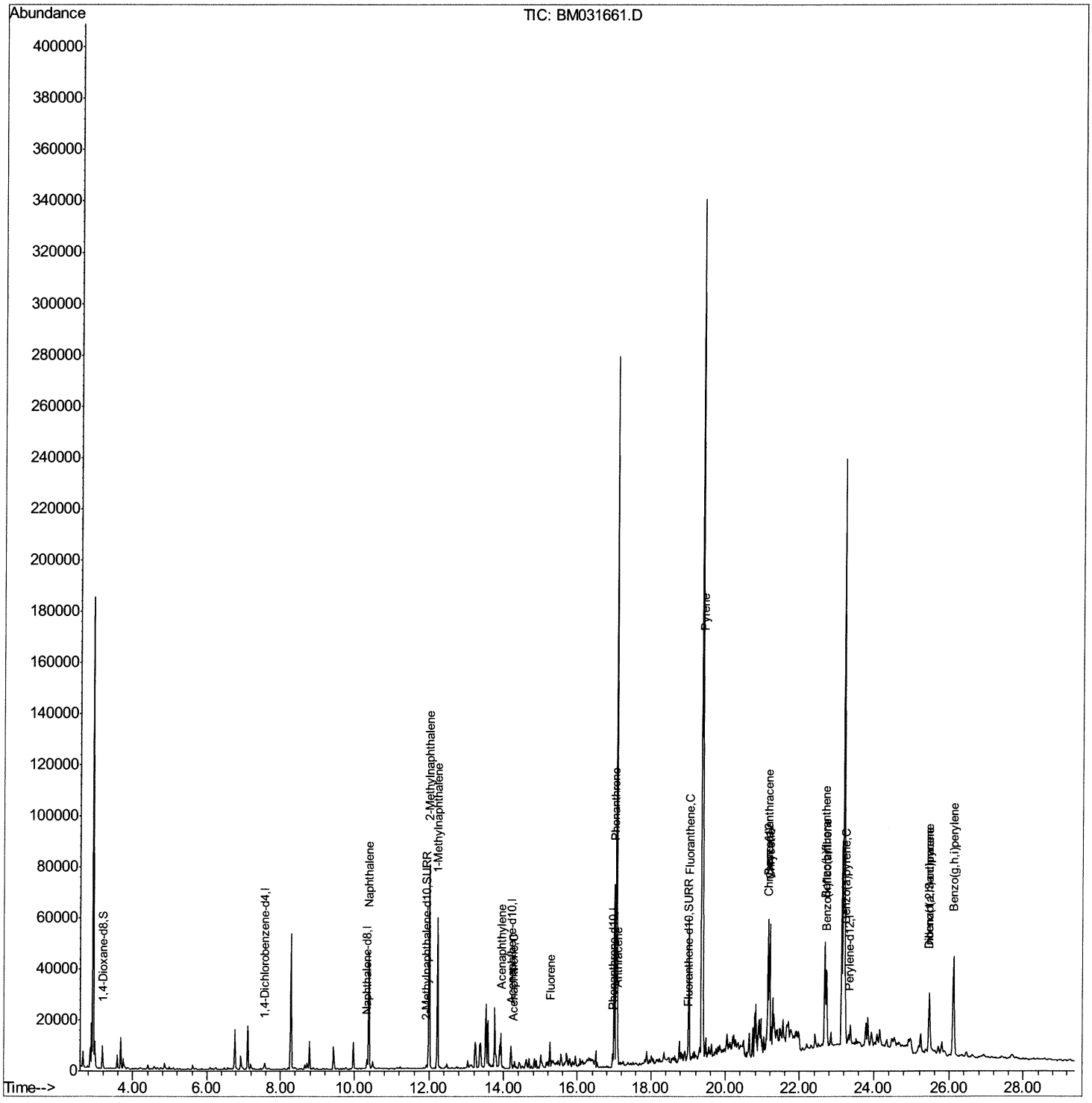
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 11 16:25:27 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 11 11:28:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
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Manual Integrations APPROVED
mohammad
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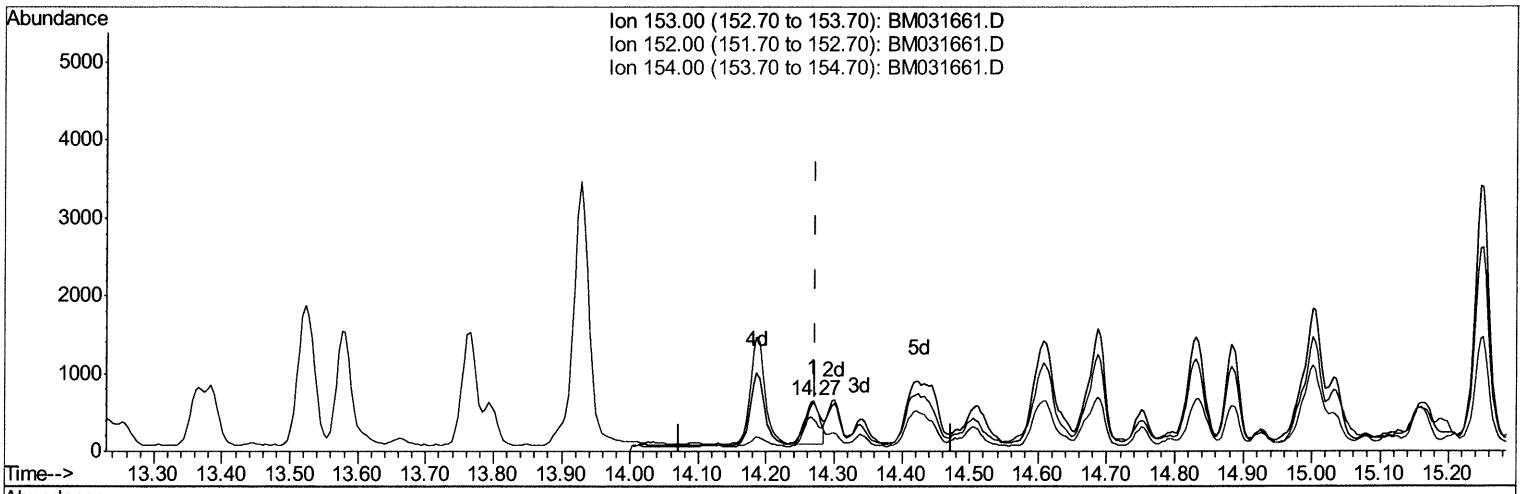

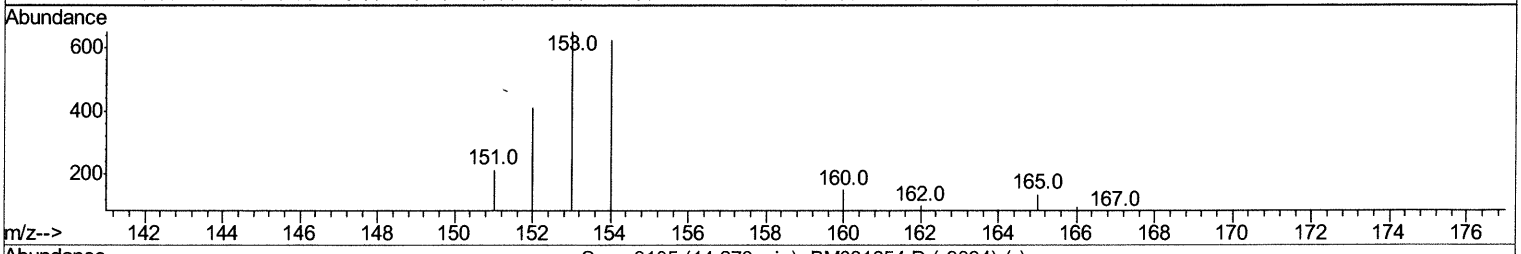

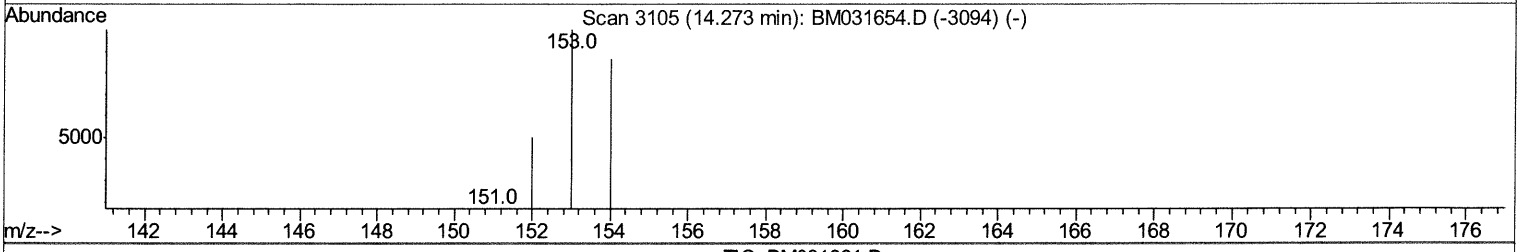

TIC: BM031661.D

(11) Acenaphthene (C)

14.269min (-0.004) 0.07ng/ul

response 893

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.83#
154.00	87.70	96.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
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ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 11 16:23:28 2021
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QLast Update : Wed Aug 11 11:28:24 2021
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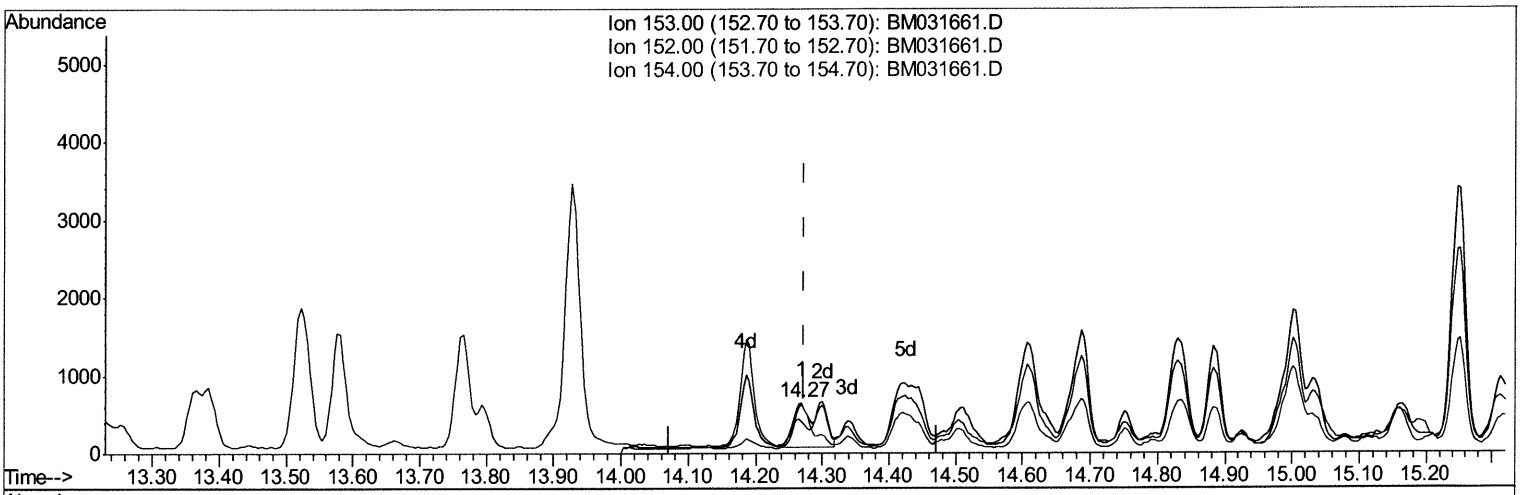
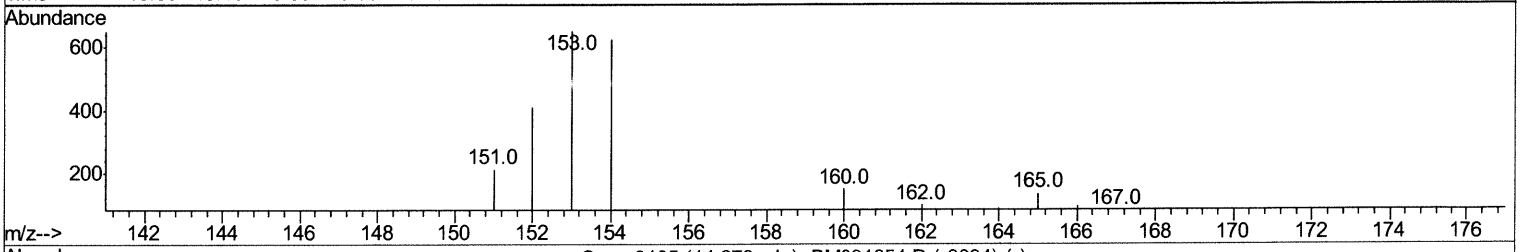
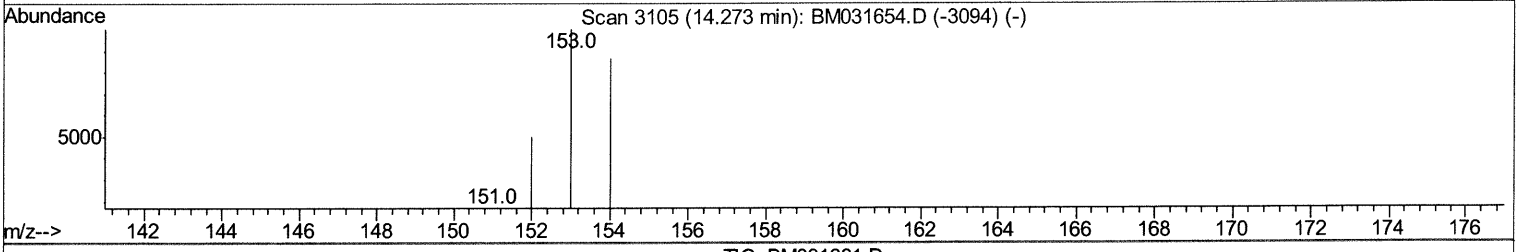
Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM







TIC: BM031661.D

(11) Acenaphthene (C)

14.269min (-0.004) 0.14ng/ul m 08/13/21 JU

response 1640

Ion	Exp%	Act%
153.00	100	100
152.00	50.90	62.83#
154.00	87.70	96.01
0.00	0.00	0.00

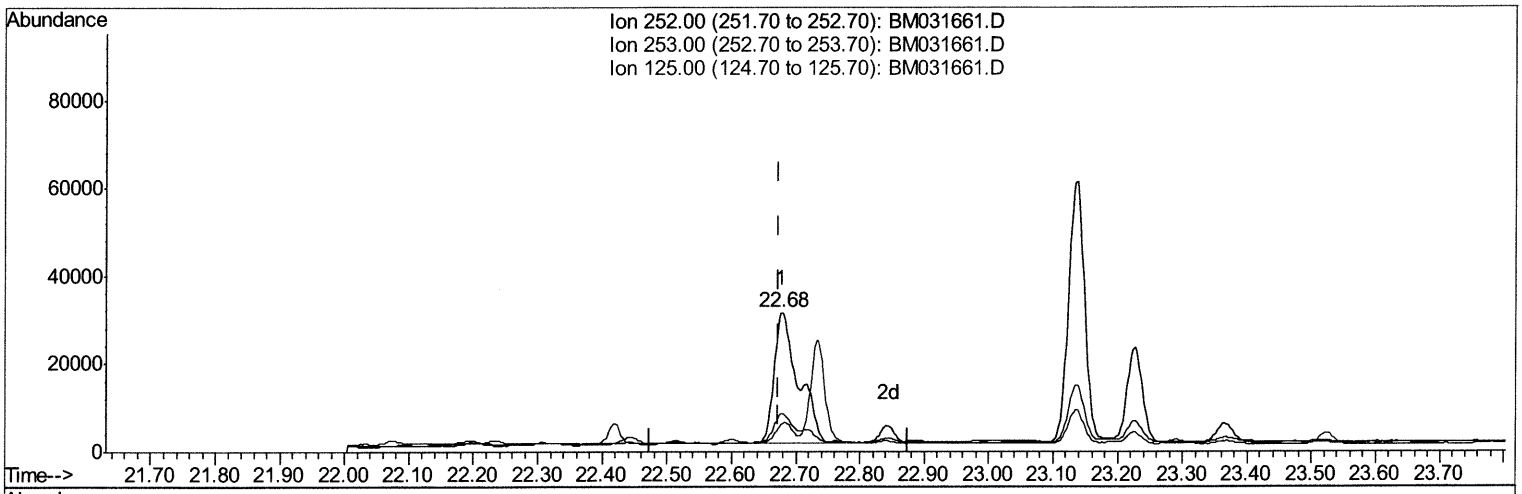
Quantitation Report (Qedit)

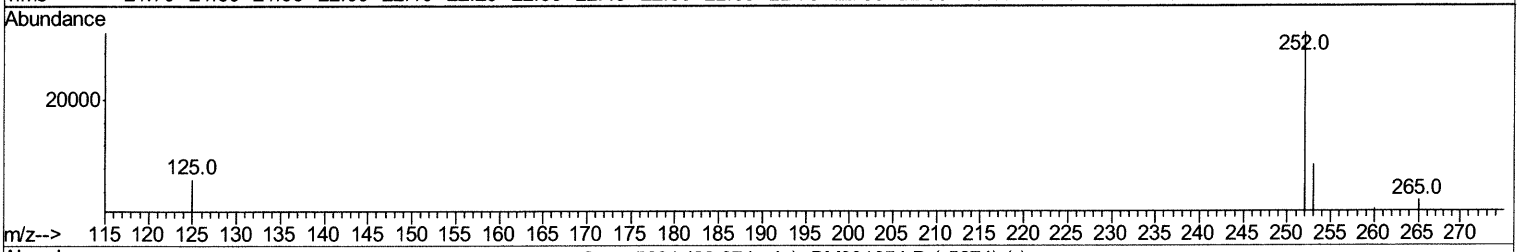
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

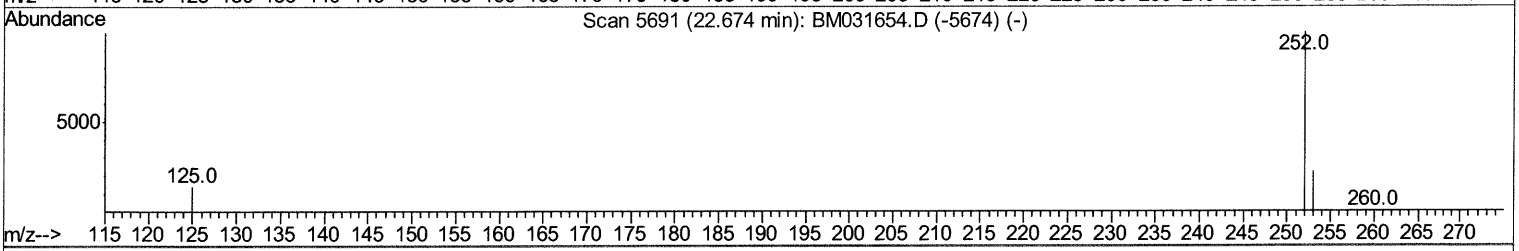
Quant Time: Aug 11 16:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM







TIC: BM031661.D

(24) Benzo(b)fluoranthene

22.677min (+0.003) 3.87ng/ul

response 79446

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.50
125.00	11.40	19.42
0.00	0.00	0.00

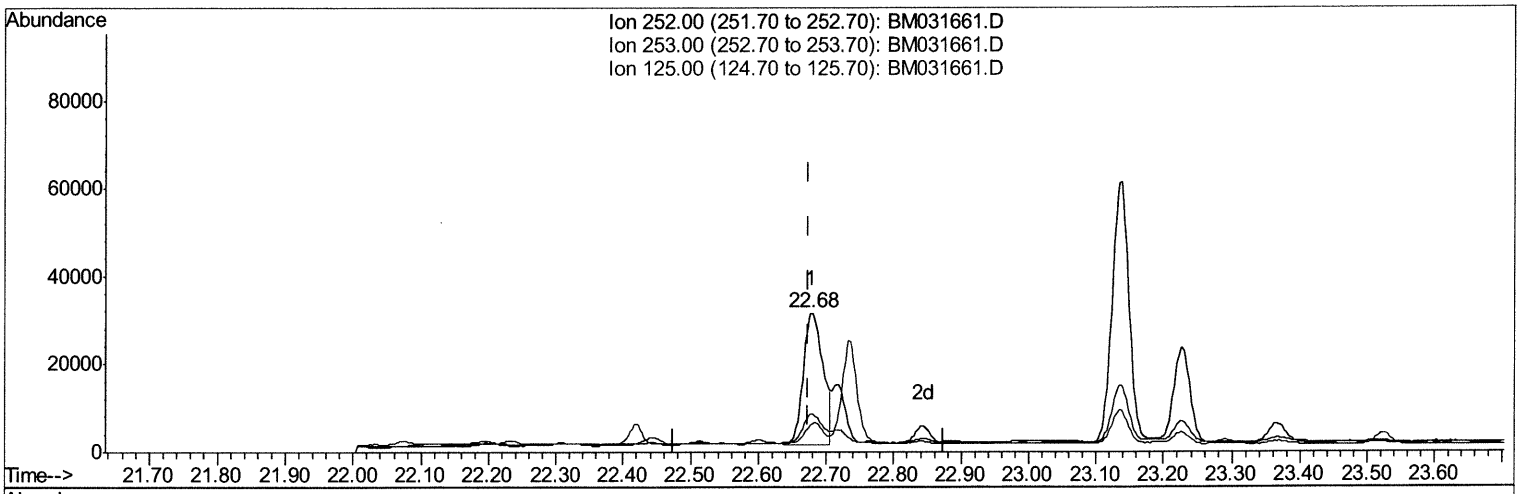
Quantitation Report (Qedit)

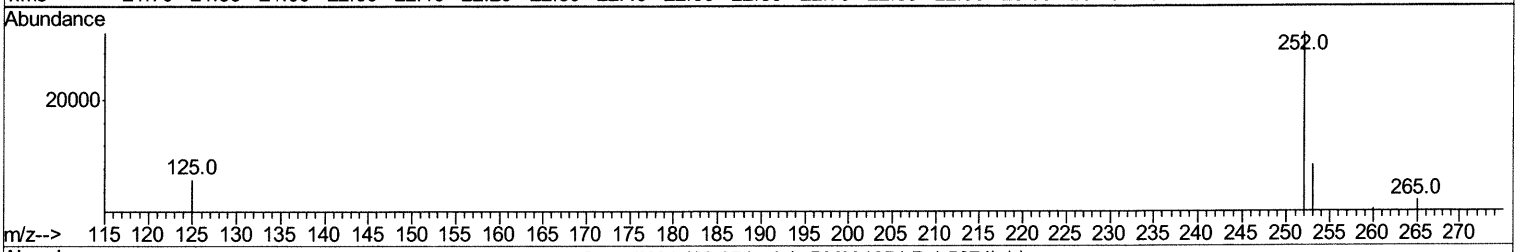
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

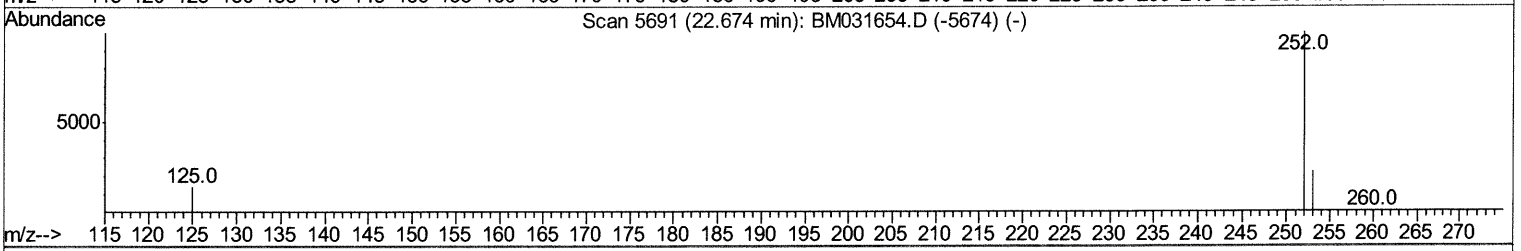
Quant Time: Aug 11 16:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM







TIC: BM031661.D

(24) Benzo(b)fluoranthene

22.677min (+0.003) 3.00ng/ul m 08/13/21 JU

response 61666

Ion	Exp%	Act%
252.00	100	100
253.00	26.50	27.50
125.00	11.40	19.42
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 11 16:23:28 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 11 11:28:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
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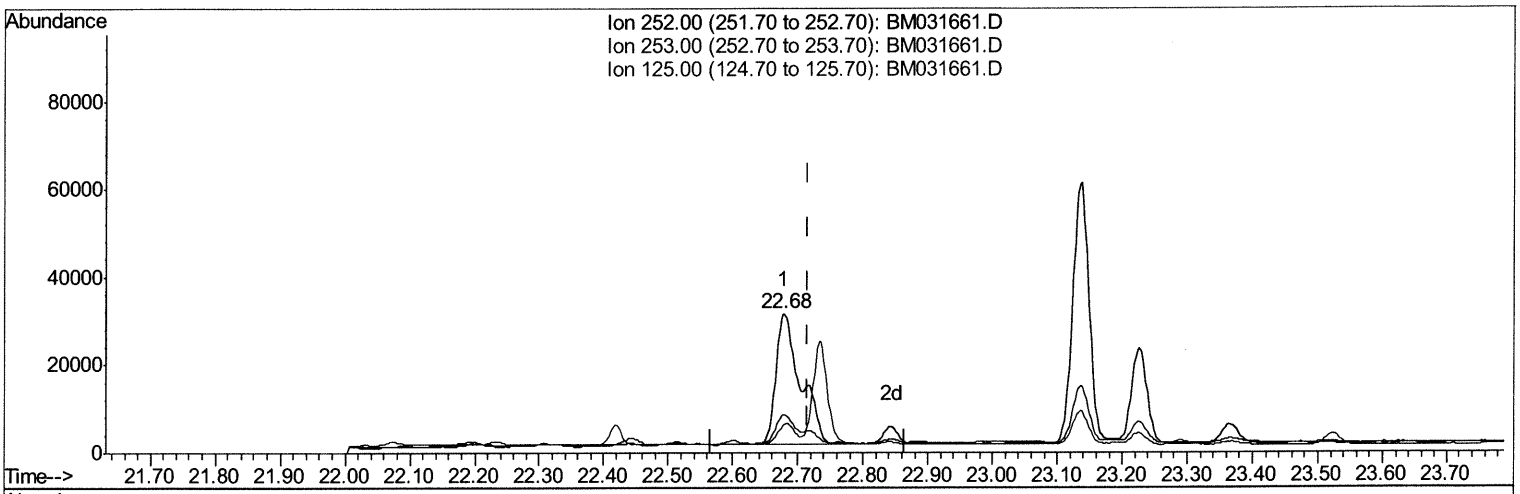
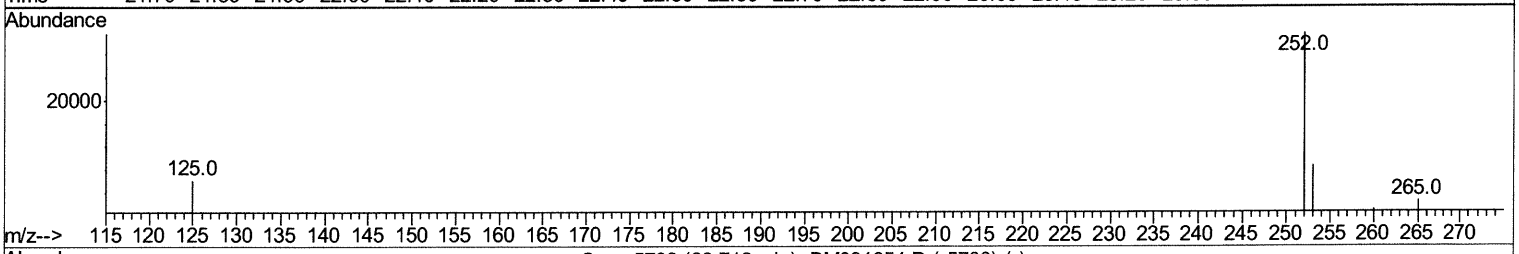
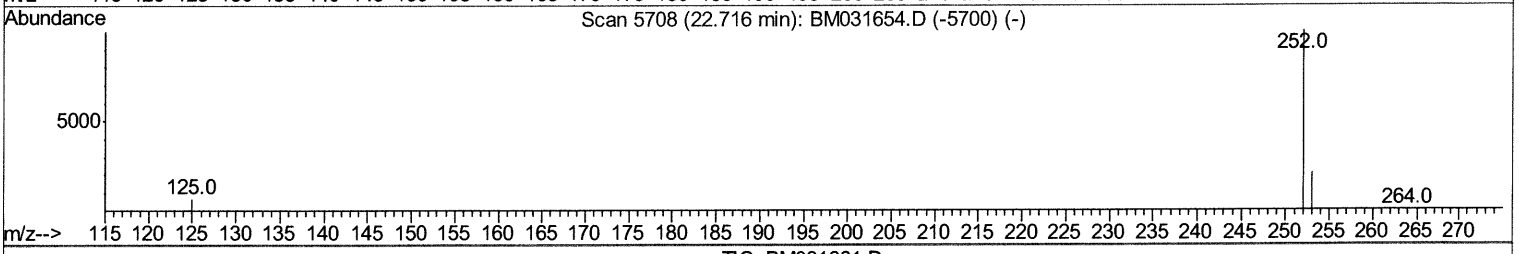






TIC: BM031661.D

(25) Benzo(k)fluoranthene

22.677min (-0.039) 3.74ng/ul

response 79407

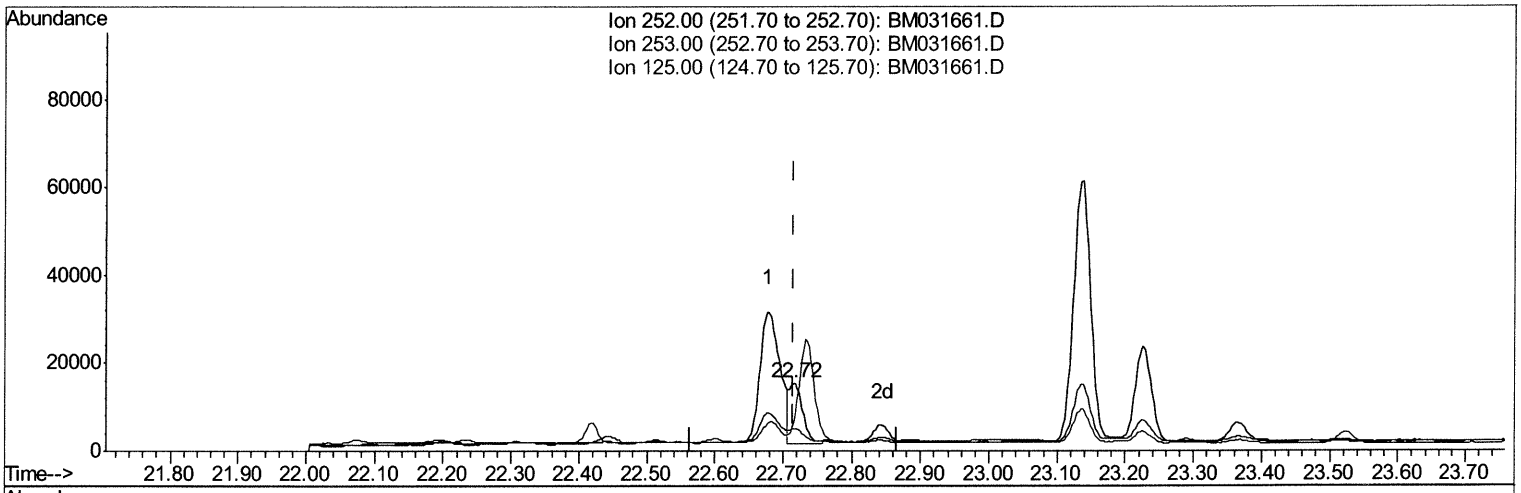
Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.50
125.00	11.00	19.42#
0.00	0.00	0.00

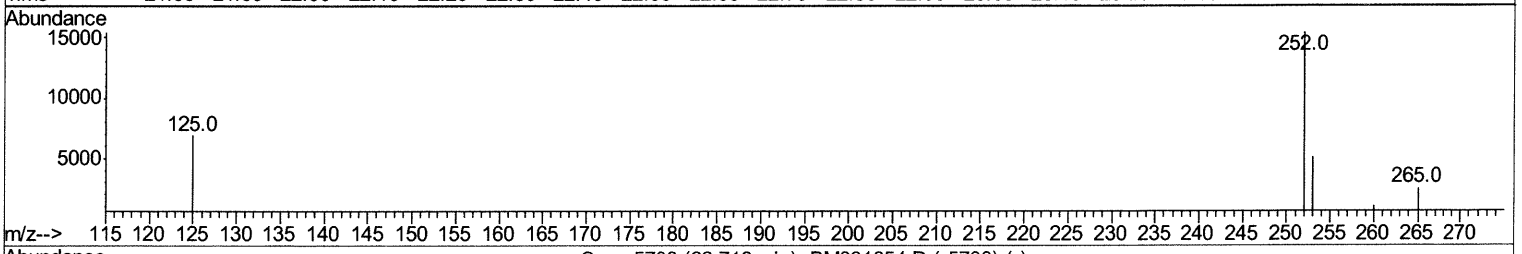
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

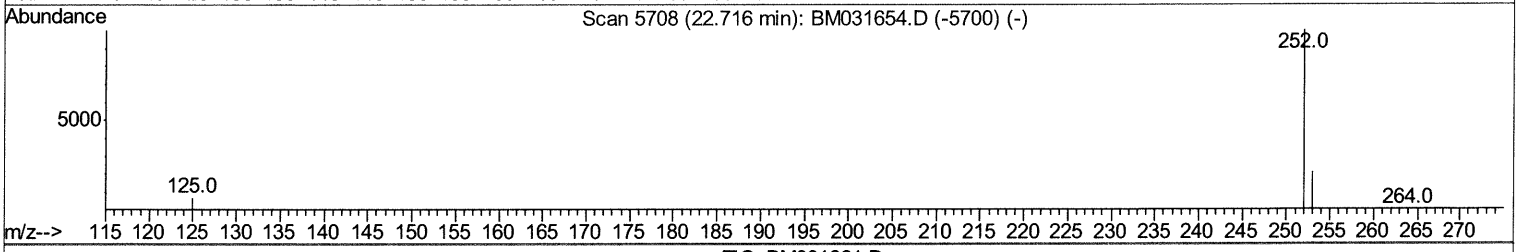
Quant Time: Aug 11 16:23:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 11 11:28:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM







TIC: BM031661.D

(25) Benzo(k)fluoranthene

22.716min (+0.000) 0.90ng/ul m 08/13/21 CJU

response 19017

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	32.97#
125.00	11.00	44.47#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM081121\
Data File : BM031661.D
Acq On : 11 Aug 2021 15:38
Operator : CG/JU
Sample : M3246-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AA6

Manual Integrations APPROVED
mohammad
8/12/2021 1:35:56 PM

Quant Time: Aug 11 16:25:27 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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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1275	0.40	ng/ul	0.00
4) Naphthalene-d8	10.33	136	4903	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.20	164	3341	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.96	188	5753	0.40	ng/ul	0.00
17) Chrysene-d12	21.16	240	4774	0.40	ng/ul	0.00
23) Perylene-d12	23.32	264	4561	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	5384	3.80	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.93	152	2008	0.24	ng/ul	0.00
18) Fluoranthene-d10	18.99	212	4238	0.27	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.38	128	60050	4.112	ng/ul	97
7) 2-Methylnaphthalene	12.00	142	54426	5.455	ng/ul	99
8) 1-Methylnaphthalene	12.22	142	39068	3.963	ng/ul	100
10) Acenaphthylene	13.93	152	5499	0.386	ng/ul	94
11) Acenaphthene	14.27	153	1640m >	0.137	ng/ul >	94 08/13/2134
12) Fluorene	15.26	166	1295	0.094	ng/ul#	45
15) Phenanthrene	17.00	178	74490	4.078	ng/ul	98
16) Anthracene	17.09	178	11444	0.669	ng/ul	97
19) Fluoranthene	19.02	202	48551	2.382	ng/ul#	96
20) Pyrene	19.39	202	126881	6.137	ng/ul	95
21) Benzo(a)anthracene	21.14	228	32441	1.683	ng/ul#	54
22) Chrysene	21.19	228	48828	2.448	ng/ul#	82
24) Benzo(b)fluoranthene	22.68	252	61666m >	3.001	ng/ul >	08/13/2134
25) Benzo(k)fluoranthene	22.72	252	19017m	0.896	ng/ul	
26) Benzo(a)pyrene	23.23	252	37464	2.082	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.46	276	36935	1.588	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.46	278	8518	0.454	ng/ul#	35
29) Benzo(g,h,i)perylene	26.12	276	77814	3.921	ng/ul	96

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