LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040039.D
Acq On : 20 Mar 2019 17:03
Operator : JU/SJ
Sample : PB118051BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118051BL

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_G\METHODS\8270-BG030419.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	5.691	435	443	455	rVB	539974	883509	32.86%	6.649%
2	7.288	708	715	723	rBV	567507	959023	35.67%	7.218%
3	7.670	771	780	793	rVB	537670	925837	34.44%	6.968%
4	8.140	853	860	869	rVB	135027	227717	8.47%	1.714%
5	8.463	906	915	924	rVB	388048	661311	24.60%	4.977%
6	9.315	1052	1060	1070	rBV	318471	578674	21.52%	4.355%
7	10.960	1333	1340	1348	rBV	180910	330136	12.28%	2.485%
8	13.386	1746	1753	1761	rBV	908570	1451531	53.99%	10.924%
9	14.767	1981	1988	1996	rBV2	310321	493530	18.36%	3.714%
10	16.253	2235	2241	2256	rBV	724200	1128579	41.98%	8.494%
11	17.510	2446	2455	2463	rBV2	450668	683196	25.41%	5.142%
12	20.106	2891	2897	2903	rBV	2088435	2688454	100.00%	20.234%
13	21.798	3178	3185	3193	rBV2	527143	868267	32.30%	6.535%
14	21.939	3204	3209	3215	rBV	49100	74049	2.75%	0.557%
15	22.562	3309	3315	3322	rBV2	69150	115137	4.28%	0.867%
16	23.273	3429	3436	3444	rBV	70556	139220	5.18%	1.048%
17	24.101	3570	3577	3588	rBV2	52518	117531	4.37%	0.885%
18	25.094	3738	3746	3748	rBV4	34907	82159	3.06%	0.618%
19	25.158	3748	3757	3769	rVB2	275256	816245	30.36%	6.143%
20	26.251	3937	3943	3952	rVB6	20708	62923	2.34%	0.474%

Sum of corrected areas: 13287028

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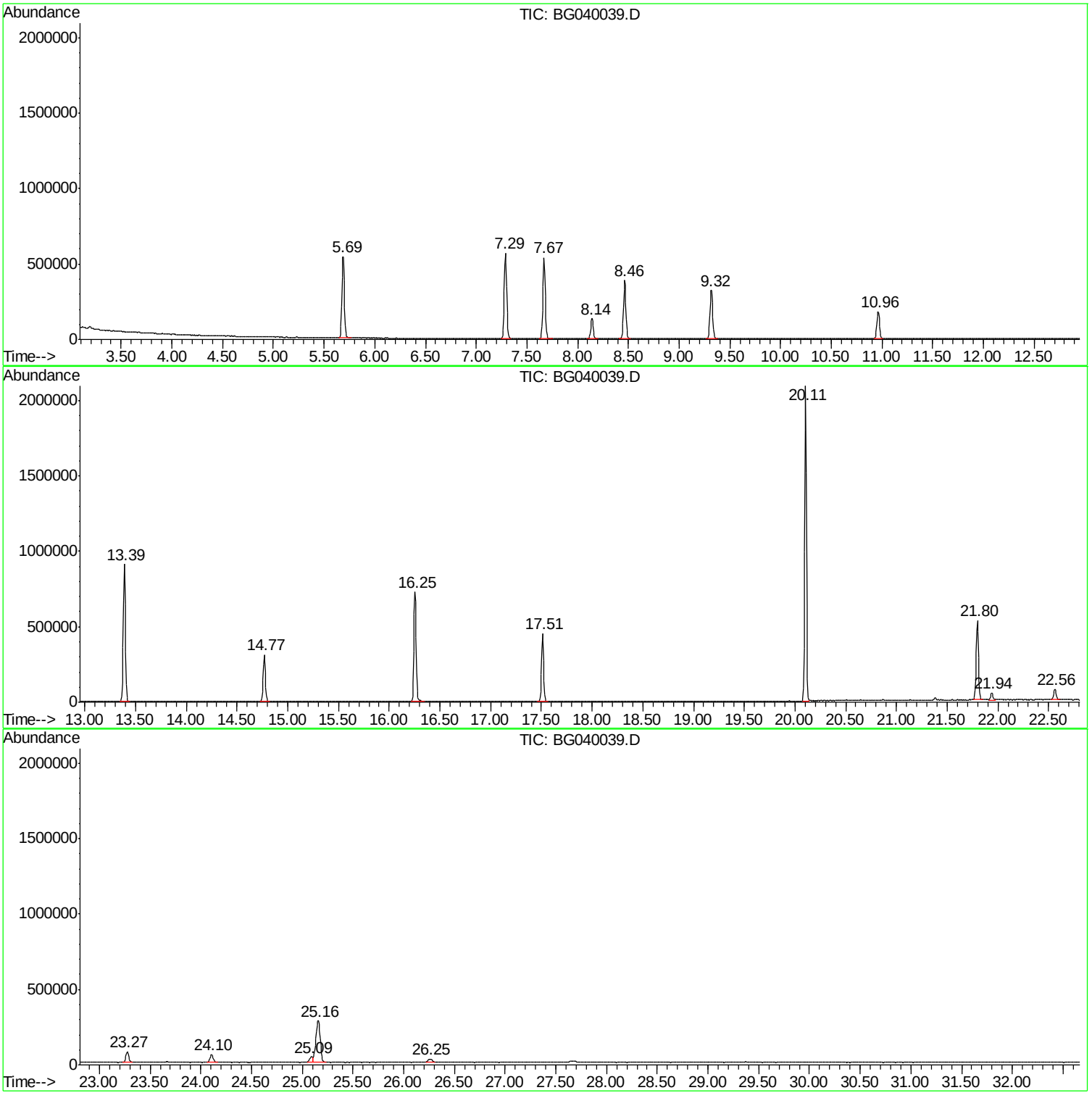
ClientSampleId :
PB118051BL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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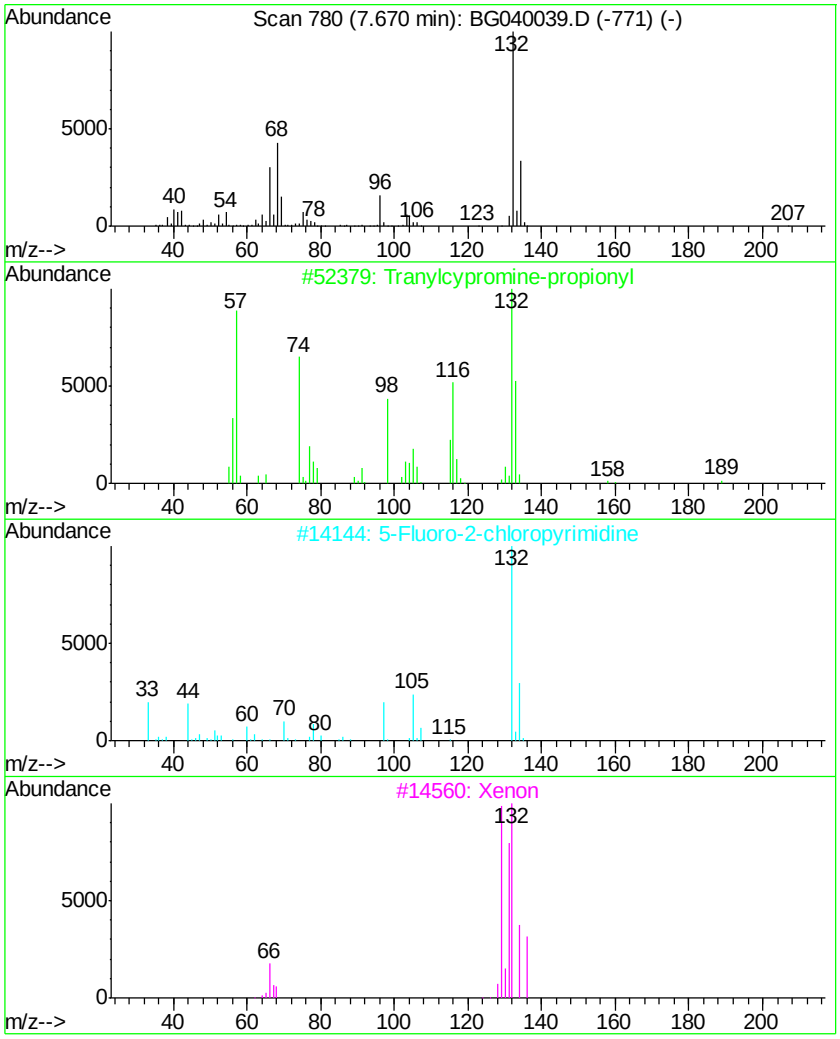
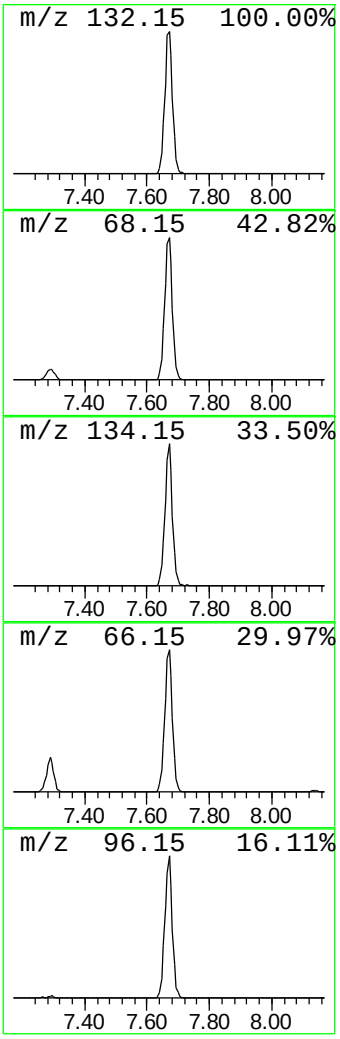
Peak Number 1 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	81.31 ng	925837	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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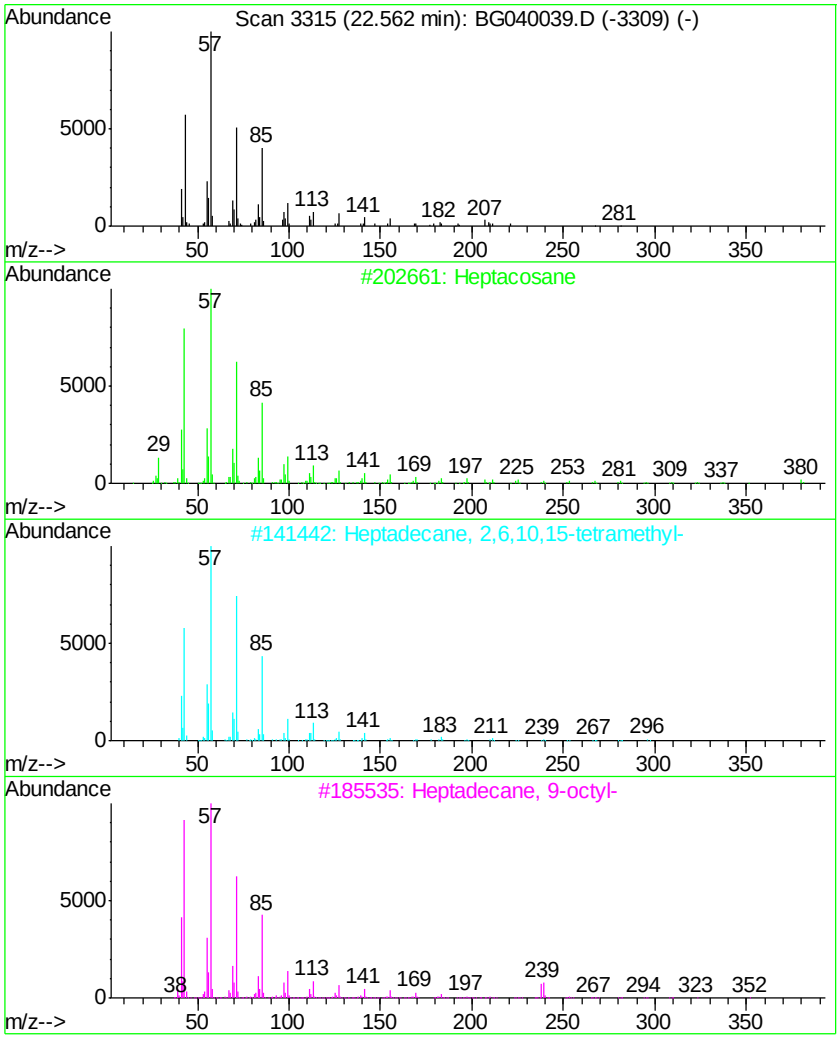
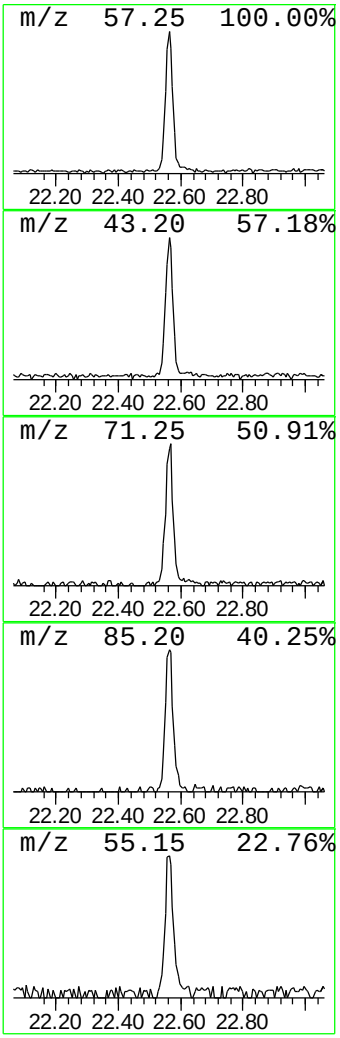
Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.65 ng	115137	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Pentadecane	212	C15H32	000629-62-9	91





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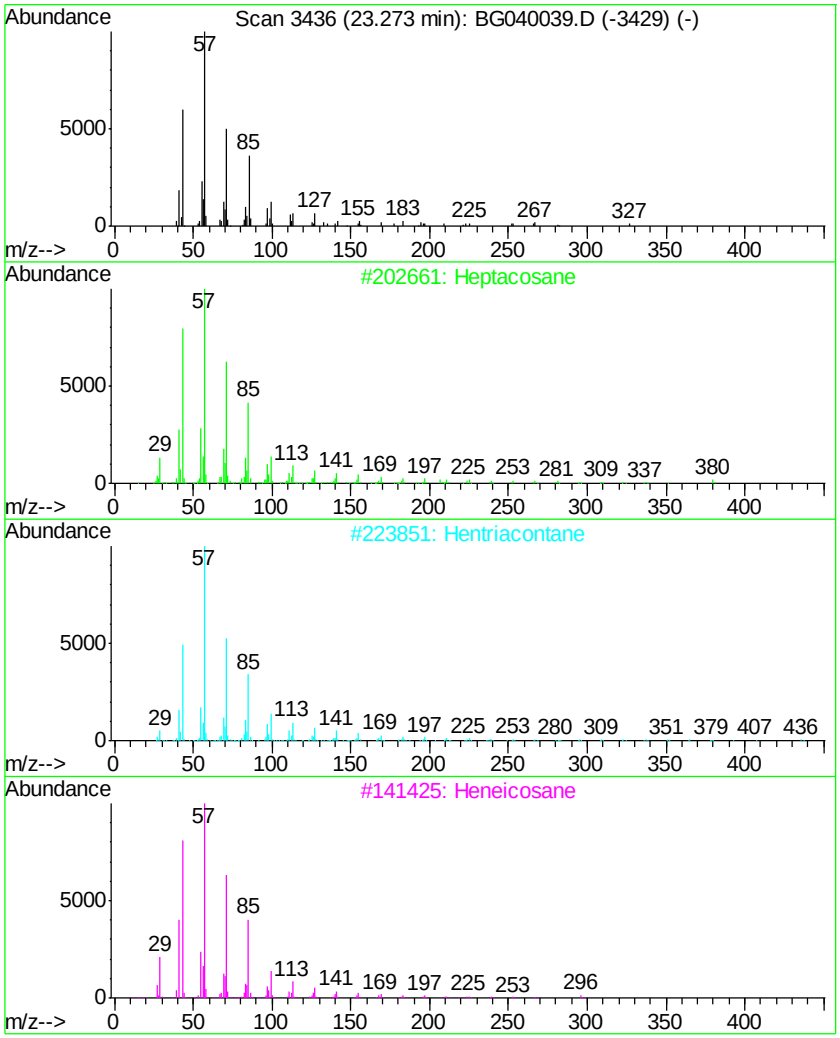
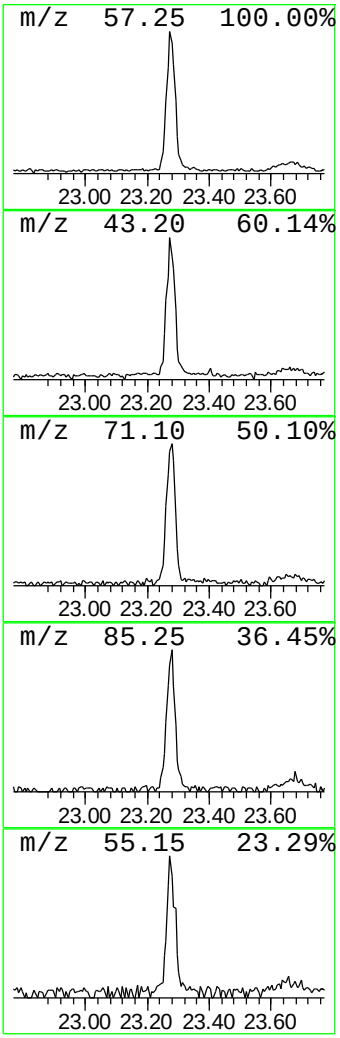
Peak Number 4 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.21 ng	139220	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Hentriacontane	437	C31H64	000630-04-6	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Octacosane	394	C28H58	000630-02-4	81
5	Hexacosane	366	C26H54	000630-01-3	81





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Instrument : BNA_G
ClientSampleId : PB118051BL

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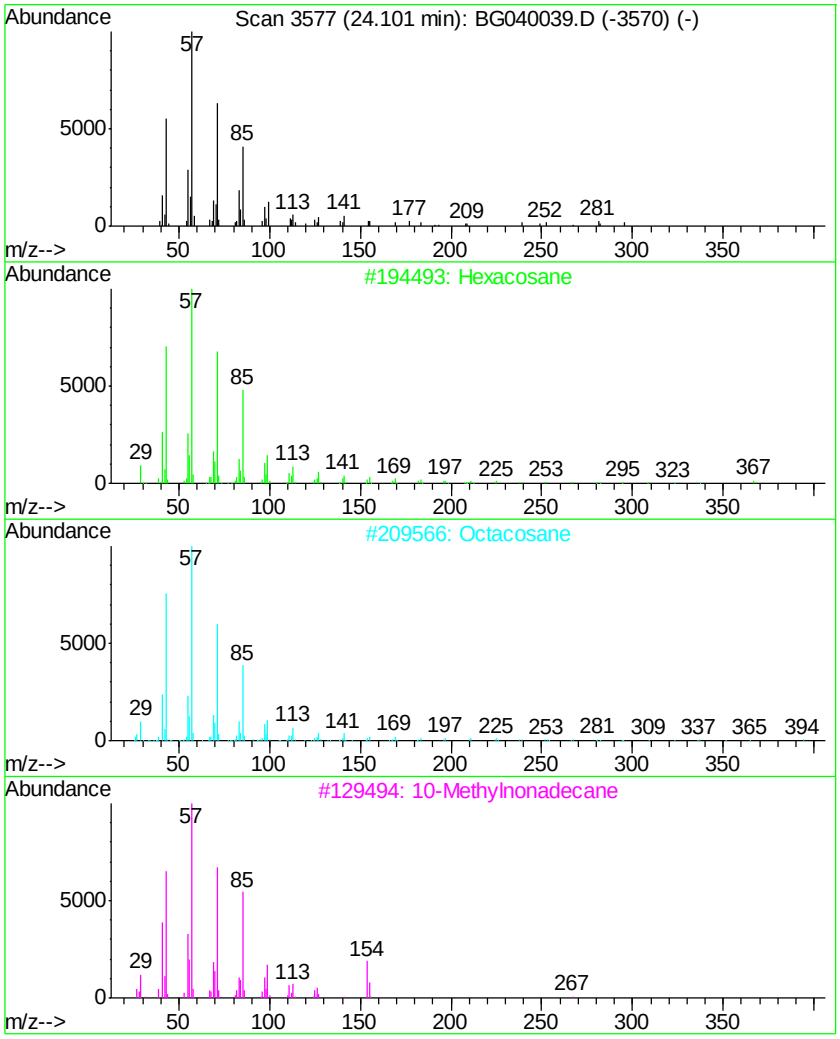
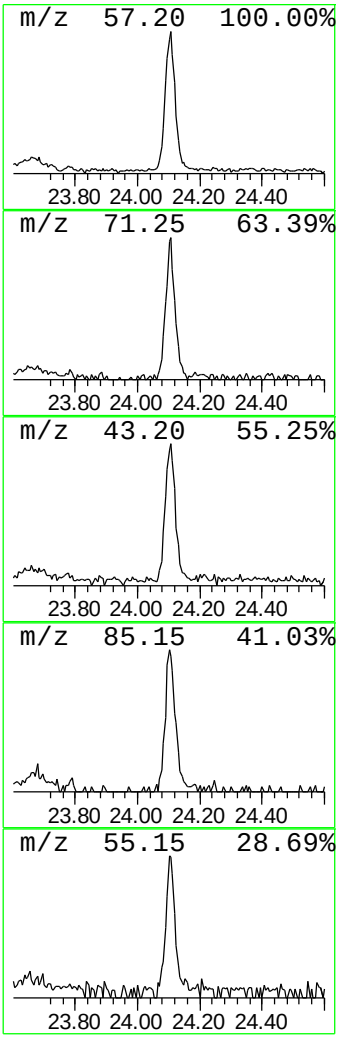
Peak Number 5 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.88 ng	117531	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Octacosane	394	C28H58	000630-02-4	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_G
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TIC Library : C:\Database\NIST11.L
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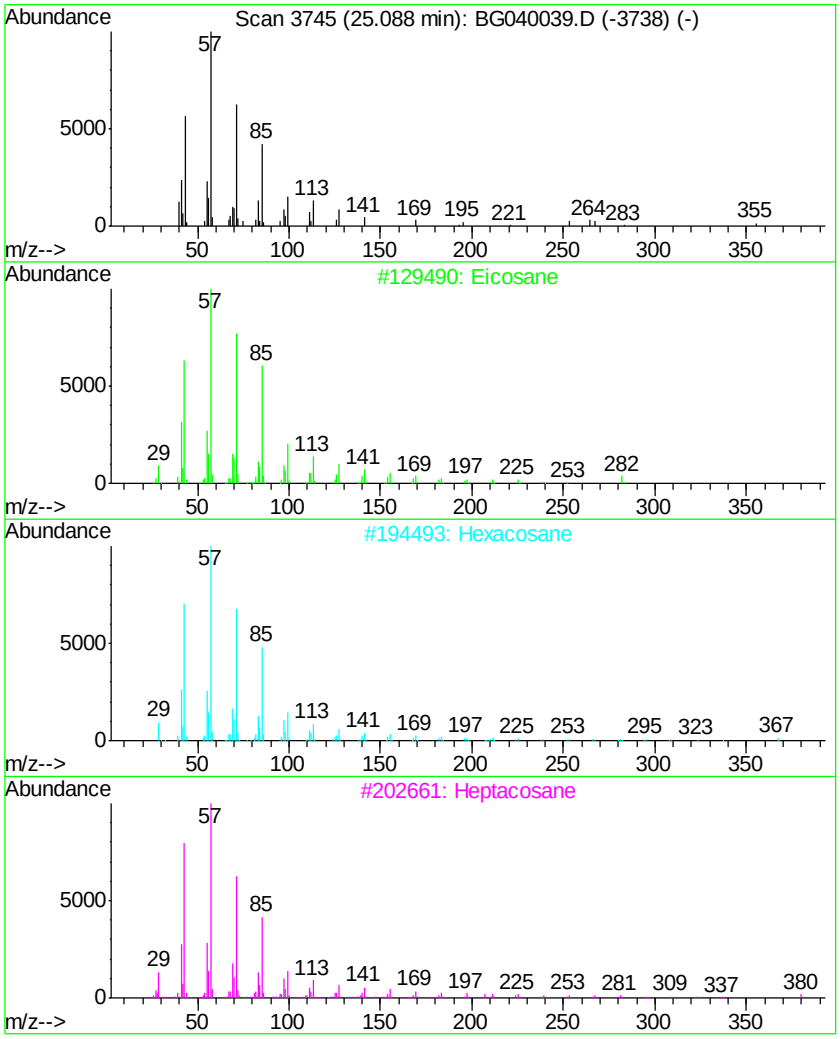
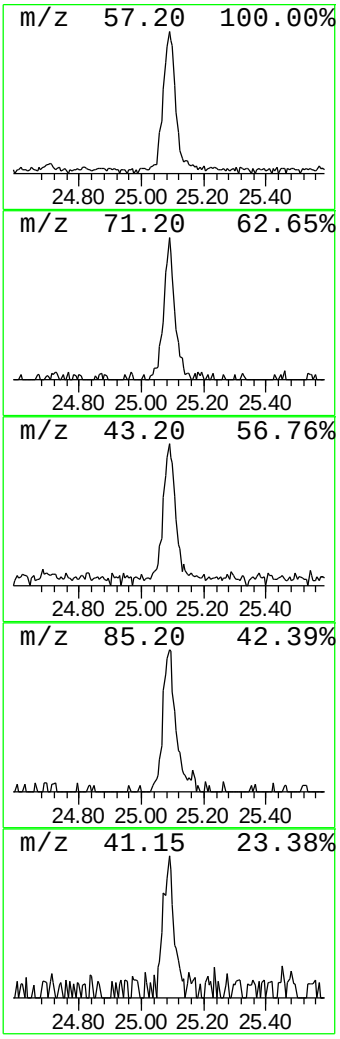
Peak Number 6 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.09	2.01 ng	82159	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Hexacosane	366	C26H54	000630-01-3	80
3	Heptacosane	380	C27H56	000593-49-7	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Nonadecane	268	C19H40	000629-92-5	80





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.67	7.67	81.3	ng	925837	1	8.14	227717	20.0
Heptacosane	22.56	2.6	ng	115137	5	21.80	868267	20.0
Hentriacontane	23.27	3.2	ng	139220	5	21.80	868267	20.0
Hexacosane	24.10	2.9	ng	117531	6	25.15	816245	20.0
Eicosane	25.09	2.0	ng	82159	6	25.15	816245	20.0