

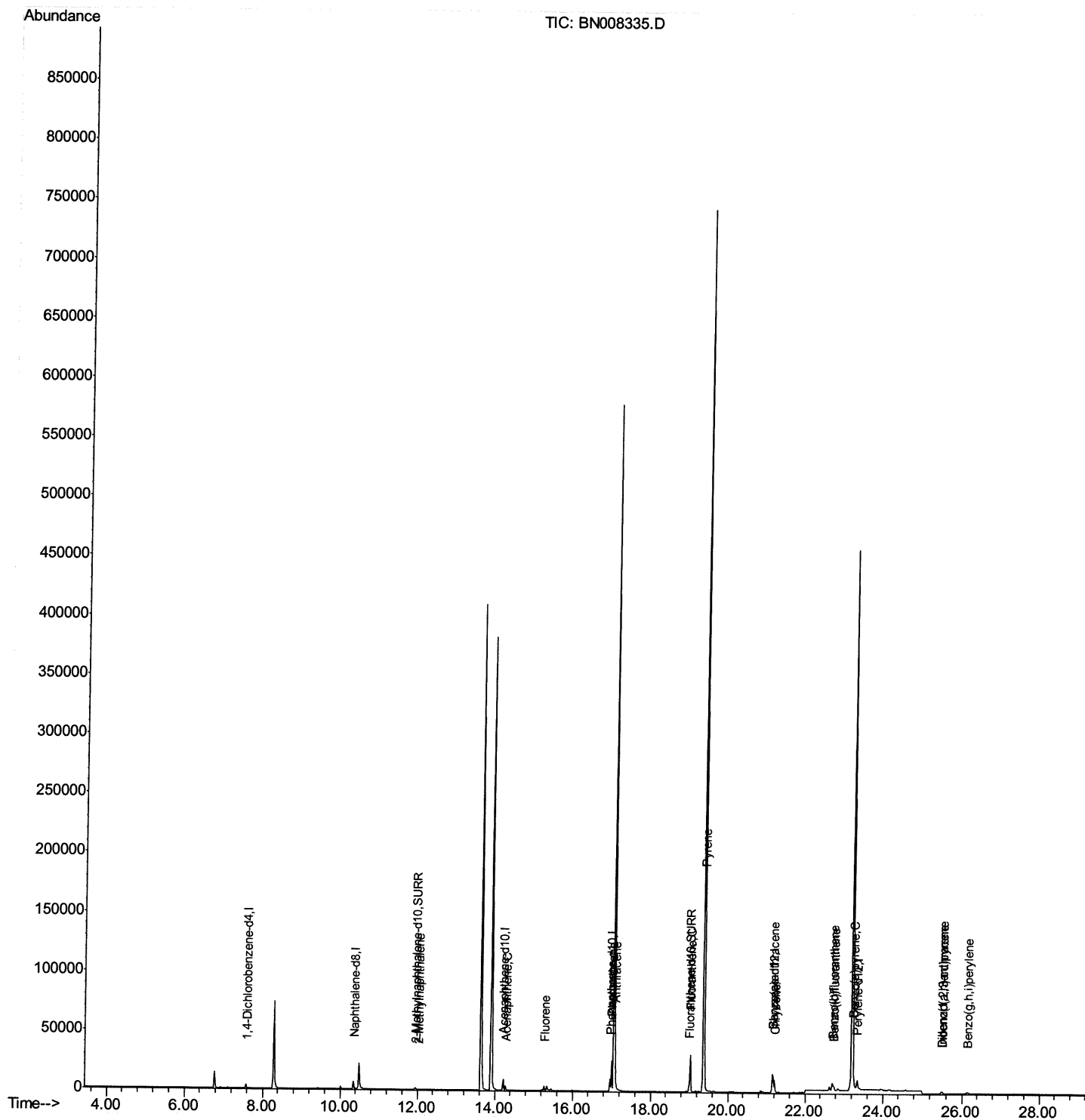
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:35:57 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



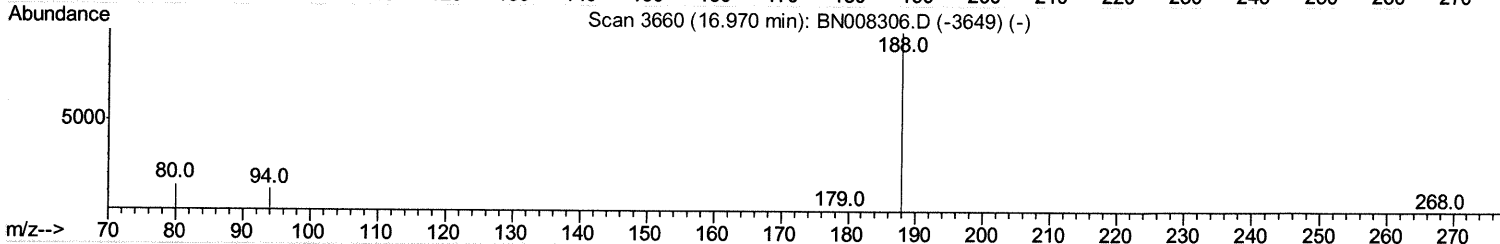
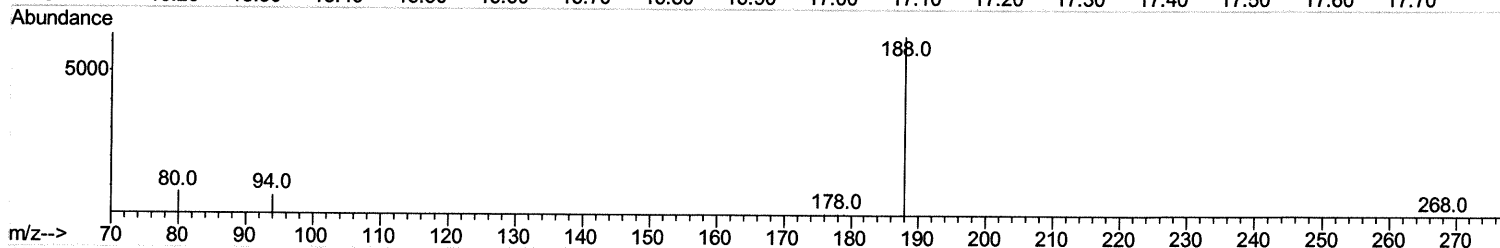
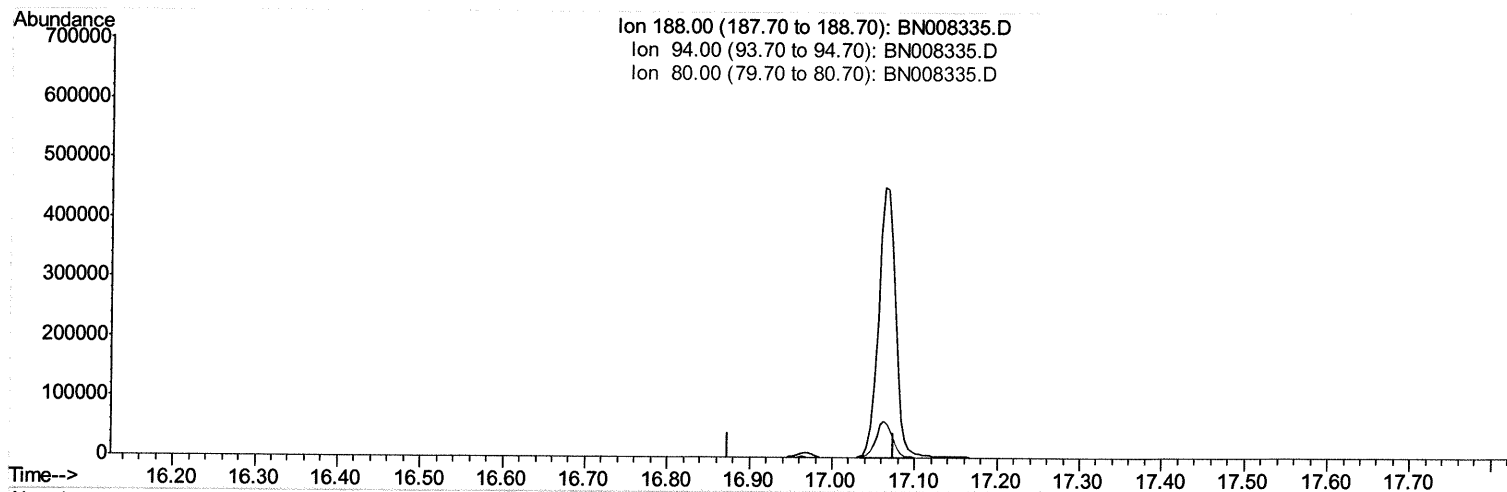
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:28:51 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



(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

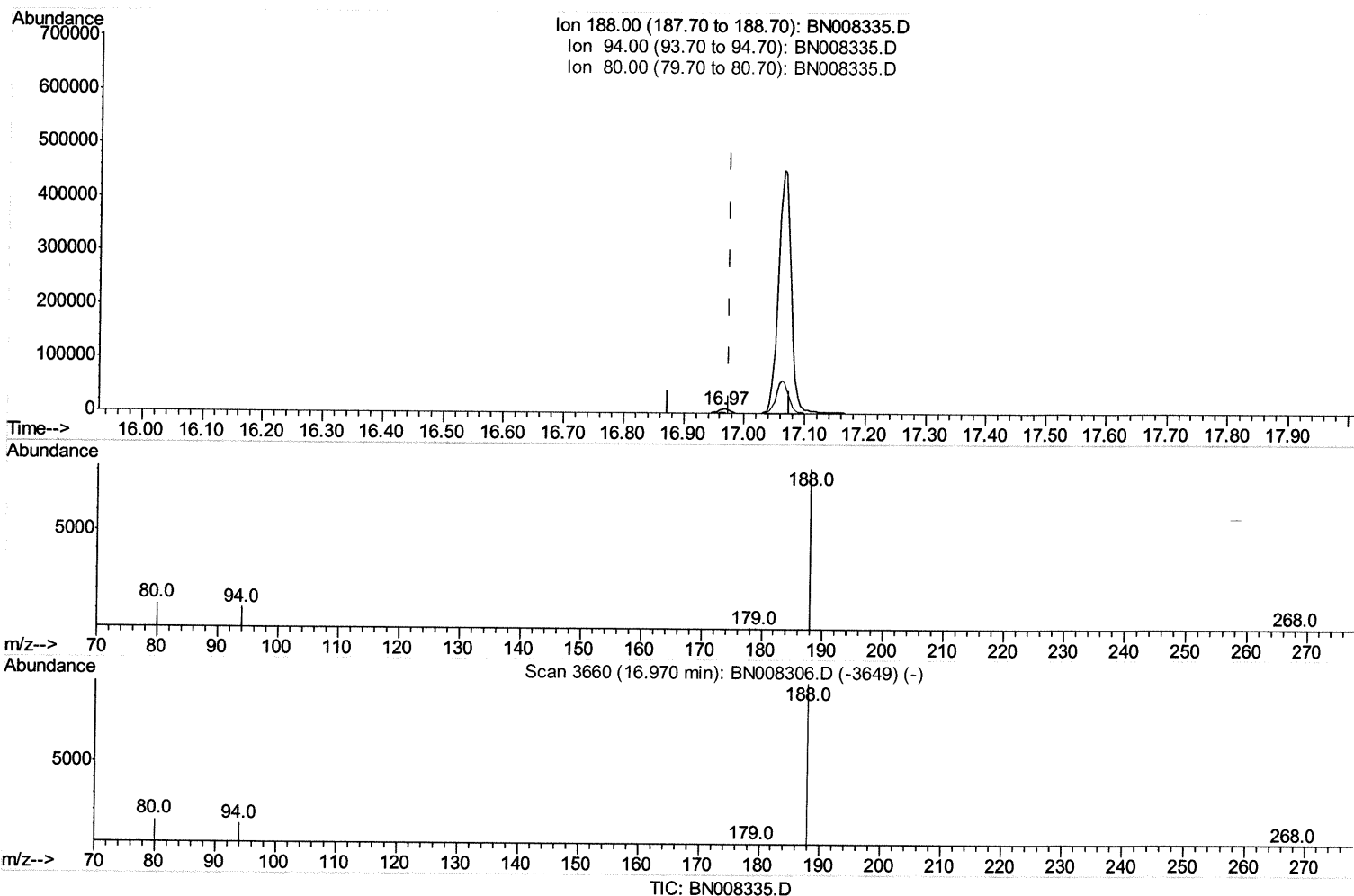
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:28:51 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



(10) Phenanthrene-d10 (I)

16.966min (-0.009) 0.40ng/ul m

JU 10.23.19

response 12037

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	12.75
80.00	12.60	15.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

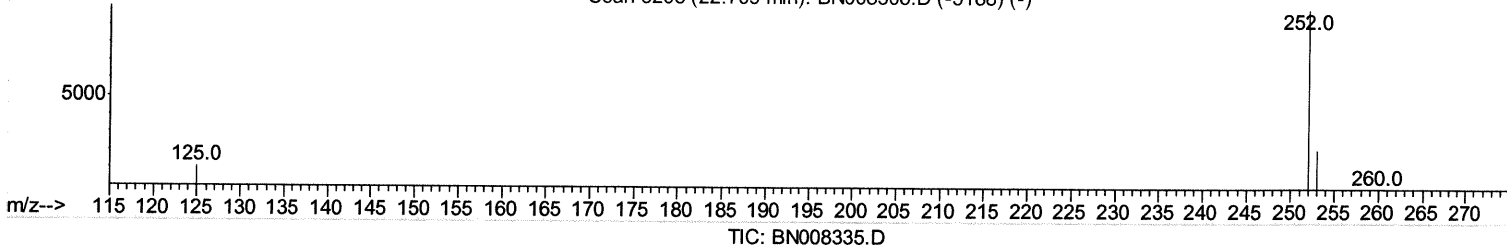
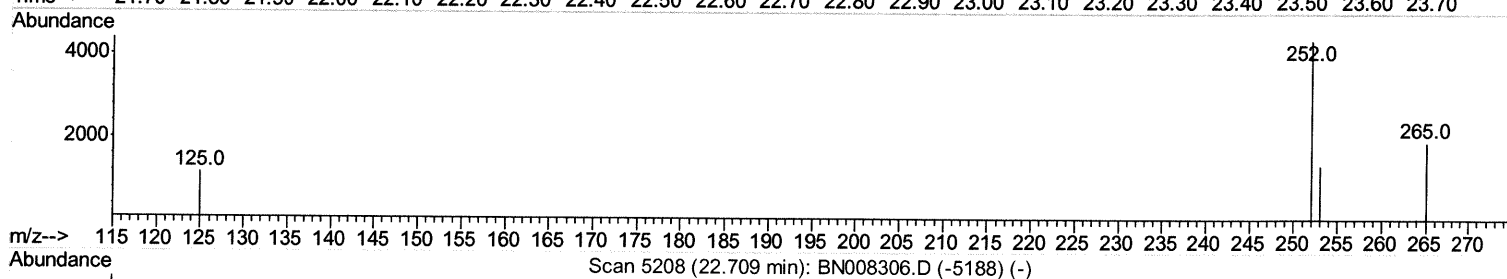
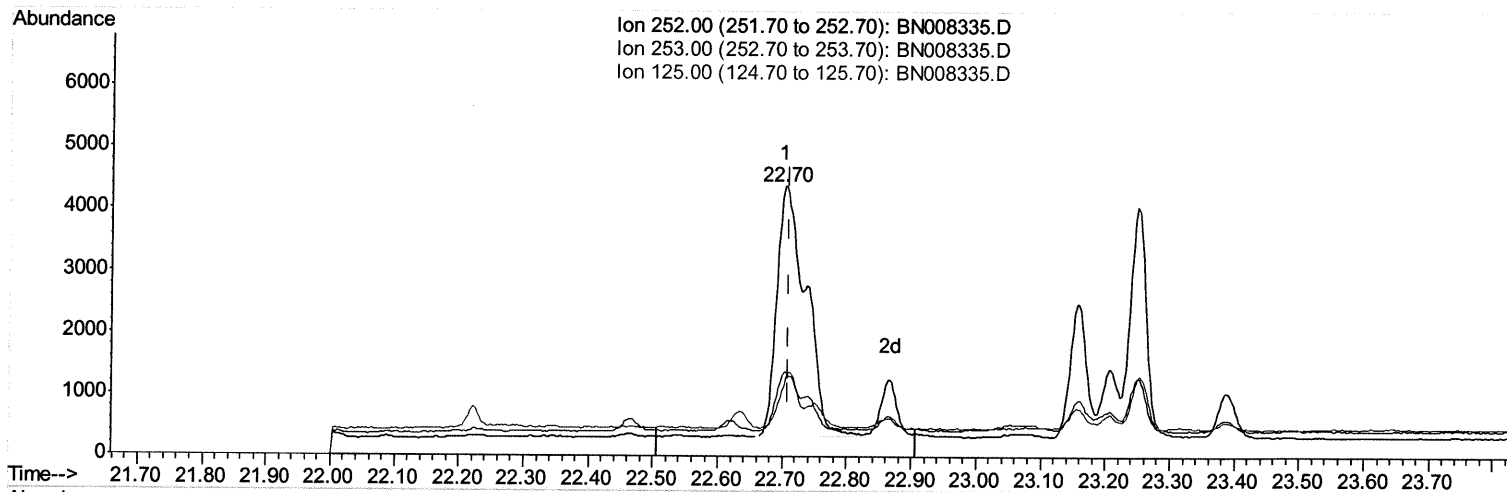
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008335.D
 Acq On : 23 Oct 2019 03:56
 Operator : JU
 Sample : K5223-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:34:18 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



(21) Benzo(b)fluoranthene

22.702min (-0.006) 0.42ng/ul

response 12972

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	31.16
125.00	16.20	26.37
0.00	0.00	0.00

Quantitation Report (Qedit)

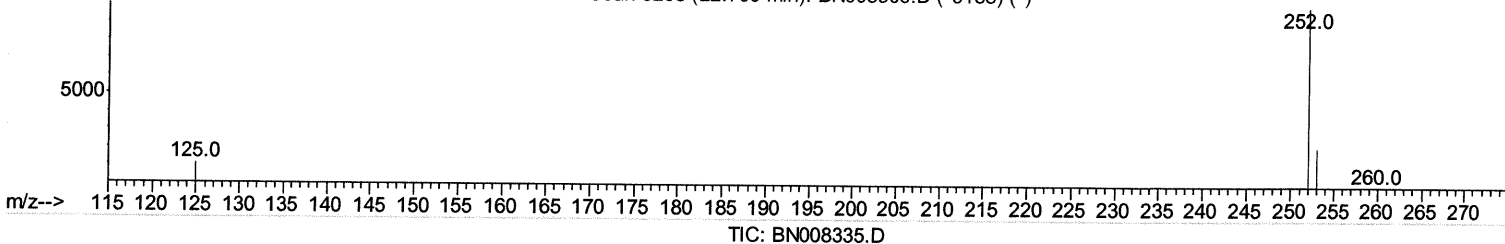
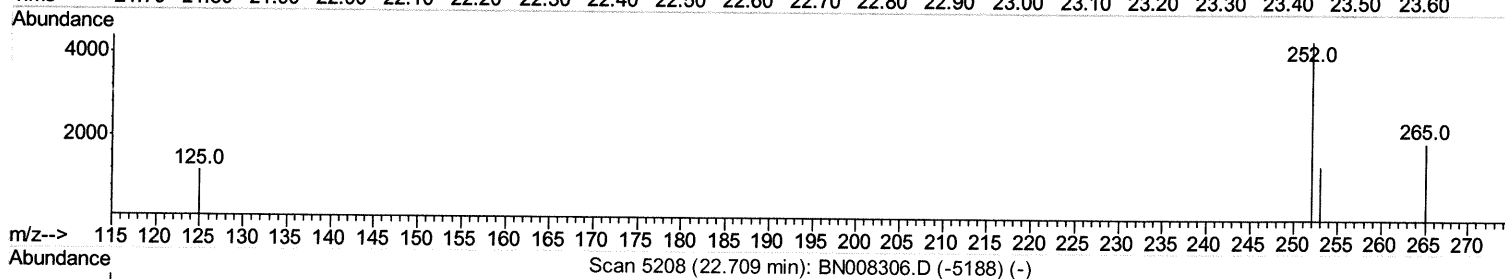
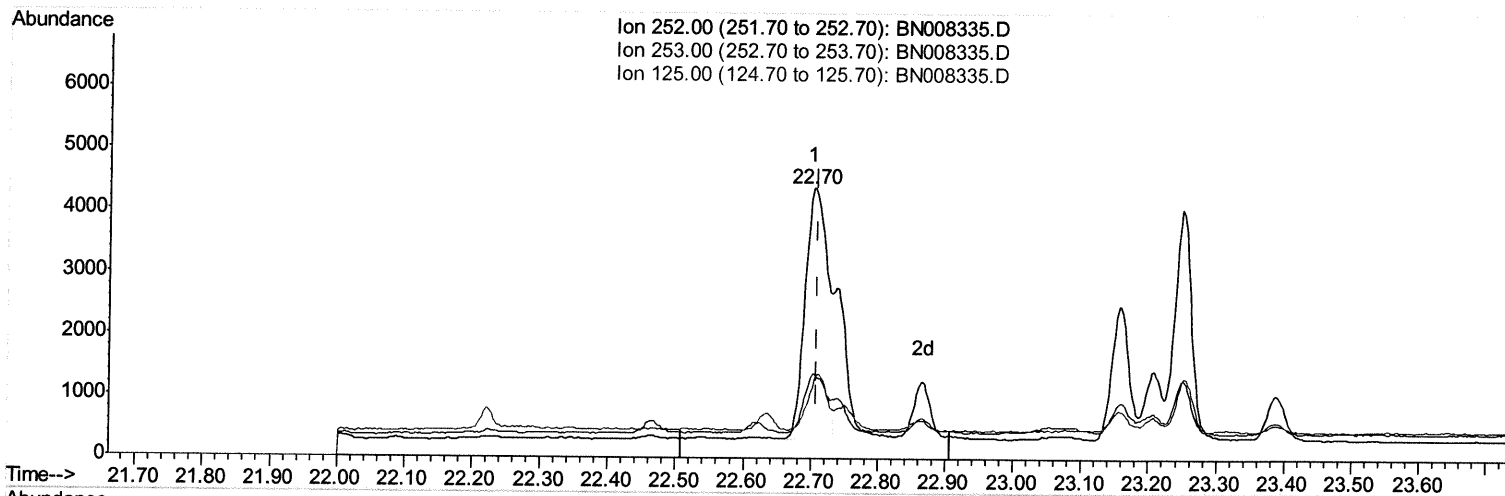
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008335.D
 Acq On : 23 Oct 2019 03:56
 Operator : JU
 Sample : K5223-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:34:18 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



(21) Benzo(b)fluoranthene

22.702min (-0.006) 0.31ng/ul m *JU 10.23.19*

response 9551

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	31.16
125.00	16.20	26.37
0.00	0.00	0.00

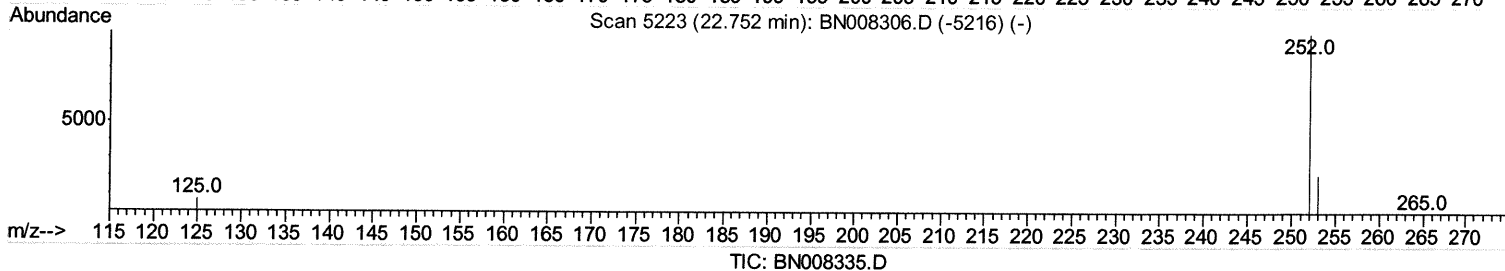
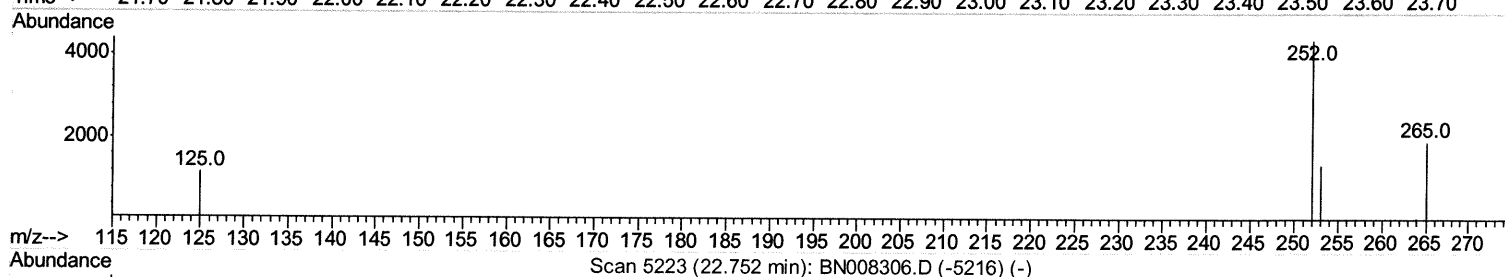
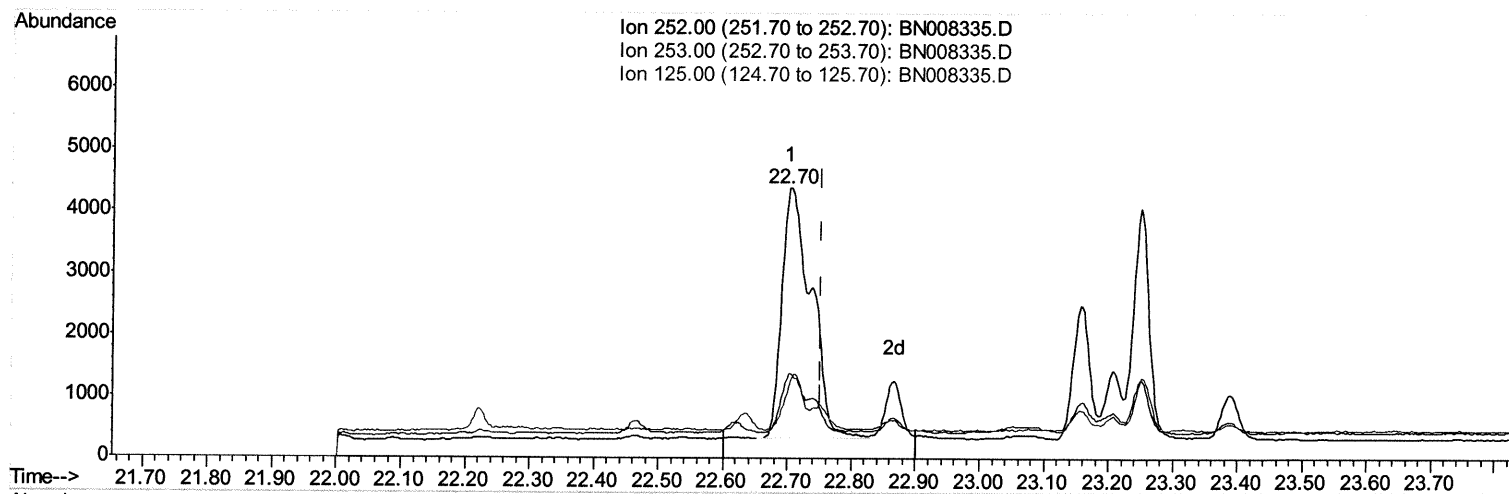
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:34:18 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



(22) Benzo(k)fluoranthene

22.702min (-0.050) 0.37ng/ul

response 12971

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	31.16
125.00	15.40	26.37#
0.00	0.00	0.00

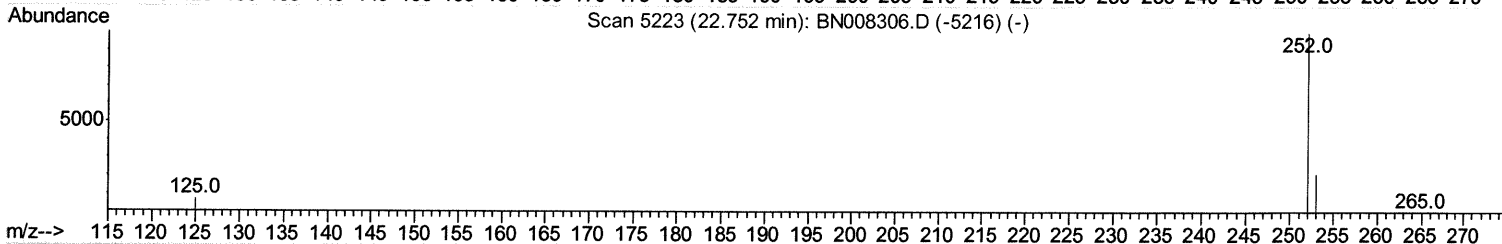
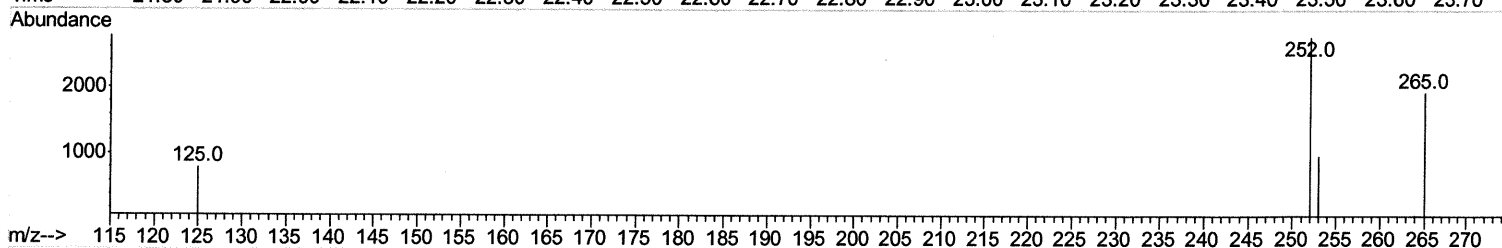
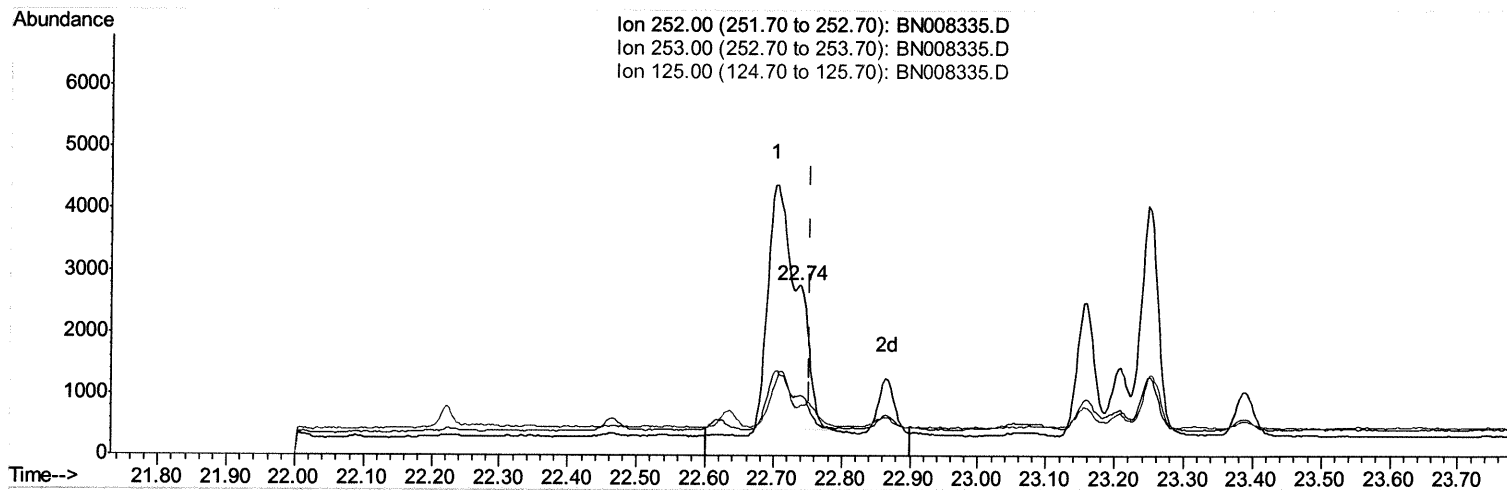
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008335.D
Acq On : 23 Oct 2019 03:56
Operator : JU
Sample : K5223-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE5

Manual Integrations
APPROVED

mohammad
10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:34:18 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



TIC: BN008335.D

(22) Benzo(k)fluoranthene

22.737min (-0.015) 0.09ng/ul m

response 3000

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	35.55#
125.00	15.40	28.65#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008335.D
 Acq On : 23 Oct 2019 03:56
 Operator : JU
 Sample : K5223-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BEPE5

Manual Integrations
 APPROVED

mohammad
 10/24/2019 8:05:58 AM

Quant Time: Oct 23 05:35:57 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	1777	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8676	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5463	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12037m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10941	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9537	0.40	ng/ul	-0.01

7.10.23.19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.95	152	2959	0.20	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	8383	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	12.02	142	403	0.024	ng/ul	98
8) Acenaphthene	14.28	153	2211	0.109	ng/ul	97
9) Fluorene	15.27	166	2254	0.098	ng/ul#	98
12) Phenanthrene	17.01	178	27405	0.778	ng/ul	99
13) Anthracene	17.10	178	6843	0.221	ng/ul	98
15) Fluoranthene	19.03	202	27616	0.593	ng/ul	96
17) Pyrene	19.39	202	23947	0.550	ng/ul#	95
18) Benzo(a)anthracene	21.16	228	12499	0.314	ng/ul	97
19) Chrysene	21.21	228	11247	0.230	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	9551m	0.308	ng/ul	} 7.10.23.19
22) Benzo(k)fluoranthene	22.74	252	3000m	0.085	ng/ul	
23) Benzo(a)pyrene	23.25	252	6497	0.199	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.50	276	2710	0.070	ng/ul#	82
25) Dibenzo(a,h)anthracene	25.51	278	704	0.023	ng/ul#	19
26) Benzo(a,h,i)perylene	26.16	276	2310	0.065	ng/ul#	80

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