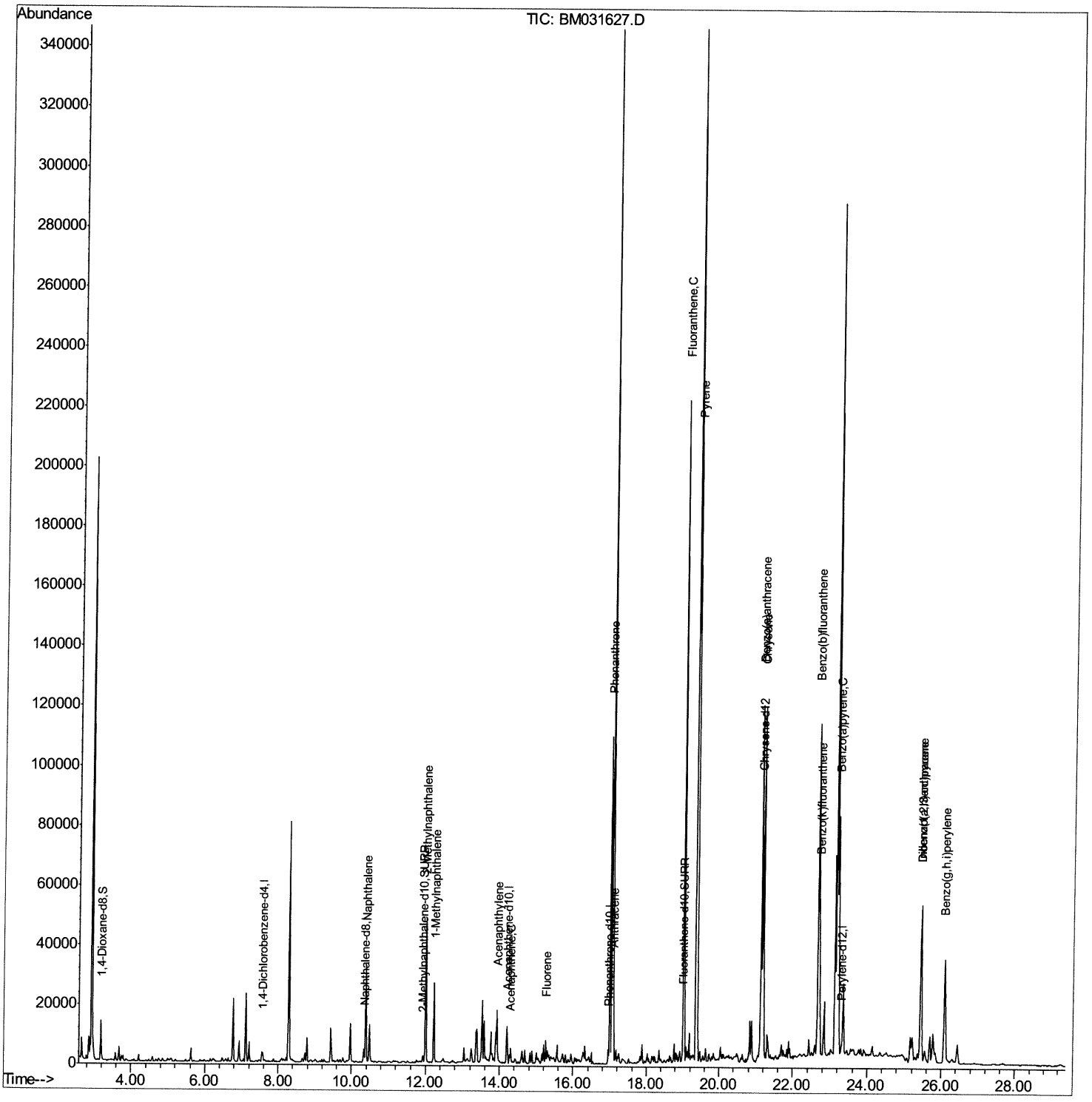
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 09:03:32 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 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM

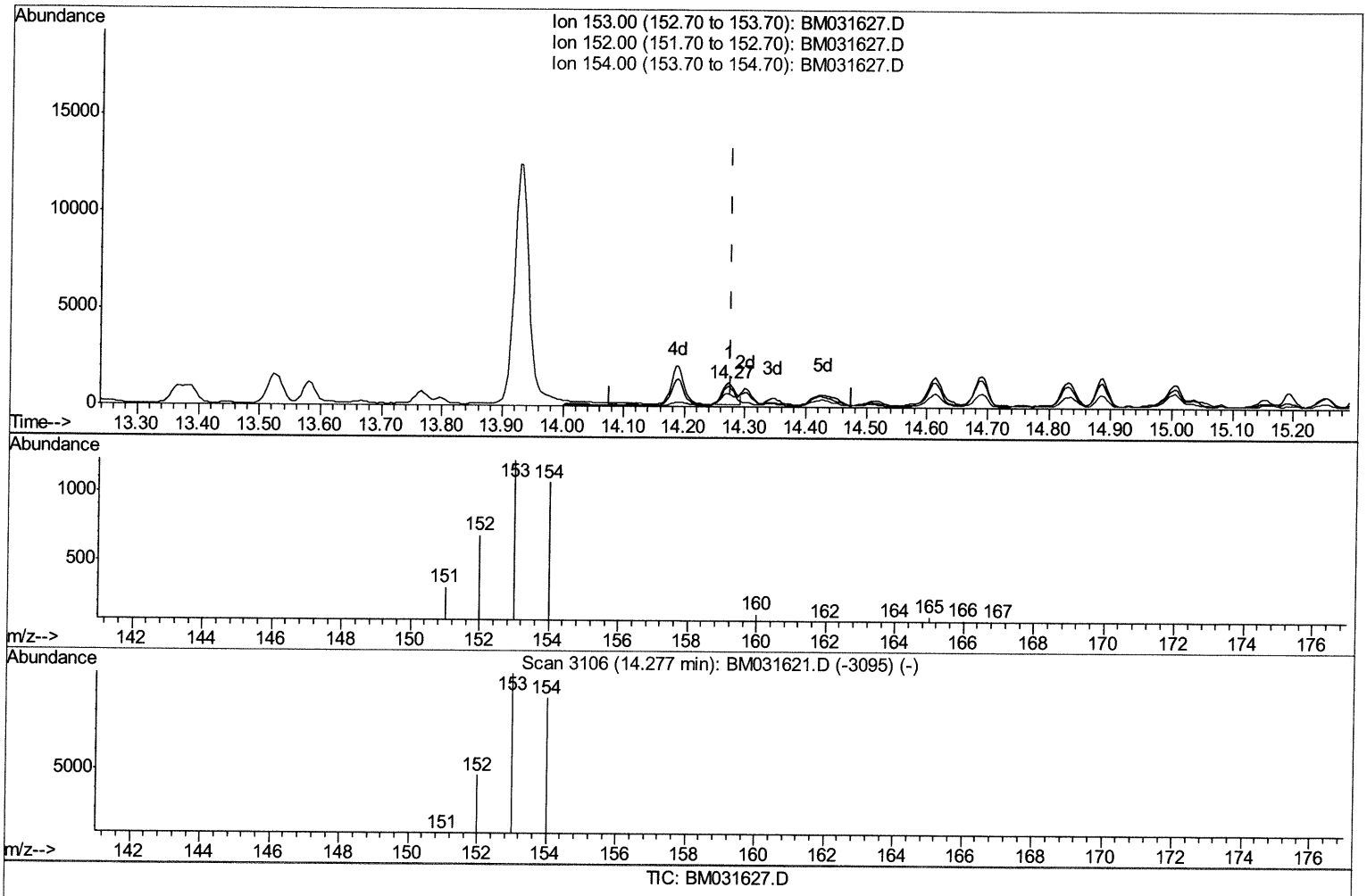


Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 08:55:58 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 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM



(11) Acenaphthene (C)

14.273min (-0.004) 0.14ng/ul

response 1779

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	55.84
154.00	87.70	87.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 08:55:58 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 08:05:02 2021
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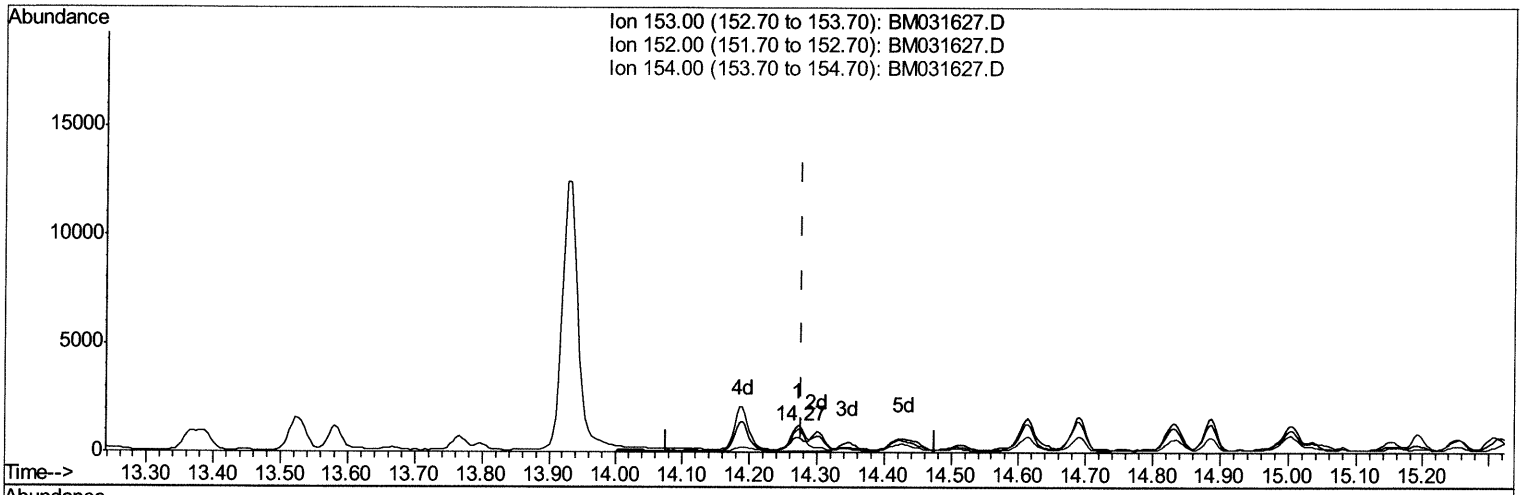
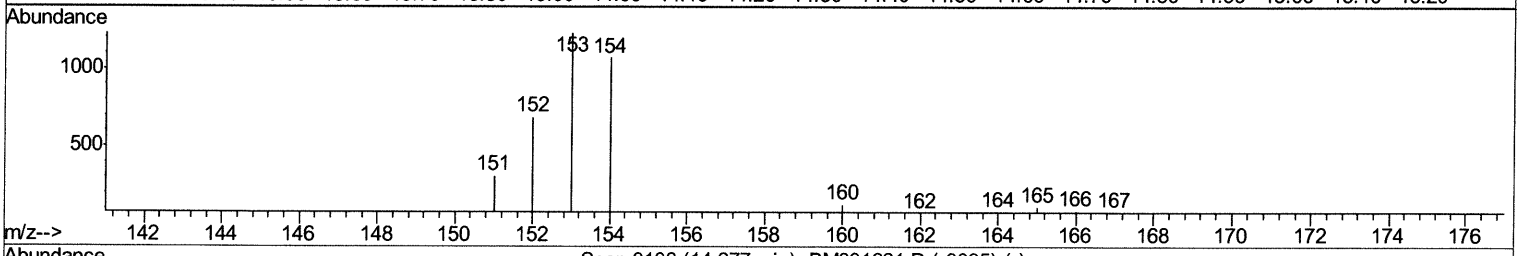
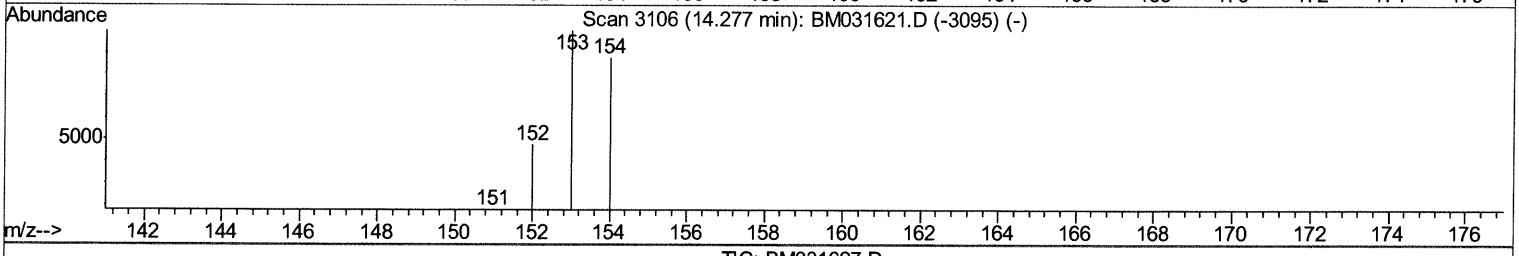
Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM







TIC: BM031627.D

(11) Acenaphthene (C)

14.273min (-0.004) 0.21ng/ul m JU 8/12/21

response 2553

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	55.84
154.00	87.70	87.02
0.00	0.00	0.00

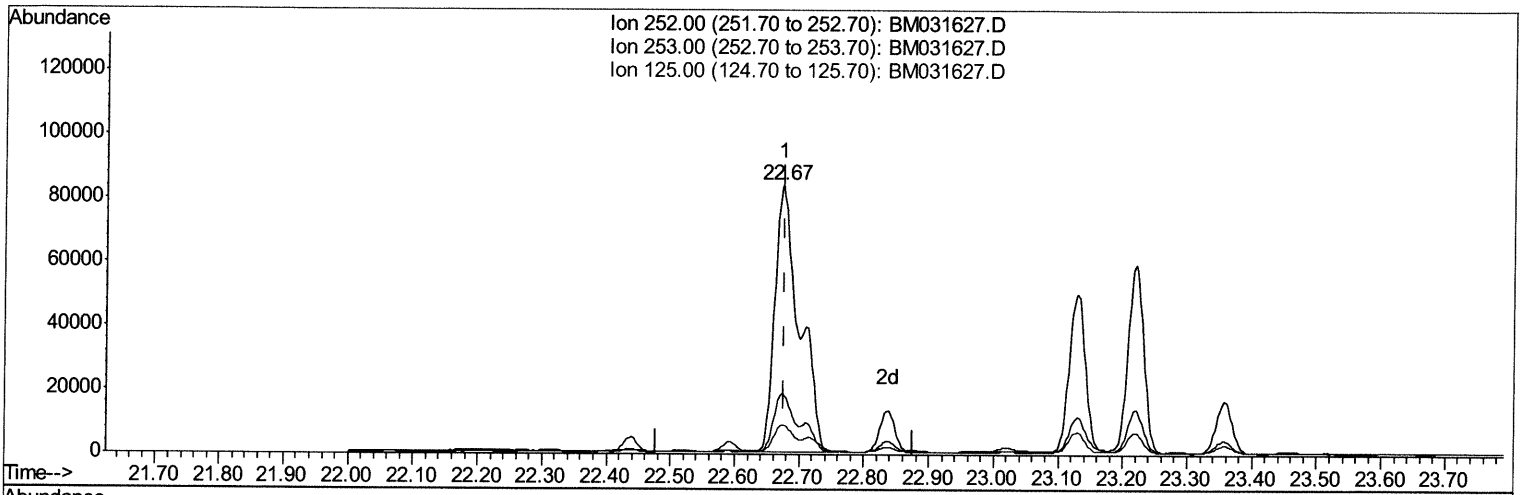
Quantitation Report (Qedit)

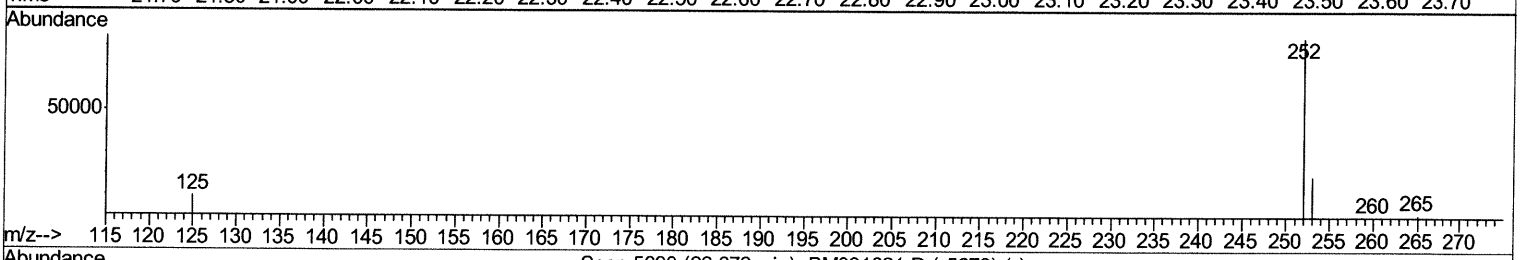
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

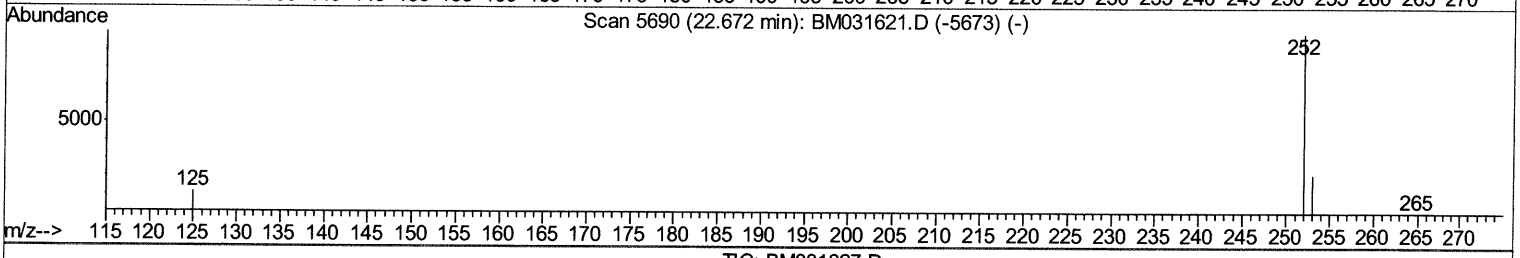
Quant Time: Aug 10 09:01:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM







TIC: BM031627.D

(24) Benzo(b)fluoranthene

22.674min (-0.003) 11.47ng/ul

response 221847

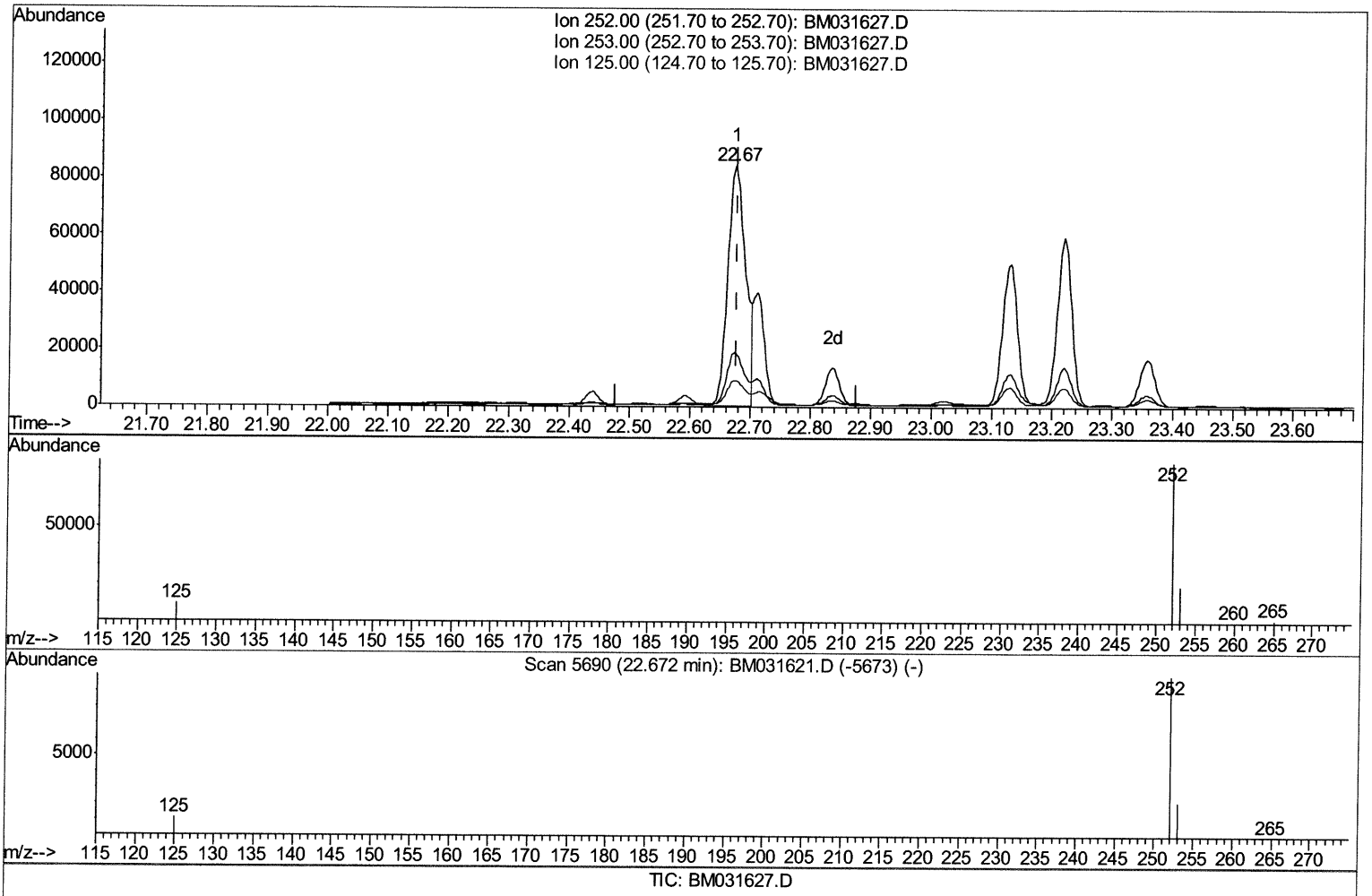
Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.85
125.00	11.40	11.10
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 09:01:56 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 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM



TIC: BM031627.D

(24) Benzo(b)fluoranthene

22.674min (-0.003) 8.77ng/ul m

response 169588

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	22.85
125.00	11.40	11.10
0.00	0.00	0.00

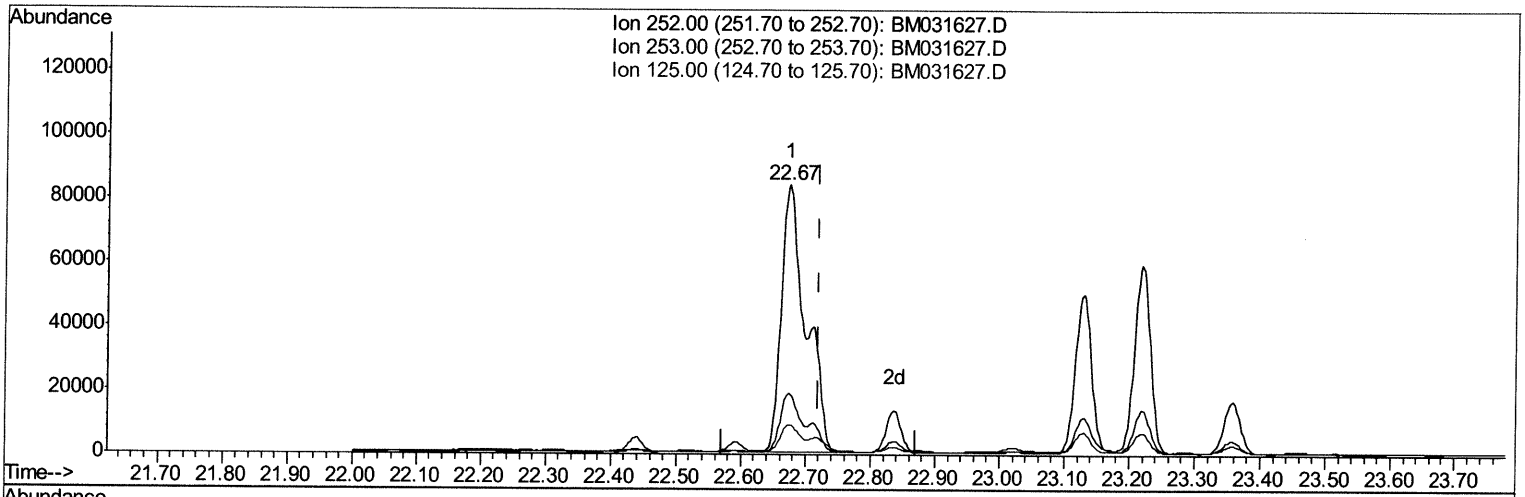
Quantitation Report (Qedit)

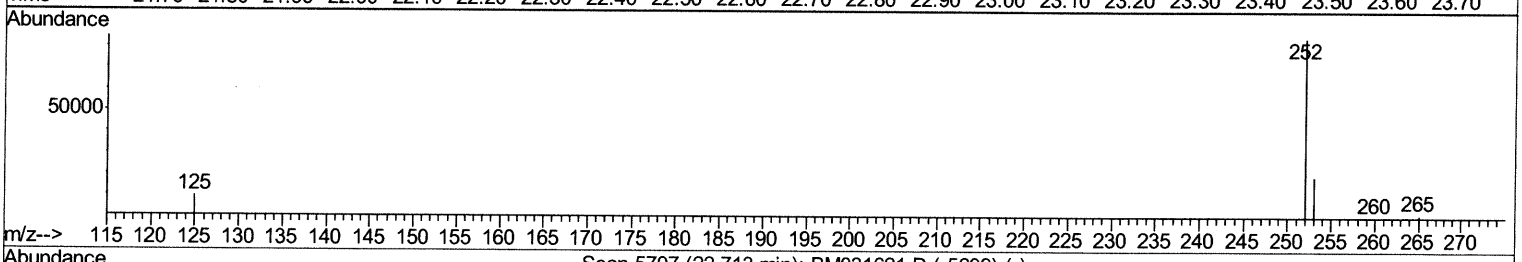
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

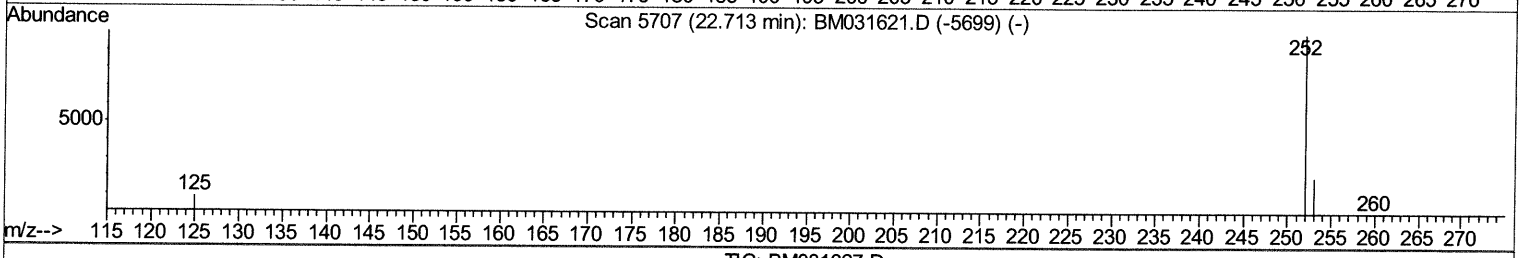
Quant Time: Aug 10 09:02:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM







TIC: BM031627.D

(25) Benzo(k)fluoranthene

22.674min (-0.046) 11.10ng/ul

response 221810

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	22.85
125.00	11.00	11.10
0.00	0.00	0.00

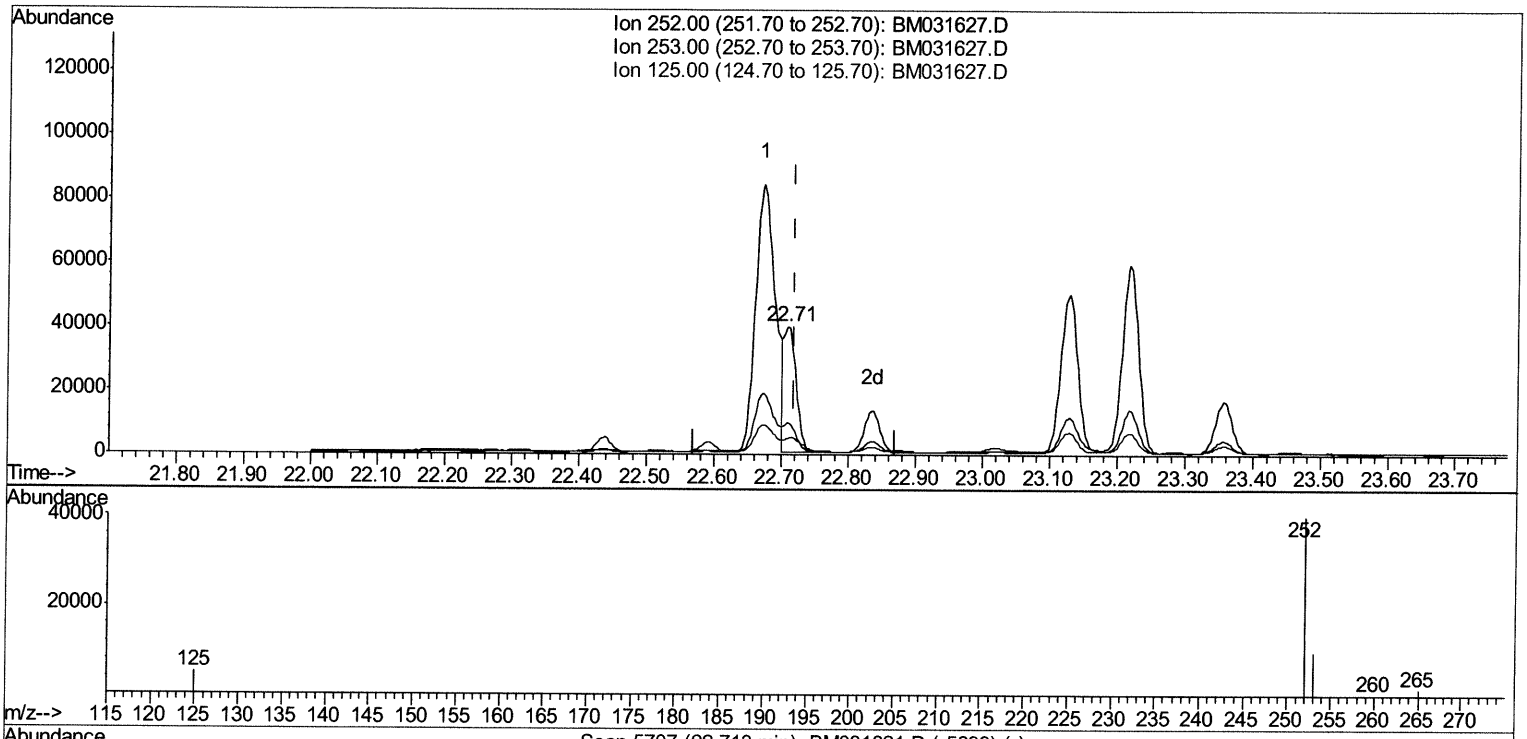
Quantitation Report (Qedit)

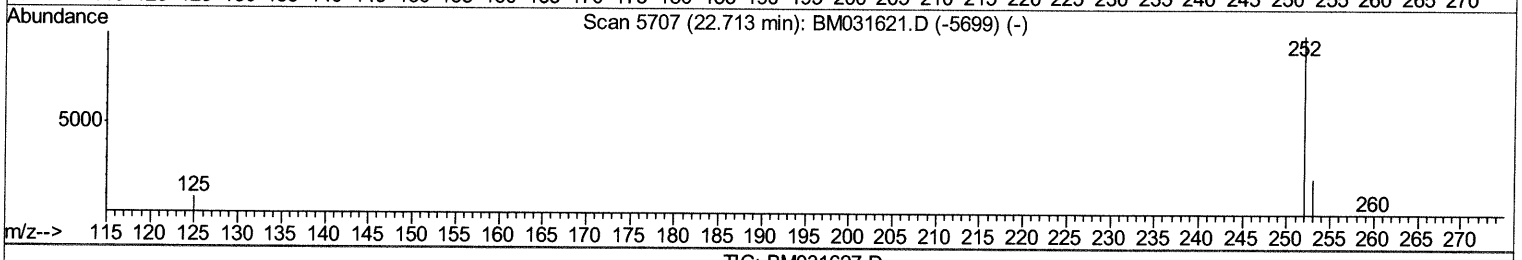
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Aug 10 09:02:38 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 08:05:02 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM





TIC: BM031627.D

(25) Benzo(k)fluoranthene

22.711min (-0.010) 2.61ng/ul m JU 8/11/21

response 52245

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	24.70
125.00	11.00	12.71
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080921\
Data File : BM031627.D
Acq On : 10 Aug 2021 06:18
Operator : CG/JU
Sample : M3169-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00A6

Manual Integrations APPROVED
mohammad
8/10/2021 4:36:54 PM

Quant Time: Aug 10 09:03:32 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 08:05:02 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1450	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	5272	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.21	164	3467	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5545	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4368	0.40	ng/ul	0.00
23) Perylene-d12	23.31	264	4294	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	8004	4.97	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.93	152	2931	0.33	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	5504	0.38	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	43177	2.749	ng/ul	97
7) 2-Methylnaphthalene	12.01	142	33922	3.162	ng/ul	100
8) 1-Methylnaphthalene	12.23	142	17489	1.650	ng/ul	99
10) Acenaphthylene	13.93	152	19941	1.350	ng/ul	99
11) Acenaphthene	14.27	153	2553m	0.205	ng/ul	>JU 8/12/21
12) Fluorene	15.27	166	3755	0.263	ng/ul#	87
15) Phenanthrene	17.00	178	114619	6.510	ng/ul	97
16) Anthracene	17.09	178	23651	1.435	ng/ul	99
19) Fluoranthene	19.02	202	185900	9.967	ng/ul	97
20) Pyrene	19.39	202	168753	8.920	ng/ul	98
21) Benzo(a)anthracene	21.14	228	98194	5.567	ng/ul	94
22) Chrysene	21.19	228	119566	6.552	ng/ul	97
24) Benzo(b)fluoranthene	22.67	252	169588m	8.766	ng/ul	JU 8/12/21
25) Benzo(k)fluoranthene	22.71	252	52245m	2.614	ng/ul	
26) Benzo(a)pyrene	23.22	252	100031	5.904	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.44	276	78993	3.607	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	19601	1.110	ng/ul#	93
29) Benzo(g,h,i)perylene	26.10	276	67409	3.608	ng/ul	98

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