LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072220\
Data File : BM026835.D
Acq On : 22 Jul 2020 16:49
Operator : JU/CG
Sample : L3372-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-011-ABCD

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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\8270-BM070820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.943	369	375	388	rBV	1504193	2026002	48.91%	9.563%
2	6.513	635	642	660	rBV	1472458	2217358	53.53%	10.466%
3	7.295	769	775	787	rVB	283109	436146	10.53%	2.059%
4	8.448	964	971	998	rBV	834690	1358532	32.80%	6.413%
5	10.054	1237	1244	1259	rBV	329484	569892	13.76%	2.690%
6	12.566	1664	1671	1687	rBV	1947163	2739765	66.14%	12.932%
7	13.442	1811	1820	1828	rBV	240062	352296	8.50%	1.663%
8	13.960	1902	1908	1920	rBV2	552267	780141	18.83%	3.682%
9	15.471	2159	2165	2179	rBV	1767474	2371180	57.24%	11.192%
10	16.724	2370	2378	2389	rBV	615386	917215	22.14%	4.329%
11	17.665	2533	2538	2545	rBV	119281	170491	4.12%	0.805%
12	18.406	2659	2664	2669	rBV	189386	228079	5.51%	1.077%
13	18.500	2676	2680	2688	rVB	40605	50804	1.23%	0.240%
14	18.965	2751	2759	2764	rBV	40701	72471	1.75%	0.342%
15	19.389	2825	2831	2836	rBV	3517685	4142364	100.00%	19.553%
16	20.083	2946	2949	2955	rVB	47020	56621	1.37%	0.267%
17	20.294	2981	2985	2990	rBV	280822	316605	7.64%	1.494%
18	20.347	2990	2994	2998	rVB	48614	61401	1.48%	0.290%
19	20.694	3049	3053	3063	rBV	257550	378662	9.14%	1.787%
20	20.947	3091	3096	3107	rBV	768381	962293	23.23%	4.542%
21	21.565	3197	3201	3207	rBV6	34236	65523	1.58%	0.309%
22	23.012	3441	3447	3456	rBV	537896	911671	22.01%	4.303%

Sum of corrected areas: 21185512

LSC Report - Integrated Chromatogram

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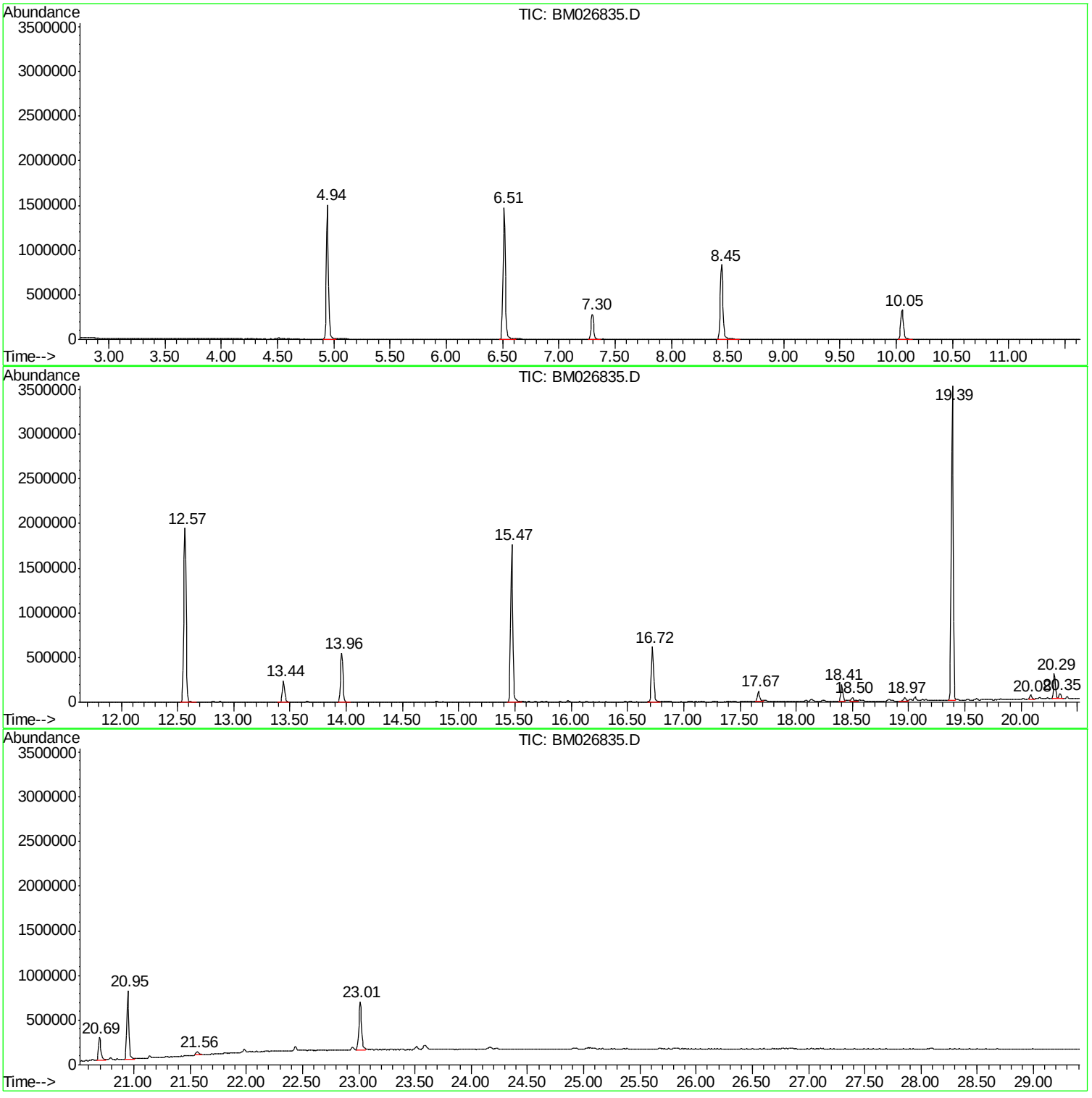
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-011-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BM026835.D
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ClientSampleId : FK-BPM-04-011-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

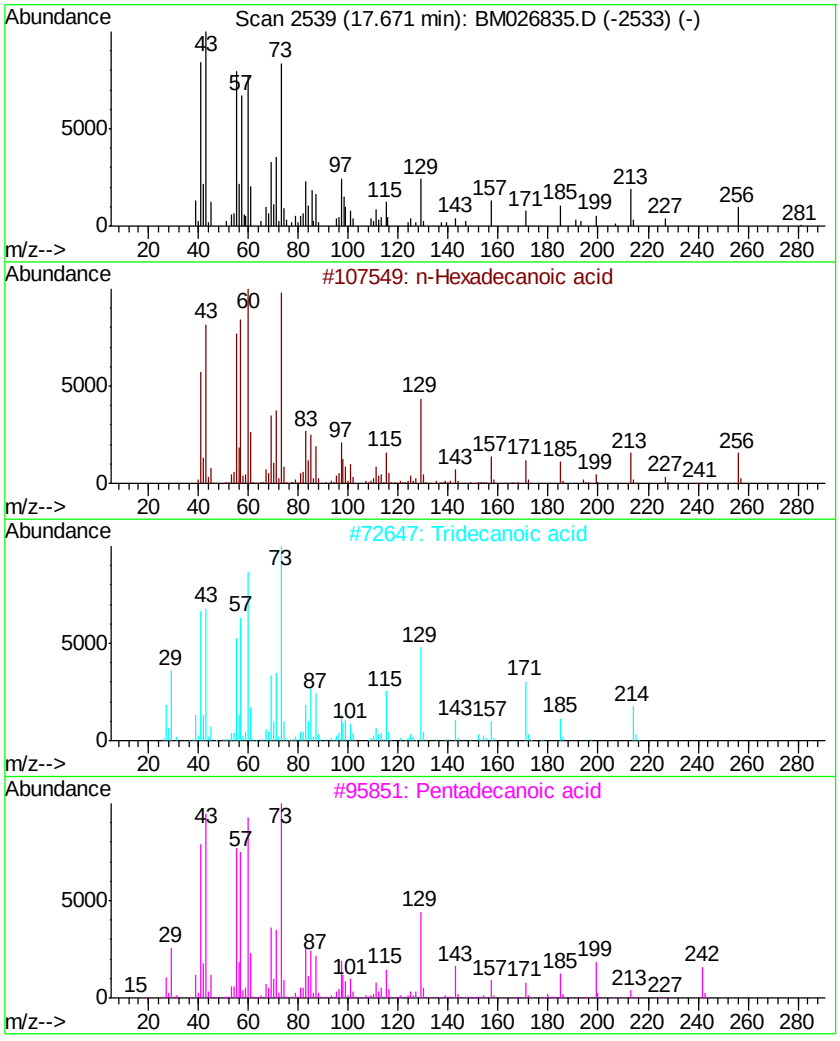
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

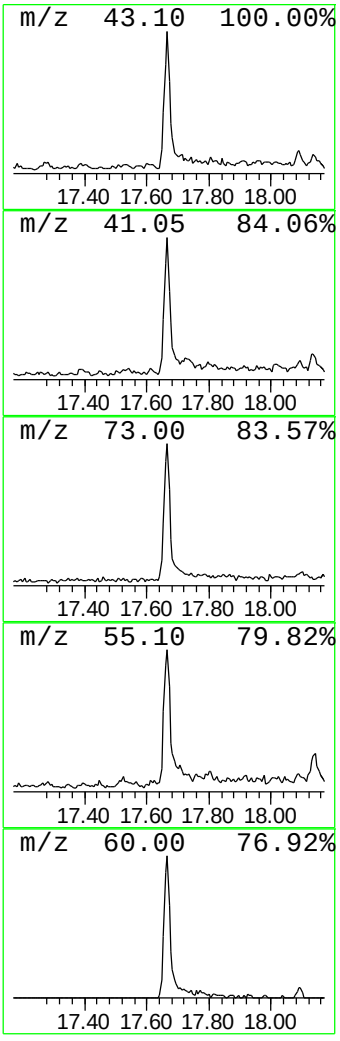
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	3.72 ng	170491	Phenanthrene-d10	16.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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ClientSampleId : FK-BPM-04-011-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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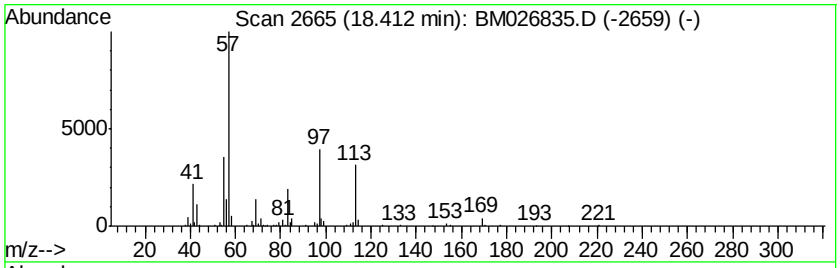
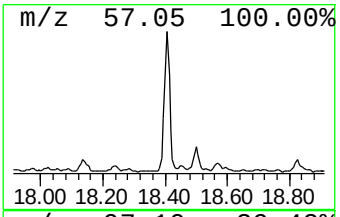
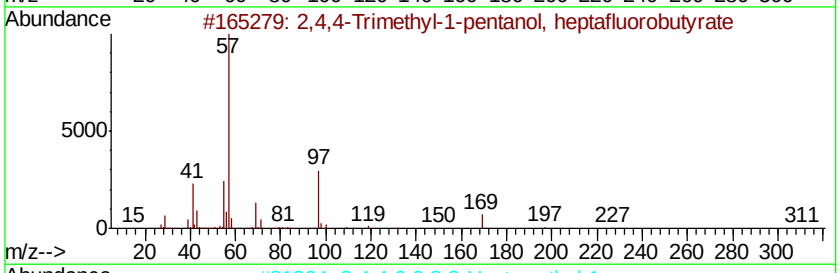
Peak Number 2 2,4,4-Trimethyl-1-pentanol,... Concentration Rank 3

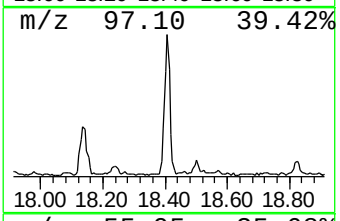
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	4.97 ng	228079	Phenanthrene-d10	16.72

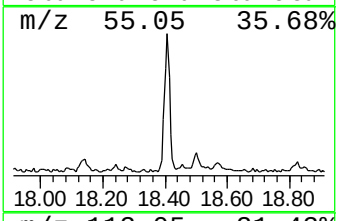
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	50
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
3	Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
4	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	47
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	47

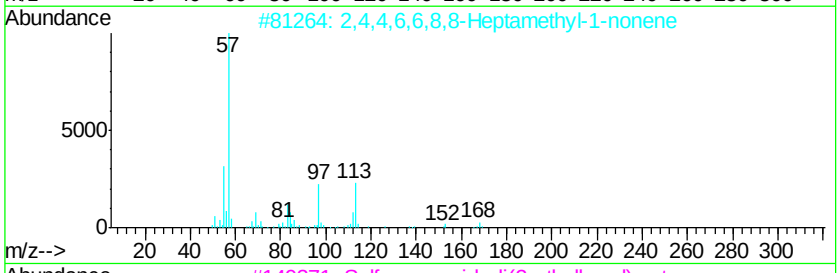


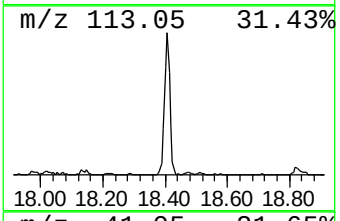


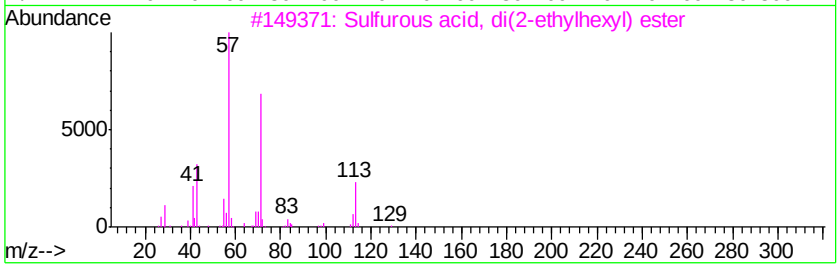


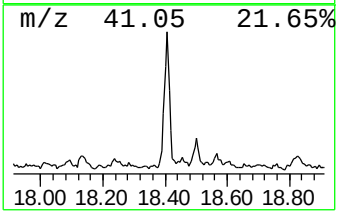












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

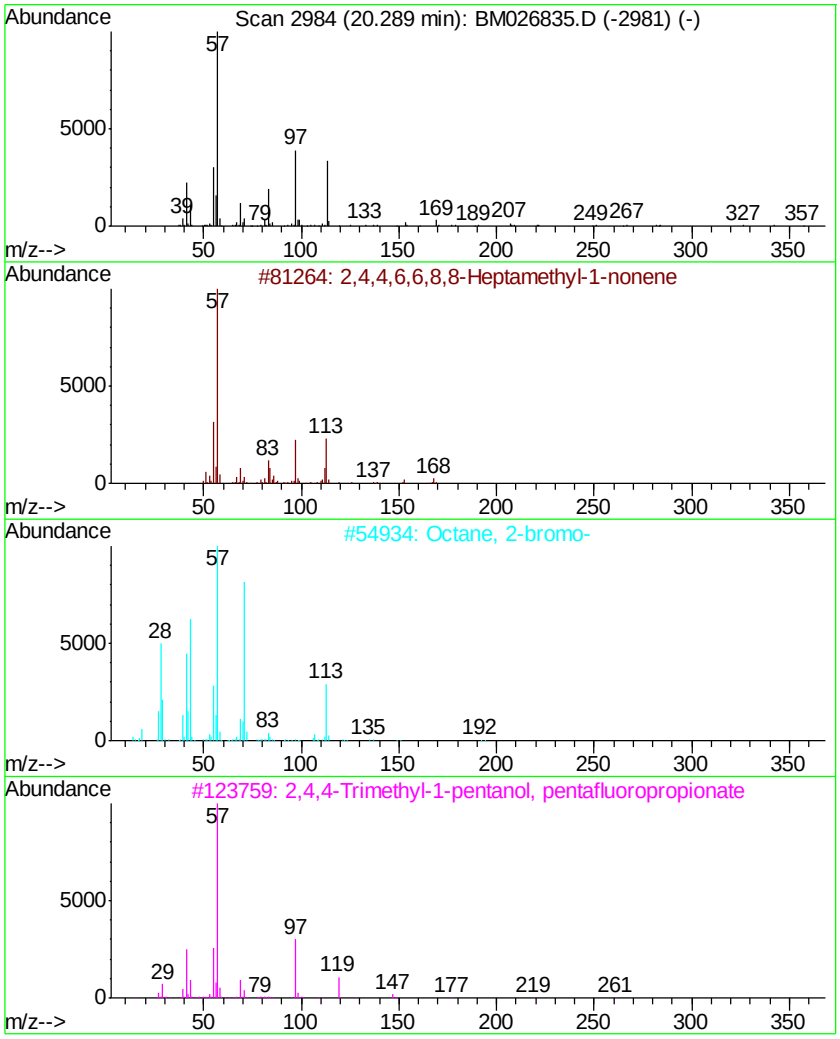
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

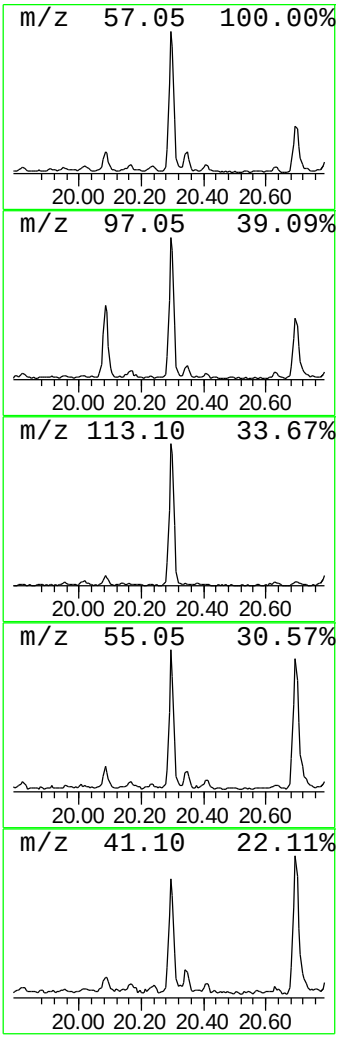
****

Peak Number 3 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	6.58 ng	316605	Chrysene-d12	20.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	59
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	43
3	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	38
4	Octane, 2-iodo-	240	C8H17I	000557-36-8	37
5	Cyclohexane, 1,1'-[1,2-bis(1,1-d...	306	C22H42	065149-85-1	25





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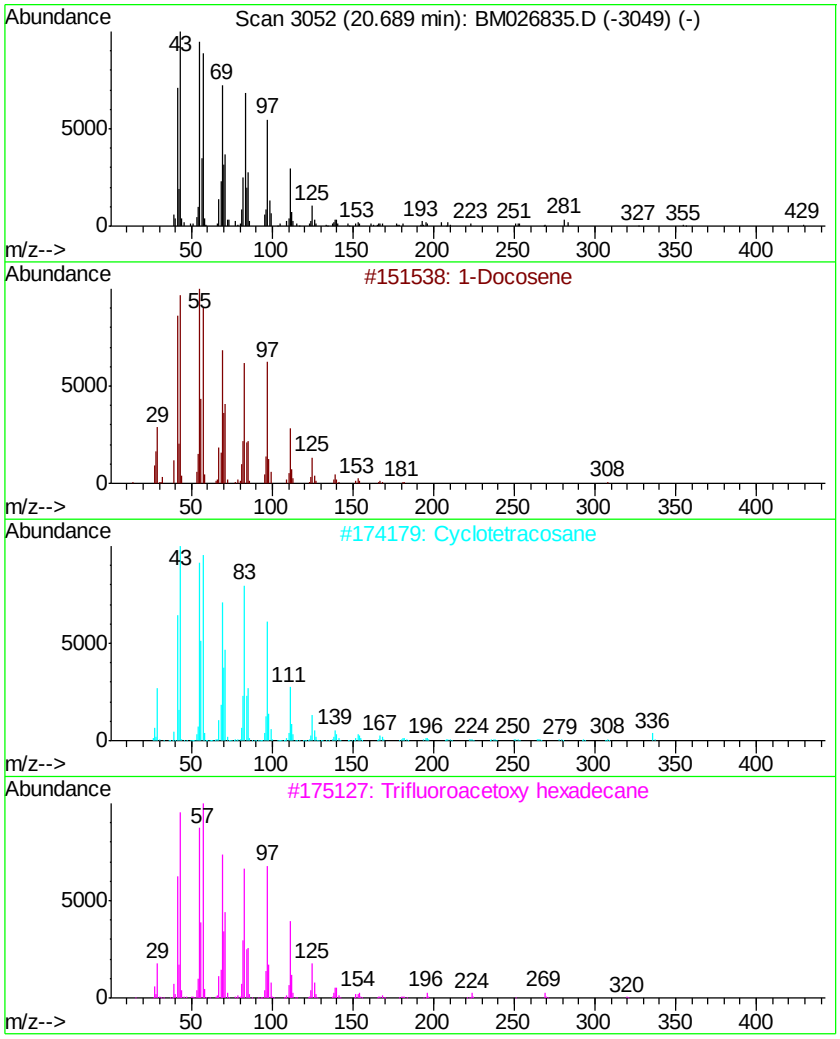
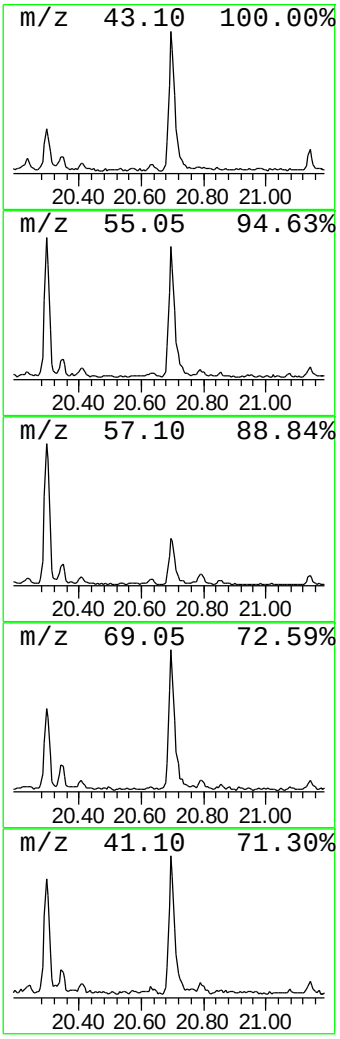
****

Peak Number 4 1-Docosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	7.87 ng	378662	Chrysene-d12	20.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
5	1-Nonadecene	266	C19H38	018435-45-5	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	17.67	3.7	ng	170491	4	16.72	917215	20.0
2,4,4-Trimethyl-1...	18.41	5.0	ng	228079	4	16.72	917215	20.0
2,4,4,6,6,8,8-Hep...	20.29	6.6	ng	316605	5	20.95	962293	20.0
1-Docosene	20.69	7.9	ng	378662	5	20.95	962293	20.0