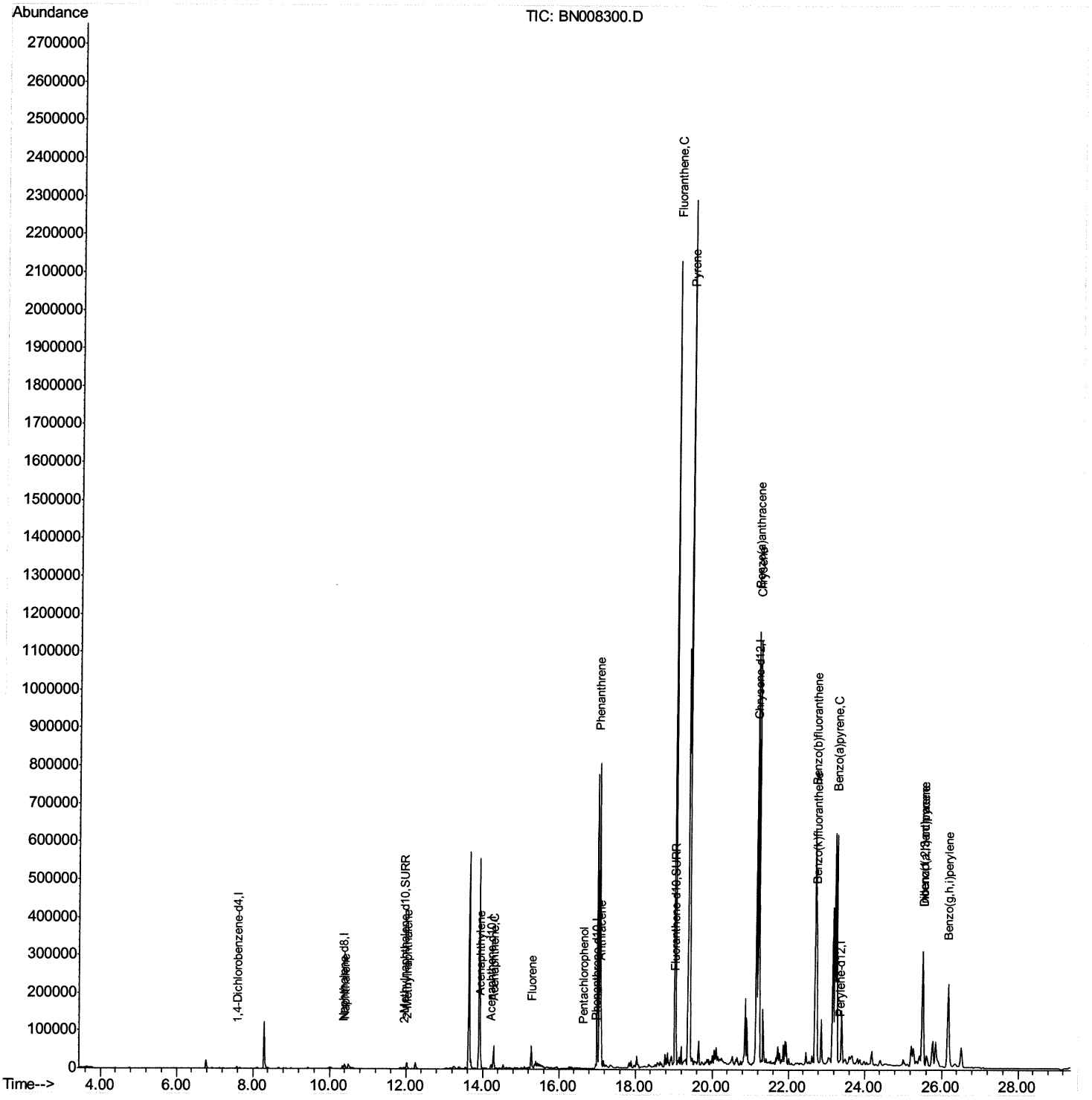
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 03:52:04 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 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM



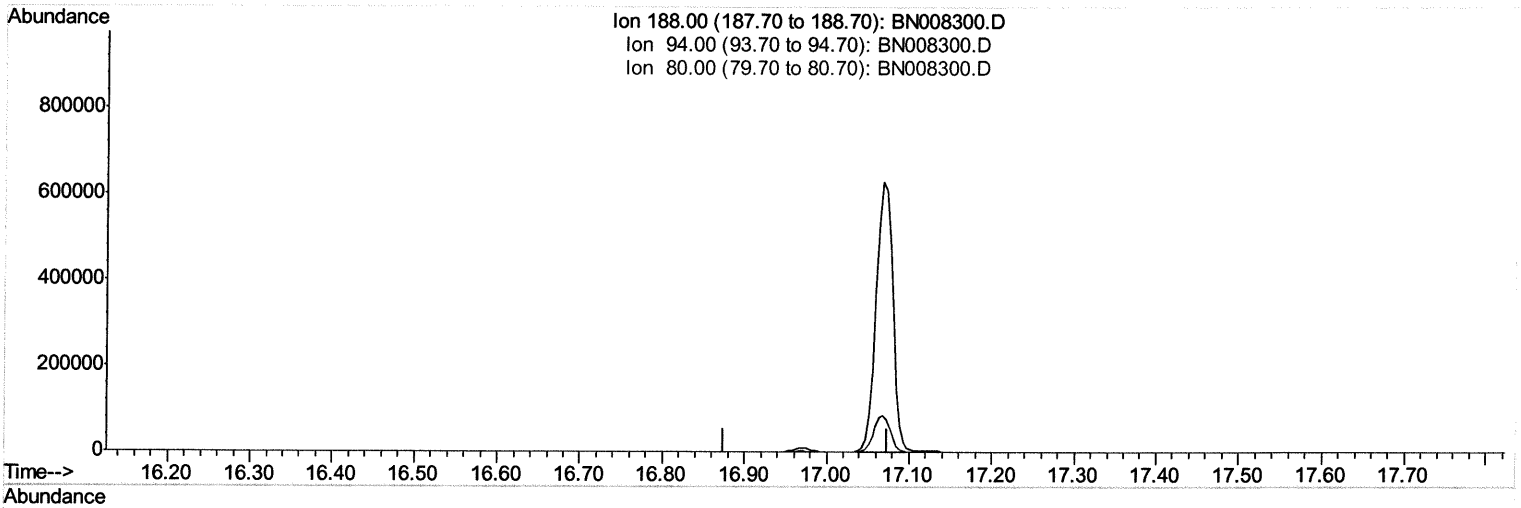
Quantitation Report (Qedit)

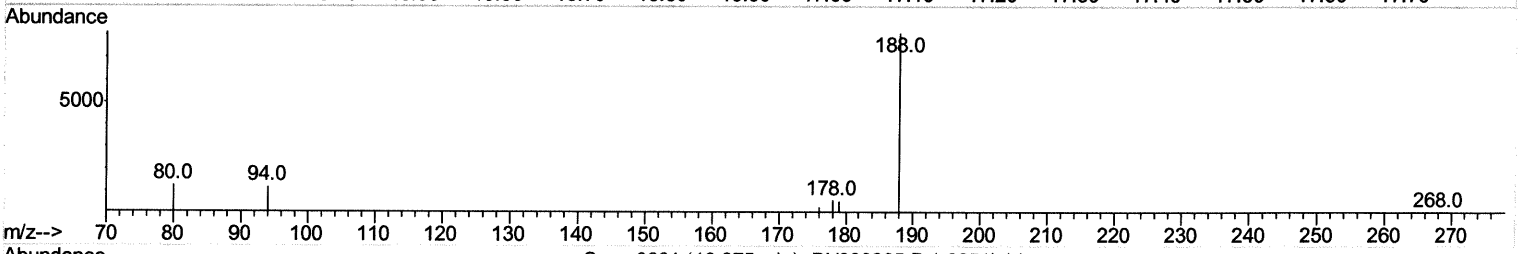
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

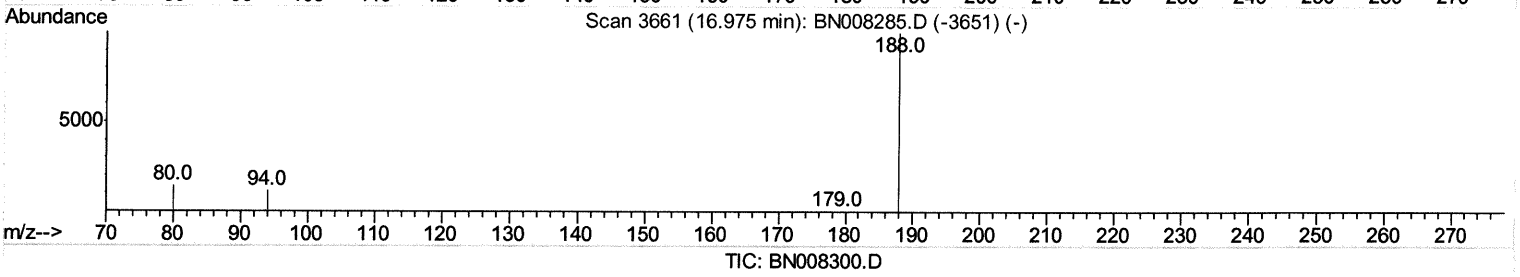
Quant Time: Oct 22 03:45:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM







(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\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
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Quant Time: Oct 22 03:45:00 2019
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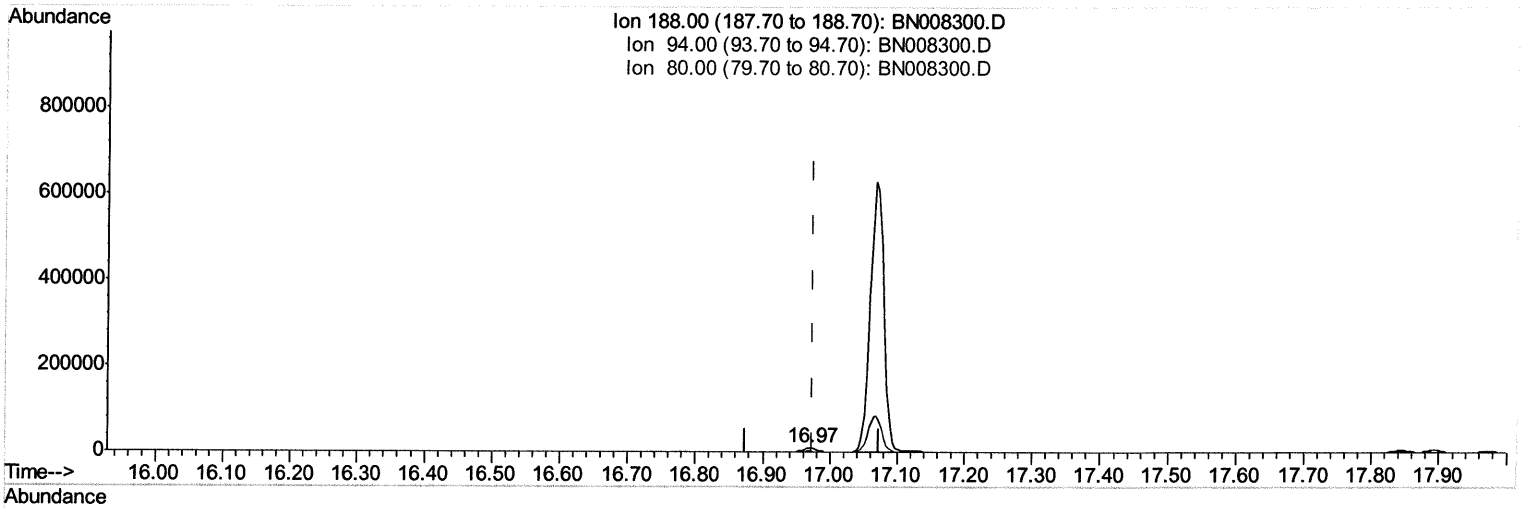
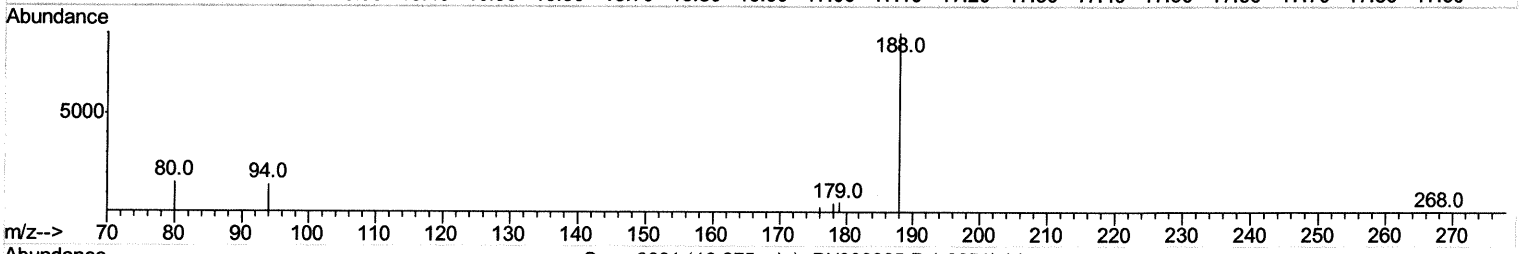
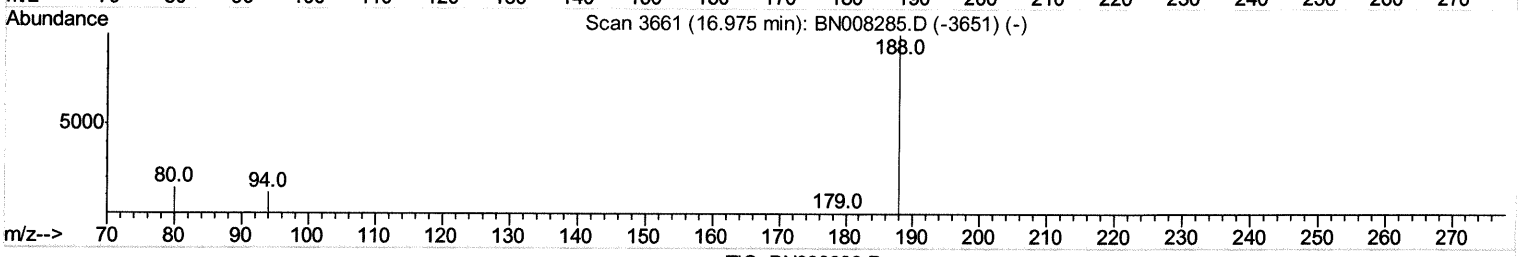
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM







TIC: BN008300.D

(10) Phenanthrene-d10 (I)

16.971min (-0.004) 0.40ng/ul m JH 10.23.19

response 12464

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	15.79#
80.00	12.60	17.10#
0.00	0.00	0.00

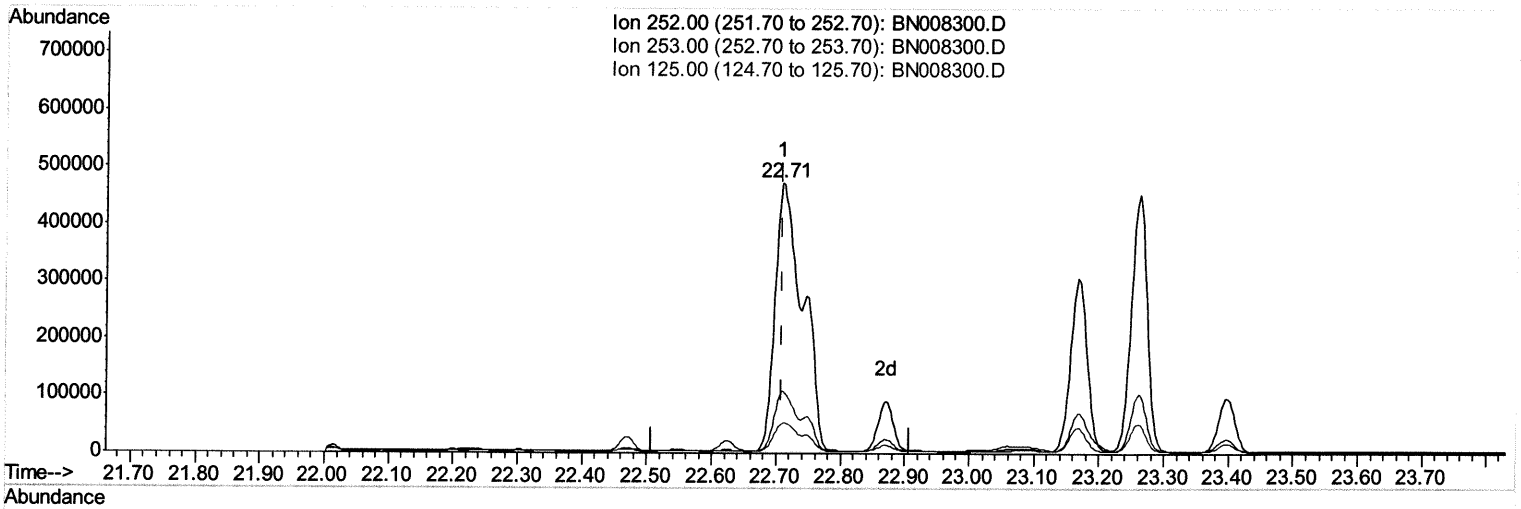
Quantitation Report (Qedit)

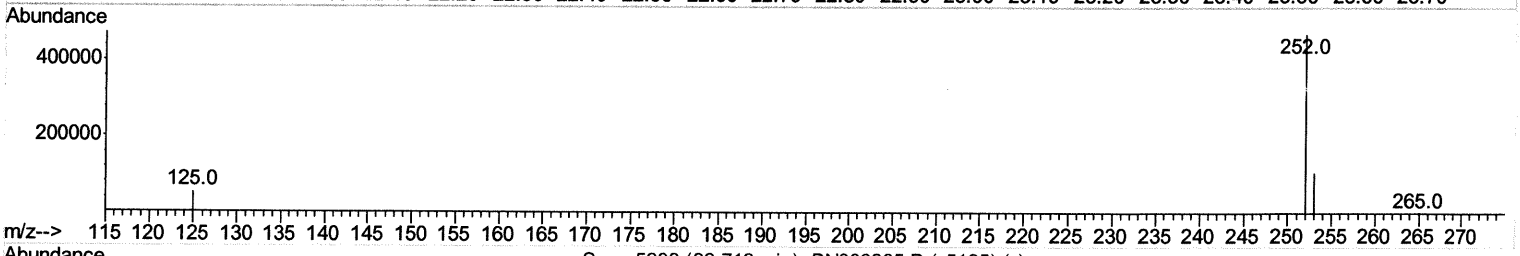
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

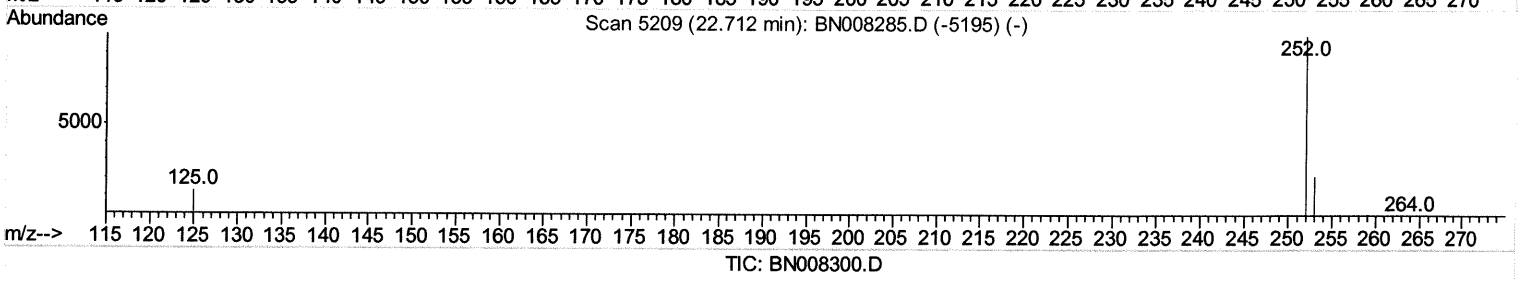
Quant Time: Oct 22 03:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM







TIC: BN008300.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 44.52ng/ul

response 1402136

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.99
125.00	16.20	11.12
0.00	0.00	0.00

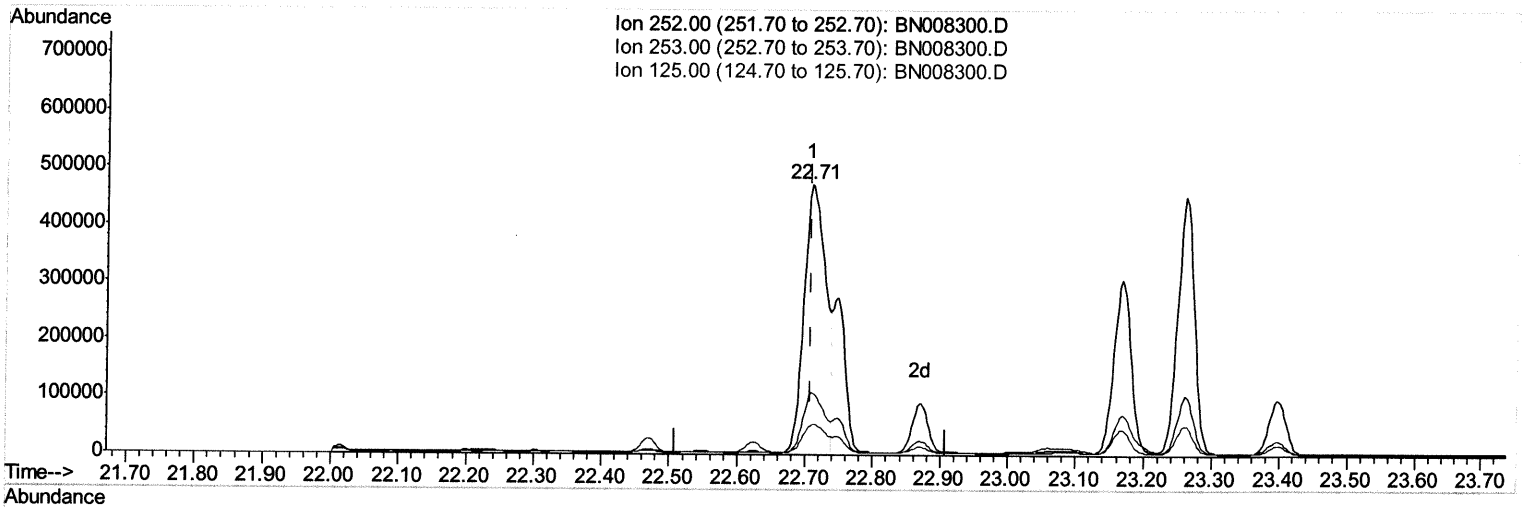
Quantitation Report (Qedit)

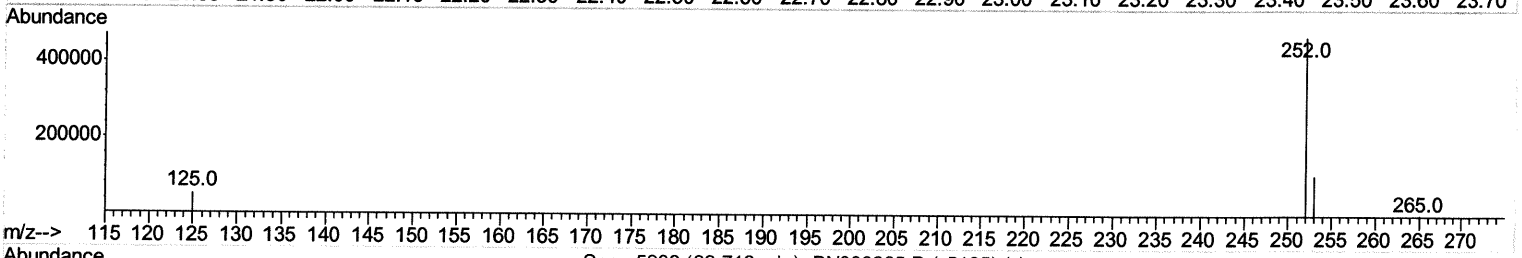
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

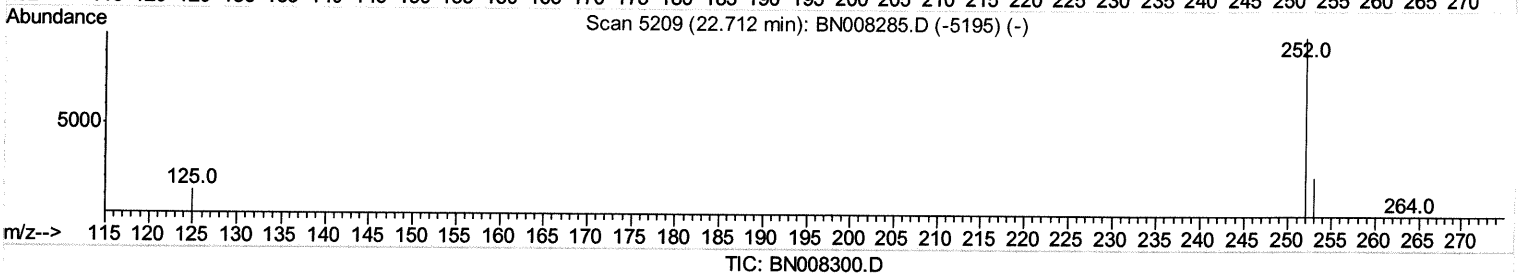
Quant Time: Oct 22 03:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM







TIC: BN008300.D

(21) Benzo(b)fluoranthene

22.709min (+0.000) 33.16ng/ul m JH 10.23.19

response 1044433

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	22.99
125.00	16.20	11.12
0.00	0.00	0.00

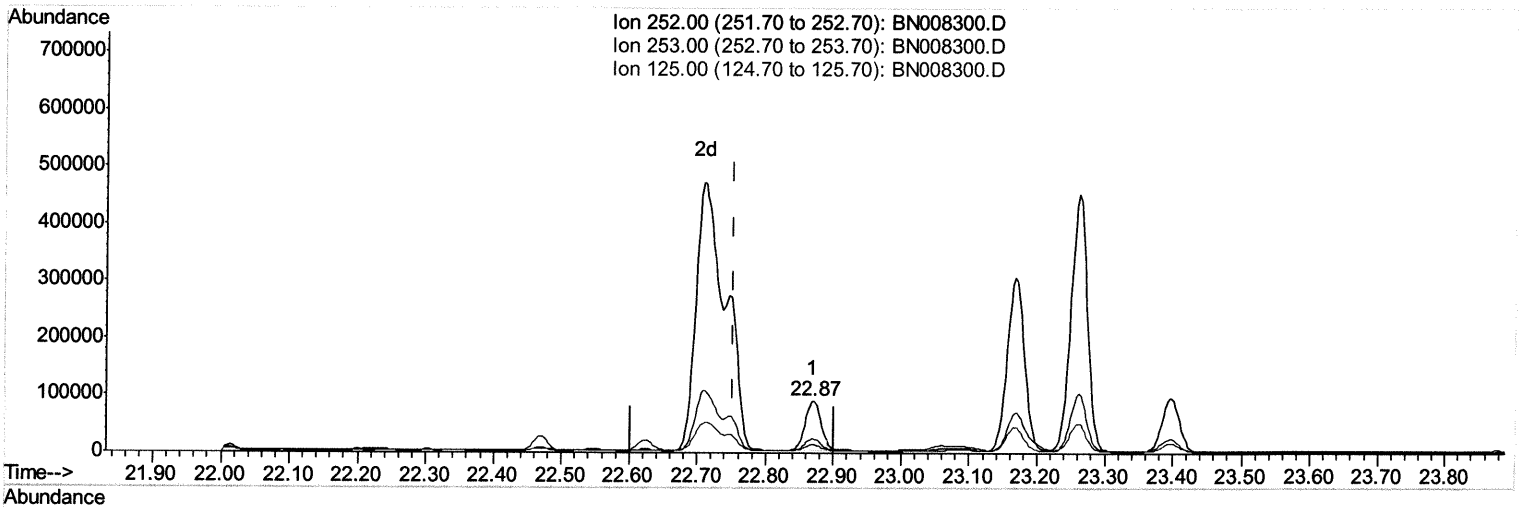
Quantitation Report (Qedit)

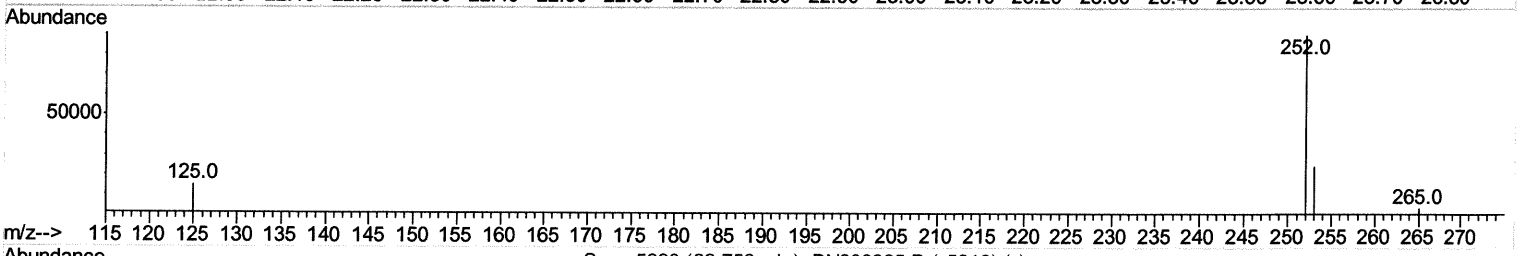
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

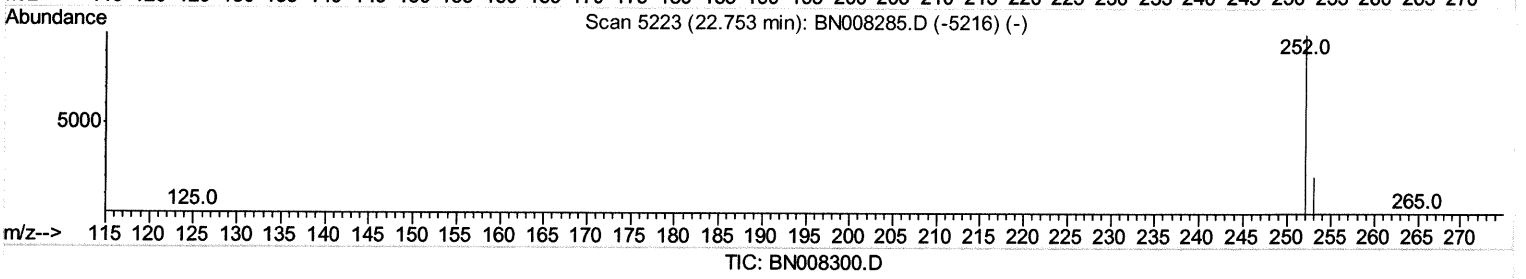
Quant Time: Oct 22 03:50:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM







TIC: BN008300.D

(22) Benzo(k)fluoranthene

22.869min (+0.117) 3.88ng/ul

response 138504

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	27.44
125.00	15.40	16.41
0.00	0.00	0.00

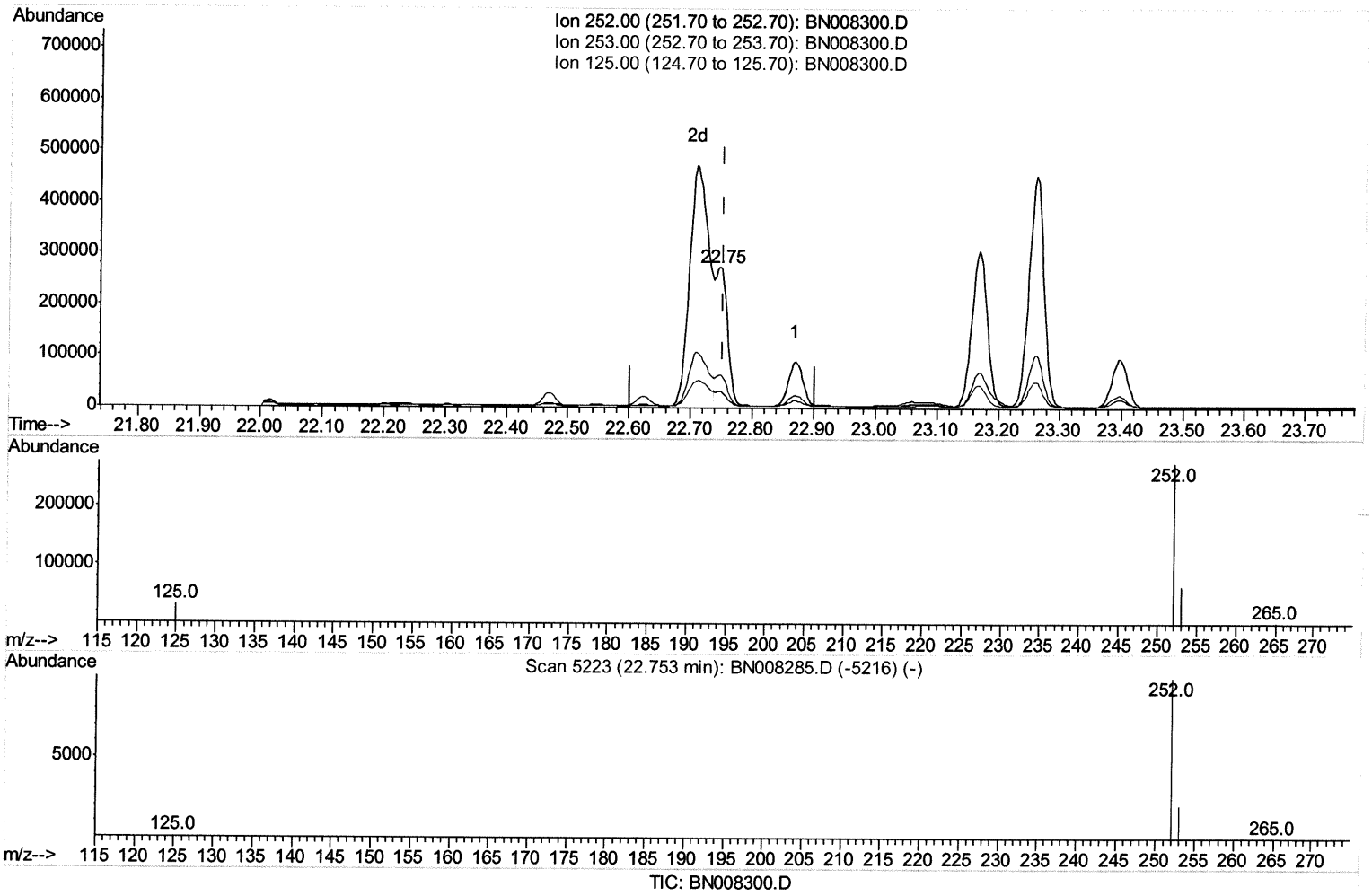
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Oct 22 03:50:52 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 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM



(22) Benzo(k)fluoranthene

22.747min (-0.006) 9.70ng/ul m JM 10.23.19

response 346219

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	23.72
125.00	15.40	11.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008300.D
Acq On : 22 Oct 2019 02:01
Operator : JU
Sample : K5199-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP72

Manual Integrations APPROVED
mohammad
10/22/2019 3:28:10 PM

Quant Time: Oct 22 03:52:04 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 23:58:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2009	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9261	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5879	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12464m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	10322	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9675	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4715	0.30	ng/ul	-0.01
14) Fluoranthene-d10	19.01	212	13171	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	17365	0.659	ng/ul	99
5) 2-Methylnaphthalene	12.02	142	11722	0.648	ng/ul	98
7) Acenaphthylene	13.94	152	45024	1.608	ng/ul	99
8) Acenaphthene	14.28	153	35176	1.615	ng/ul	99
9) Fluorene	15.28	166	38718	1.566	ng/ul	97
11) Pentachlorophenol	16.63	266	389	0.129	ng/ul	95
12) Phenanthrene	17.01	178	799340	21.905	ng/ul	99
13) Anthracene	17.10	178	164503	5.123	ng/ul	99
15) Fluoranthene	19.04	202	1764411	36.609	ng/ul	99
17) Pyrene	19.41	202	1880961	45.767	ng/ul	100
18) Benzo(a)anthracene	21.16	228	995250	26.521	ng/ul	97
19) Chrysene	21.22	228	1048674	22.771	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	1044433m	33.161	ng/ul	99
22) Benzo(k)fluoranthene	22.75	252	346219m	9.704	ng/ul	
23) Benzo(a)pyrene	23.26	252	768543	23.189	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.51	276	443104	11.351	ng/ul	99
25) Dibenzo(a,h)anthracene	25.51	278	123765	4.011	ng/ul	100
26) Benzo(g,h,i)perylene	26.17	276	440569	12.308	ng/ul	99

JU 10-23-19

JU 10-23-19

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