LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051419\
Data File : BM020334.D
Acq On : 14 May 2019 16:04
Operator : JU/SJ
Sample : K2823-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 10-B

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-BM043019.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	5.346	394	401	418	rBV	847337	1314776	50.96%	8.129%
2	6.928	663	670	683	rBV	771135	1261078	48.88%	7.797%
3	7.293	725	732	744	rBV	850485	1405773	54.49%	8.691%
4	7.757	804	811	820	rBV	227281	372438	14.44%	2.303%
5	8.075	858	865	879	rVB	650742	1057638	41.00%	6.539%
6	8.922	1003	1009	1026	rBV	426955	783156	30.36%	4.842%
7	10.551	1278	1286	1298	rBV	223818	411064	15.93%	2.541%
8	13.022	1699	1706	1725	rBV	1029865	1625959	63.02%	10.053%
9	13.863	1843	1849	1857	rBV	94913	150960	5.85%	0.933%
10	14.404	1935	1941	1958	rBV2	372519	579344	22.46%	3.582%
11	15.898	2189	2195	2216	rBV	928724	1436613	55.69%	8.882%
12	17.157	2403	2409	2424	rBV2	441007	712064	27.60%	4.402%
13	18.039	2554	2559	2570	rBV3	41241	64945	2.52%	0.402%
14	19.786	2850	2856	2868	rBV	2043545	2579864	100.00%	15.950%
15	20.445	2964	2968	2971	rBV2	33619	35968	1.39%	0.222%
16	21.039	3065	3069	3075	rBV	145267	205102	7.95%	1.268%
17	21.345	3116	3121	3131	rBV	653972	935218	36.25%	5.782%
18	21.480	3141	3144	3148	rBV5	24427	31387	1.22%	0.194%
19	22.386	3295	3298	3304	rVB3	55424	71445	2.77%	0.442%
20	22.897	3382	3385	3391	rVB4	64212	93684	3.63%	0.579%
21	23.474	3480	3483	3492	rVB2	64450	110043	4.27%	0.680%
22	23.627	3503	3509	3519	rVB	465715	935818	36.27%	5.786%

Sum of corrected areas: 16174337

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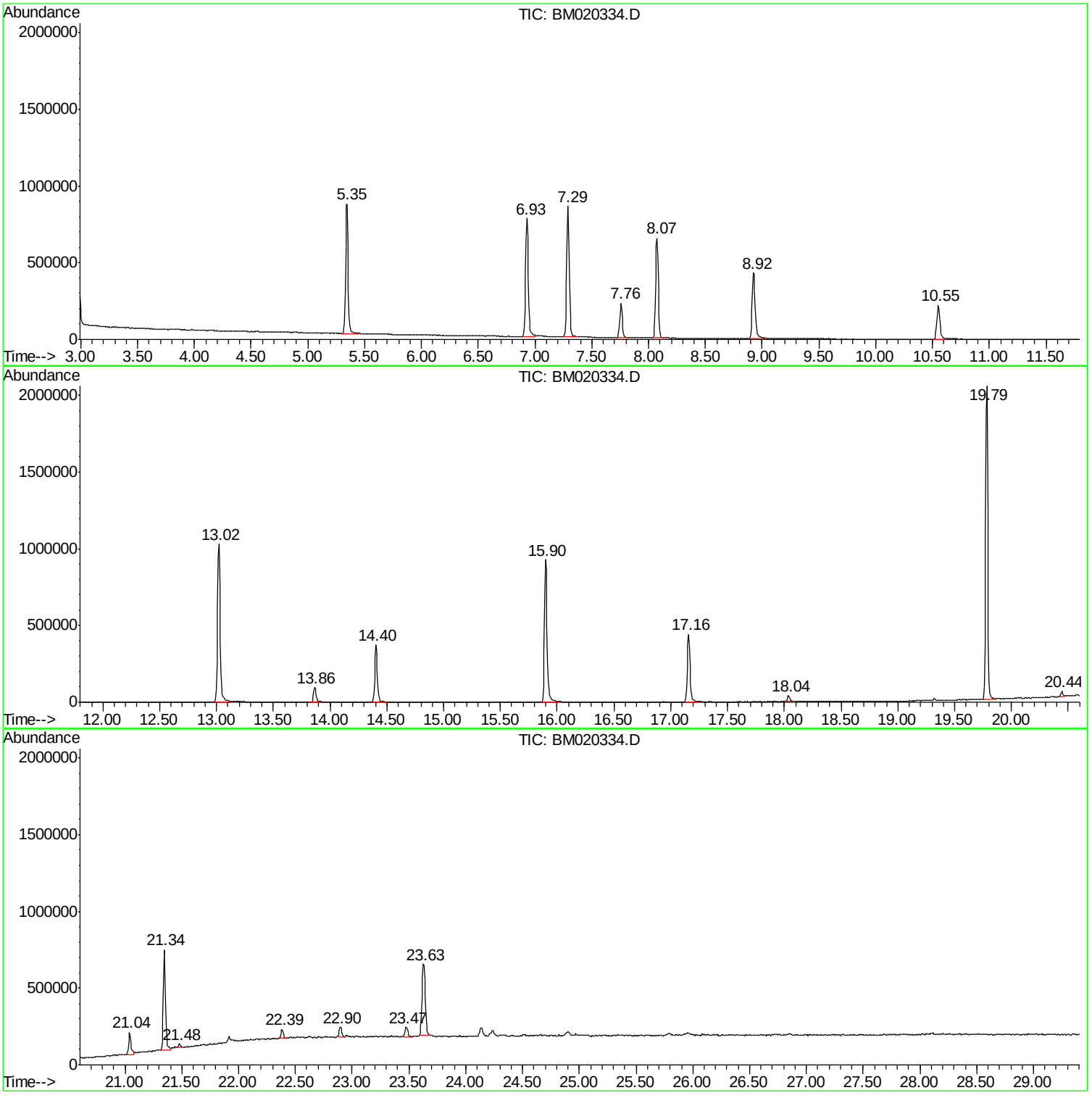
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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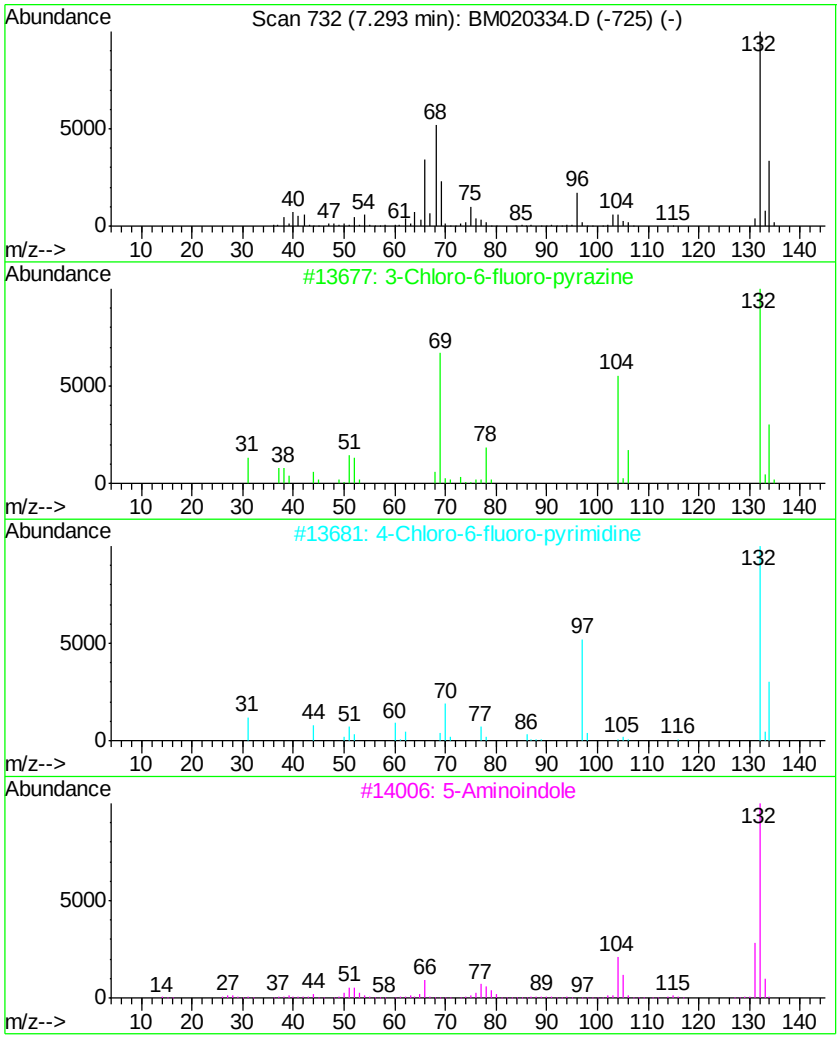
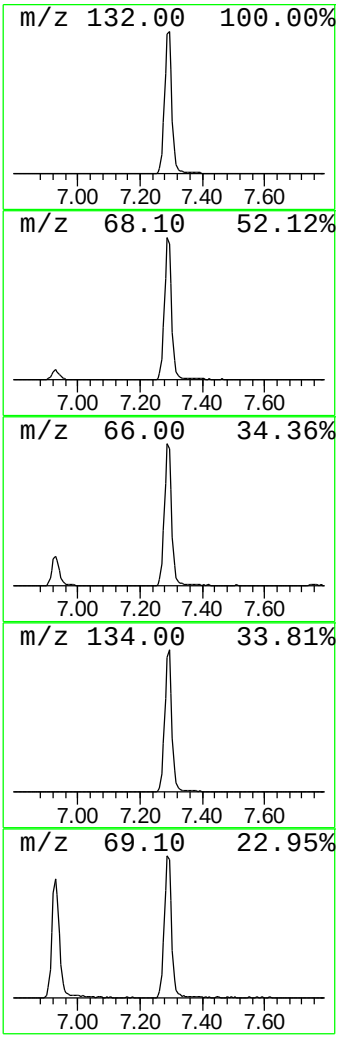
Peak Number 1 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	75.49 ng	1405770	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	22





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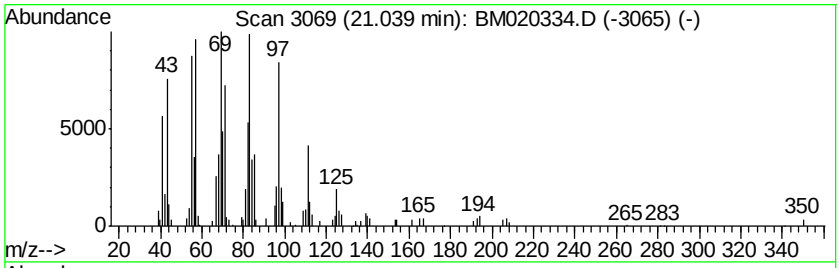
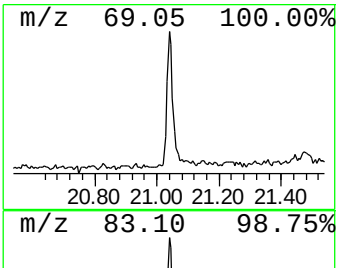
Peak Number 3 Trifluoroacetic acid, n-oct... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	4.39 ng	205102	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Isoheptadecanol	256	C17H36O	057289-07-3	91





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Instrument : BNA_M
ClientSampleId : 10-B

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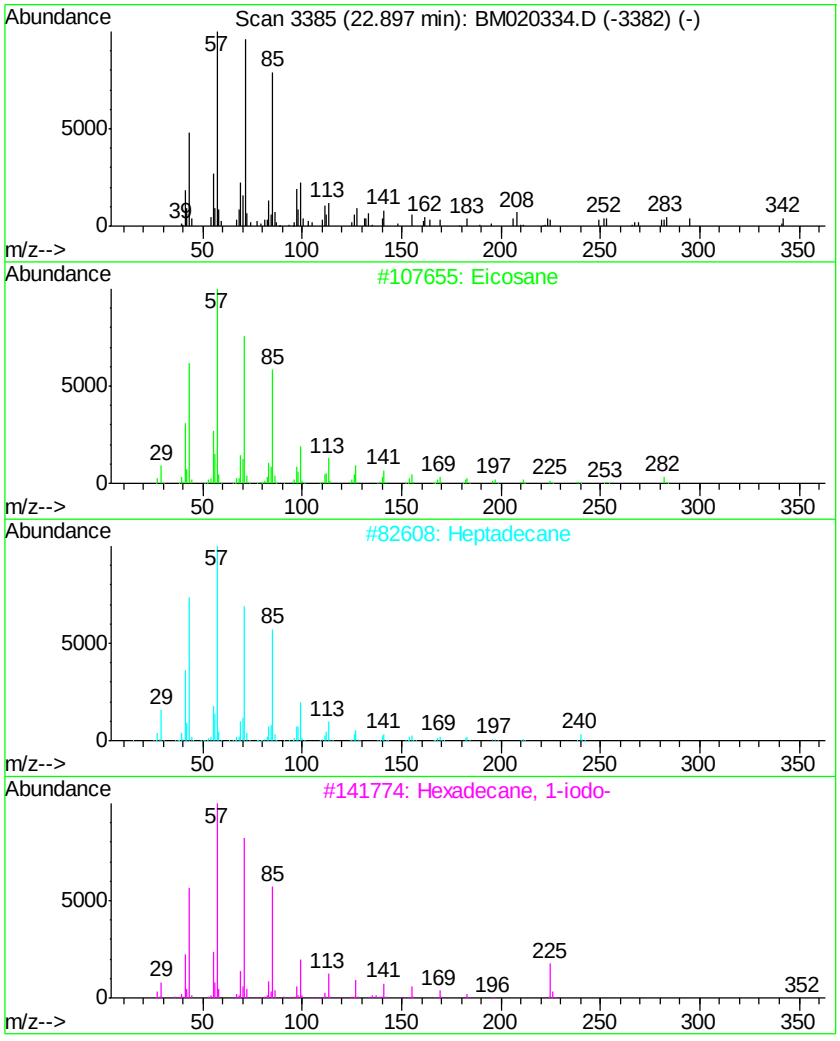
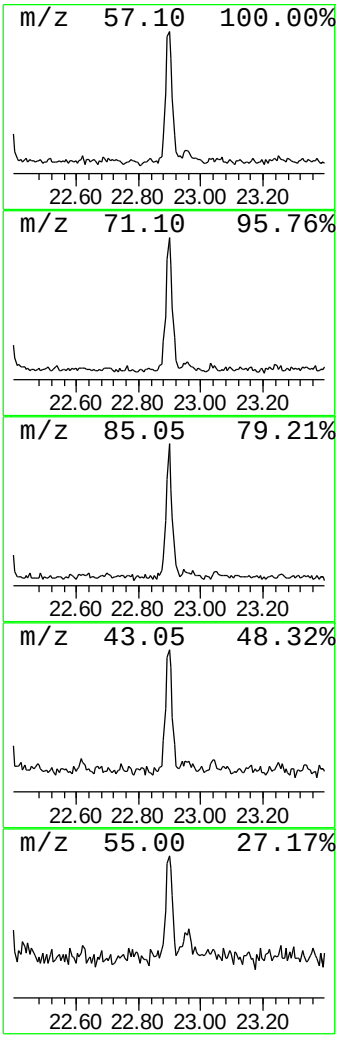
Peak Number 4 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.00 ng	93684	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptadecane	240	C17H36	000629-78-7	72
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4	Tetracosane	338	C24H50	000646-31-1	72
5	10-Methylnonadecane	282	C20H42	056862-62-5	72





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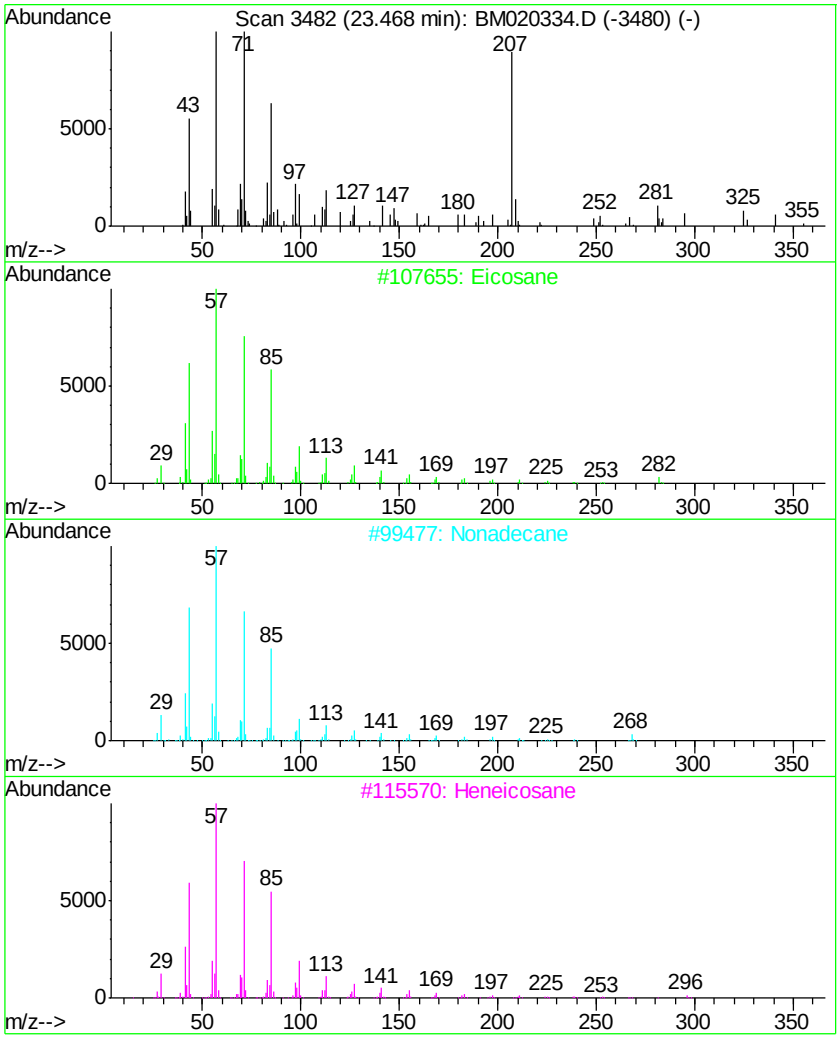
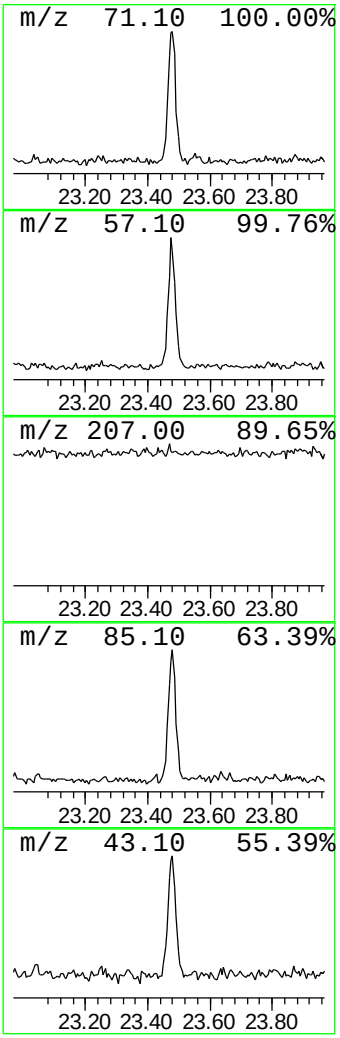
Peak Number 5 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.47	2.35 ng	110043	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Nonadecane	268	C19H40	000629-92-5	64
3	Heneicosane	296	C21H44	000629-94-7	62
4	Tetratriacontane	479	C34H70	014167-59-0	62
5	Octadecane	254	C18H38	000593-45-3	62





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.29	7.29	75.5	ng	1405770	1	7.76	372438	20.0
Trifluoroacetic a...	21.04	4.4	ng	205102	5	21.34	935218	20.0
Eicosane	22.90	2.0	ng	93684	6	23.63	935818	20.0
Nonadecane	23.47	2.4	ng	110043	6	23.63	935818	20.0