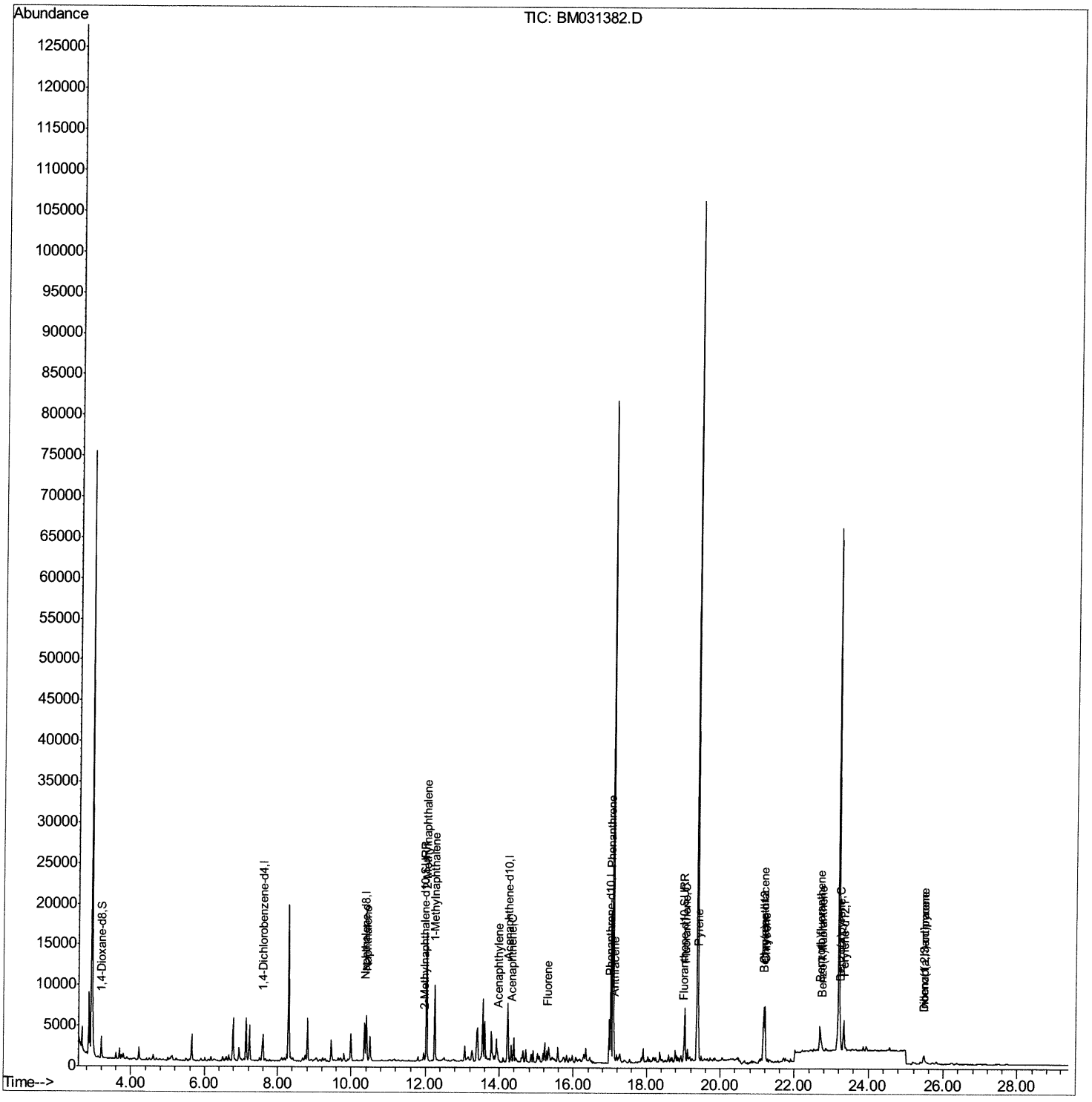
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 03 02:17:05 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 :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM



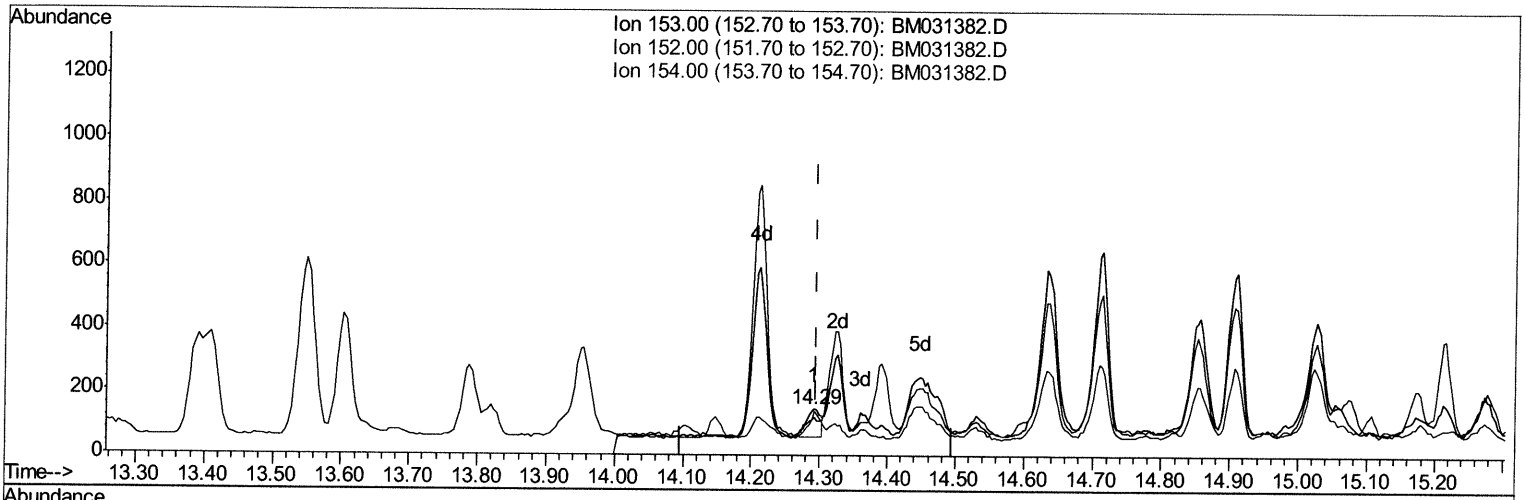
Quantitation Report (Qedit)

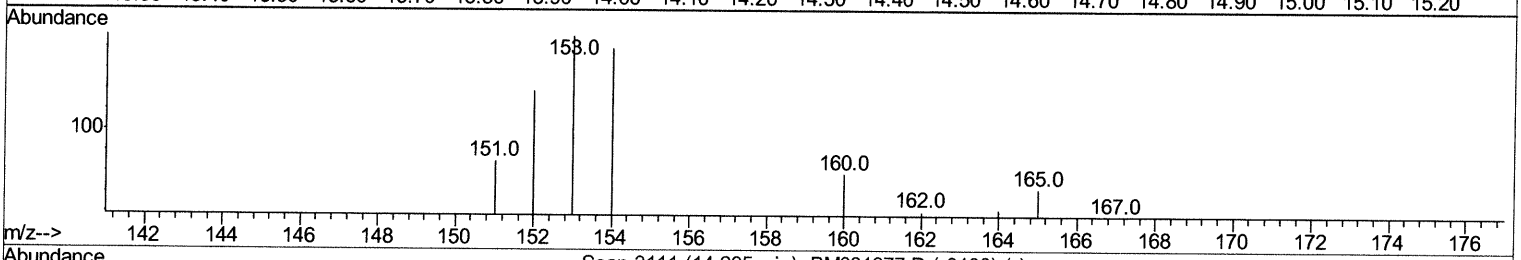
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

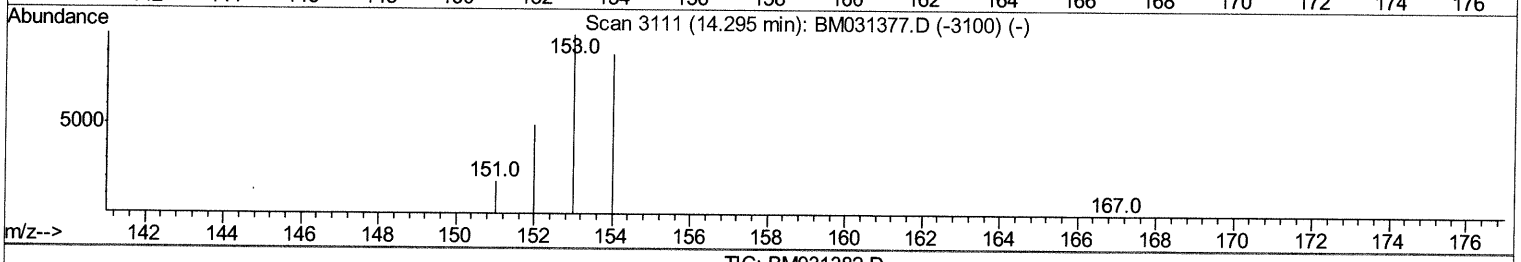
Quant Time: Aug 03 02:05:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(11) Acenaphthene (C)

14.292min (-0.004) 0.01ng/ul

response 129

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	81.51#
154.00	87.70	95.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
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Quant Time: Aug 03 02:05:56 2021
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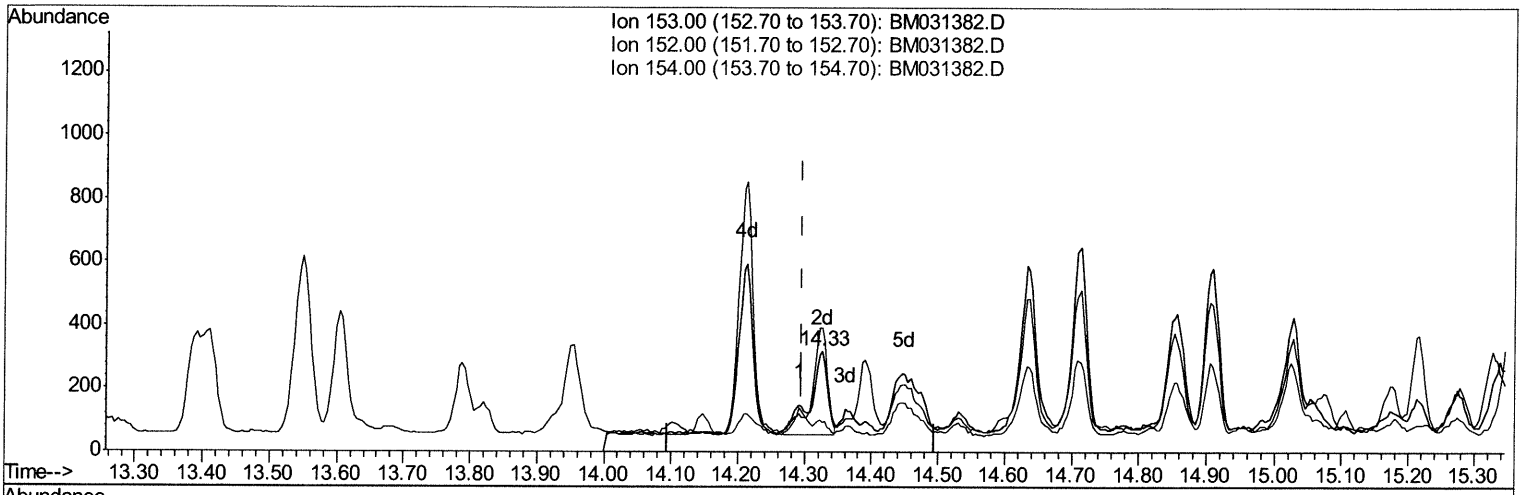
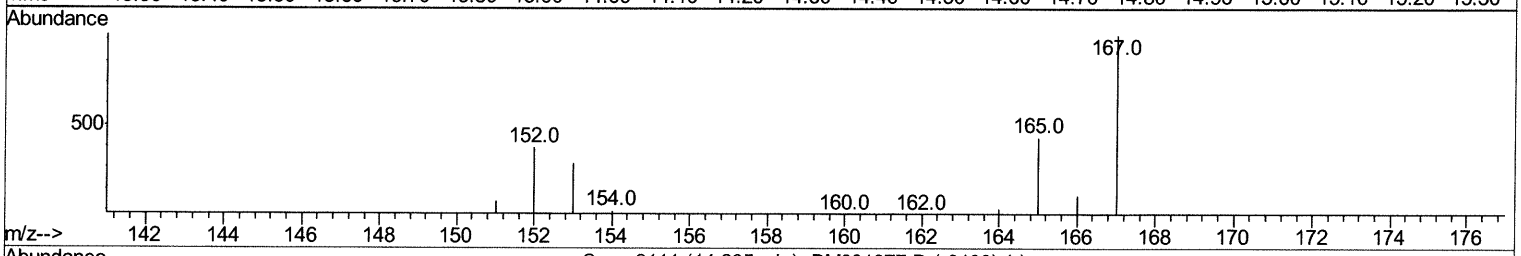
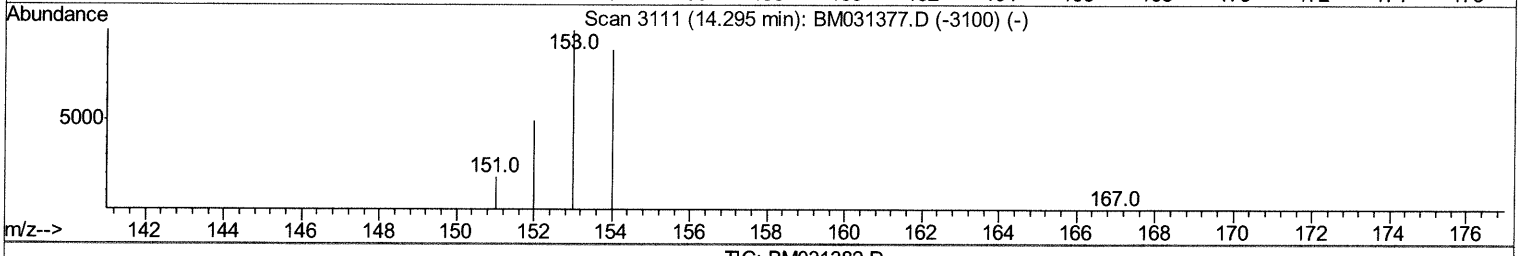
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(11) Acenaphthene (C)

14.326min (+0.030) 0.04ng/ul m 08/04/21 JU

response 508

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	123.58#
154.00	87.70	29.56#
0.00	0.00	0.00

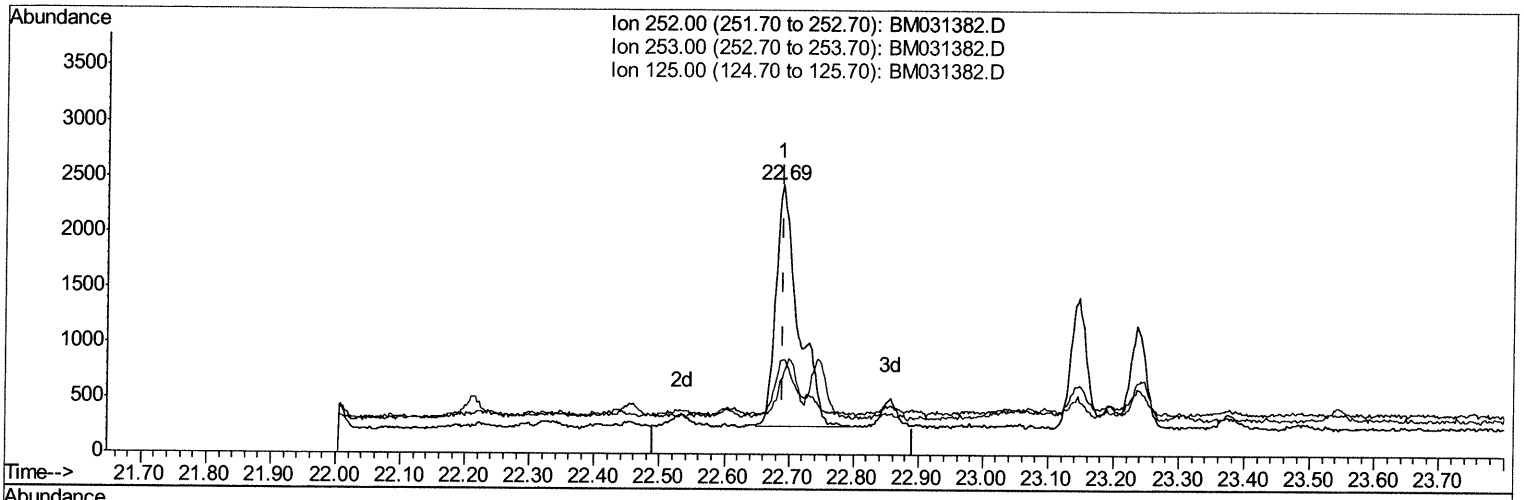
Quantitation Report (Qedit)

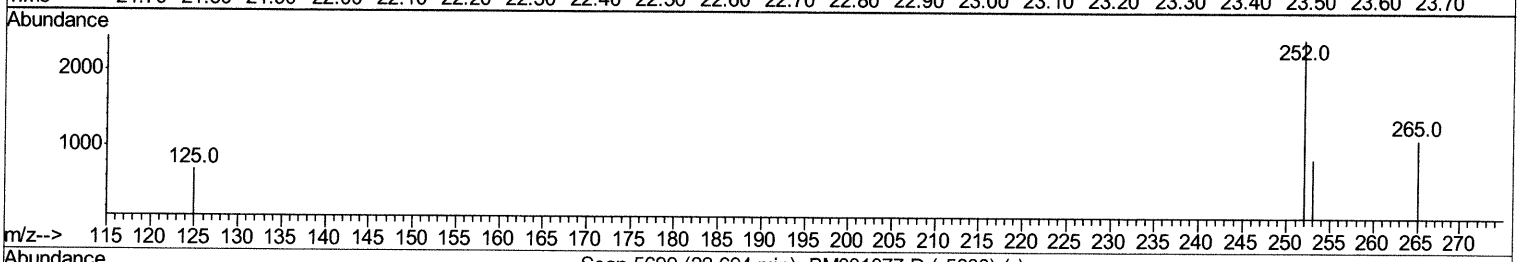
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

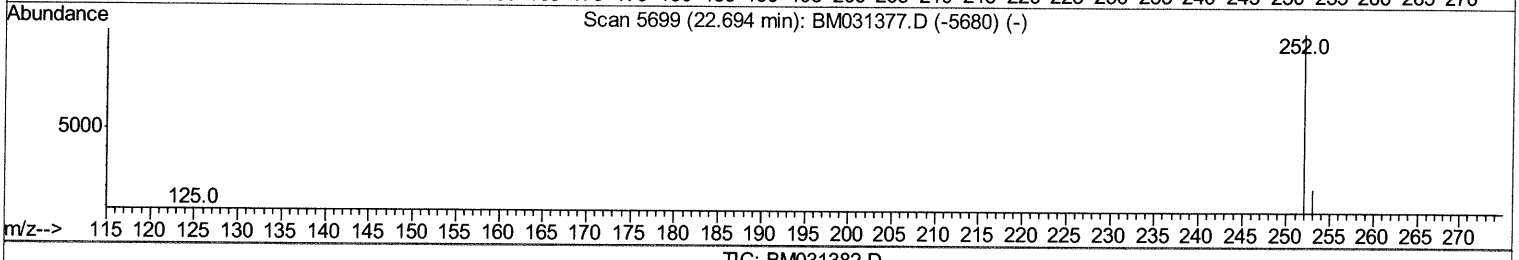
Quant Time: Aug 03 02:14:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.25ng/ul

response 5315

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.96
125.00	11.40	28.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 03 02:14:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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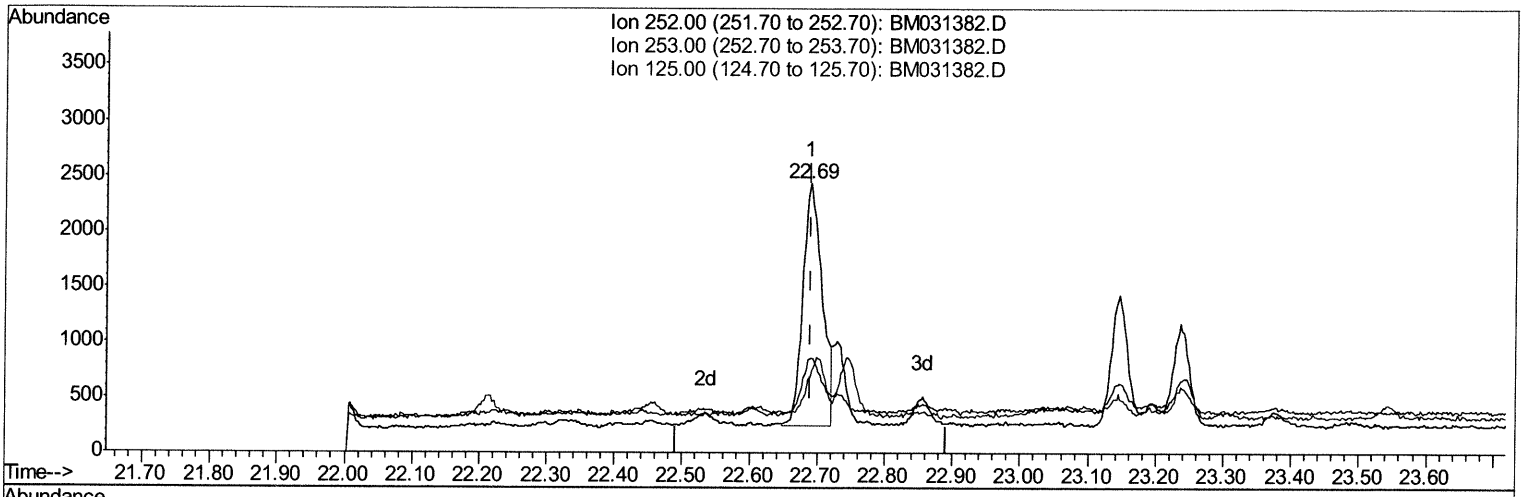
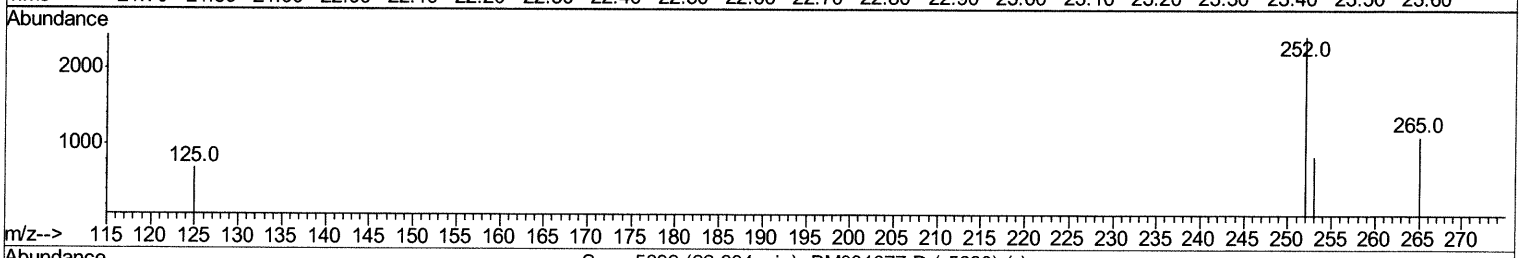
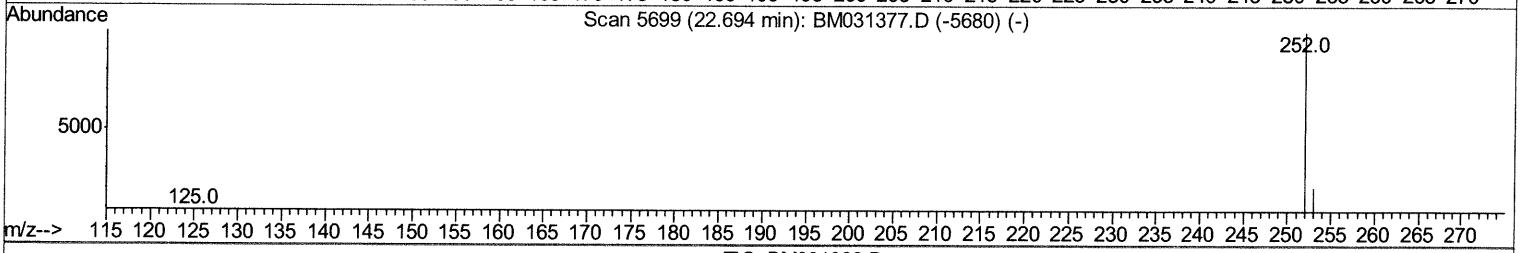
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(24) Benzo(b)fluoranthene

22.689min (-0.002) 0.21ng/ul m 08/04/21 JU

response 4366

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	34.96
125.00	11.40	28.32#
0.00	0.00	0.00

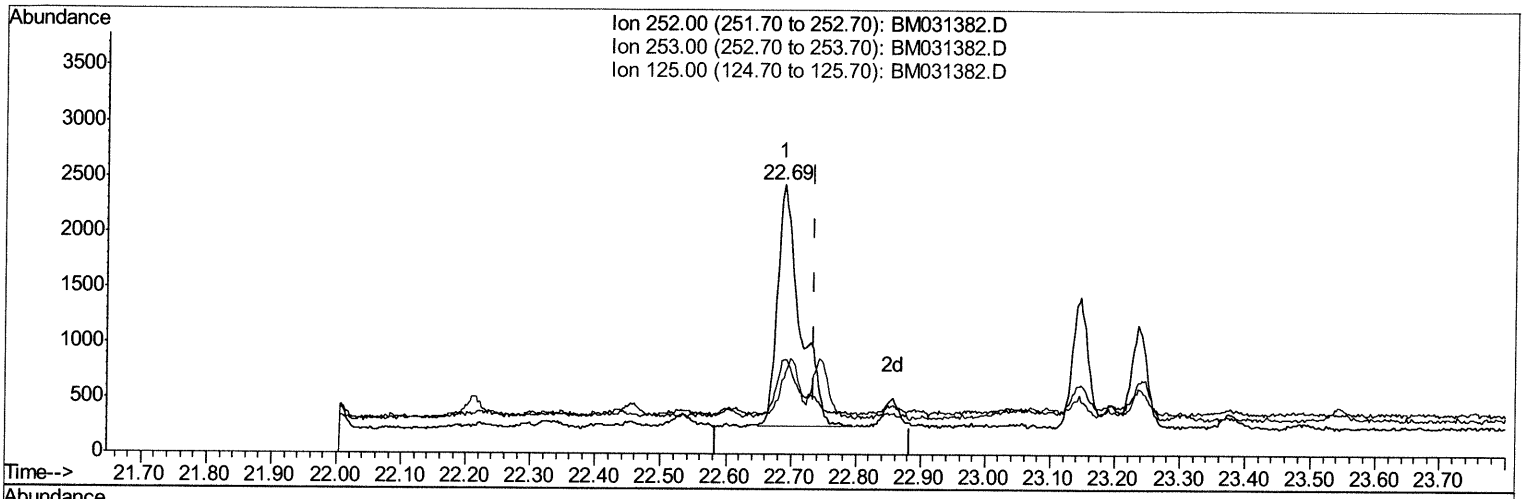
Quantitation Report (Qedit)

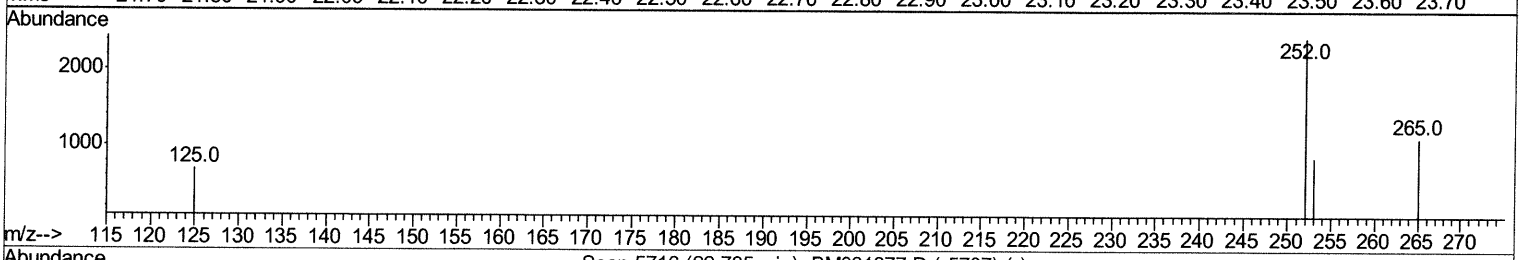
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

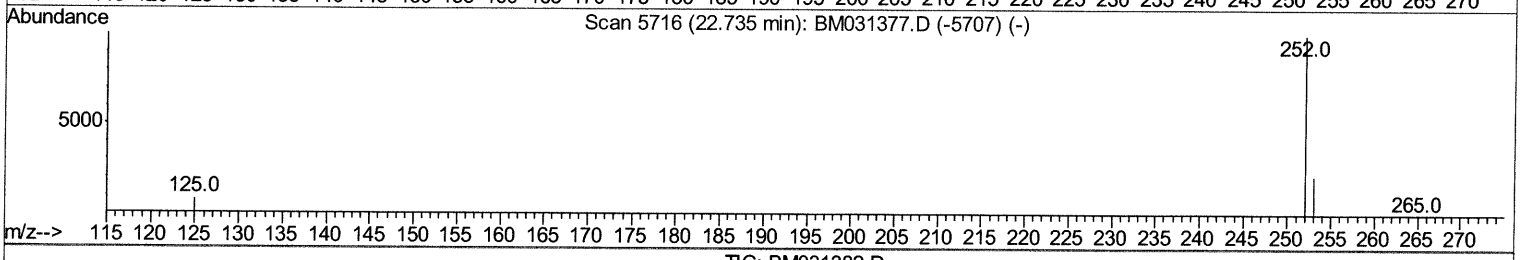
Quant Time: Aug 03 02:16:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(25) Benzo(k)fluoranthene

22.689min (-0.046) 0.25ng/ul

response 5315

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	34.96#
125.00	11.00	28.32#
0.00	0.00	0.00

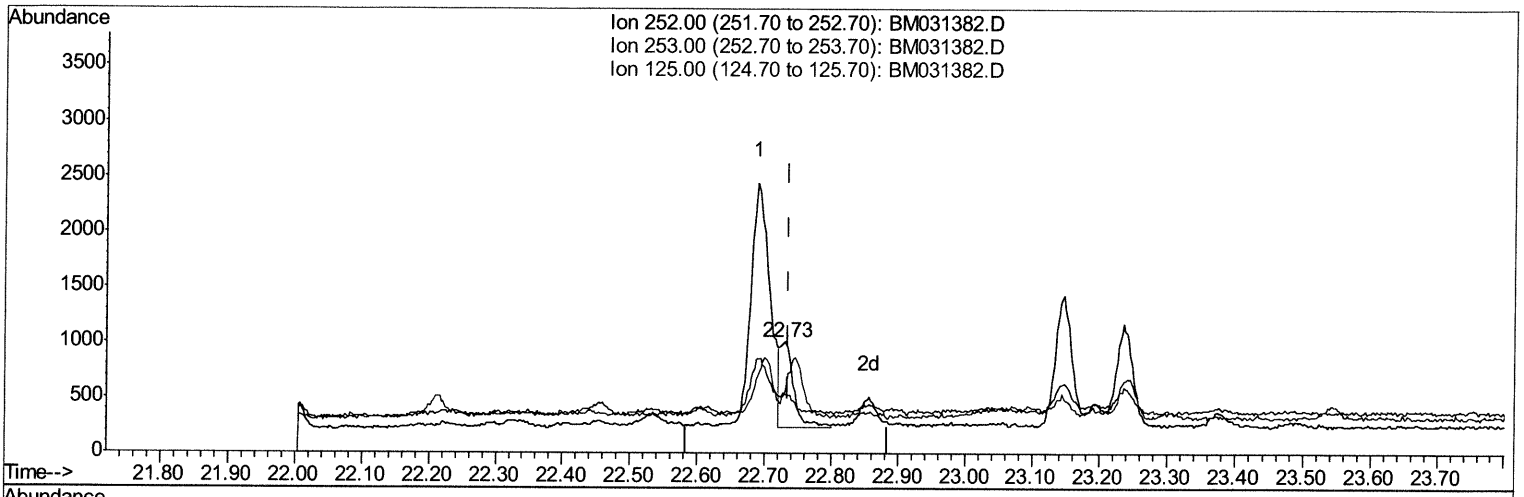
Quantitation Report (Qedit)

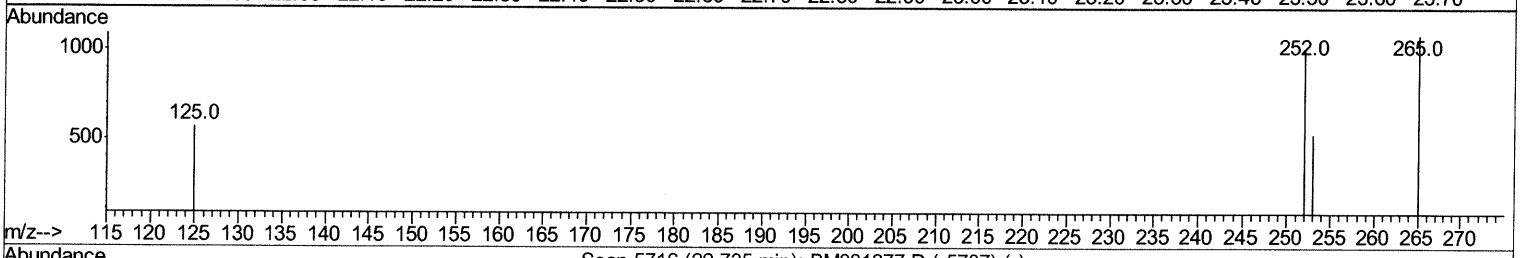
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

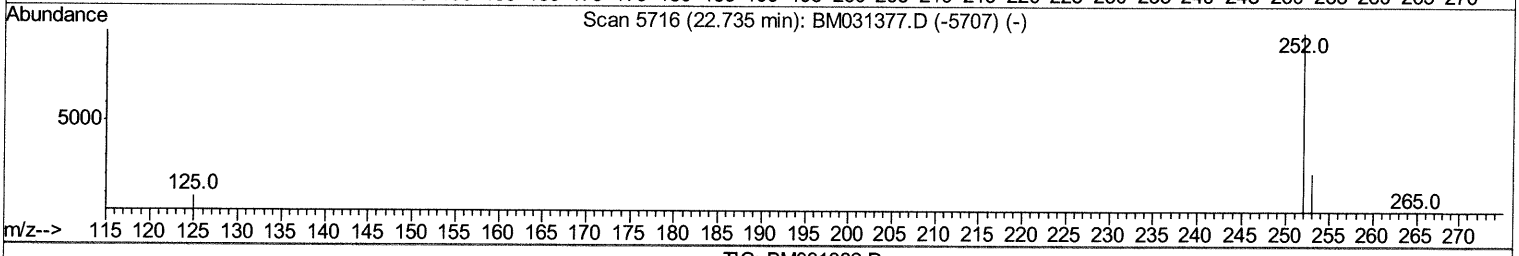
Quant Time: Aug 03 02:16:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM







TIC: BM031382.D

(25) Benzo(k)fluoranthene

22.730min (-0.005) 0.05ng/ul m 08/04/21 JU

response 1091

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	52.68#
125.00	11.00	56.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080221\
Data File : BM031382.D
Acq On : 02 Aug 2021 19:10
Operator : CG/JU
Sample : M3123-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0065

Manual Integrations APPROVED
mohammad
8/3/2021 11:50:38 AM

Quant Time: Aug 03 02:17:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1587	0.40	ng/ul	0.00
4) Naphthalene-d8	10.36	136	5918	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.23	164	3562	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.98	188	6467	0.40	ng/ul	0.00
17) Chrysene-d12	21.17	240	4881	0.40	ng/ul	0.00
23) Perylene-d12	23.33	264	4648	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1710	0.97	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.96	152	1271	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.01	212	2331	0.14	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.41	128	7496	0.425	ng/ul	100
7) 2-Methylnaphthalene	12.03	142	10732	0.891	ng/ul	99
8) 1-Methylnaphthalene	12.25	142	6325	0.532	ng/ul	99
10) Acenaphthylene	13.95	152	517	0.034	ng/ul#	66
11) Acenaphthene	14.33	153	508m >	0.040	ng/ul >	08/04/21 JU
12) Fluorene	15.29	166	511	0.035	ng/ul#	57
15) Phenanthrene	17.02	178	18781	0.915	ng/ul	98
16) Anthracene	17.11	178	640	0.033	ng/ul#	73
19) Fluoranthene	19.04	202	5966	0.286	ng/ul#	94
20) Pyrene	19.40	202	5203	0.246	ng/ul#	92
21) Benzo(a)anthracene	21.15	228	2223	0.113	ng/ul#	78
22) Chrysene	21.20	228	7582	0.372	ng/ul#	95
24) Benzo(b)fluoranthene	22.69	252	4366m >	0.208	ng/ul >	08/04/21 JU
25) Benzo(k)fluoranthene	22.73	252	1091m >	0.050	ng/ul >	
26) Benzo(a)pyrene	23.24	252	1559	0.085	ng/ul#	37
27) Indeno(1,2,3-cd)pyrene	25.47	276	1400	0.059	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.48	278	562	0.029	ng/ul#	1

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