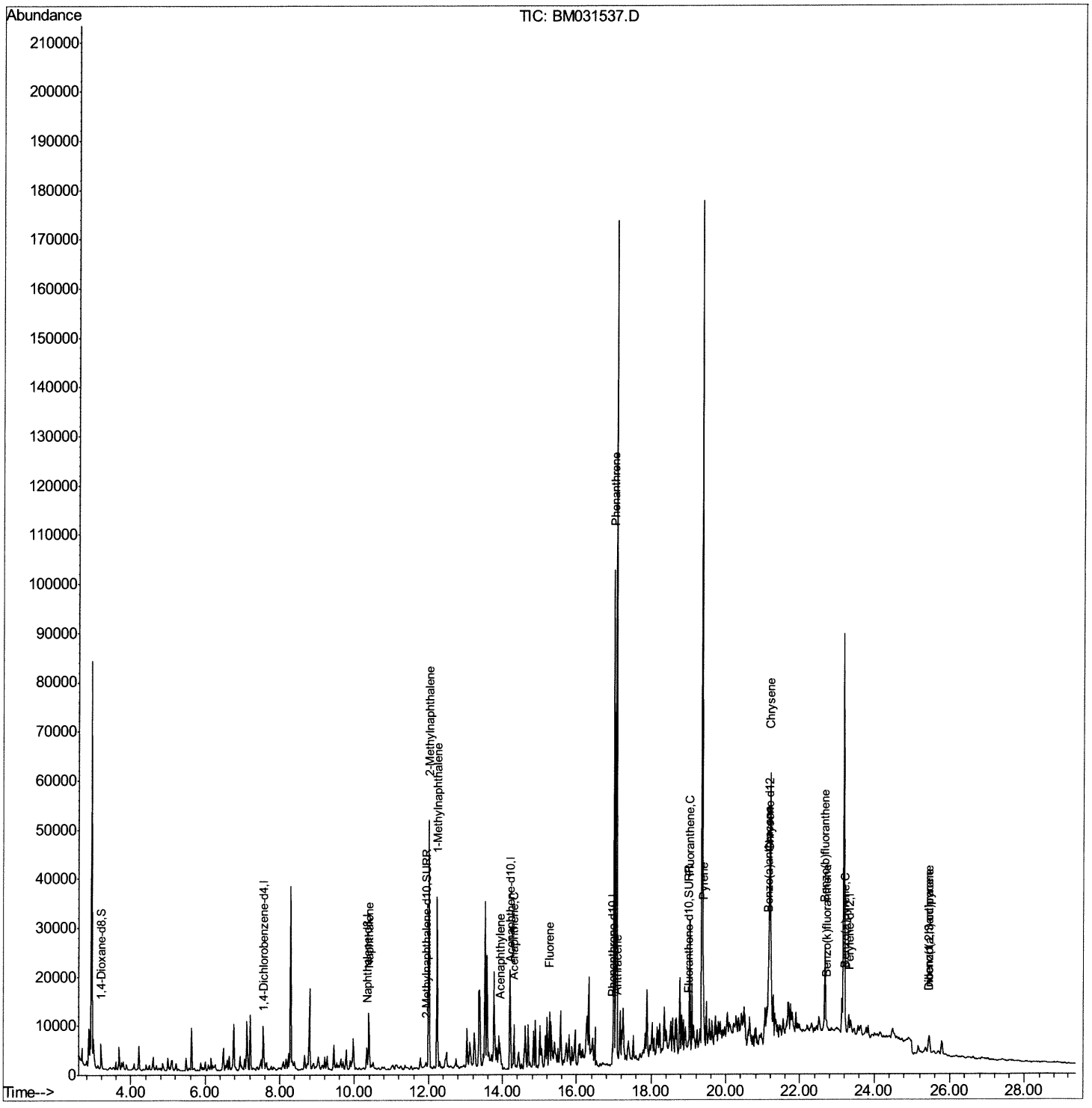
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031537.D
Acq On : 07 Aug 2021 04:58
Operator : CG/JU
Sample : M3124-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Aug 09 07:07:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 09 06:07:27 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0088

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:07 PM



Quantitation Report (Qedit)

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Acq On : 07 Aug 2021 04:58
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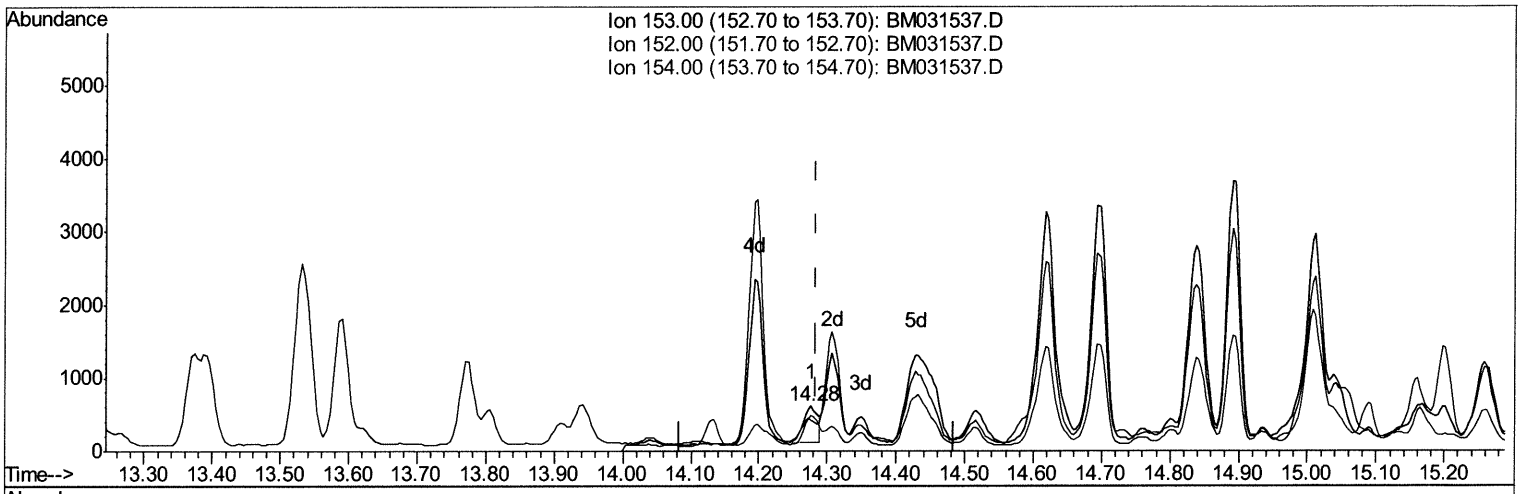

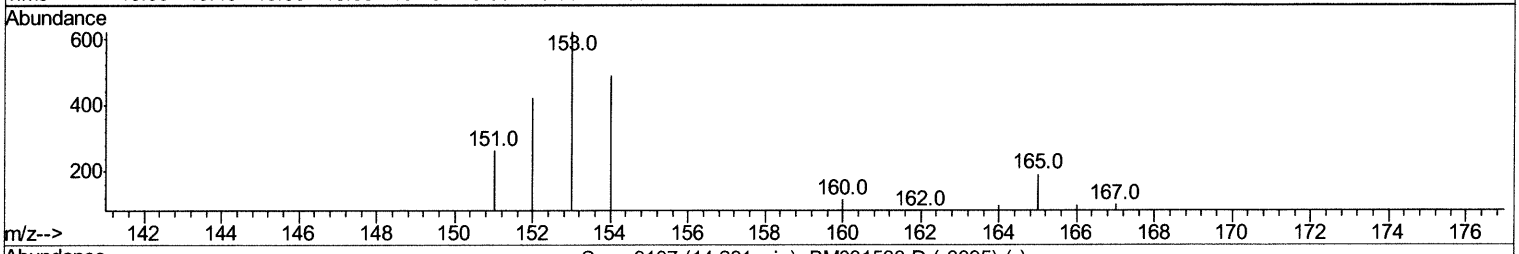

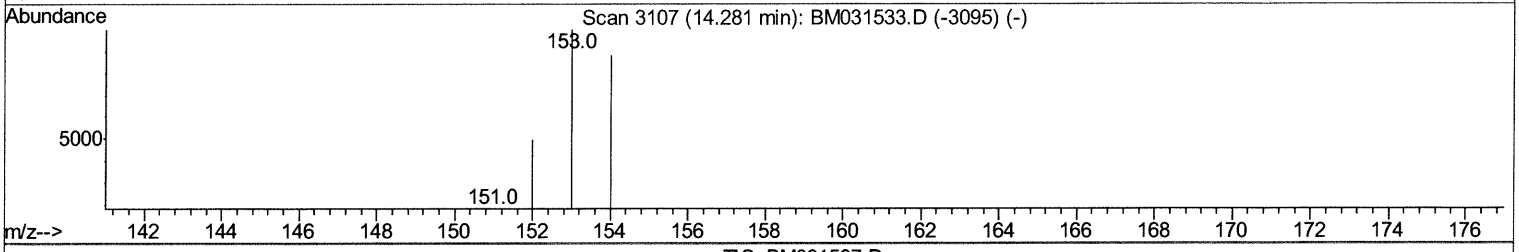

TIC: BM031537.D

(11) Acenaphthene (C)

14.277min (-0.007) 0.06ng/ul

response 715

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	67.79#
154.00	87.70	78.90
0.00	0.00	0.00

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mohammad
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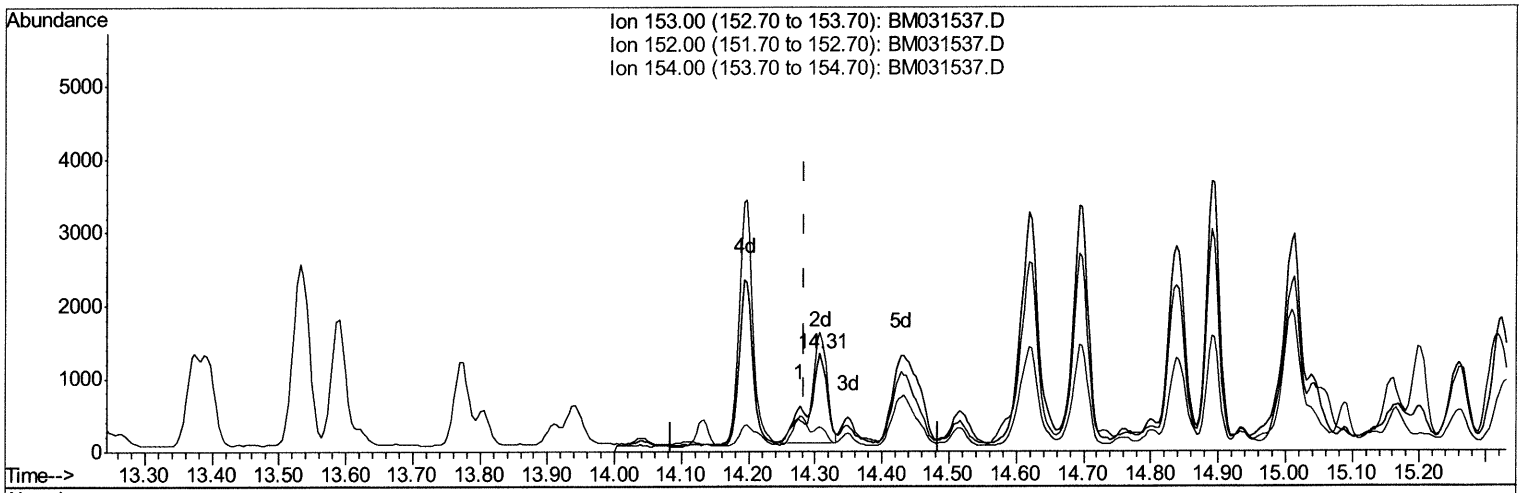

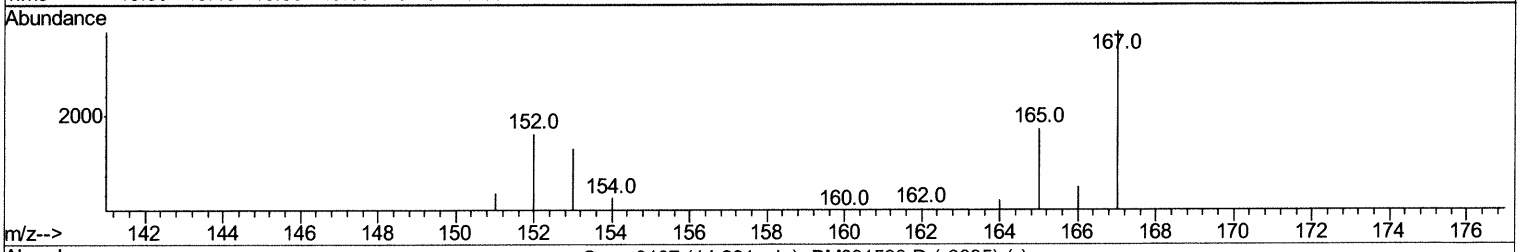

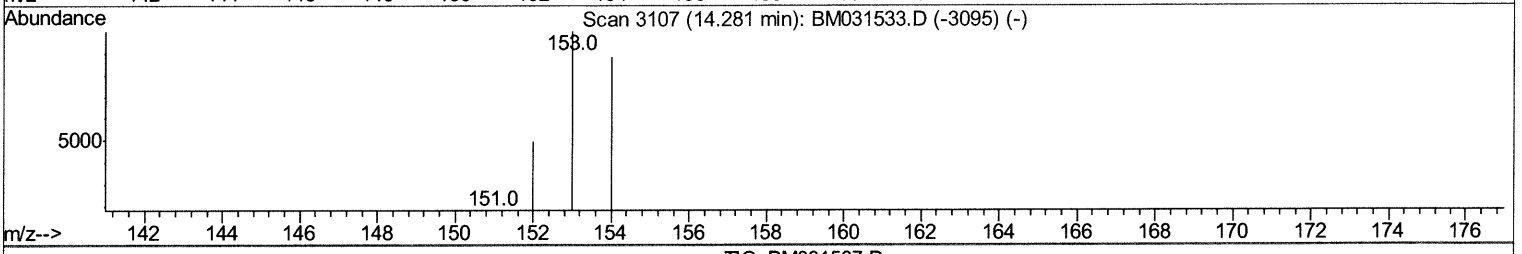

TIC: BM031537.D

(11) Acenaphthene (C)

14.307min (+0.023) 0.19ng/ul m

JCS 8/11/21

response 2350

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	122.11#
154.00	87.70	25.69#
0.00	0.00	0.00

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Instrument :
BNA_M
ClientSampleId :
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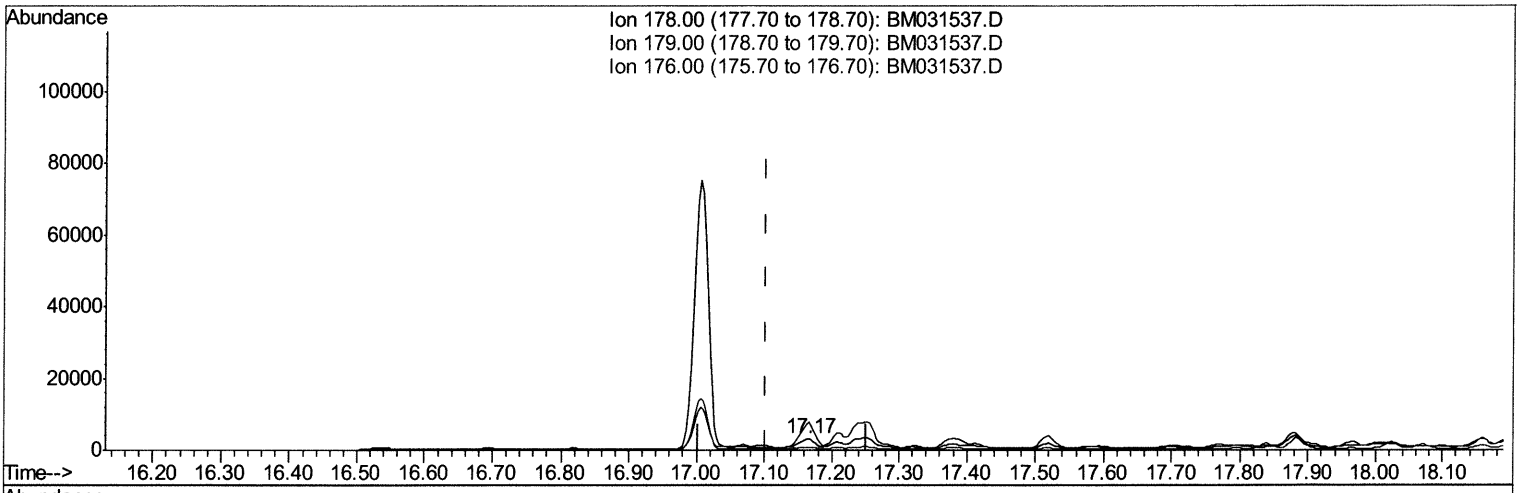
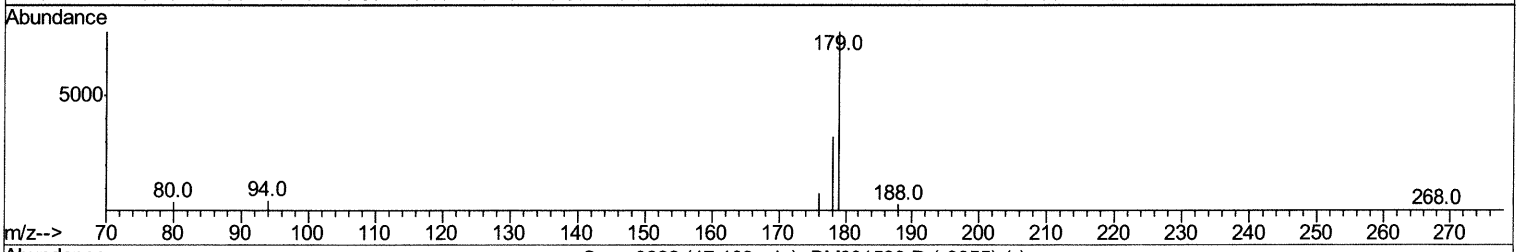
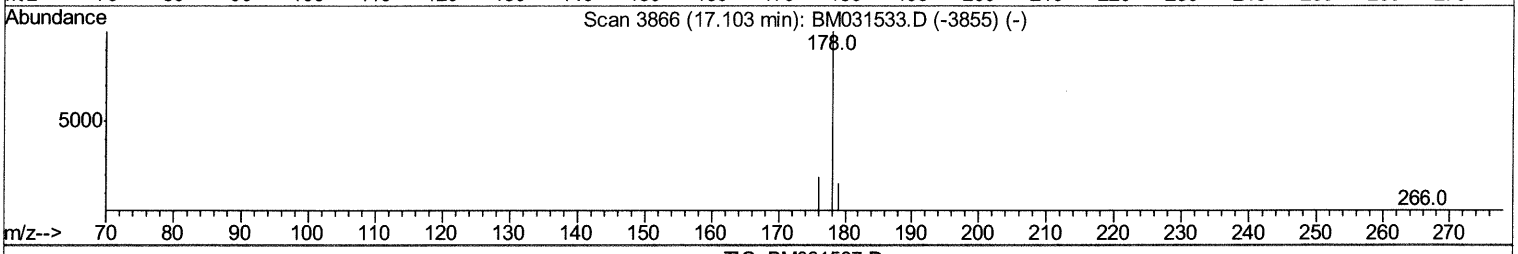
Manual Integrations APPROVED
mohammad
8/9/2021 12:13:07 PM







TIC: BM031537.D

(16) Anthracene

17.166min (+0.063) 0.24ng/ul

response 3981

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	239.91#
176.00	19.50	25.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
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Quant Time: Aug 09 07:03:55 2021
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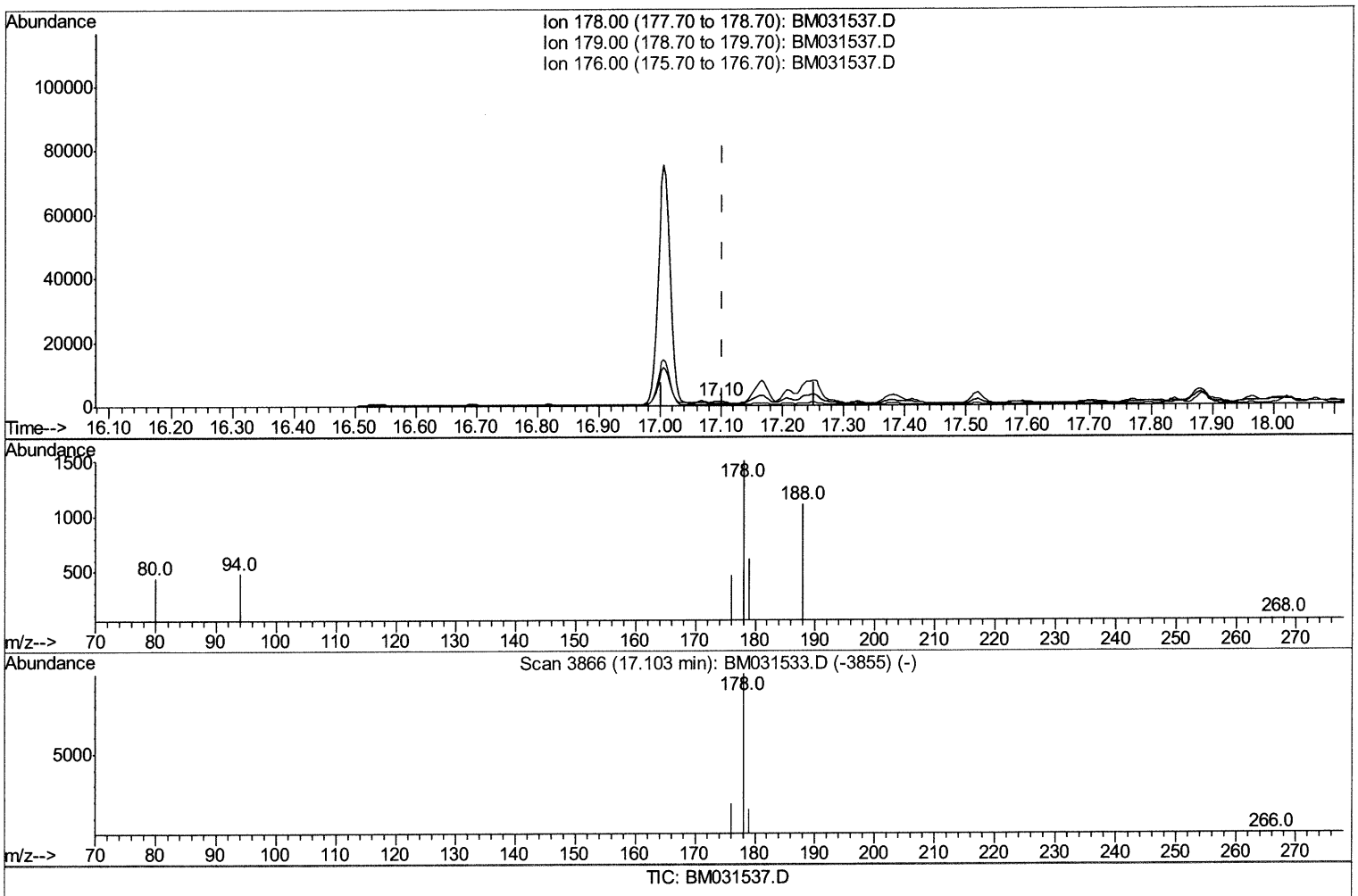
Instrument :
BNA_M
ClientSampleId :
C0088

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:07 PM



TIC: BM031537.D

(16) Anthracene

17.096min (-0.007) 0.05ng/ul m

response 871

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	40.29#
176.00	19.50	30.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031537.D
Acq On : 07 Aug 2021 04:58
Operator : CG/JU
Sample : M3124-05
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Aug 09 07:03:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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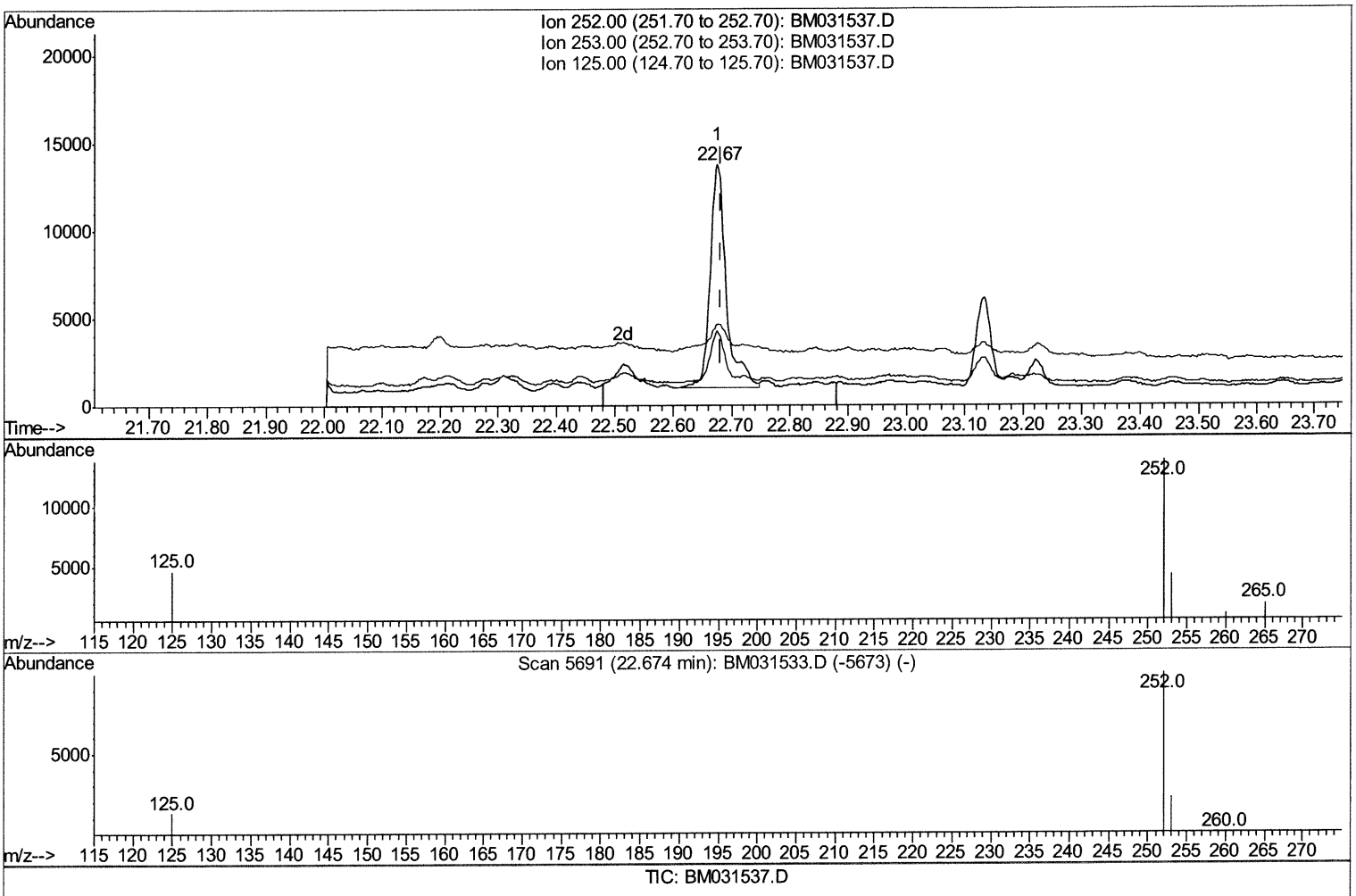
Instrument :
BNA_M
ClientSampleId :
C0088

Manual Integrations APPROVED
mohammad
8/9/2021 12:13:07 PM



TIC: BM031537.D

(24) Benzo(b)fluoranthene

22.675min (-0.007) 1.17ng/ul

response 24596

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.72
125.00	11.40	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_M
ClientSampleId :
C0088

Manual Integrations APPROVED
mohammad
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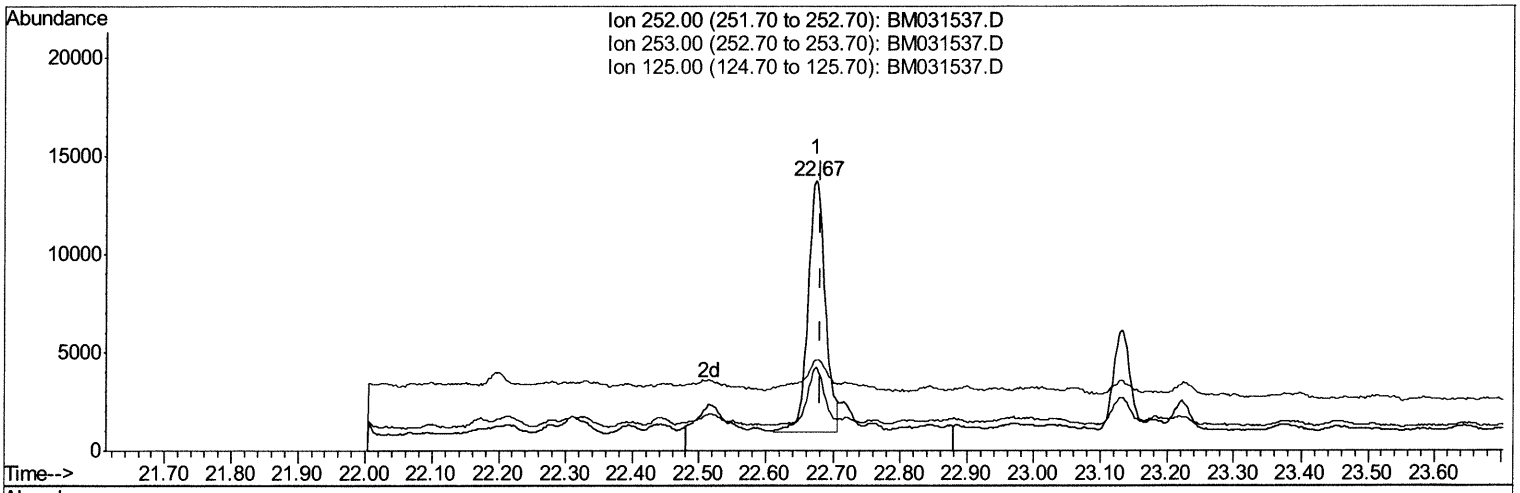

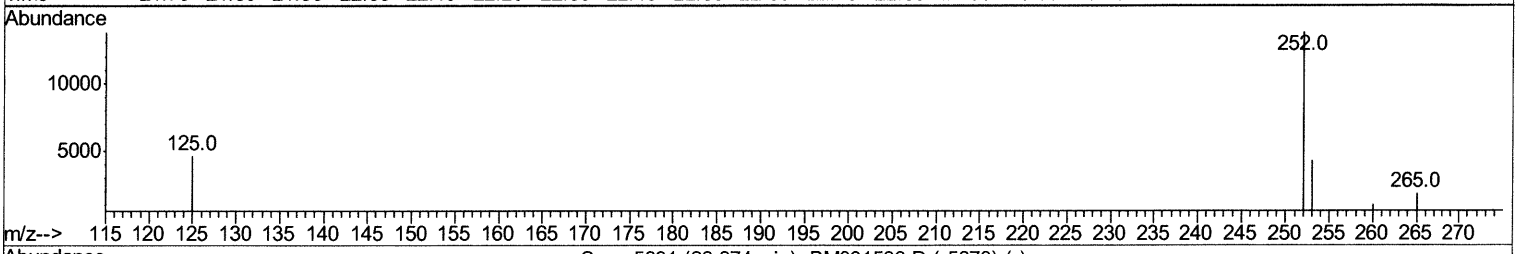

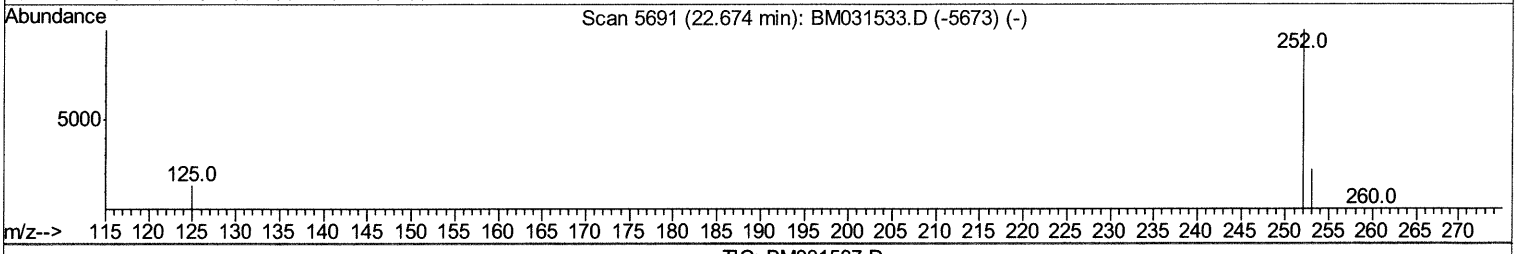

TIC: BM031537.D

(24) Benzo(b)fluoranthene

22.675min (-0.007) 1.08ng/ul m

response 22608

JG 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	30.72
125.00	11.40	33.68#
0.00	0.00	0.00

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Misc :
ALS Vial : 63 Sample Multiplier: 1

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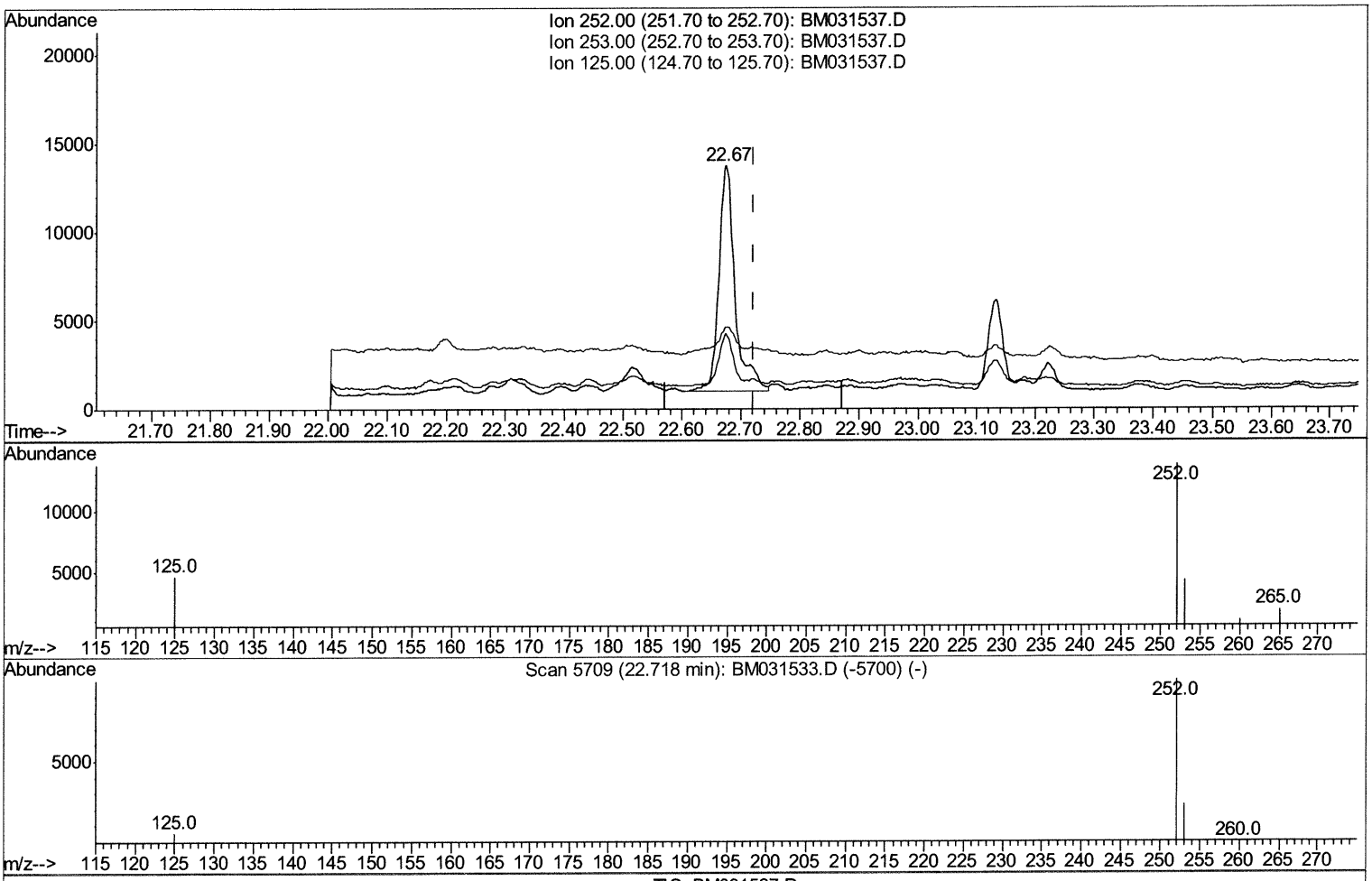
Manual Integrations APPROVED
mohammad
8/9/2021 12:13:07 PM



TIC: BM031537.D

(25) Benzo(k)fluoranthene

22.675min (-0.048) 1.13ng/ul

response 24596

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	30.72
125.00	11.00	33.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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mohammad
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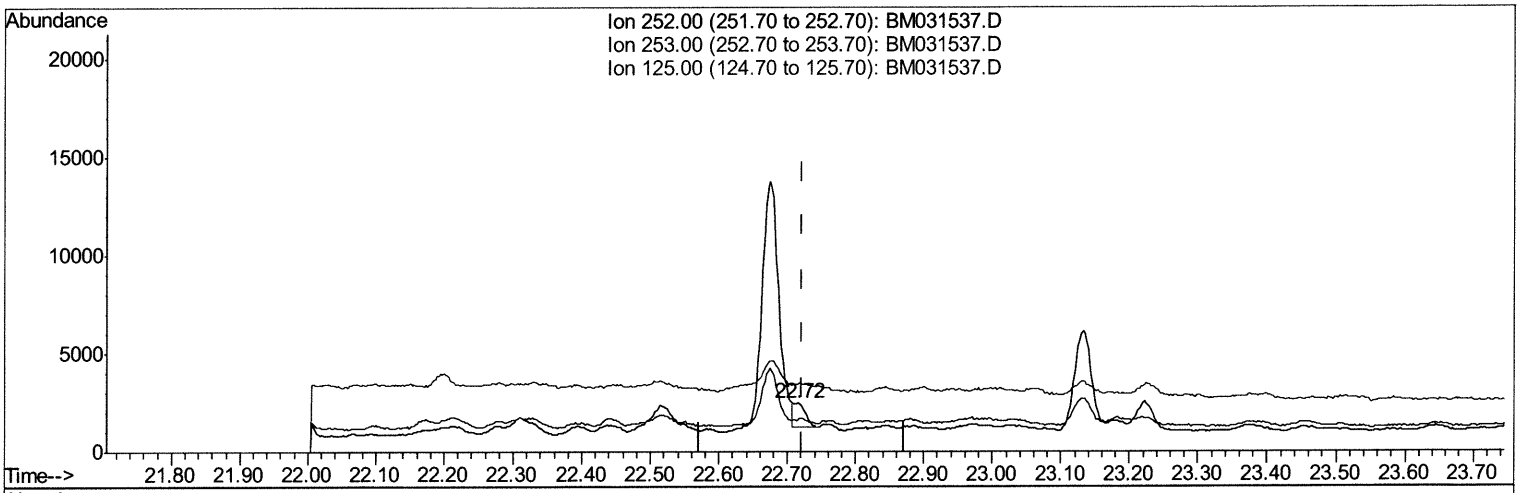

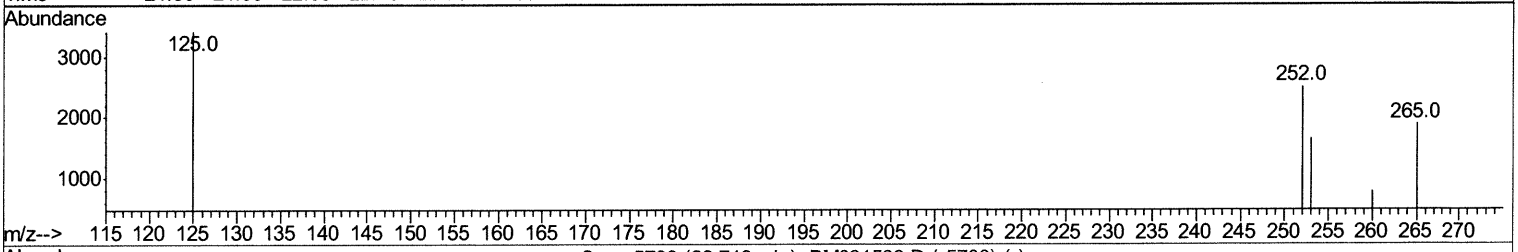

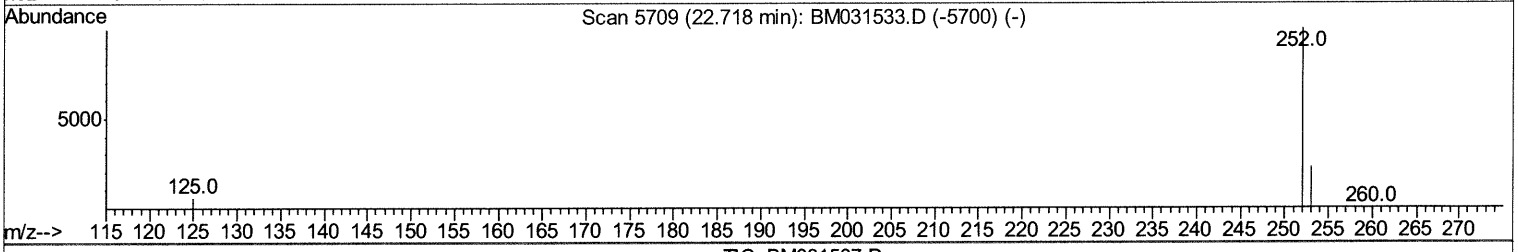

TIC: BM031537.D

(25) Benzo(k)fluoranthene

22.716min (-0.007) 0.07ng/ul m

JCG 8/11/21

response 1518

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	66.28#
125.00	11.00	136.68#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1249	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	4618	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	3473	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5535	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4642	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4666	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	3308	2.38	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	1536	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	3464	0.22	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	15370	1.117	ng/ul	99
7) 2-Methylnaphthalene	12.01	142	35192	3.745	ng/ul	100
8) 1-Methylnaphthalene	12.24	142	23632	2.545	ng/ul	100
10) Acenaphthylene	13.94	152	877	0.059	ng/ul#	47
11) Acenaphthene	14.31	153	2350m	0.189	ng/ul	67
12) Fluorene	15.27	166	4310	0.301	ng/ul#	67
15) Phenanthrene	17.01	178	105231	5.987	ng/ul	98
16) Anthracene	17.10	178	871m	0.053	ng/ul	98
19) Fluoranthene	19.03	202	24750	1.249	ng/ul#	90
20) Pyrene	19.39	202	19786	0.984	ng/ul#	86
21) Benzo(a)anthracene	21.14	228	10250	0.547	ng/ul#	35
22) Chrysene	21.19	228	68044	3.509	ng/ul#	89
24) Benzo(b)fluoranthene	22.67	252	22608m	1.075	ng/ul	1
25) Benzo(k)fluoranthene	22.72	252	1518m	0.070	ng/ul	1
26) Benzo(a)pyrene	23.22	252	2600	0.141	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.45	276	3138	0.132	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.46	278	4791	0.250	ng/ul#	1

JU 8/11/21

JU 8/11/21

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