

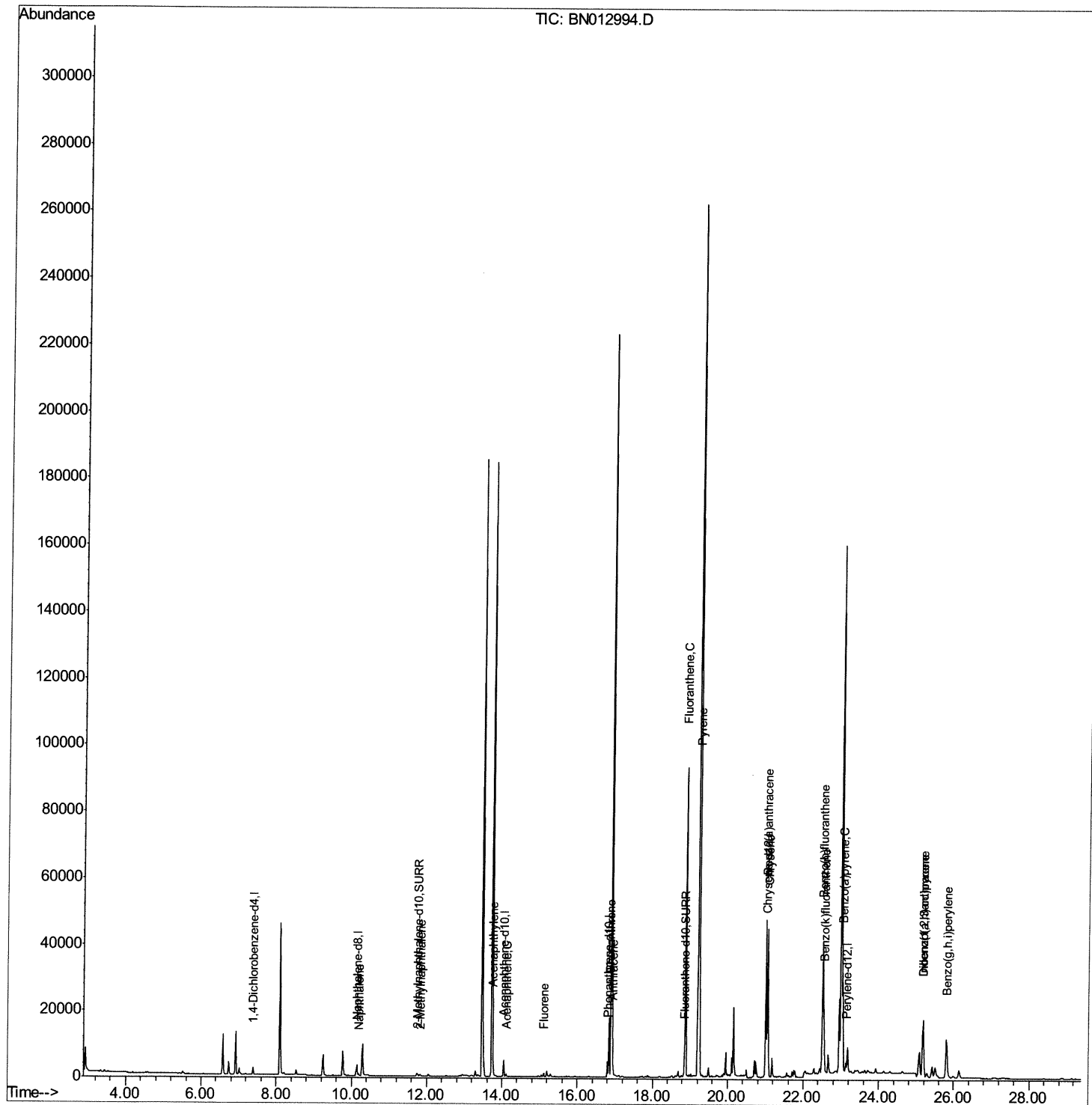
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012994.D
Acq On : 09 Dec 2020 02:53
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:51:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

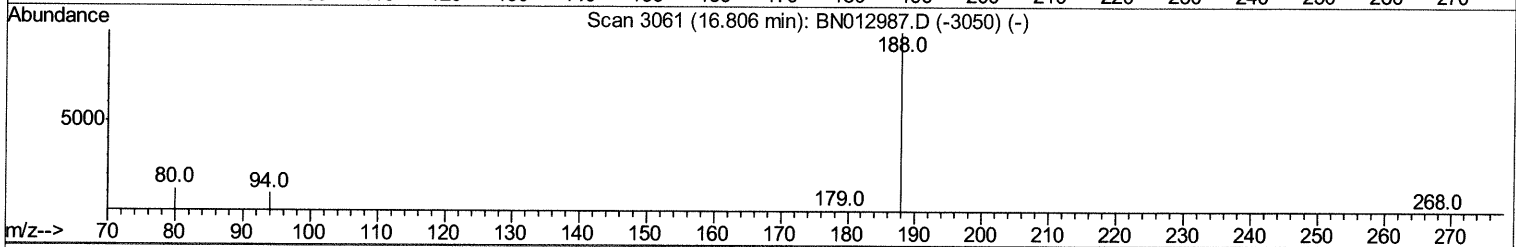
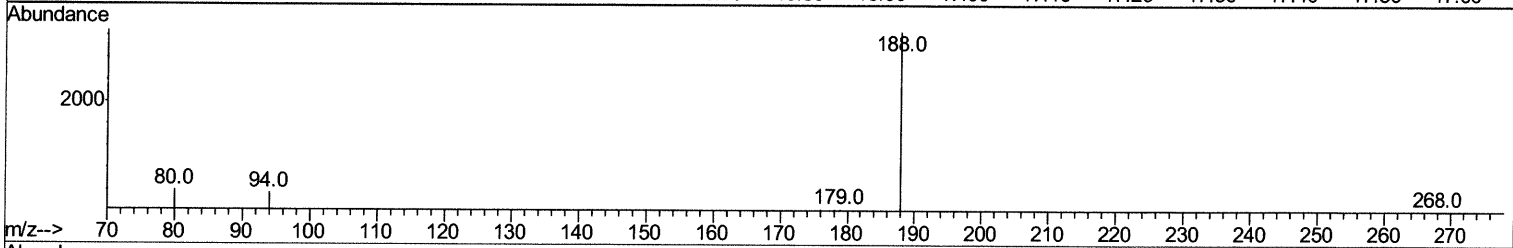
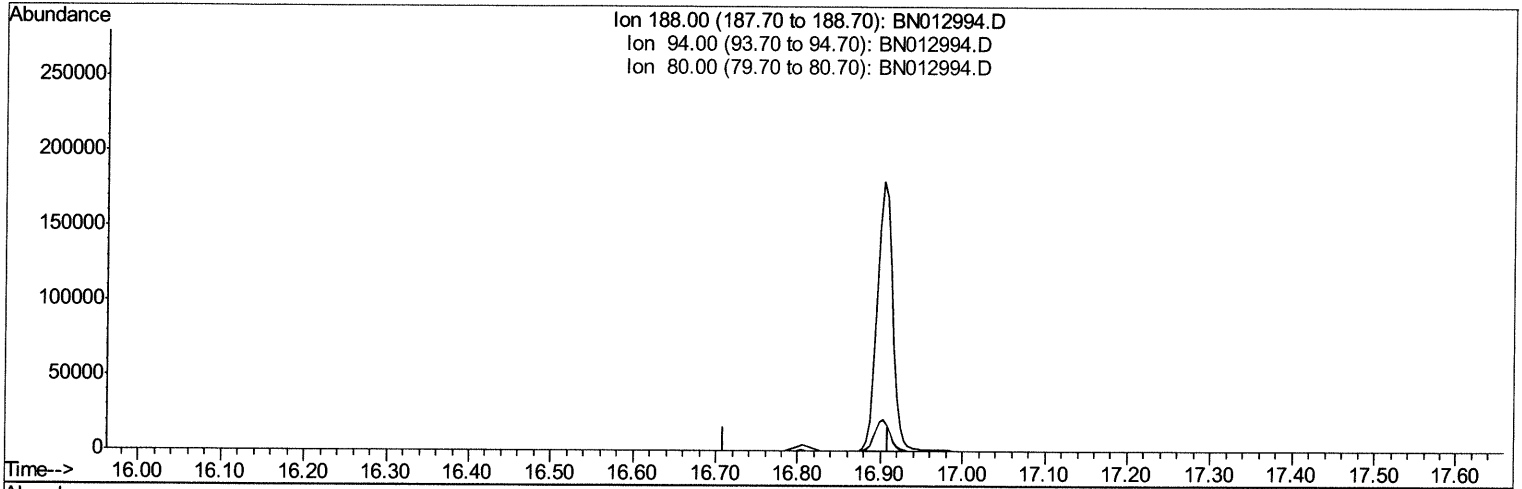
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
ClientSampleId :
 C0B98

Manual Integrations
APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:47:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.810min (-16.810) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.40	0.00#
80.00	12.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

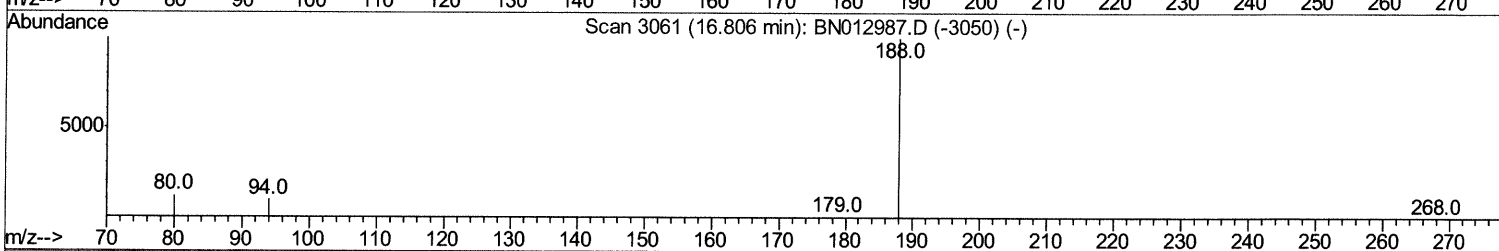
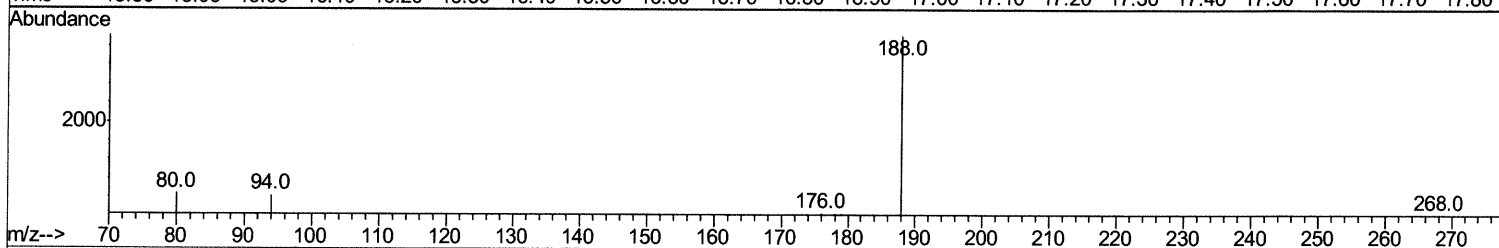
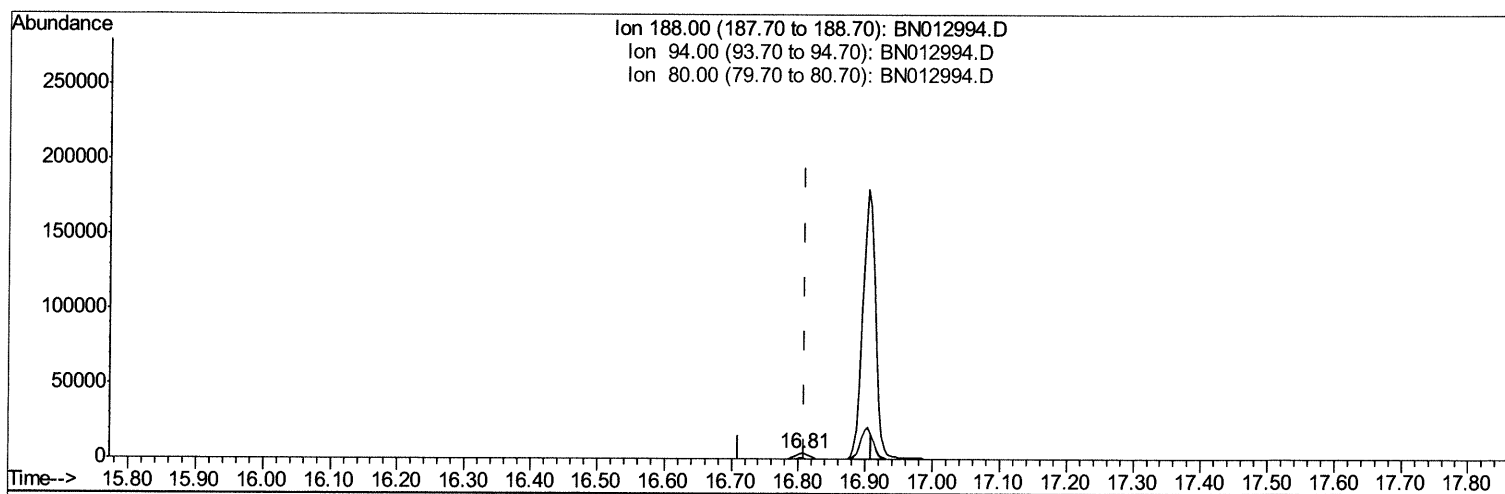
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012994.D
Acq On : 09 Dec 2020 02:53
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:47:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration



TIC: BN012994.D

(10) Phenanthrene-d10 (I)

16.806min (-0.004) 0.40ng/ul m

12/10/2020

response 5134

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	11.45
80.00	12.40	12.70
0.00	0.00	0.00

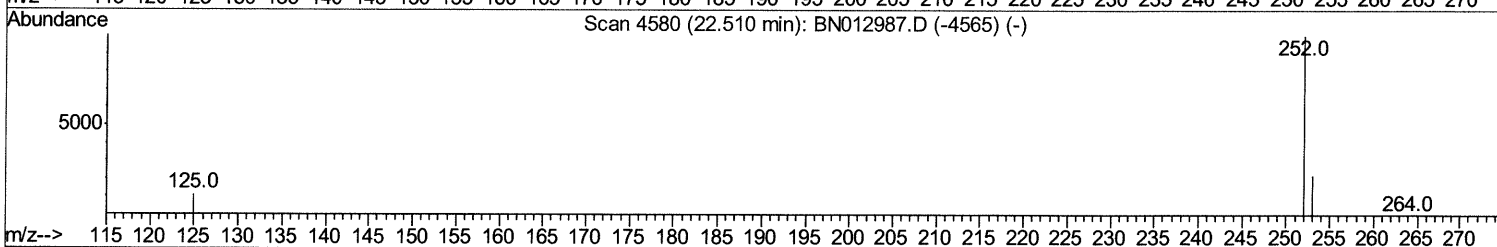
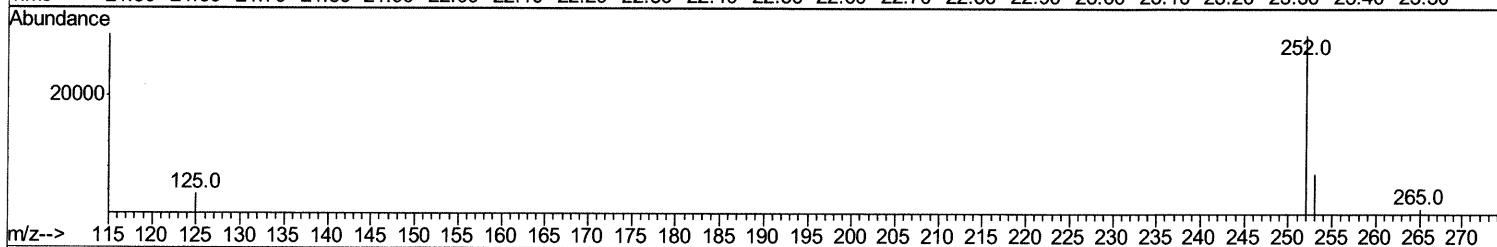
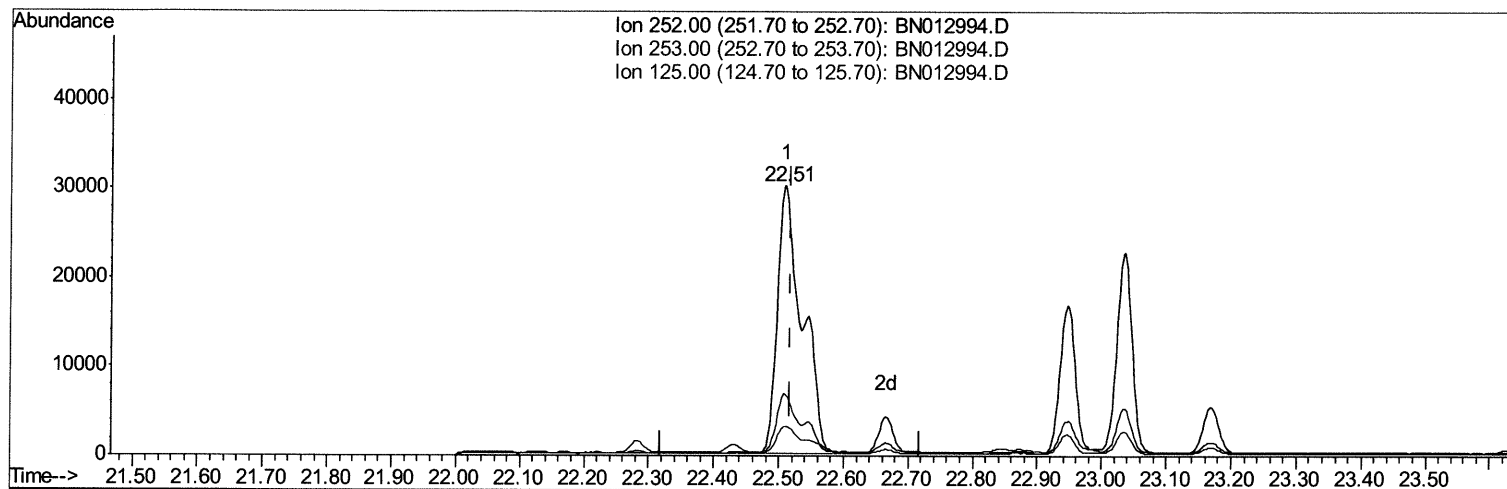
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012994.D
Acq On : 09 Dec 2020 02:53
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration



TIC: BN012994.D

(21) Benzo(b)fluoranthene

22.510min (-0.009) 5.39ng/ul

response 80444

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.87
125.00	13.00	10.93
0.00	0.00	0.00

Quantitation Report (Qedit)

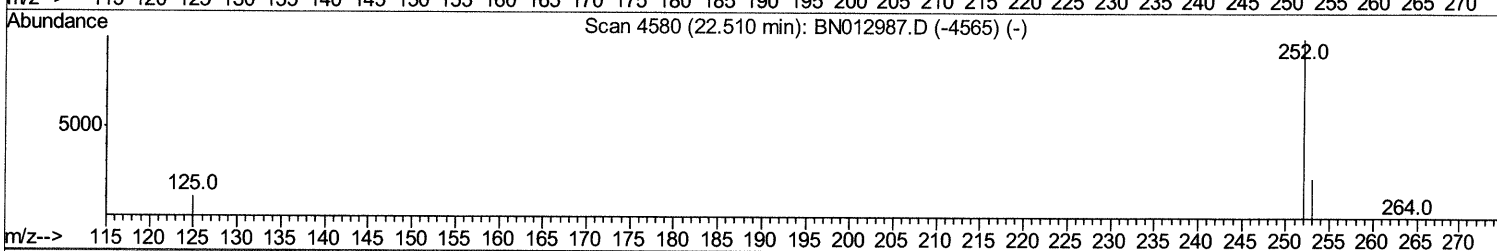
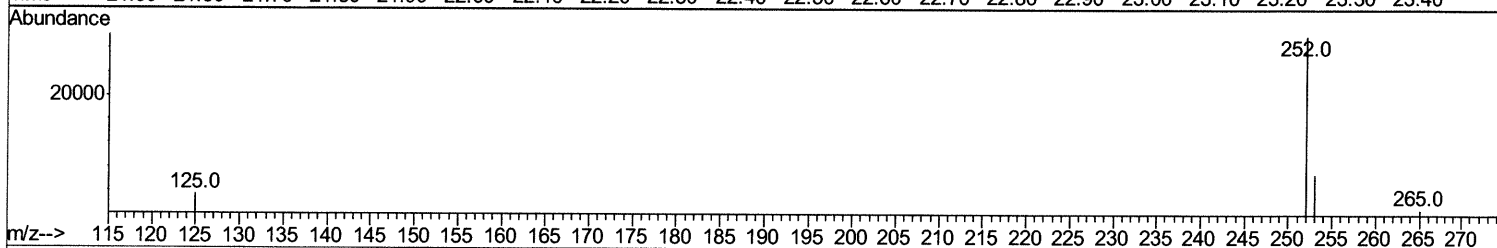
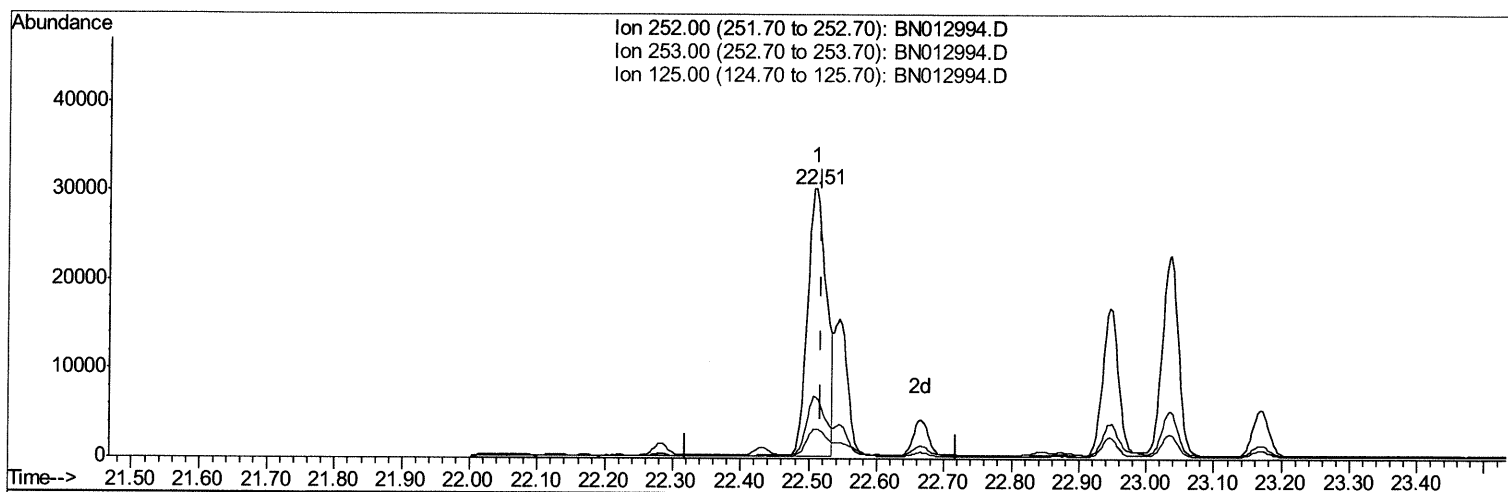
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration



TIC: BN012994.D

(21) Benzo(b)fluoranthene

22.510min (-0.009) 3.90ng/ul m 12/10/2020

response 58260

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.87
125.00	13.00	10.93
0.00	0.00	0.00

Quantitation Report (Qedit)

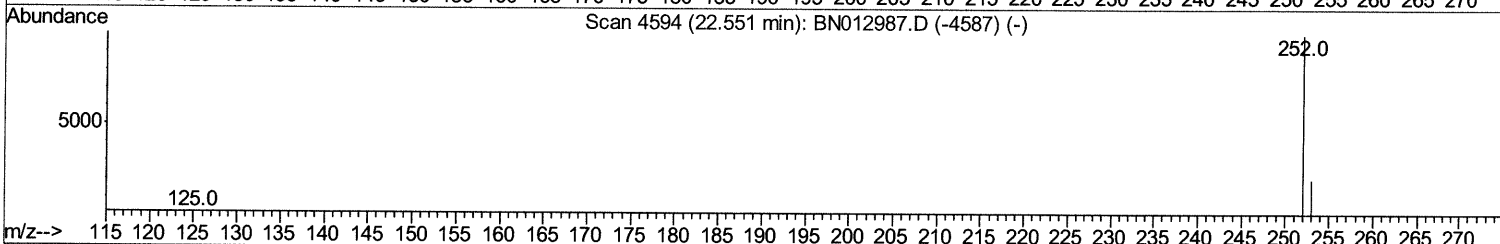
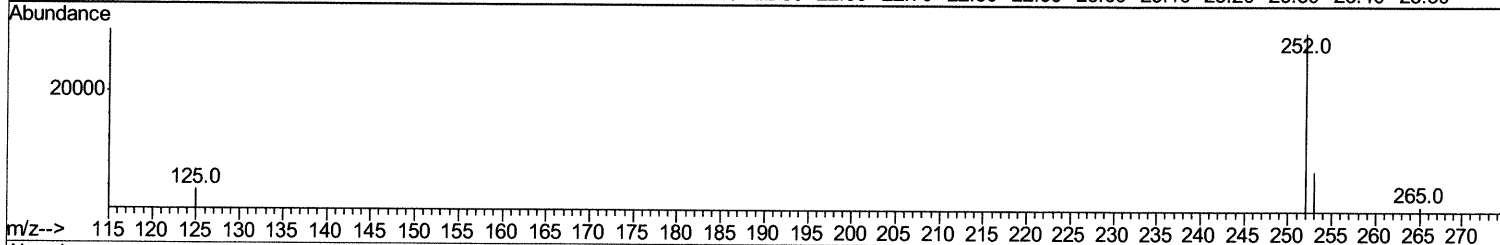
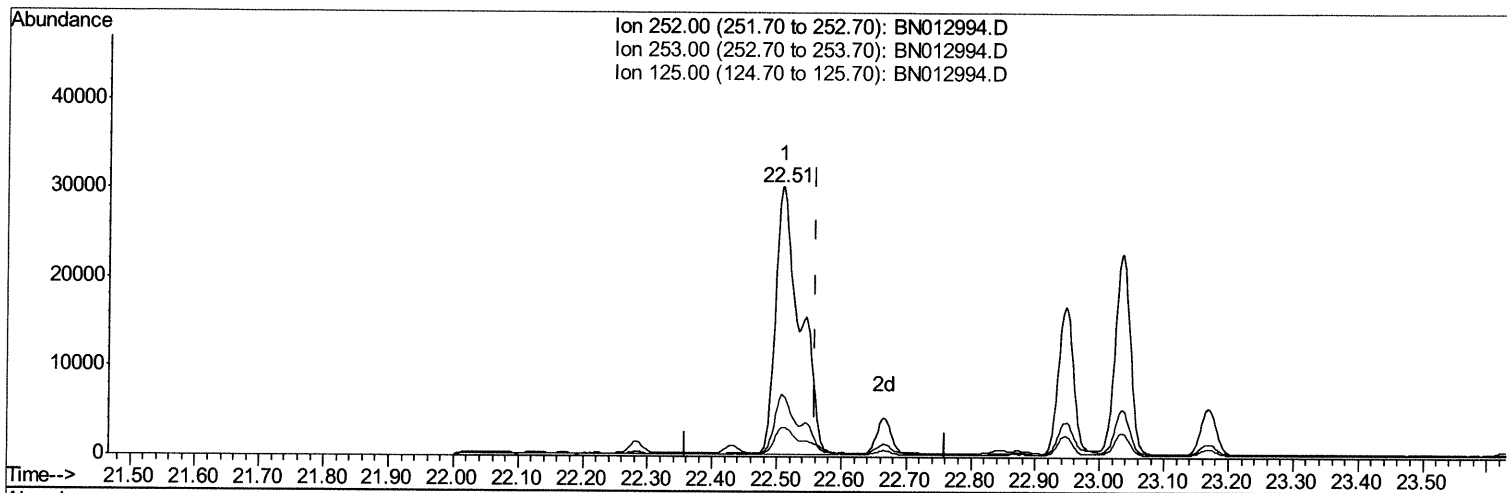
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration



TIC: BN012994.D

(22) Benzo(k)fluoranthene
 22.510min (-0.050) 4.87ng/ul
 response 80444

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	22.87#
125.00	13.90	10.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

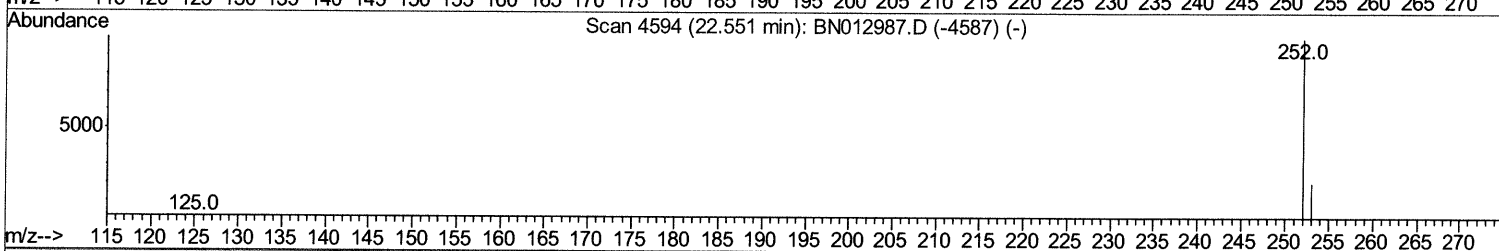
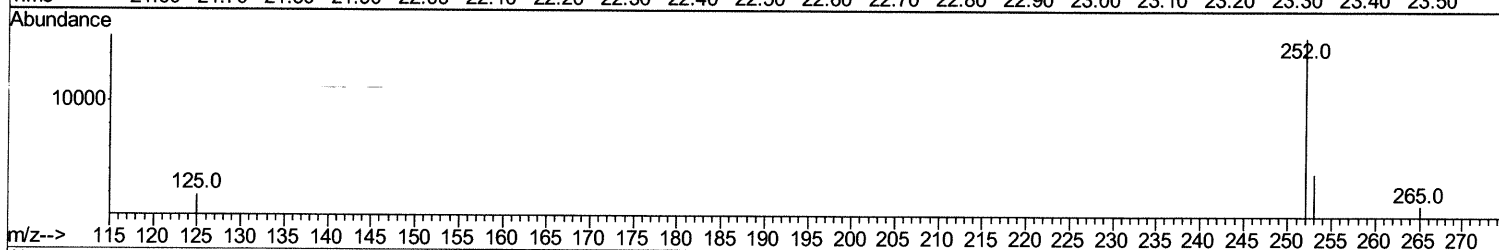
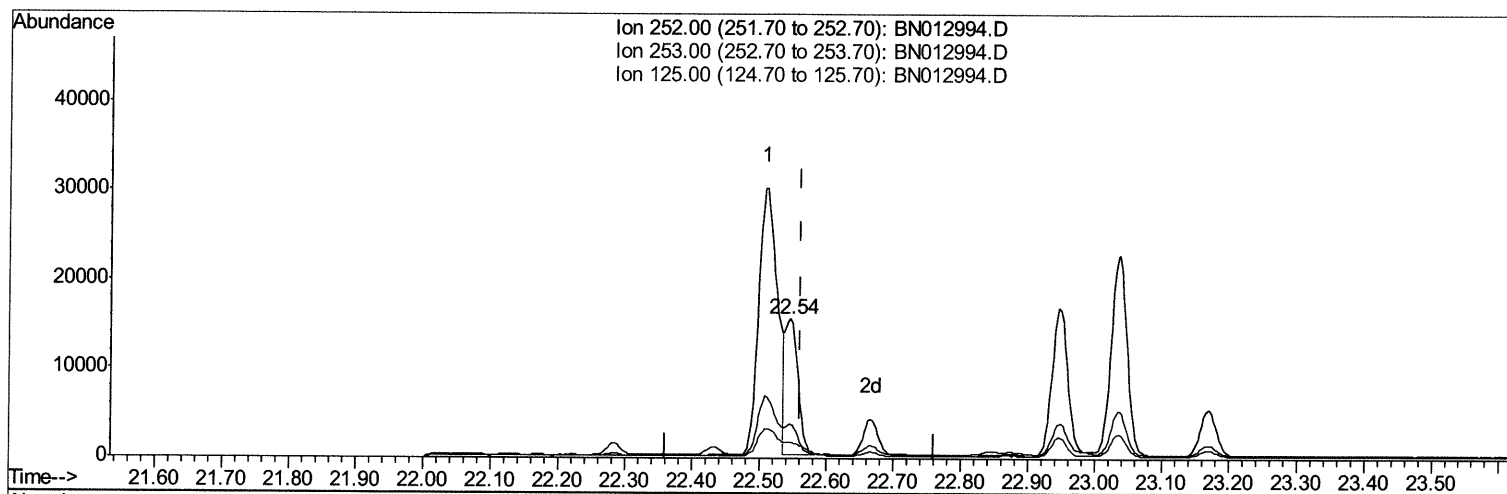
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
Data File : BN012994.D
Acq On : 09 Dec 2020 02:53
Operator : CG/JU
Sample : L4942-05
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0B98

Manual Integrations
APPROVED

mohammad
12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 03:31:51 2020
Response via : Initial Calibration



TIC: BN012994.D

(22) Benzo(k)fluoranthene

22.545min (-0.015) 1.30ng/ul m 12/10/2020

response 21503

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	24.58
125.00	13.90	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

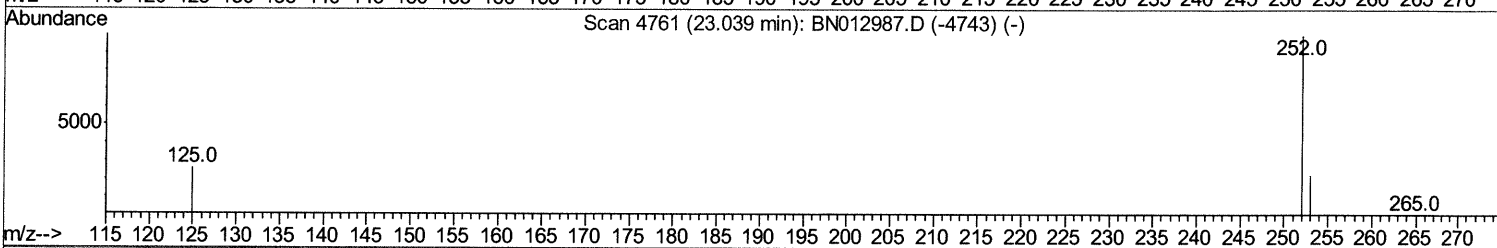
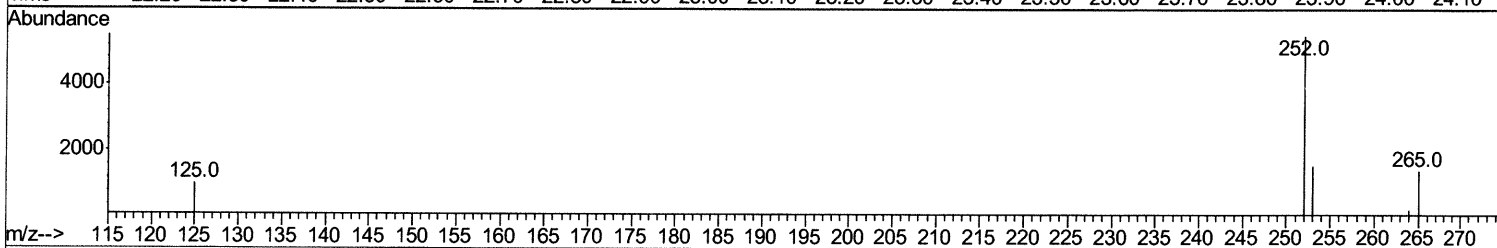
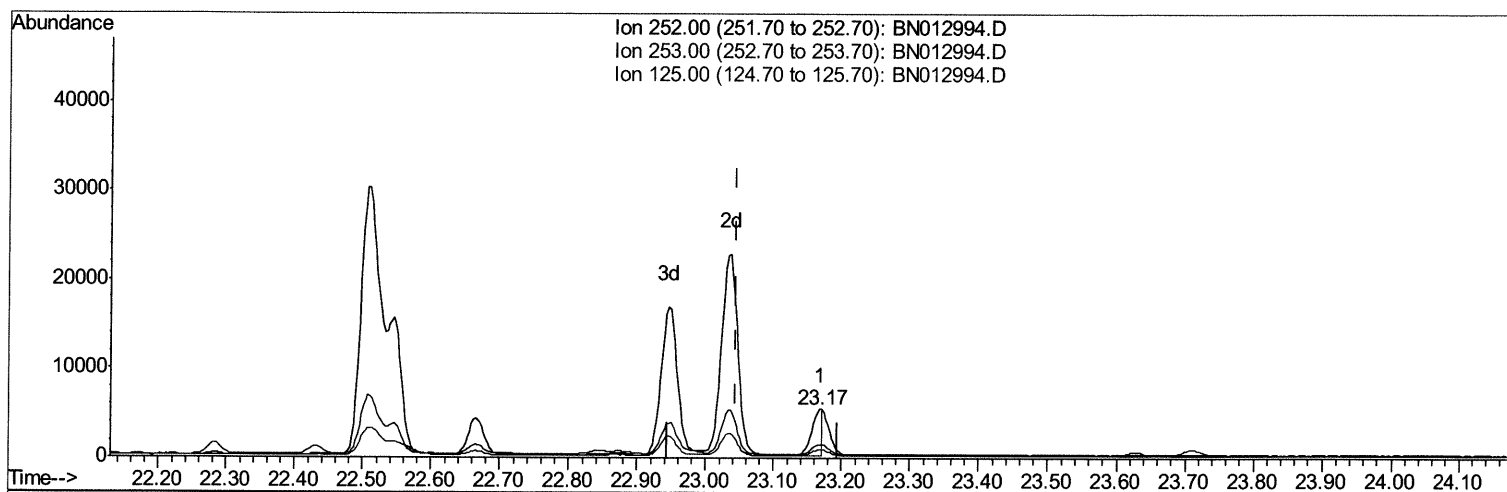
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration



TIC: BN012994.D

(23) Benzo(a)pyrene (C)
 23.168min (+0.123) 0.39ng/ul
 response 5398

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	28.58
125.00	17.70	18.57
0.00	0.00	0.00

Quantitation Report (Qedit)

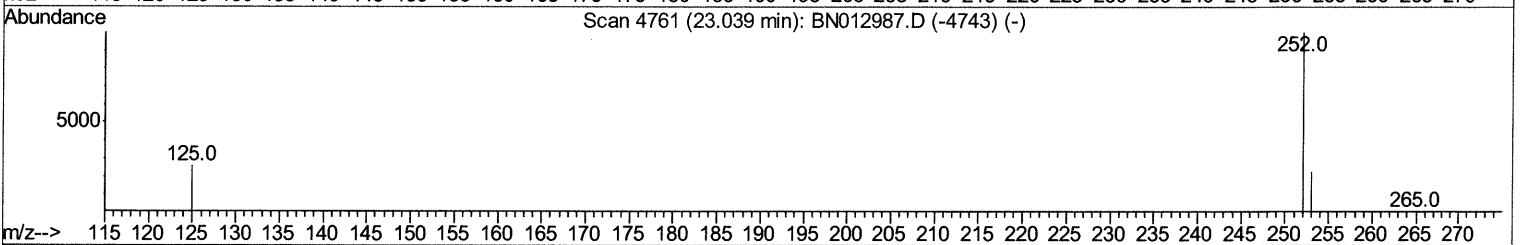
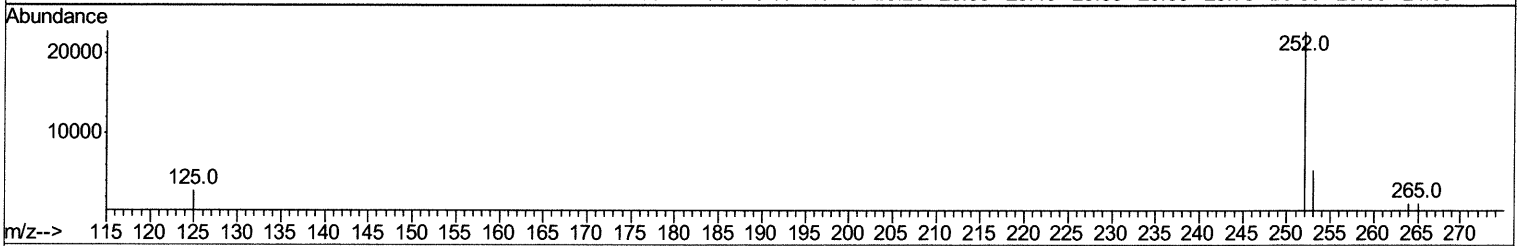
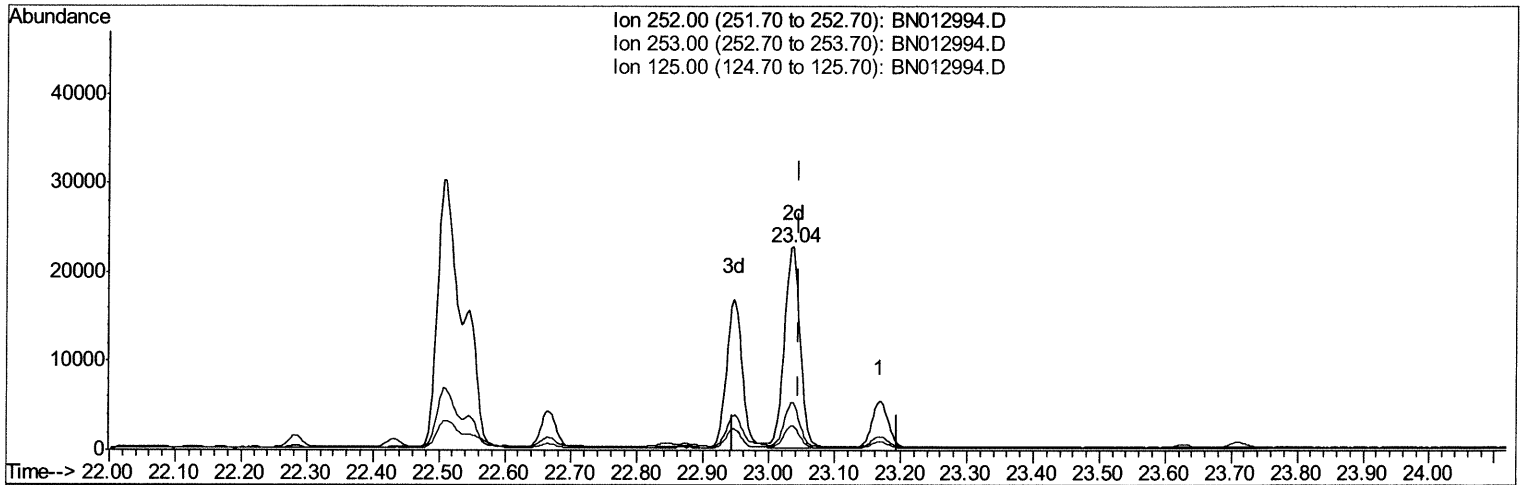
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:48:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration



TIC: BN012994.D

(23) Benzo(a)pyrene (C)

23.036min (-0.009) 2.74ng/ul m 12/10/2024

response 37927

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	23.74#
125.00	17.70	12.24#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120720\
 Data File : BN012994.D
 Acq On : 09 Dec 2020 02:53
 Operator : CG/JU
 Sample : L4942-05
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B98

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:25:40 PM

Quant Time: Dec 09 03:51:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 03:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1089	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	4462	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	2519	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	5134m>	0.40	ng/ul>	0.00
16) Chrysene-d12	21.03	240	3883	0.40	ng/ul	0.00
20) Perylene-d12	23.13	264	3228	0.40	ng/ul	-0.01

12/10/20 JU

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.75	152	1253	0.19	ng/ul	-0.01
14) Fluoranthene-d10	18.85	212	2621	0.19	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.19	128	602	0.047	ng/ul#	85
5) 2-Methylnaphthalene	11.82	142	471	0.056	ng/ul	93
7) Acenaphthylene	13.76	152	1083	0.091	ng/ul#	92
8) Acenaphthene	14.11	153	475	0.049	ng/ul	97
9) Fluorene	15.11	166	636	0.057	ng/ul#	96
12) Phenanthrene	16.85	178	18901	1.098	ng/ul	97
13) Anthracene	16.94	178	3378	0.231	ng/ul	99
15) Fluoranthene	18.88	202	76932	3.761	ng/ul	97
17) Pyrene	19.25	202	69519	3.790	ng/ul	99
18) Benzo(a)anthracene	21.01	228	37941	2.362	ng/ul	99
19) Chrysene	21.06	228	43198	2.434	ng/ul	99
21) Benzo(b)fluoranthene	22.51	252	58260m	3.901	ng/ul	12/10/20 JU
22) Benzo(k)fluoranthene	22.54	252	21503m	1.303	ng/ul	
23) Benzo(a)pyrene	23.04	252	37927m	2.737	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.18	276	25738	1.414	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.18	278	6091	0.423	ng/ul	96
26) Benzo(a,h,i)perylene	25.81	276	22805	1.385	ng/ul	97

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