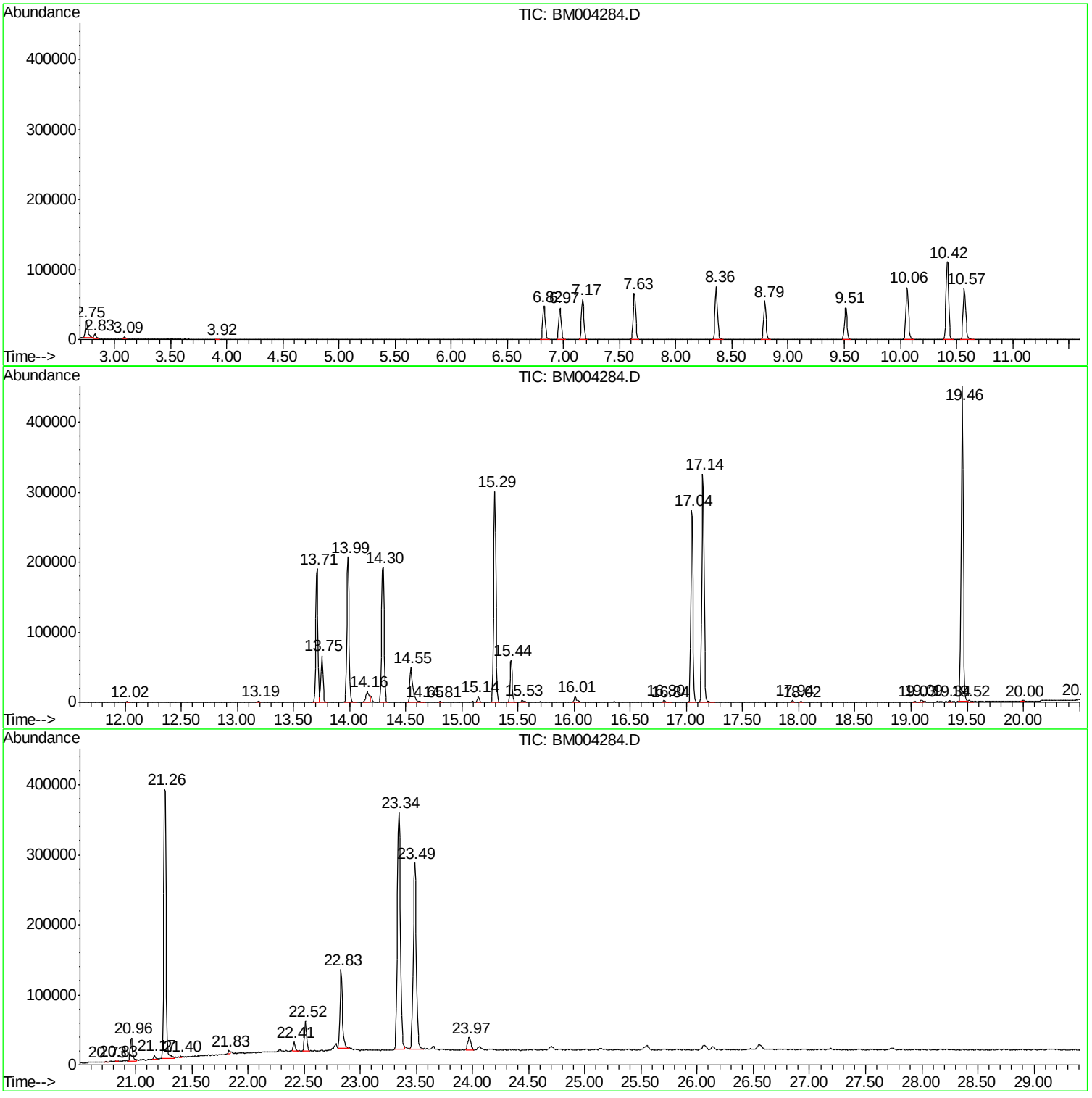
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0311-S11-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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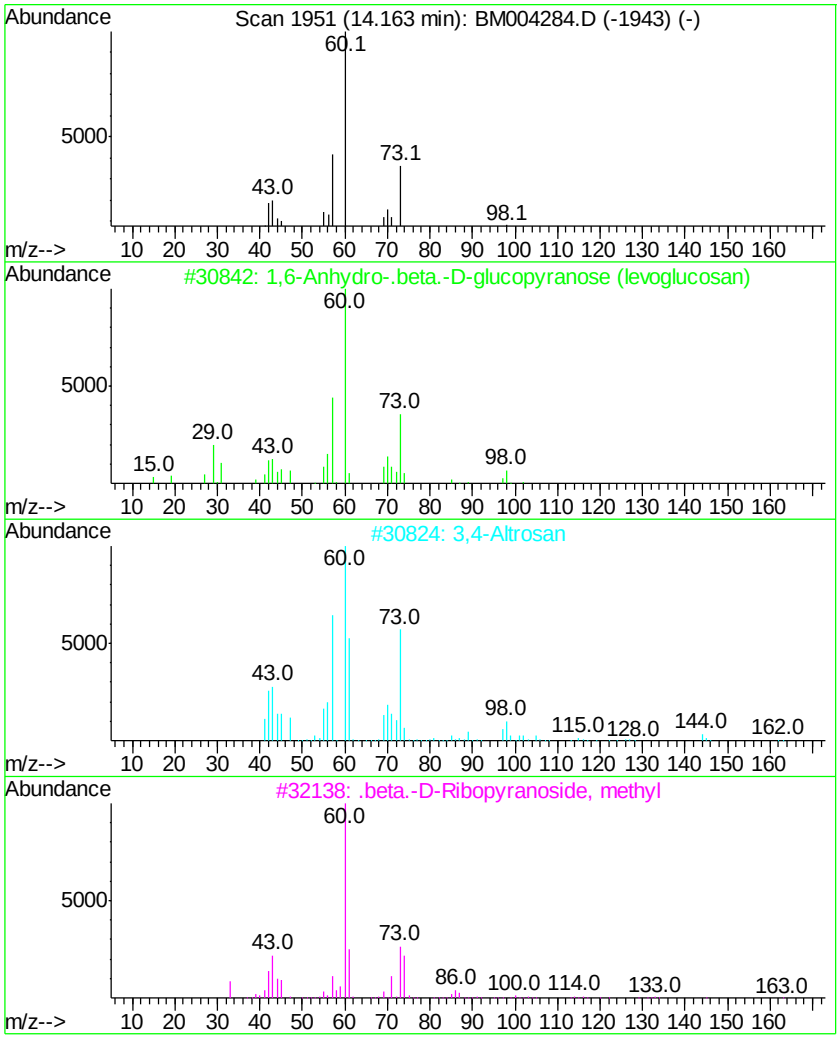
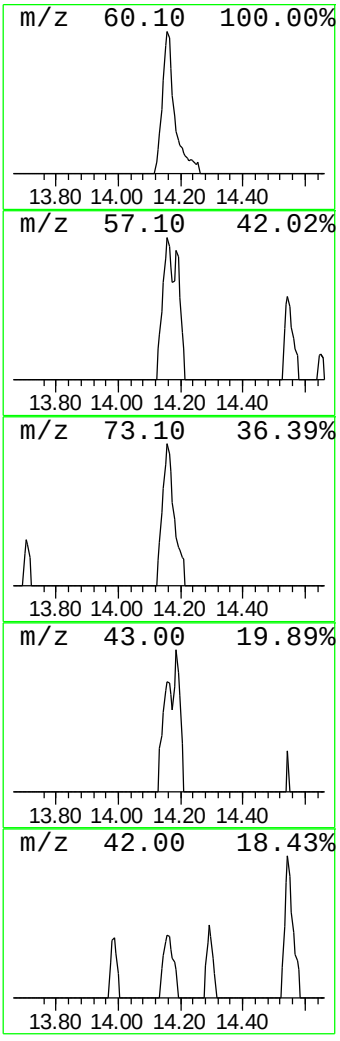
Peak Number 2 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	2.17 ng/ul	31859	Acenaphthene-d10	14.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	72
2	3,4-Altrosan	162	C6H10O5	1000129-76-4	59
3	.beta.-D-Ribopyranoside, methyl	164	C6H12O5	017289-61-1	42
4	.beta.-Methyl xyloside	164	C6H12O5	1000130-04-0	40
5	Hexanoic acid	116	C6H12O2	000142-62-1	36





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S11-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

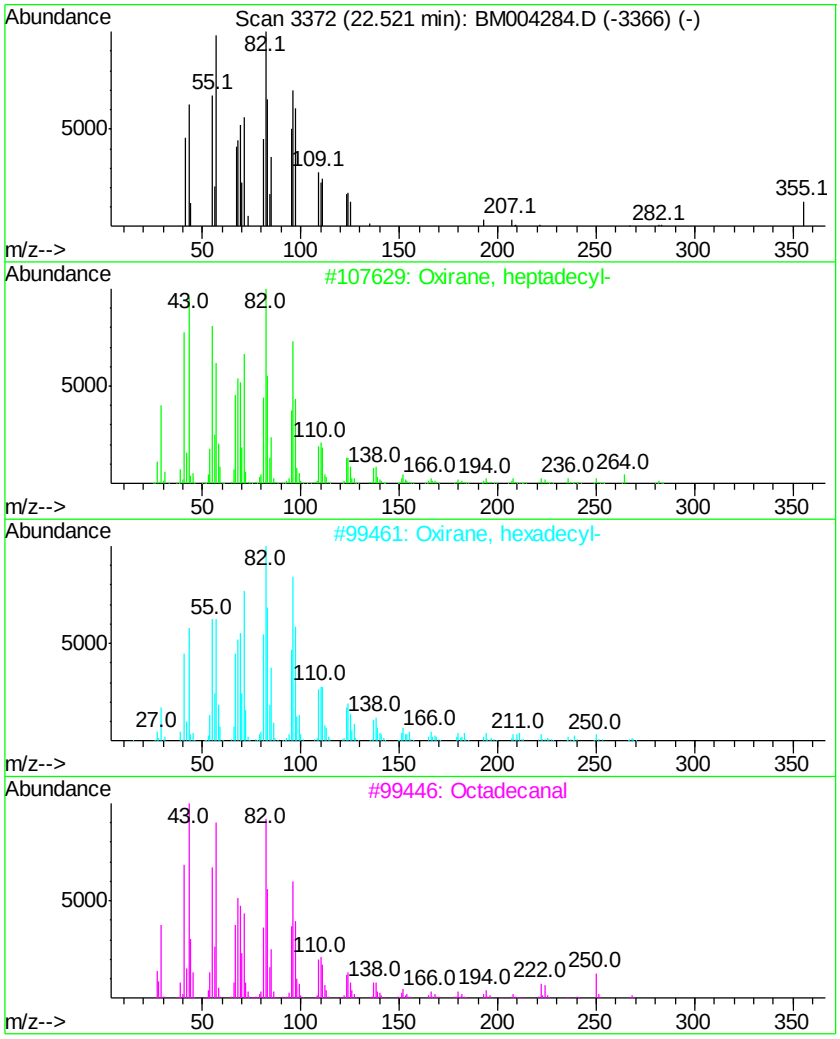
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

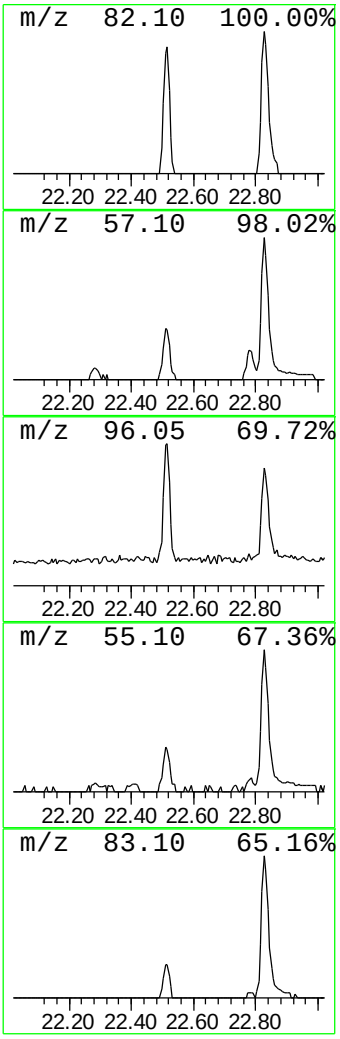
****

Peak Number 3 Oxirane, heptadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	2.26 ng/ul	57118	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





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Instrument : BNA_M
ClientSampleId : 0311-S11-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION

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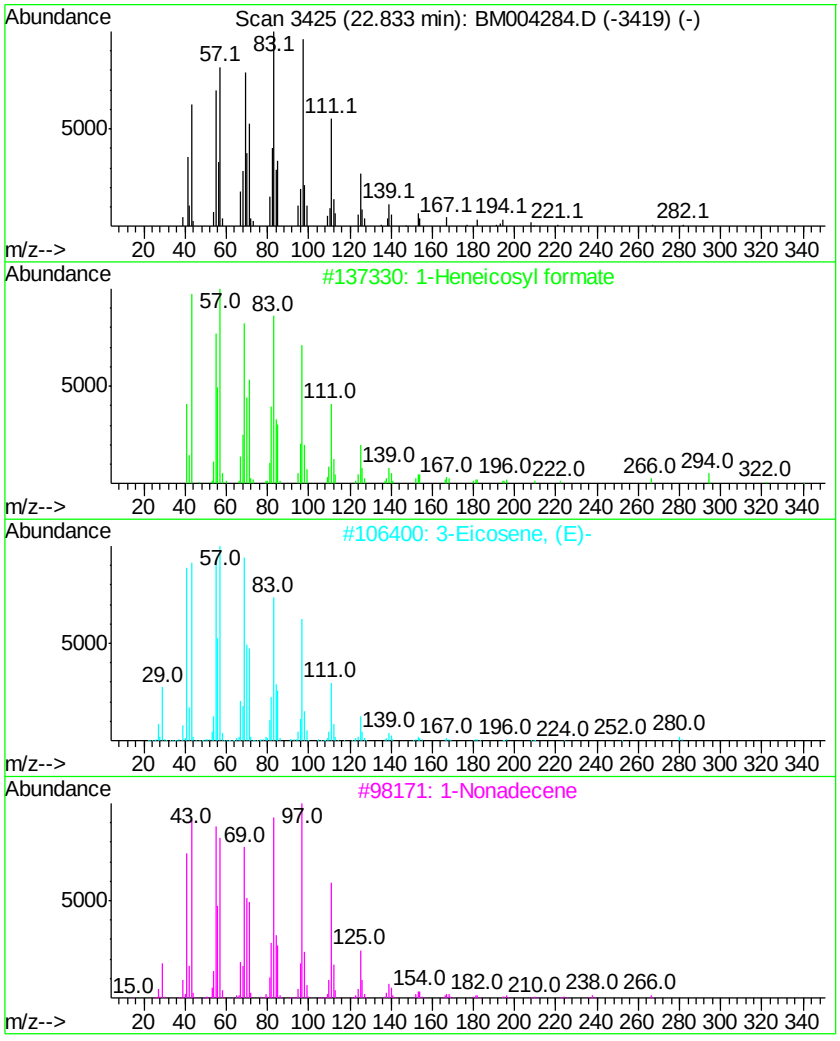
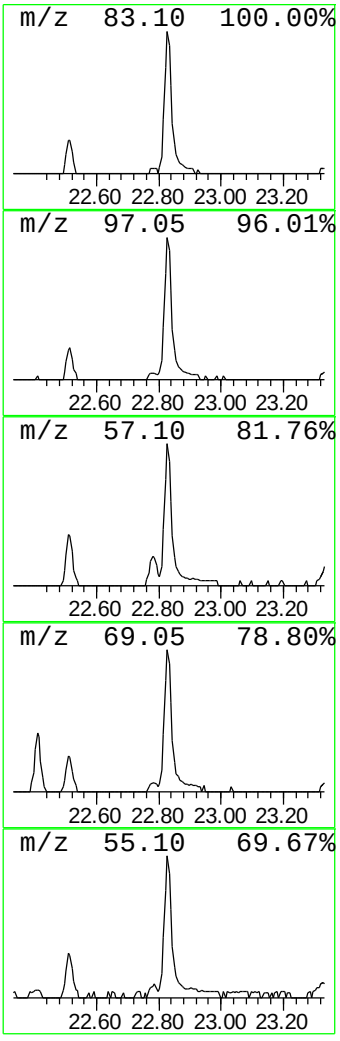
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	6.85 ng/ul	173371	Perylene-d12	23.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	87
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM021216.M
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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,6-Anhydro-.beta...	14.16	2.2	ng/ul	31859	3	14.30	293662	20.0
Oxirane, heptadecyl-	22.52	2.3	ng/ul	57118	6	23.49	505875	20.0
1-Heneicosyl formate	22.83	6.8	ng/ul	173371	6	23.49	505875	20.0