Quantitation Report (QT Reviewed)

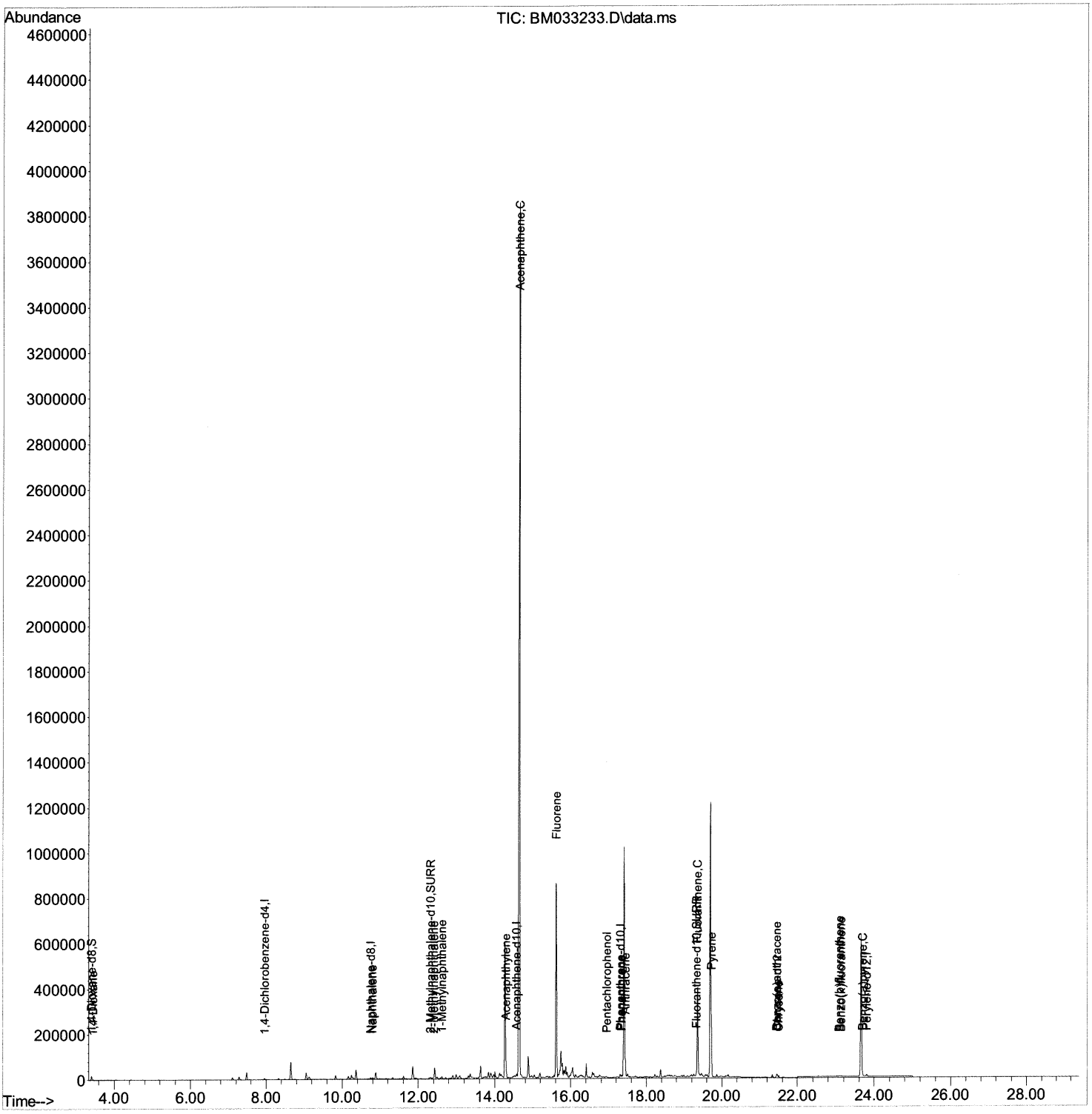
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112321\
Data File : BM033233.D
Acq On : 23 Nov 2021 11:37
Operator : CG/JU
Sample : M4725-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 23 12:26:08 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

Instrument :
BNA_M
ClientSampleId :
F4L07

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/26/2021



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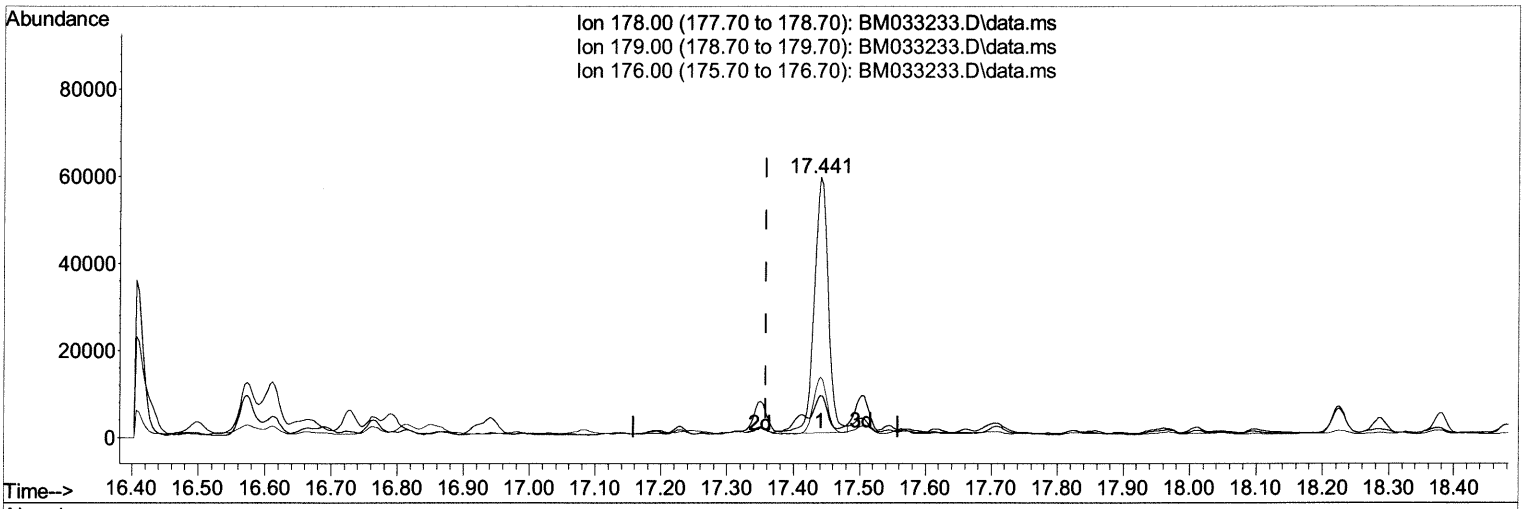

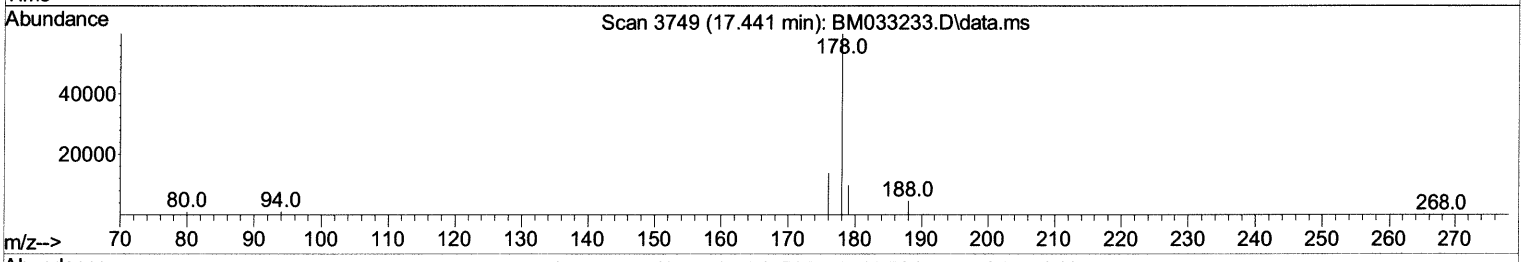

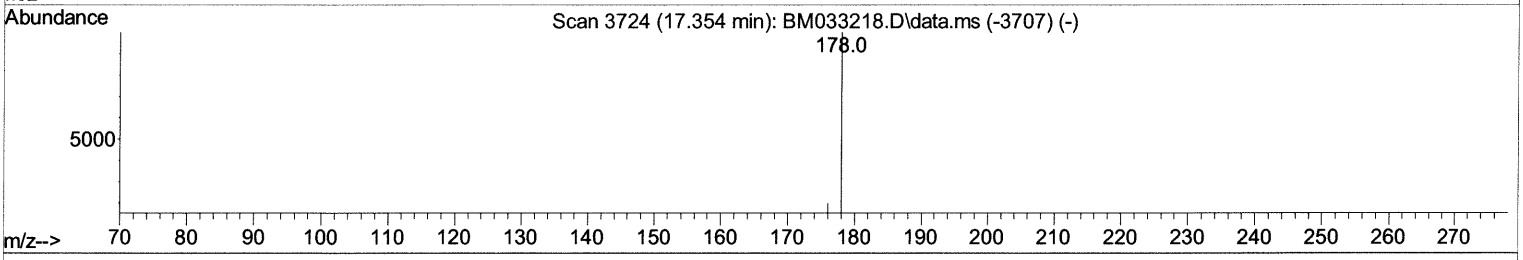

TIC: BM033233.D\data.ms

(15) Phenanthrene

17.441min (+ 0.083) 1.68 ng/ul

response 87577

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.27
176.00	20.00	23.24
0.00	0.00	0.00

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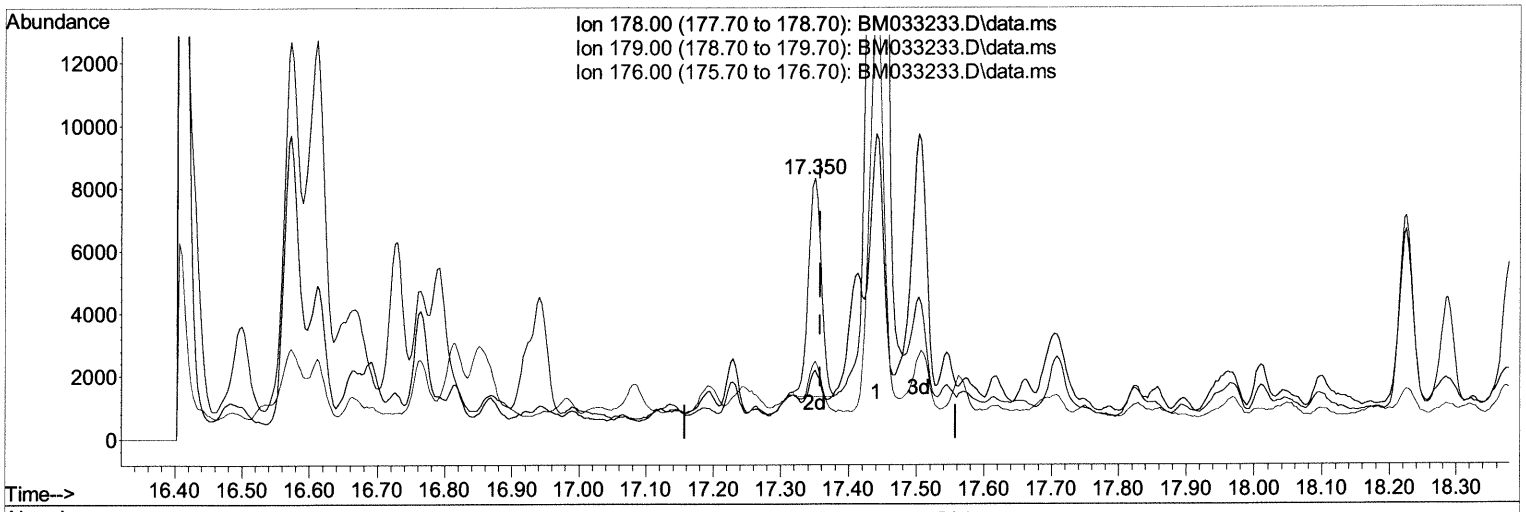

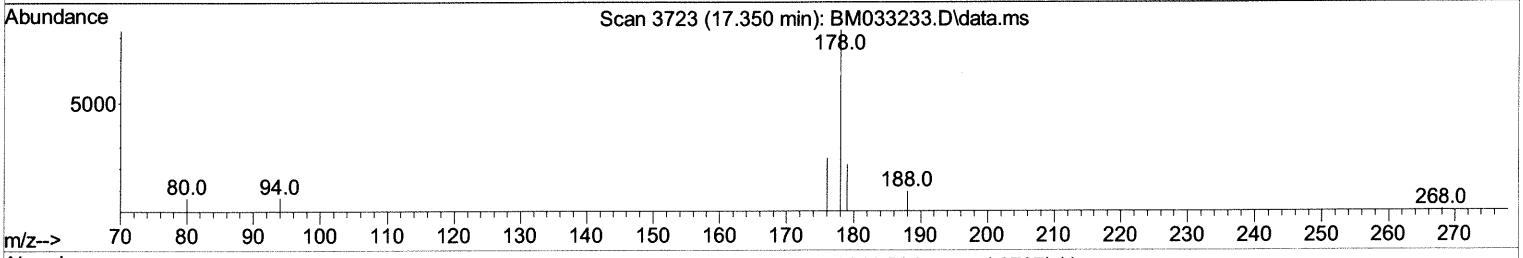

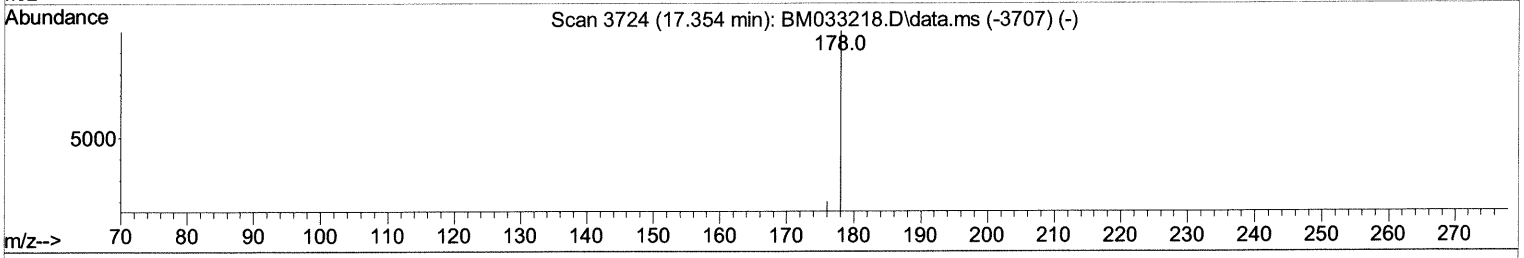

TIC: BM033233.D\data.ms

(15) Phenanthrene

17.350min (-0.008) 0.18 ng/ul m 11/30/21 JU

response 9315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	26.24#
176.00	20.00	29.73#
0.00	0.00	0.00

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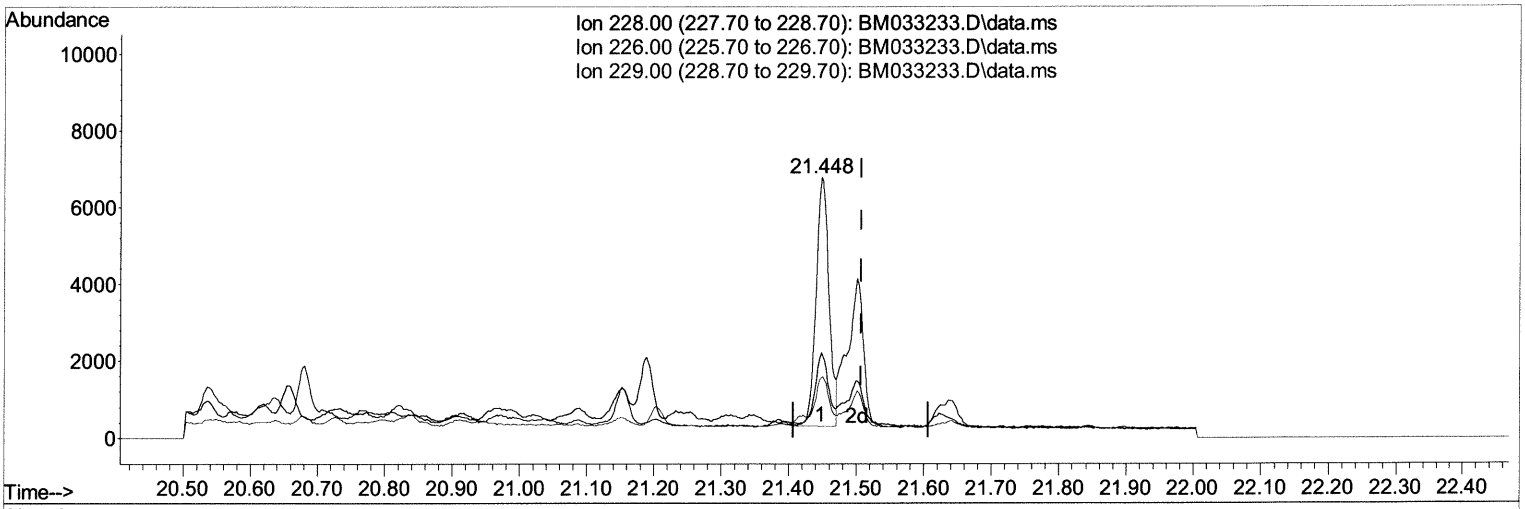

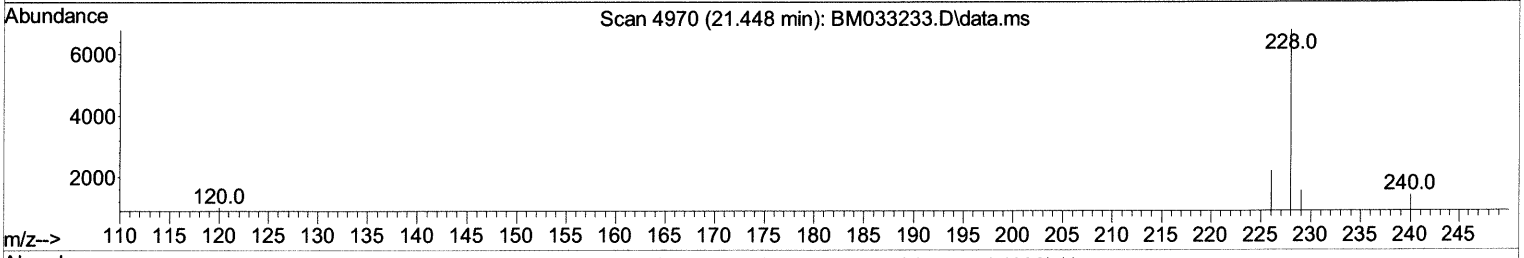

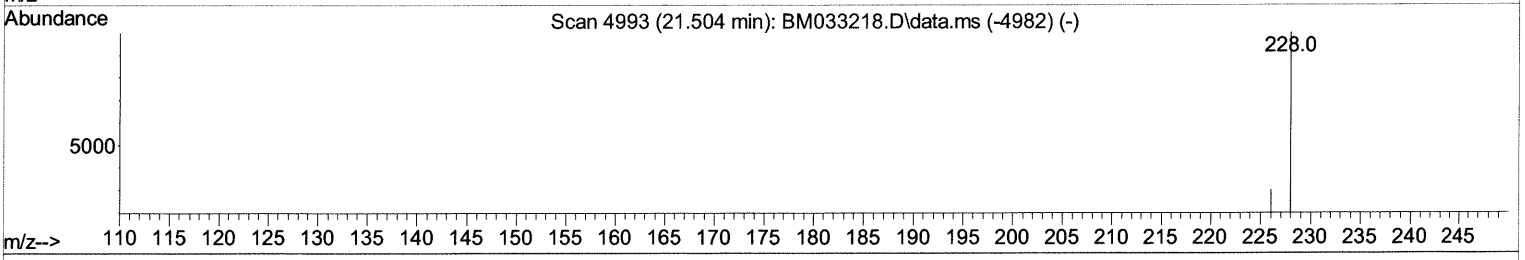

TIC: BM033233.D\data.ms

(22) Chrysene

21.448min (-0.059) 0.19 ng/ul

response 8525

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	32.57
229.00	20.10	23.08
0.00	0.00	0.00

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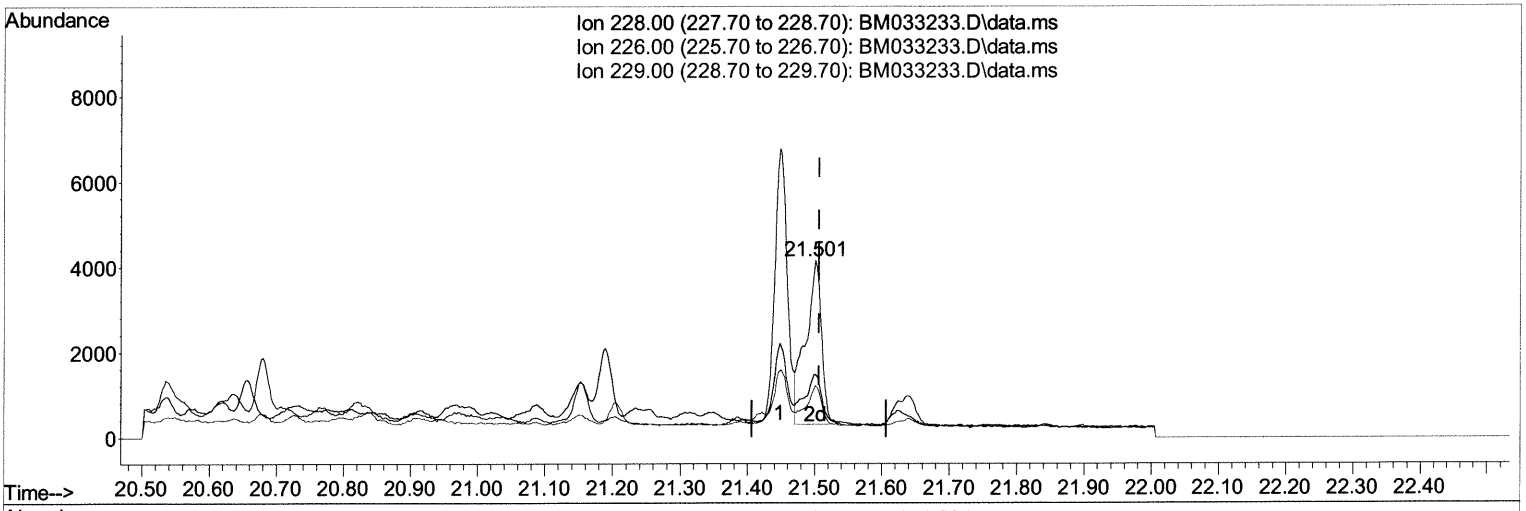

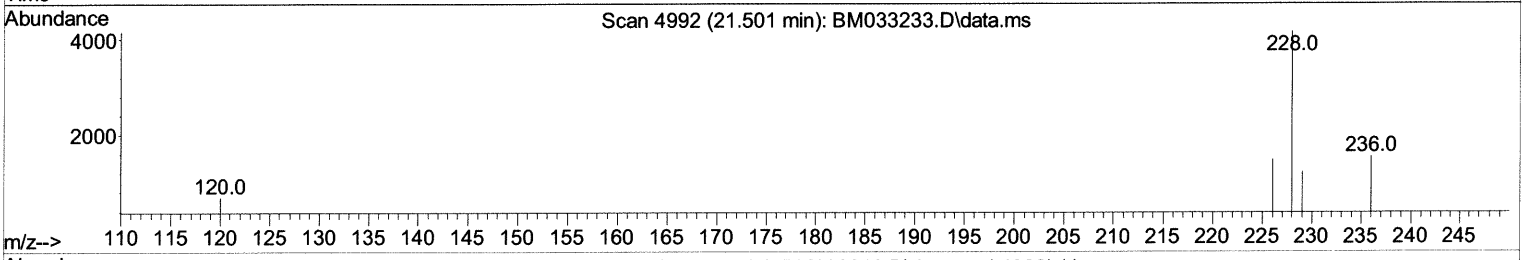

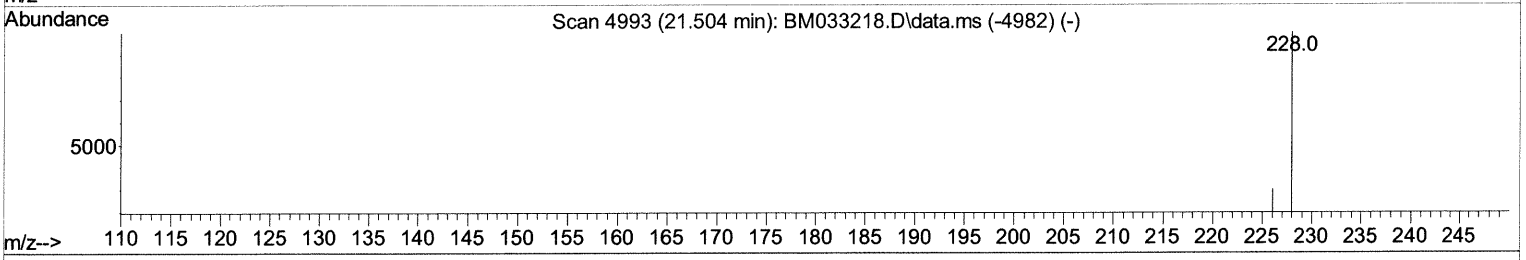

TIC: BM033233.D\data.ms

(22) Chrysene

21.501min (-0.006) 0.14 ng/ul m 11/30/21 JU

response 6391

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.10	35.72
229.00	20.10	29.48#
0.00	0.00	0.00

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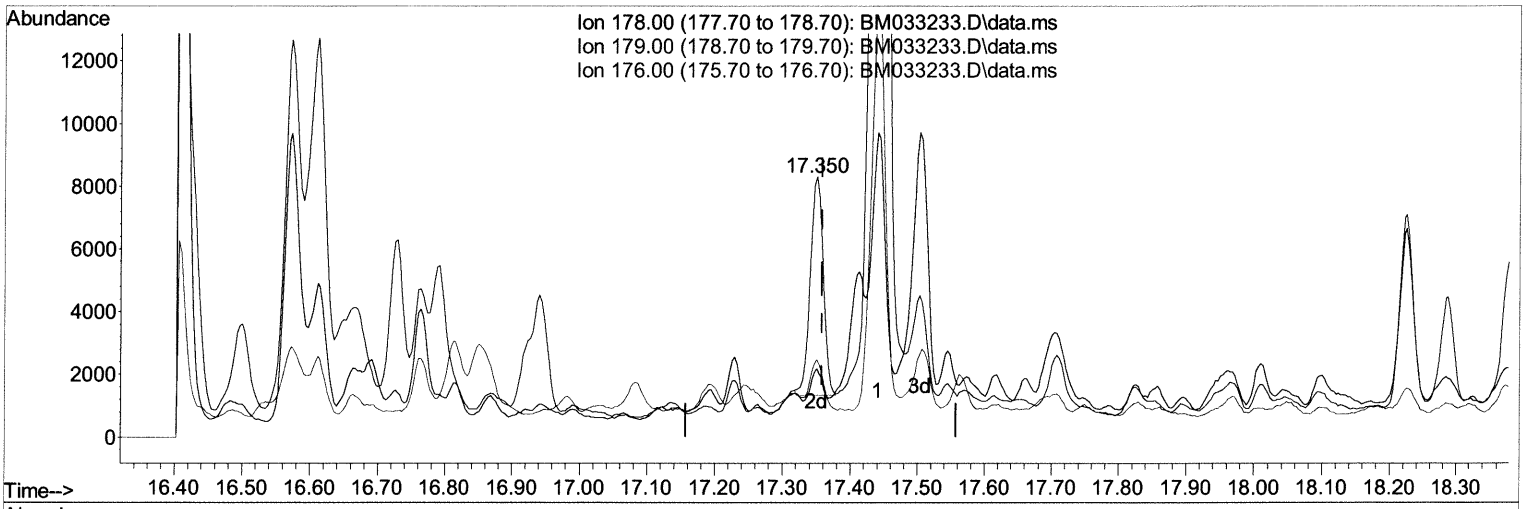

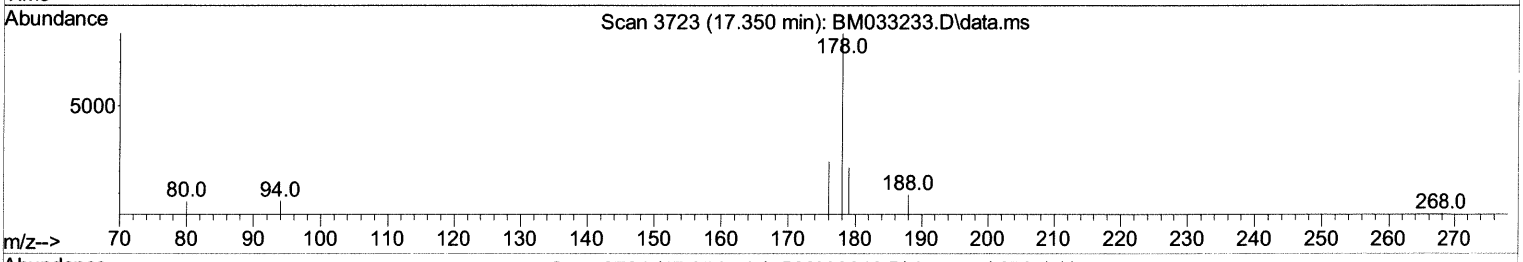

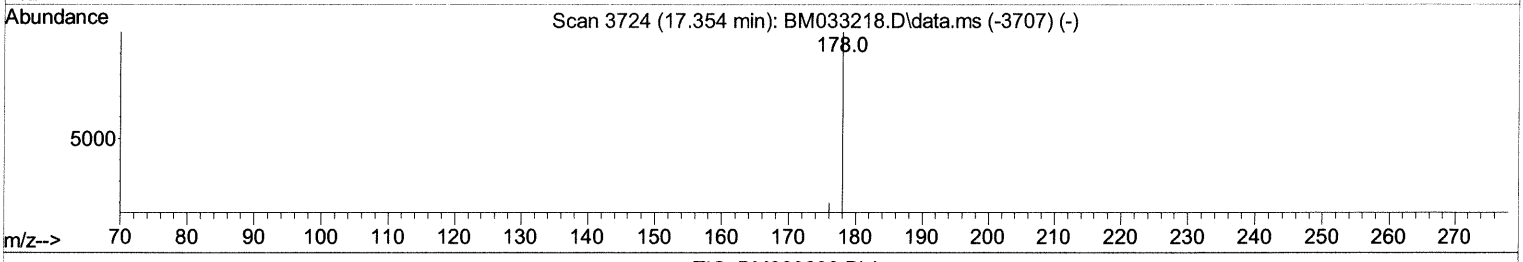

TIC: BM033233.D\data.ms

(15) Phenanthrene

17.350min (-0.008) 0.18 ng/ul m 11/30/21 JU

response 9315

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	26.24#
176.00	20.00	29.73#
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	7.956	152	2543	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.750	136	8007	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	6082	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.309	188	14336	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.467	240	11344	0.400	ng/ul	# 0.00
23) Perylene-d12	23.807	264	8949	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	11587	4.846	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.329	152	4352	0.392	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	15844	0.482	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	634	0.236	ng/ul#	78
5) Naphthalene	10.800	128	4446	0.179	ng/ul#	68
7) 2-Methylnaphthalene	12.405	142	566	0.035	ng/ul#	80
8) 1-Methylnaphthalene	12.621	142	6155	0.387	ng/ul	96
10) Acenaphthylene	14.294	152	25891	0.911	ng/ul#	92
11) Acenaphthene	14.639	153	2278786	97.699	ng/ul	98
12) Fluorene	15.618	166	534125	20.294	ng/ul	98
14) Pentachlorophenol	16.951	266	316	0.066	ng/ul	97
15) Phenanthrene	17.350	178	9315m	0.179	ng/ul	11/30/21 JU
16) Anthracene	17.441	178	86042	2.047	ng/ul	95
19) Fluoranthene	19.356	202	339374	6.215	ng/ul	99
20) Pyrene	19.718	202	233393	4.306	ng/ul	100
21) Benzo(a)anthracene	21.448	228	8647	0.214	ng/ul	92
22) Chrysene	21.501	228	6391m	0.144	ng/ul	11/30/21 JU
24) Benzo(b)fluoranthene	23.092	252	2624	0.065	ng/ul#	19
25) Benzo(k)fluoranthene	23.140	252	1211	0.030	ng/ul#	1
26) Benzo(a)pyrene	23.700	252	1004	0.030	ng/ul#	1

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