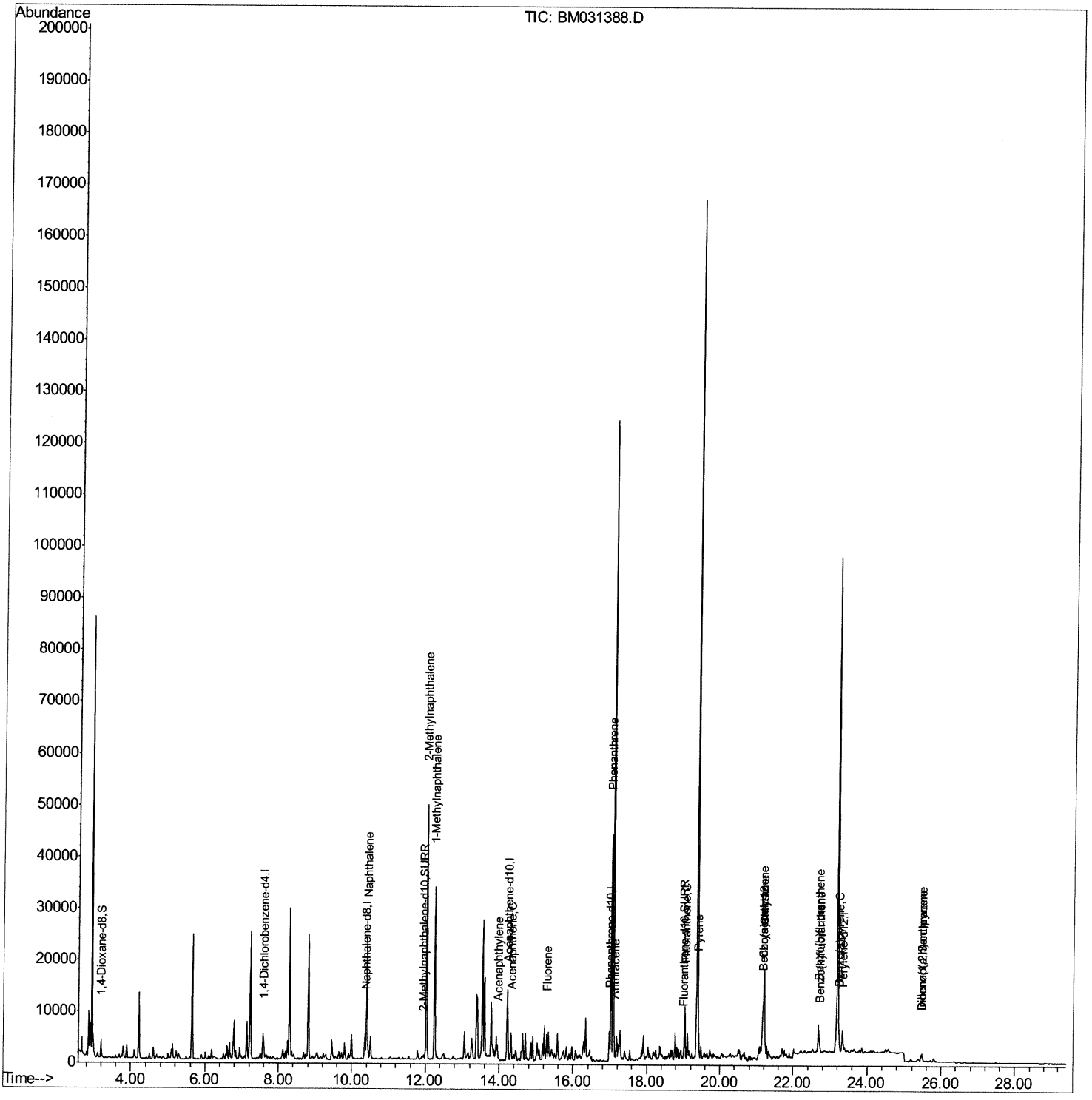
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:59:25 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 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM



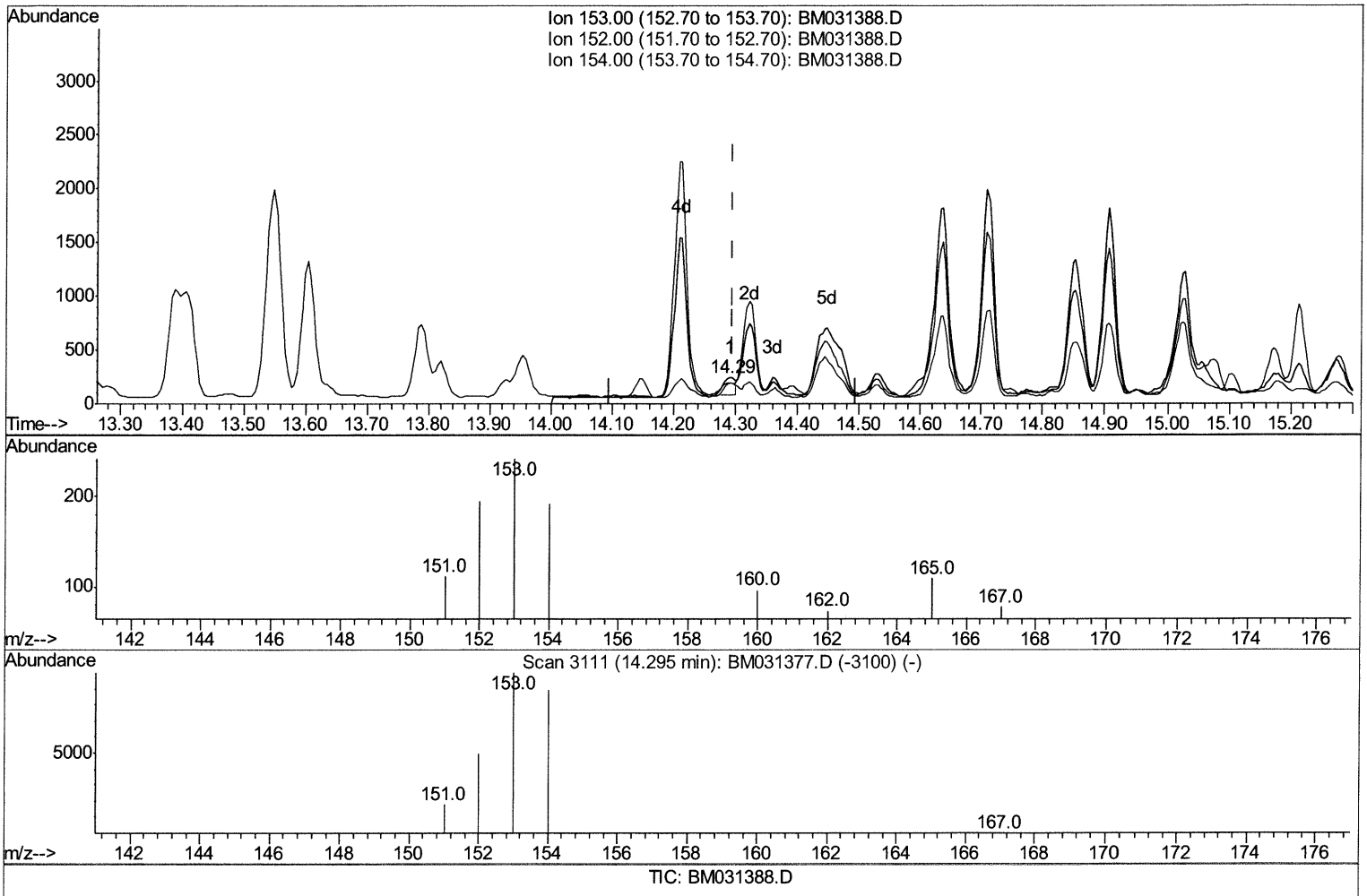
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:06:42 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 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM



TIC: BM031388.D

(11) Acenaphthene (C)

14.292min (-0.004) 0.02ng/ul

response 227

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	80.17#
154.00	87.70	79.34
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 02 Aug 2021 22:52
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ClientSampleId :
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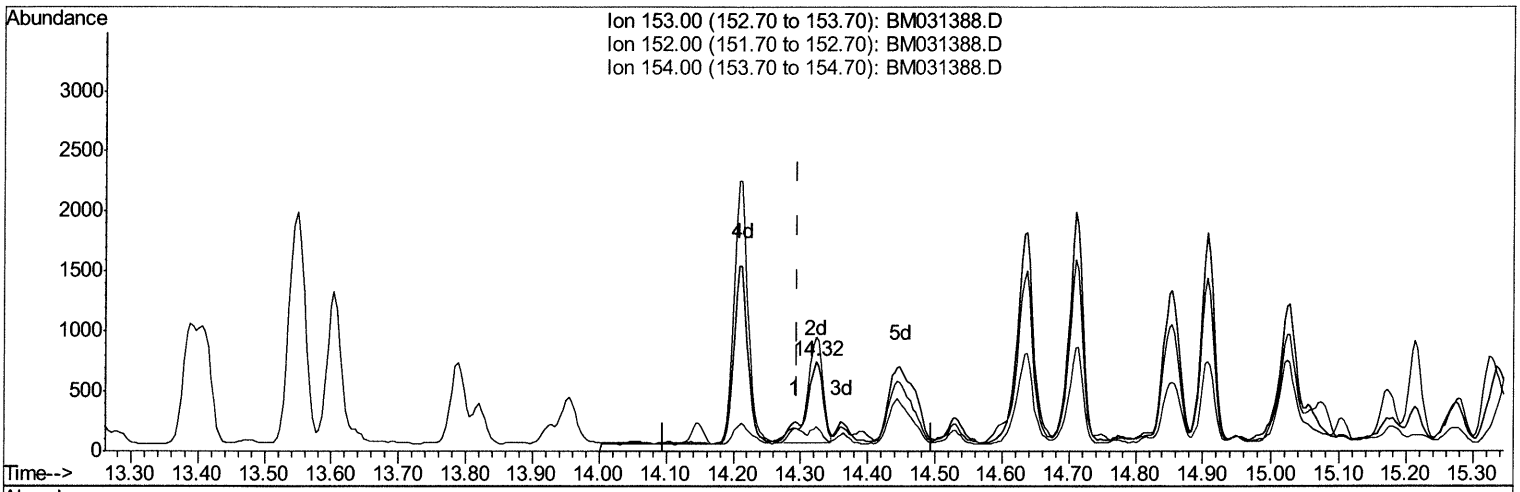
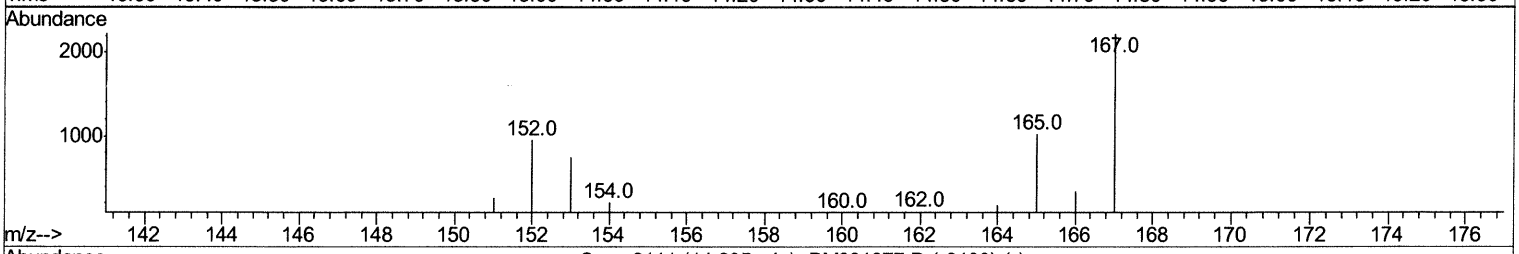
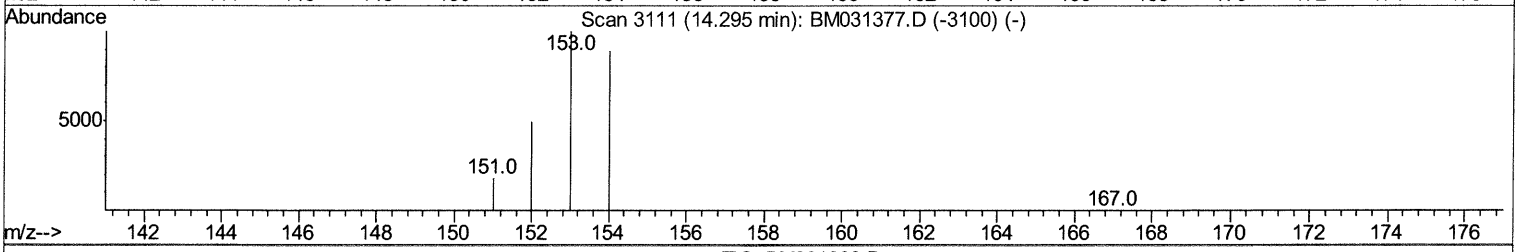
Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM







TIC: BM031388.D

(11) Acenaphthene (C)

14.322min (+0.027) 0.09ng/ul m 08/04/21 JU

response 1216

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	126.47#
154.00	87.70	27.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:54:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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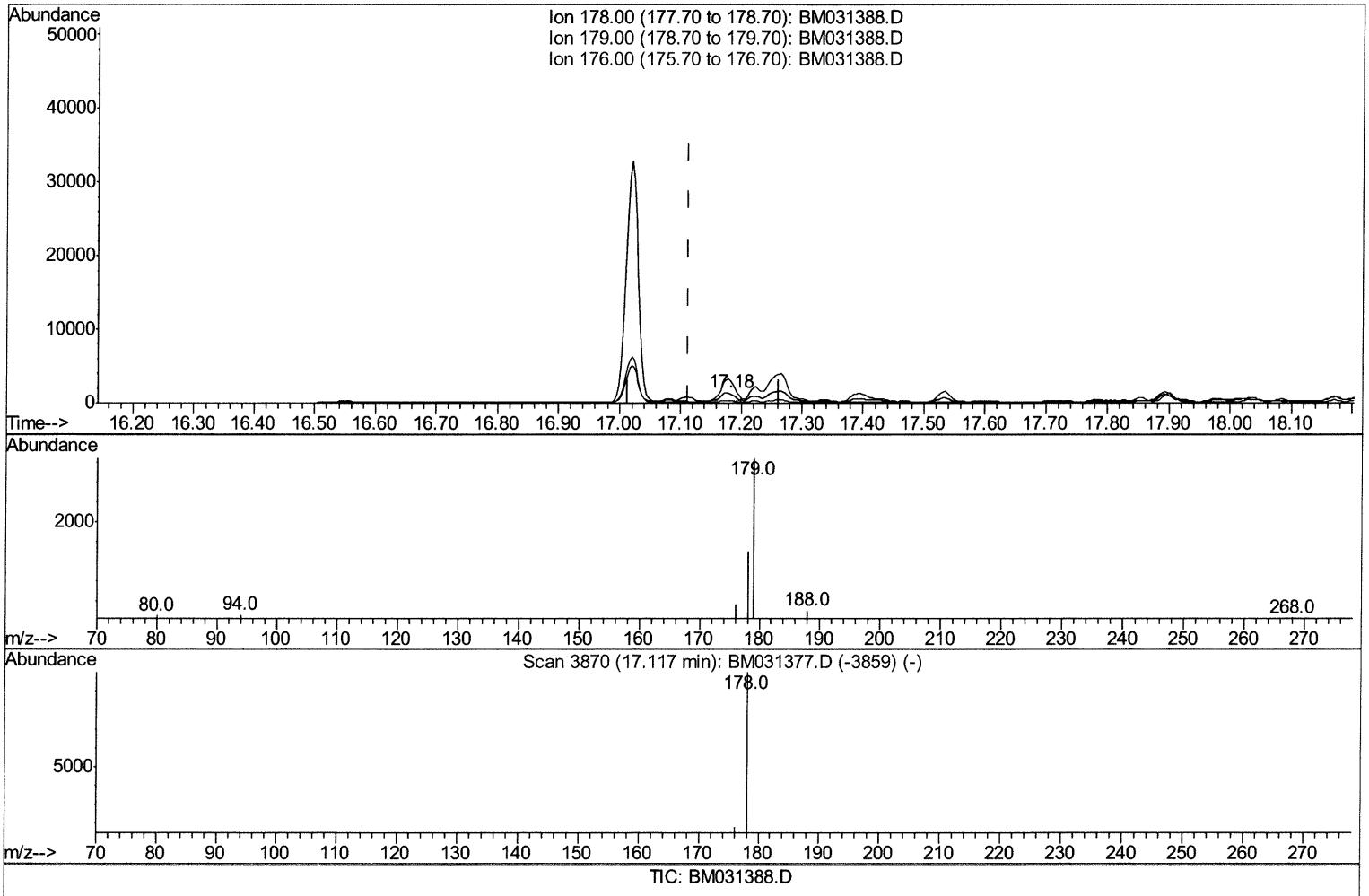
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM



TIC: BM031388.D

(16) Anthracene

17.180min (+0.066) 0.09ng/ul

response 1703

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	233.14#
176.00	19.50	23.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:54:42 2021
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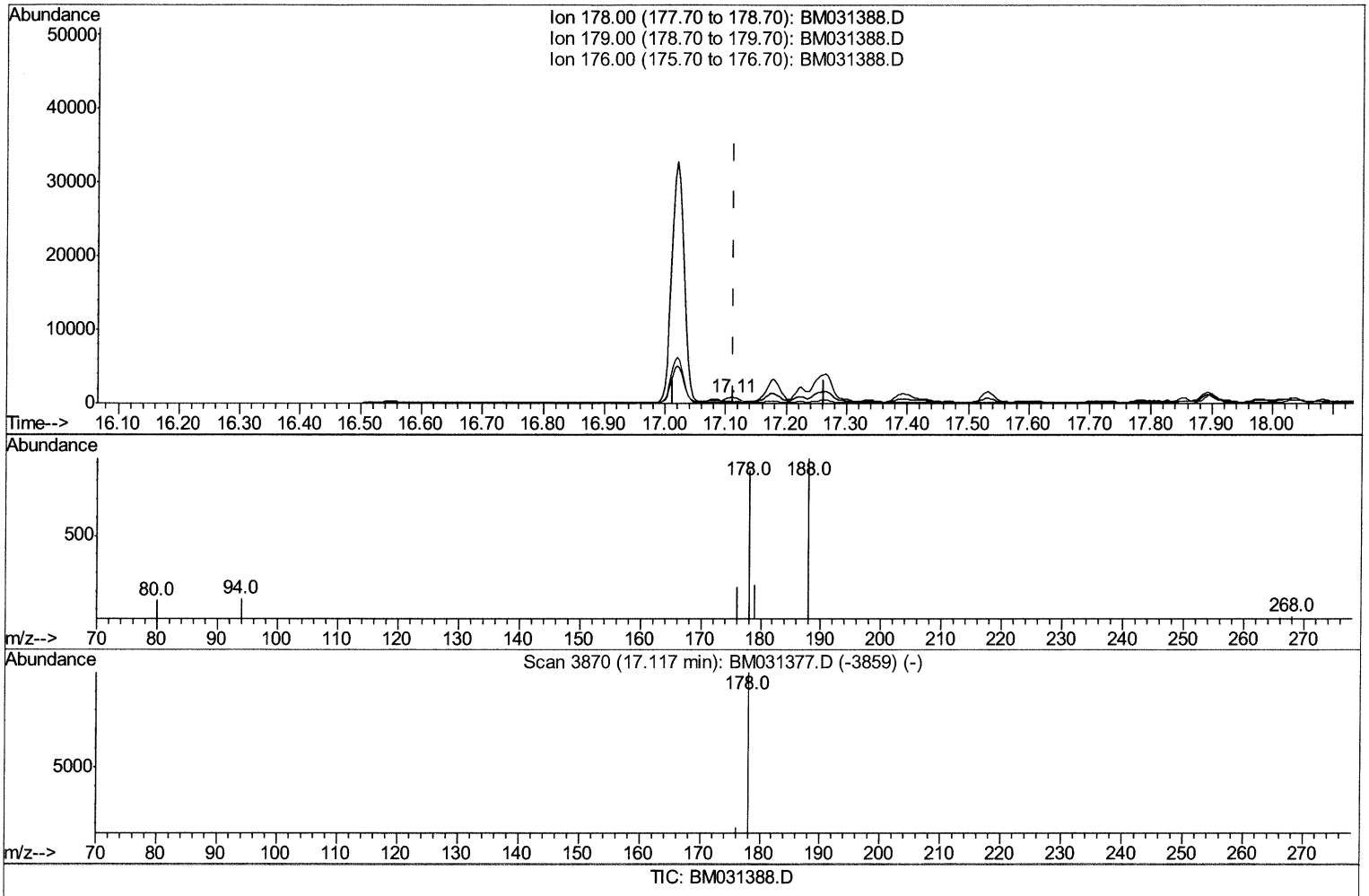
Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM



TIC: BM031388.D

(16) Anthracene

17.110min (-0.003) 0.05ng/ul m 08/04/21 JU

response 894

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	27.52#
176.00	19.50	25.76#
0.00	0.00	0.00

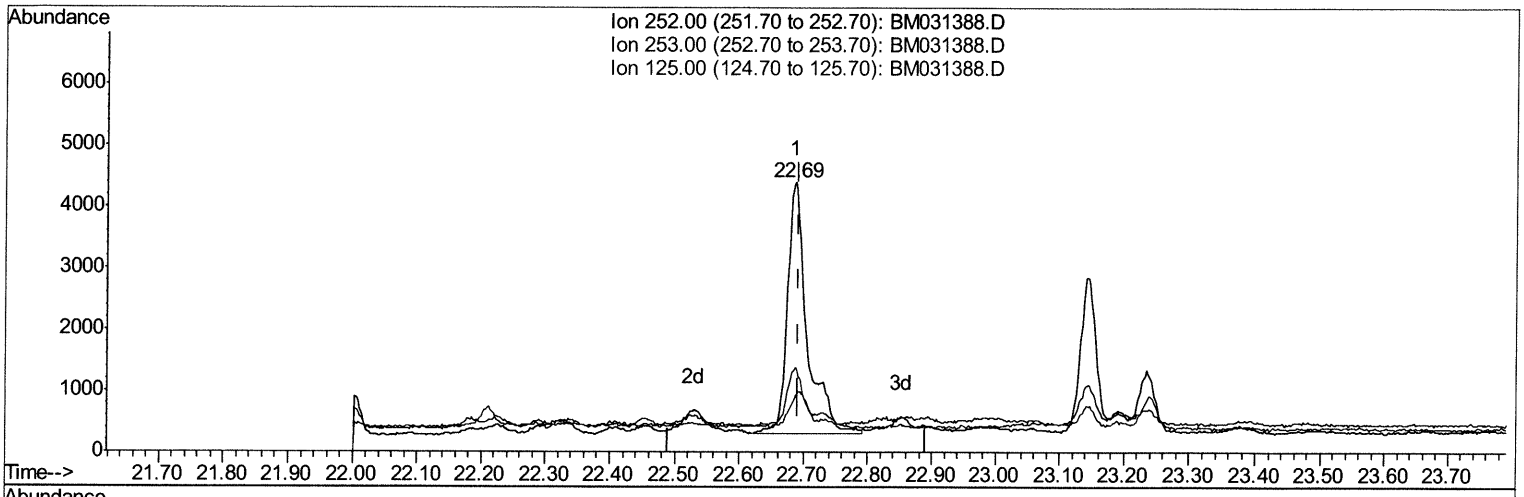
Quantitation Report (Qedit)

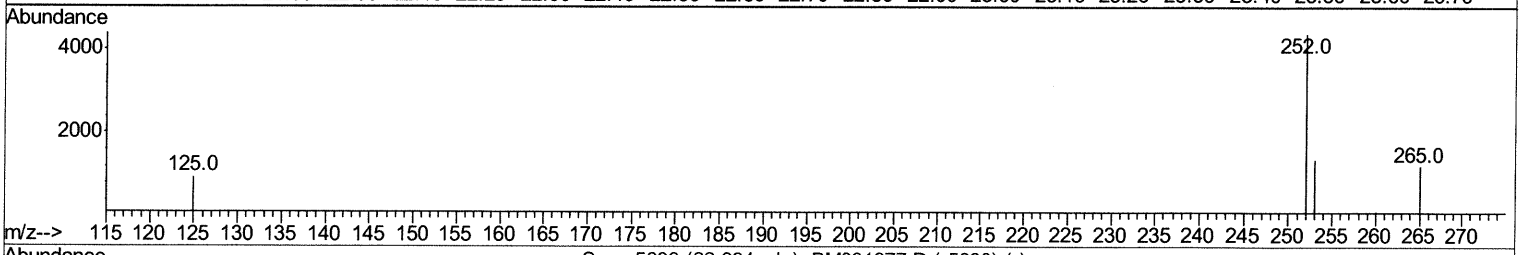
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

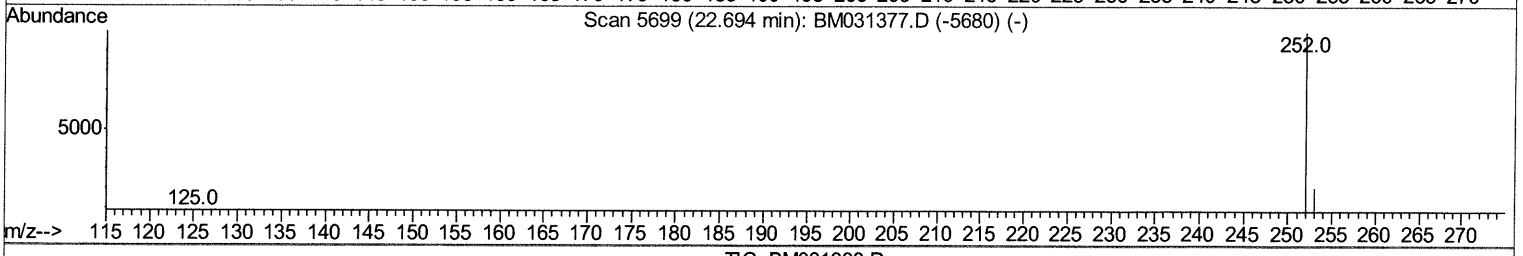
Quant Time: Aug 03 02:56:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM







TIC: BM031388.D

(24) Benzo(b)fluoranthene

22.687min (-0.005) 0.41ng/ul

response 8893

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.30
125.00	11.40	21.09
0.00	0.00	0.00

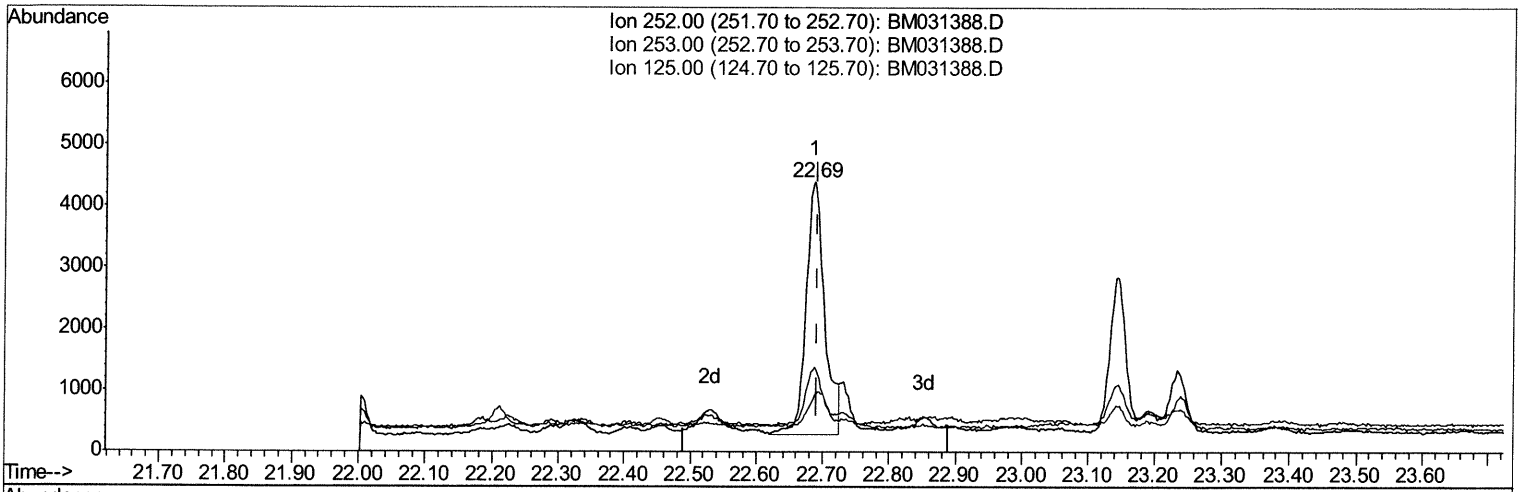
Quantitation Report (Qedit)

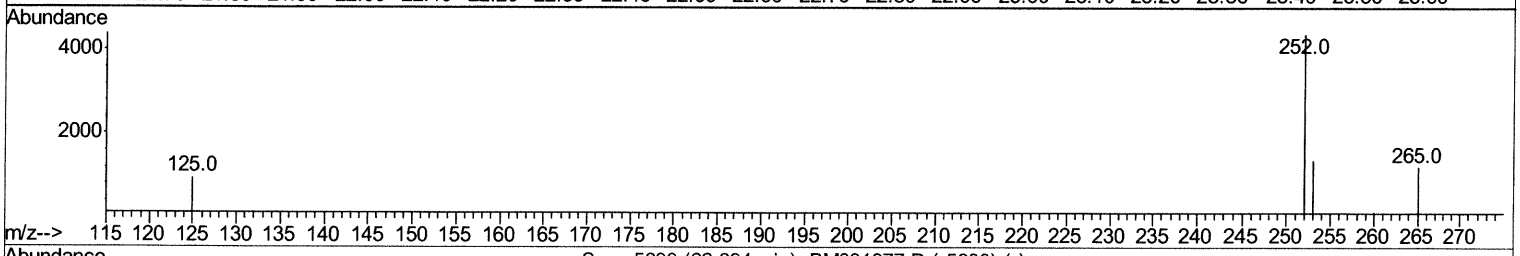
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

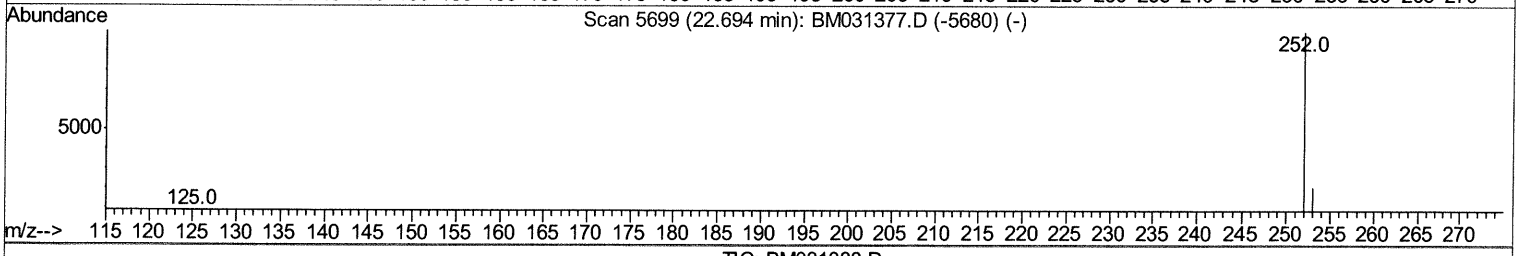
Quant Time: Aug 03 02:56:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM







TIC: BM031388.D

(24) Benzo(b)fluoranthene

22.687min (-0.005) 0.37ng/ul m 08/04/21 JU

response 7994

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	31.30
125.00	11.40	21.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:57:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Mon Aug 02 11:29:41 2021
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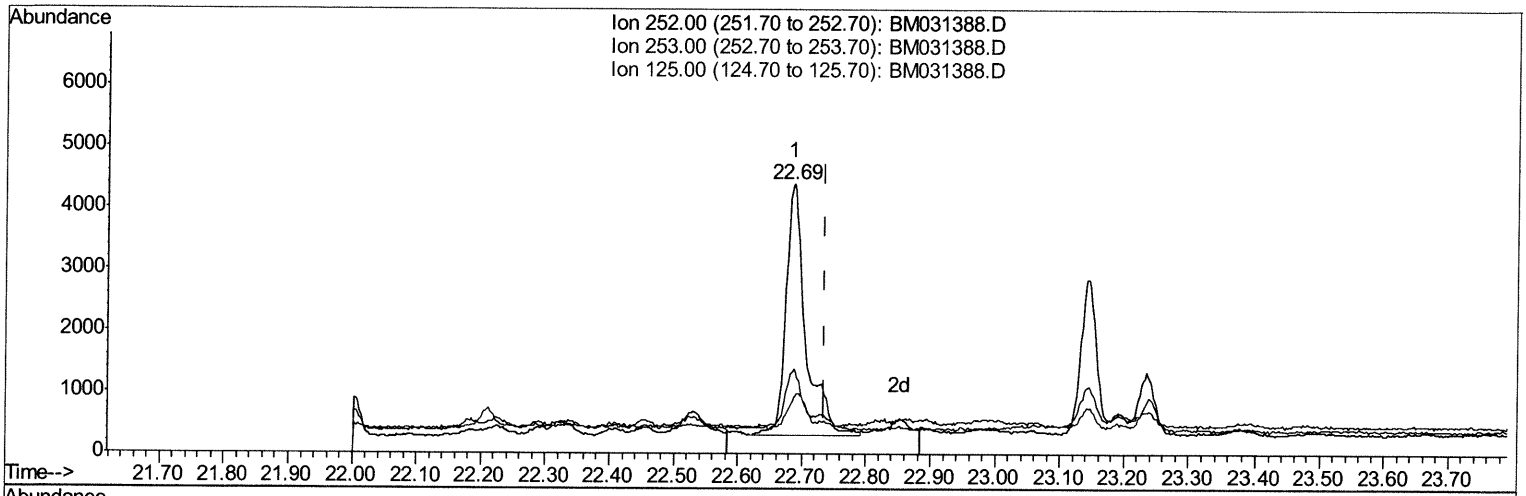
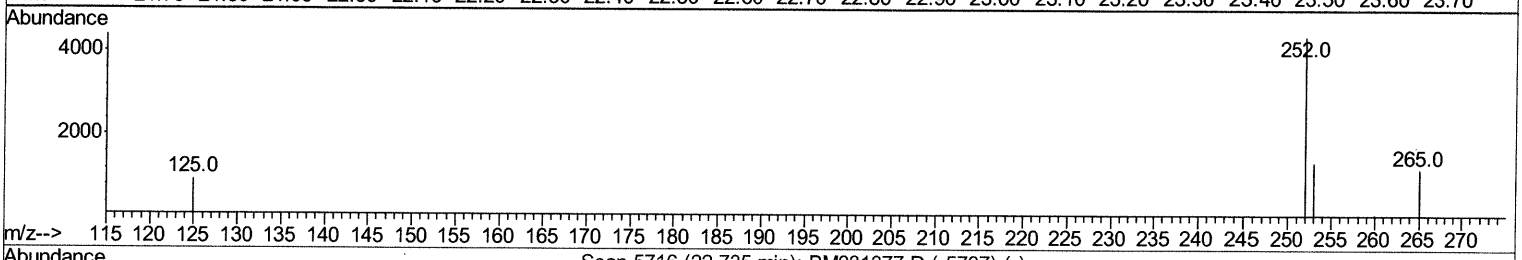
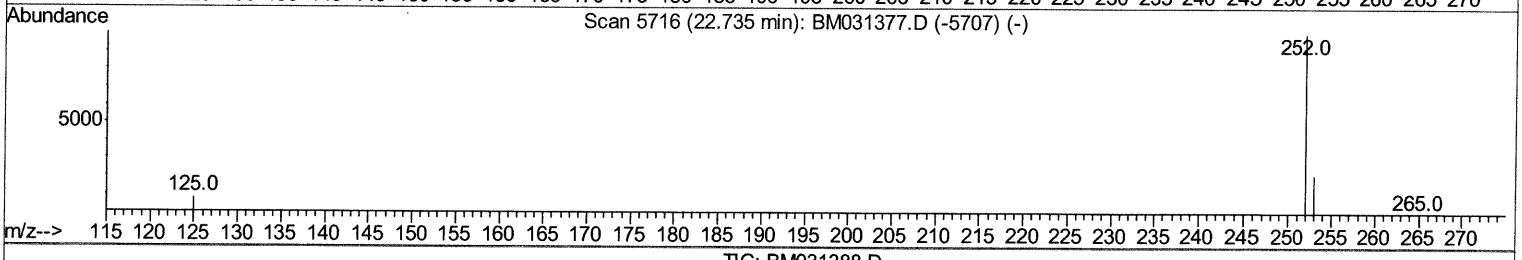
Instrument :
BNA_M
ClientSampleId :
C0066

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM







TIC: BM031388.D

(25) Benzo(k)fluoranthene

22.687min (-0.048) 0.40ng/ul

response 8893

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.30
125.00	11.00	21.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 03 02:57:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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ClientSampleId :
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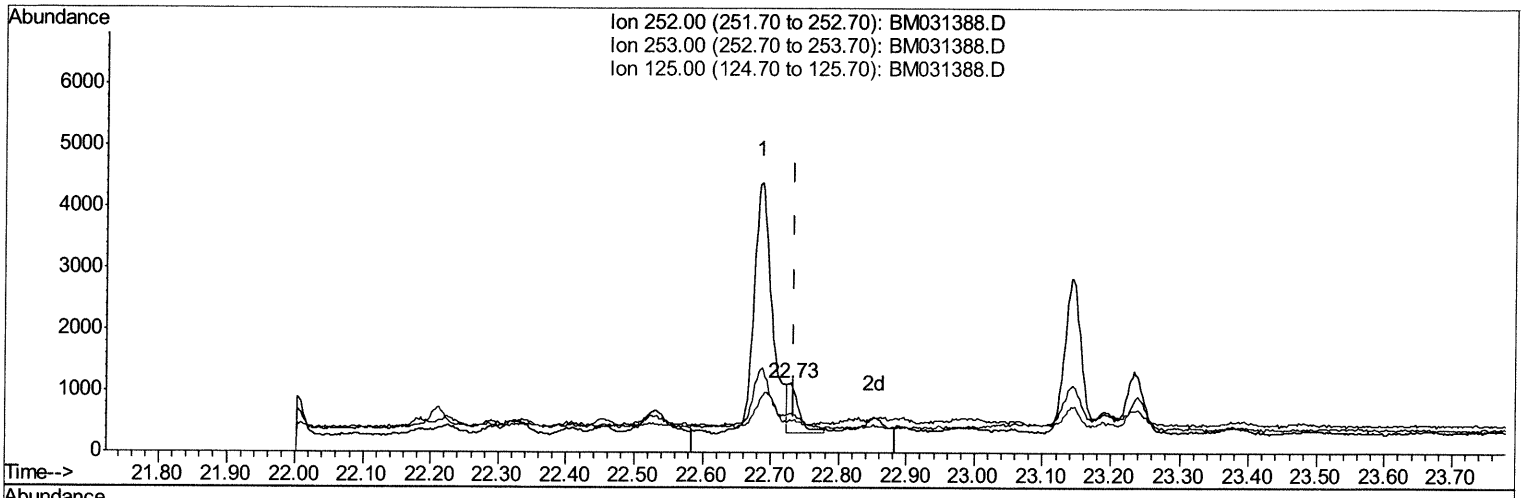
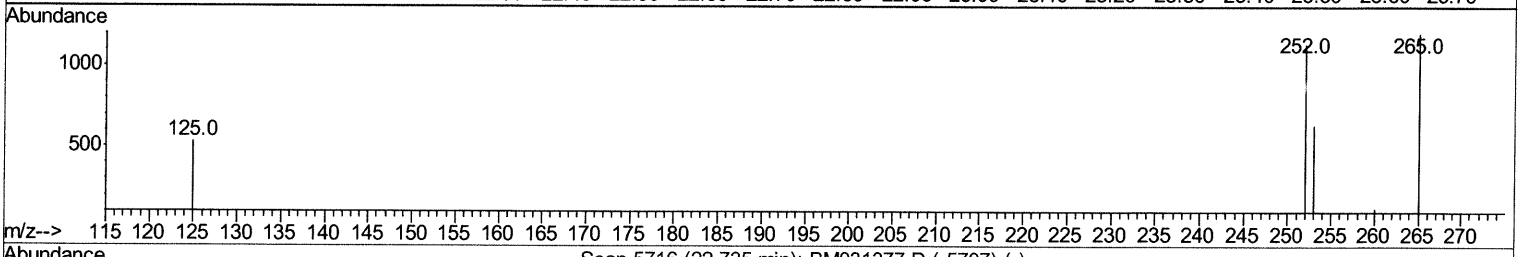
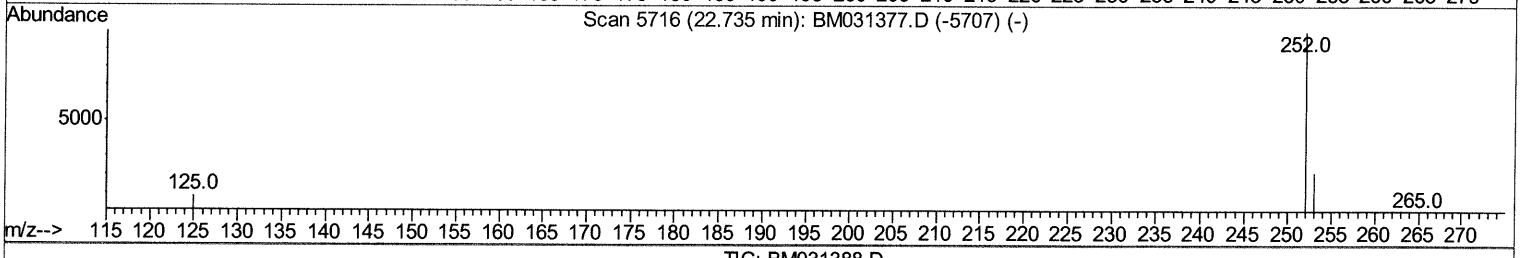
Manual Integrations APPROVED
mohammad
8/3/2021 11:50:55 AM







TIC: BM031388.D

(25) Benzo(k)fluoranthene

22.730min (-0.005) 0.04ng/ul m 08/04/21 JU

response 955

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	56.30#
125.00	11.00	46.61#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM031388.D
Acq On : 02 Aug 2021 22:52
Operator : CG/JU
Sample : M3123-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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Manual Integrations APPROVED
mohammad
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Quant Time: Aug 03 02:59:25 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1442	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5639	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3811	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6652	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	5196	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4781	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2220	1.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	944	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	1944	0.11	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	30204	1.798	ng/ul	97
7) 2-Methylnaphthalene	12.03	142	34113	2.973	ng/ul	99
8) 1-Methylnaphthalene	12.25	142	22494	1.984	ng/ul	100
10) Acenaphthylene	13.95	152	823	0.051	ng/ul#	60
11) Acenaphthene	14.32	153	1216m >	0.089	ng/ul >	08/04/21 JU
12) Fluorene	15.29	166	1951	0.124	ng/ul#	67
15) Phenanthrene	17.02	178	45524	2.155	ng/ul	98
16) Anthracene	17.11	178	894m >	0.045	ng/ul >	08/04/21 JU
19) Fluoranthene	19.04	202	9158	0.413	ng/ul#	91
20) Pyrene	19.41	202	8345	0.371	ng/ul#	92
21) Benzo(a)anthracene	21.15	228	3785	0.180	ng/ul#	47
22) Chrysene	21.20	228	20620	0.950	ng/ul#	92
24) Benzo(b)fluoranthene	22.69	252	7994m >	0.371	ng/ul >	08/04/21 JU
25) Benzo(k)fluoranthene	22.73	252	955m >	0.043	ng/ul >	
26) Benzo(a)pyrene	23.23	252	1737	0.092	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.47	276	1642	0.067	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.48	278	1107	0.056	ng/ul#	1

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