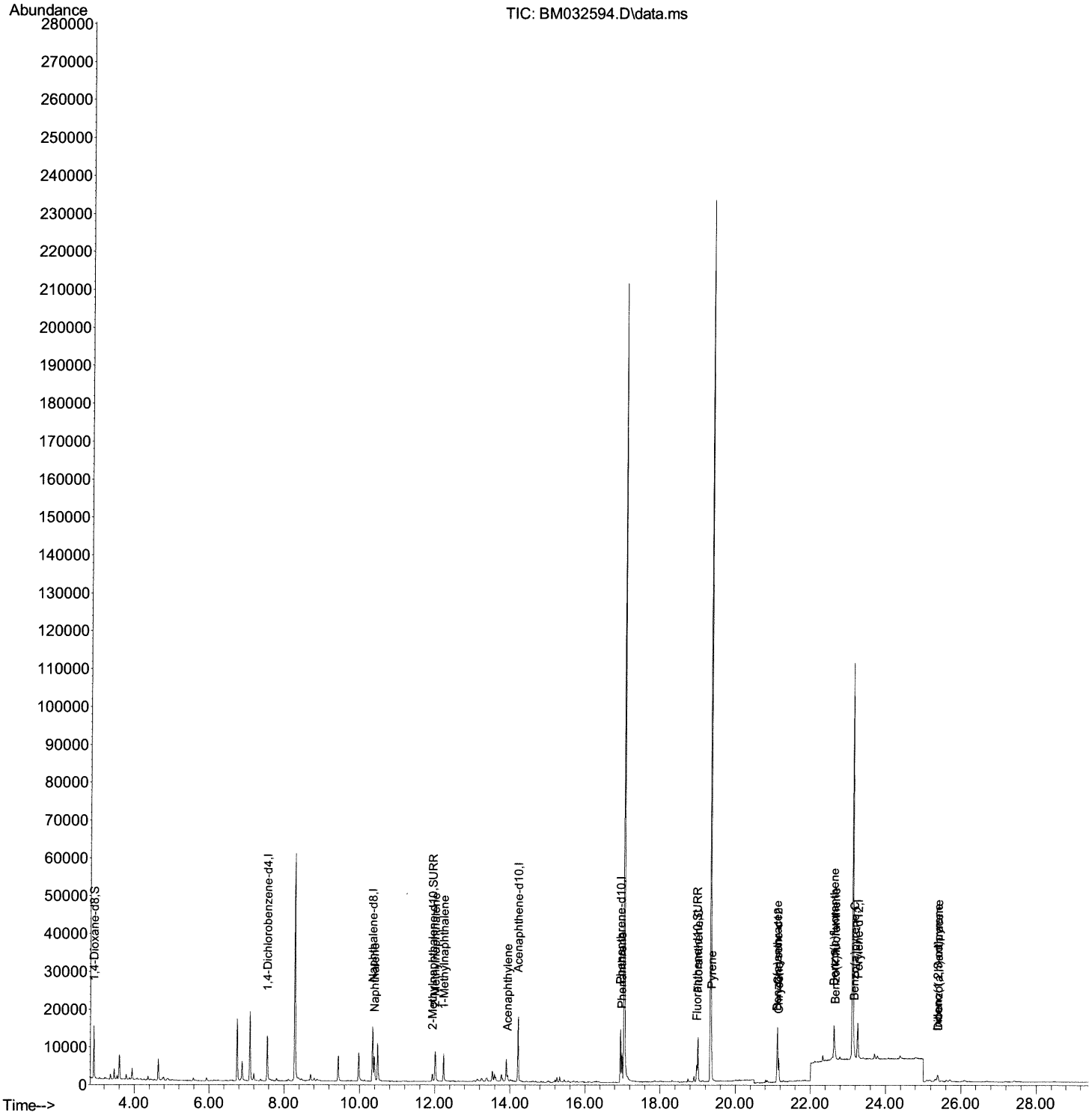
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032594.D
Acq On : 19 Oct 2021 21:12
Operator : CG/JU
Sample : M4181-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 20 02:57:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0B17

Manual Integrations APPROVED
mohammad
10/20/2021 1:55:53 PM



Quantitation Report (Qedit)

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mohammad
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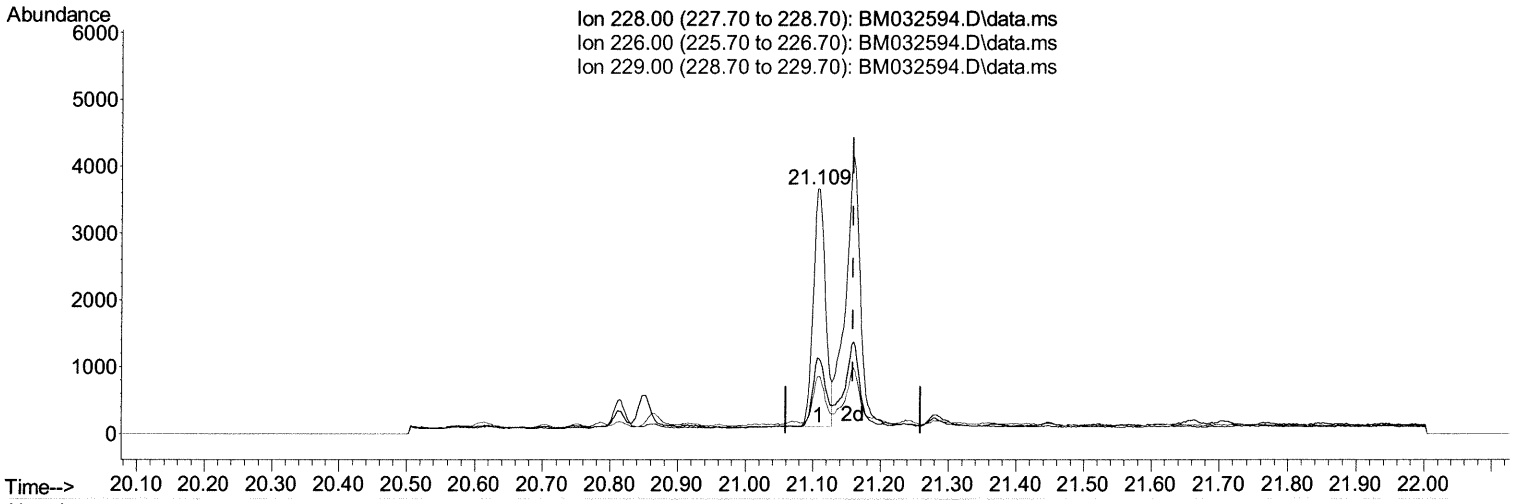

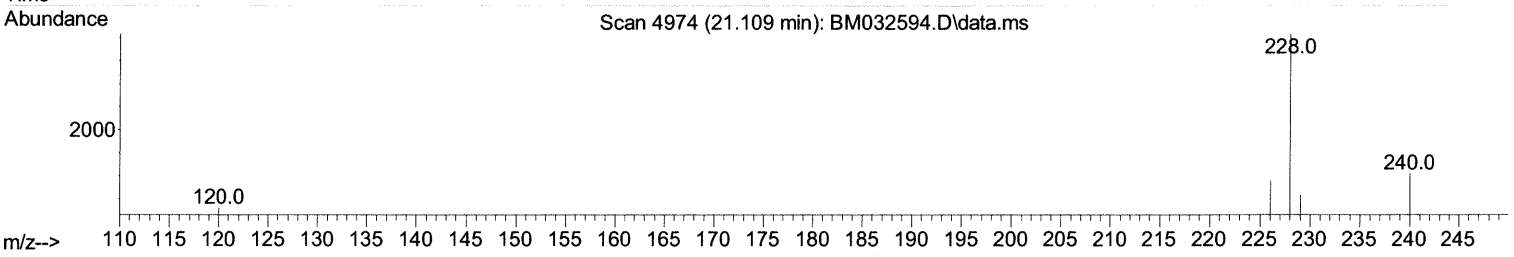

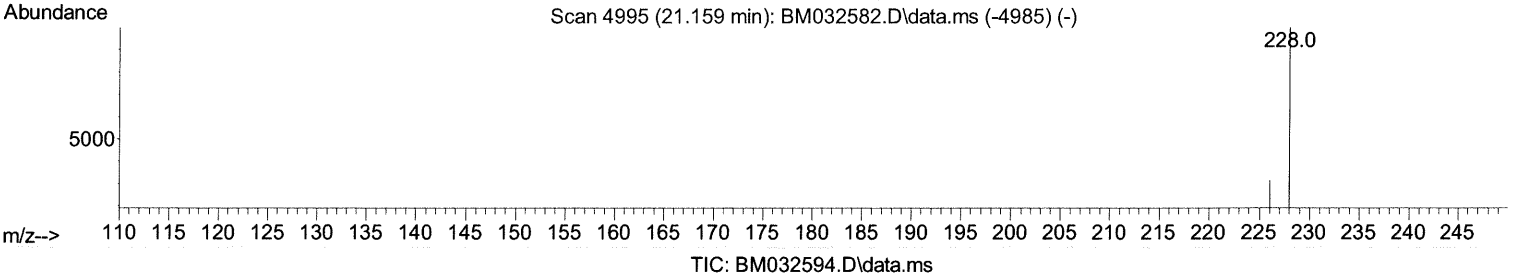

TIC: BM032594.D\data.ms

(22) Chrysene

21.109min (-0.051) 0.09 ng/ul

response 4482

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.40	30.38
229.00	19.60	23.50
0.00	0.00	0.00

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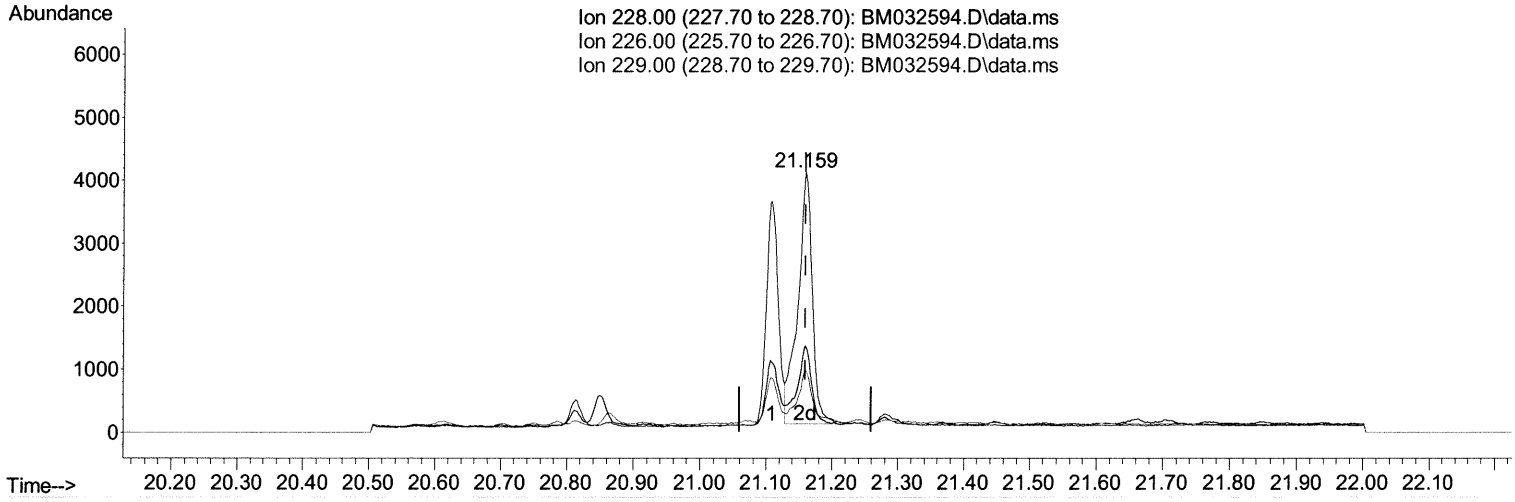
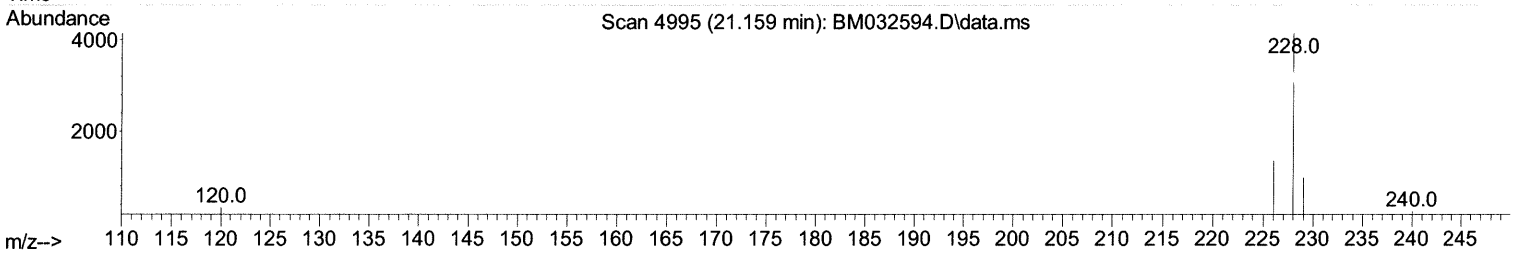
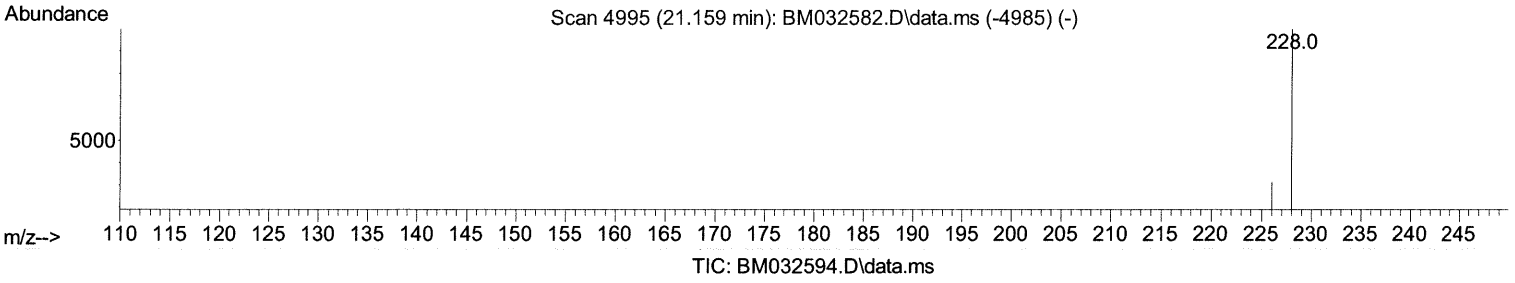
Manual Integrations APPROVED
mohammad
10/20/2021 1:55:53 PM







TIC: BM032594.D\data.ms

(22) Chrysene

21.159min (+ 0.000) 0.13 ng/ul m 10/21/21 JU

response 6133

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	31.40	33.10
229.00	19.60	23.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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Misc :
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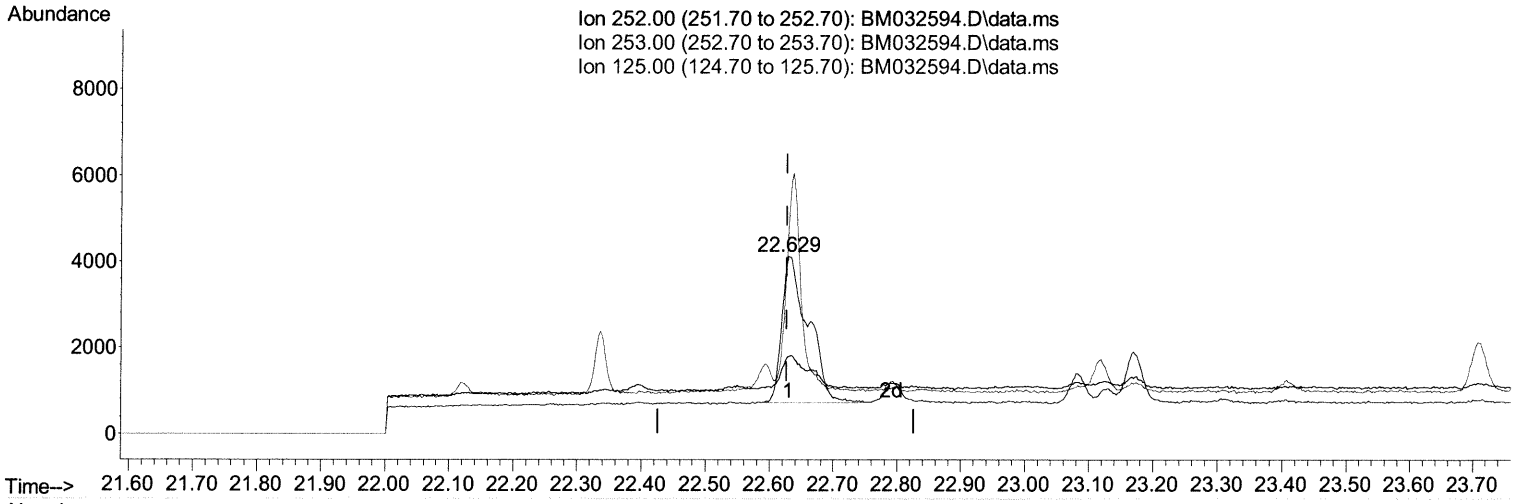
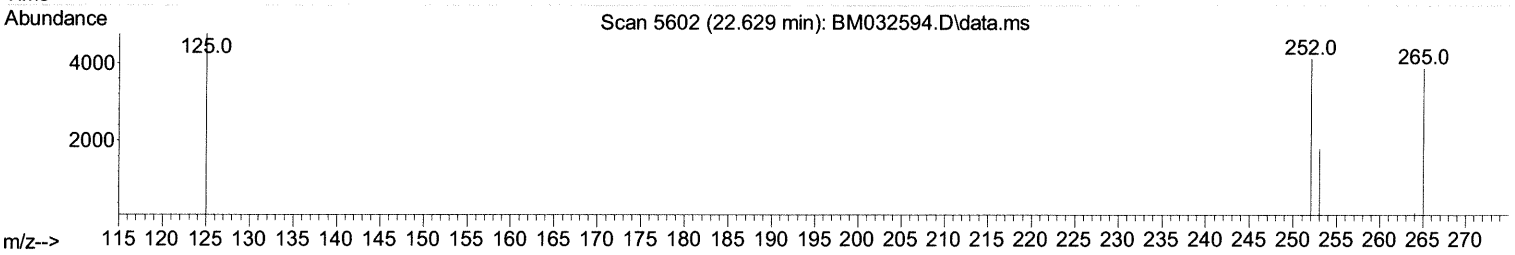
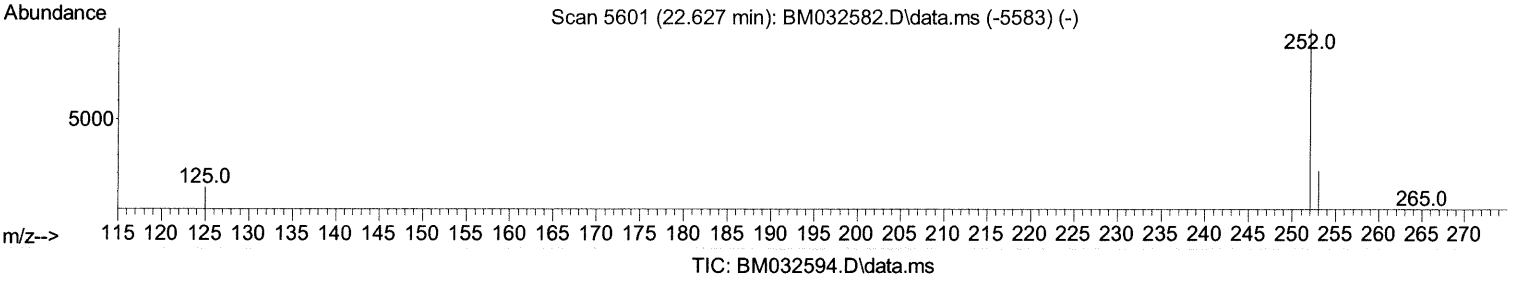
Instrument :
BNA_M
ClientSampleId :
C0B17

Manual Integrations APPROVED
mohammad
10/20/2021 1:55:53 PM







TIC: BM032594.D\data.ms

(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 0.19 ng/ul

response 9704

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	43.65
125.00	17.80	115.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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Misc :
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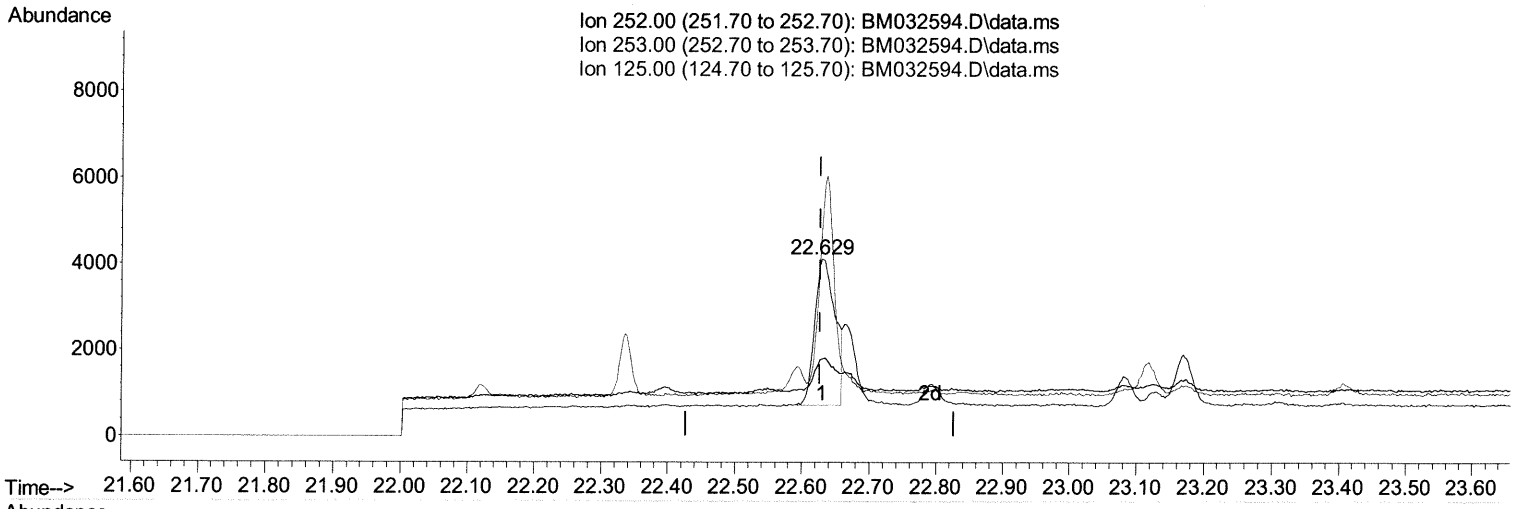
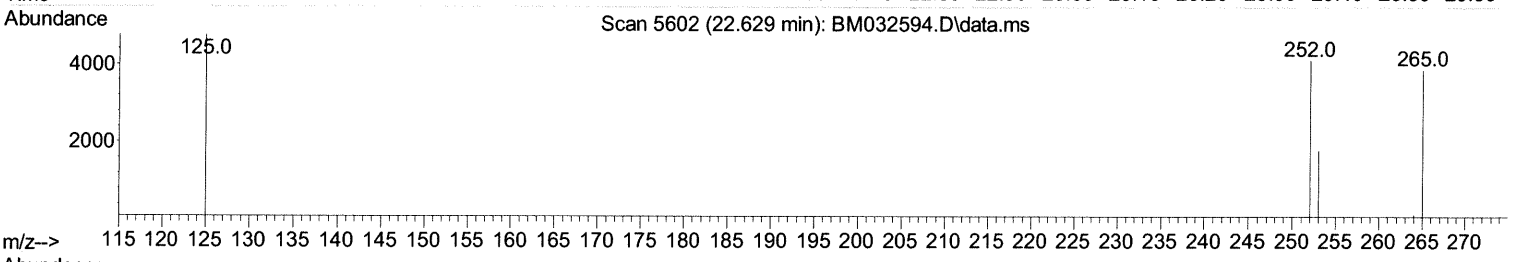
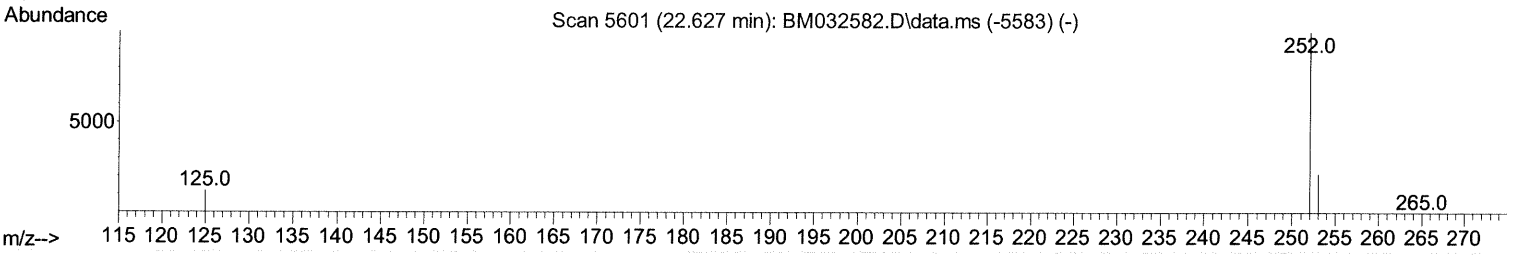
BNA_M
ClientSampleId :
C0B17

Manual Integrations APPROVED
mohammad
10/20/2021 1:55:53 PM







TIC: BM032594.D\data.ms

(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 0.14 ng/ul m 10/21/21 JU

response 7112

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	43.65
125.00	17.80	115.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032594.D
Acq On : 19 Oct 2021 21:12
Operator : CG/JU
Sample : M4181-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
C0B17

Manual Integrations APPROVED
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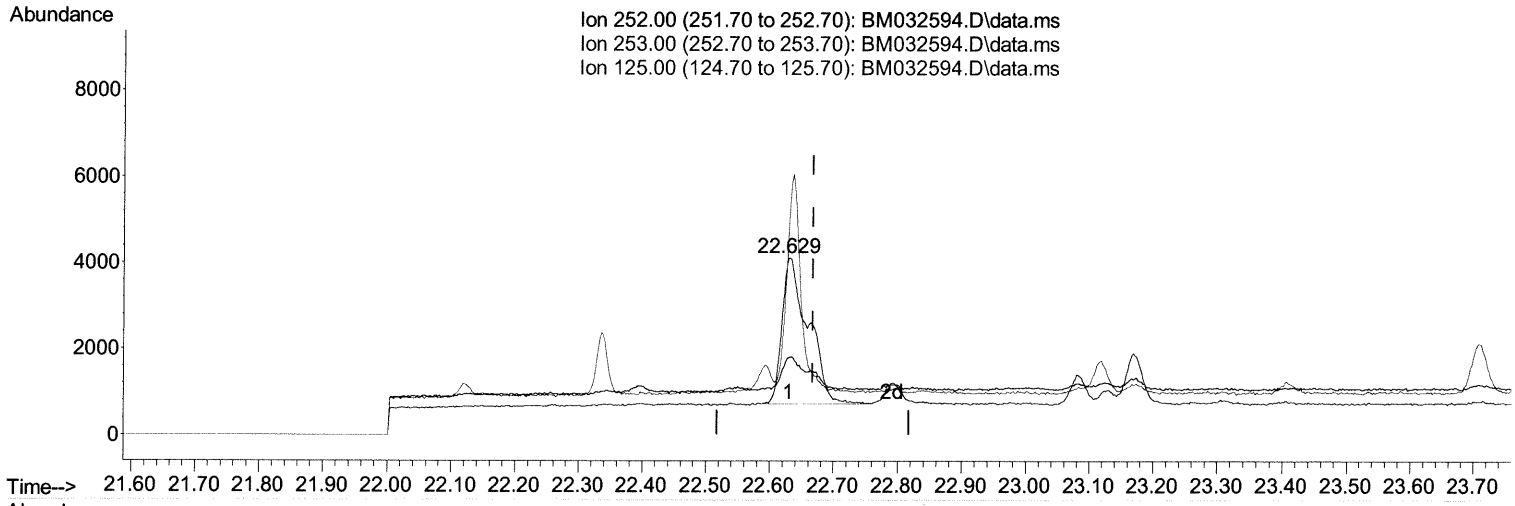

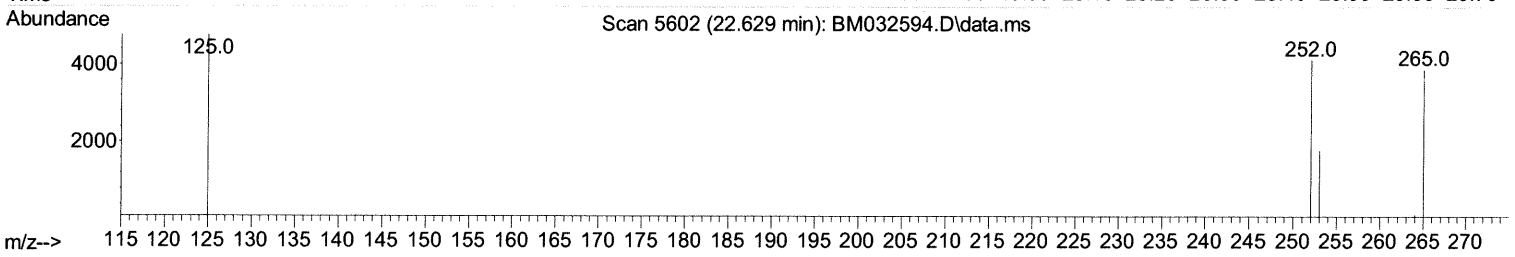

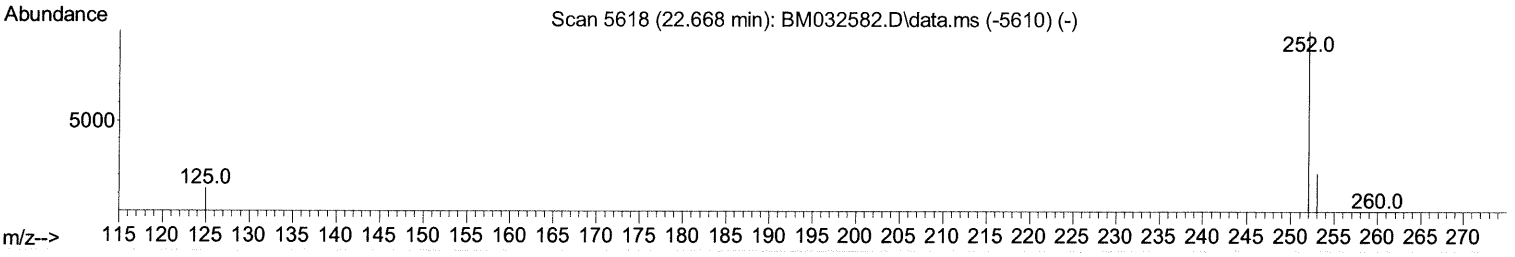

TIC: BM032594.D\data.ms

(25) Benzo(k)fluoranthene

22.629min (-0.039) 0.19 ng/ul

response 9704

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	43.65#
125.00	18.00	115.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032594.D
Acq On : 19 Oct 2021 21:12
Operator : CG/JU
Sample : M4181-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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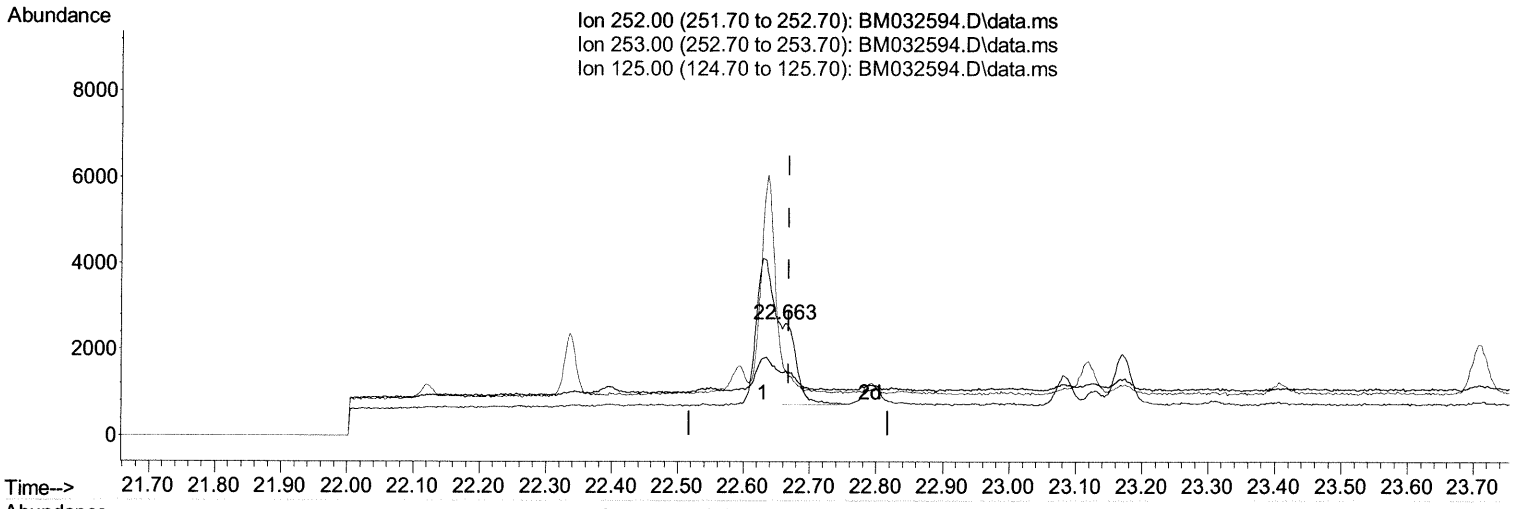

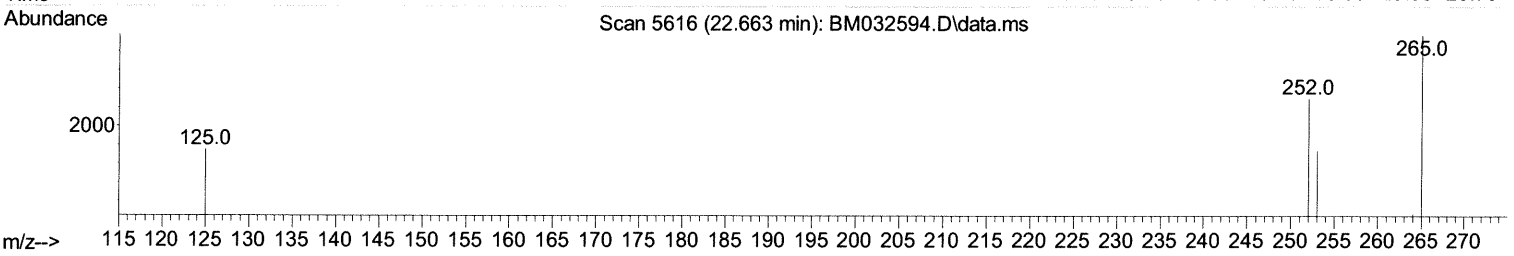

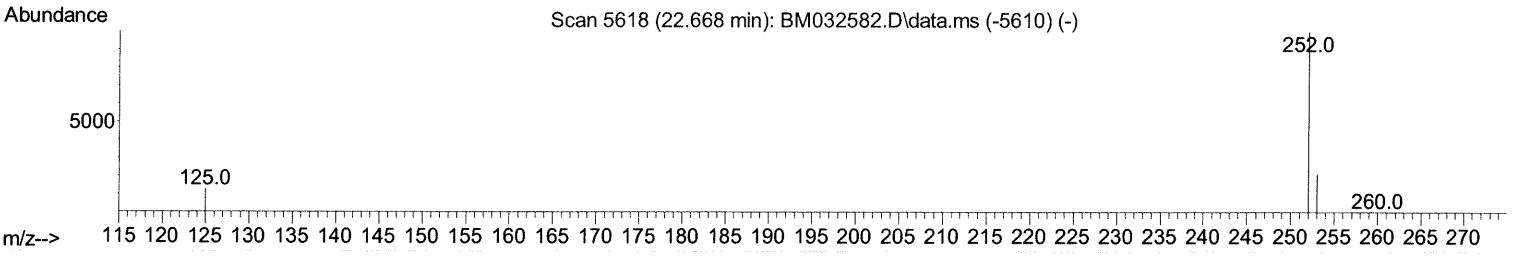

TIC: BM032594.D\data.ms

(25) Benzo(k)fluoranthene

22.663min (-0.005) 0.05 ng/ul m 10/21/21 JU

response 2672

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	57.37#
125.00	18.00	57.95#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : CG/JU
Sample : M4181-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	6626	0.400	ng/ul	0.00
4) Naphthalene-d8	10.344	136	19865	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8986	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	15892	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	11079	0.400	ng/ul	0.00
23) Perylene-d12	23.264	264	11300	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.927	96	8214	1.106	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	2922	0.110	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	4569	0.131	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.393	128	8823	0.146	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	6576	0.167	ng/ul	99
8) 1-Methylnaphthalene	12.237	142	5224	0.134	ng/ul	100
10) Acenaphthylene	13.933	152	953	0.025	ng/ul#	76
15) Phenanthrene	16.988	178	7992	0.150	ng/ul	98
19) Fluoranthene	19.004	202	9717	0.177	ng/ul	97
20) Pyrene	19.366	202	8093	0.144	ng/ul	98
21) Benzo(a)anthracene	21.109	228	4482	0.104	ng/ul	94
22) Chrysene	21.159	228	6133m	0.129	ng/ul	
24) Benzo(b)fluoranthene	22.629	252	7112m	0.136	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	2672m	0.051	ng/ul	
26) Benzo(a)pyrene	23.169	252	2203	0.050	ng/ul#	24
27) Indeno(1,2,3-cd)pyrene	25.374	276	2211	0.041	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.379	278	994	0.024	ng/ul#	1

10/21/21 JU

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