

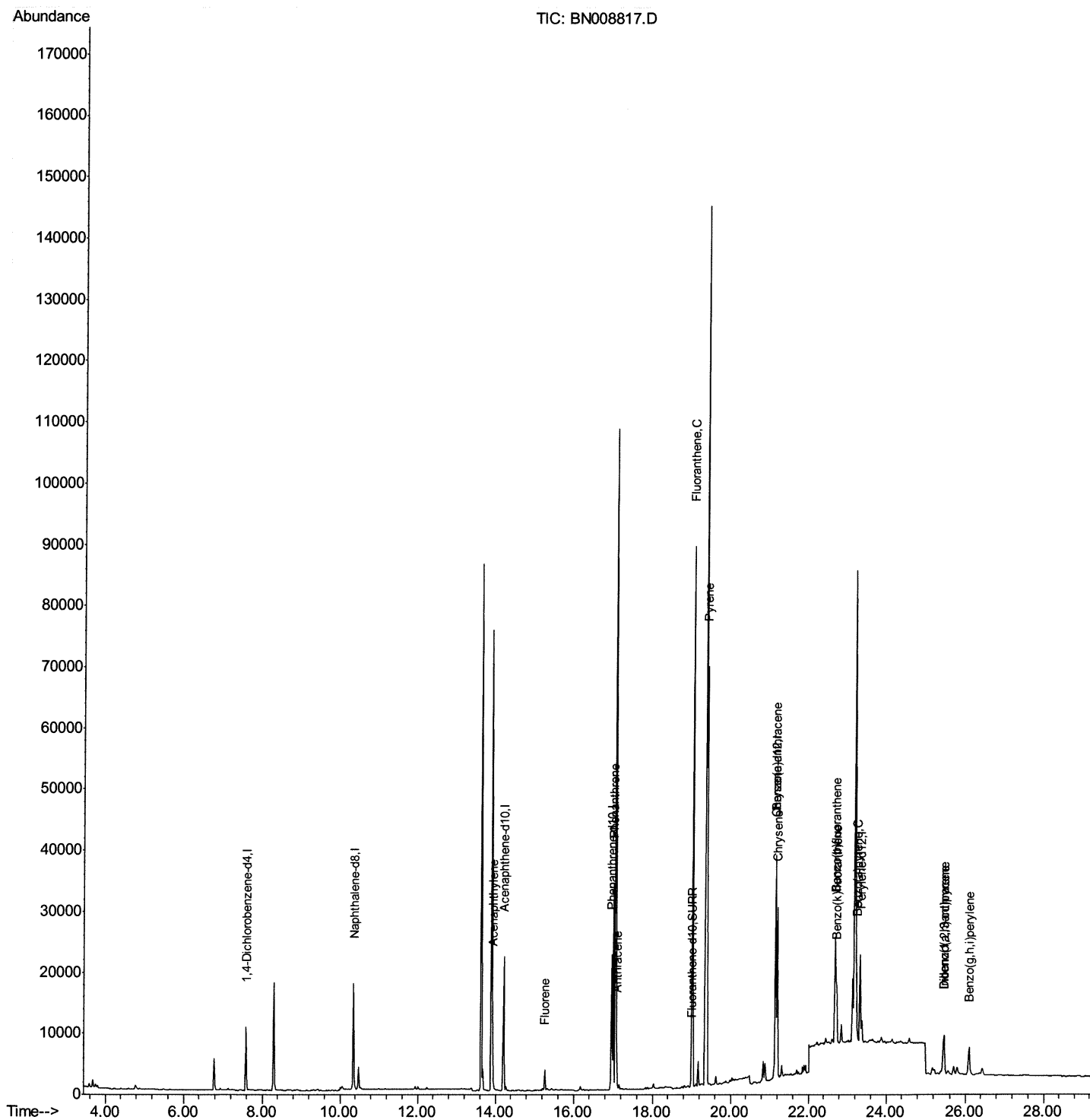
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
Data File : BN008817.D
Acq On : 02 Dec 2019 16:42
Operator : JU
Sample : K5851-07DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5DL

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:54:45 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

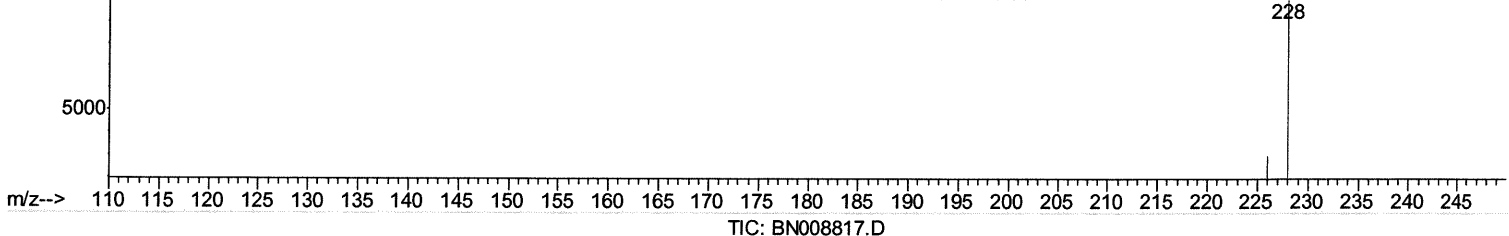
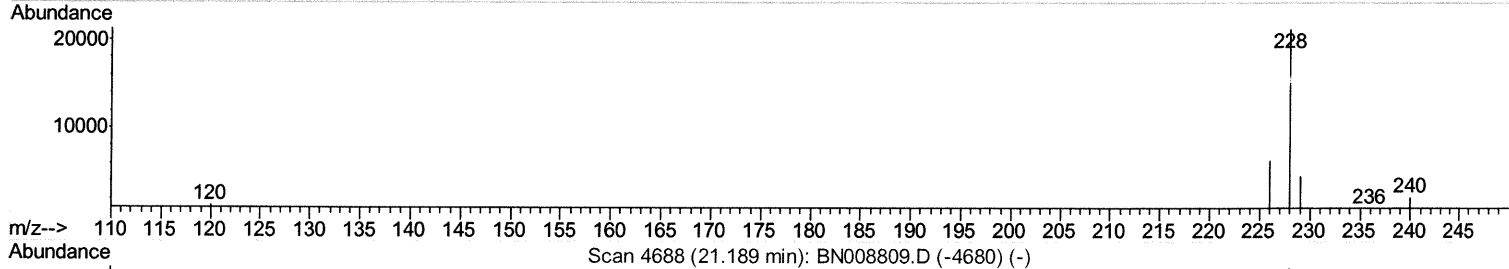
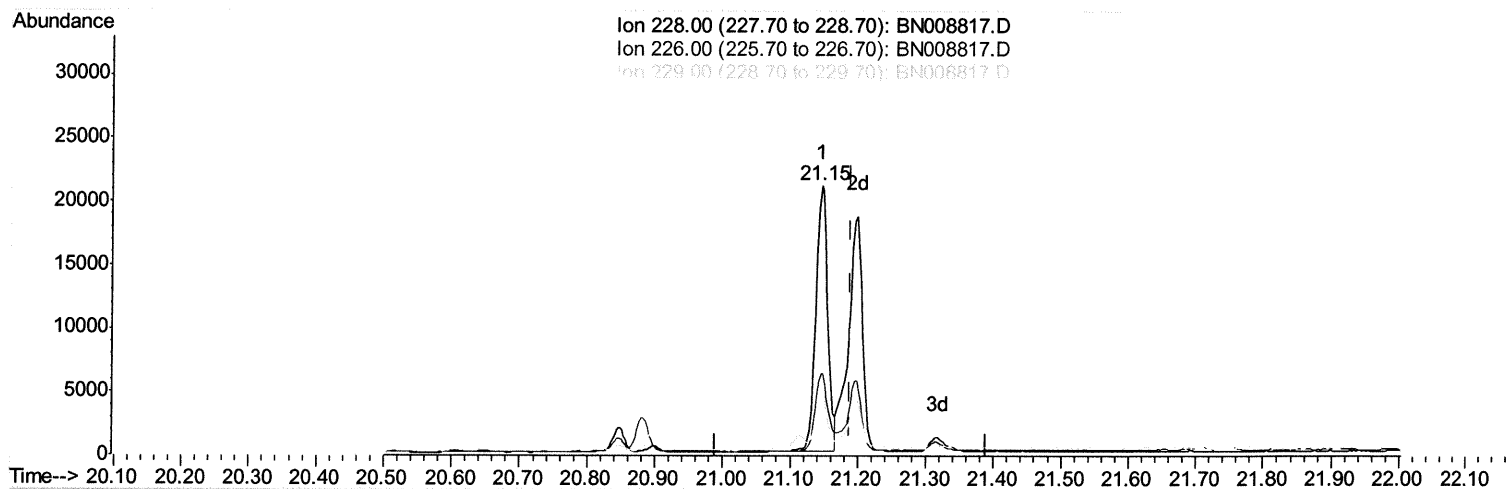
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration



(19) Chrysene

21.145min (-0.044) 0.34ng/ul

response 25558

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	30.30
229.00	19.50	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

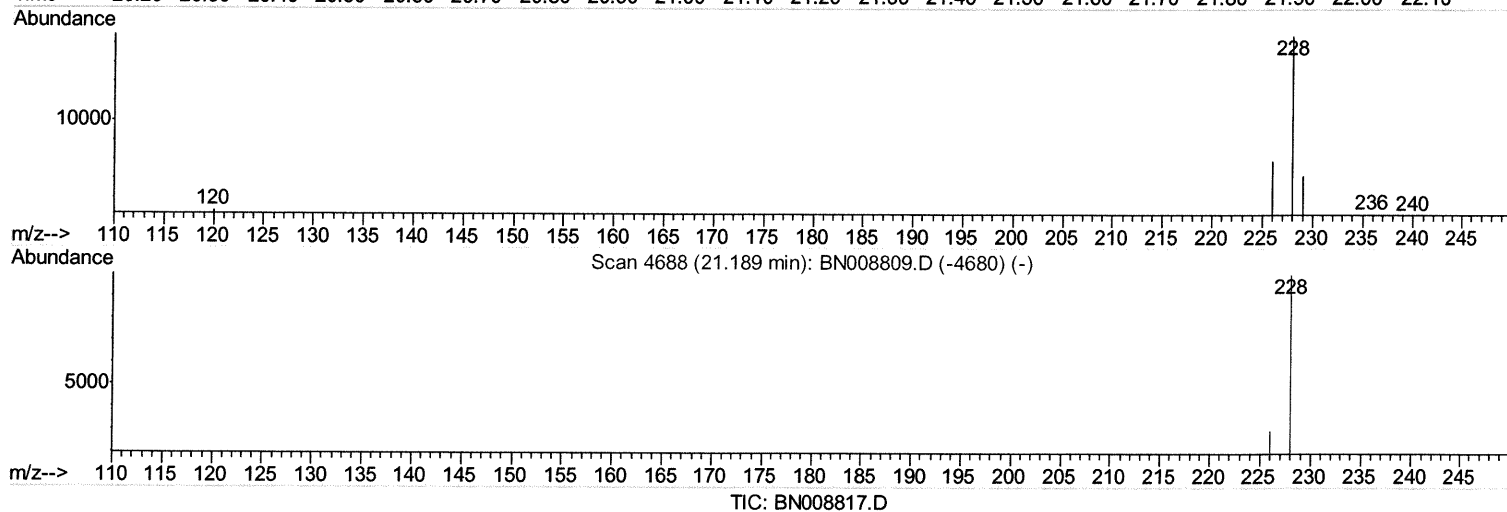
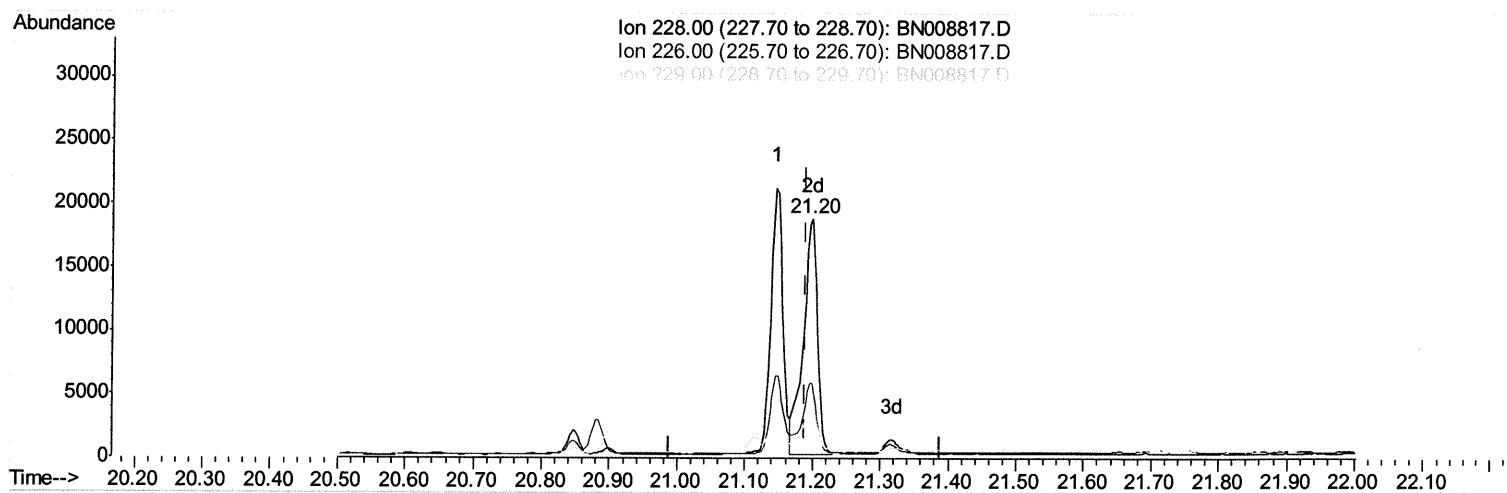
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
Data File : BN008817.D
Acq On : 02 Dec 2019 16:42
Operator : JU
Sample : K5851-07DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5DL

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration



(19) Chrysene

21.198min (+0.009) 0.36ng/ul m JU 12/03/19

response 27201

Ion	Exp%	Act%
228.00	100	100
226.00	29.70	31.31
229.00	19.50	23.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

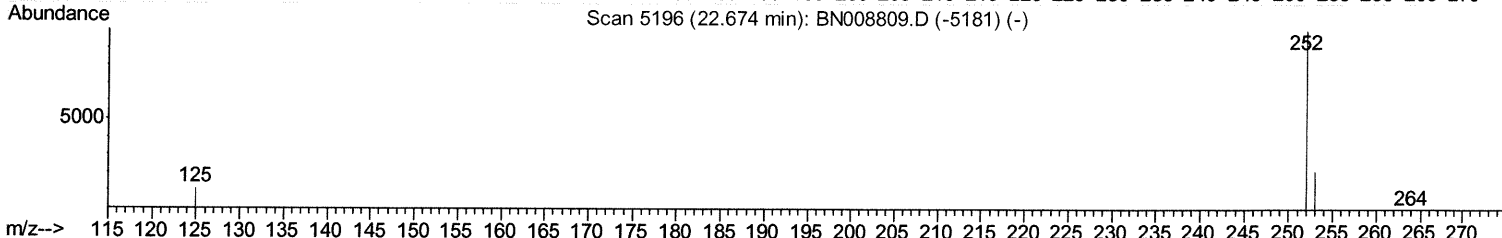
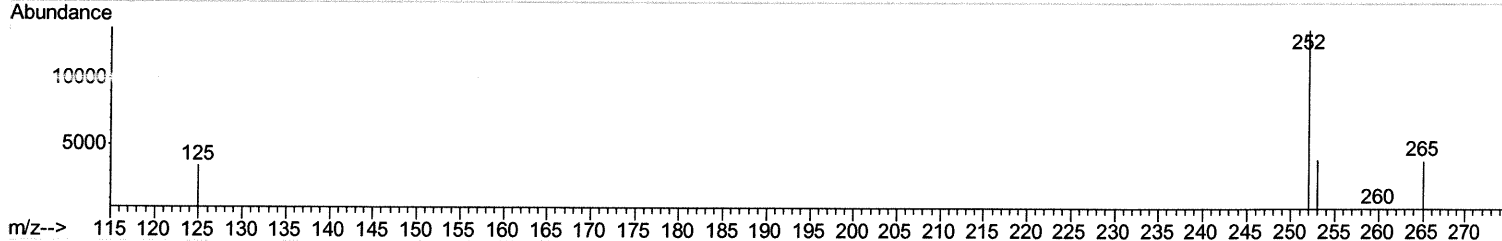
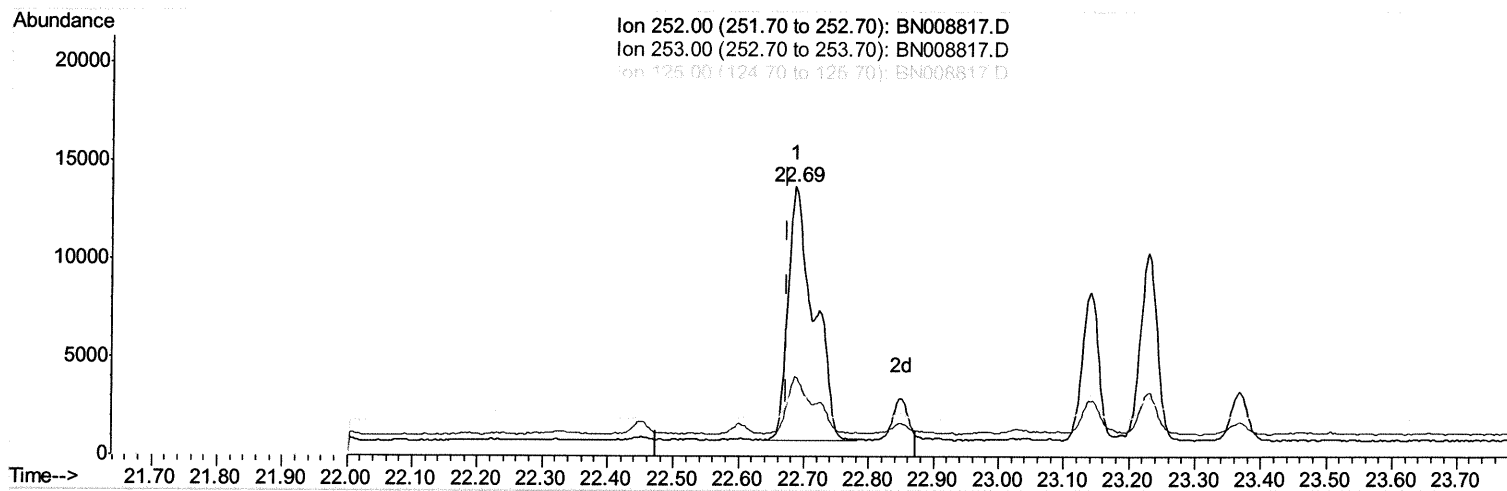
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration



TIC: BN008817.D

(21) Benzo(b)fluoranthene

22.685min (+0.012) 0.52ng/ul

response 35627

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	29.52
125.00	15.80	24.89
0.00	0.00	0.00

Quantitation Report (Qedit)

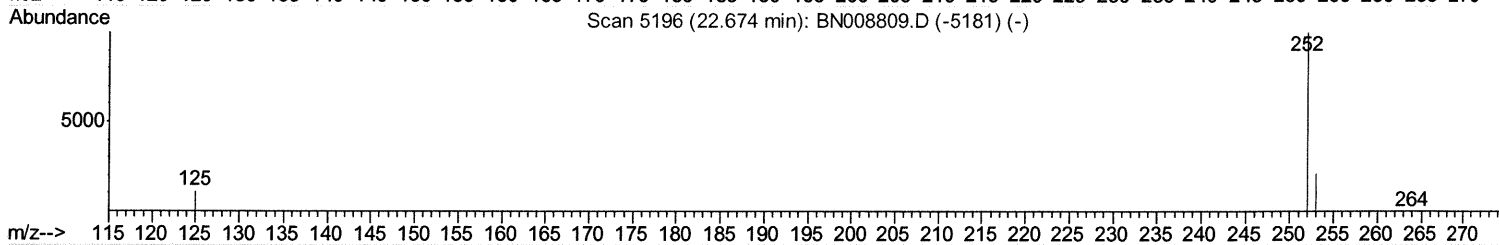
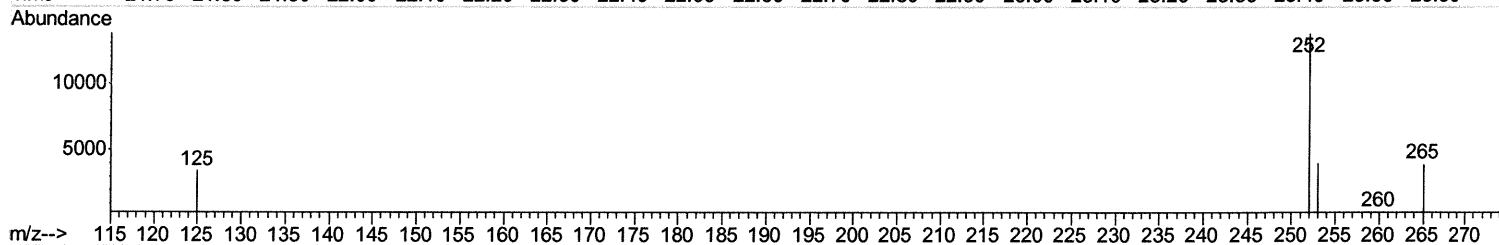
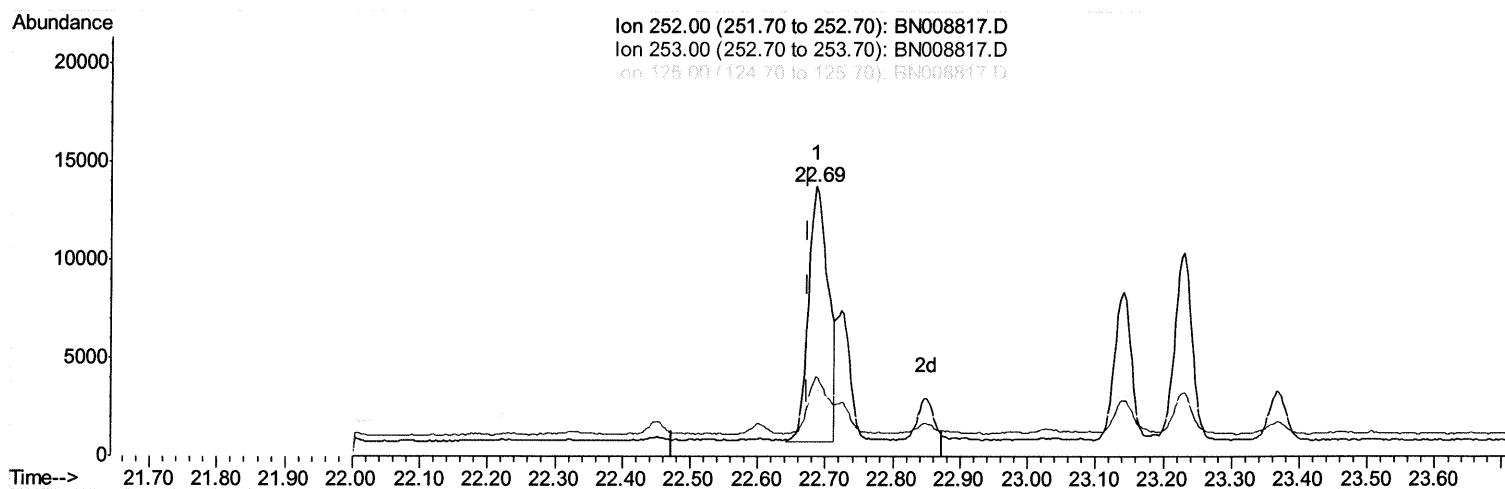
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
Data File : BN008817.D
Acq On : 02 Dec 2019 16:42
Operator : JU
Sample : K5851-07DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5DL

Manual Integrations
APPROVED

mohammad
12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration



TIC: BN008817.D

(21) Benzo(b)fluoranthene

22.685min (+0.012) 0.38ng/ul m Ju 12/03/19

response 26330

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	29.52
125.00	15.80	24.89
0.00	0.00	0.00

Quantitation Report (Qedit)

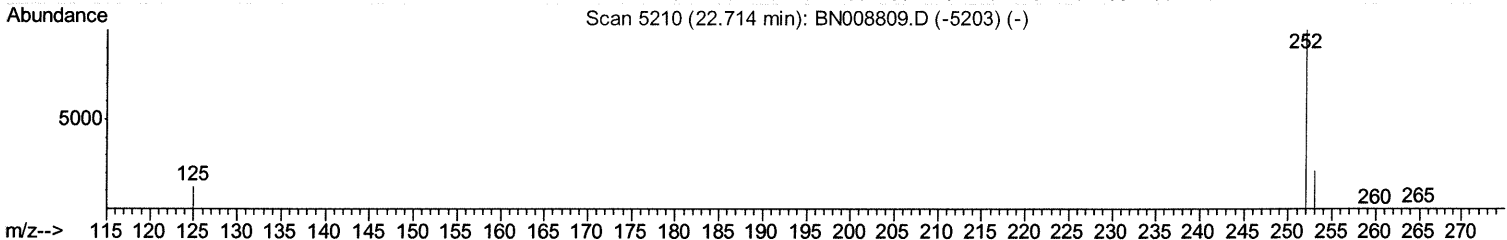
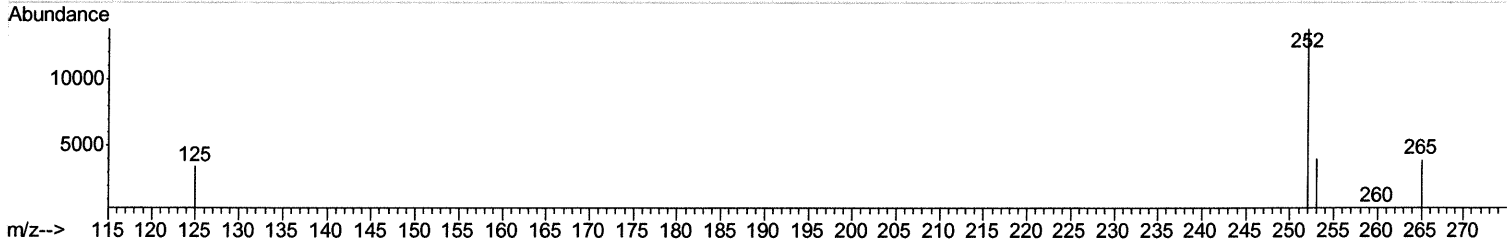
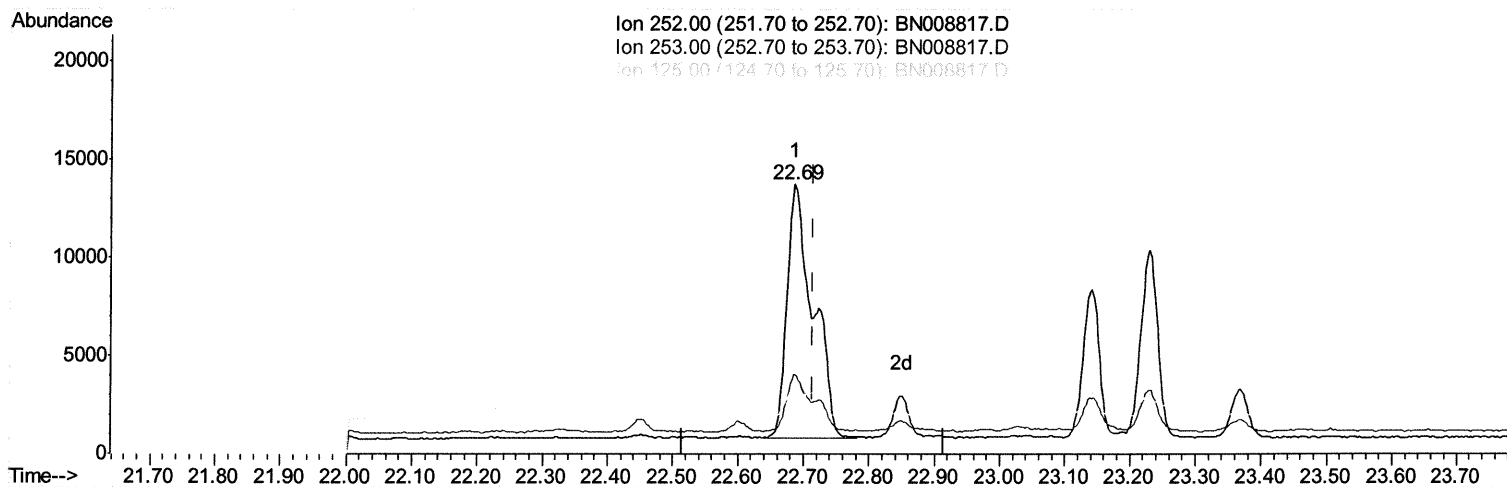
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration



TIC: BN008817.D

(22) Benzo(k)fluoranthene

22.685min (-0.029) 0.52ng/ul

response 35627

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	29.52#
125.00	17.20	24.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

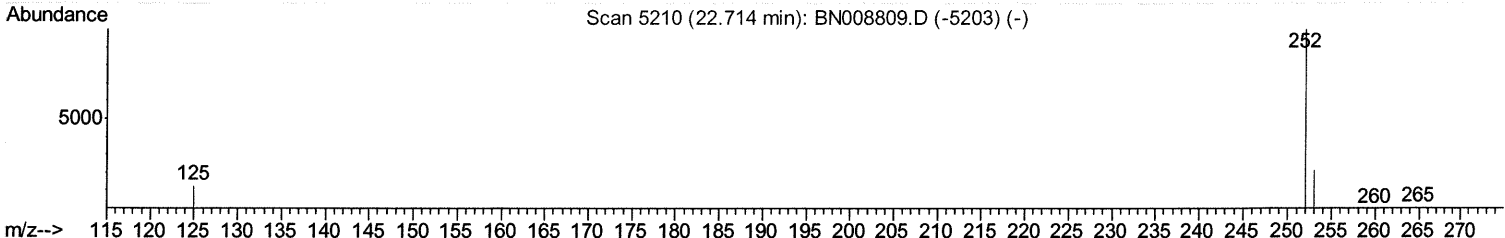
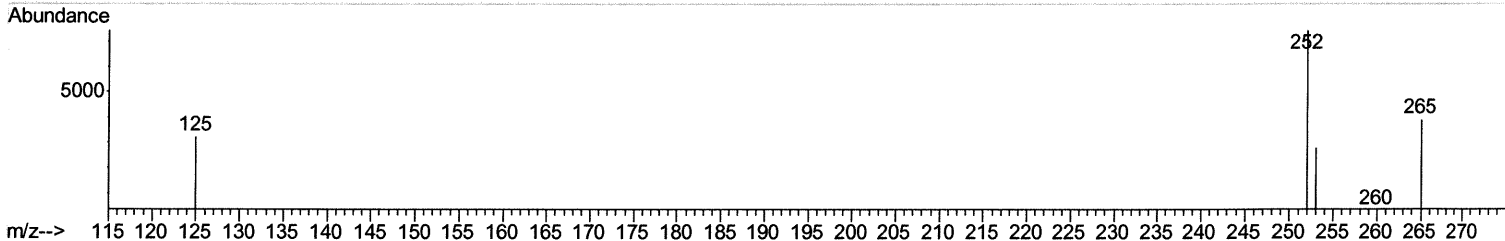
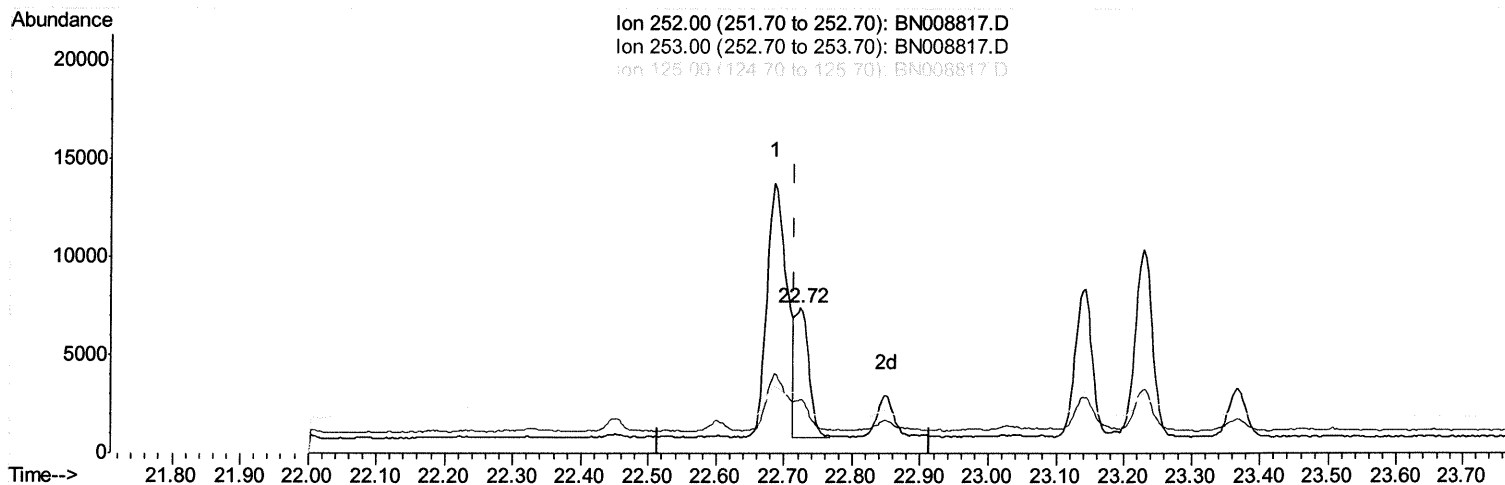
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:53:07 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration



TIC: BN008817.D

(22) Benzo(k)fluoranthene

22.723min (+0.009) 0.14ng/ul m JU 12/03/19

response 9724

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	37.15#
125.00	17.20	43.23#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120219\
 Data File : BN008817.D
 Acq On : 02 Dec 2019 16:42
 Operator : JU
 Sample : K5851-07DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 C0AA5DL

Manual Integrations
 APPROVED

mohammad
 12/3/2019 2:38:54 PM

Quant Time: Dec 02 17:54:45 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 : Mon Dec 02 12:46:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5092	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	21274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11919	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24193	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	19037	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	16674	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	680	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	1617	0.02	ng/ul	0.00
Target Compounds						
					Qvalue	
7) Acenaphthylene	13.93	152	2968	0.045	ng/ul#	94
9) Fluorene	15.26	166	2237	0.039	ng/ul#	94
12) Phenanthrene	17.00	178	36161	0.443	ng/ul	100
13) Anthracene	17.09	178	7724	0.100	ng/ul	97
15) Fluoranthene	19.02	202	70681	0.705	ng/ul	99
17) Pyrene	19.39	202	55227	0.723	ng/ul	99
18) Benzo(a)anthracene	21.15	228	25558	0.334	ng/ul	94
19) Chrysene	21.20	228	27201m	0.362	ng/ul	} JU 12/03/19
21) Benzo(b)fluoranthene	22.69	252	26330m	0.383	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	9724m	0.143	ng/ul	
23) Benzo(a)pyrene	23.23	252	17052	0.264	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.45	276	9408	0.125	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.46	278	2531	0.042	ng/ul#	5
26) Benzo(g,h,i)perylene	26.10	276	9111	0.144	ng/ul#	84

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