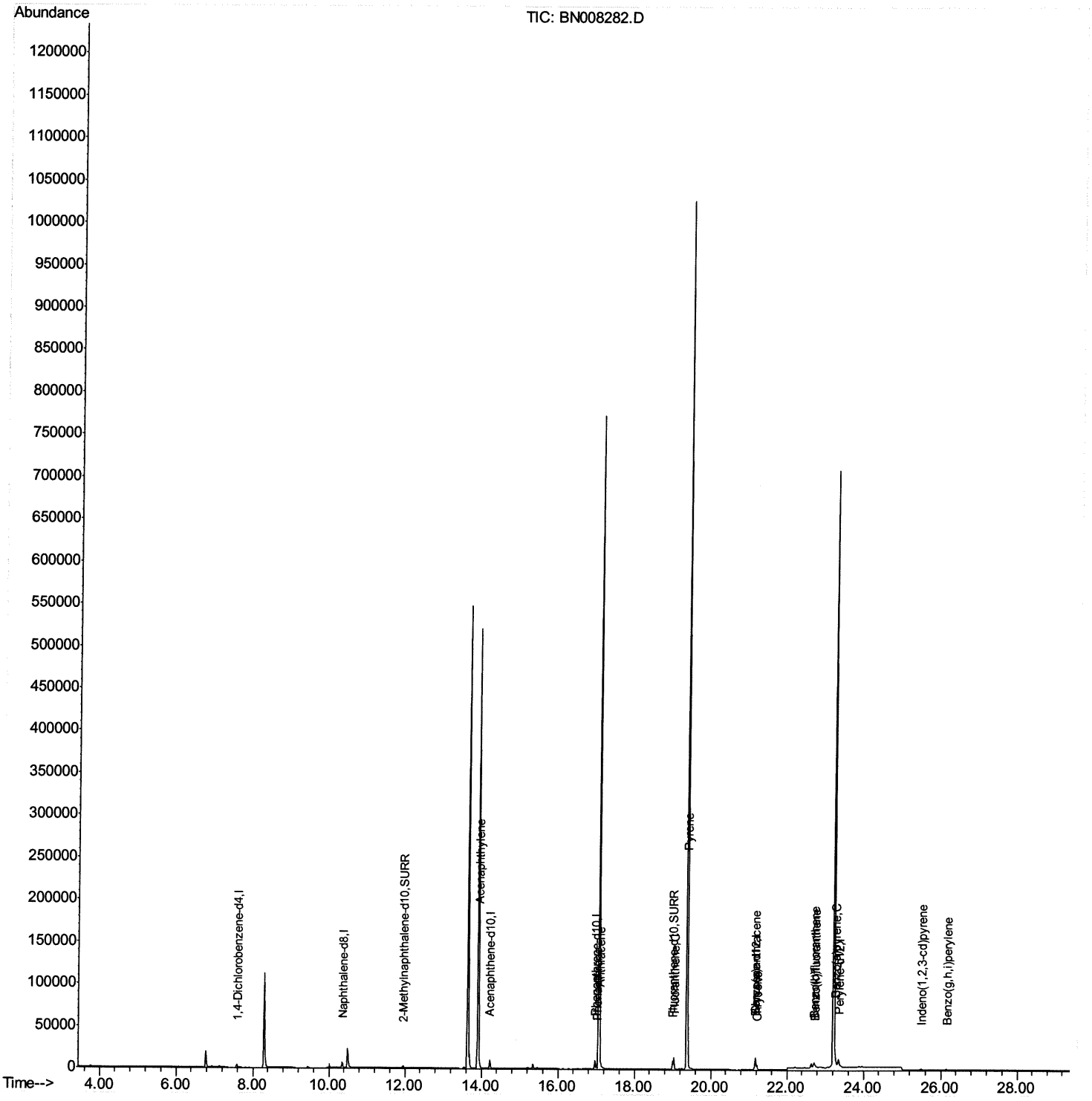
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:05:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:15 PM



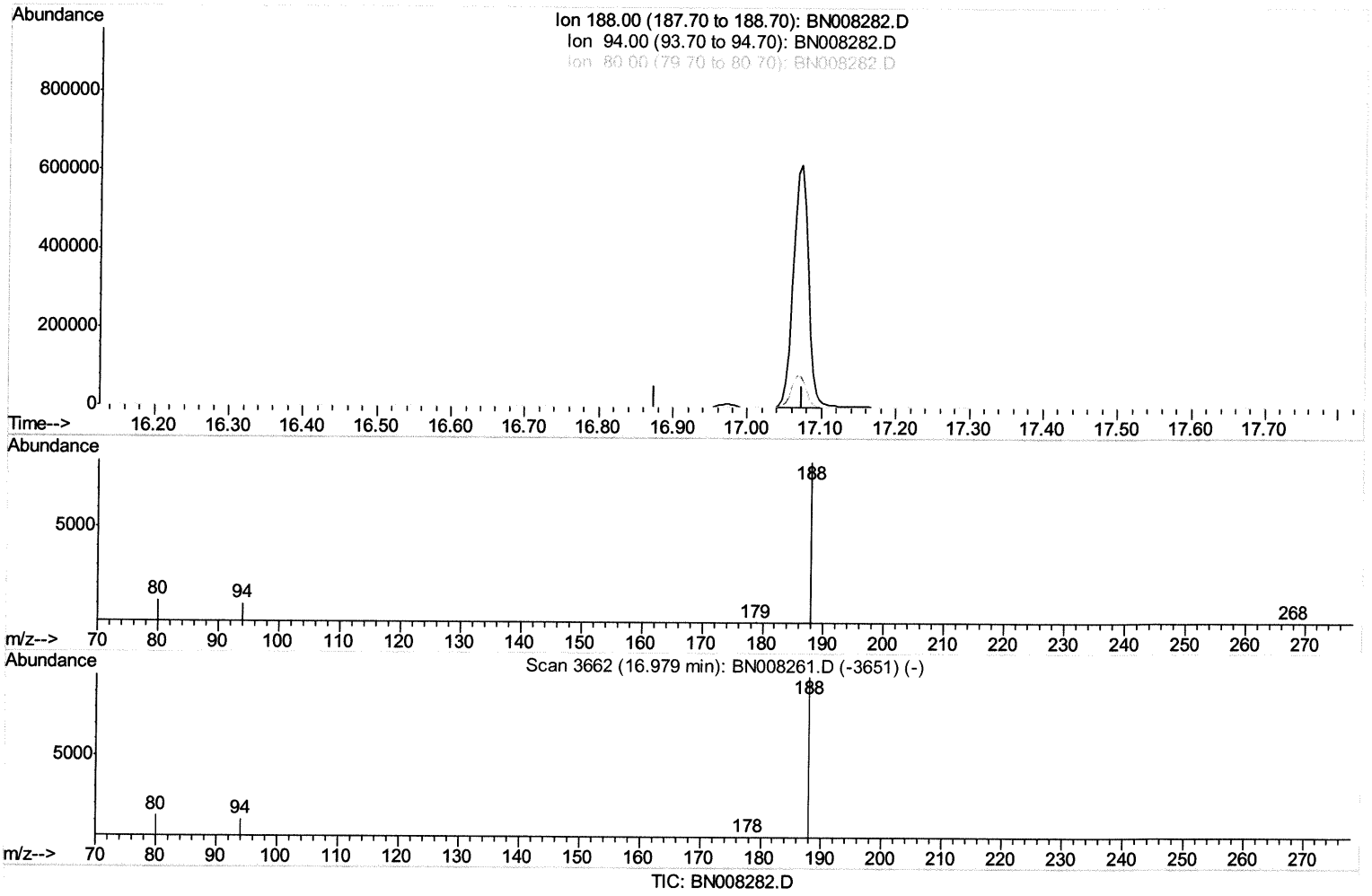
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:03:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:15 PM



TIC: BN008282.D

(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
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Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:03:54 2019
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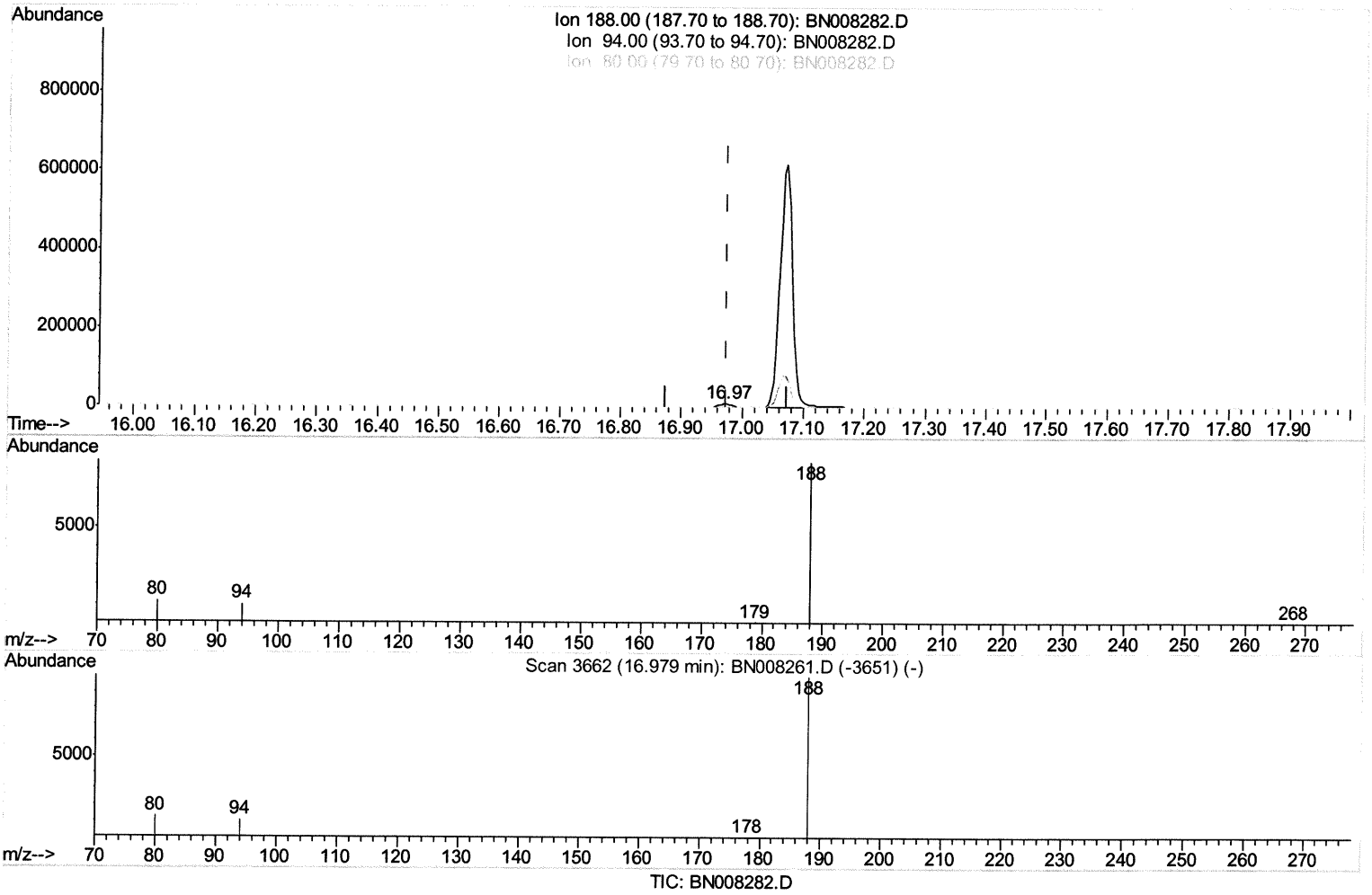
Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:15 PM



TIC: BN008282.D

(10) Phenanthrene-d10 (I)

16.975min (+0.000) 0.40ng/ul m JH 10.23.19

response 12463

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	11.48
80.00	12.60	13.78
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
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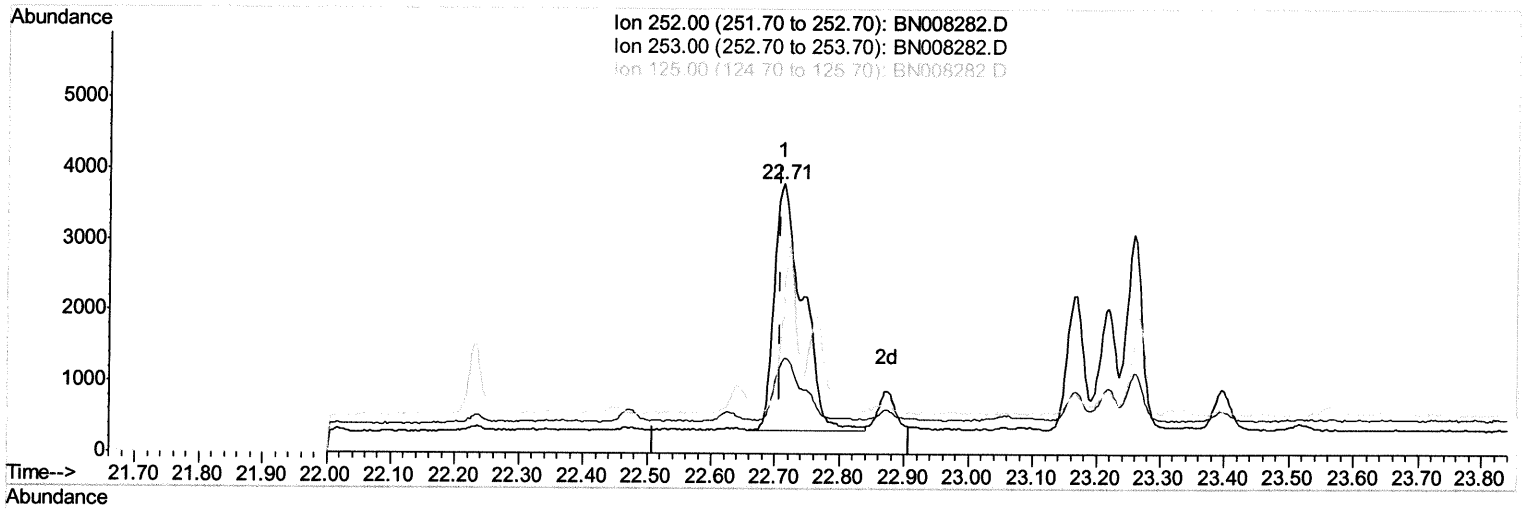
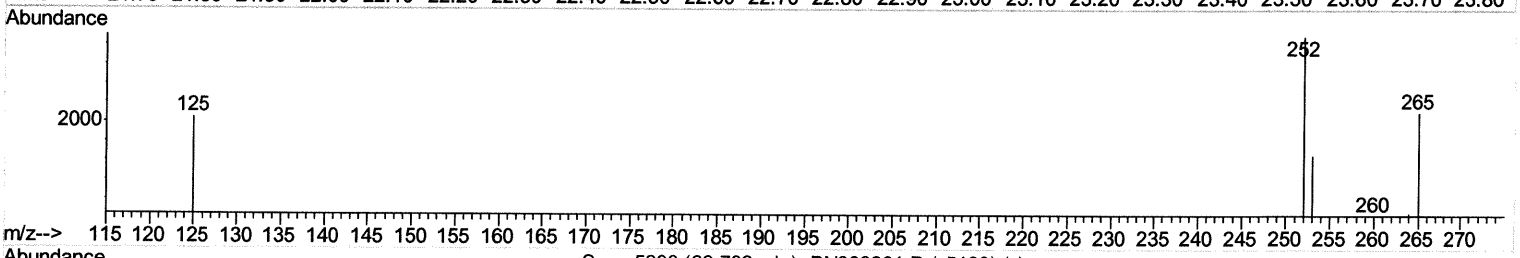
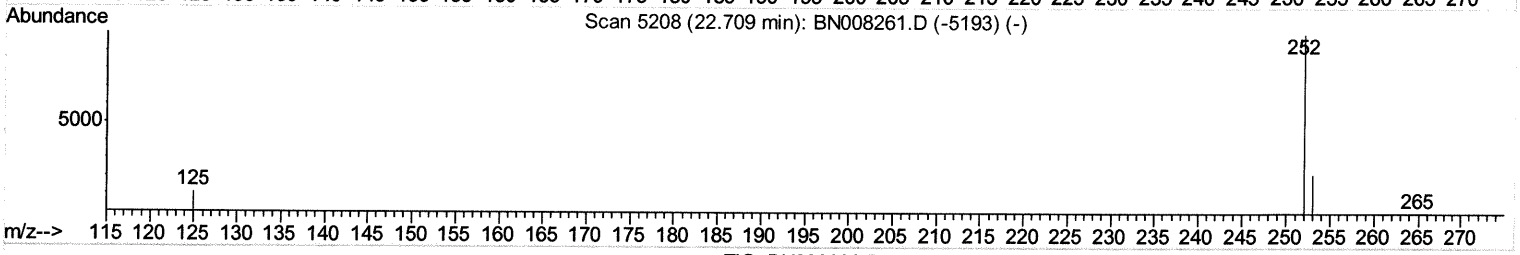






TIC: BN008282.D

(21) Benzo(b)fluoranthene

22.712min (+0.003) 0.23ng/ul

response 10535

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	35.12
125.00	16.20	55.06#
0.00	0.00	0.00

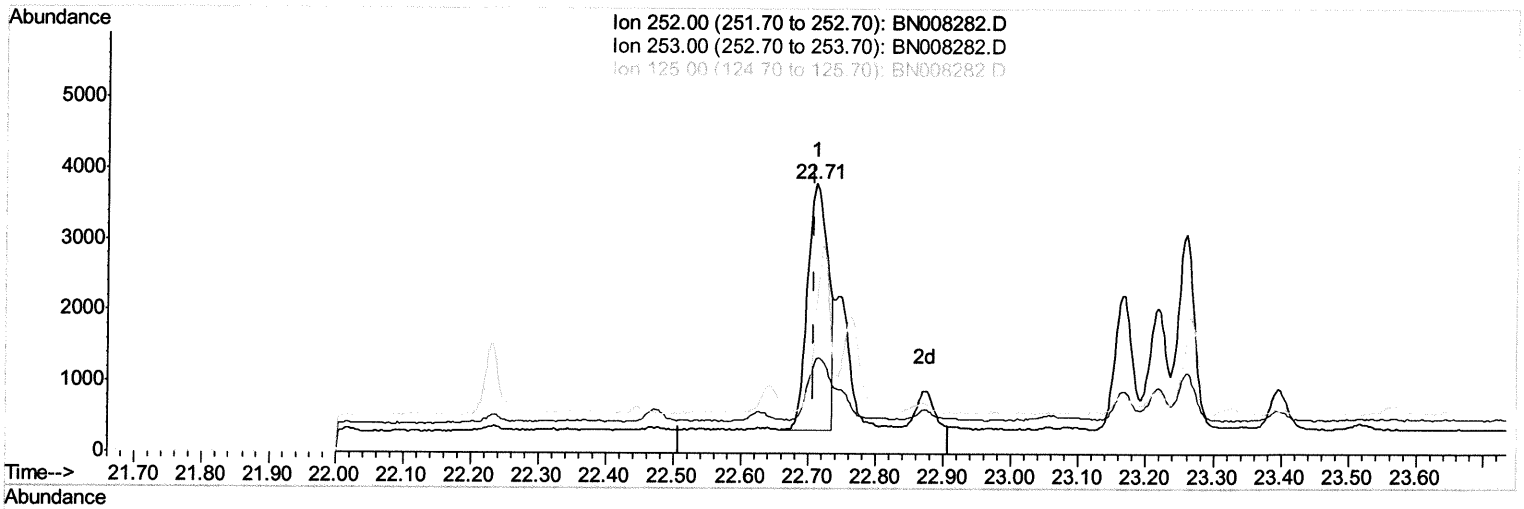
Quantitation Report (Qedit)

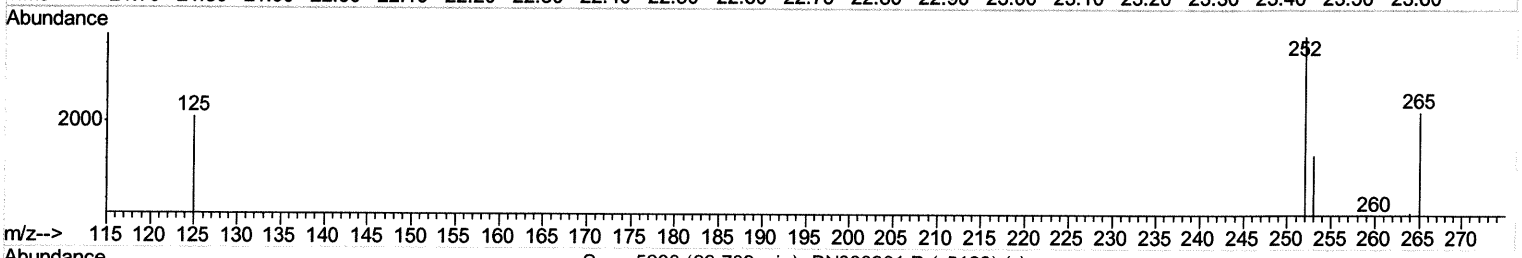
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

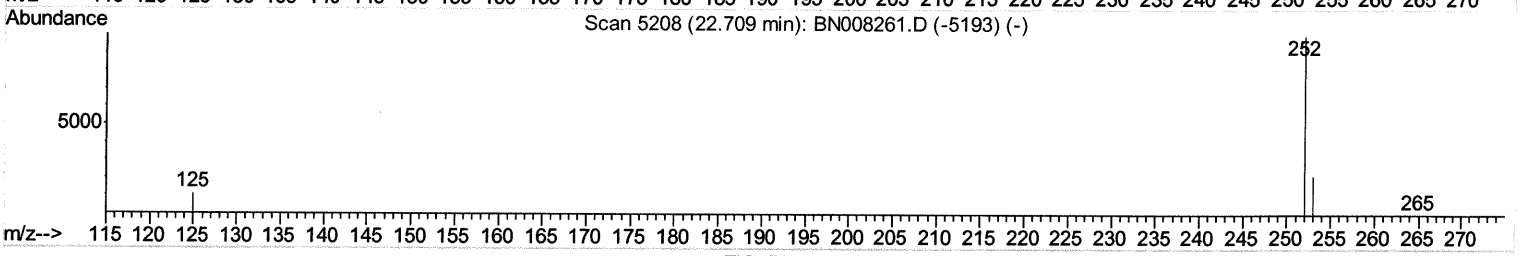
Quant Time: Oct 21 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
mohammad
10/22/2019 3:27:15 PM







TIC: BN008282.D

(21) Benzo(b)fluoranthene

22.712min (+0.003) 0.16ng/ul m JH 10.23.19

response 7391

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	35.12
125.00	16.20	55.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
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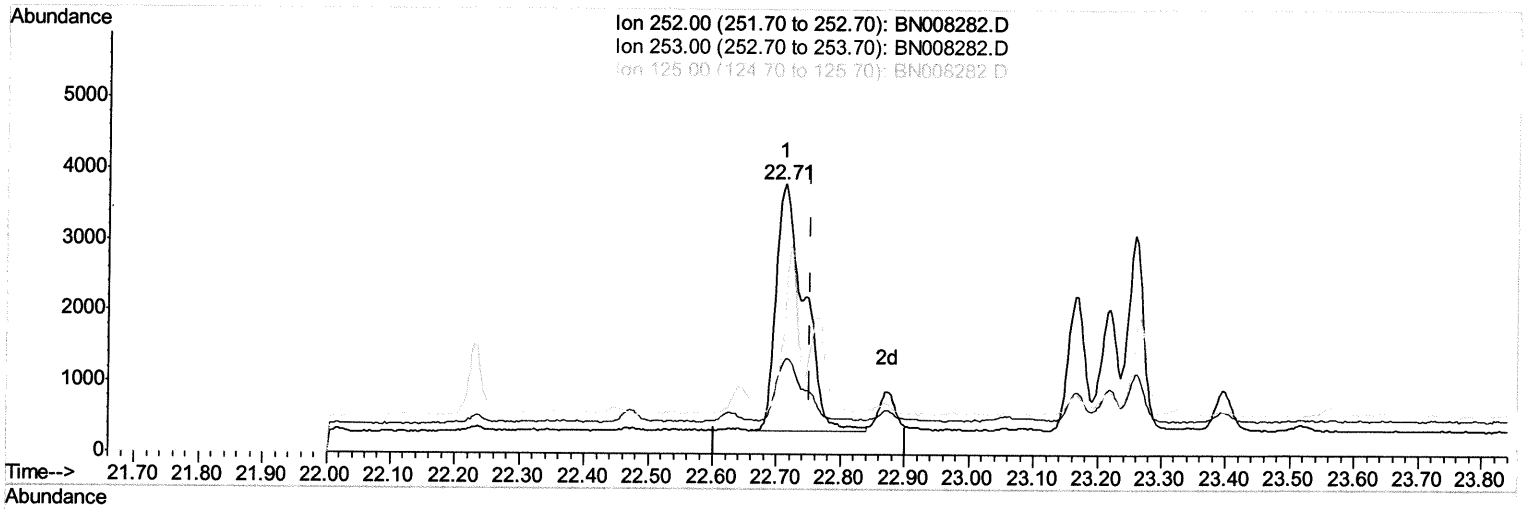

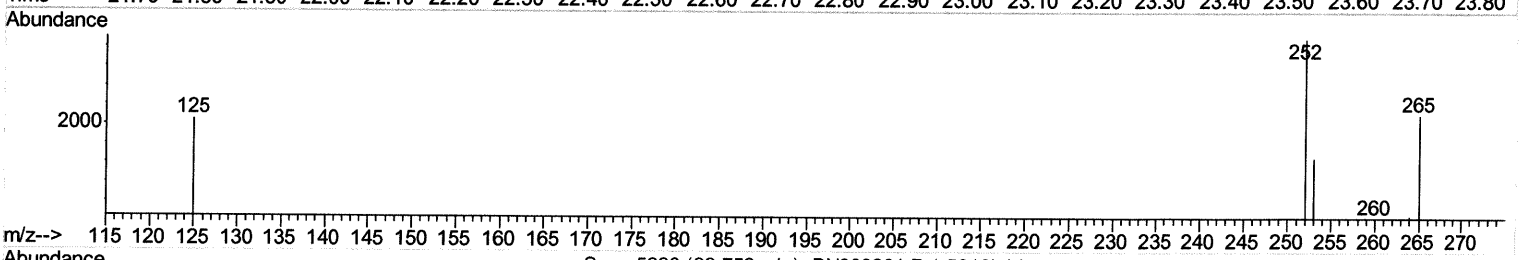

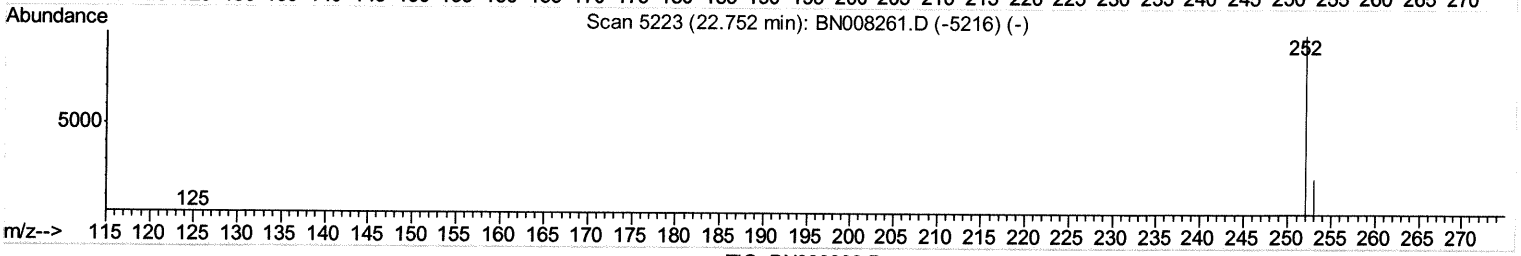

TIC: BN008282.D

(22) Benzo(k)fluoranthene

22.712min (-0.041) 0.20ng/ul

response 10535

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.12#
125.00	15.40	55.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:04:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP81

Manual Integrations APPROVED
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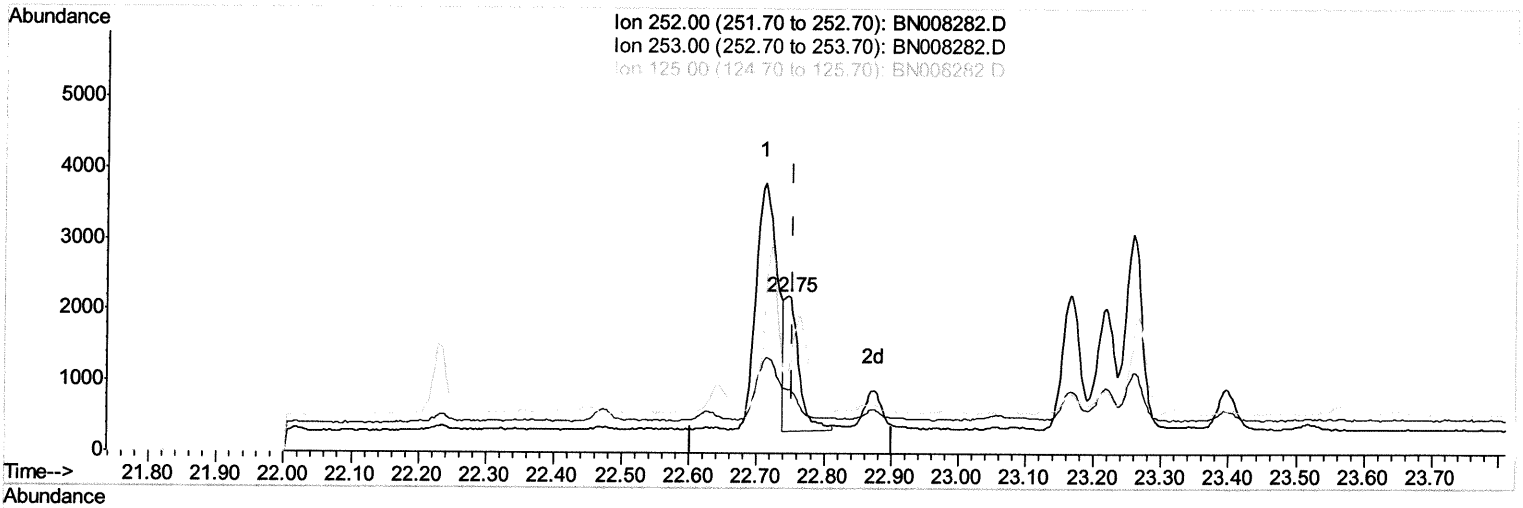

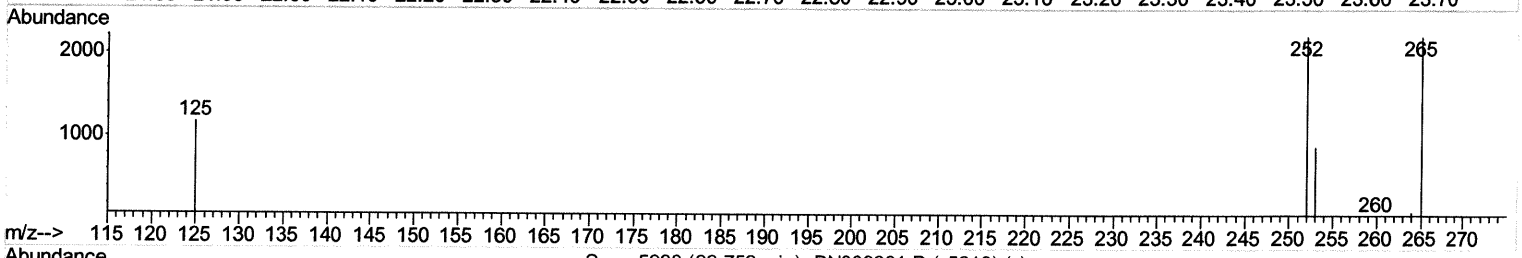

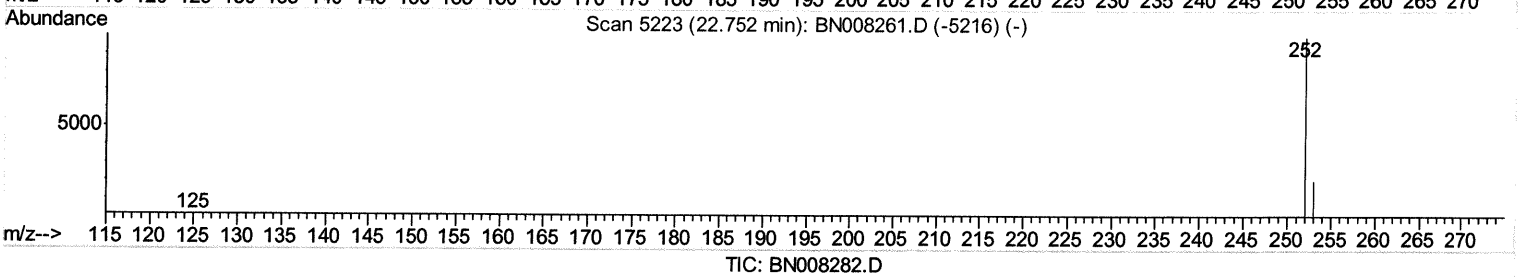

TIC: BN008282.D

(22) Benzo(k)fluoranthene

22.747min (-0.006) 0.05ng/ul m JH 10.23.19

response 2843

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	40.79#
125.00	15.40	53.03#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102119\
Data File : BN008282.D
Acq On : 21 Oct 2019 14:36
Operator : JU
Sample : K5199-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 21 16:05:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 15:18:52 2019
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Instrument : BNA_N
ClientSampleId : BEP81

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.59	152	1895	0.40	ng/ul	0.00	
2) Naphthalene-d8	10.35	136	9052	0.40	ng/ul	0.00	
6) Acenaphthene-d10	14.22	164	5613	0.40	ng/ul	0.00	
10) Phenanthrene-d10	16.97	188	12463m	0.40	ng/ul	0.00	JU 10.23.19
16) Chrysene-d12	21.18	240	12008	0.40	ng/ul	0.00	
20) Perylene-d12	23.35	264	14100	0.40	ng/ul	0.00	
System Monitoring Compounds							
4) 2-Methylnaphthalene-d10	11.95	152	4024	0.26	ng/ul	0.00	
14) Fluoranthene-d10	19.01	212	11637	0.27	ng/ul	0.00	
Target Compounds						Qvalue	
7) Acenaphthylene	13.94	152	544	0.020	ng/ul#	66	
12) Phenanthrene	17.01	178	5205	0.143	ng/ul	98	
13) Anthracene	17.10	178	1037	0.032	ng/ul#	82	
15) Fluoranthene	19.04	202	11834	0.246	ng/ul	95	
17) Pyrene	19.40	202	11040	0.231	ng/ul#	91	
18) Benzo(a)anthracene	21.16	228	4689	0.107	ng/ul	95	
19) Chrysene	21.22	228	5973	0.111	ng/ul	96	
21) Benzo(b)fluoranthene	22.71	252	7391m	0.161	ng/ul	3	JU 10.23.19
22) Benzo(k)fluoranthene	22.75	252	2843m	0.055	ng/ul		
23) Benzo(a)pyrene	23.26	252	4651	0.096	ng/ul#	64	
24) Indeno(1,2,3-cd)pyrene	25.51	276	2788	0.049	ng/ul#	83	
26) Benzo(g,h,i)perylene	26.16	276	2513	0.048	ng/ul#	80	

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