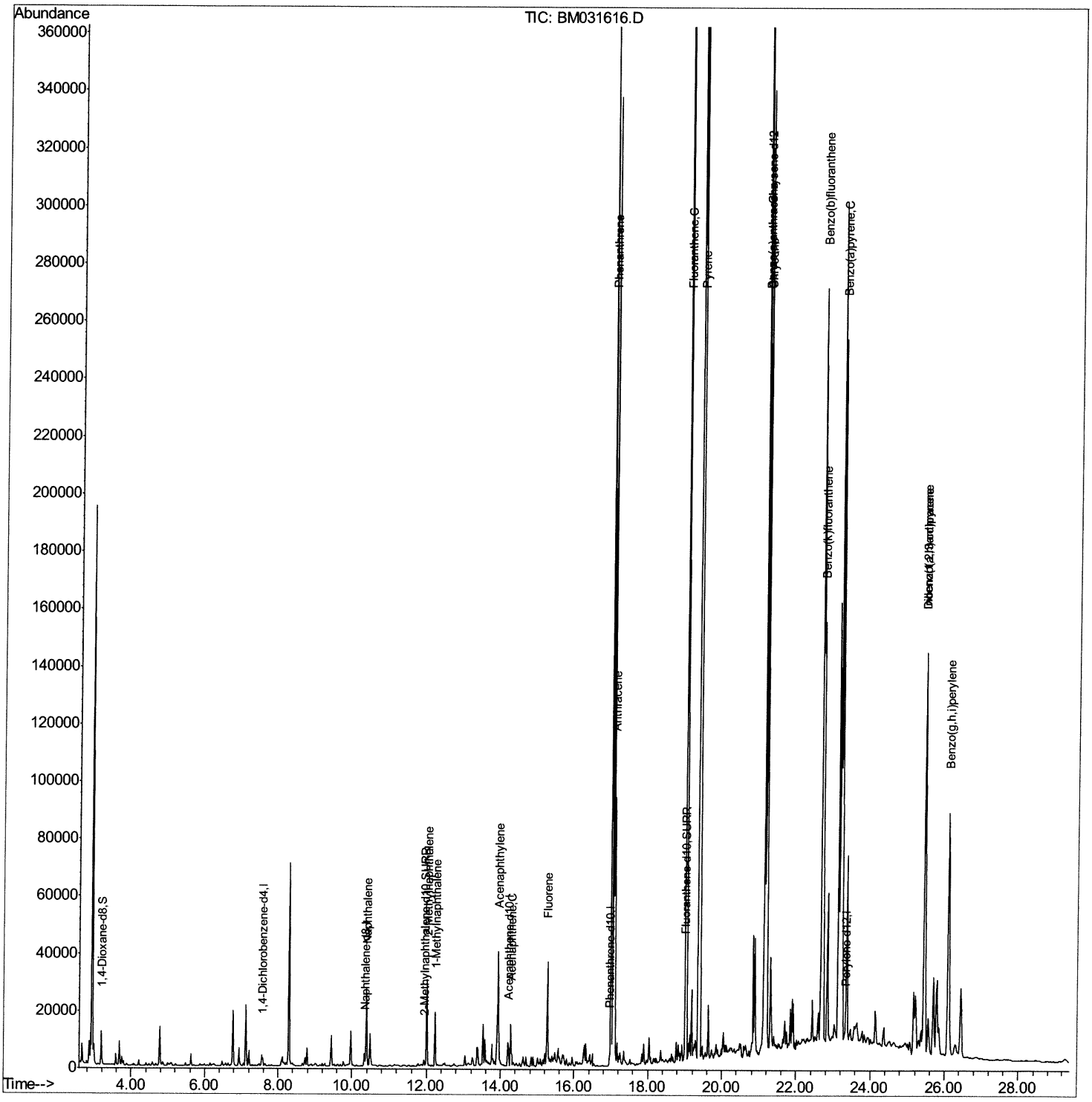
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031616.D
Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 10 03:22:20 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 : Tue Aug 10 02:43:39 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031616.D
Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
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Quant Time: Aug 10 02:55:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations APPROVED
mohammad
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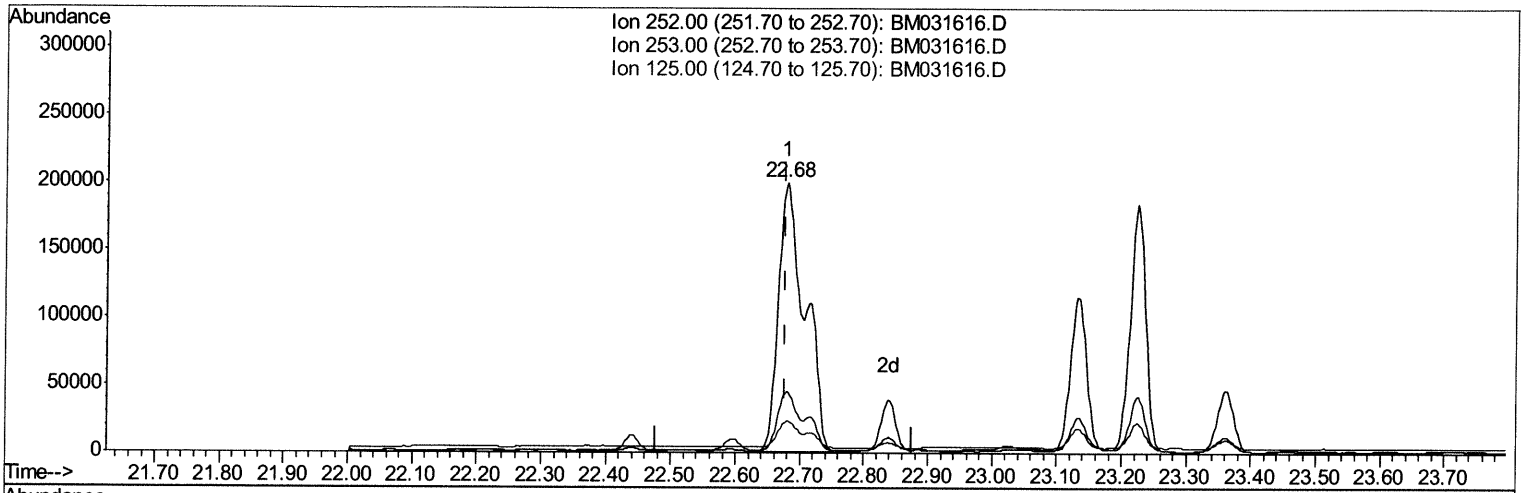

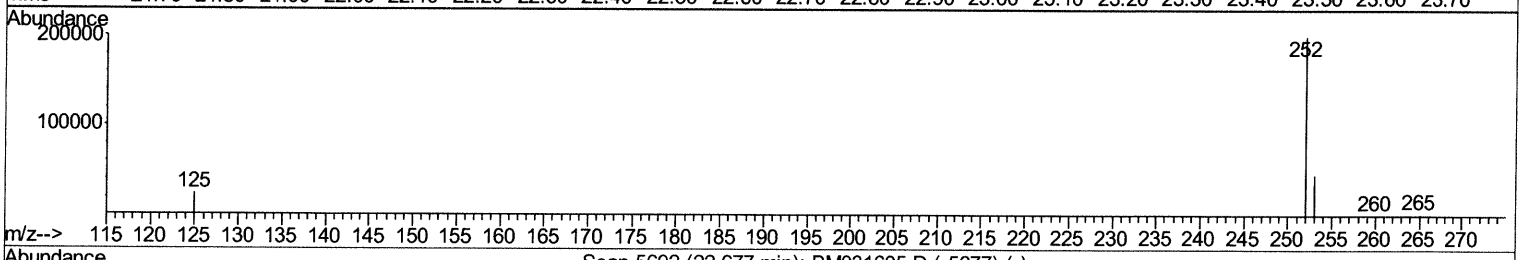

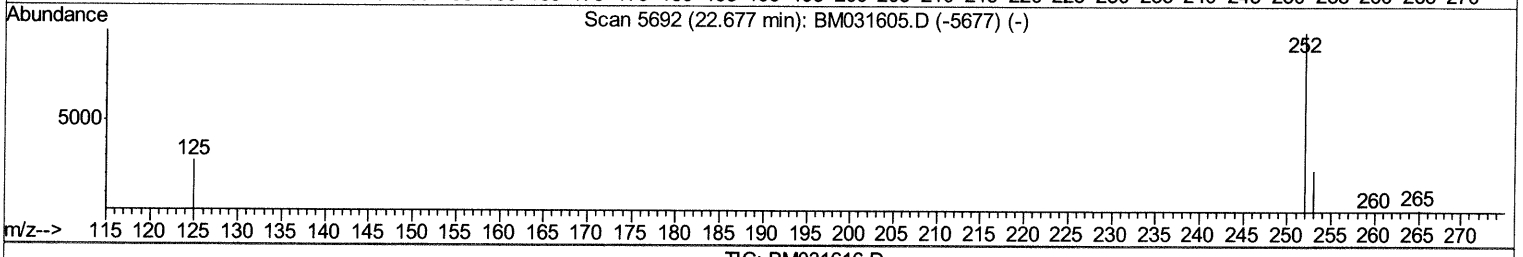

TIC: BM031616.D

(24) Benzo(b)fluoranthene

22.679min (+0.002) 27.35ng/ul

response 570831

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.63
125.00	11.40	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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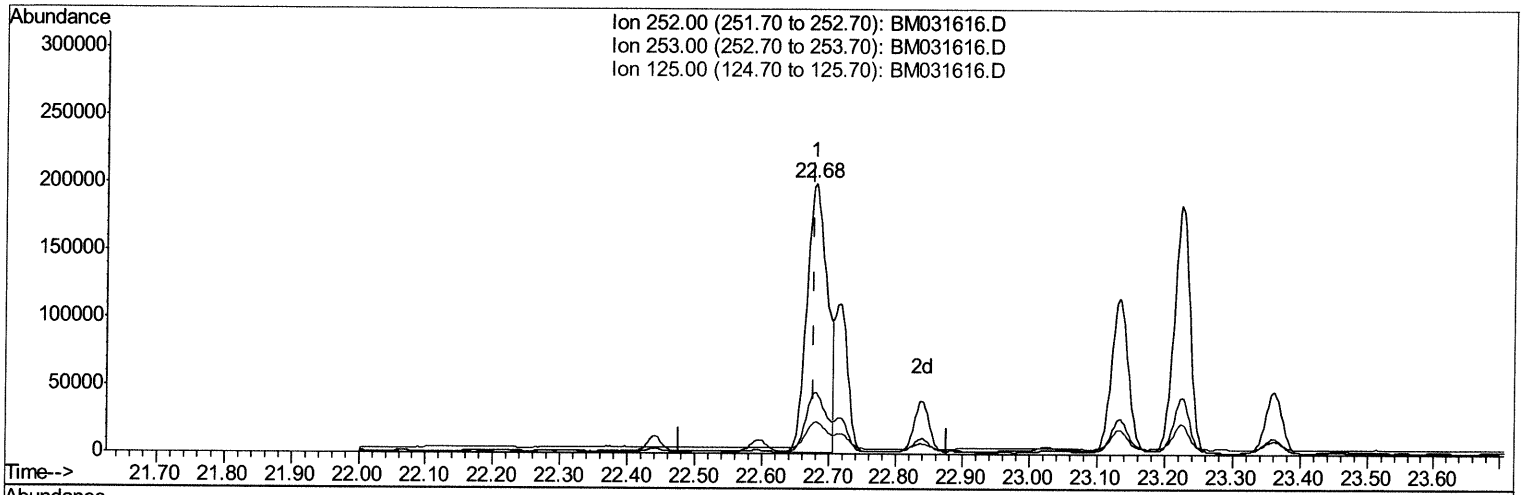
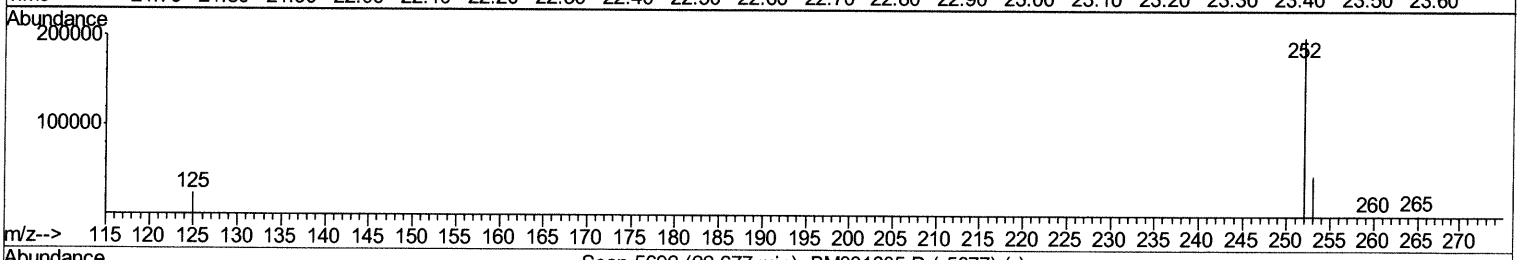
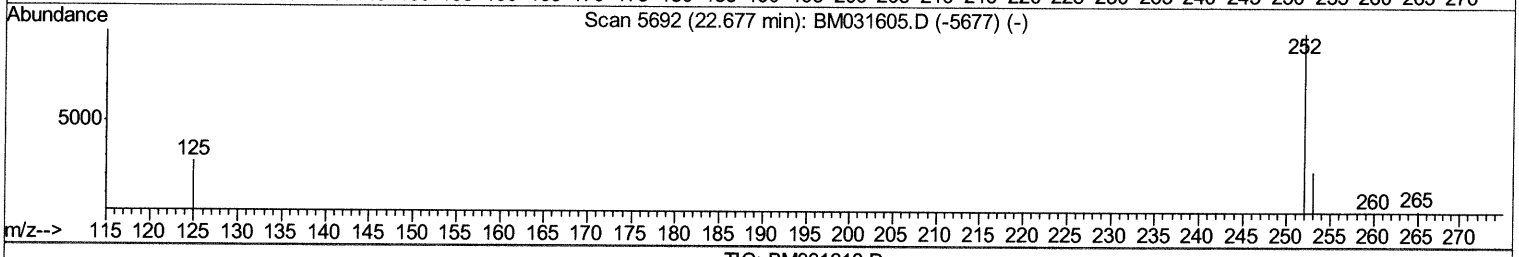
Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM







TIC: BM031616.D

(24) Benzo(b)fluoranthene

22.679min (+0.002) 20.39ng/ul m

response 425718

JU 8/14/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.63
125.00	11.40	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
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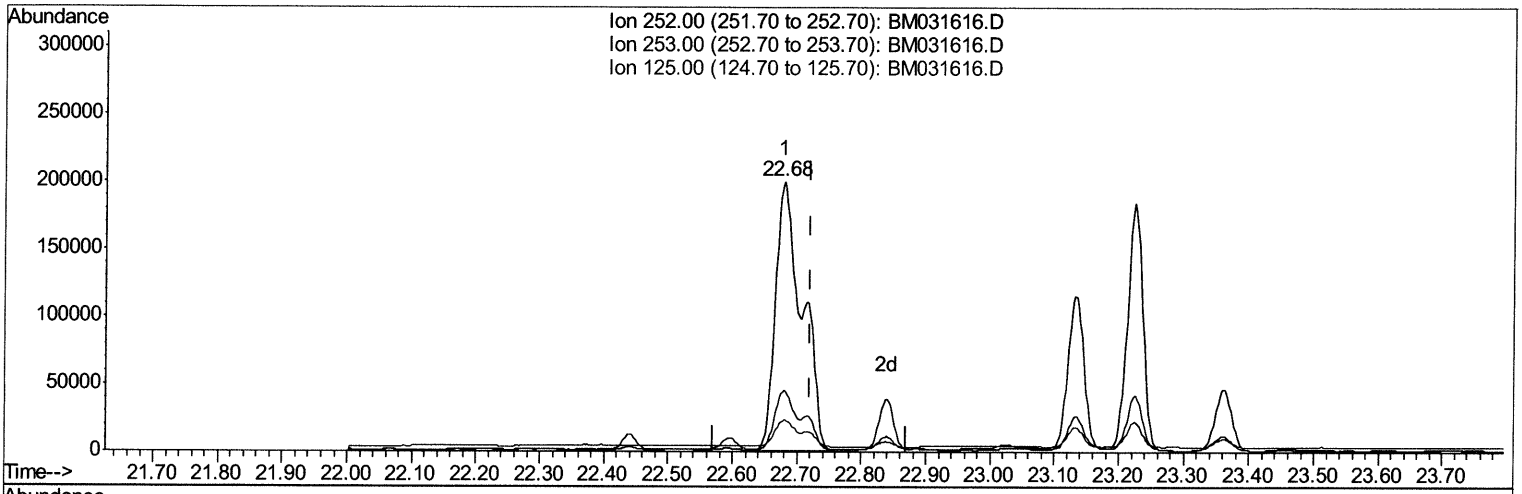
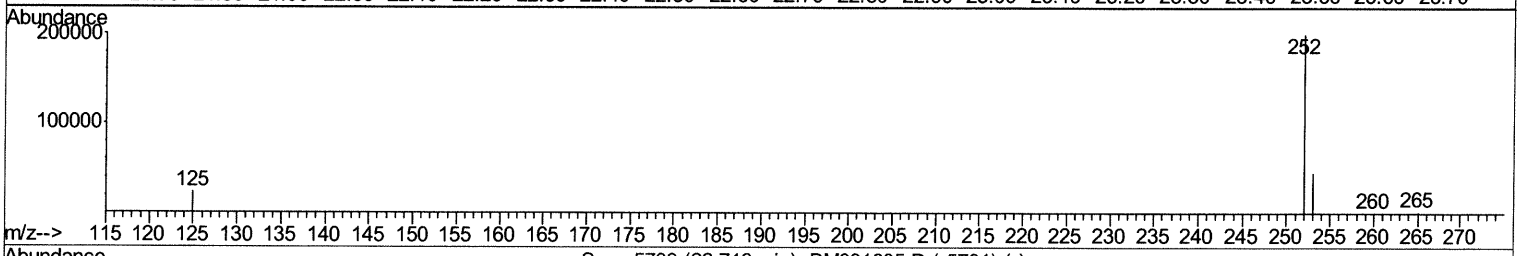
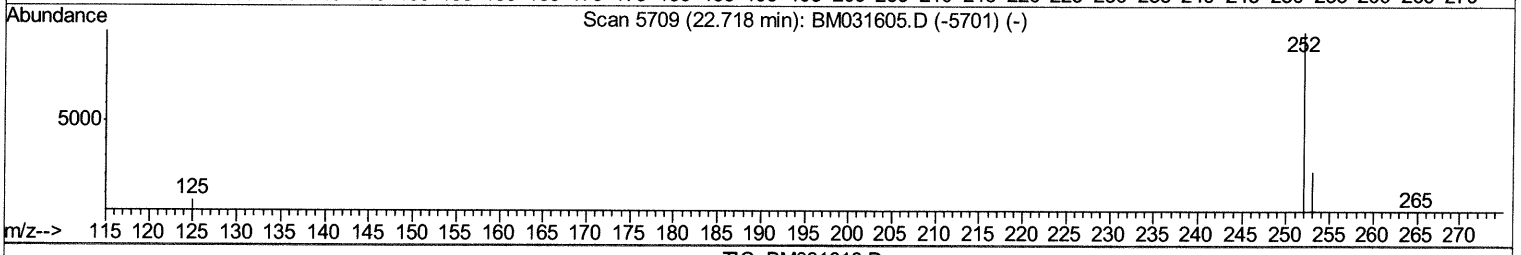
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM







TIC: BM031616.D

(25) Benzo(k)fluoranthene

22.679min (-0.041) 26.47ng/ul

response 570831

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.63
125.00	11.00	11.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031616.D
Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 10 03:21:00 2021
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QLast Update : Tue Aug 10 02:43:39 2021
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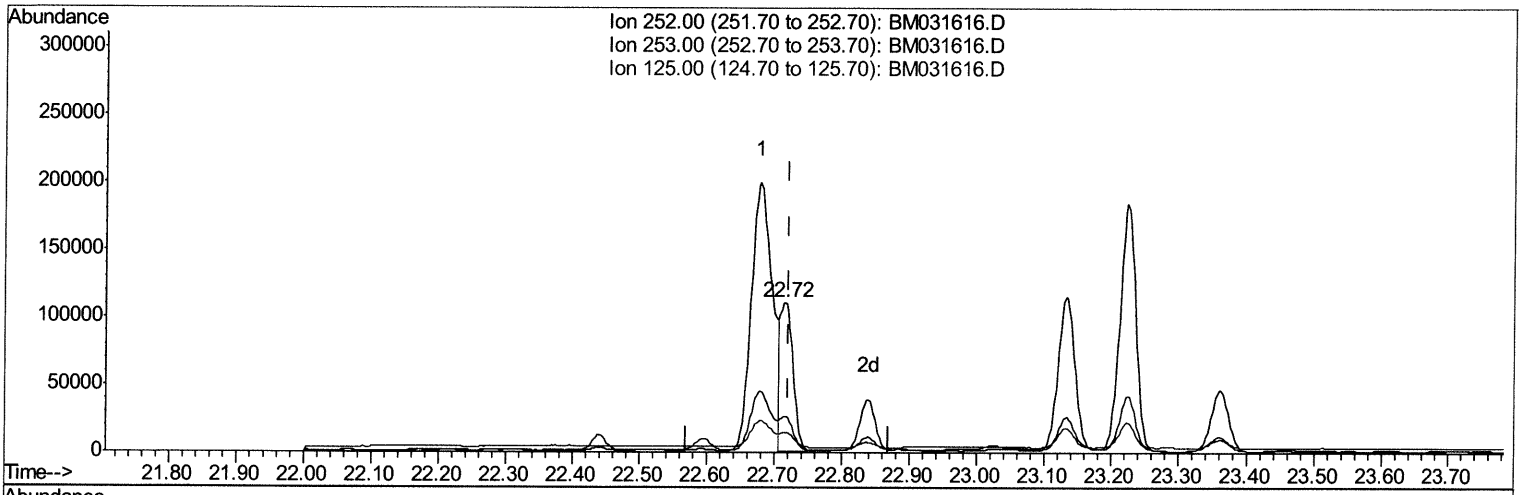
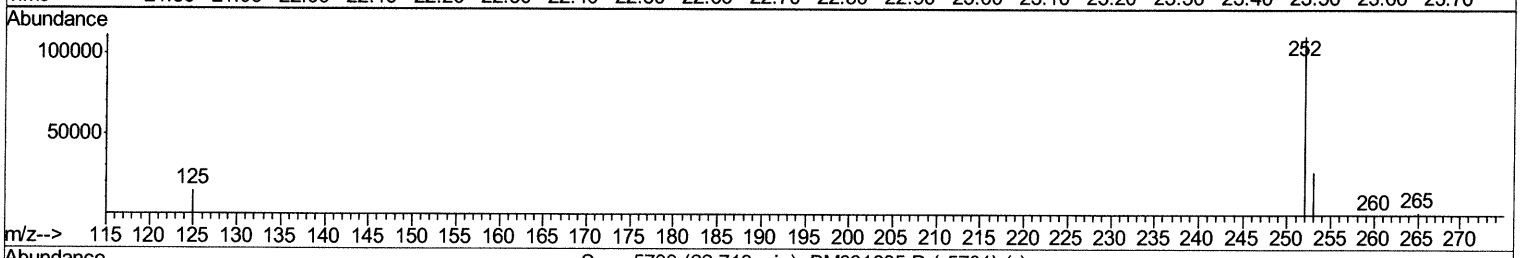
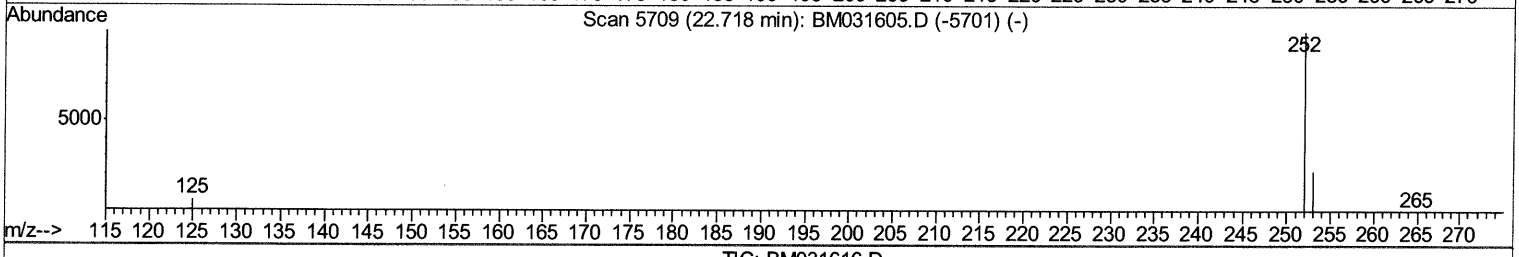
Instrument :
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM







TIC: BM031616.D

(25) Benzo(k)fluoranthene

22.716min (-0.005) 6.70ng/ul m

response 144514

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.10
125.00	11.00	13.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031616.D
Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 10 03:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Tue Aug 10 02:43:39 2021
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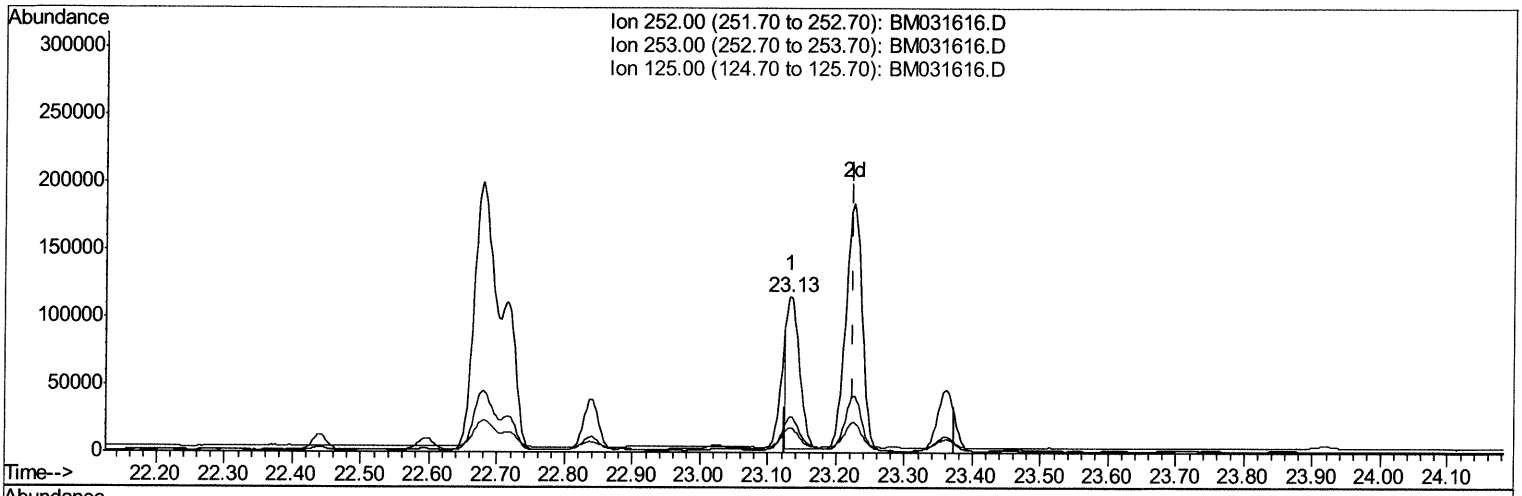
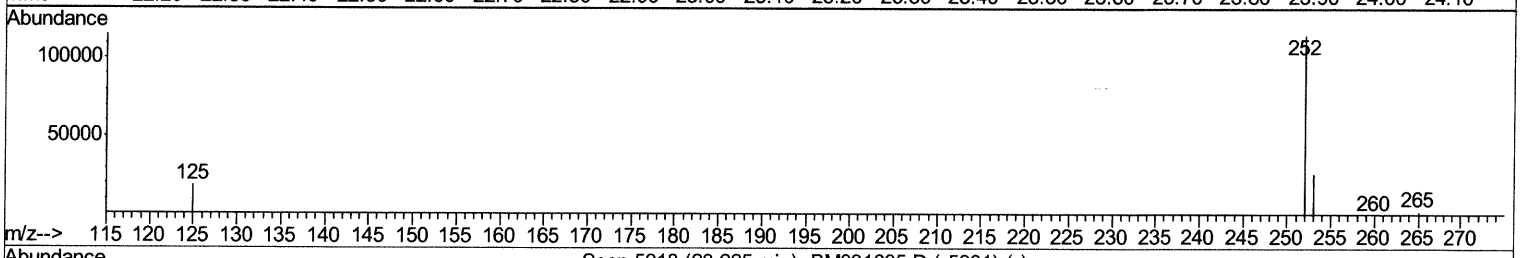
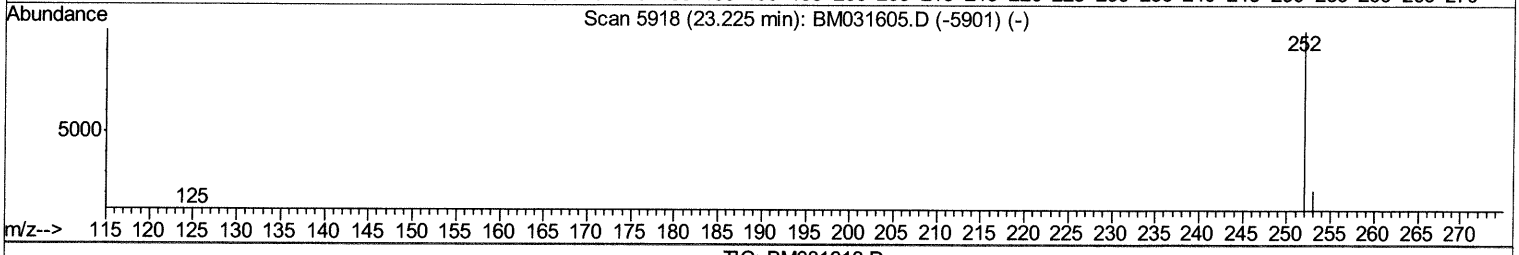
Instrument :
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM







TIC: BM031616.D

(26) Benzo(a)pyrene (C)

23.132min (-0.092) 7.80ng/ul

response 142532

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	22.66
125.00	16.20	16.04
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031616.D
Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 10 03:21:43 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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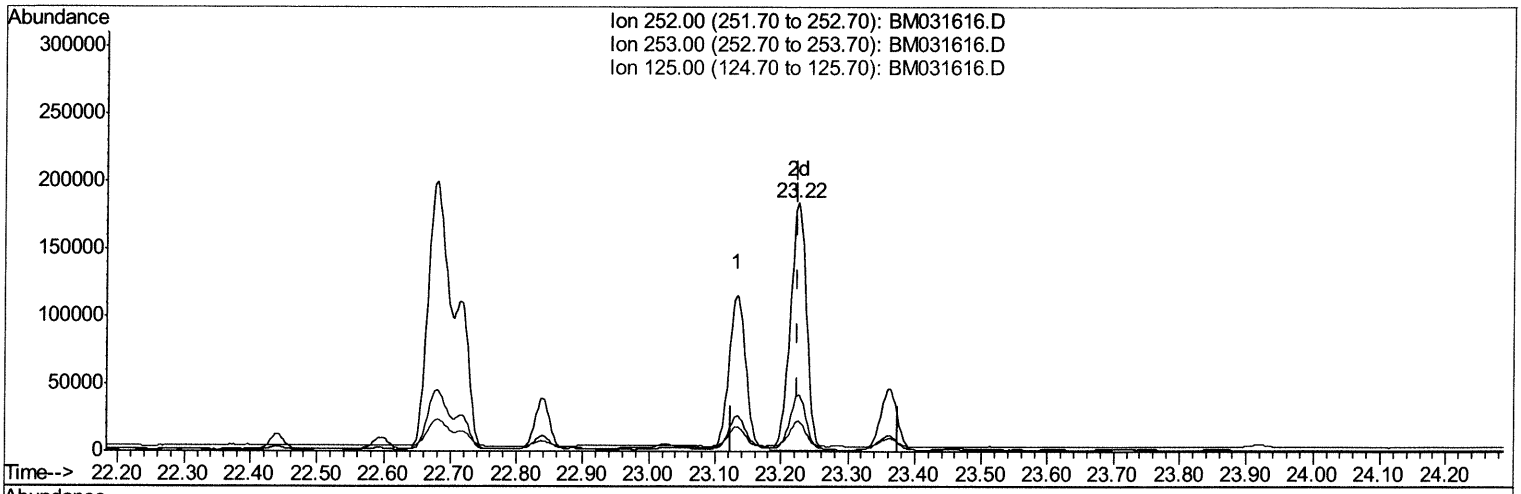
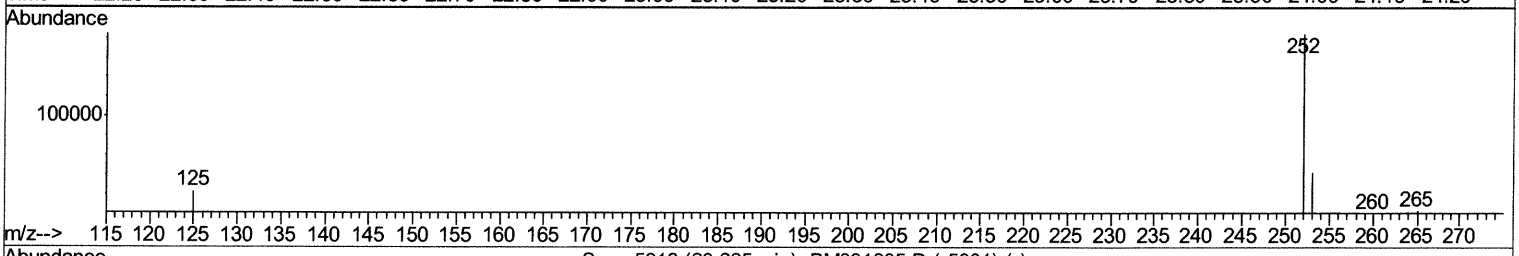
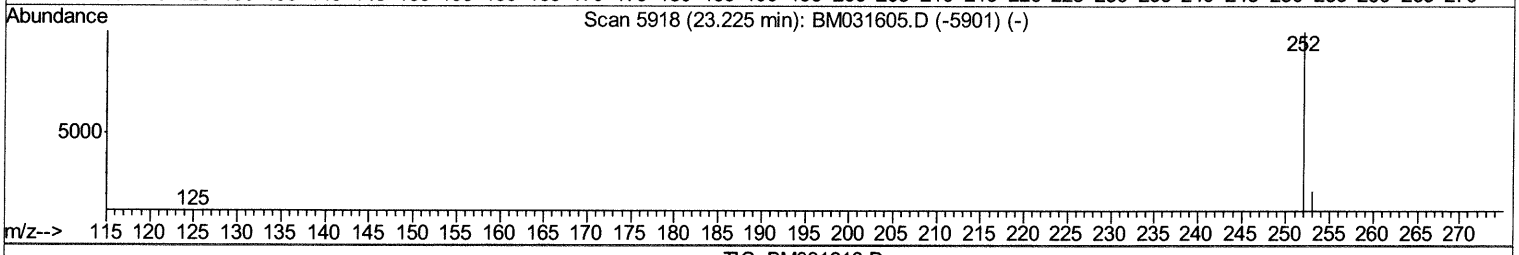
Instrument :
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM







TIC: BM031616.D

(26) Benzo(a)pyrene (C)

23.224min (-0.000) 16.81ng/ul m

JU 8/12/21

response 307276

Ion	Exp%	Act%
252.00	100	100
253.00	28.00	22.88
125.00	16.20	12.27#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 09 Aug 2021 22:58
Operator : CG/JU
Sample : M3169-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A4

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:30 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1390	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	5240	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3347	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5679	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4362	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4633	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	7131	4.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	2822	0.32	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	5568	0.38	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	36151	2.316	ng/ul	97
7) 2-Methylnaphthalene	12.01	142	20963	1.966	ng/ul	100
8) 1-Methylnaphthalene	12.23	142	12864	1.221	ng/ul	100
10) Acenaphthylene	13.94	152	53496	3.753	ng/ul	97
11) Acenaphthene	14.28	153	9200	0.767	ng/ul	99
12) Fluorene	15.27	166	22567	1.634	ng/ul#	98
15) Phenanthrene	17.01	178	433374	24.032	ng/ul	97
16) Anthracene	17.10	178	96900	5.739	ng/ul	98
19) Fluoranthene	19.03	202	793754	42.615	ng/ul	97
20) Pyrene	19.39	202	651801	34.502	ng/ul	97
21) Benzo(a)anthracene	21.14	228	325667	18.489	ng/ul	97
22) Chrysene	21.20	228	317512	17.423	ng/ul	97
24) Benzo(b)fluoranthene	22.68	252	425718m	20.394	ng/ul	
25) Benzo(k)fluoranthene	22.72	252	144514m	6.701	ng/ul	
26) Benzo(a)pyrene	23.22	252	307276m	16.809	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.45	276	206446	8.736	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	50408	2.647	ng/ul#	92
29) Benzo(g,h,i)perylene	26.11	276	171366	8.501	ng/ul	98

resp of 21

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