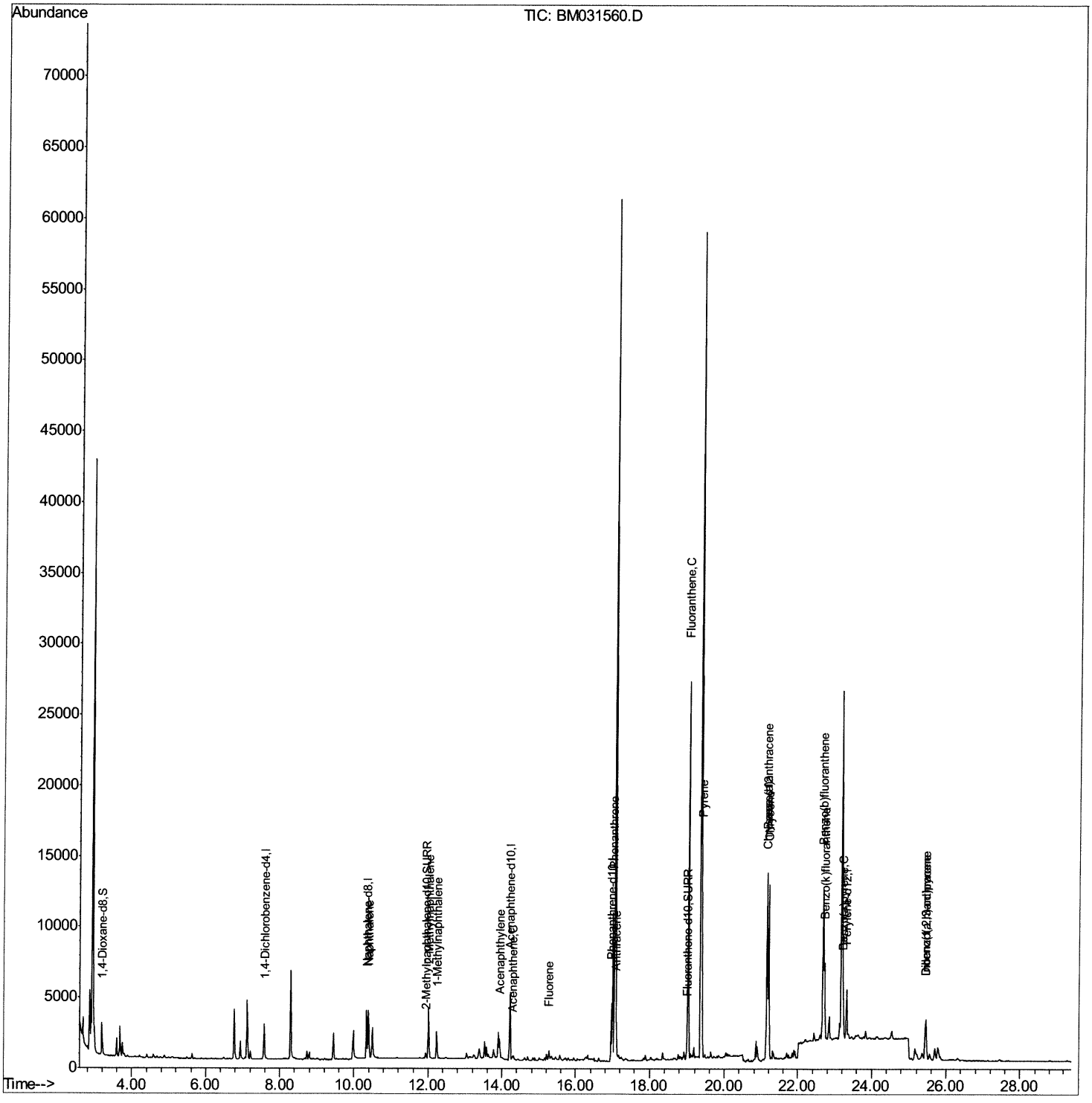
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Aug 09 07:39:25 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 : Sun Aug 08 08:38:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:14:01 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Aug 08 08:41:16 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 : Sun Aug 08 08:38:58 2021
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ClientSampleId :
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Manual Integrations APPROVED
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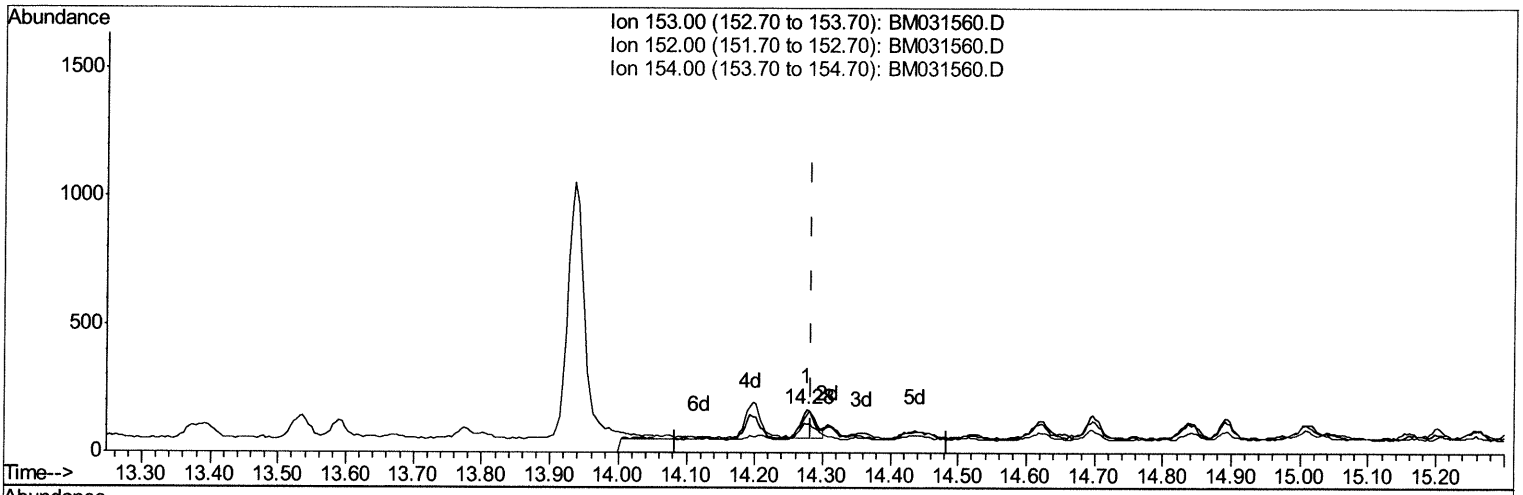

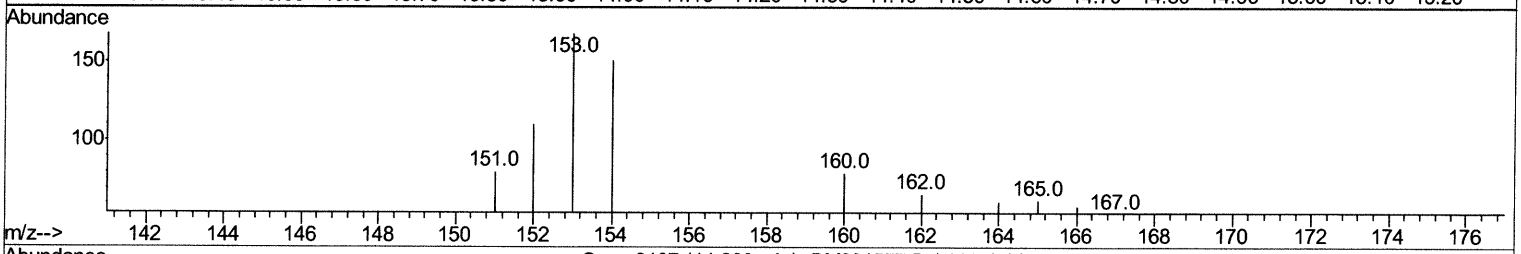

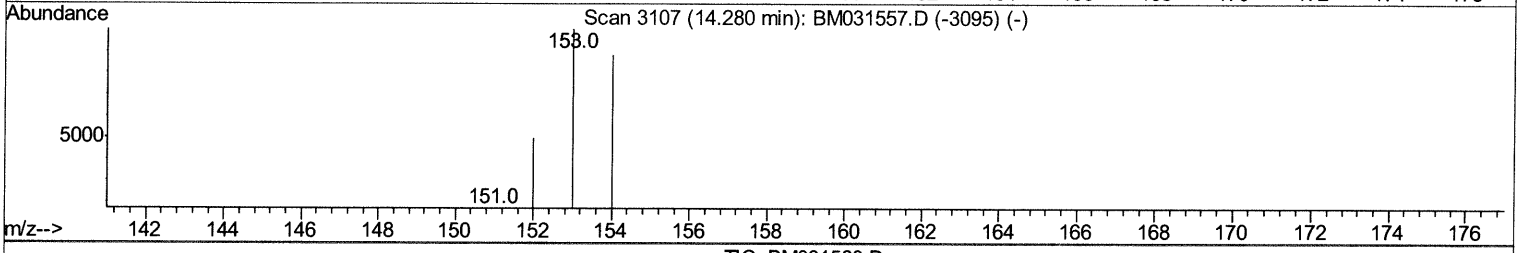

TIC: BM031560.D

(11) Acenaphthene (C)

14.277min (-0.007) 0.02ng/ul

response 174

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	65.48#
154.00	87.70	89.88
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
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Manual Integrations APPROVED
mohammad
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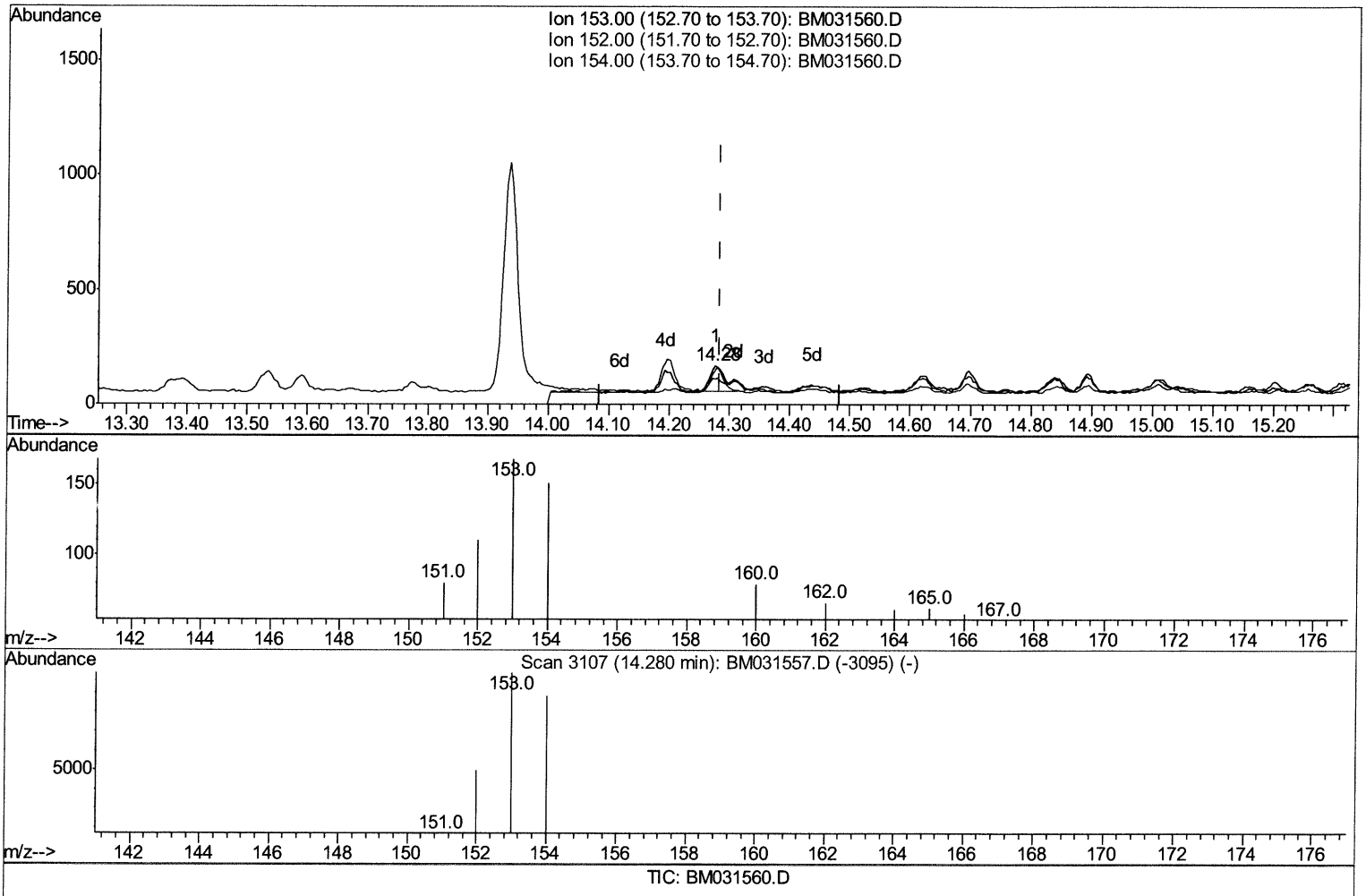


TIC: BM031560.D

(11) Acenaphthene (C)

14.277min (-0.007) 0.02ng/ul m

response 227

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	65.48#
154.00	87.70	89.88
0.00	0.00	0.00

JG 8/11/21

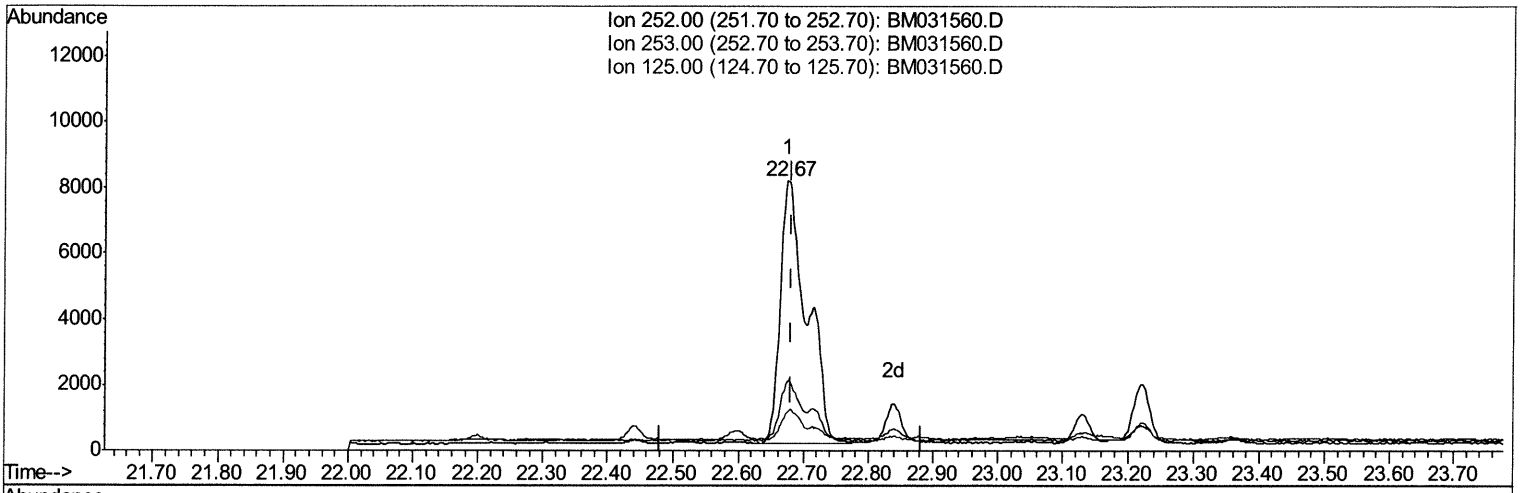
Quantitation Report (Qedit)

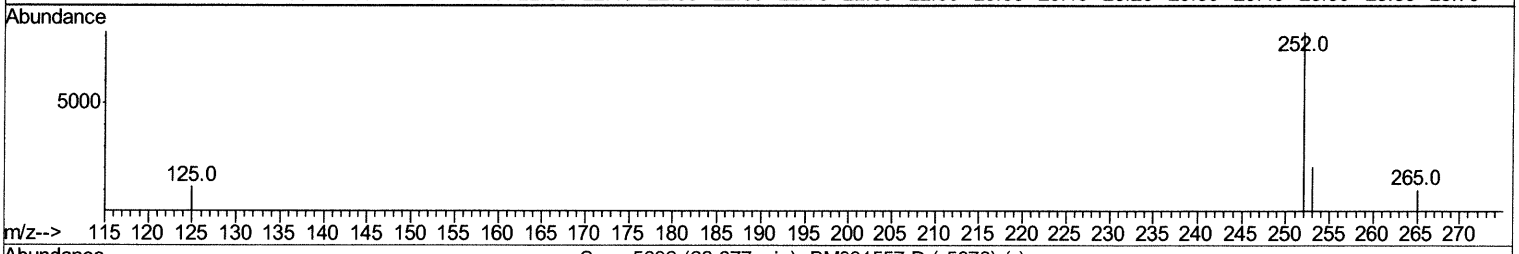
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

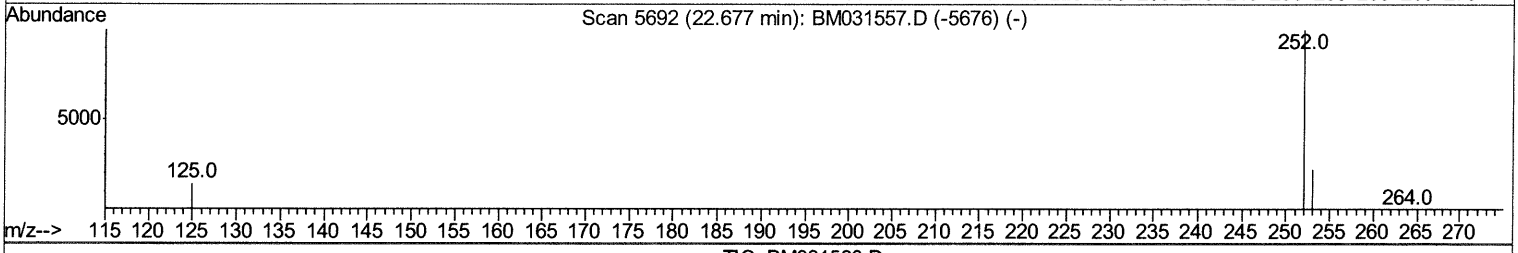
Quant Time: Aug 08 08:45:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 08 08:38:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:14:01 PM







TIC: BM031560.D

(24) Benzo(b)fluoranthene

22.674min (-0.007) 1.20ng/ul

response 22675

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.55
125.00	11.40	14.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Aug 08 08:45:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Sun Aug 08 08:38:58 2021
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BNA_M
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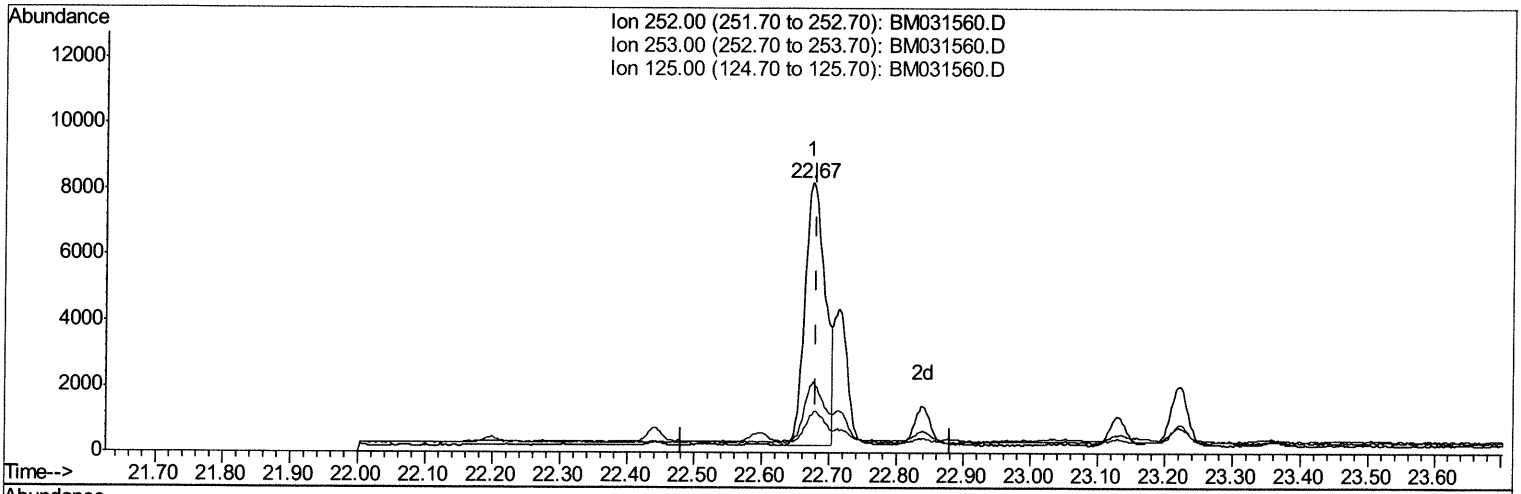
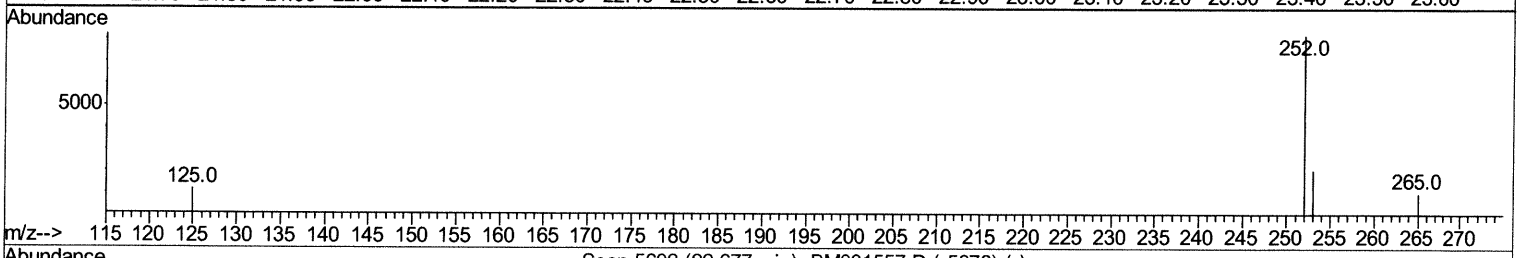
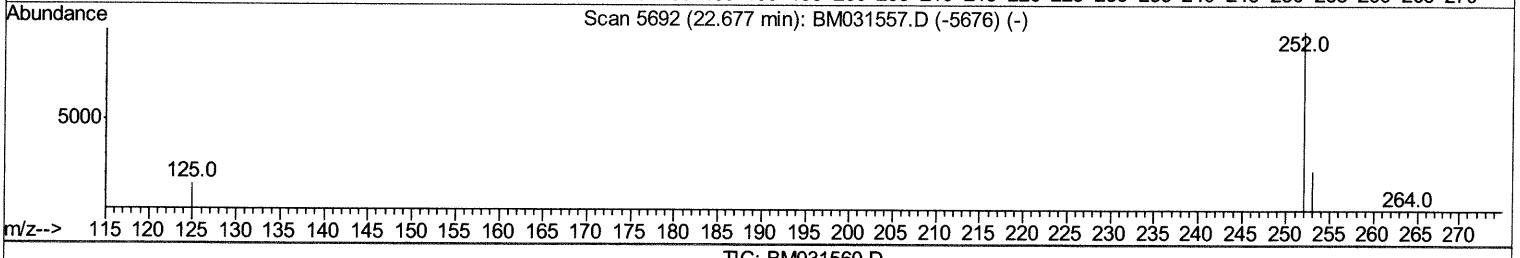
Manual Integrations APPROVED
mohammad
8/9/2021 12:14:01 PM







TIC: BM031560.D

(24) Benzo(b)fluoranthene

22.674min (-0.007) 0.88ng/ul m

response 16718

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	25.55
125.00	11.40	14.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Aug 08 08:46:47 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 : Sun Aug 08 08:38:58 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0090DL

Manual Integrations APPROVED
mohammad
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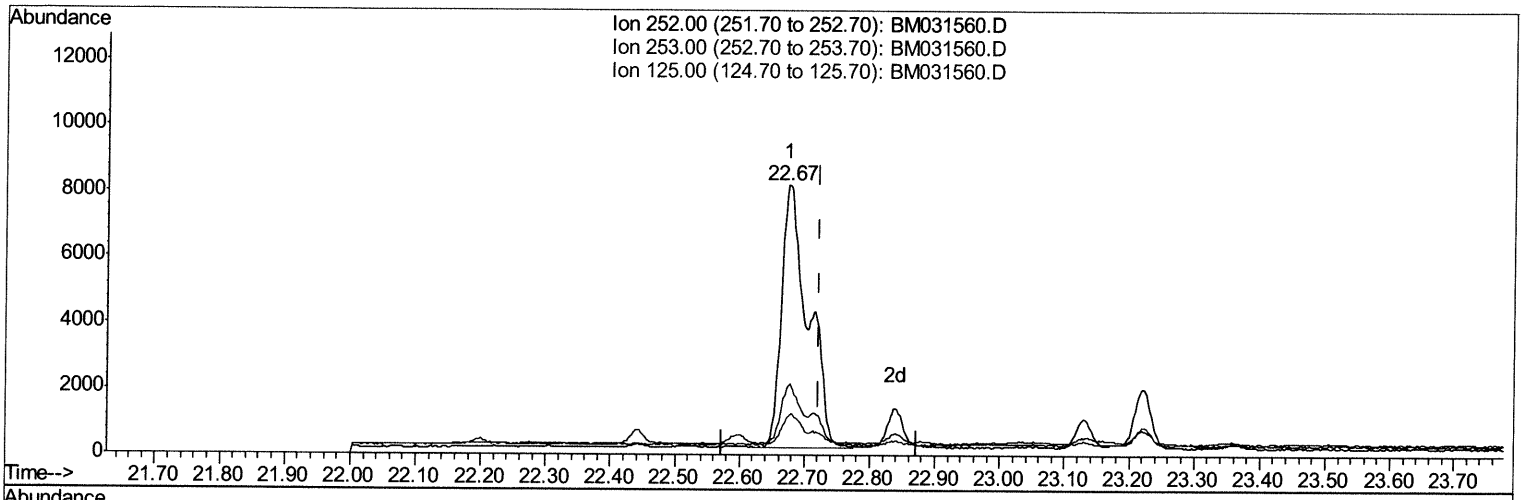

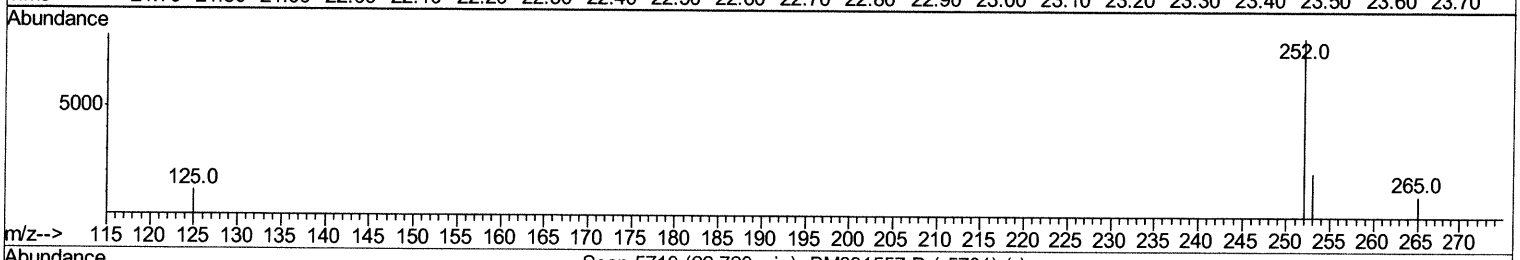

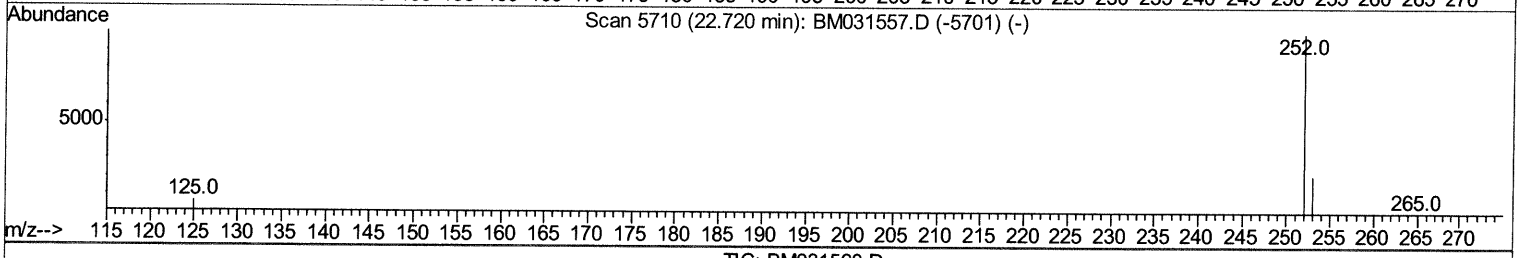

TIC: BM031560.D

(25) Benzo(k)fluoranthene

22.674min (-0.048) 1.16ng/ul

response 22675

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	25.55
125.00	11.00	14.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080521\
Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Quant Time: Aug 08 08:46:47 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 : Sun Aug 08 08:38:58 2021
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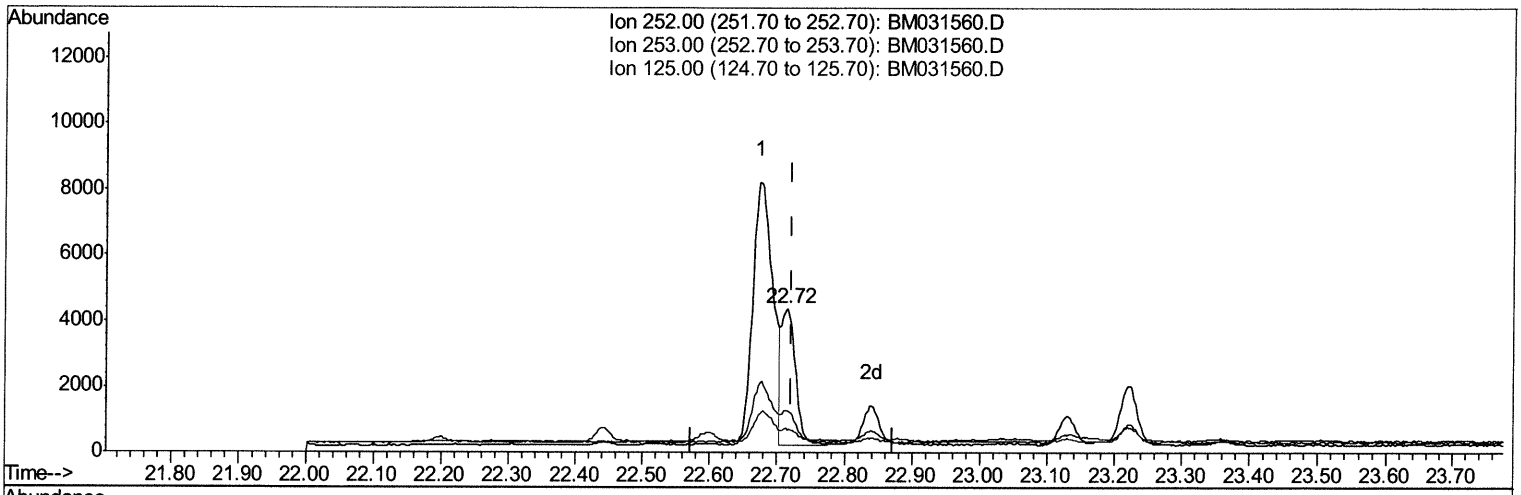
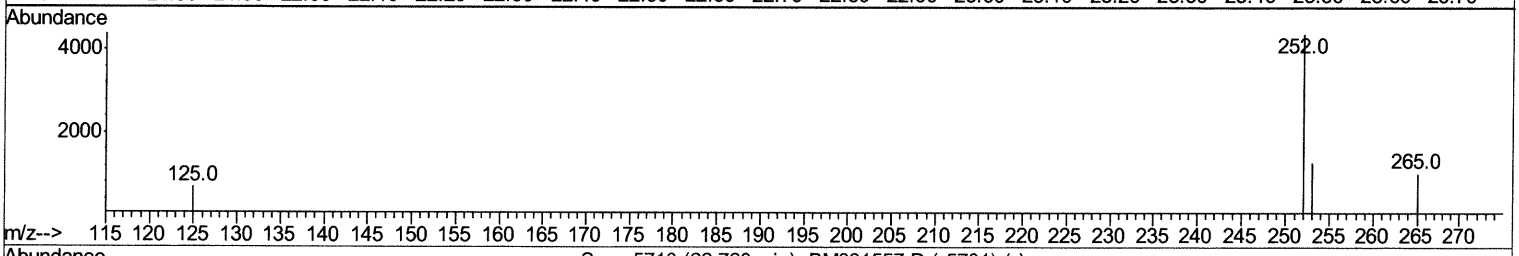
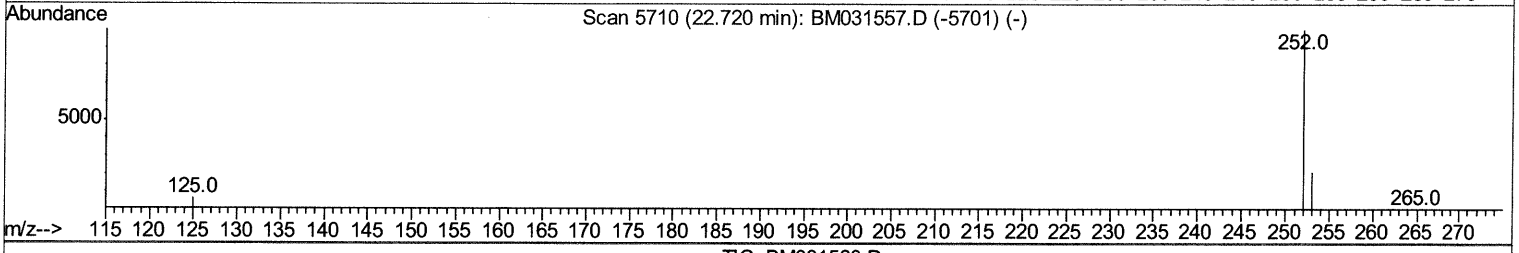
Instrument :
BNA_M
ClientSampleId :
C0090DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:14:01 PM







TIC: BM031560.D

(25) Benzo(k)fluoranthene

22.716min (-0.007) 0.31ng/ul m

response 5992

JU 8/11/21

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	29.01
125.00	11.00	15.78#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM031560.D
Acq On : 07 Aug 2021 20:58
Operator : CG/JU
Sample : M3124-09DL 2X
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0090DL

Manual Integrations APPROVED
mohammad
8/9/2021 12:14:01 PM

Quant Time: Aug 09 07:39:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
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QLast Update : Sun Aug 08 08:38:58 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1261	0.40	ng/ul	0.00
4) Naphthalene-d8	10.34	136	4637	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.22	164	2607	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5018	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4223	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4196	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	1530	1.09	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.94	152	516	0.07	ng/ul	0.00
18) Fluoranthene-d10	19.00	212	1015	0.07	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.39	128	4703	0.340	ng/ul	98
7) 2-Methylnaphthalene	12.02	142	2687	0.285	ng/ul	99
8) 1-Methylnaphthalene	12.24	142	1401	0.150	ng/ul	99
10) Acenaphthylene	13.94	152	1689	0.152	ng/ul	94
11) Acenaphthene	14.28	153	227m>	0.024	ng/ul>	JU 8/11/21
12) Fluorene	15.27	166	403	0.037	ng/ul#	91
15) Phenanthrene	17.01	178	11003	0.691	ng/ul	99
16) Anthracene	17.10	178	2098	0.141	ng/ul	94
19) Fluoranthene	19.03	202	22417	1.243	ng/ul	98
20) Pyrene	19.39	202	11612	0.635	ng/ul	97
21) Benzo(a)anthracene	21.14	228	10641	0.624	ng/ul	95
22) Chrysene	21.19	228	12323	0.698	ng/ul	98
24) Benzo(b)fluoranthene	22.67	252	16718m}	0.884	ng/ul}	JU 8/11/21
25) Benzo(k)fluoranthene	22.72	252	5992m}	0.307	ng/ul}	
26) Benzo(a)pyrene	23.22	252	3341	0.202	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.45	276	3866	0.181	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.45	278	1903	0.110	ng/ul#	68

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