

# Quantitation Report (QT Reviewed)

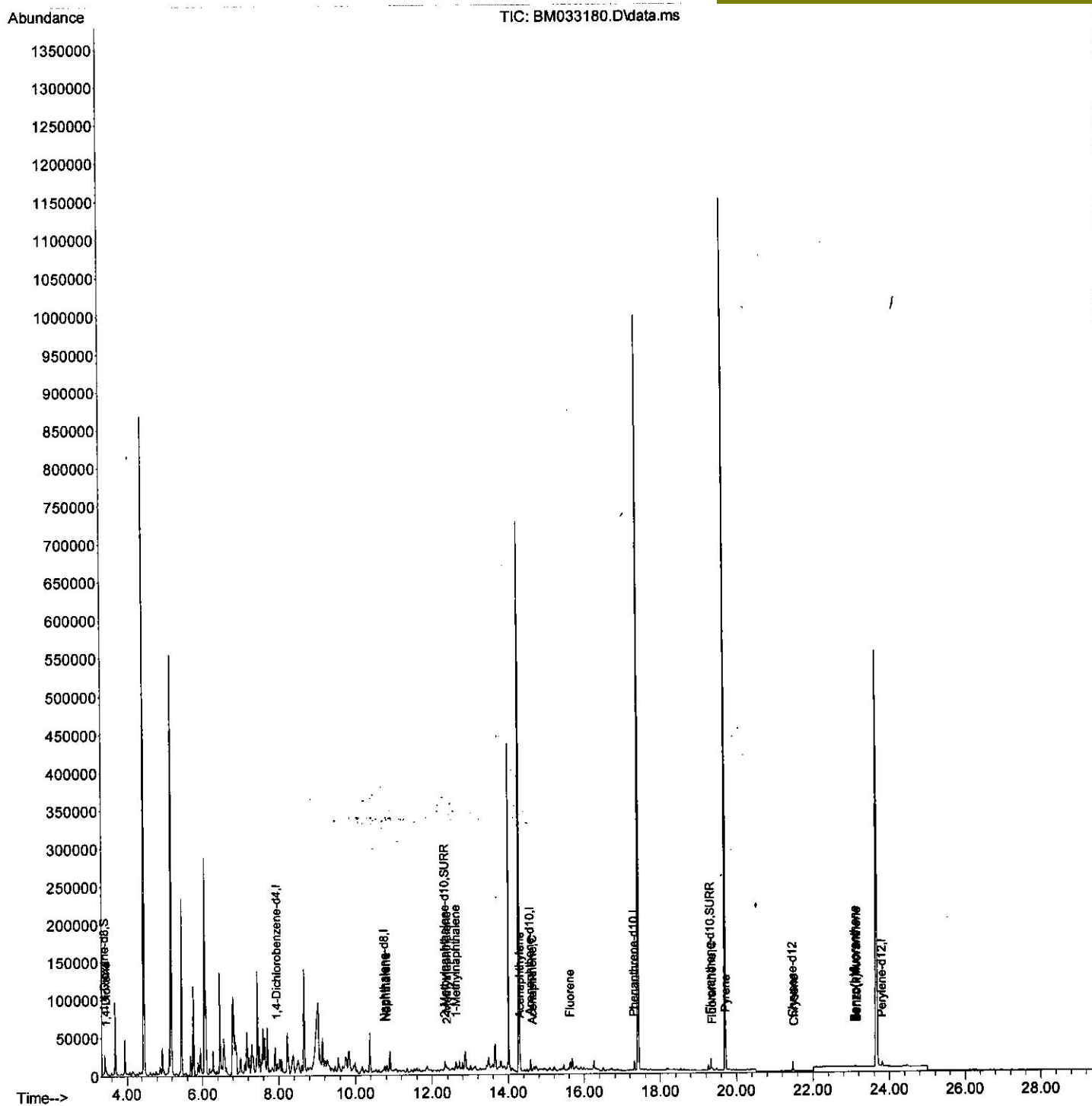
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111921\  
 Data File : BM033180.D  
 Acq On : 19 Nov 2021 17:41  
 Operator : CG/JU  
 Sample : M4677-14  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 H0AA8

Quant Time: Nov 20 01:04:16 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM111921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 19 15:41:12 2021  
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Jagrut Upadhyay 11/22/2021  
 Supervised By : mohammad ahmed 11/24/2021



# Quantitation Report (Qedit)

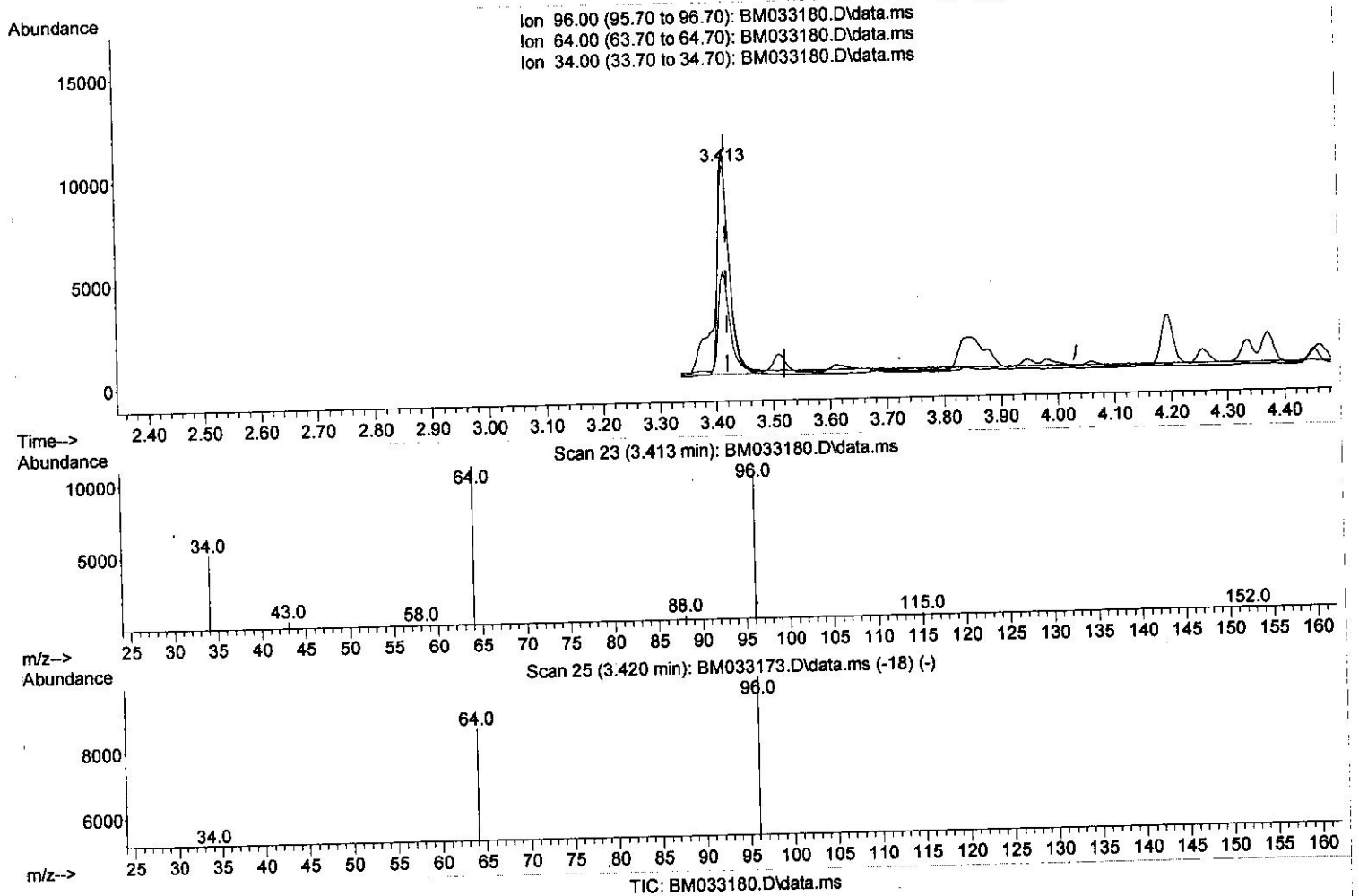
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(3) 1,4-Dioxane-d8 (8)

3.413min (-0.007) 6.09 ng/ul

response 18453

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.00	106.67#
34.00	32.60	49.68#
0.00	0.00	0.00

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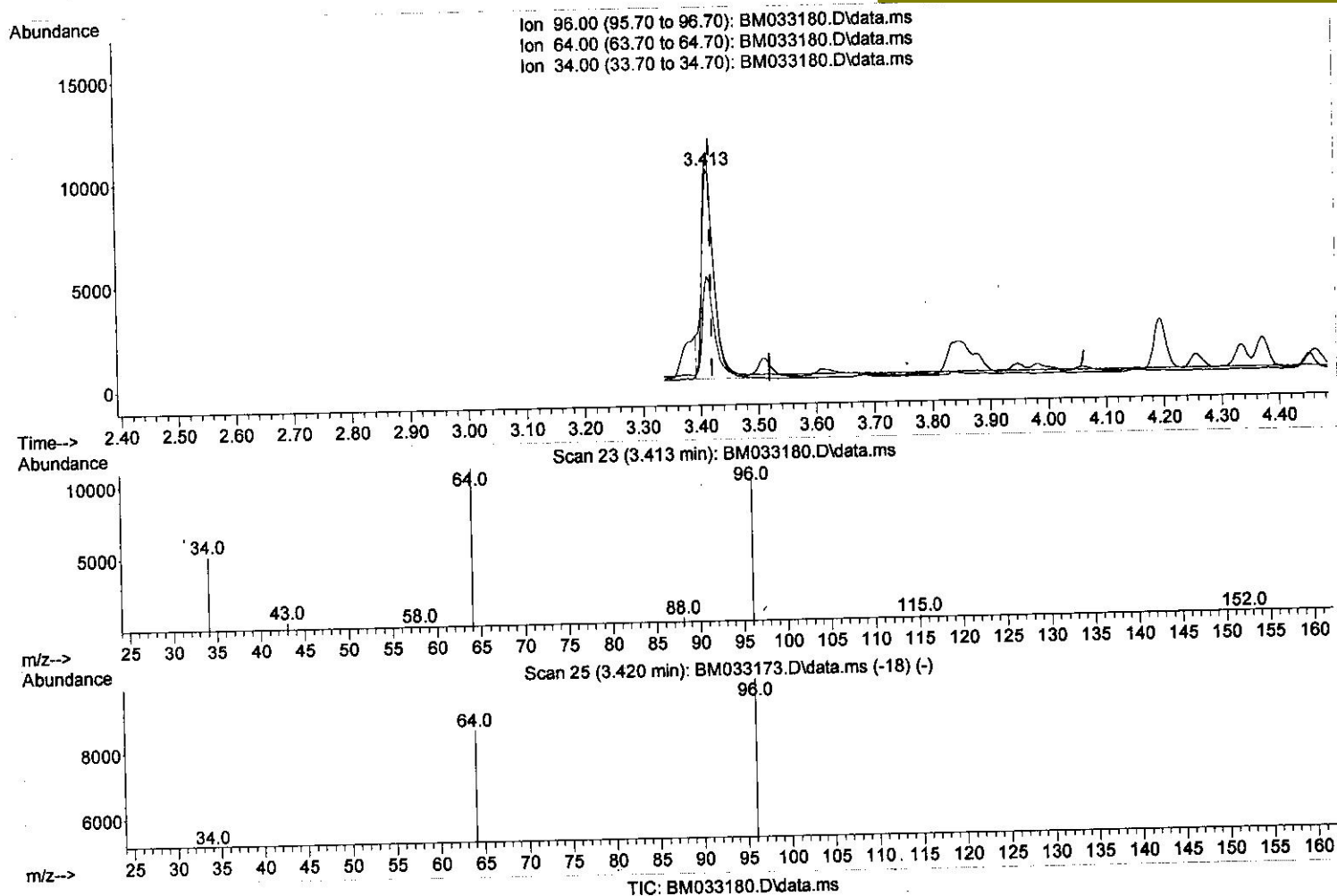
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(3) 1,4-Dioxane-d8 (S)

3.413min (-0.007) 5.11 ng/ul m

response 15475

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.00	106.67#
34.00	32.60	49.68#
0.00	0.00	0.00

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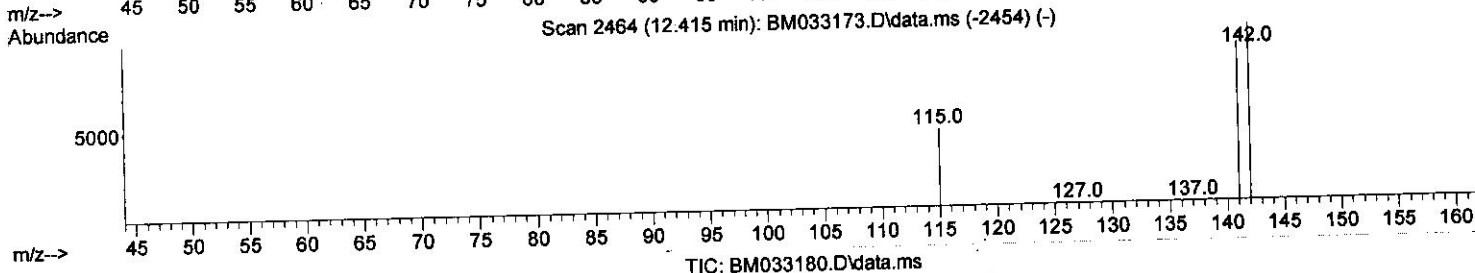
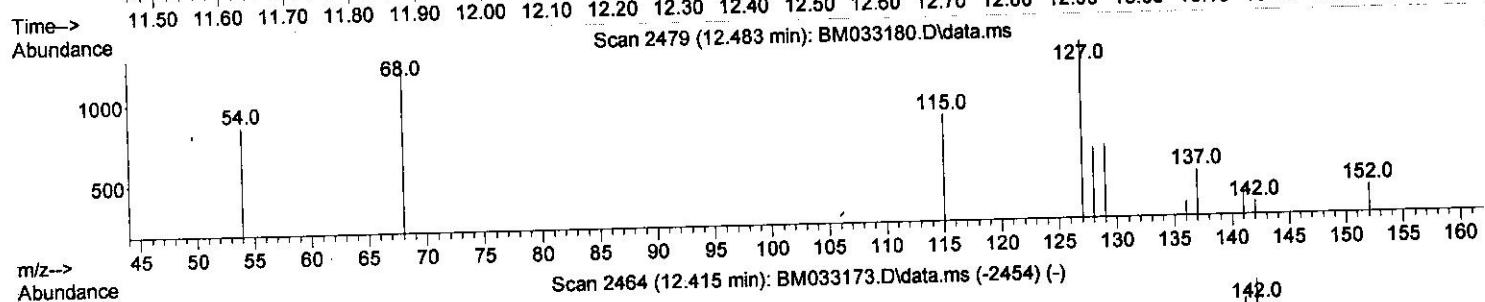
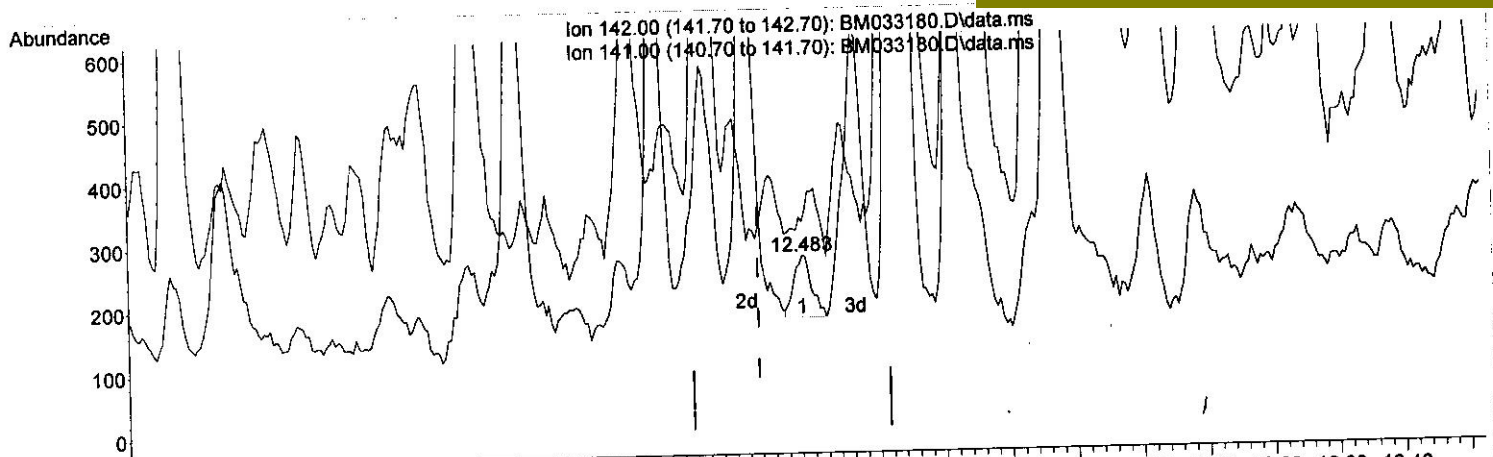
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## (7) 2-Methylnaphthalene

12.483min (+ 0.068) 0.01 ng/ul

response 184

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	98.91
0.00	0.00	0.00
0.00	0.00	0.00

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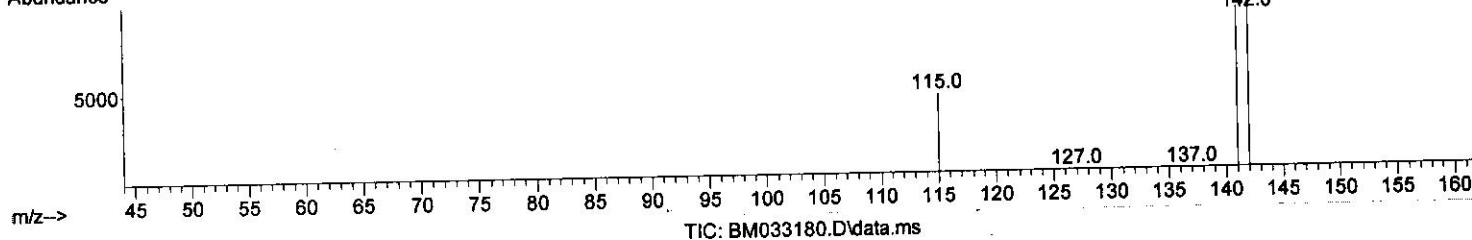
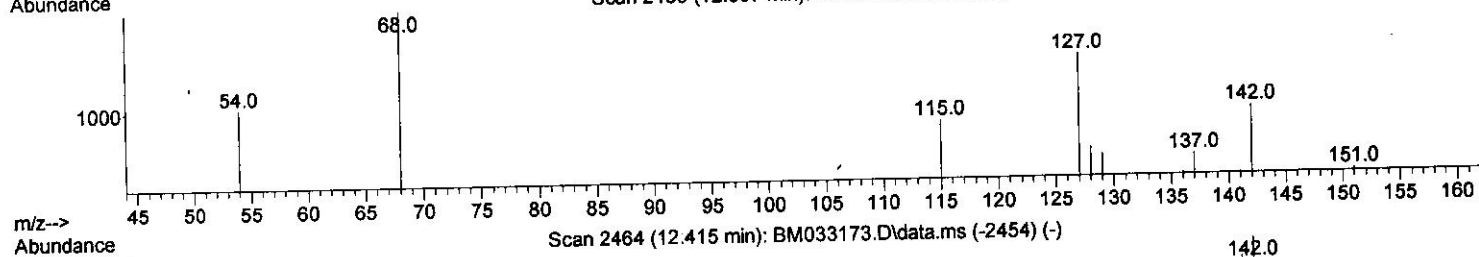
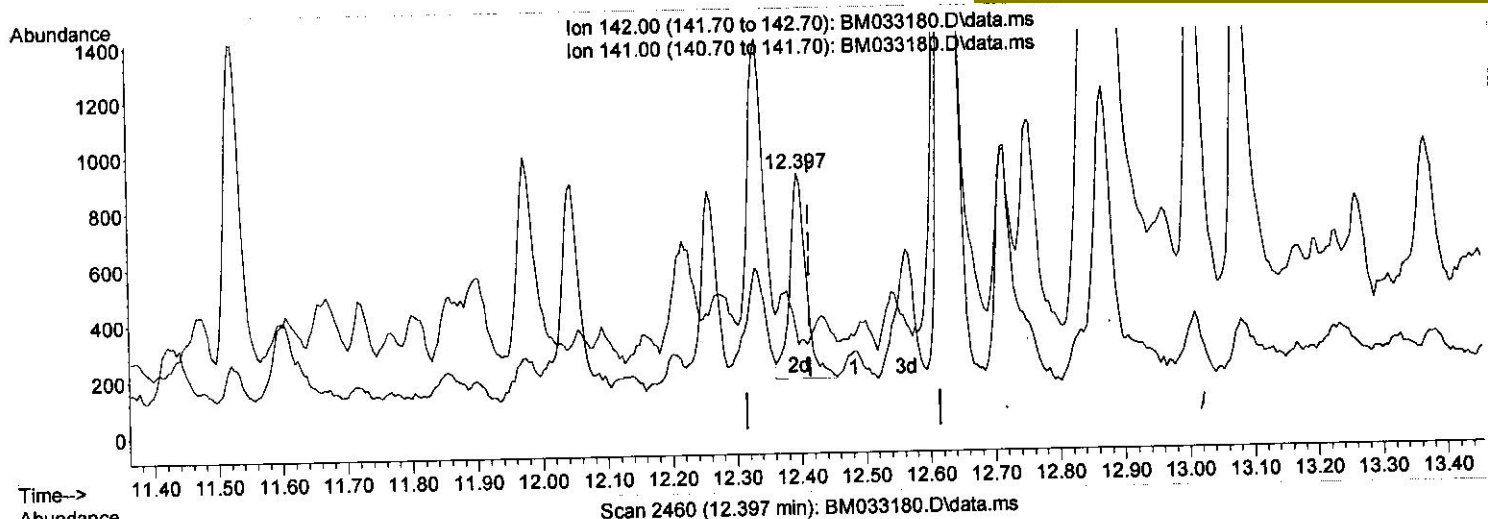
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Instrument :  
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(7) 2-Methylnaphthalene

12.397min (-0.018) 0.06 ng/ul m

response 1274

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	14.29#
0.00	0.00	0.00
0.00	0.00	0.00



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	3222	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	10893	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8627	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.316	188	14681	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.472	240	10296	0.400	ng/ul	# 0.00
23) Perylene-d12	23.817	264	8232	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.413	96	15475m	5.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.339	152	5917	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.330	212	15643	0.524	ng/ul	0.00
Target Compounds						
2) 1,4-Dioxane	3.451	88	1081	0.317	ng/ul#	1
5) Naphthalene	10.810	128	5748	0.170	ng/ul#	52
7) 2-Methylnaphthalene	12.397	142	1274m	0.058	ng/ul	
8) 1-Methylnaphthalene	12.631	142	6731	0.311	ng/ul#	76
10) Acenaphthylene	14.306	152	2418	0.060	ng/ul#	1
11) Acenaphthene	14.644	153	3525	0.107	ng/ul	89
12) Fluorene	15.626	166	5275	0.141	ng/ul#	76
19) Fluoranthene	19.360	202	1018	0.021	ng/ul#	1
20) Pyrene	19.722	202	1117	0.023	ng/ul#	33
22) Chrysene	21.511	228	887	0.022	ng/ul#	55
24) Benzo(b)fluoranthene	23.102	252	771	0.021	ng/ul#	1
25) Benzo(k)fluoranthene	23.148	252	747	0.020	ng/ul#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed