LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005322.D
Acq On : 07 May 2016 22:49
Operator : UM/SJ
Sample : H2853-10
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9WZ5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BM050516.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	6.946	716	724	734	rBV	68888	113302	4.37%	0.450%
2	7.104	745	751	766	rBV	254147	397489	15.33%	1.578%
3	7.304	779	785	796	rBV	260755	425550	16.41%	1.689%
4	7.769	858	864	873	rBV	233589	379013	14.61%	1.505%
5	8.475	978	984	996	rBV	208980	339274	13.08%	1.347%
6	8.928	1054	1061	1073	rBV	318101	534909	20.62%	2.123%
7	9.646	1177	1183	1197	rVB	283134	462213	17.82%	1.835%
8	10.181	1268	1274	1293	rBV	399011	699596	26.97%	2.777%
9	10.557	1331	1338	1347	rBV	383175	641898	24.75%	2.548%
10	13.822	1886	1893	1899	rBV	877848	1247450	48.10%	4.952%
11	14.104	1934	1941	1953	rBV	970834	1461114	56.34%	5.800%
12	14.410	1986	1993	2002	rBV2	643440	980854	37.82%	3.894%
13	14.628	2026	2030	2041	rBV	36083	76566	2.95%	0.304%
14	15.404	2156	2162	2173	rBV	1268857	1901878	73.33%	7.550%
15	15.533	2179	2184	2199	rVB	452696	621708	23.97%	2.468%
16	17.157	2454	2460	2470	rBV2	845073	1274005	49.12%	5.057%
17	17.257	2471	2477	2488	rVV2	1436650	2099370	80.95%	8.334%
18	19.557	2861	2868	2876	rBV2	1809969	2593525	100.00%	10.296%
19	20.092	2952	2959	2964	rBV	52234	60844	2.35%	0.242%
20	21.051	3118	3122	3130	rBV	70816	88052	3.40%	0.350%
21	21.351	3167	3173	3185	rBV	1272757	1627585	62.76%	6.461%
22	21.927	3267	3271	3283	rBV	98197	128472	4.95%	0.510%
23	22.398	3346	3351	3359	rBV	228150	327952	12.65%	1.302%
24	22.909	3431	3438	3444	rBV	1137593	1760399	67.88%	6.988%
25	23.480	3527	3535	3544	rBV2	1212956	2364612	91.17%	9.387%
26	23.621	3551	3559	3568	rBV	707490	1384358	53.38%	5.496%
27	24.127	3638	3645	3656	rBV	485298	937335	36.14%	3.721%
28	24.880	3768	3773	3784	rVB2	44799	104929	4.05%	0.417%
29	25.756	3916	3922	3933	rVB	62801	156290	6.03%	0.620%

Sum of corrected areas: 25190542

LSC Report - Integrated Chromatogram

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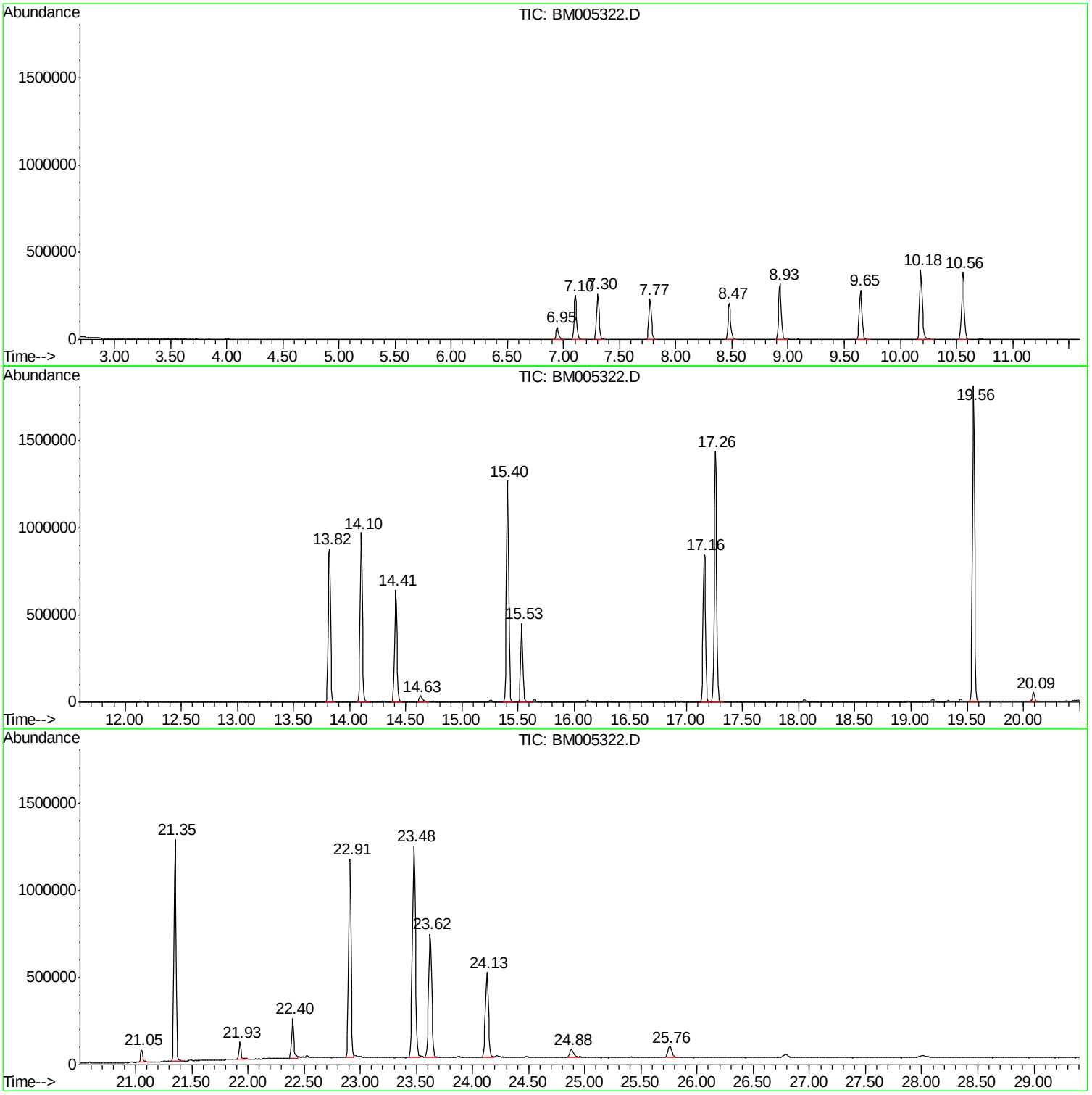
Instrument : BNA_M
ClientSampleId : D9WZ5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

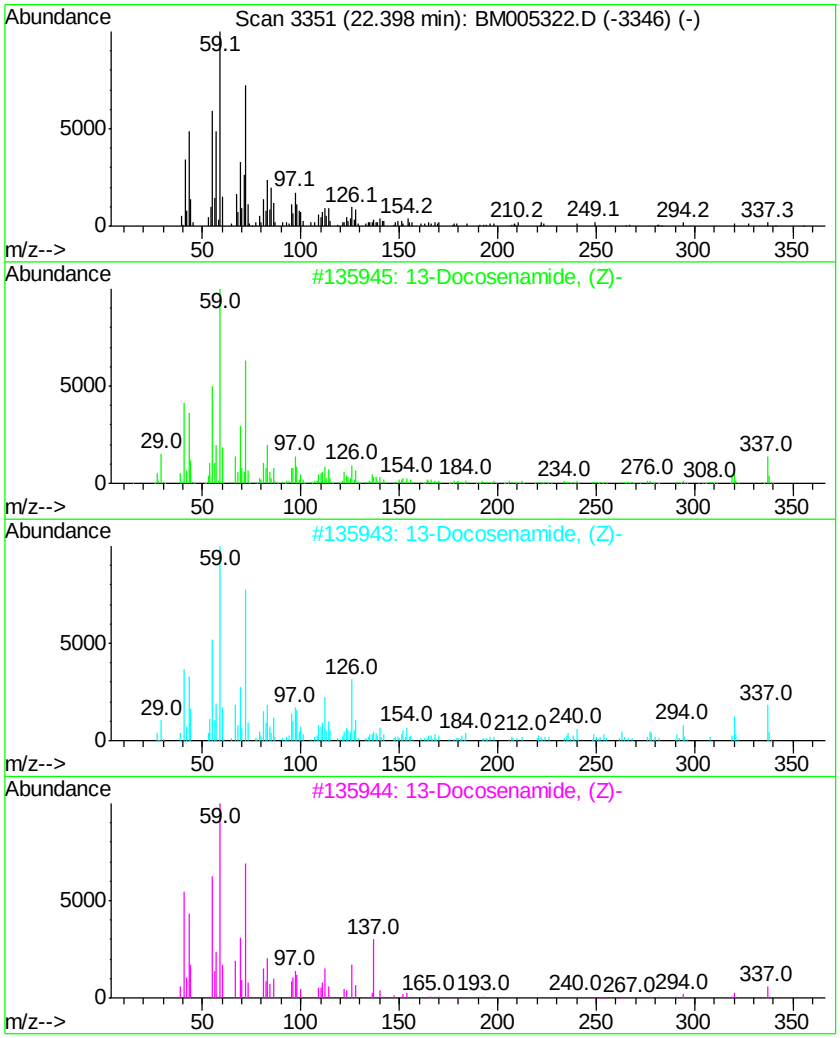
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

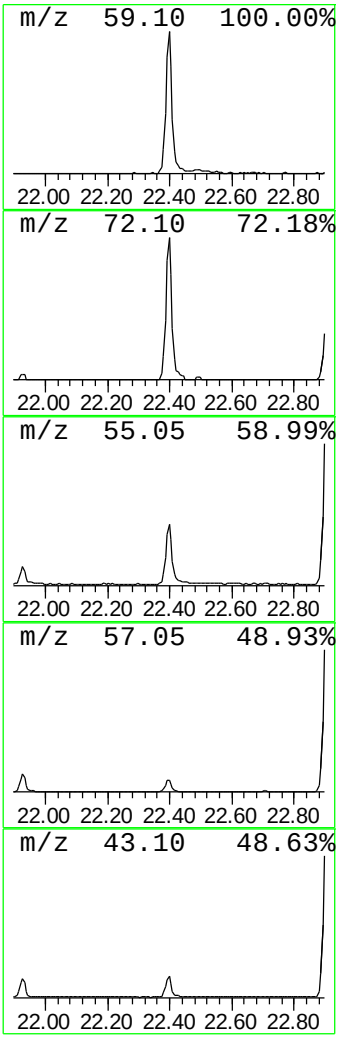
****

Peak Number 1 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	4.03 ng/ul	327952	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	86
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	74
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	59
4	Decanamide-	171	C10H21NO	002319-29-1	47
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	43





Library Search Compound Report

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ClientSampleId : D9WZ5

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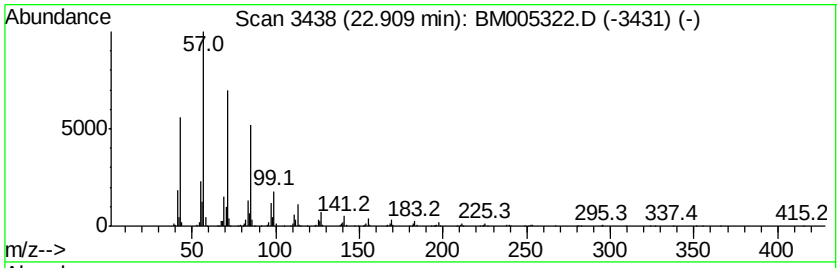
Quant Title : SVOA CALIBRATION

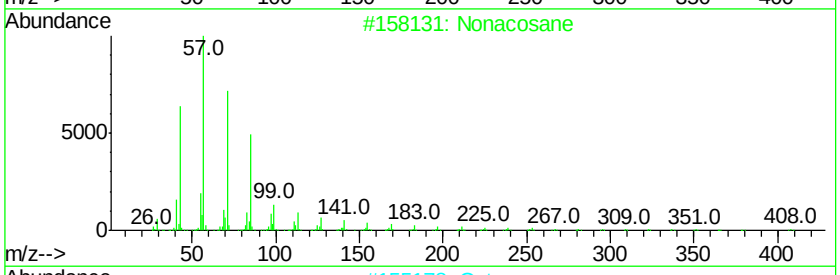
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

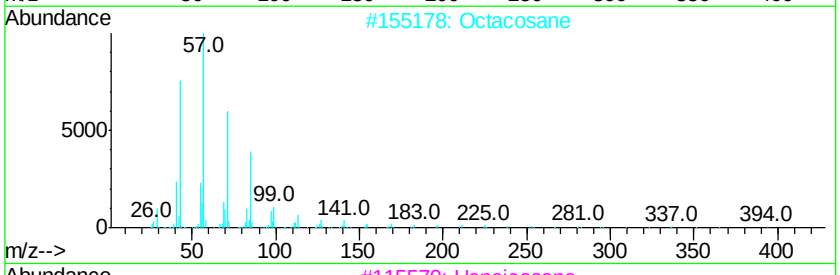
****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

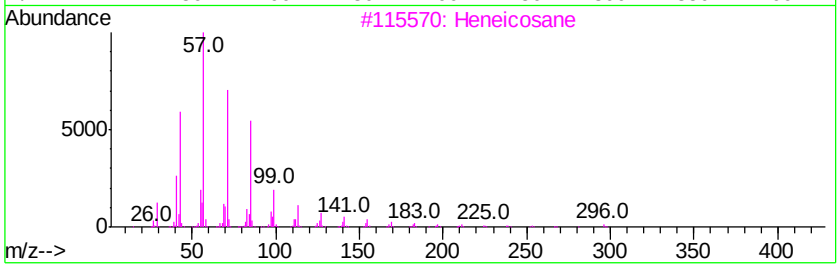
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	25.43 ng/ul	1760400	Perylene-d12	23.62

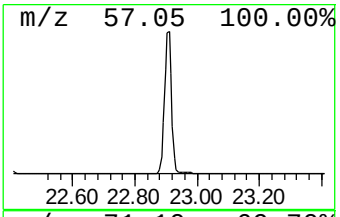
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91

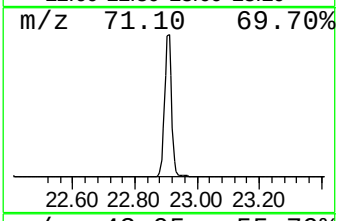


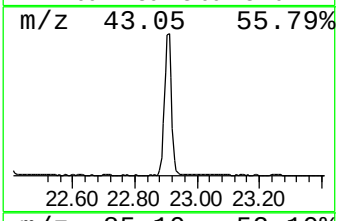


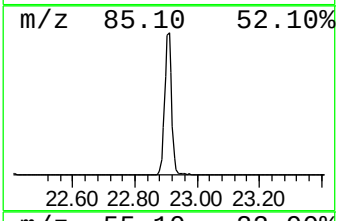


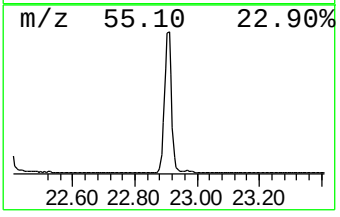












Library Search Compound Report

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Quant Title : SVOA CALIBRATION

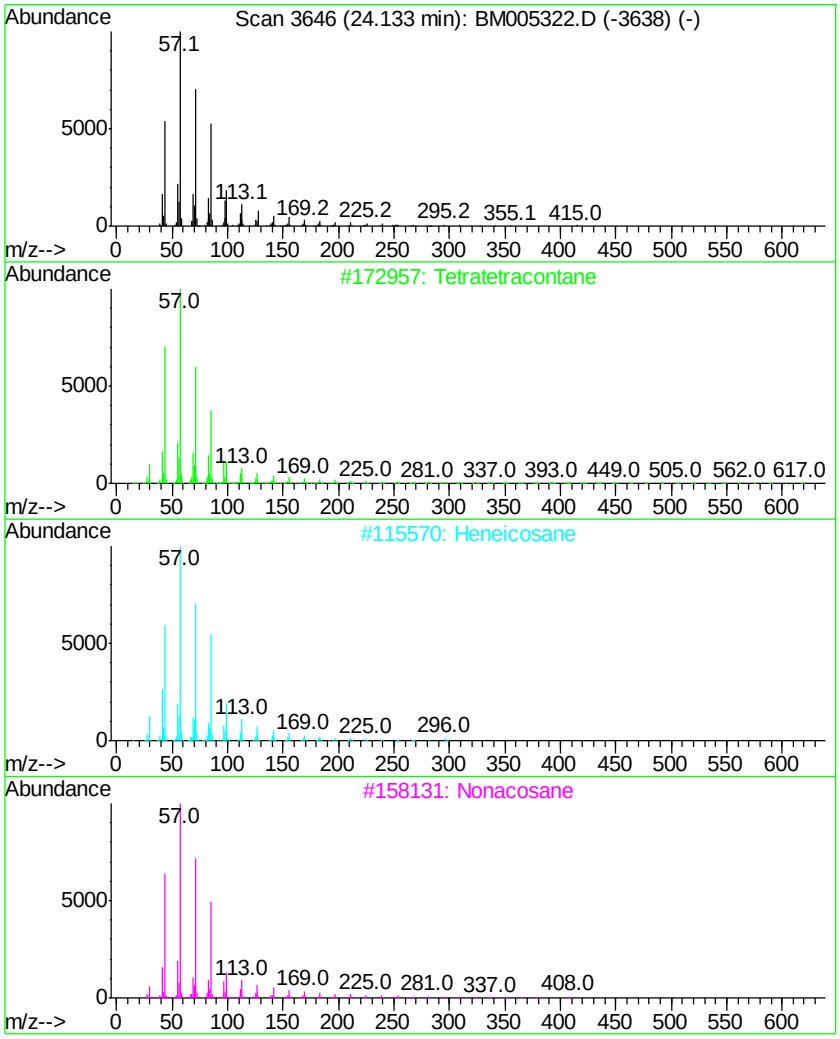
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

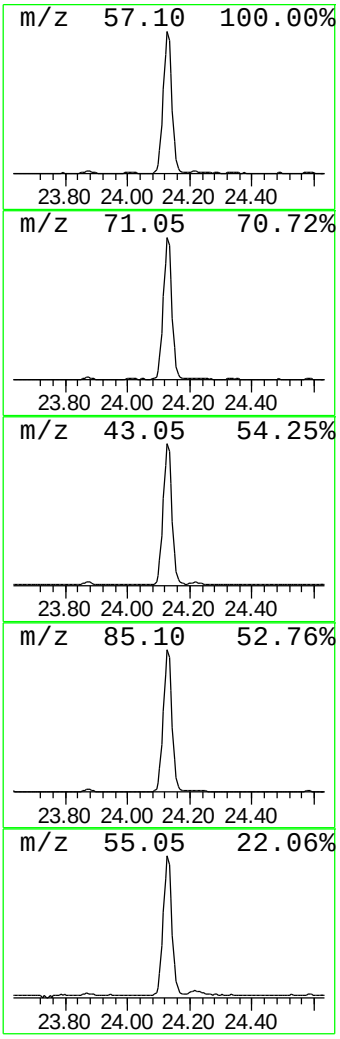
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	13.54 ng/ul	937335	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





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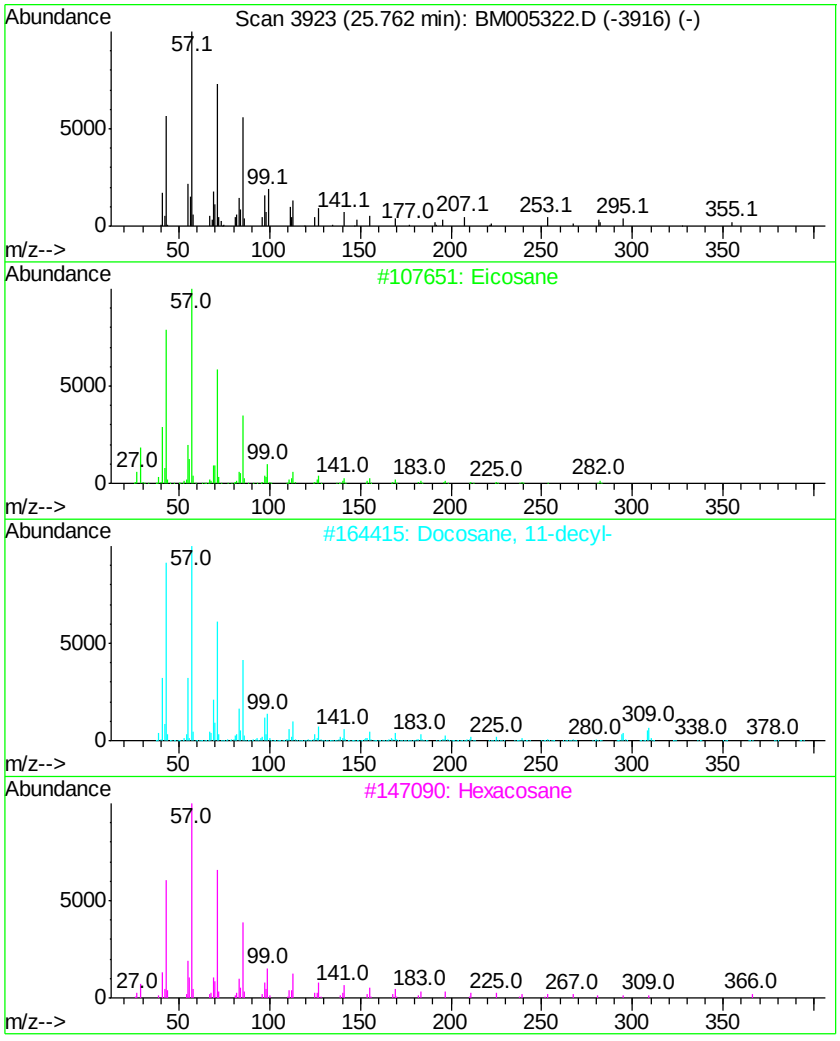
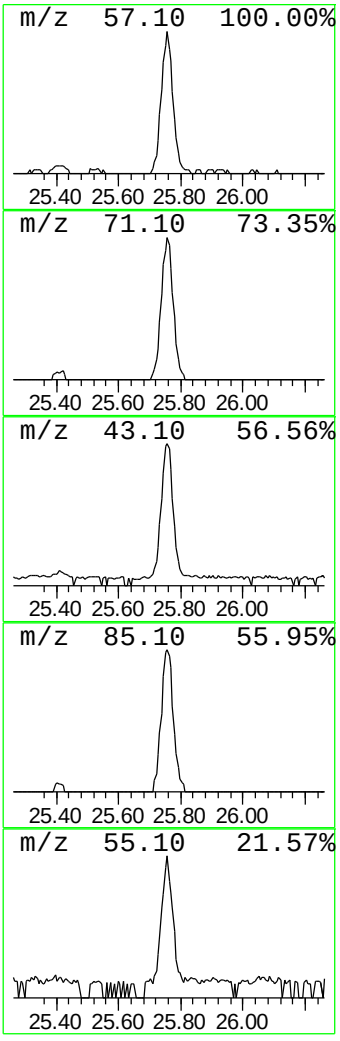
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	2.26 ng/ul	156290	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
13-Docosenamide, ...	22.40	4.0	ng/ul	327952	5	21.35	1627590	20.0
(DEL) Alkane: Str...	22.91	25.4	ng/ul	1760400	6	23.62	1384360	20.0
(DEL) Alkane: Str...	24.13	13.5	ng/ul	937335	6	23.62	1384360	20.0
(DEL) Alkane: Str...	25.76	2.3	ng/ul	156290	6	23.62	1384360	20.0