Quantitation Report (QT Reviewed)

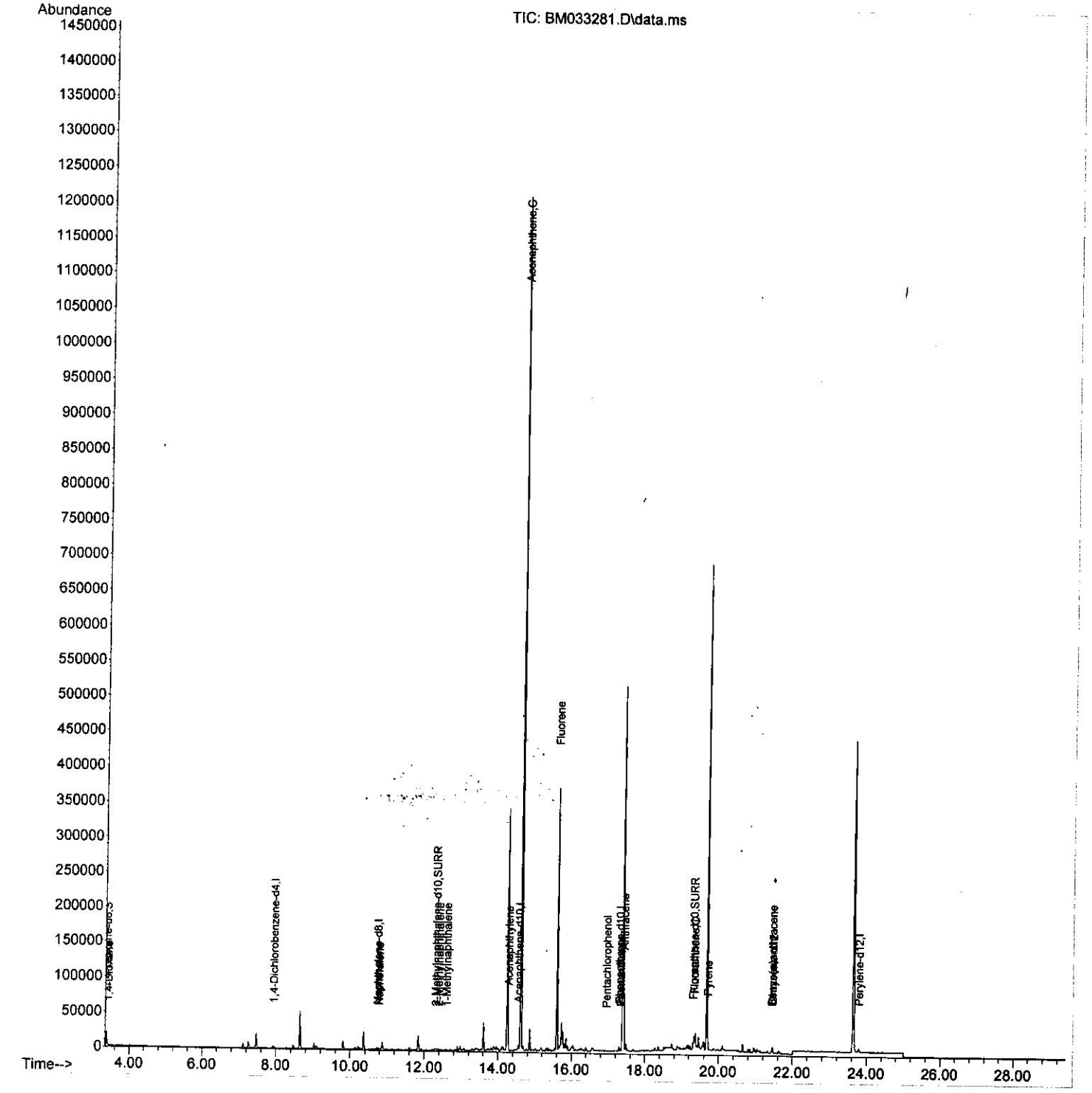
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113021\
Data File : BM033281.D
Acq On : 30 Nov 2021 11:06
Operator : CG/JU
Sample : M4725-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 30 11:35:03 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 : Tue Nov 30 10:39:36 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F4L06

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :mohammad ahmed 12/05/2021



SFAM-EPA-SIM-BM111921.M Sat Dec 04 05:00:27 2021

Quantitation Report (Qedit)

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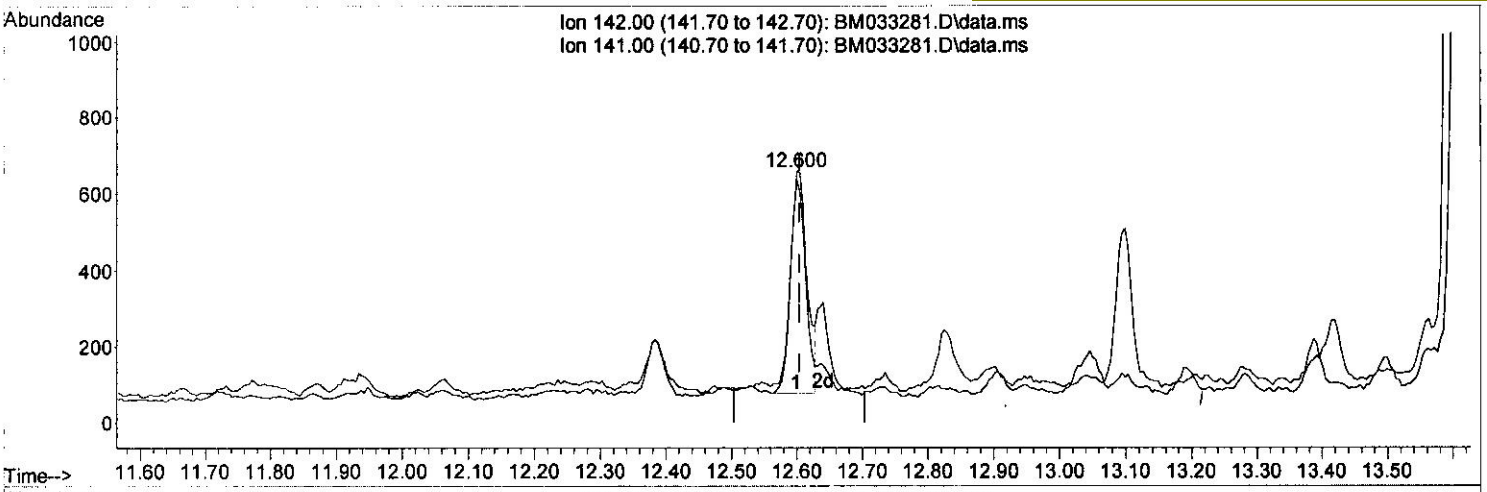

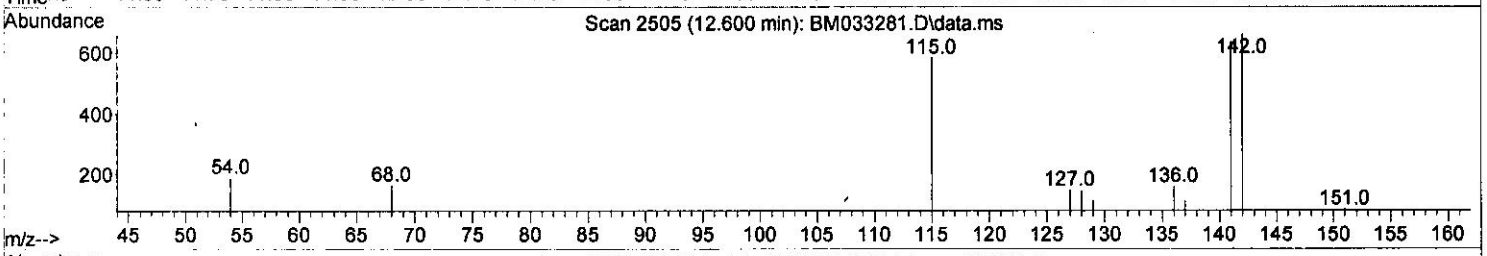

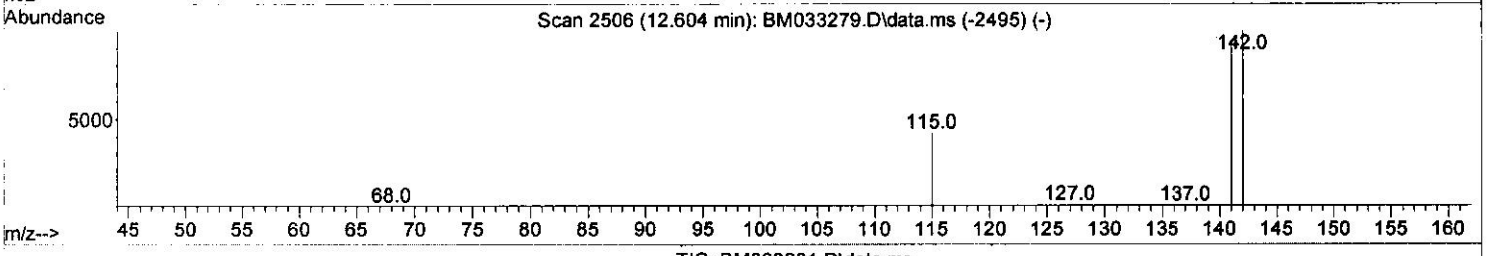

TIC: BM033281.D\data.ms

(8) 1-Methylnaphthalene

12.600min (-0.004) 0.11 ng/ul

response 1012

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.10	98.32
0.00	0.00	0.00
0.00	0.00	0.00

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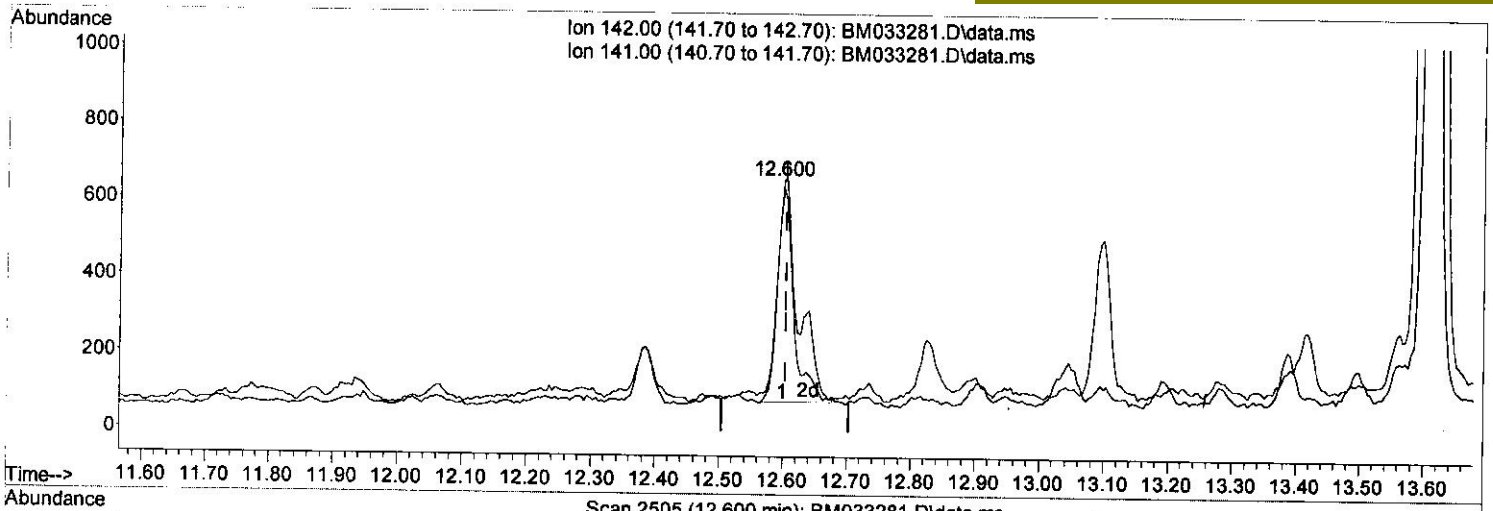

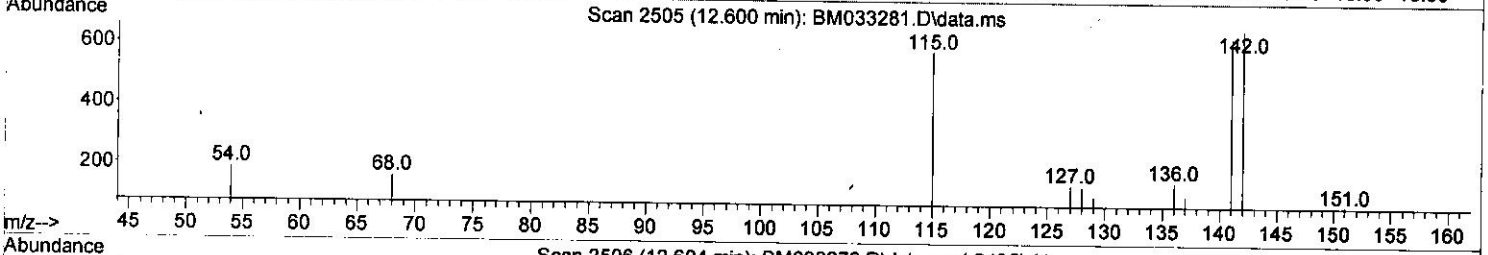

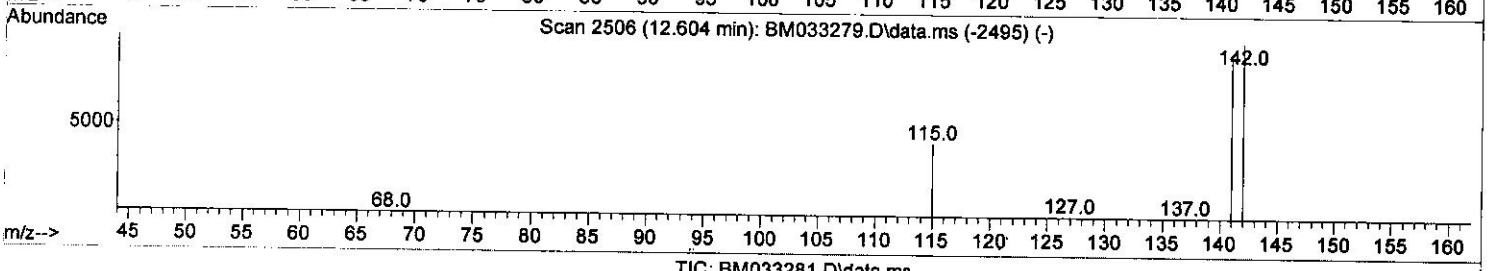

TIC: BM033281.D\data.ms

(8) 1-Methylnaphthalene

12.600min (-0.004) 0.14 ng/ul m3 12/18(2)

response 1314

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.10	75.72
0.00	0.00	0.00
0.00	0.00	0.00

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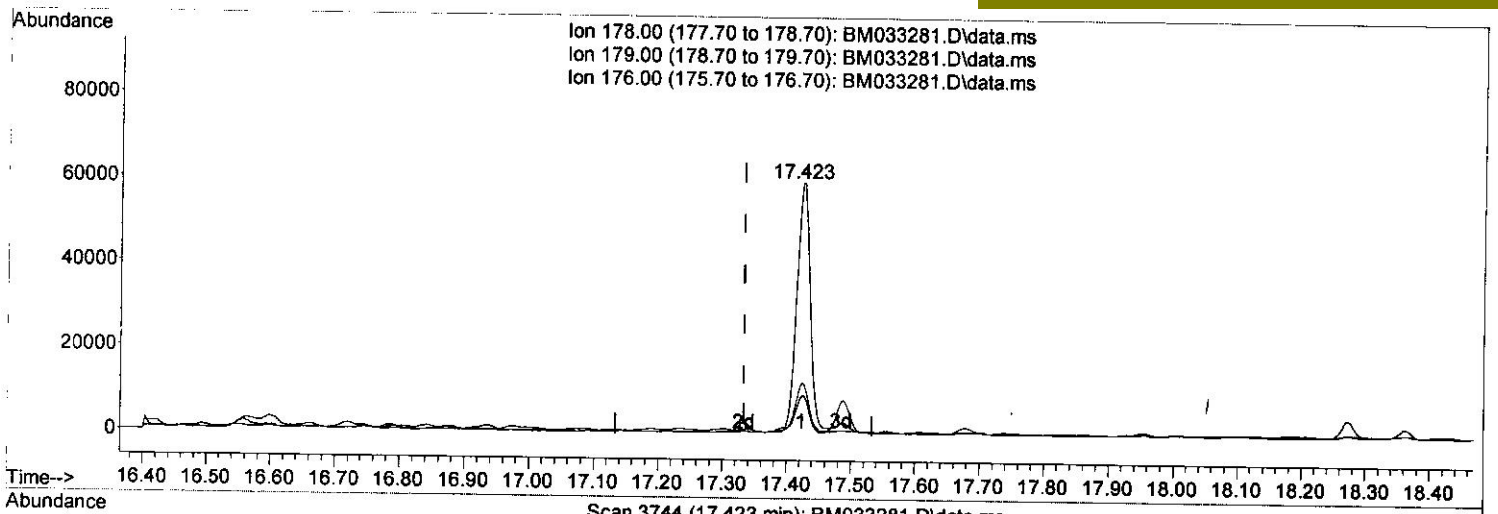

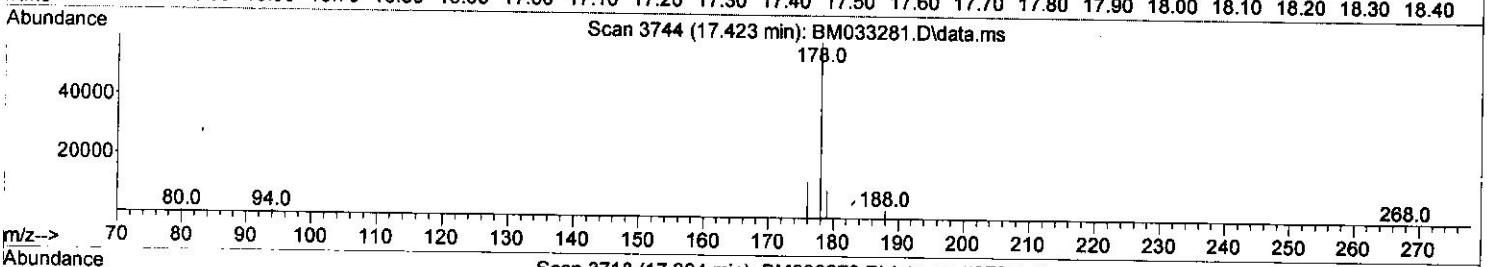

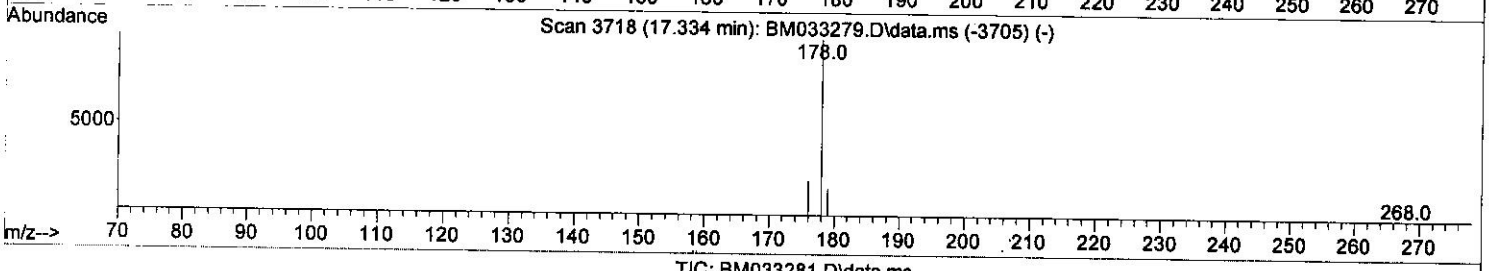

TIC: BM033281.D\data.ms

(15) Phenanthrene

17.423min (+ 0.090) 3.14 ng/ul

response 86507

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	15.80
176.00	20.00	20.59
0.00	0.00	0.00

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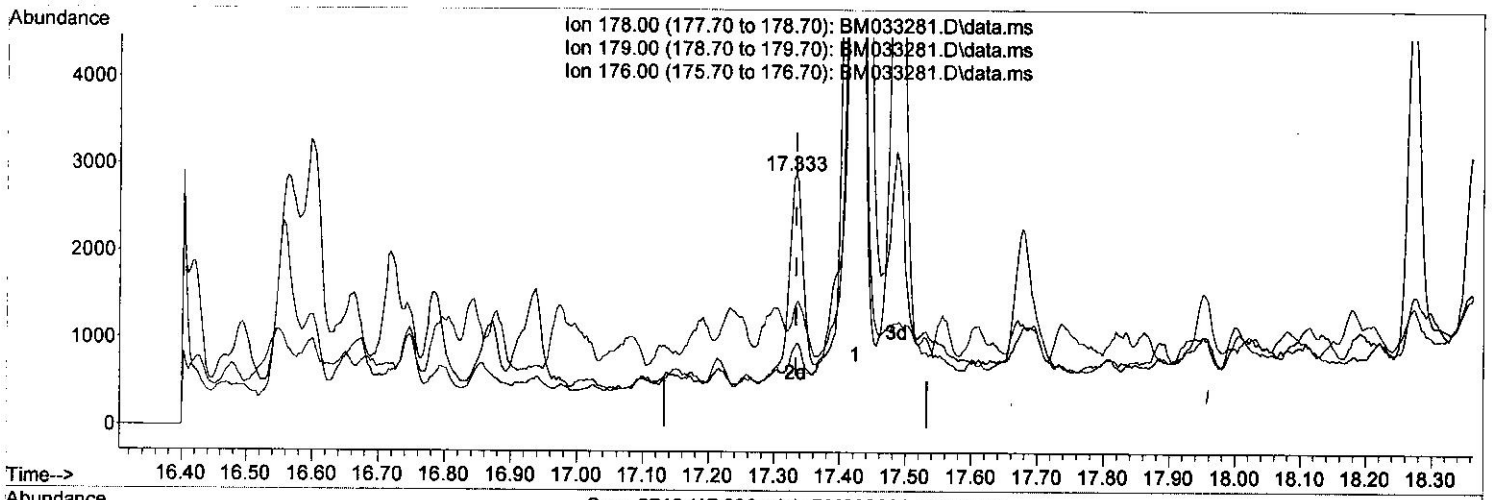

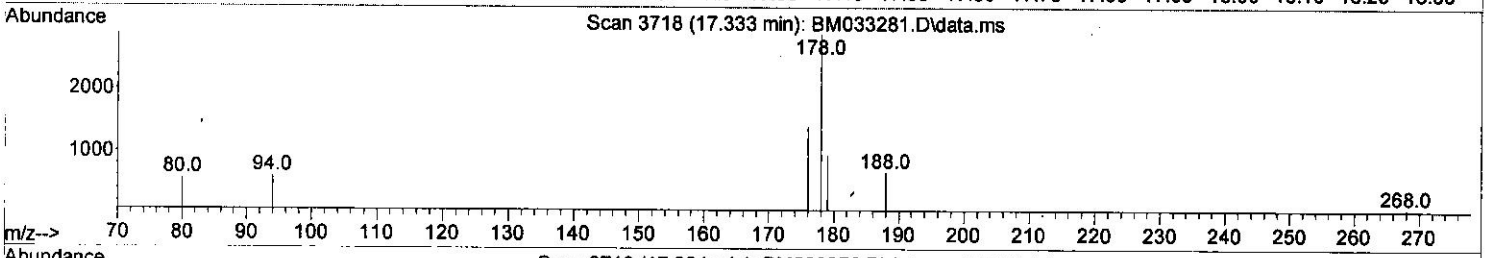

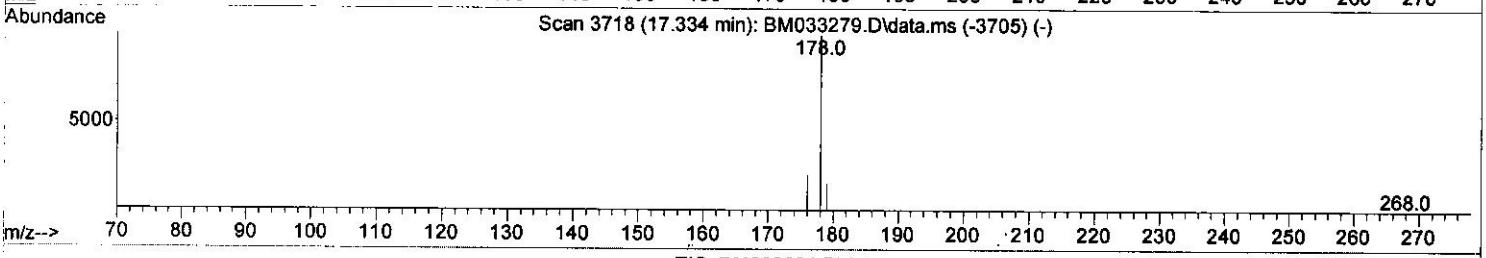

TIC: BM033281.D\data.ms

(15) Phenanthrene

17.333min (-0.001) 0.12 ng/ul m

response 3269

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	32.91#
176.00	20.00	49.10#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.932	152	1731	0.400	ng/ul		0.00
4) Naphthalene-d8	10.724	136	4839	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.553	164	3668	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.291	188	7584	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.450	240	10532	0.400	ng/ul	#	0.00
23) Perylene-d12	23.788	264	6730	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.379	96	10739	6.598	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.312	152	2642	0.394	ng/ul		0.00
18) Fluoranthene-d10	19.311	212	14292	0.468	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.420	88	468	0.256	ng/ul	#	57
5) Naphthalene	10.774	128	1211	0.081	ng/ul	#	61
7) 2-Methylnaphthalene	12.384	142	266	0.027	ng/ul		81
8) 1-Methylnaphthalene	12.600	142	1314m	0.137	ng/ul		
10) Acenaphthylene	14.276	152	21191	1.236	ng/ul	#	94
11) Acenaphthene	14.617	153	703219	49.991	ng/ul		98
12) Fluorene	15.599	166	221096	13.929	ng/ul		98
14) Pentachlorophenol	16.948	266	166	0.066	ng/ul	#	74
15) Phenanthrene	17.333	178	3269m	0.119	ng/ul		
16) Anthracene	17.423	178	86408	3.887	ng/ul		98
19) Fluoranthene	19.341	202	14139	0.279	ng/ul	#	83
20) Pyrene	19.703	202	11763	0.234	ng/ul	#	84
21) Benzo(a)anthracene	21.438	228	2142	0.057	ng/ul	#	28

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

JV 12/8/21