

# Quantitation Report (QT Reviewed)

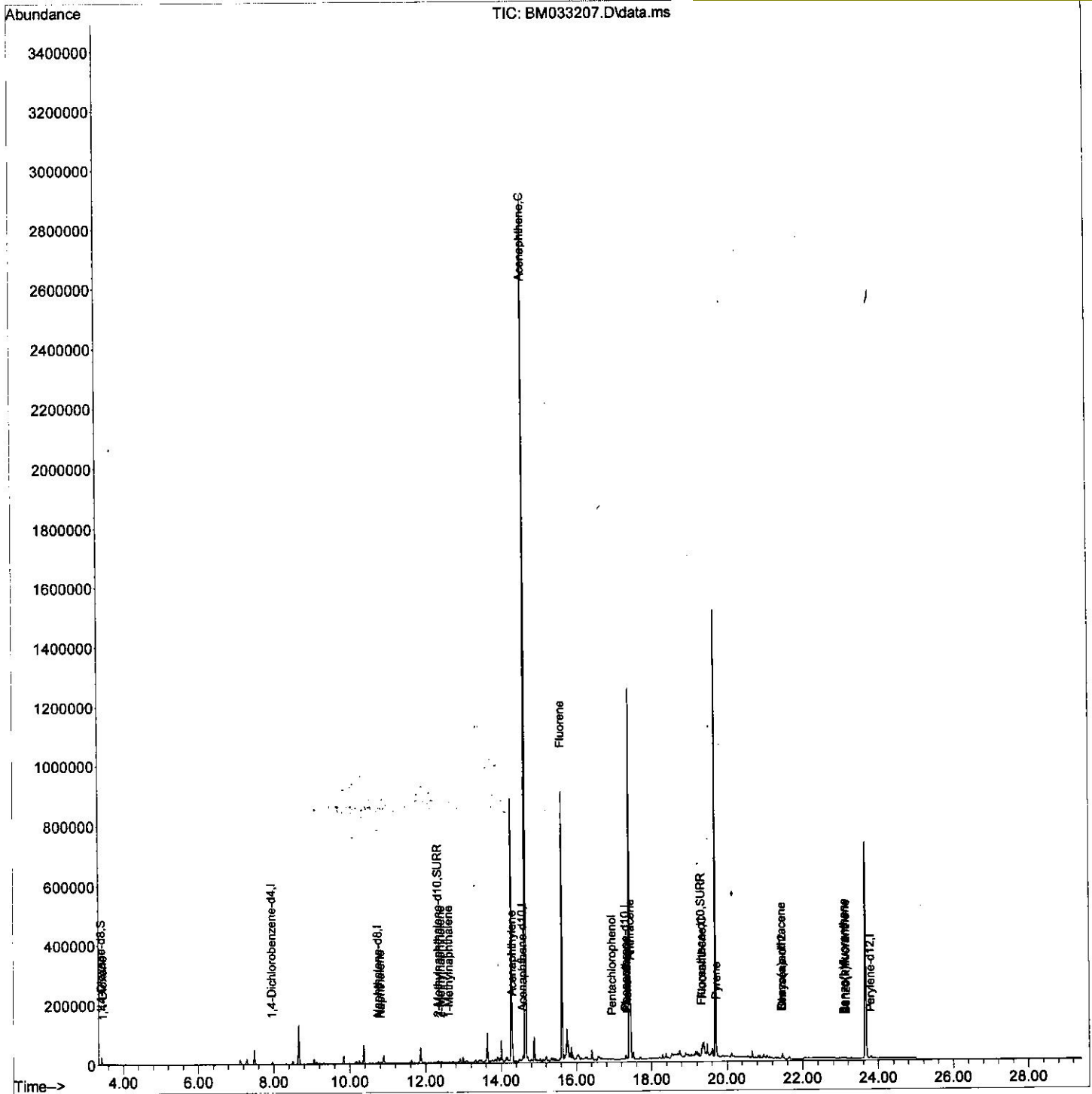
Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111921\  
 Data File : BM033207.D  
 Acq On : 20 Nov 2021 10:23  
 Operator : CG/JU  
 Sample : M4725-03  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 Client Sampled :  
 F4L06

Quant Time: Nov 22 00:50:31 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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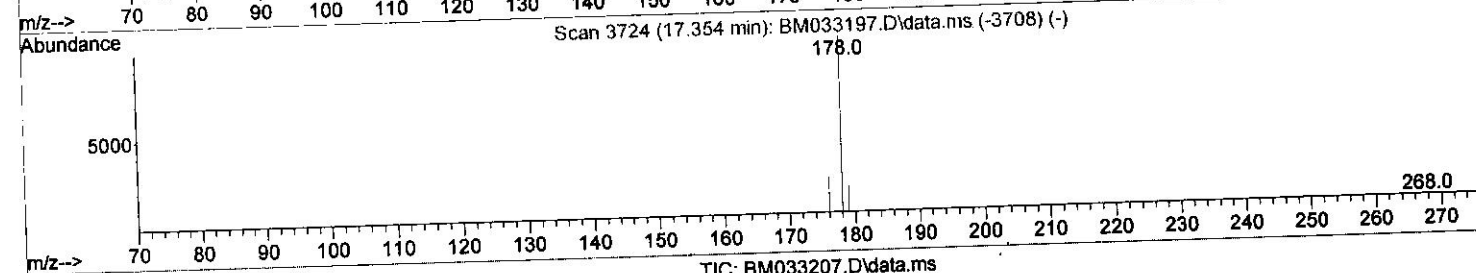
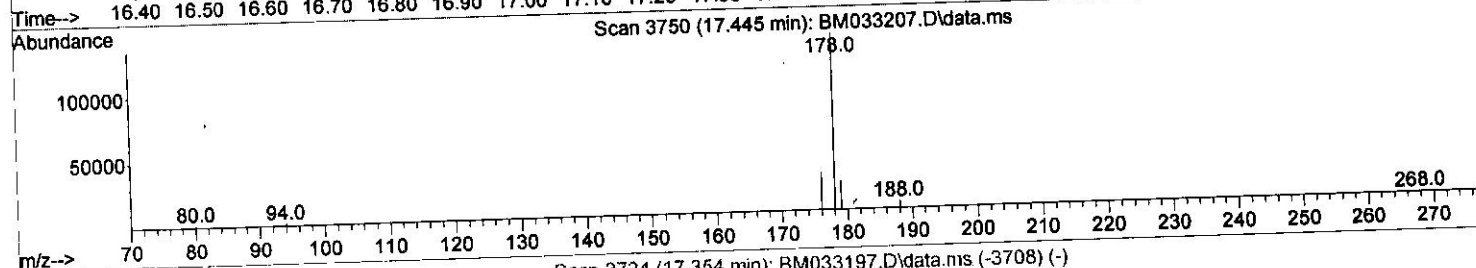
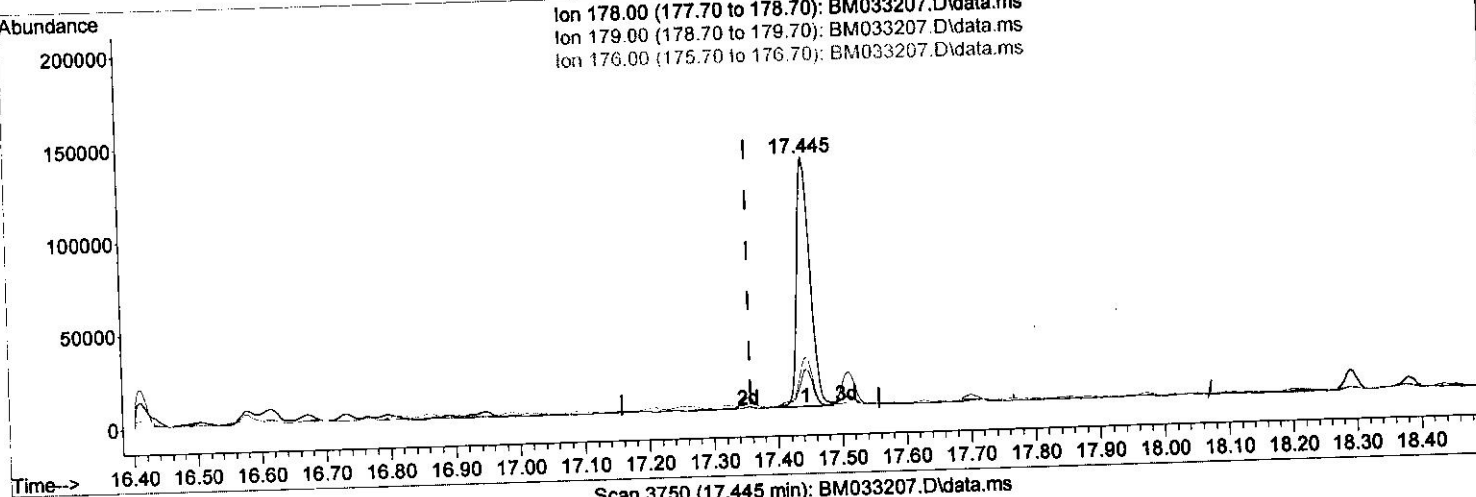
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Ion 178.00 (177.70 to 178.70): BM033207.D\data.ms  
 Ion 179.00 (178.70 to 179.70): BM033207.D\data.ms  
 Ion 176.00 (175.70 to 176.70): BM033207.D\data.ms



(15) Phenanthrene

17.445min (+ 0.087) 2.86 ng/ul

response 191650

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	15.91
176.00	20.00	20.95
0.00	0.00	0.00

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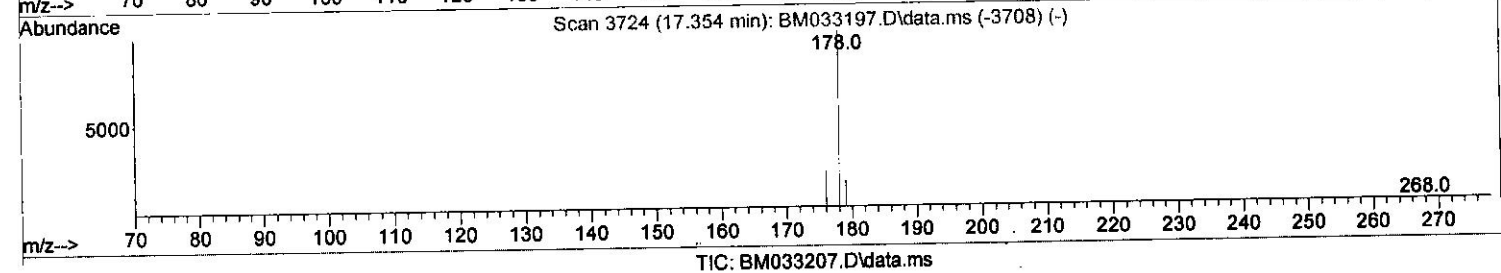
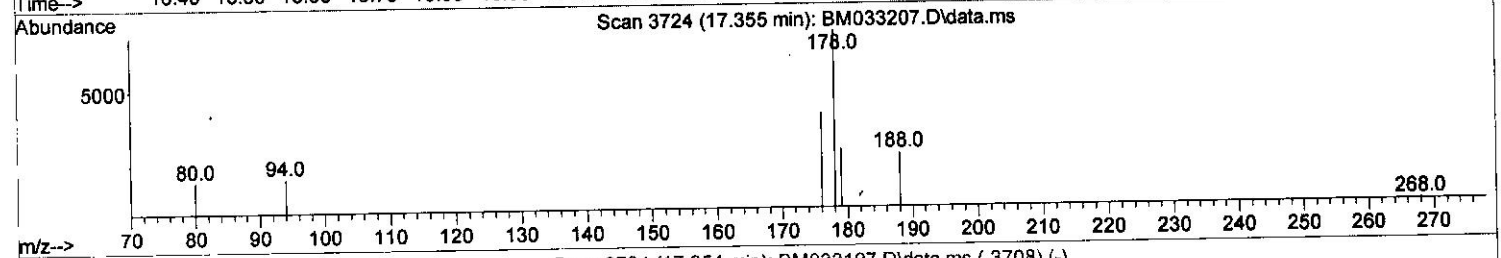
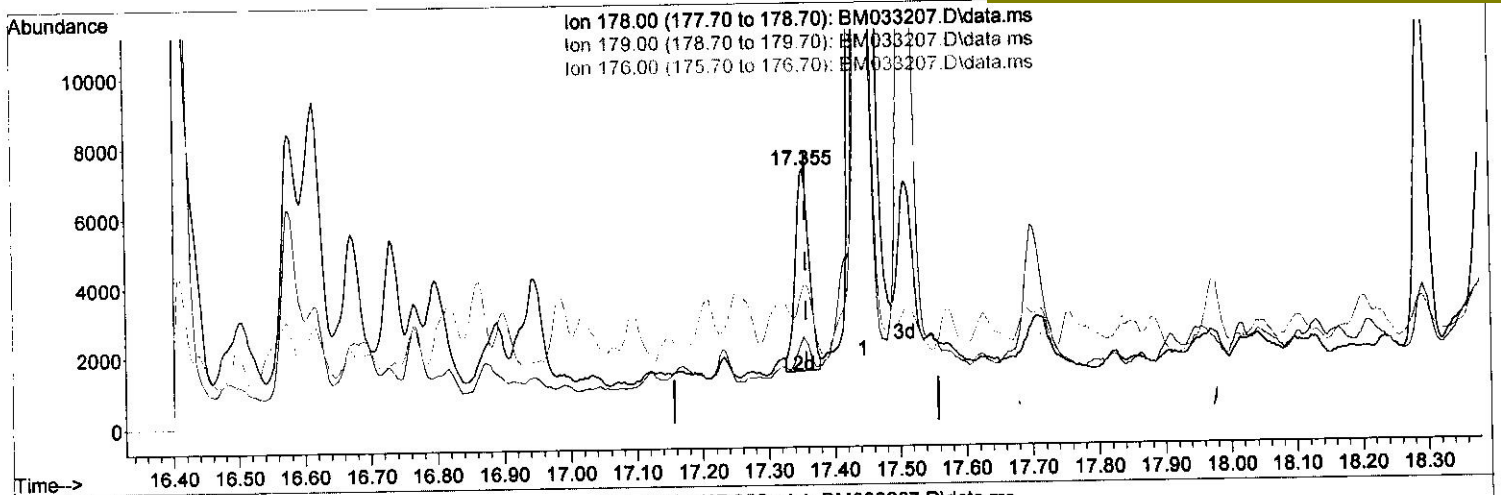
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(15) Phenanthrene

17.355min (-0.003) 0.13 ng/ul m 3.20 11/29/21

response 8402

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	33.35#
176.00	20.00	53.87#
0.00	0.00	0.00

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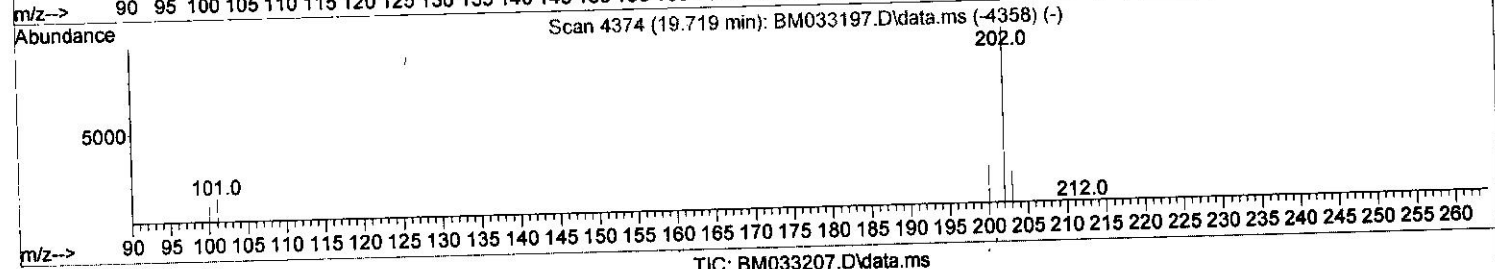
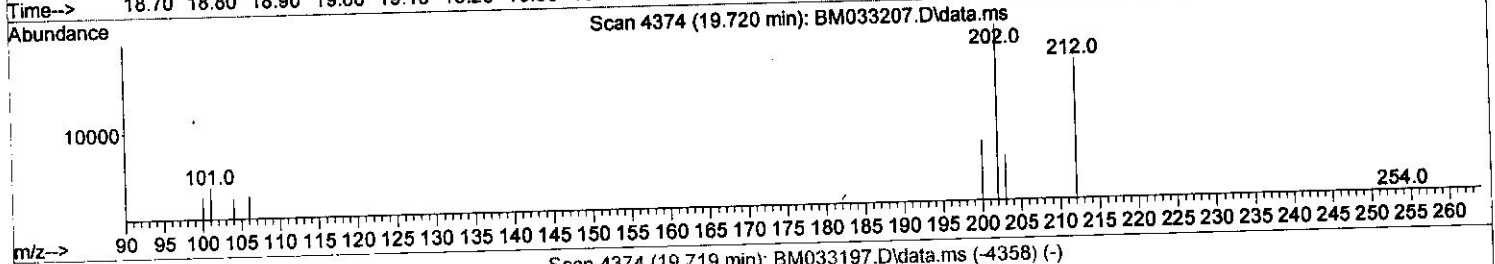
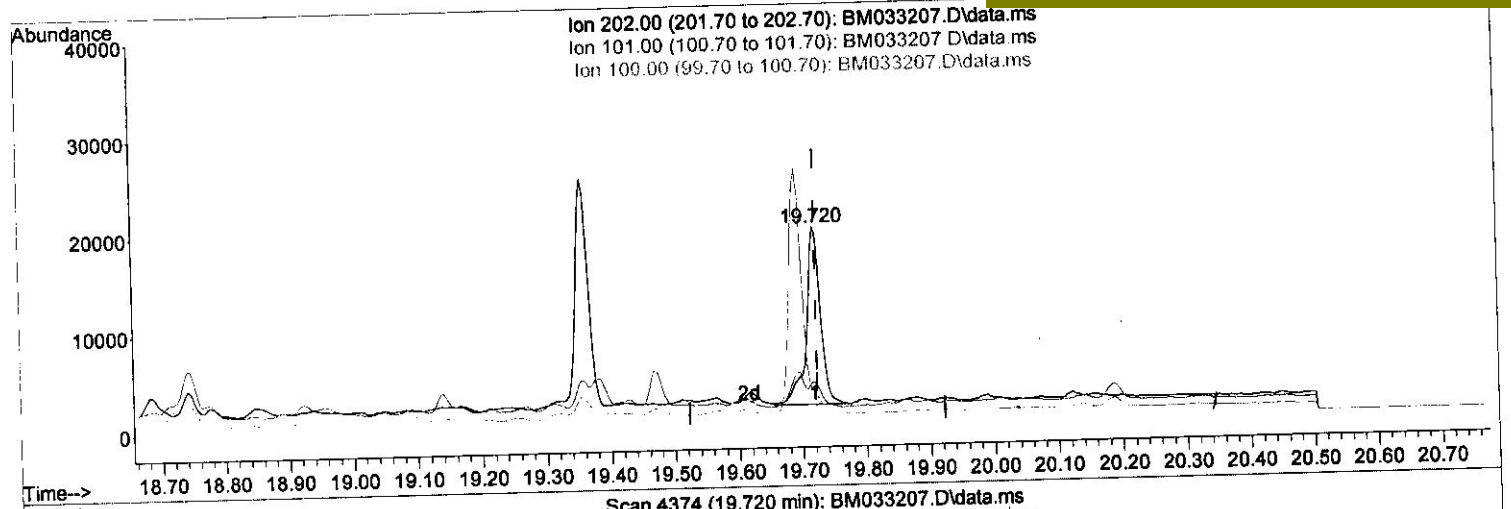
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TIC: BM033207.D\data.ms

(20) Pyrene

19.720min (-0.004) 0.28 ng/ul

response 27954

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	19.79#
100.00	11.90	14.76#
0.00	0.00	0.00

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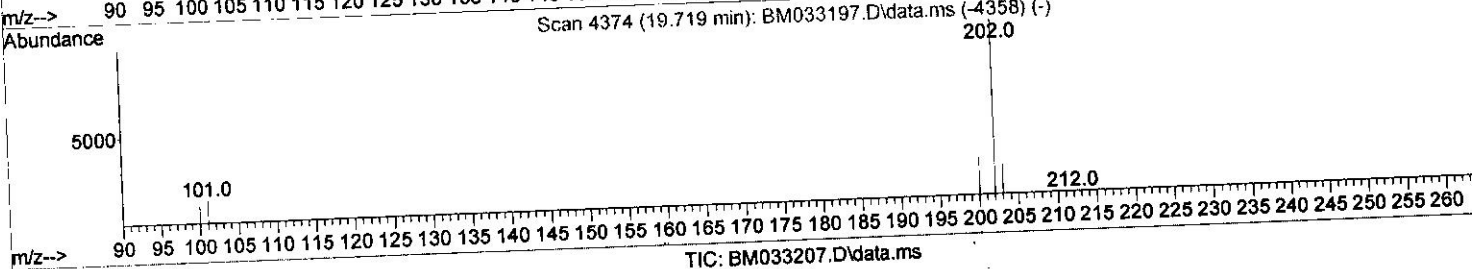
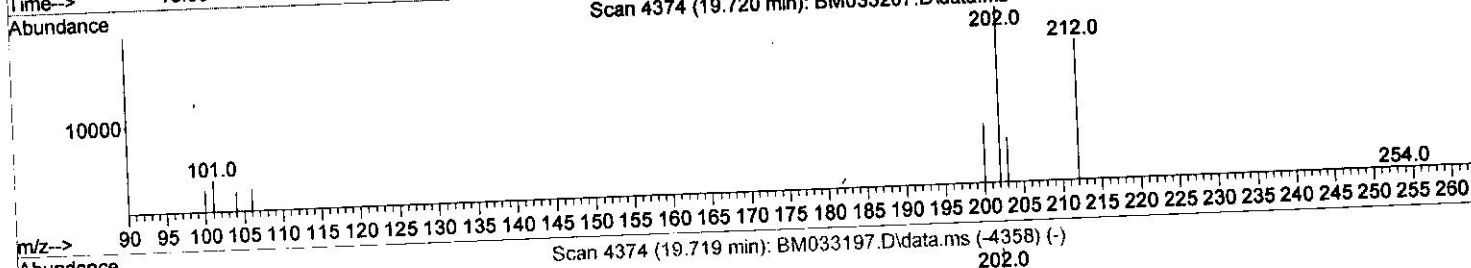
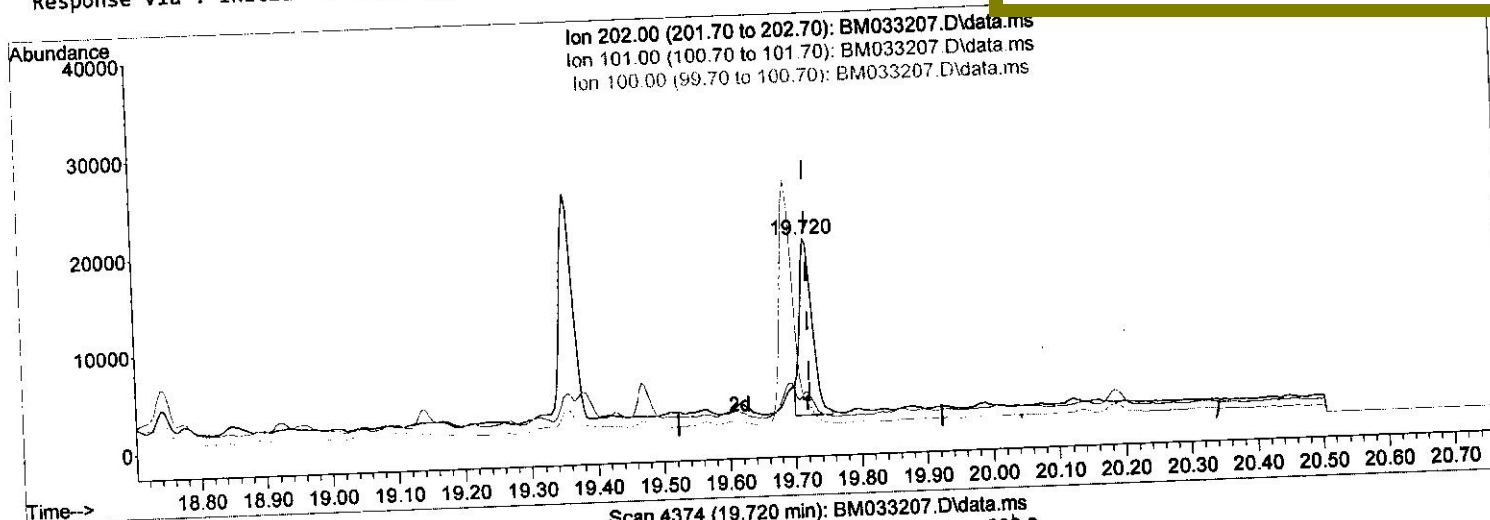
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(20) Pyrene

19.720min (-0.004) 0.25 ng/ul m 11/29/21

response 24575

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	14.70	19.79#
100.00	11.90	14.76#
0.00	0.00	0.00



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
<b>Internal Standards</b>						
1) 1,4-Dichlorobenzene-d4	7.960	152	3647	0.40	ng/ul	0.00
4) Naphthalene-d8	10.751	136	10939	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	9359	0.40	ng/ul	# 0.00
13) Phenanthrene-d10	17.309	188	18496	0.40	ng/ul	# -0.01
17) Chrysene-d12	21.466	240	20809	0.40	ng/ul	# 0.00
23) Perylene-d12	23.805	264	10278	0.40	ng/ul	0.00
<b>System Monitoring Compounds</b>						
3) 1,4-Dioxane-d8	3.410	96	16610	4.84	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.334	152	6901	0.46	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	37956	0.63	ng/ul	0.00
<b>Target Compounds</b>						
						Qvalue
2) 1,4-Dioxane	3.448	88	890	0.23	ng/ul#	69
5) Naphthalene	10.805	128	2816	0.08	ng/ul#	67
7) 2-Methylnaphthalene	12.406	142	718	0.03	ng/ul#	67
8) 1-Methylnaphthalene	12.627	142	2427	0.11	ng/ul	84
10) Acenaphthylene	14.299	152	48363	1.11	ng/ul#	93
11) Acenaphthene	14.641	153	1732336	48.27	ng/ul	98
12) Fluorene	15.623	166	570216	14.08	ng/ul	98
14) Pentachlorophenol	16.955	266	263	0.04	ng/ul	92
15) Phenanthrene	17.355	178	8402m	0.13	ng/ul	92
16) Anthracene	17.445	178	191288	3.53	ng/ul	98
19) Fluoranthene	19.357	202	34541	0.34	ng/ul#	87
20) Pyrene	19.720	202	24575m	0.25	ng/ul	
21) Benzo(a)anthracene	21.451	228	4136	0.06	ng/ul#	26
24) Benzo(b)fluoranthene	23.096	252	949	0.02	ng/ul#	1
25) Benzo(k)fluoranthene	23.142	252	995	0.02	ng/ul#	1

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

34  
11/29/21