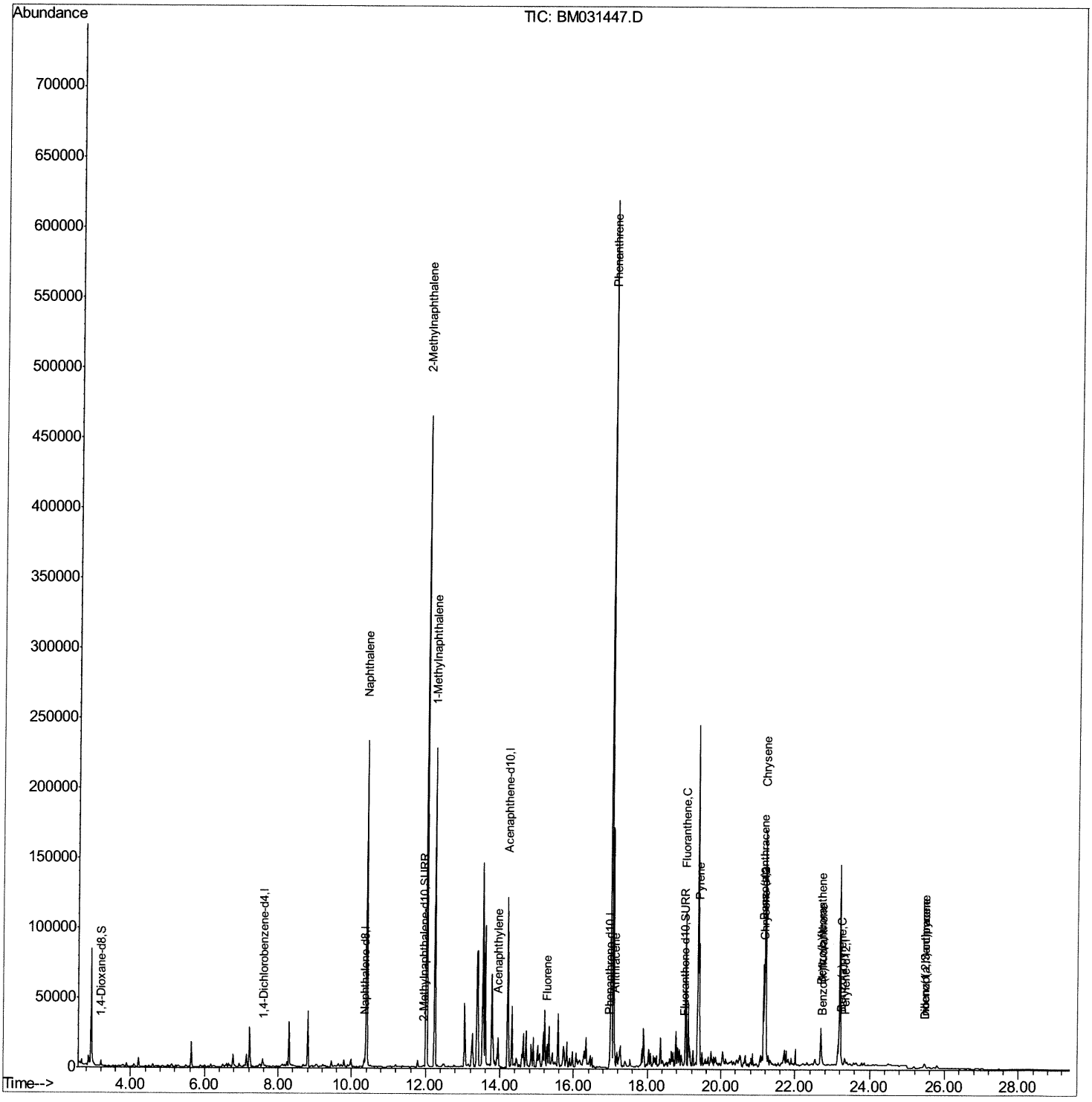
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031447.D
Acq On : 04 Aug 2021 14:52
Operator : CG/JU
Sample : M3123-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 18:18:55 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 : Wed Aug 04 12:17:22 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM



Quantitation Report (Qedit)

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Acq On : 04 Aug 2021 14:52
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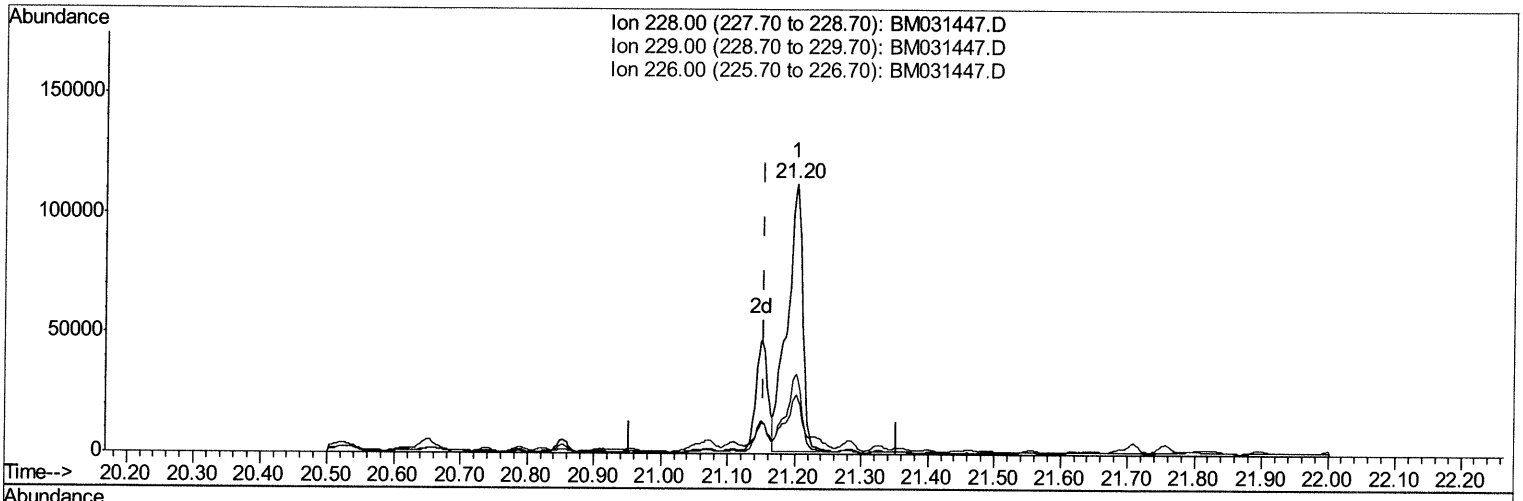
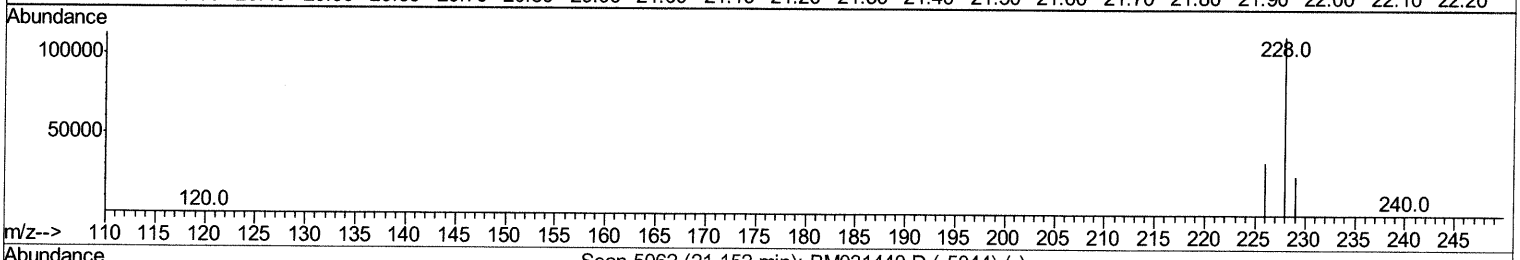
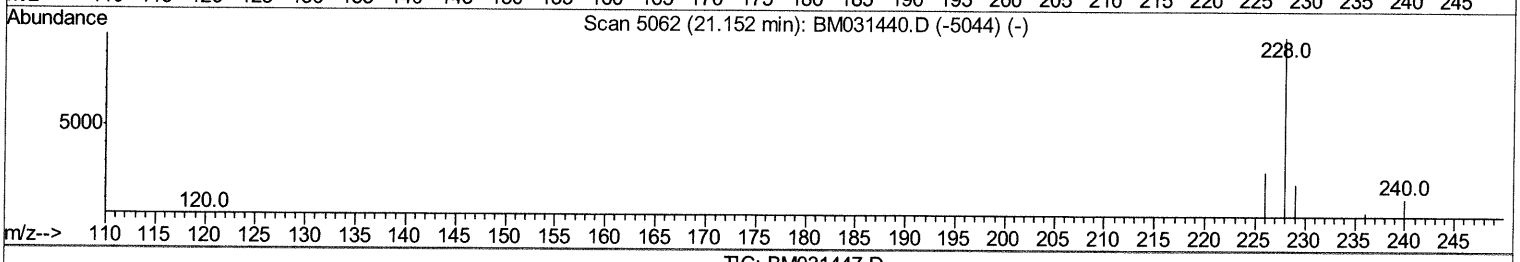
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(21) Benzo(a)anthracene

21.202min (+0.049) 7.14ng/ul

response 181137

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	21.95
226.00	27.10	29.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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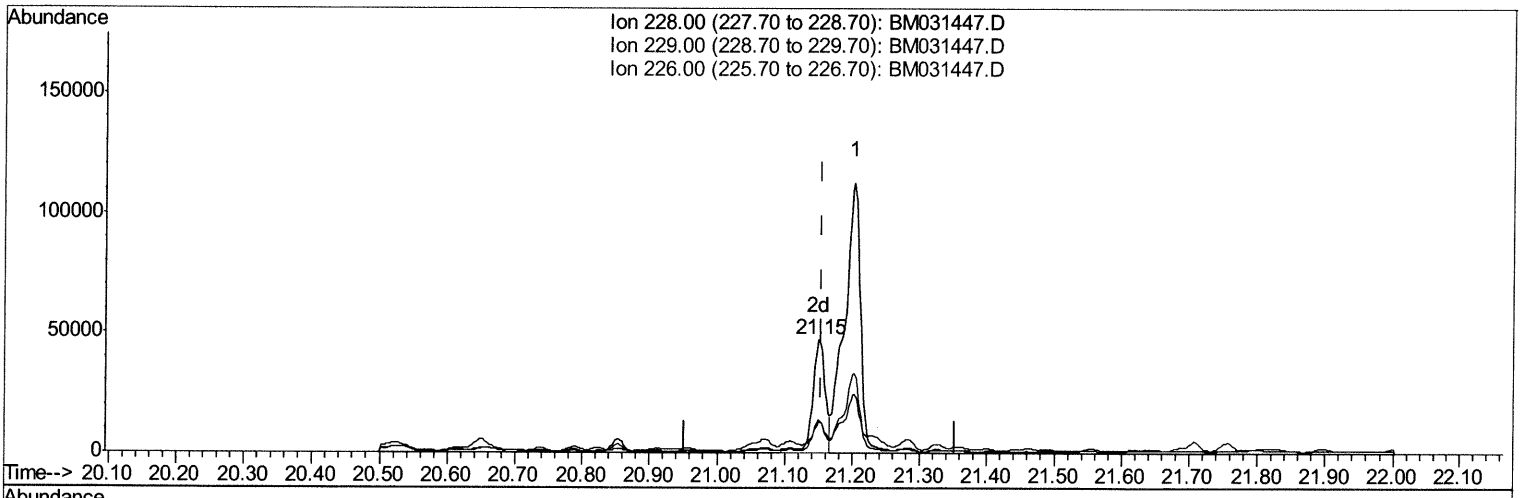
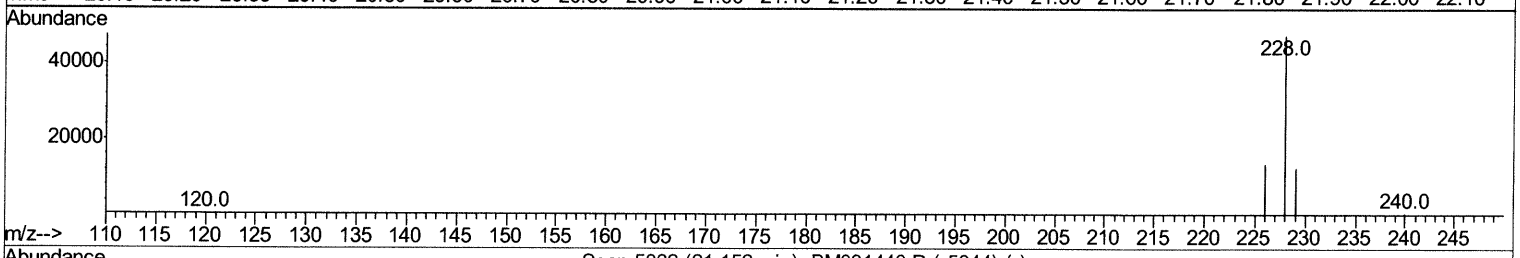
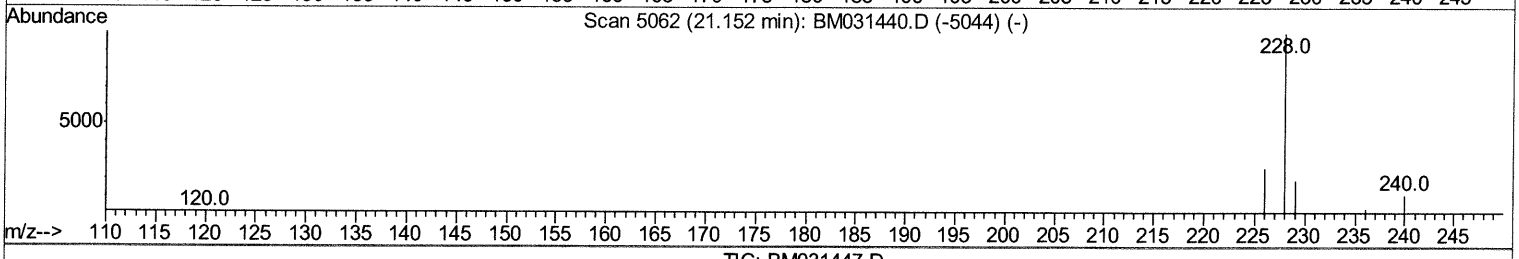
Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







(21) Benzo(a)anthracene

21.149min (-0.004) 2.45ng/ul m 08/06/21 JU

response 62235

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	26.61#
226.00	27.10	29.03
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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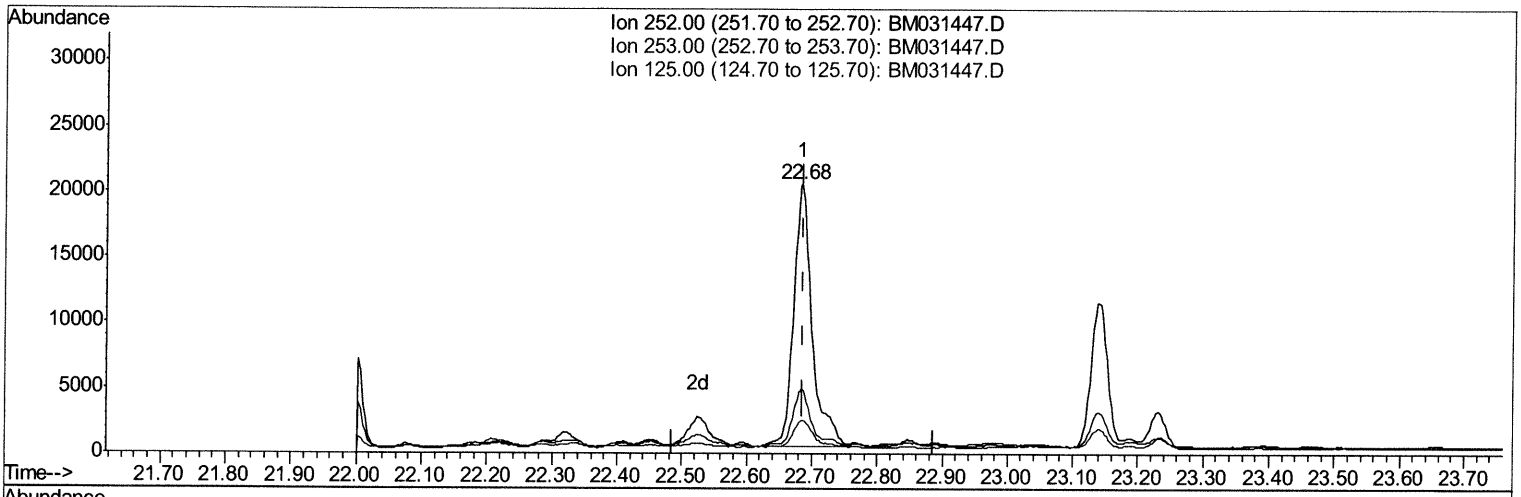
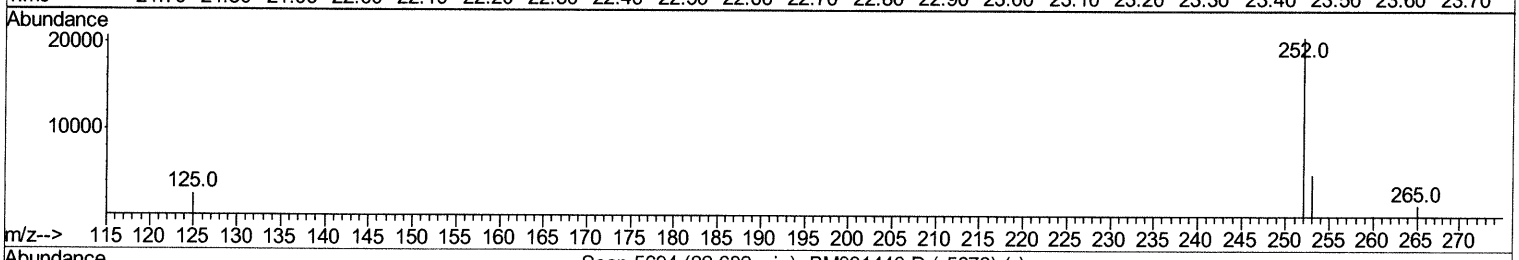
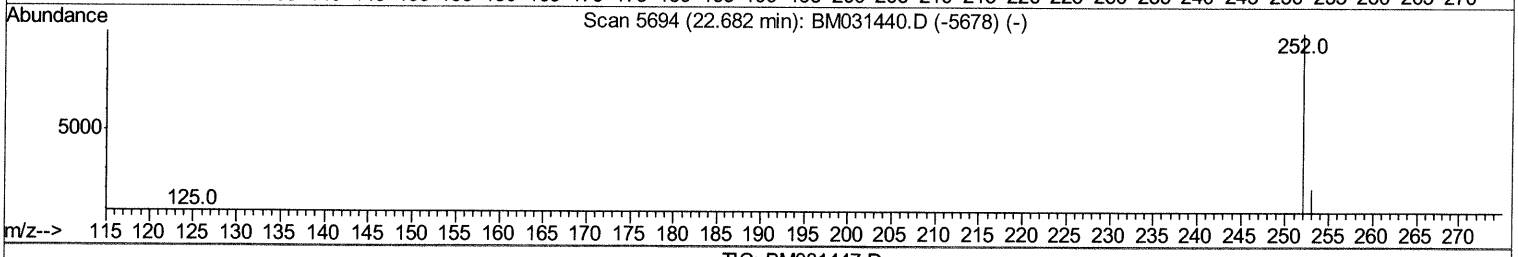
Instrument :
BNA_M
ClientSampleId :
C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(24) Benzo(b)fluoranthene

22.684min (-0.002) 1.47ng/ul

response 39765

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.02
125.00	11.40	12.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031447.D
Acq On : 04 Aug 2021 14:52
Operator : CG/JU
Sample : M3123-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 18:16:26 2021
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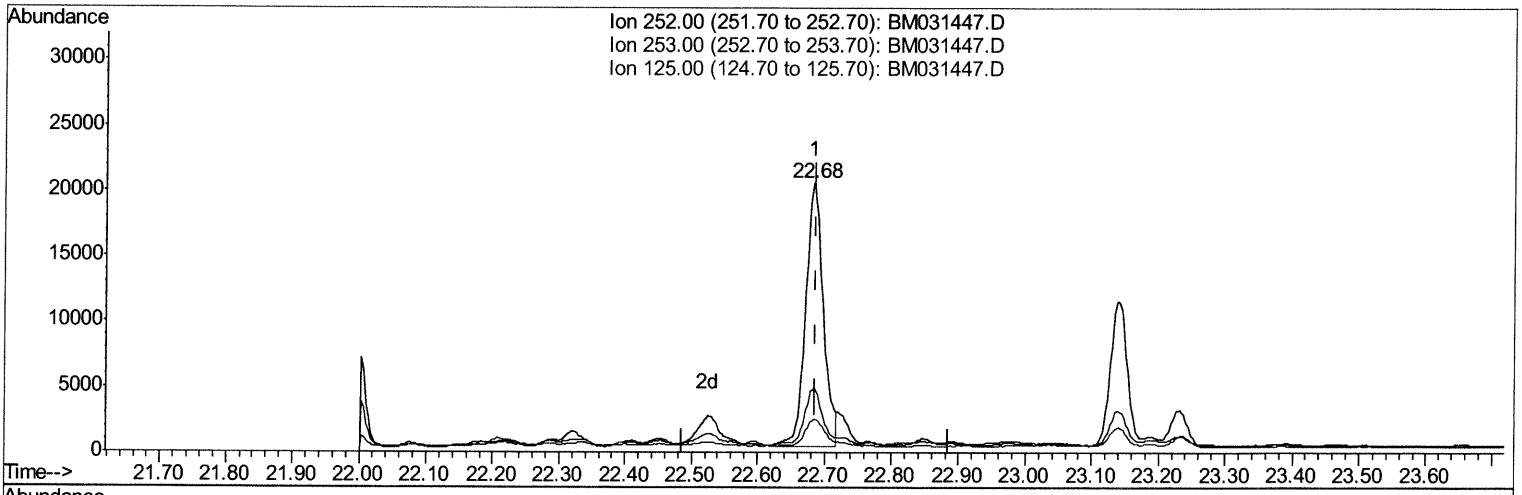
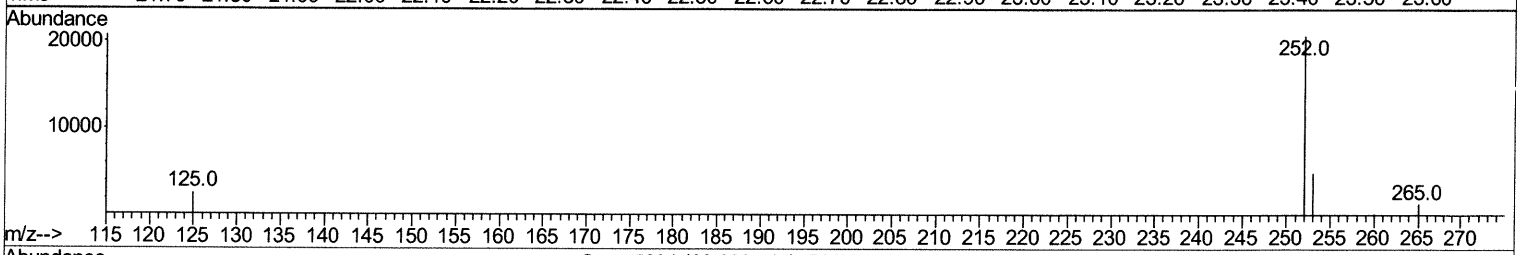
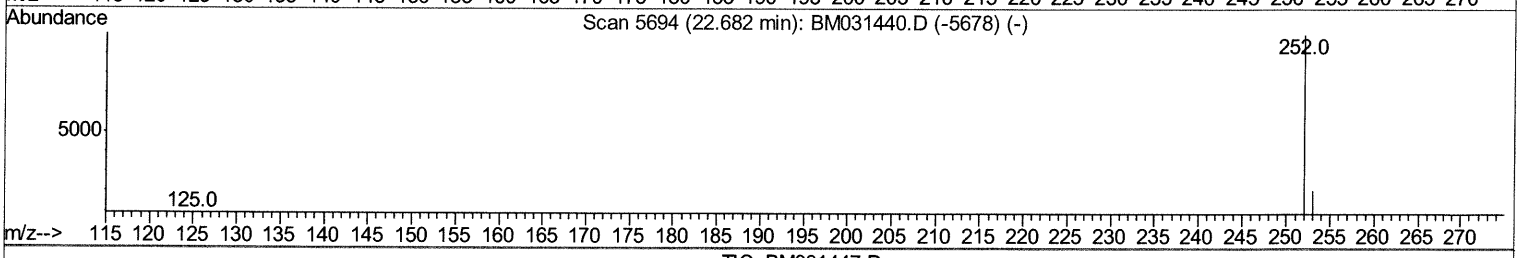
Instrument :
BNA_M
ClientSampleId :
C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(24) Benzo(b)fluoranthene

22.684min (-0.002) 1.38ng/ul m 08/06/21 JU

response 37314

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	24.02
125.00	11.40	12.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031447.D
Acq On : 04 Aug 2021 14:52
Operator : CG/JU
Sample : M3123-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 18:16:26 2021
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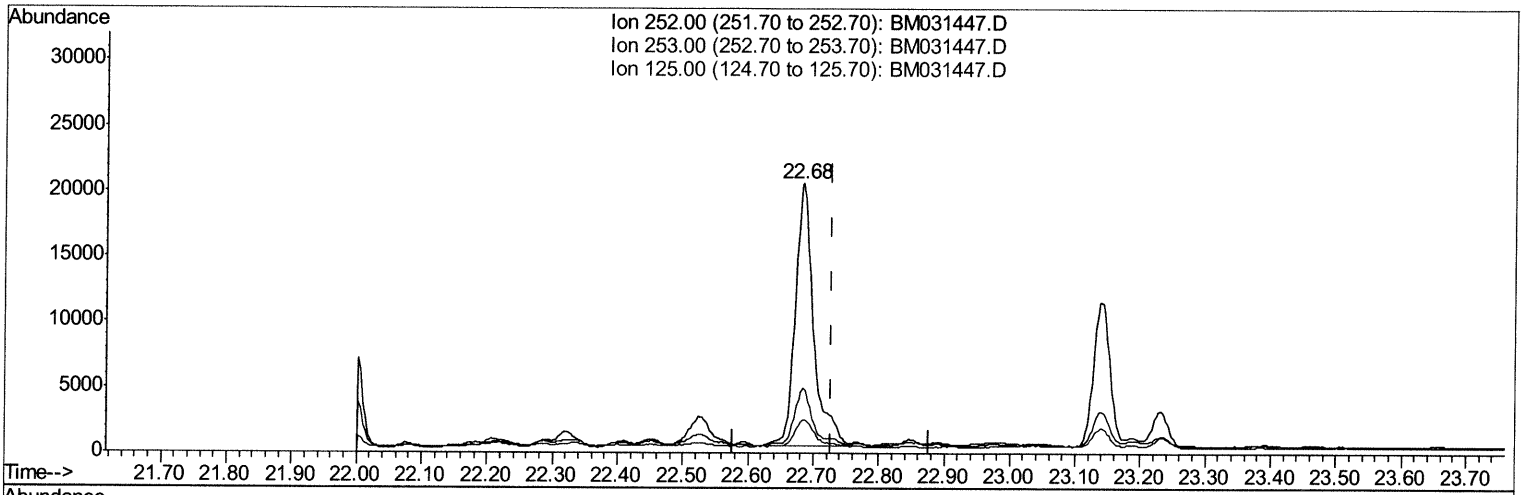
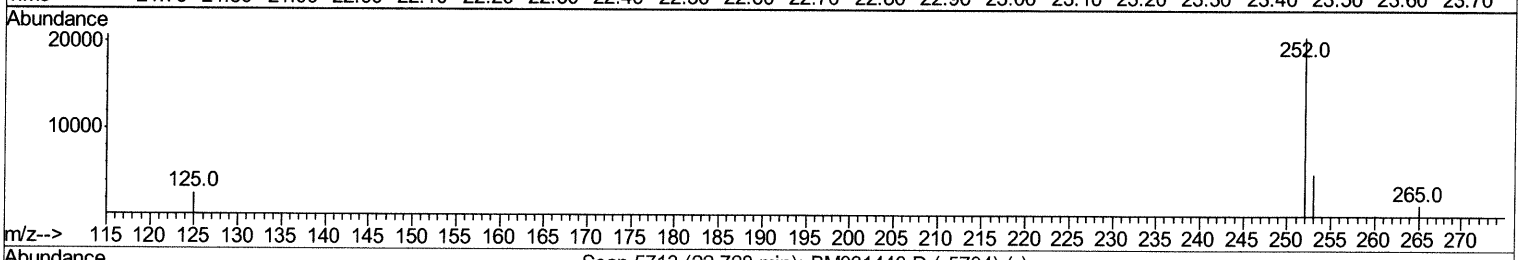
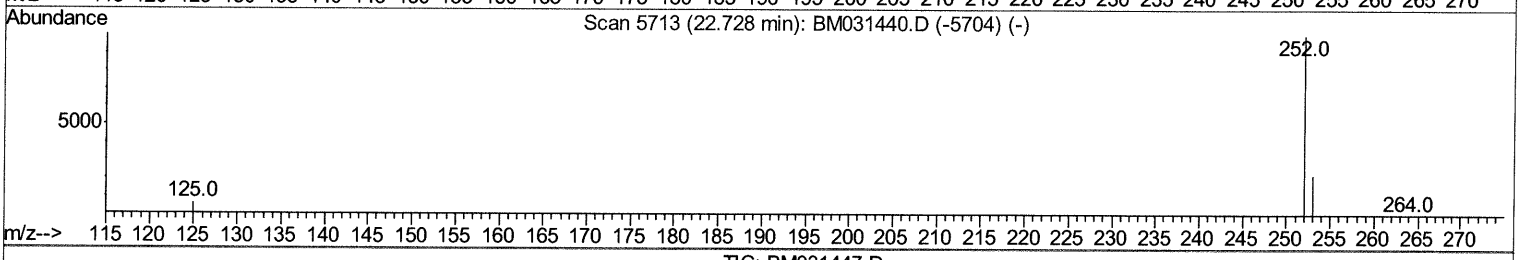
Instrument :
BNA_M
ClientSampleId :
C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(25) Benzo(k)fluoranthene

22.684min (-0.043) 1.42ng/ul

response 39765

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.02
125.00	11.00	12.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031447.D
Acq On : 04 Aug 2021 14:52
Operator : CG/JU
Sample : M3123-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 18:16:26 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 : Wed Aug 04 12:17:22 2021
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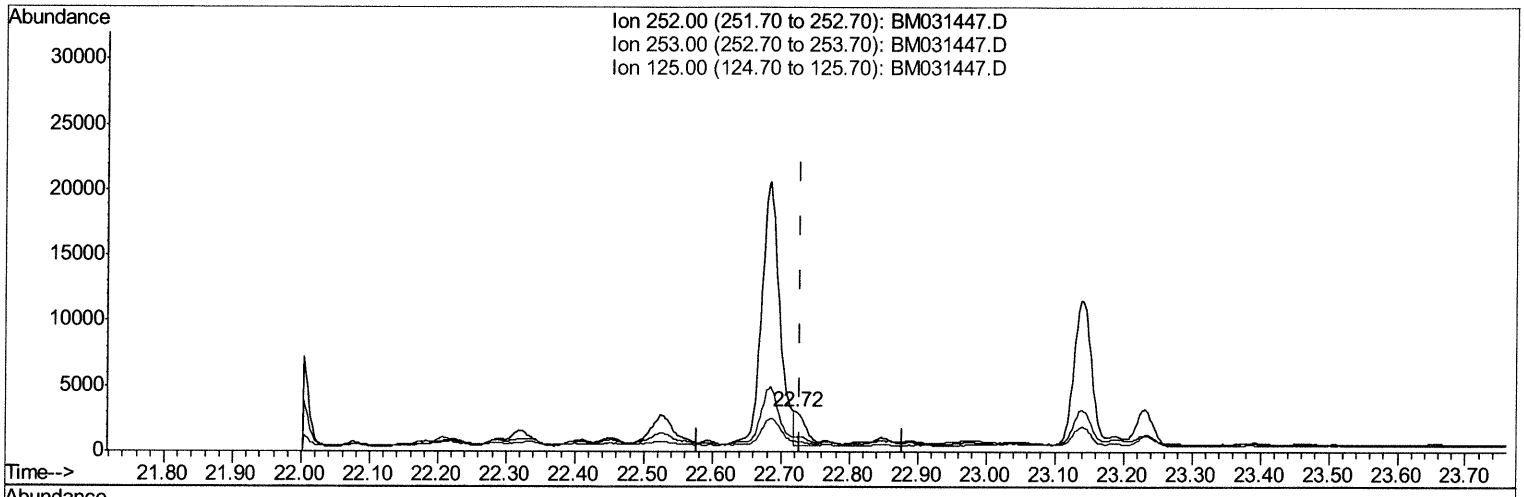
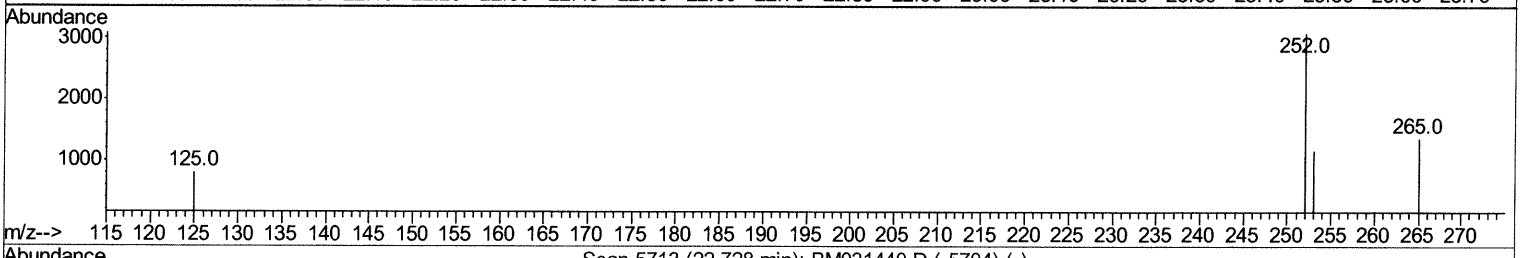
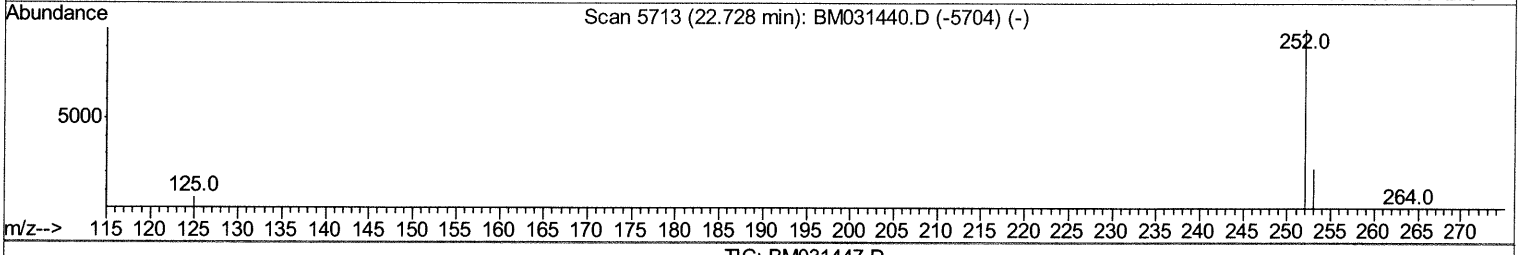
Instrument :
BNA_M
ClientSampleId :
C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(25) Benzo(k)fluoranthene

22.721min (-0.007) 0.11ng/ul m 08/06/21 JU

response 3141

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	37.65#
125.00	11.00	26.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031447.D
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Operator : CG/JU
Sample : M3123-04RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 18:16:26 2021
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BNA_M
ClientSampleId :
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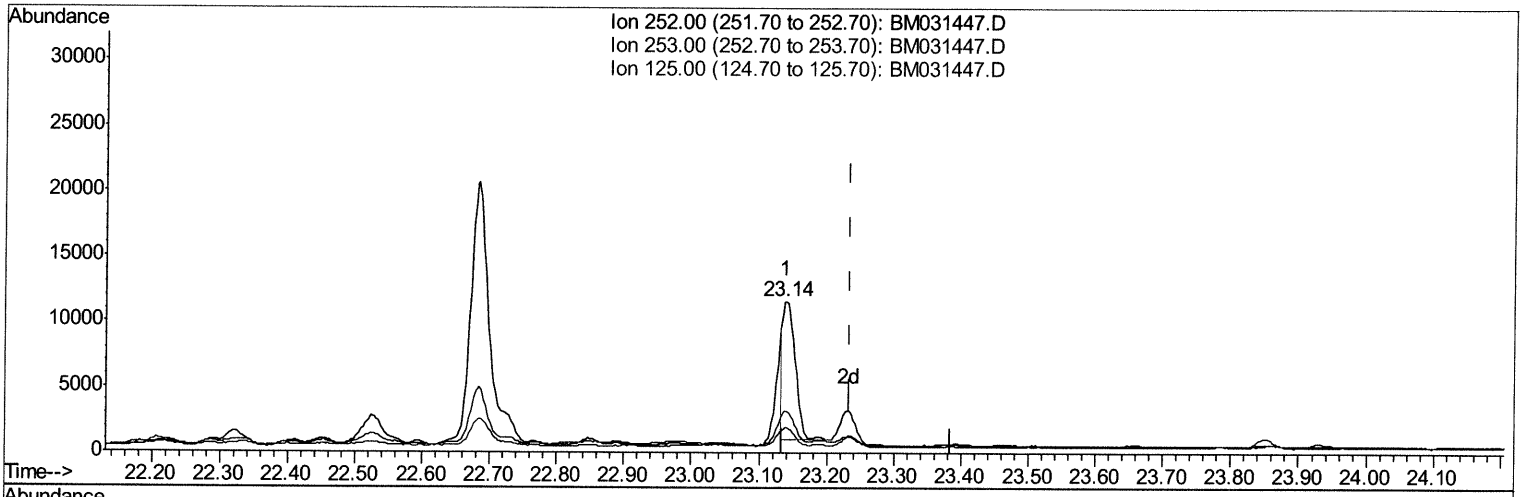
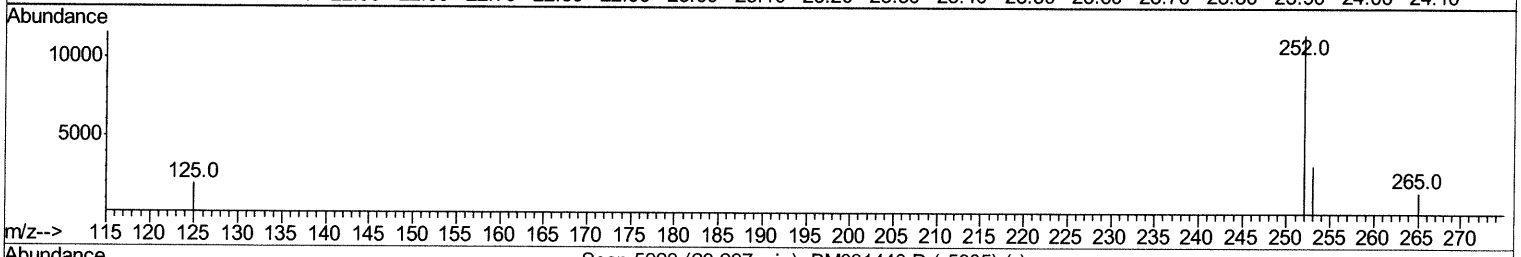
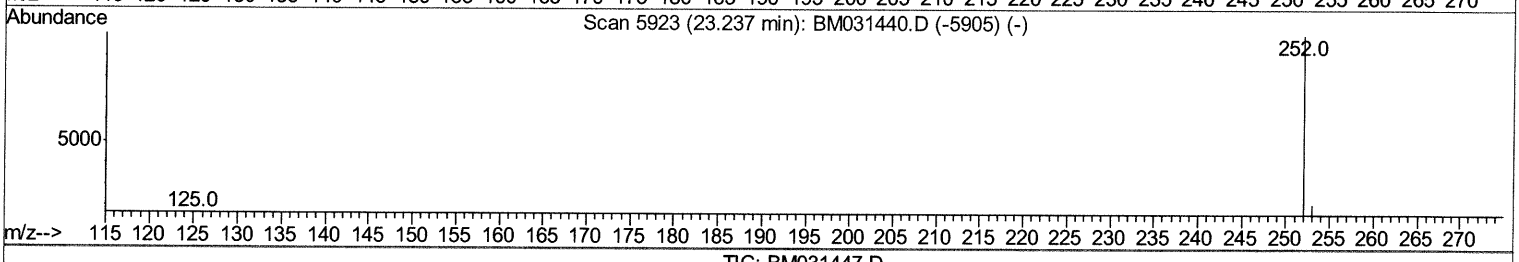
Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(26) Benzo(a)pyrene (C)

23.137min (-0.097) 0.56ng/ul

response 13245

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	27.44
125.00	16.20	16.59
0.00	0.00	0.00

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ClientSampleId :
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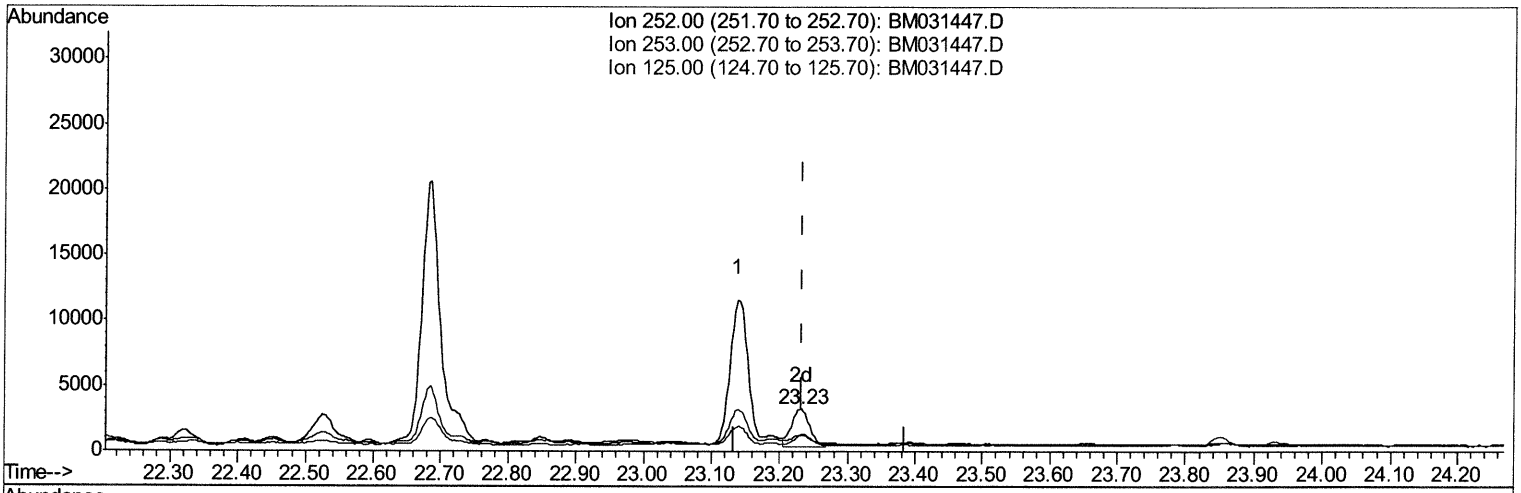
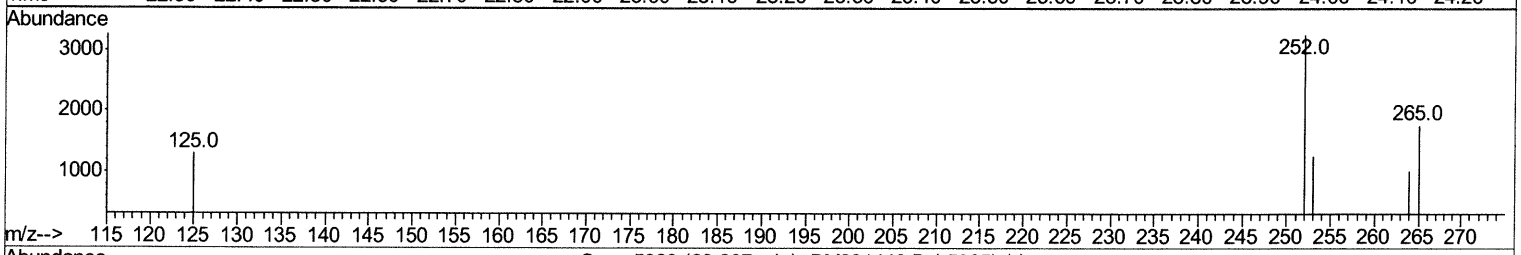
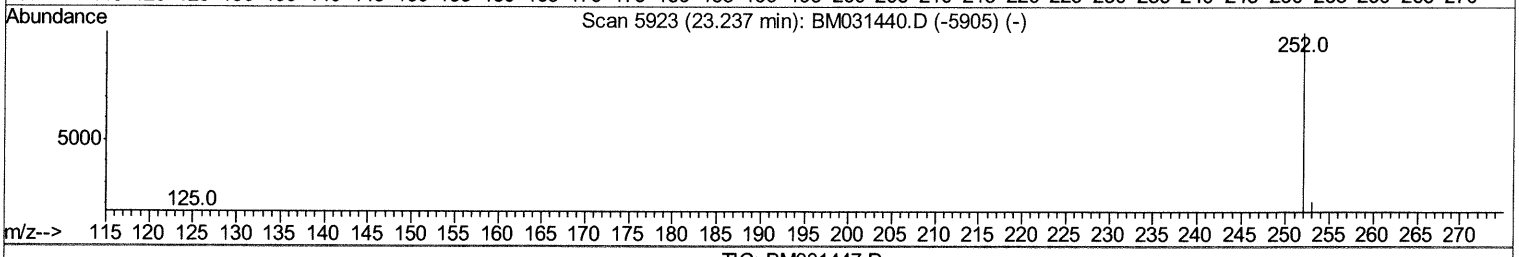
Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM







TIC: BM031447.D

(26) Benzo(a)pyrene (C)

23.232min (-0.002) 0.22ng/ul m 08/06/21 JU

response 5176

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	38.56#
125.00	16.20	39.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0067RE

Manual Integrations APPROVED
mohammad
8/5/2021 5:04:37 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1334	0.40	ng/ul	0.00
4) Naphthalene-d8	10.35	136	5290	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	7163	0.40	ng/ul	-0.02
13) Phenanthrene-d10	16.97	188	7631	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	6282	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	6001	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2524	1.70	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.95	152	1399	0.16	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	3495	0.17	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.40	128	306934	19.478	ng/ul	97
7) 2-Methylnaphthalene	12.02	142	308873	28.691	ng/ul	100
8) 1-Methylnaphthalene	12.25	142	149058	14.013	ng/ul	100
10) Acenaphthylene	13.95	152	2758	0.090	ng/ul#	63
12) Fluorene	15.28	166	5353	0.181	ng/ul#	52
15) Phenanthrene	17.02	178	636928	26.285	ng/ul	97
16) Anthracene	17.10	178	20766	0.915	ng/ul	99
19) Fluoranthene	19.04	202	99466	3.708	ng/ul#	95
20) Pyrene	19.40	202	72657	2.670	ng/ul	96
21) Benzo(a)anthracene	21.15	228	62235m	2.453	ng/ul	08/06/2134
22) Chrysene	21.20	228	181137	6.902	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	37314m	1.380	ng/ul	08/06/2134
25) Benzo(k)fluoranthene	22.72	252	3141m	0.112	ng/ul	
26) Benzo(a)pyrene	23.23	252	5176m	0.219	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.46	276	2833	0.093	ng/ul#	70
28) Dibenzo(a,h)anthracene	25.47	278	4272	0.173	ng/ul#	50

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