LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032019\
Data File : BG040043.D
Acq On : 20 Mar 2019 19:43
Operator : JU/SJ
Sample : PB118078BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118078BL

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	3.194	15	18	25	rVB2	26104	43476	1.56%	0.324%
2	5.685	436	442	456	rVB	576177	926401	33.34%	6.914%
3	7.289	704	715	727	rBV	603862	1038182	37.36%	7.748%
4	7.670	772	780	788	rBV	573324	982308	35.35%	7.331%
5	8.140	853	860	868	rBV	123621	211234	7.60%	1.576%
6	8.463	908	915	923	rBV	414288	712074	25.63%	5.314%
7	9.315	1051	1060	1069	rBV	349441	622535	22.41%	4.646%
8	10.960	1332	1340	1351	rBV	172125	309679	11.15%	2.311%
9	13.392	1746	1754	1761	rBV	1002060	1572712	56.60%	11.737%
10	14.767	1982	1988	1997	rBV2	295372	467822	16.84%	3.491%
11	16.253	2234	2241	2251	rBV	793537	1203557	43.32%	8.982%
12	17.510	2449	2455	2464	rVB2	431710	643250	23.15%	4.800%
13	20.107	2891	2897	2903	rBV	2124530	2778536	100.00%	20.736%
14	21.798	3178	3185	3195	rVB	485695	782550	28.16%	5.840%
15	21.939	3204	3209	3216	rVB3	23191	37673	1.36%	0.281%
16	22.562	3309	3315	3328	rBV	45836	83203	2.99%	0.621%
17	23.273	3431	3436	3446	rVB2	48149	92749	3.34%	0.692%
18	24.101	3571	3577	3583	rBV3	35998	77498	2.79%	0.578%
19	25.082	3736	3744	3747	rBV3	23223	53304	1.92%	0.398%
20	25.153	3748	3756	3769	rVB	245969	719544	25.90%	5.370%
21	26.251	3936	3943	3950	rBV8	14266	41441	1.49%	0.309%

Sum of corrected areas: 13399728

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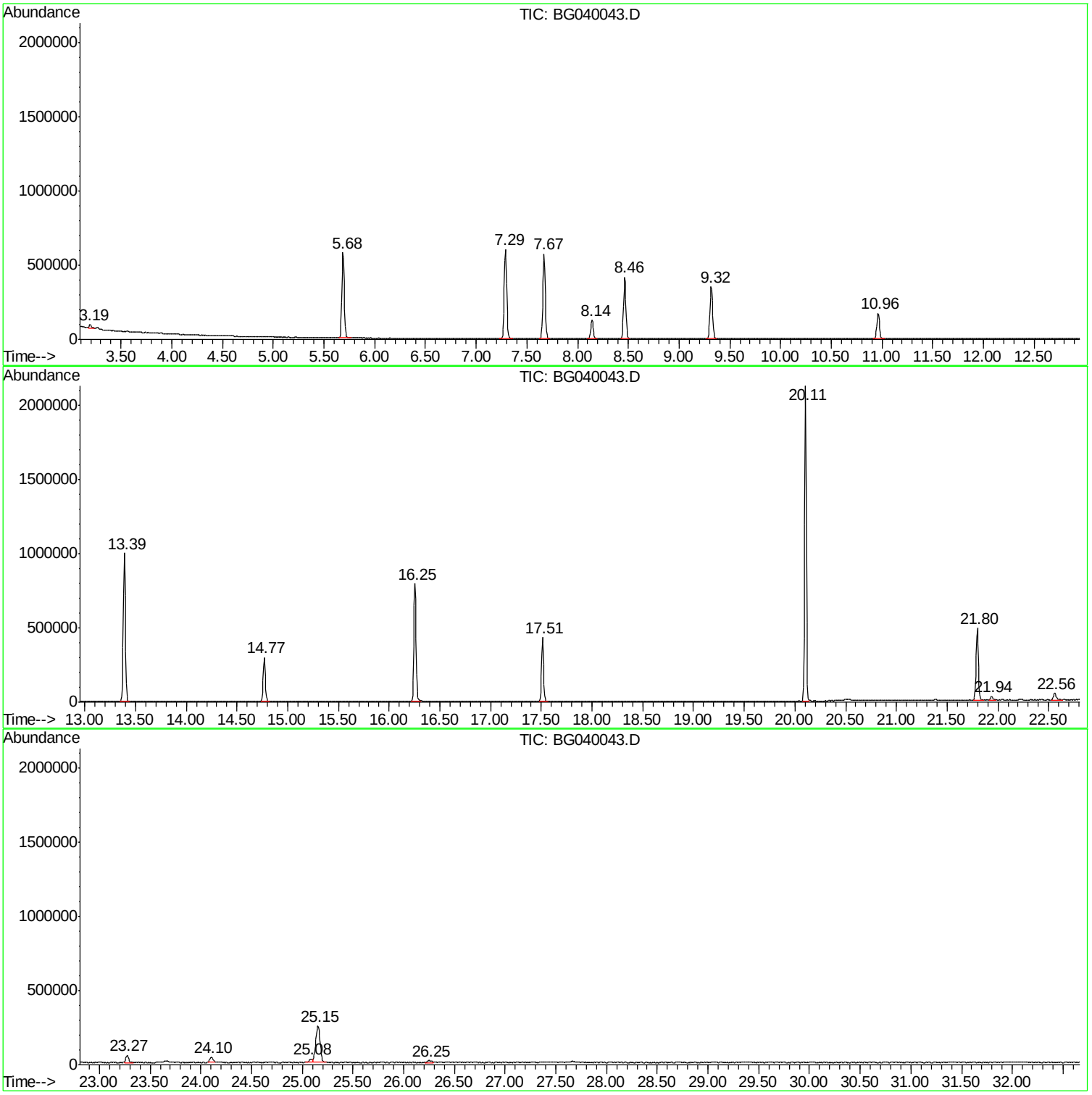
PB118078BL

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



Library Search Compound Report

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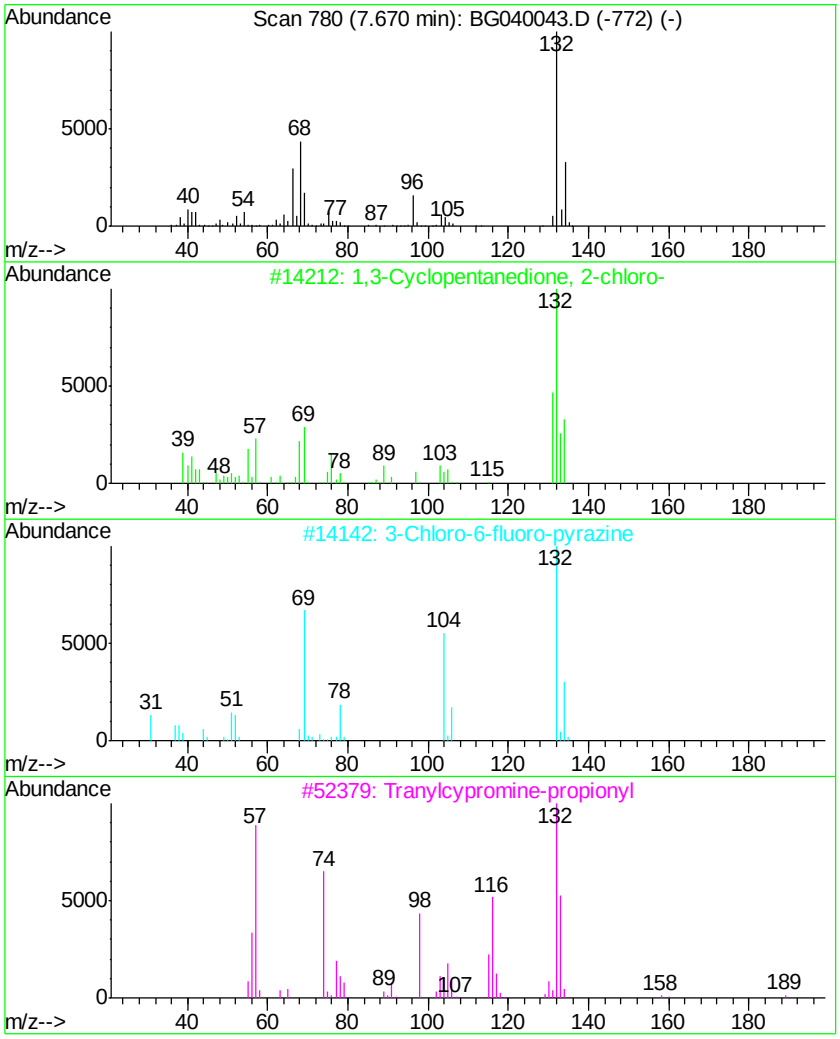
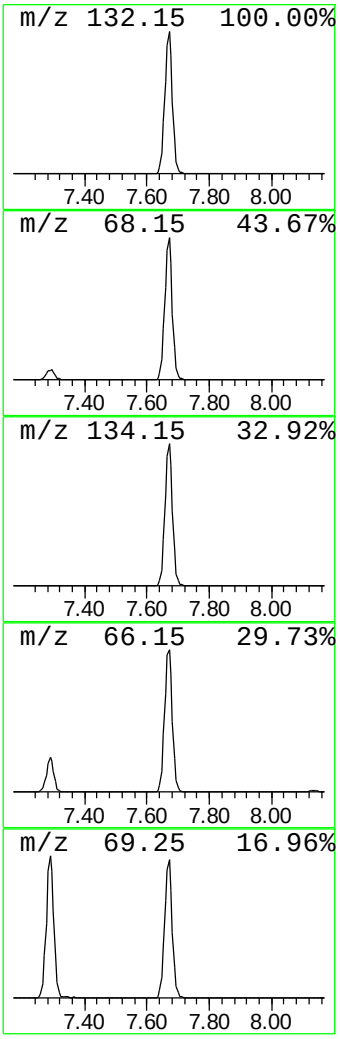
Peak Number 2 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	93.01 ng	982308	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
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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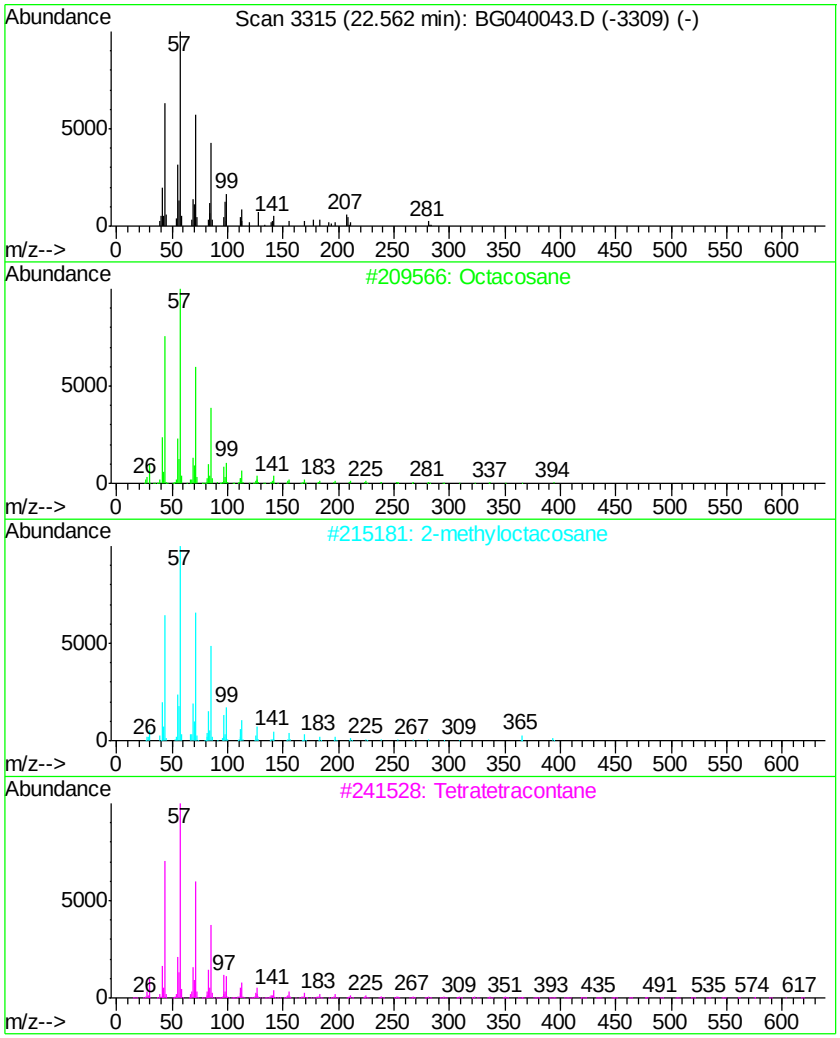
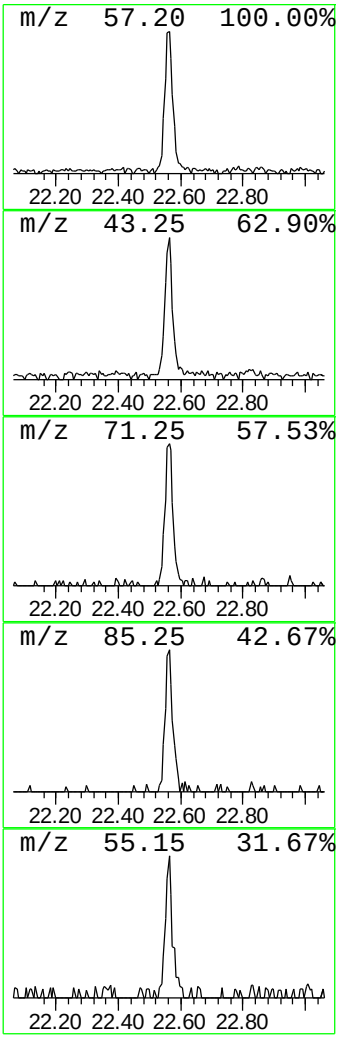
Peak Number 4 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.56	2.13 ng	83203	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Heneicosane	296	C21H44	000629-94-7	86





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Instrument : BNA_G
ClientSampleId : PB118078BL

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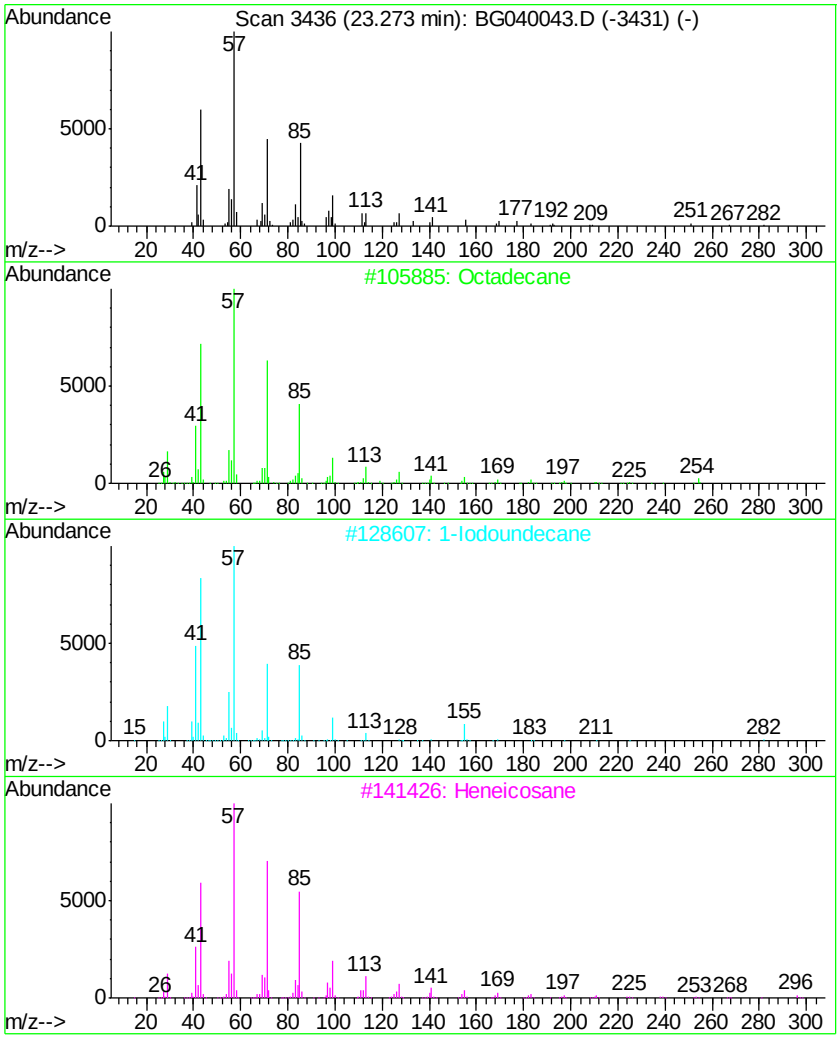
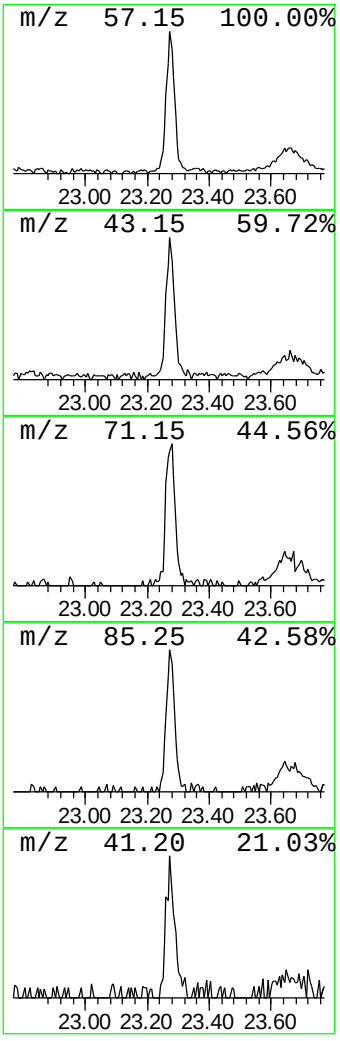
Peak Number 5 Octadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	2.37 ng	92749	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	1-Iodoundecane	282	C11H23I	004282-44-4	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	2-methyloctacosane	408	C29H60	1000376-72-8	83
5	Hentriacontane	437	C31H64	000630-04-6	72





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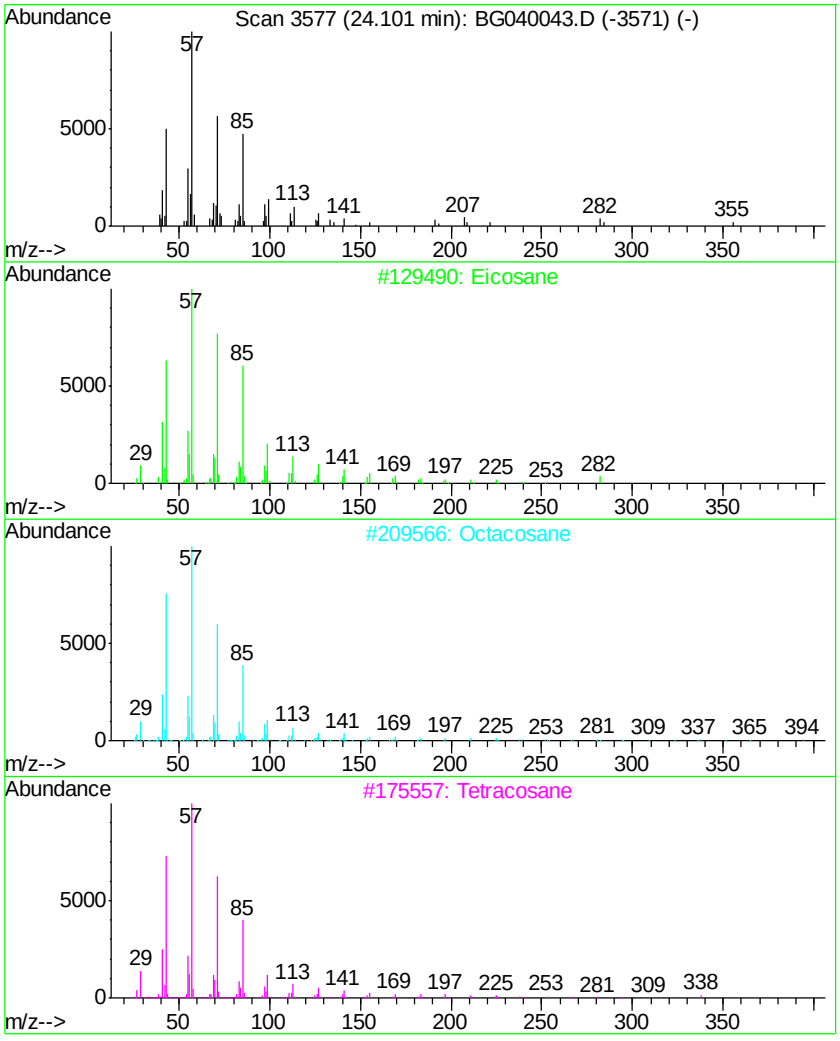
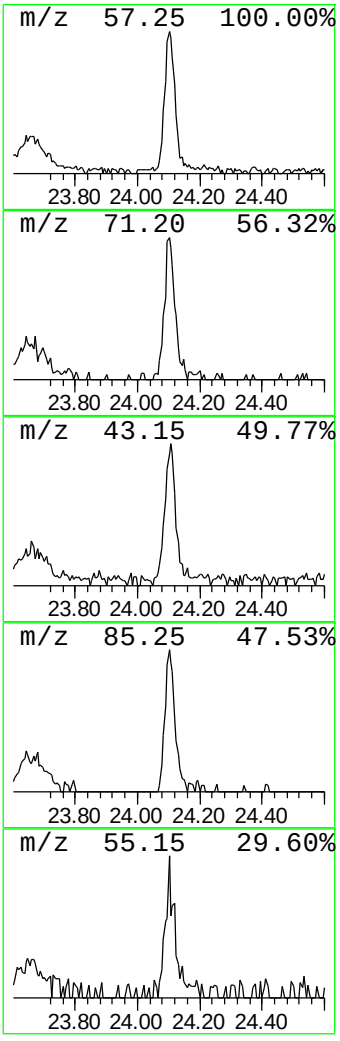
Peak Number 6 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.10	2.15 ng	77498	Perylene-d12	25.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





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	93.0	ng	982308	1	8.14	211234	20.0
Octacosane	22.56	2.1	ng	83203	5	21.80	782550	20.0
Octadecane	23.27	2.4	ng	92749	5	21.80	782550	20.0
Eicosane	24.10	2.1	ng	77498	6	25.15	719544	20.0