

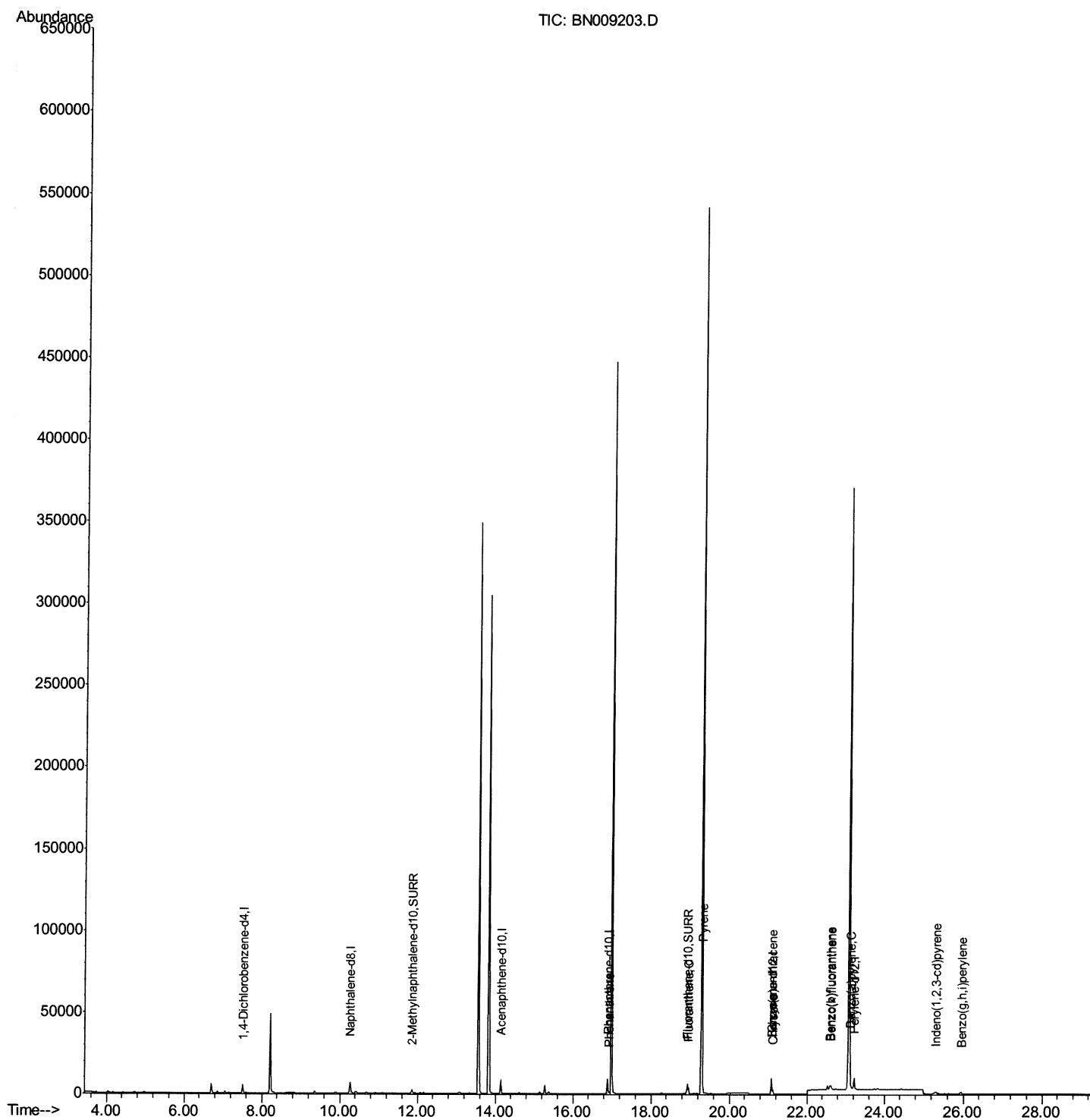
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009203.D
Acq On : 27 Dec 2019 20:16
Operator : JU
Sample : K6276-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C49

Manual Integrations
APPROVED

mohammad
12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:24:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 23:08:48 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

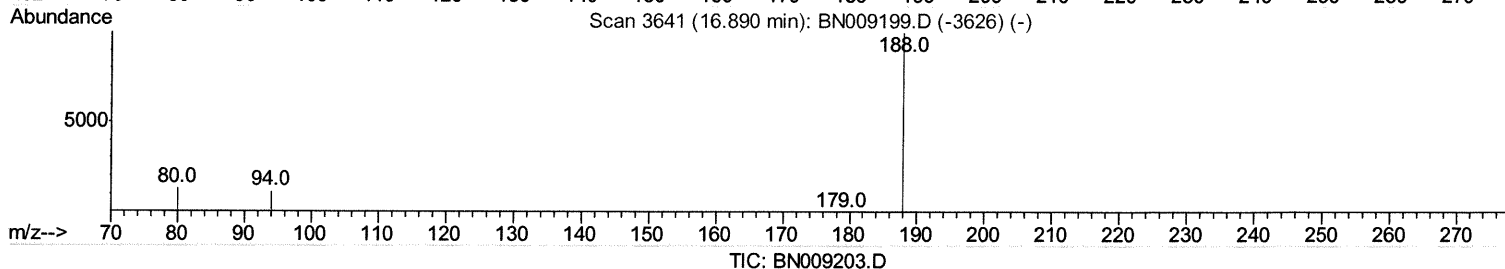
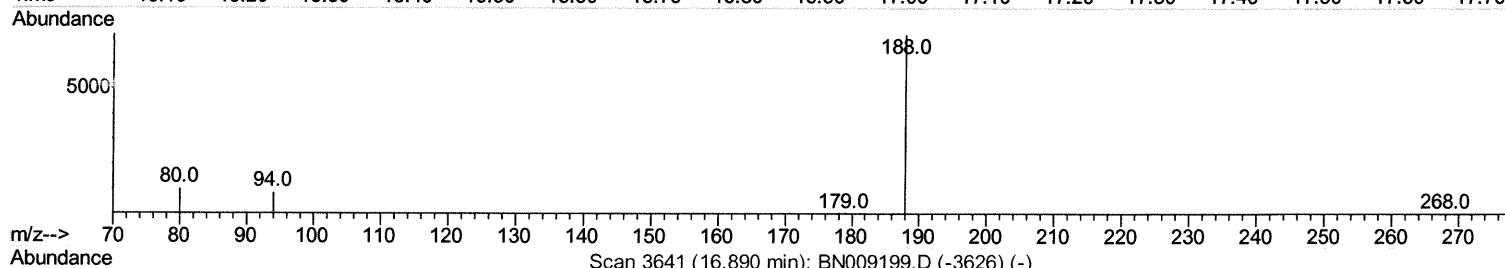
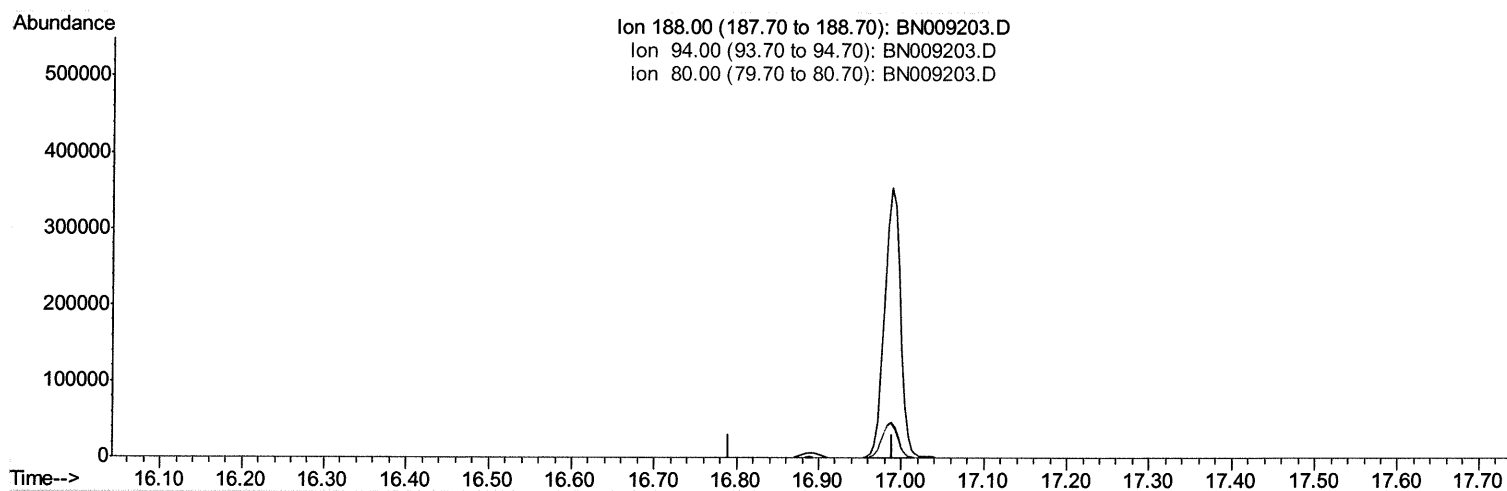
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009203.D
Acq On : 27 Dec 2019 20:16
Operator : JU
Sample : K6276-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C49

Manual Integrations
APPROVED

mohammad
12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:12:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 23:08:48 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.890min (-16.890) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.60	0.00#
80.00	13.70	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

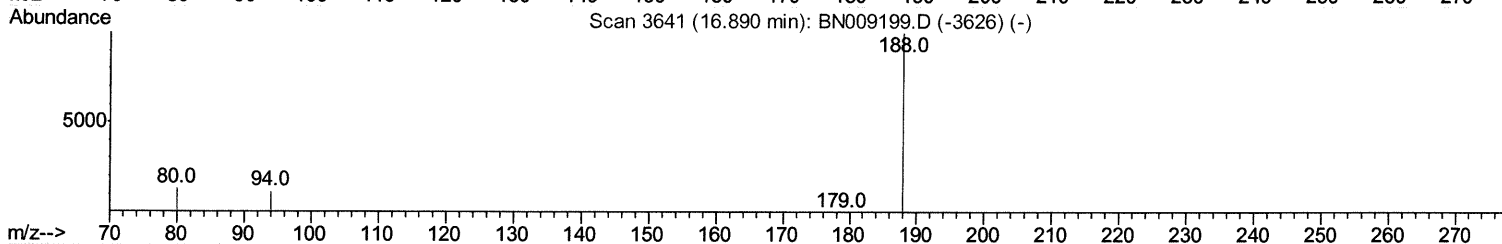
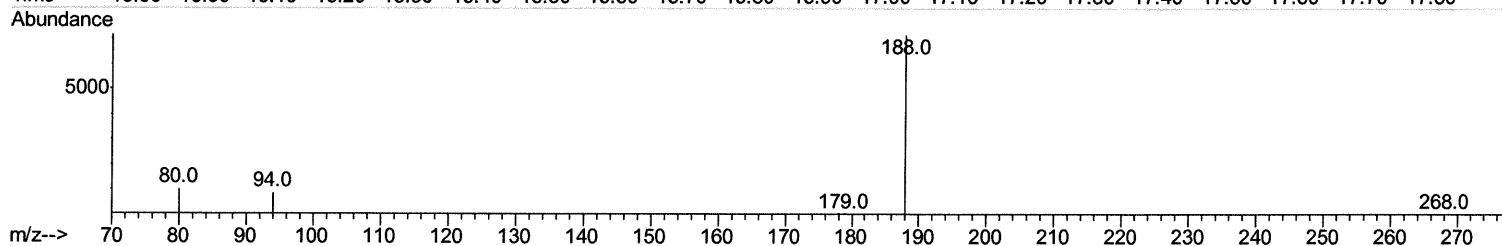
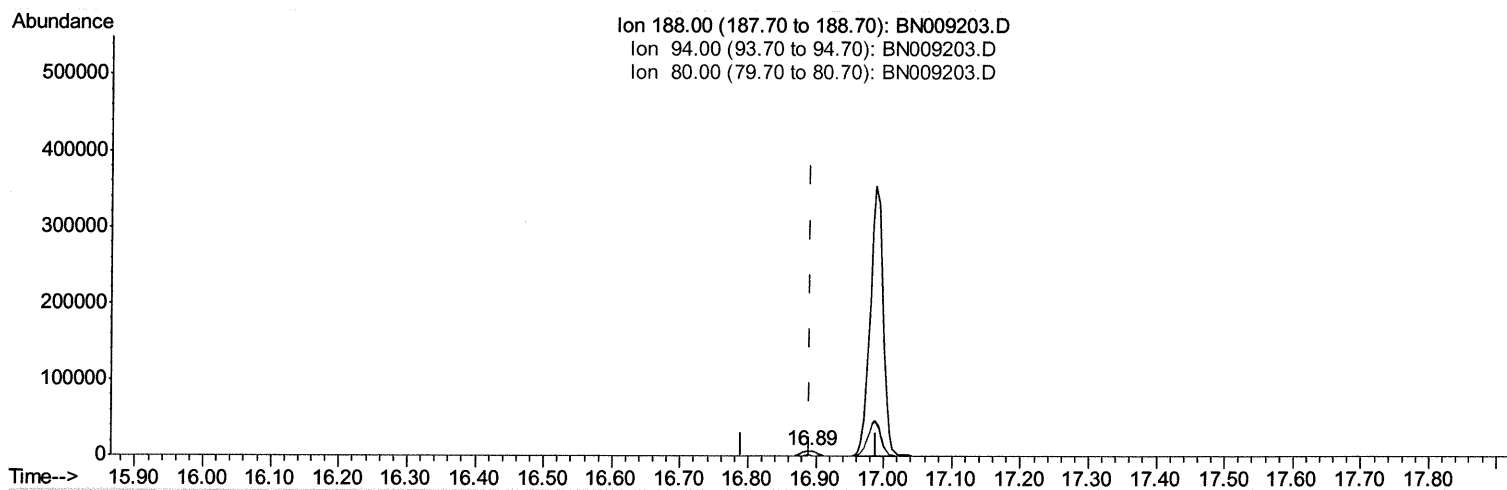
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009203.D
Acq On : 27 Dec 2019 20:16
Operator : JU
Sample : K6276-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C49

Manual Integrations
APPROVED

mohammad
12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:12:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 23:08:48 2019
Response via : Initial Calibration



TIC: BN009203.D

(10) Phenanthrene-d10 (I)

16.890min (-0.000) 0.40ng/ul m

JU 12/28/19

response 9624

Ion	Exp%	Act%
188.00	100	100
94.00	11.60	12.52
80.00	13.70	14.50
0.00	0.00	0.00

Quantitation Report (Qedit)

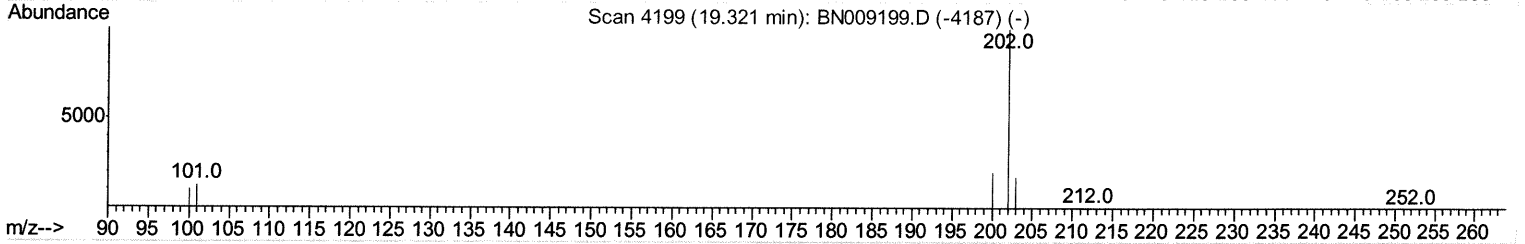
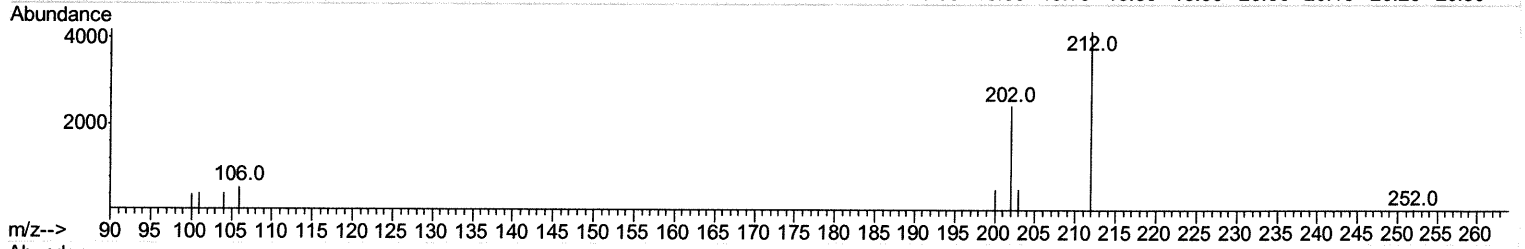
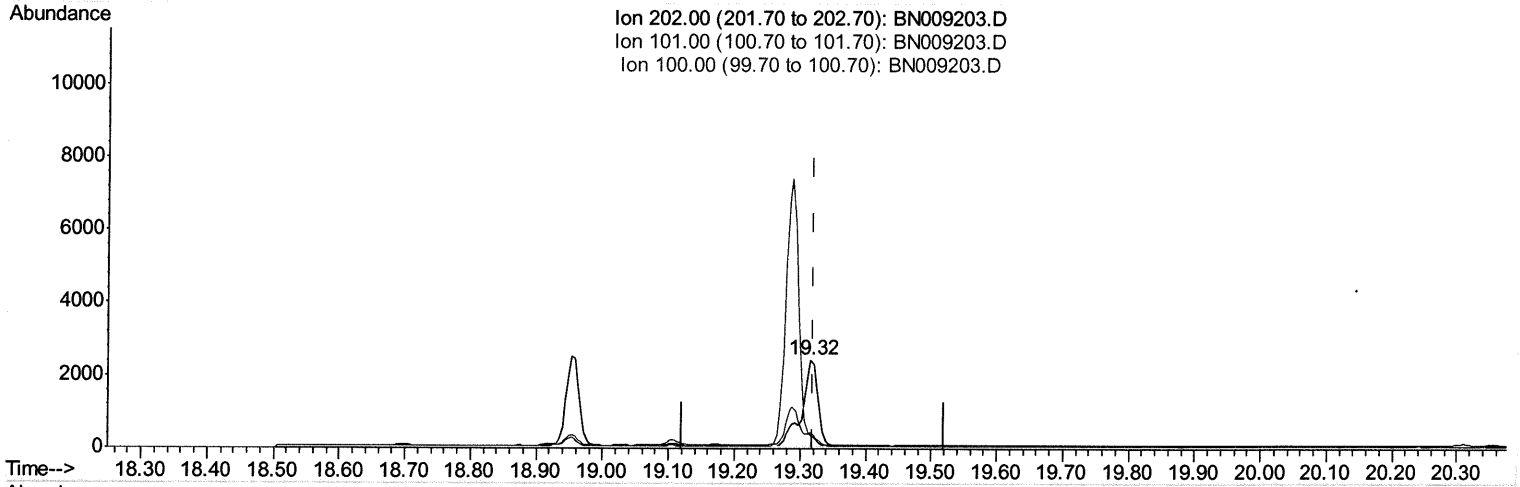
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009203.D
 Acq On : 27 Dec 2019 20:16
 Operator : JU
 Sample : K6276-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C49

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:23:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 23:08:48 2019
 Response via : Initial Calibration



TIC: BN009203.D

(17) Pyrene

19.316min (-0.005) 0.10ng/ul

response 4041

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	17.77#
100.00	11.30	15.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

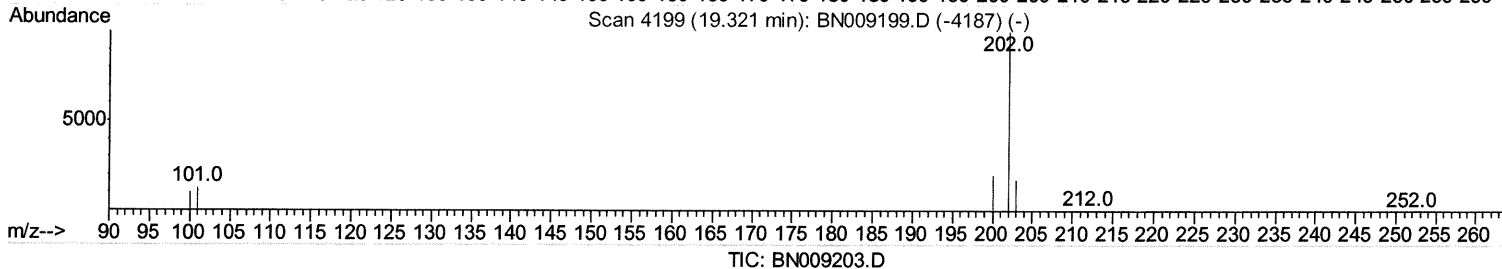
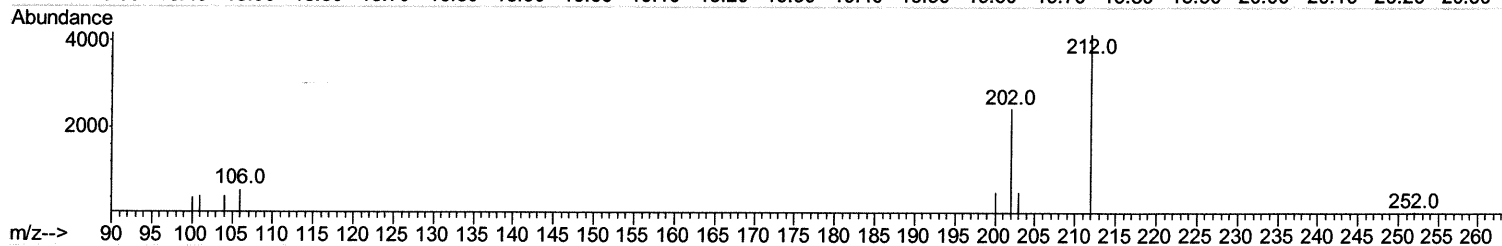
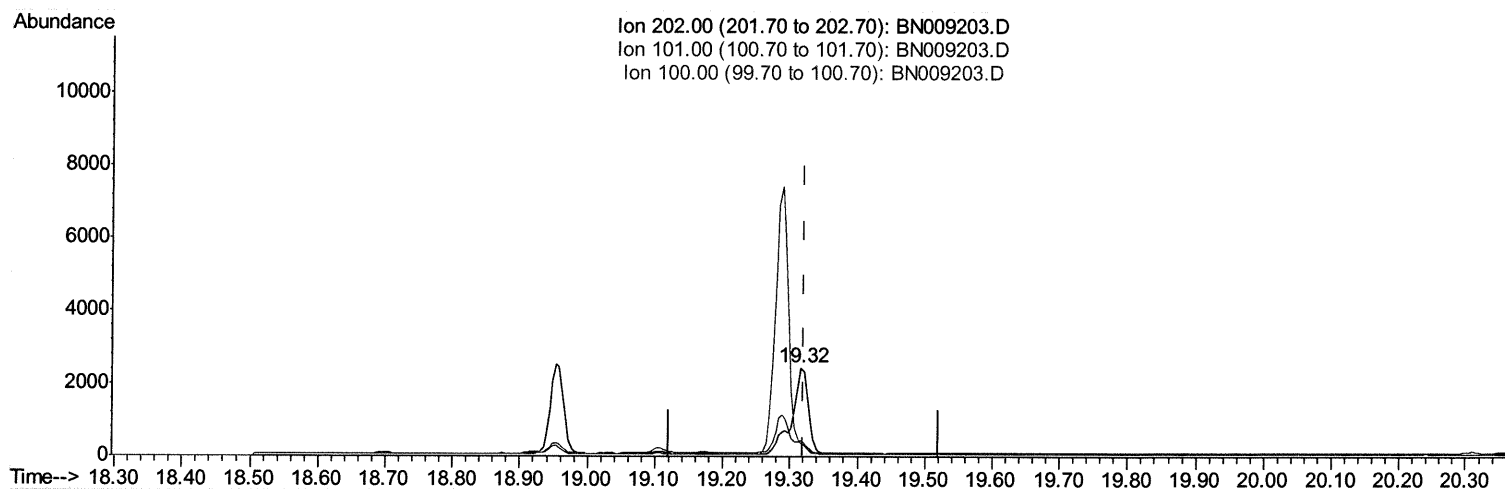
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009203.D
Acq On : 27 Dec 2019 20:16
Operator : JU
Sample : K6276-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C49

Manual Integrations
APPROVED

mohammad
12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 23:08:48 2019
Response via : Initial Calibration



(17) Pyrene

19.316min (-0.005) 0.08ng/ul m

JU 12/28/19

response 3267

Ion	Exp%	Act%
202.00	100	100
101.00	13.60	17.77#
100.00	11.30	15.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

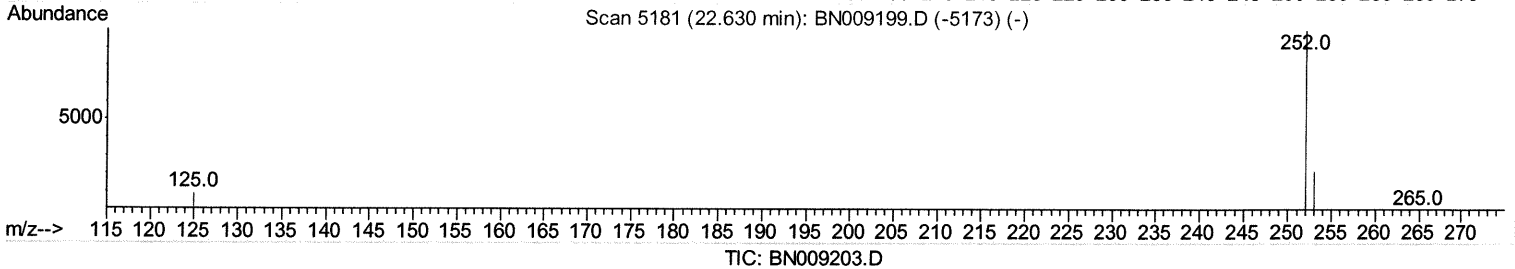
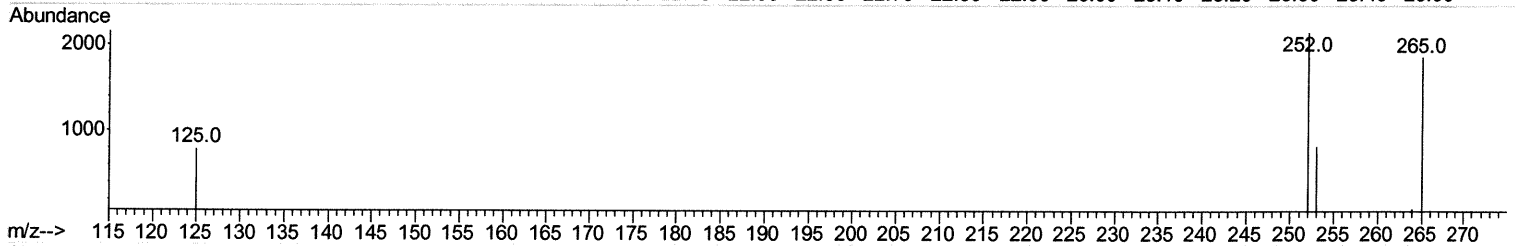
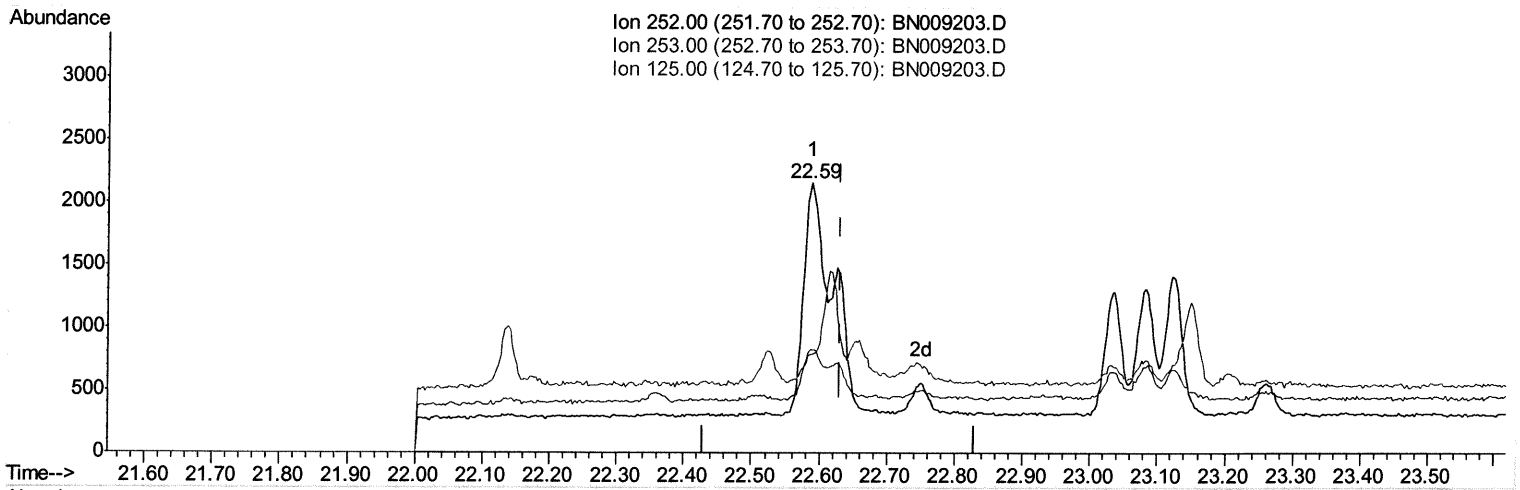
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009203.D
 Acq On : 27 Dec 2019 20:16
 Operator : JU
 Sample : K6276-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C49

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:23:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 23:08:48 2019
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.589min (-0.041) 0.11ng/ul
 response 3980

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	38.35#
125.00	15.50	36.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

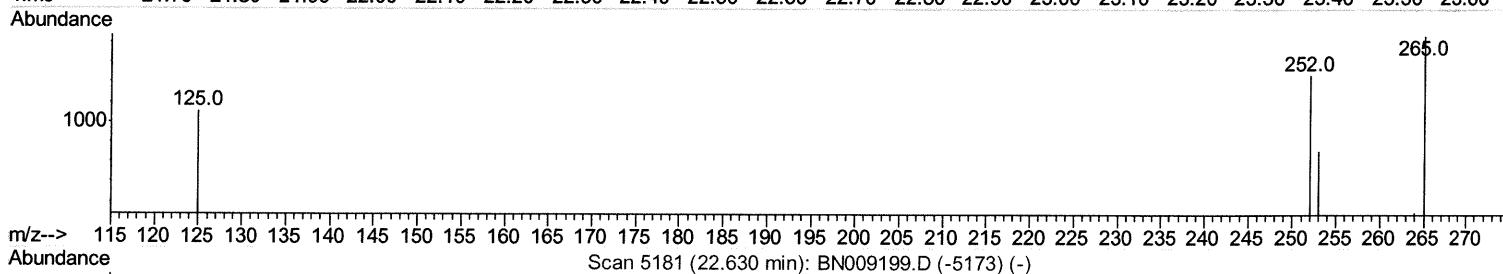
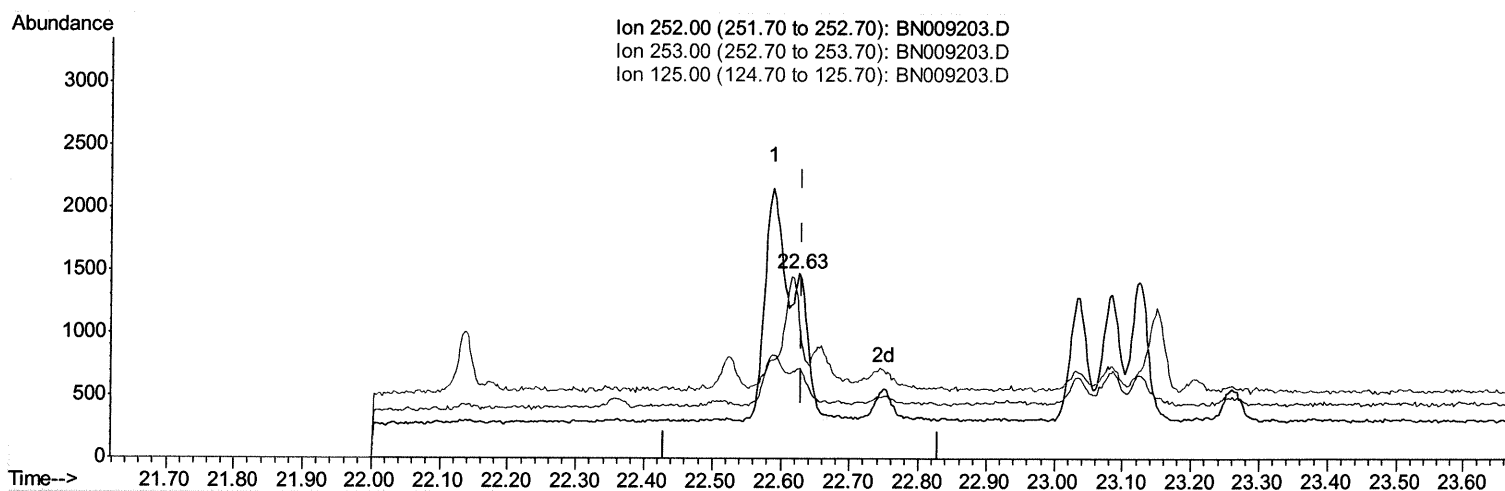
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009203.D
Acq On : 27 Dec 2019 20:16
Operator : JU
Sample : K6276-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C49

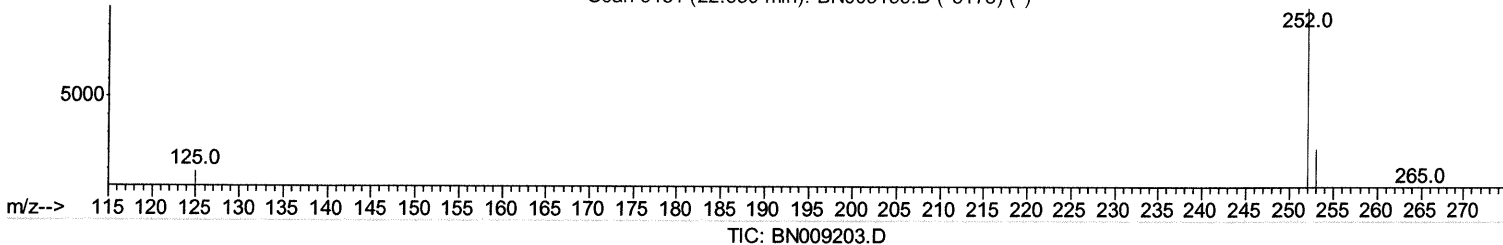
Manual Integrations
APPROVED

mohammad
12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:23:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 23:08:48 2019
Response via : Initial Calibration



Scan 5181 (22.630 min): BN009199.D (-5173) (-)



(22) Benzo(k)fluoranthene

22.627min (-0.003) 0.04ng/ul m

JU 12/28/19

response 1516

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	48.38#
125.00	15.50	74.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
 Data File : BN009203.D
 Acq On : 27 Dec 2019 20:16
 Operator : JU
 Sample : K6276-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0C49

Manual Integrations
 APPROVED

mohammad
 12/29/2019 5:30:58 PM

Quant Time: Dec 27 23:24:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 27 23:08:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2343	0.40	ng/ul	0.00
2) Naphthalene-d8	10.27	136	8316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4595	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	9624m >	0.40	ng/ul >	0.00
16) Chrysene-d12	21.09	240	8019	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7998	0.40	ng/ul	0.00

JU 12/28/19

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.86	152	2460	0.17	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	6239	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	16.93	178	1175	0.035	ng/ul#	85
15) Fluoranthene	18.95	202	3381	0.088	ng/ul	91
17) Pyrene	19.32	202	3267m >	0.080	ng/ul >	88
18) Benzo(a)anthracene	21.07	228	1821	0.051	ng/ul#	92
19) Chrysene	21.12	228	2577	0.072	ng/ul#	62
21) Benzo(b)fluoranthene	22.59	252	3980	0.107	ng/ul#	43
22) Benzo(k)fluoranthene	22.63	252	1516m >	0.040	ng/ul >	82
23) Benzo(a)pyrene	23.12	252	1911	0.058	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.31	276	1754	0.049	ng/ul#	
26) Benzo(a,h,i)perylene	25.94	276	1774	0.059	ng/ul#	

JU 12/28/19

JU 12/28/19

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