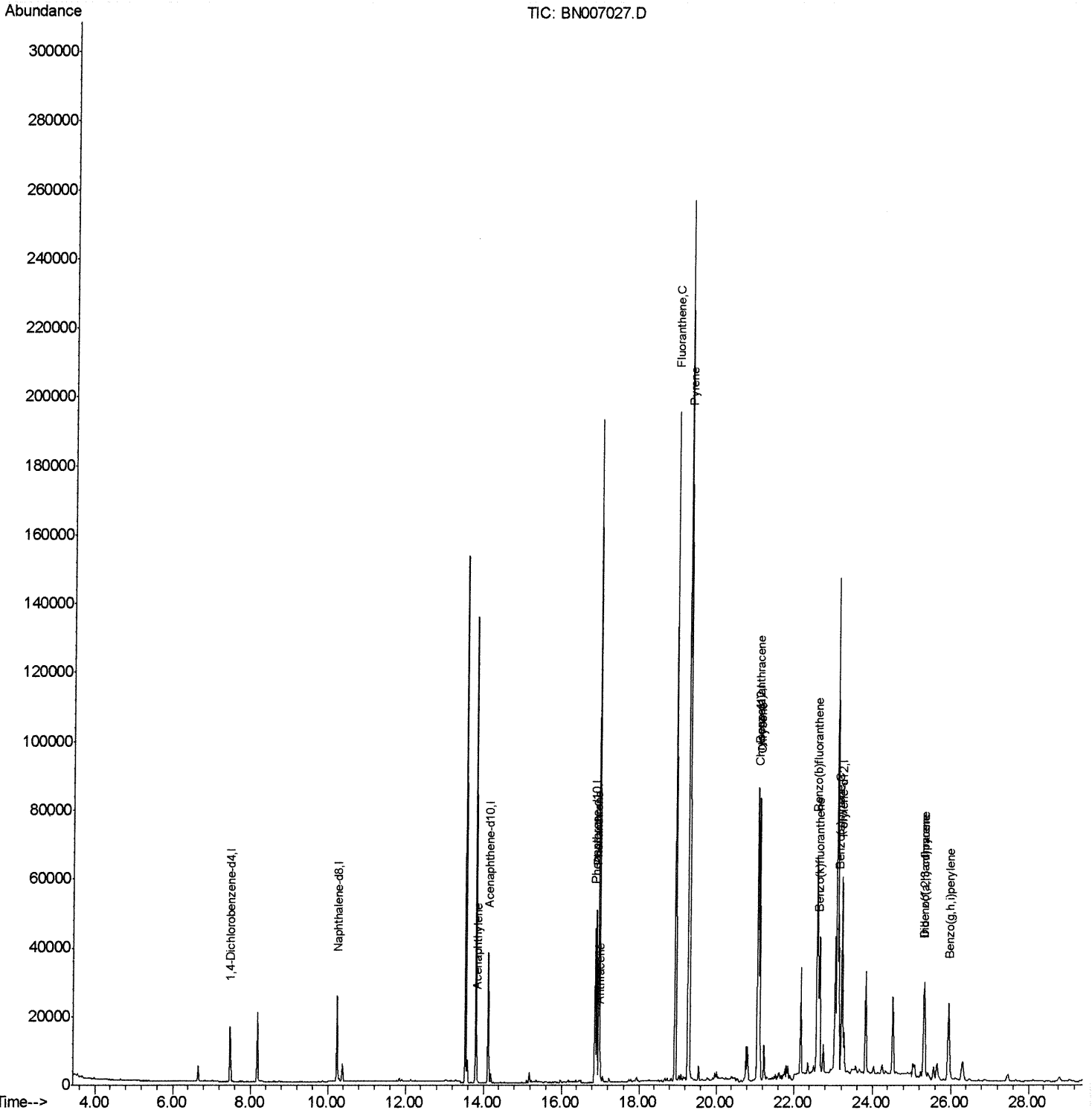


Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080719\  
 Data File : BN007027.D  
 Acq On : 08 Aug 2019 16:03  
 Operator : HP/JU  
 Sample : K3962-18DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 Client Sampled :  
 BENZ4DL

Manual Integrations  
**APPROVED**  
 mohammad  
 8/9/2019 6:17:06 AM

Quant Time: Aug 08 18:15:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration



Quantitation Report (Qedit)

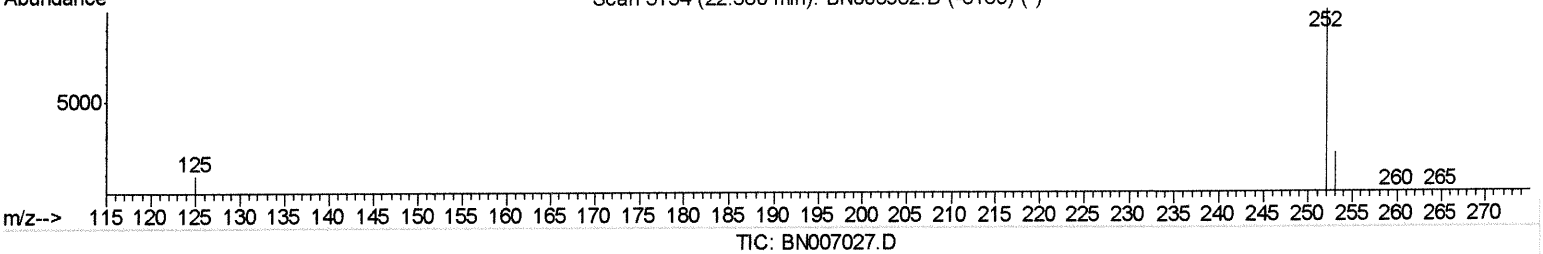
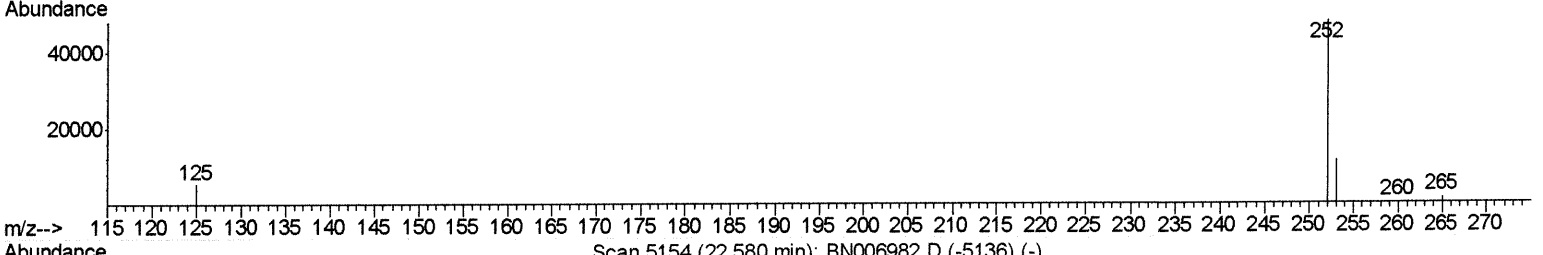
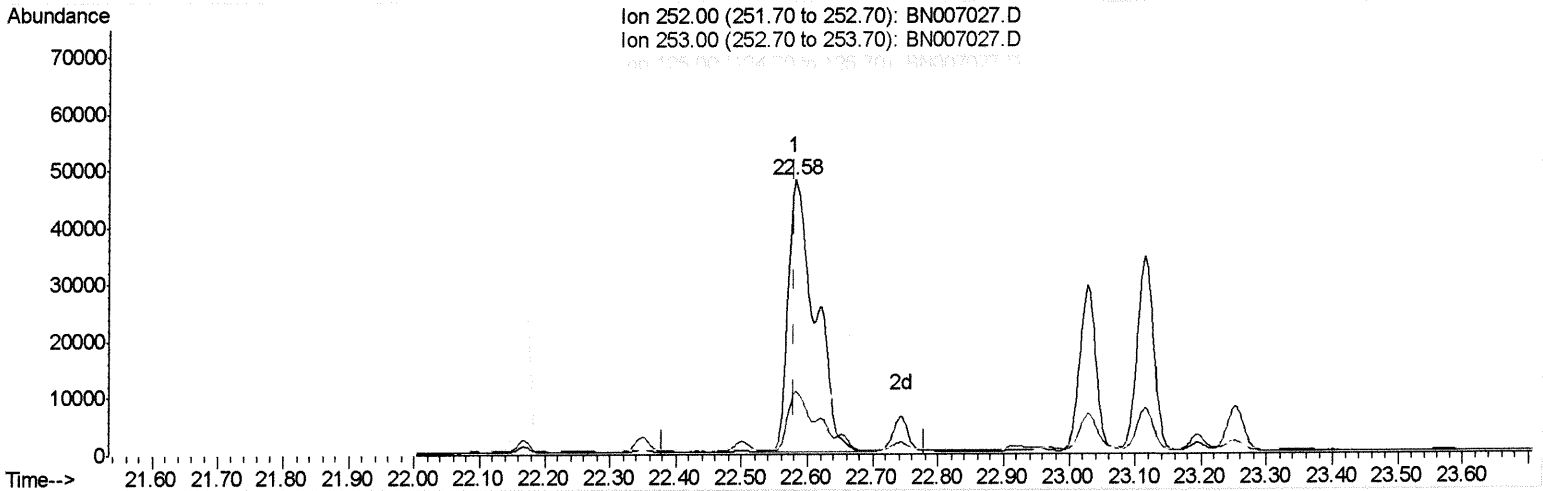
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 Data File : BN007027.D  
 Acq On : 08 Aug 2019 16:03  
 Operator : HP/JU  
 Sample : K3962-18DL 10X  
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Instrument :  
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Manual Integrations  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene  
 22.580min (-0.000) 0.97ng/ul  
 response 138387

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.26
125.00	11.10	11.15
0.00	0.00	0.00

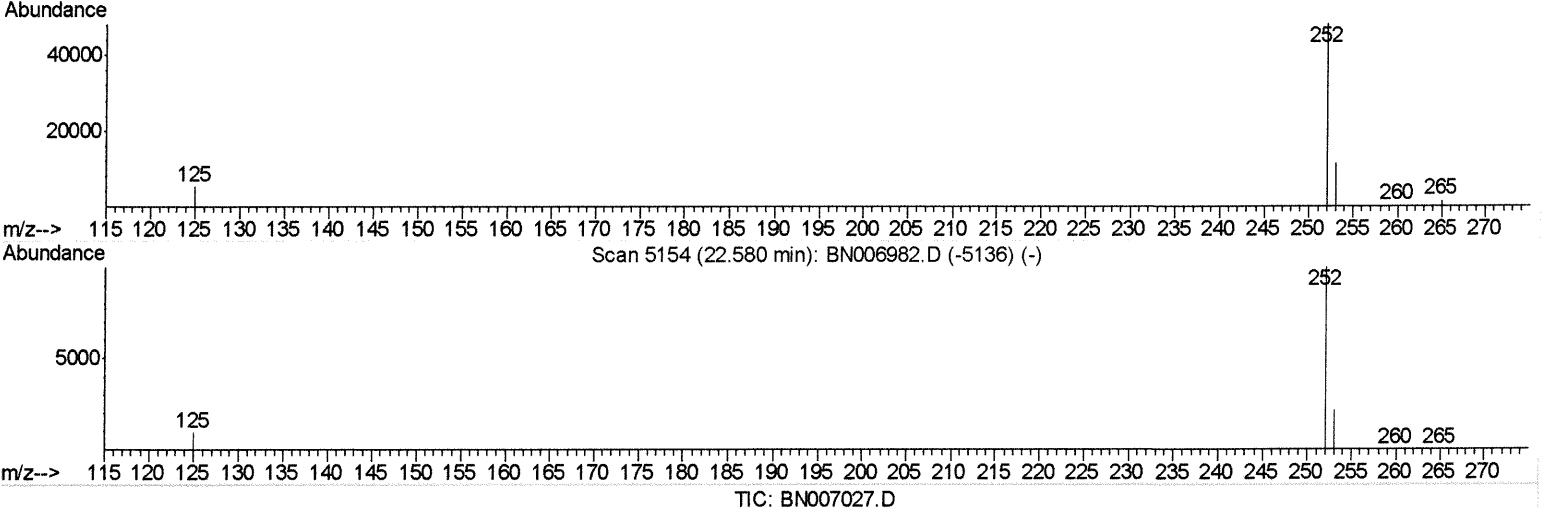
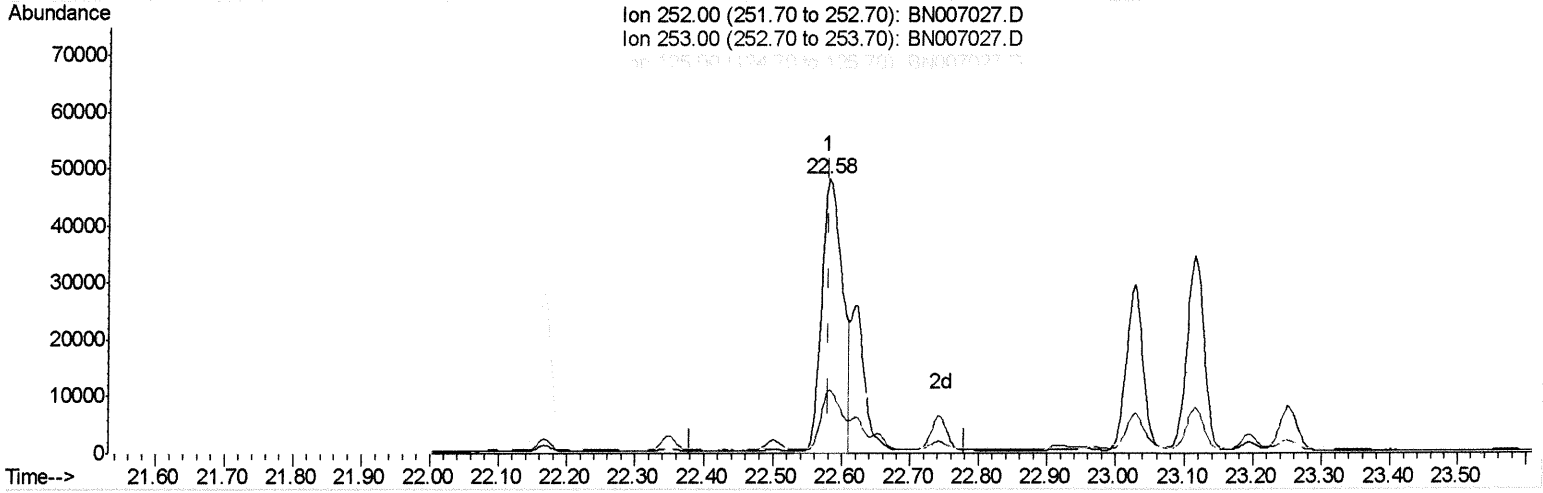
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080719\  
 Data File : BN007027.D  
 Acq On : 08 Aug 2019 16:03  
 Operator : HP/JU  
 Sample : K3962-18DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 BENZ4DL

Manual Integrations  
 APPROVED  
 mohammad  
 8/9/2019 6:17:06 AM

Quant Time: Aug 08 18:14:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.580min (-0.000) 0.72ng/ul m *JU 08/09/19*

response 102702

Ion	Exp%	Act%
252.00	100	100
253.00	22.60	23.26
125.00	11.10	11.15
0.00	0.00	0.00

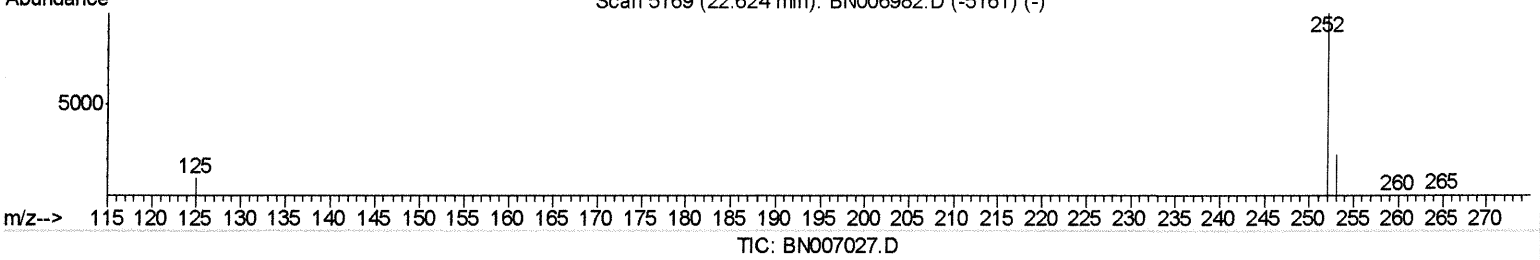
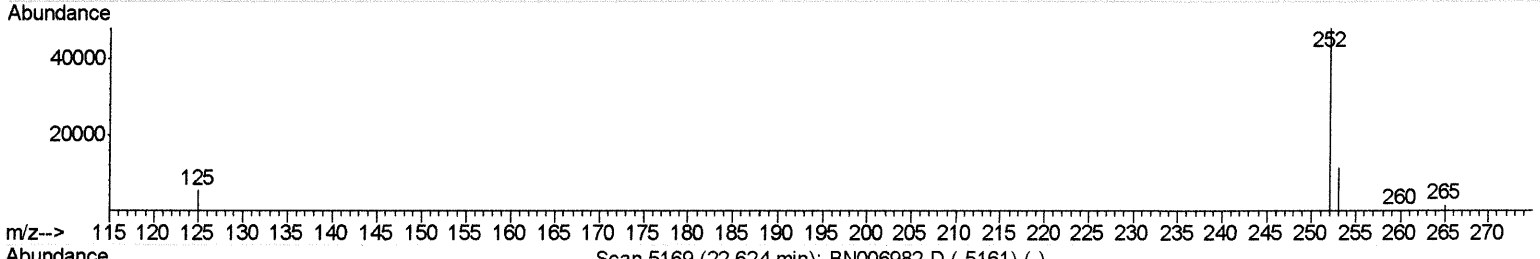
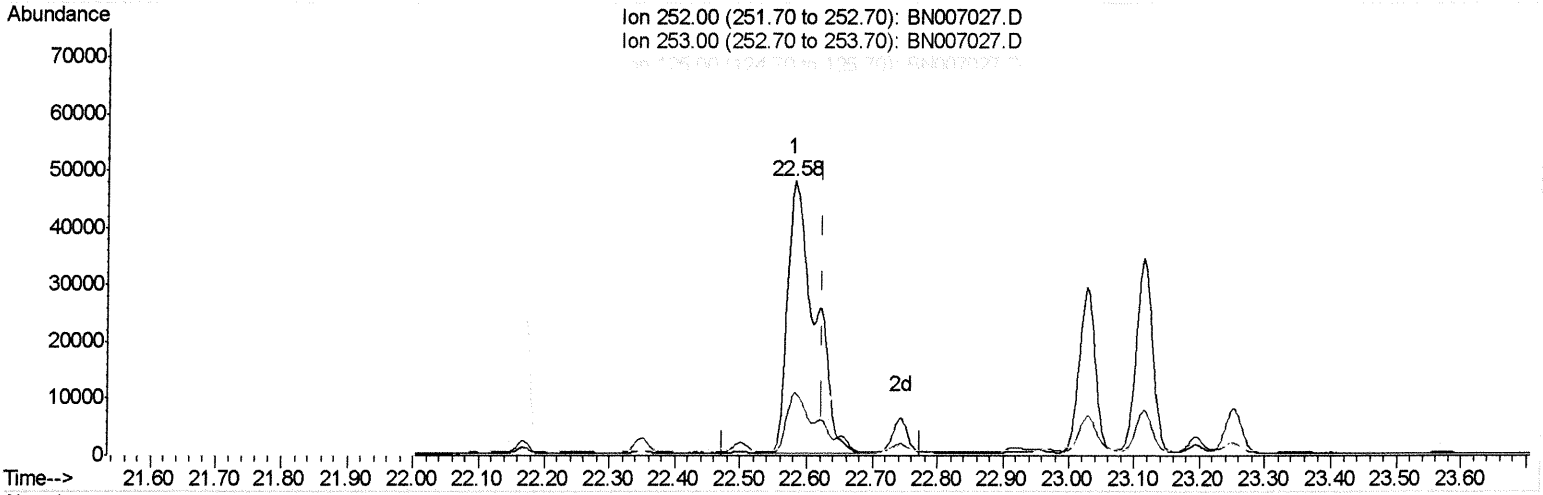
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080719\  
Data File : BN007027.D  
Acq On : 08 Aug 2019 16:03  
Operator : HP/JU  
Sample : K3962-18DL 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampled :  
BENZ4DL

Manual Integrations  
APPROVED  
mohammad  
8/9/2019 6:17:06 AM

Quant Time: Aug 08 18:14:08 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 07 17:30:08 2019  
Response via : Initial Calibration



(22) Benzo(k)fluoranthene  
22.580min (-0.044) 1.01ng/ul  
response 138387

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	23.26
125.00	10.90	11.15
0.00	0.00	0.00

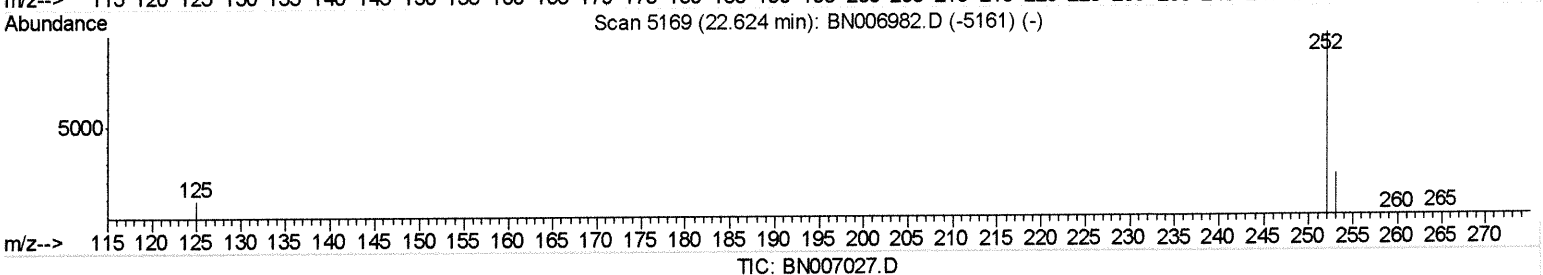
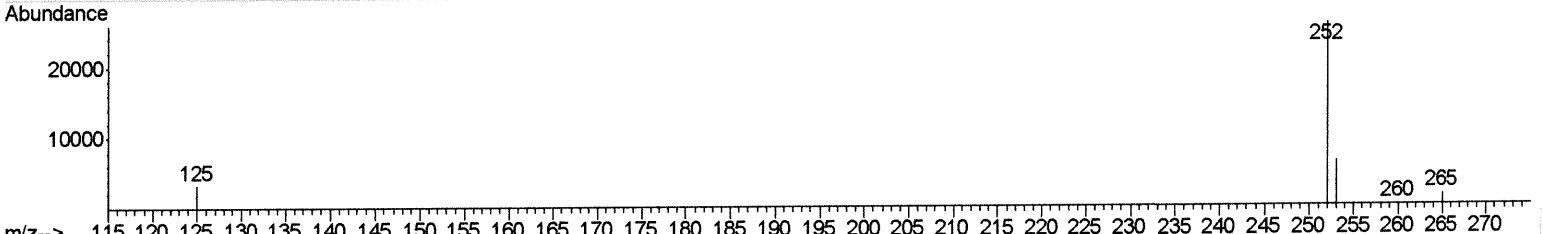
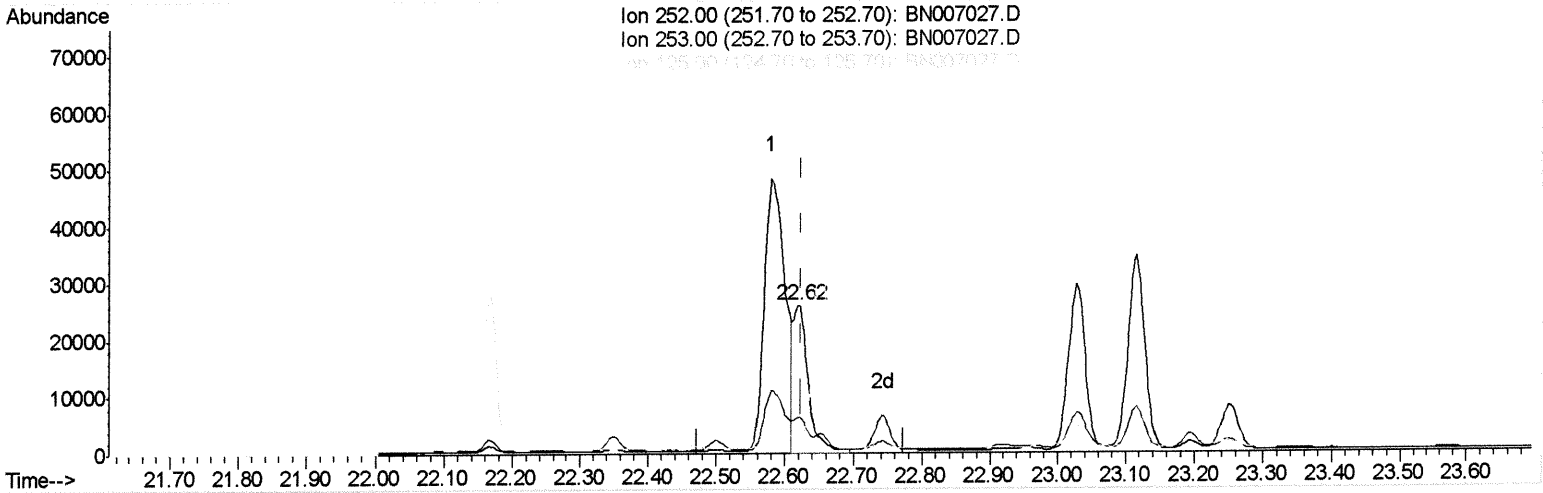
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080719\  
 Data File : BN007027.D  
 Acq On : 08 Aug 2019 16:03  
 Operator : HP/JU  
 Sample : K3962-18DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampled :  
 BENZ4DL

Manual Integrations  
**APPROVED**  
 mohammad  
 8/9/2019 6:17:06 AM

Quant Time: Aug 08 18:14:08 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene *JU*  
 22.621min (-0.003) 0.29ng/ul m *08/09/19*

response 39313

Ion	Exp%	Act%
252.00	100	100
253.00	23.30	24.65
125.00	10.90	13.06
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN080719\  
 Data File : BN007027.D  
 Acq On : 08 Aug 2019 16:03  
 Operator : HP/JU  
 Sample : K3962-18DL 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BENZ4DL

Manual Integrations  
**APPROVED**  
 mohammad  
 8/9/2019 6:17:06 AM

Quant Time: Aug 08 18:15:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-SIM-BN080719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 07 17:30:08 2019  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8034	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	32342	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	20256	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	51070	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	40523	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	35028	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	11.83	152	1122	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3104	0.02	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.83	152	2496	0.021	ng/ul#	92
12) Phenanthrene	16.90	178	51294	0.315	ng/ul	100
13) Anthracene	16.99	178	8119	0.049	ng/ul	97
15) Fluoranthene	18.93	202	169202	0.836	ng/ul	98
17) Pyrene	19.29	202	149865	0.828	ng/ul	99
18) Benzo(a)anthracene	21.06	228	66523	0.374	ng/ul	98
19) Chrysene	21.11	228	80685	0.484	ng/ul	97
21) Benzo(b)fluoranthene	22.58	252	102702m>	0.723	ng/ul	97
22) Benzo(k)fluoranthene	22.62	252	39313m>	0.286	ng/ul	97
23) Benzo(a)pyrene	23.12	252	58812	0.440	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.30	276	44077	0.306	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.32	278	10192	0.089	ng/ul#	41
26) Benzo(g,h,i)perylene	25.94	276	45596	0.377	ng/ul	99

*J008109117*

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