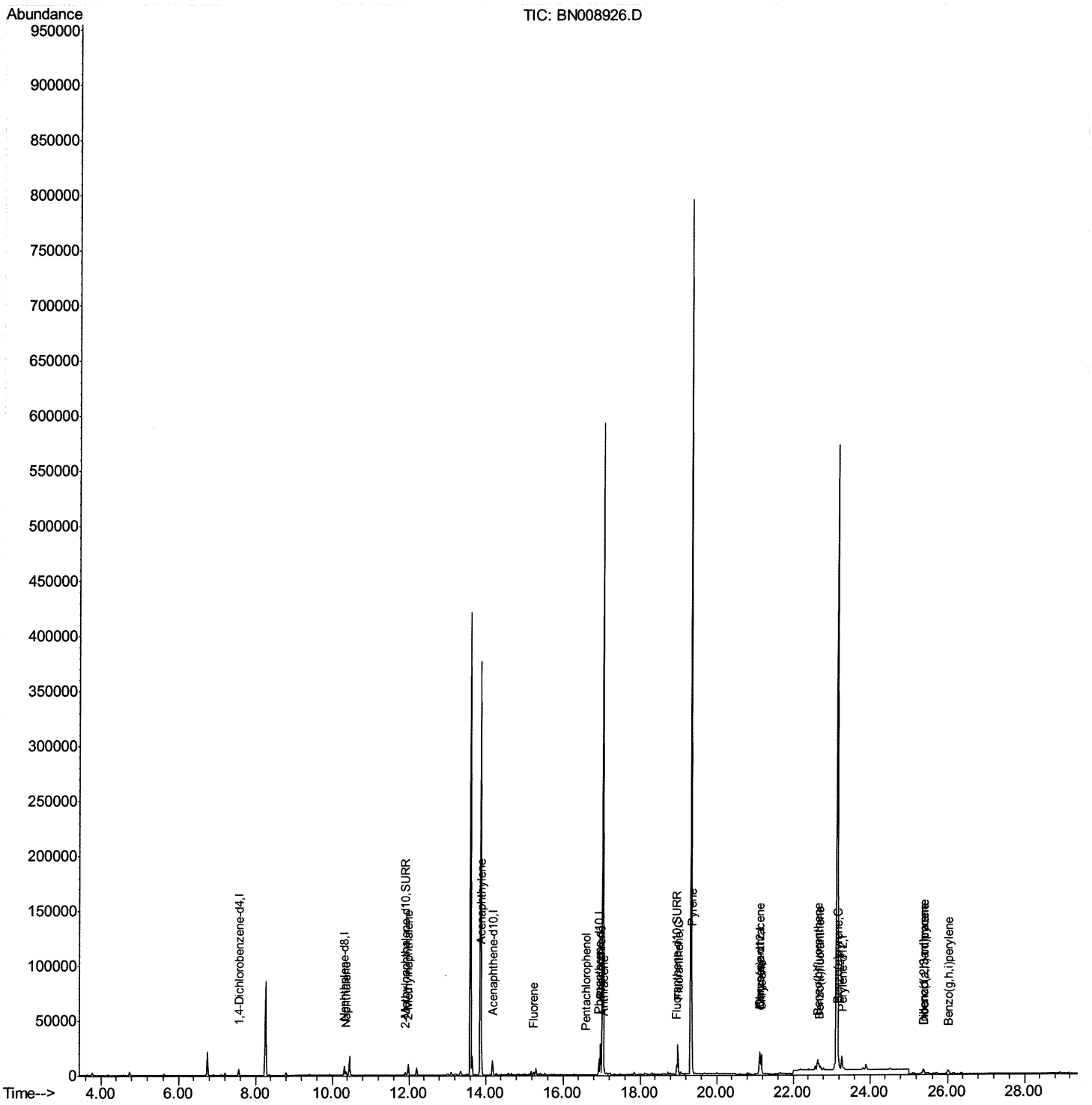
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 01:41:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 00:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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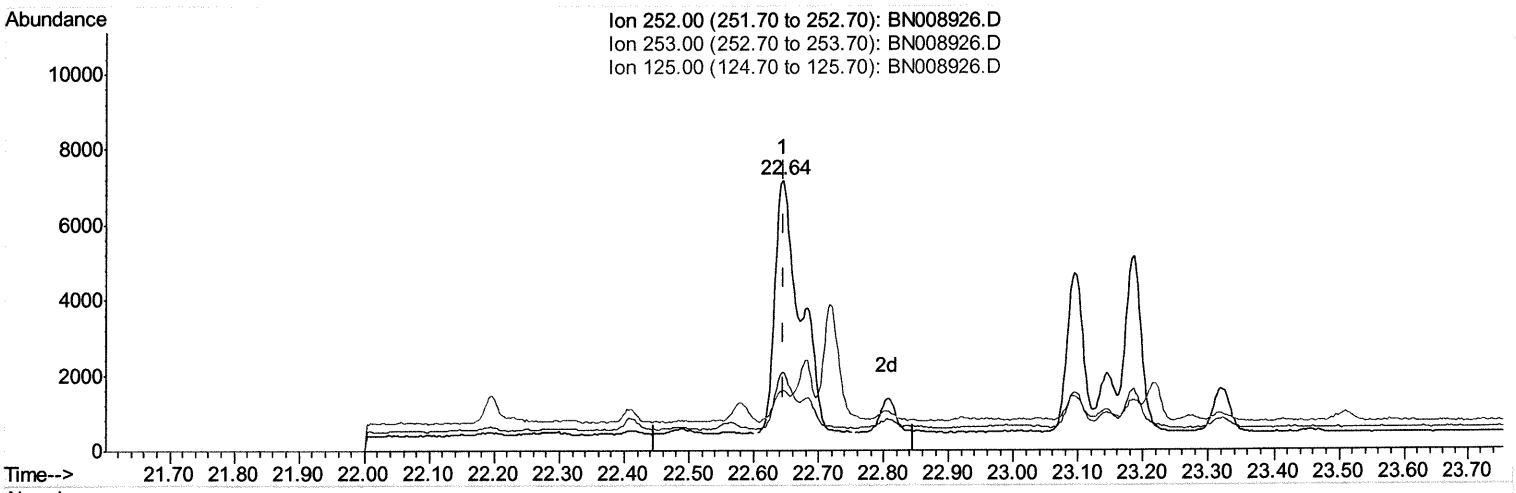
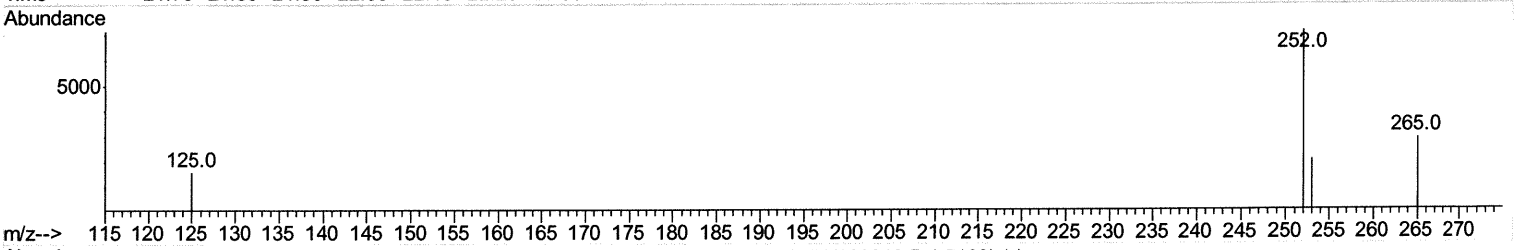
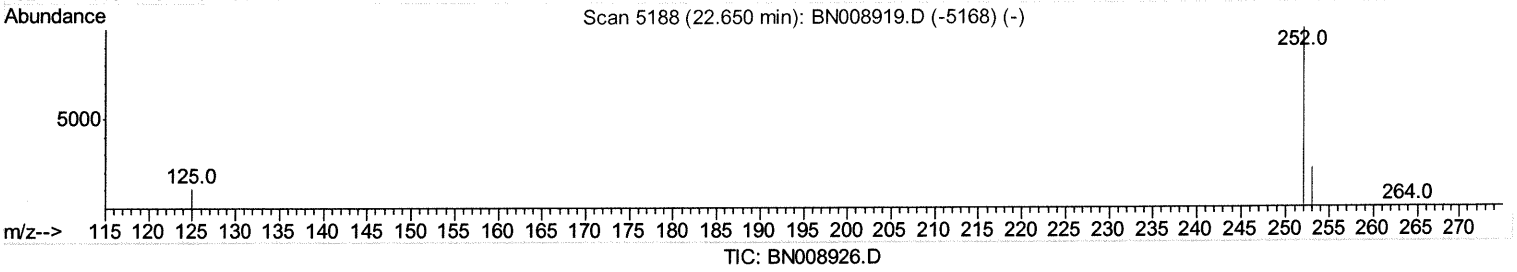
Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM







TIC: BN008926.D

(21) Benzo(b)fluoranthene

22.644min (-0.002) 0.28ng/ul

response 18147

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	29.18
125.00	15.80	22.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
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Manual Integrations APPROVED
mohammad
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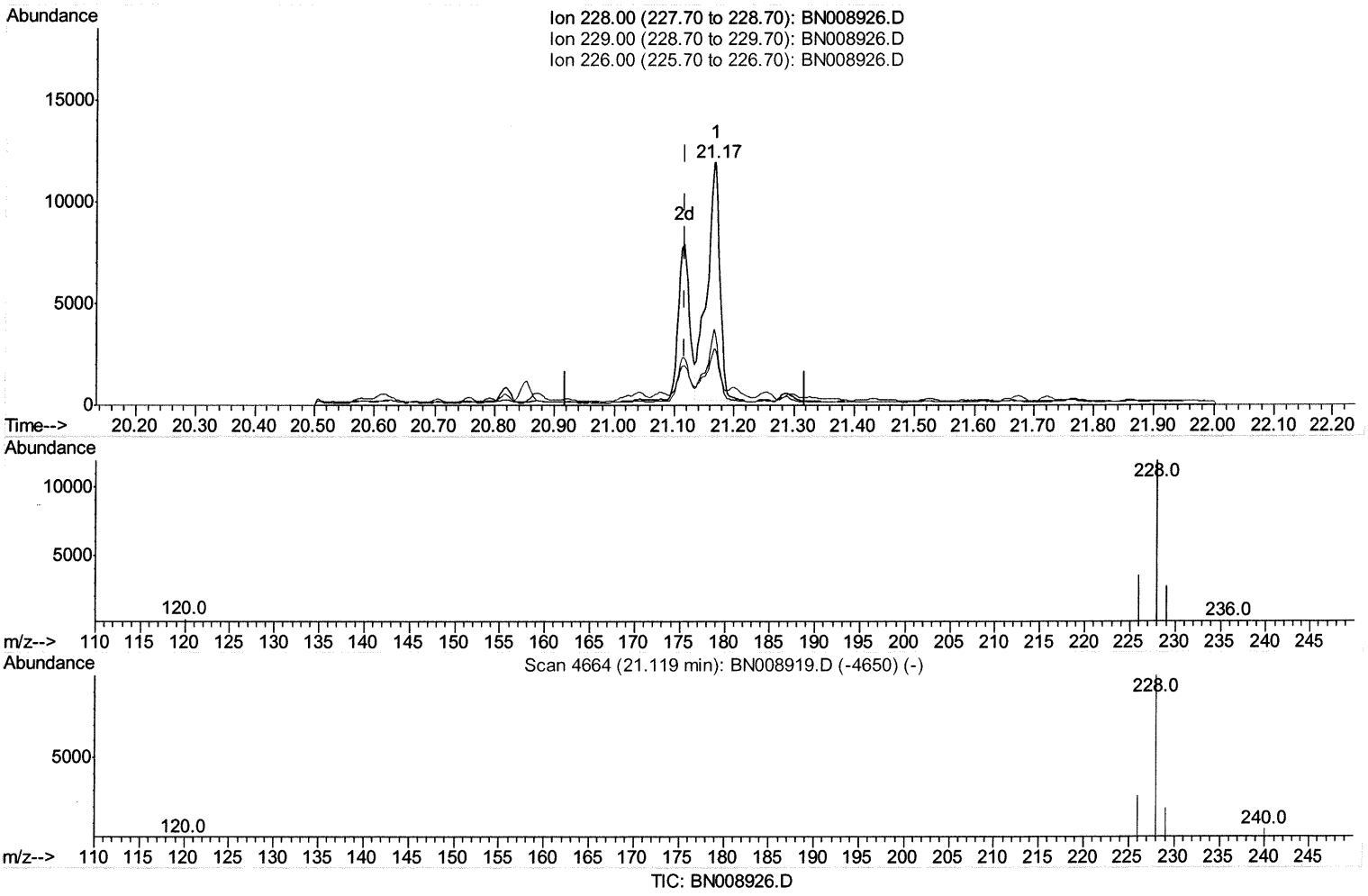

TIC: BN008926.D

(18) Benzo(a)anthracene

21.169min (+0.050) 0.31ng/ul

response 17823

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	23.00
226.00	26.90	29.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
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Acq On : 11 Dec 2019 20:33
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Misc :
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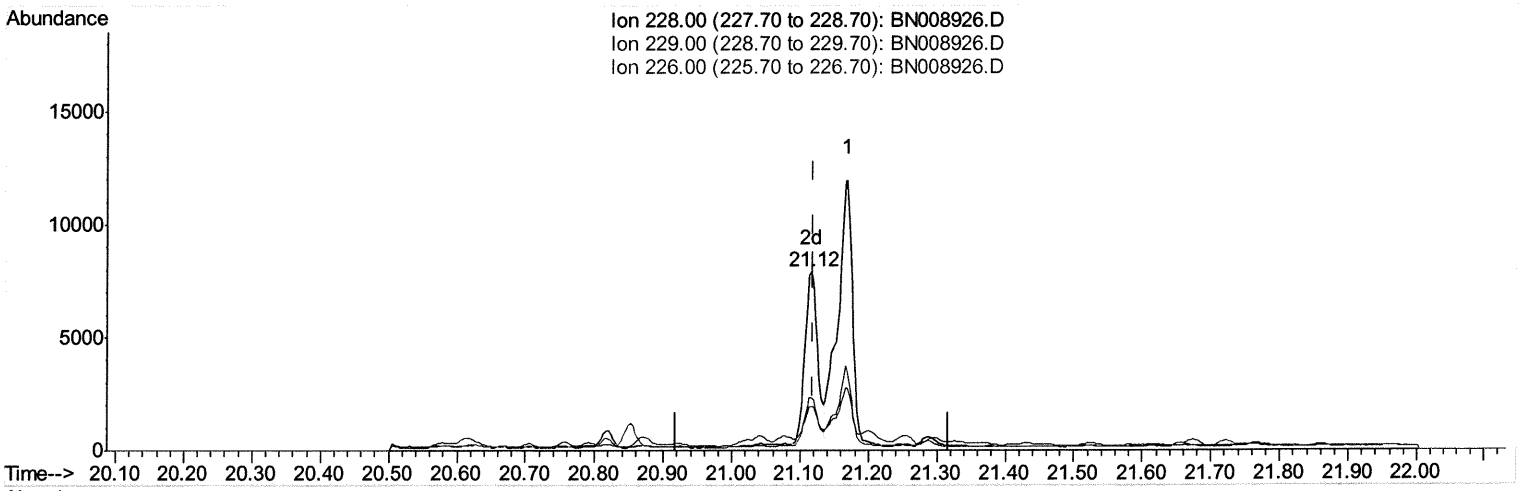
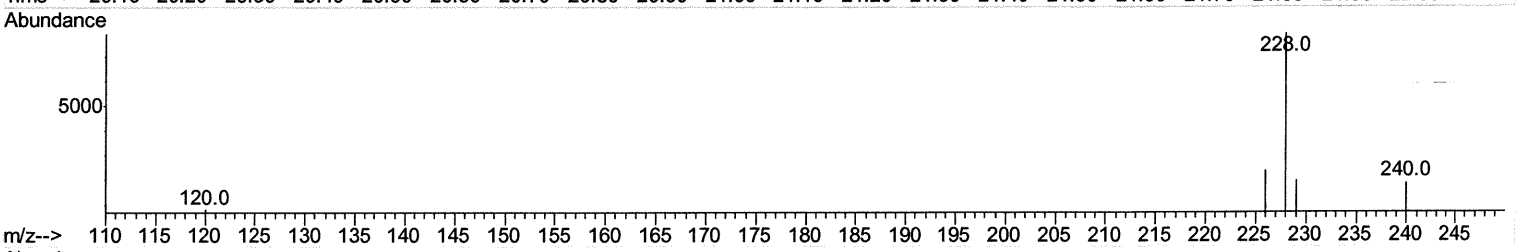
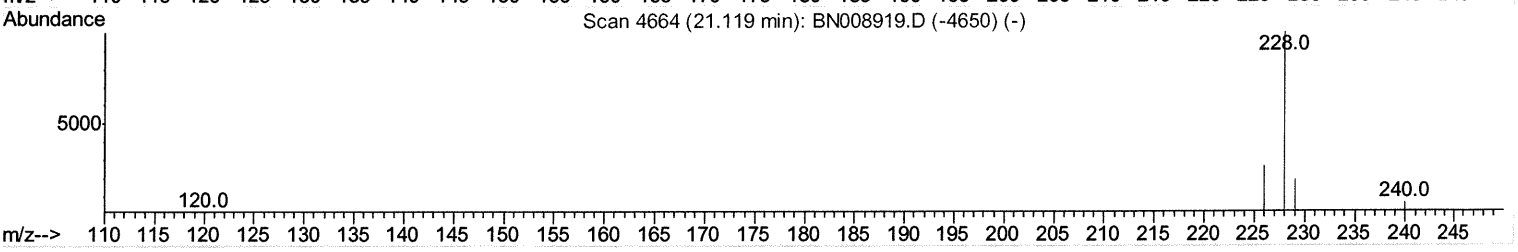
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM







TIC: BN008926.D

(18) Benzo(a)anthracene

21.116min (-0.002) 0.17ng/ul m JU 12/12/19

response 9772

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	24.88#
226.00	26.90	29.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 00:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
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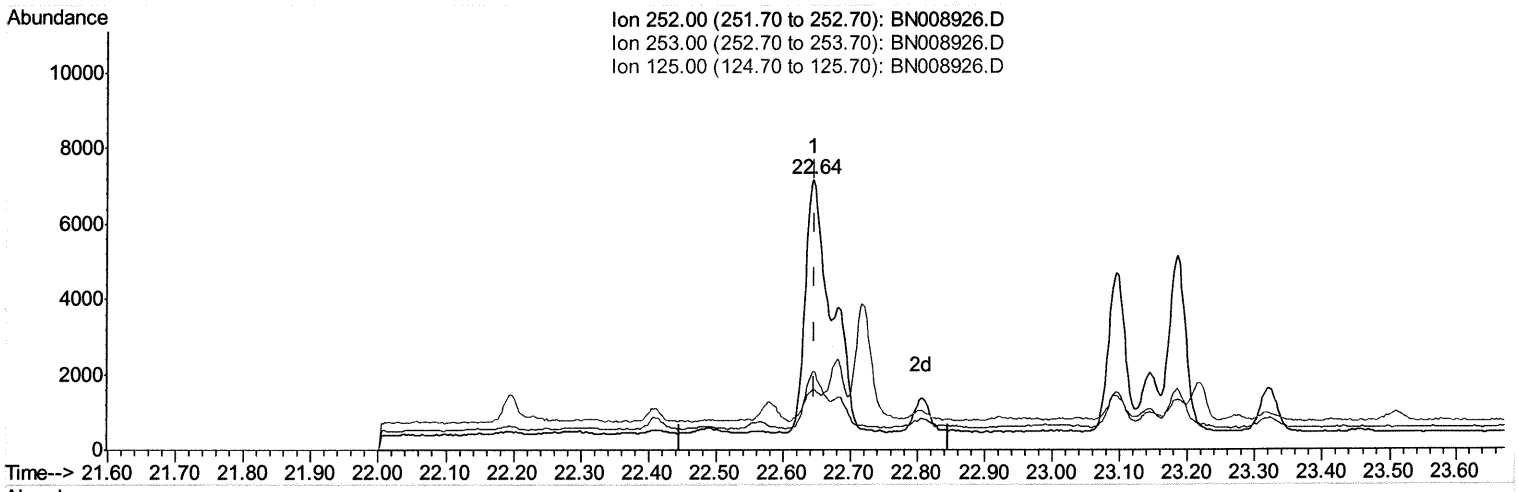
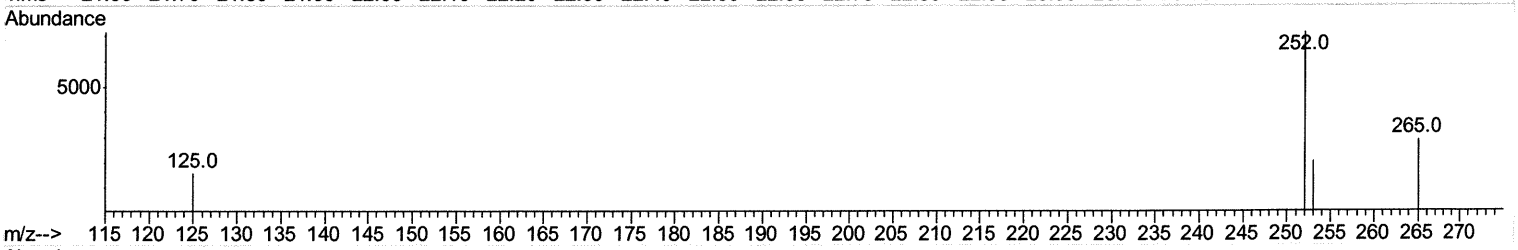
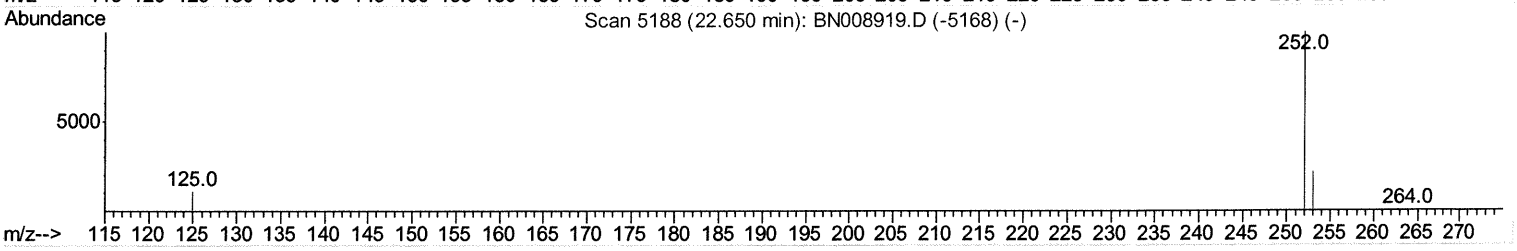
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM







TIC: BN008926.D

(21) Benzo(b)fluoranthene

22.644min (-0.002) 0.22ng/ul m JU 12/12/19

response 14071

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	29.18
125.00	15.80	22.51
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 00:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 11 10:35:08 2019
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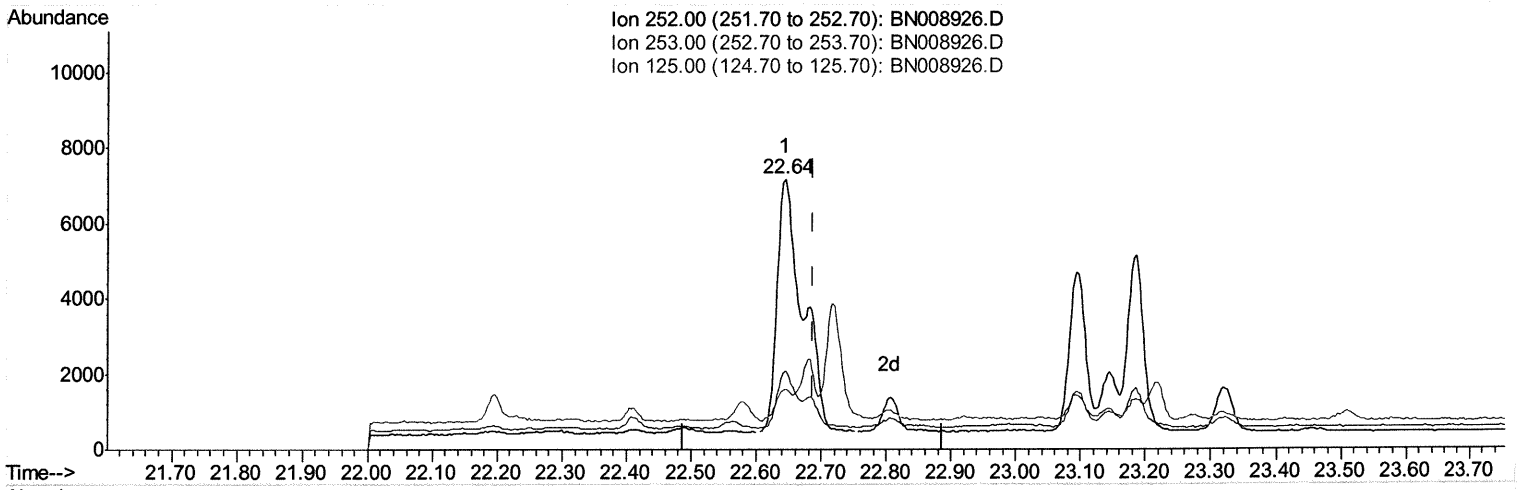
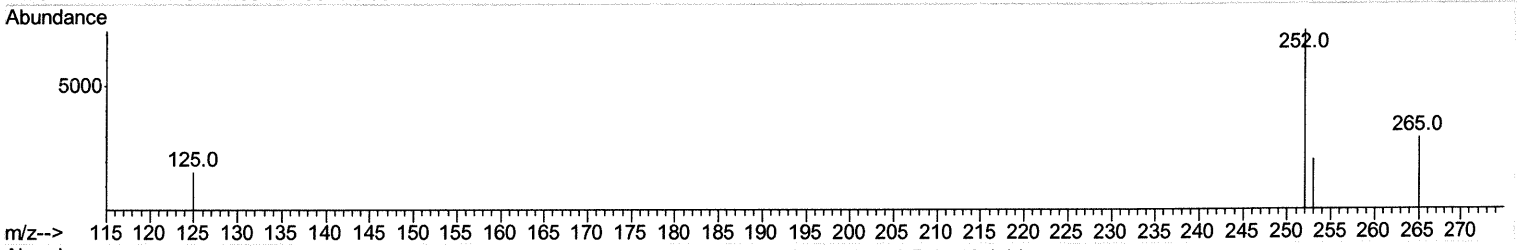
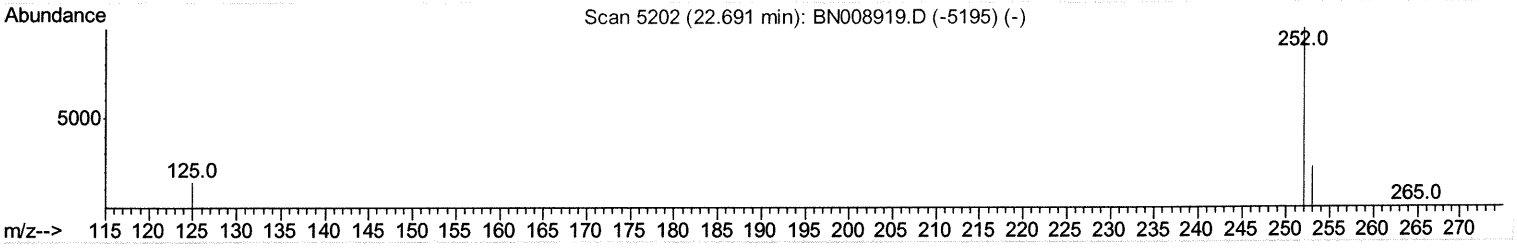
Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM





Scan 5202 (22.691 min): BN008919.D (-5195) (-)



TIC: BN008926.D

(22) Benzo(k)fluoranthene

22.644min (-0.043) 0.29ng/ul

response 18147

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	29.18
125.00	17.20	22.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 00:22:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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BNA_N
ClientSampleId :
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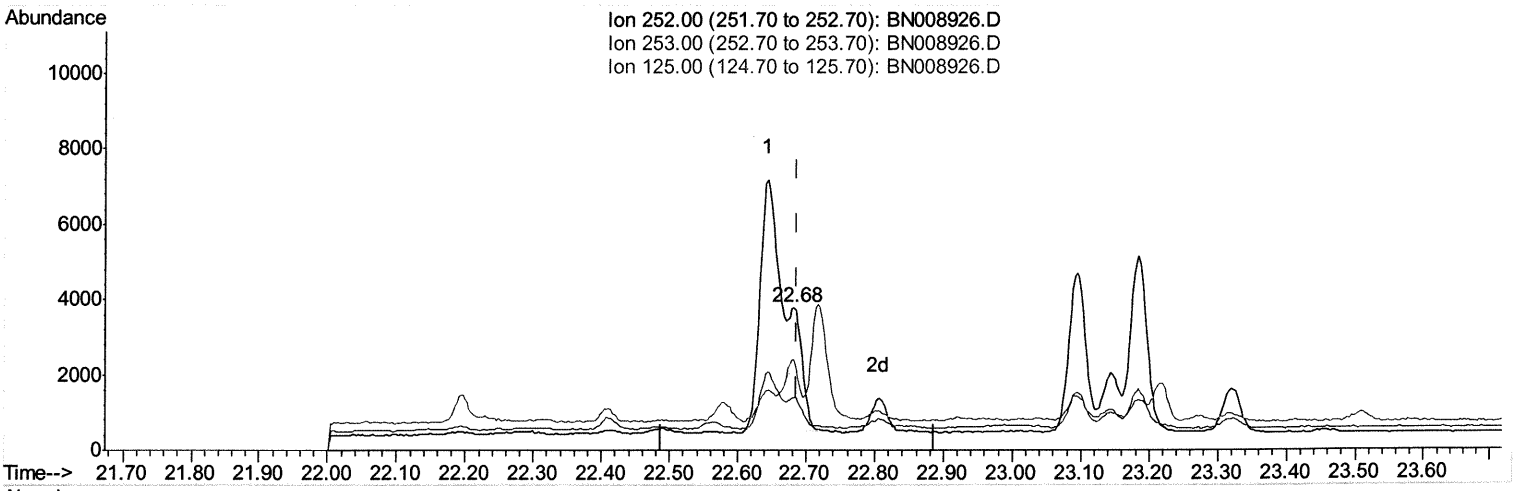
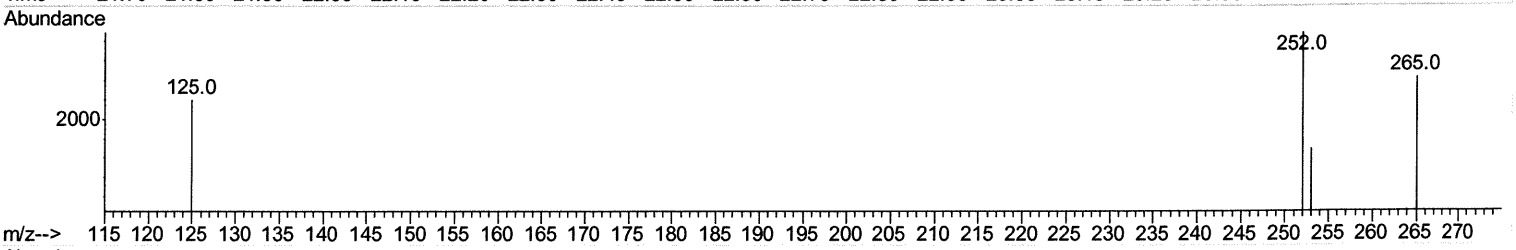
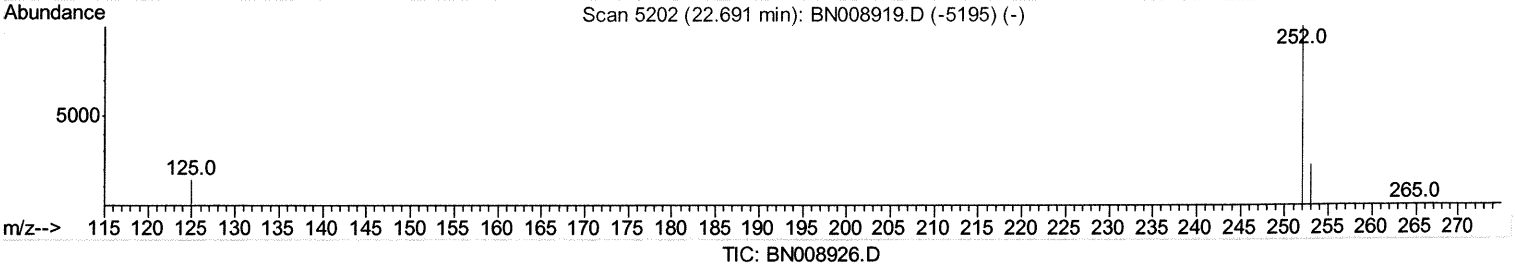
Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM







TIC: BN008926.D

(22) Benzo(k)fluoranthene

22.682min (-0.005) 0.07ng/ul m JU 12/12/19

response 4215

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	36.89#
125.00	17.20	63.40#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM

Quant Time: Dec 12 01:41:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2399	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6981	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16066	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14412	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15466	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3055	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9568	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	3869	0.122	ng/ul#	95
5) 2-Methylnaphthalene	11.98	142	7053	0.318	ng/ul	99
7) Acenaphthylene	13.90	152	1086	0.028	ng/ul#	77
9) Fluorene	15.24	166	1303	0.039	ng/ul#	84
11) Pentachlorophenol	16.59	266	147	0.024	ng/ul	97
12) Phenanthrene	16.97	178	29370	0.542	ng/ul	100
13) Anthracene	17.06	178	2113	0.041	ng/ul#	88
15) Fluoranthene	19.00	202	23443	0.352	ng/ul	99
17) Pyrene	19.36	202	21469	0.371	ng/ul	99
18) Benzo(a)anthracene	21.12	228	9772m >	0.169	ng/ul >	99 JU 12/12/19
19) Chrysene	21.17	228	17823	0.313	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	14071m }	0.221	ng/ul }	JU 12/12/19
22) Benzo(k)fluoranthene	22.68	252	4215m }	0.067	ng/ul }	
23) Benzo(a)pyrene	23.19	252	8063	0.135	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.38	276	5517	0.079	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.40	278	1480	0.026	ng/ul#	41
26) Benzo(g,h,i)perylene	26.02	276	5401	0.092	ng/ul	92

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