

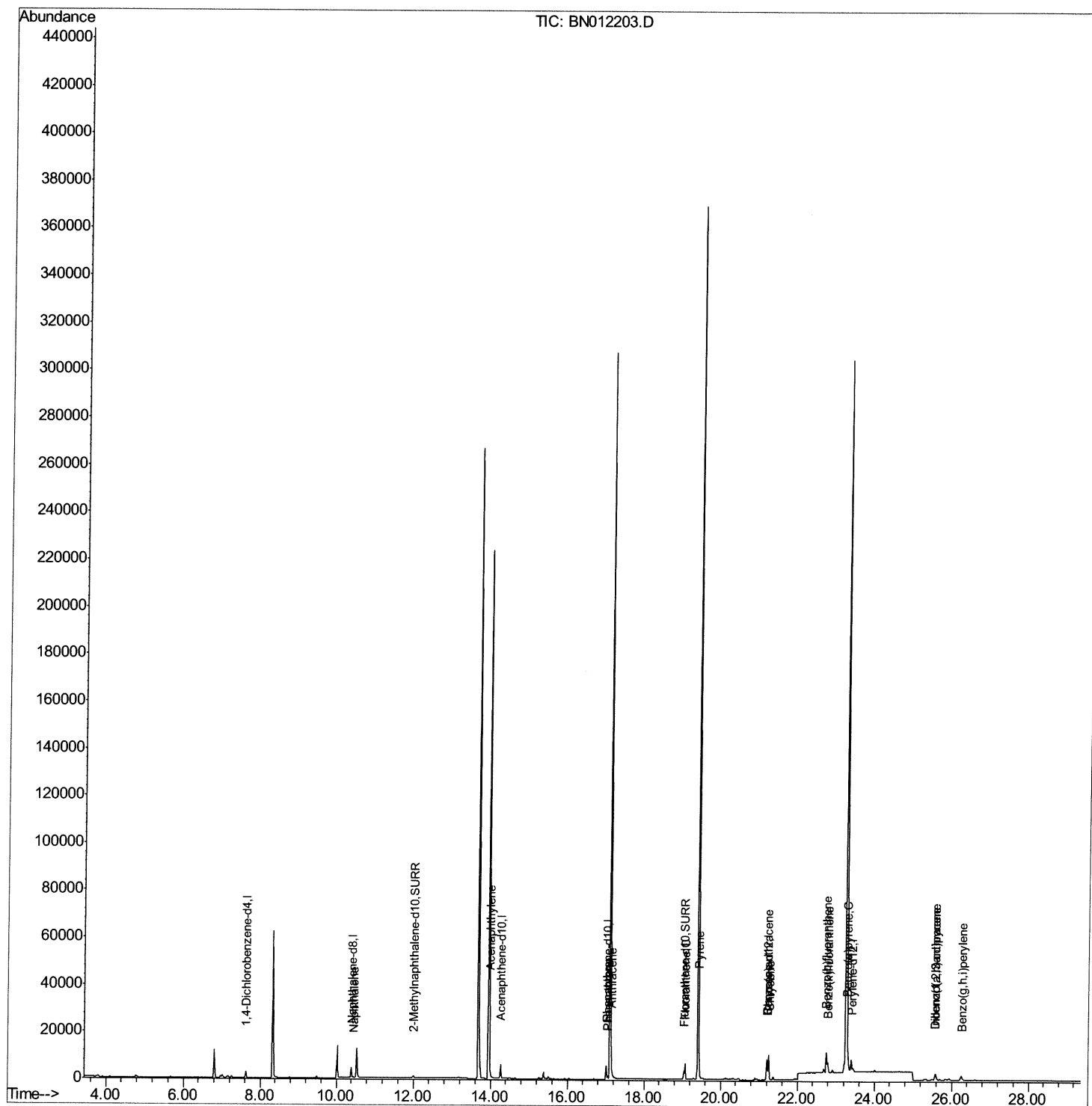
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:07:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\

Data File : BN012203.D

Acq On : 14 Oct 2020 20:19

Operator : CG/JU

Sample : L4166-05

Misc :

ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AC4

Manual Integrations
APPROVEDmohammad
10/15/2020 8:20:55 AM

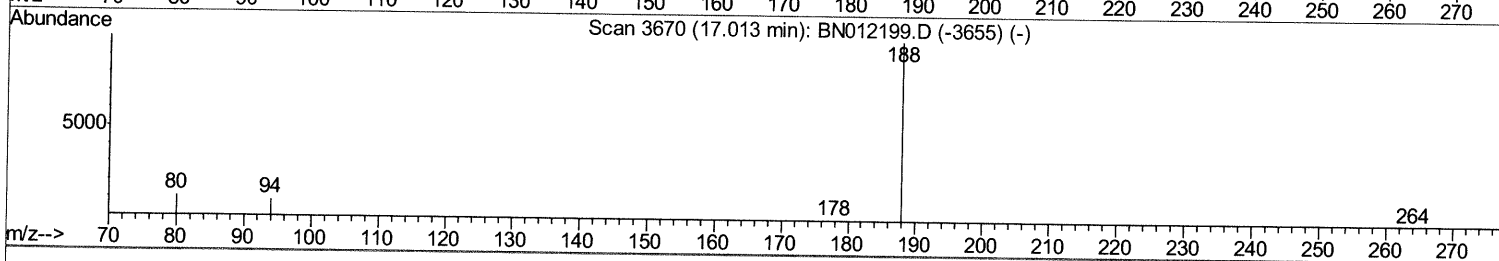
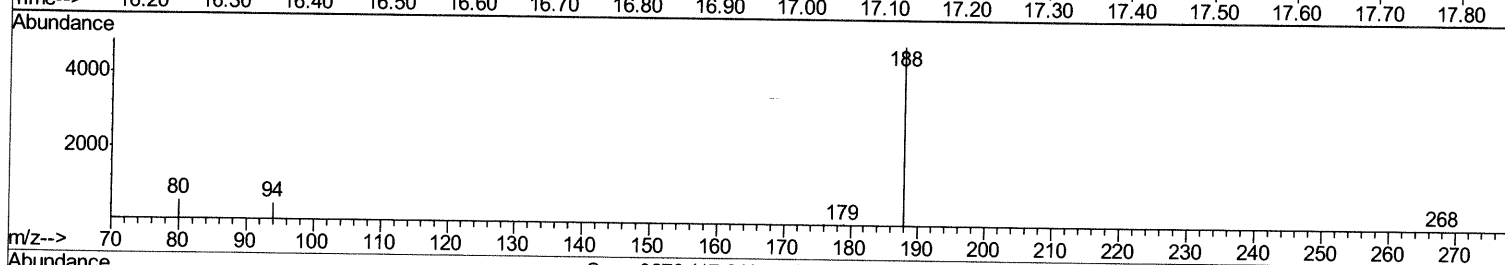
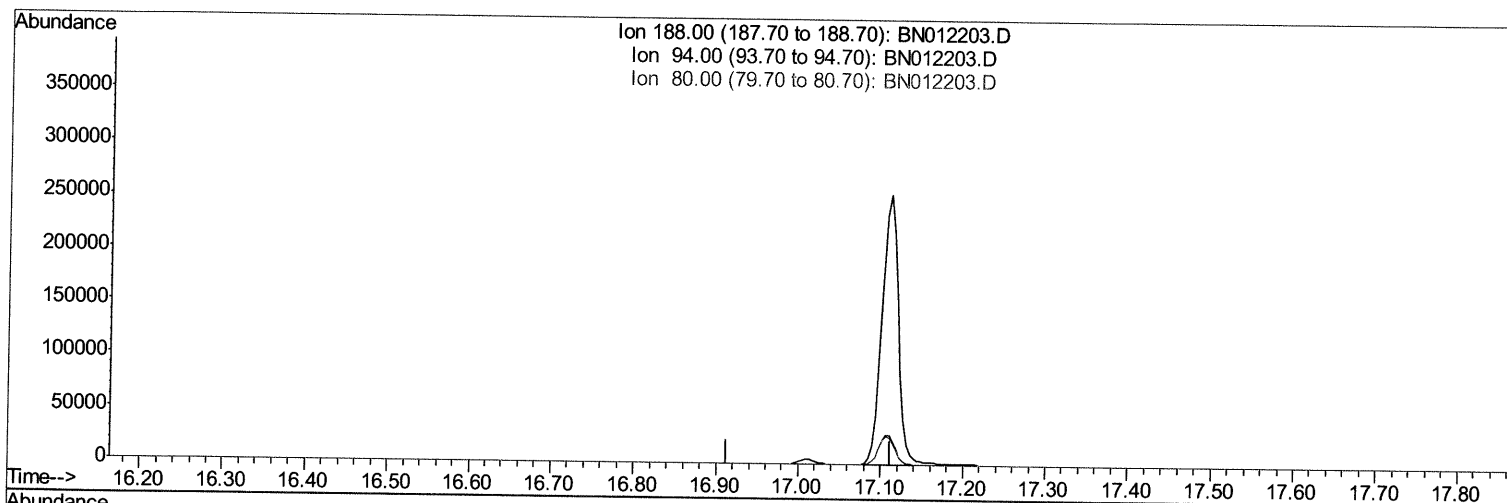
Quant Time: Oct 15 00:53:50 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 15 00:46:15 2020

Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.013min (-17.013) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.20	0.00#
80.00	12.20	0.00#
0.00	0.00	0.00

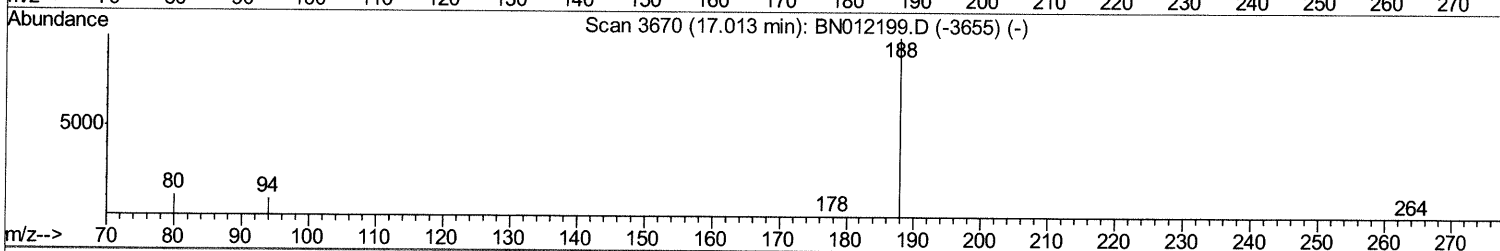
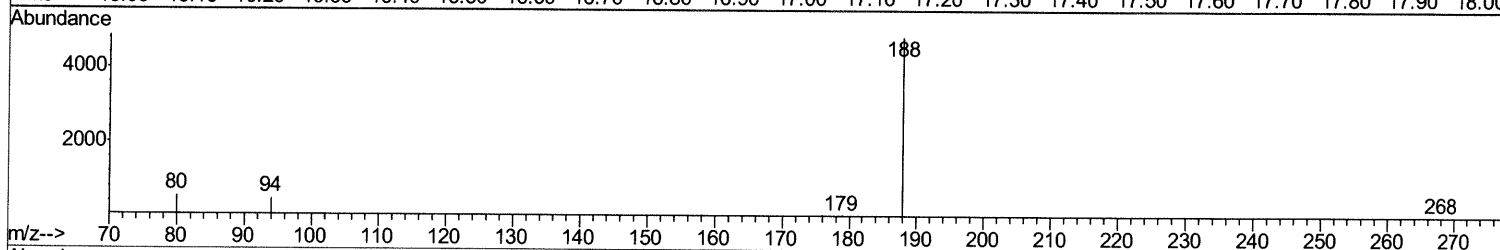
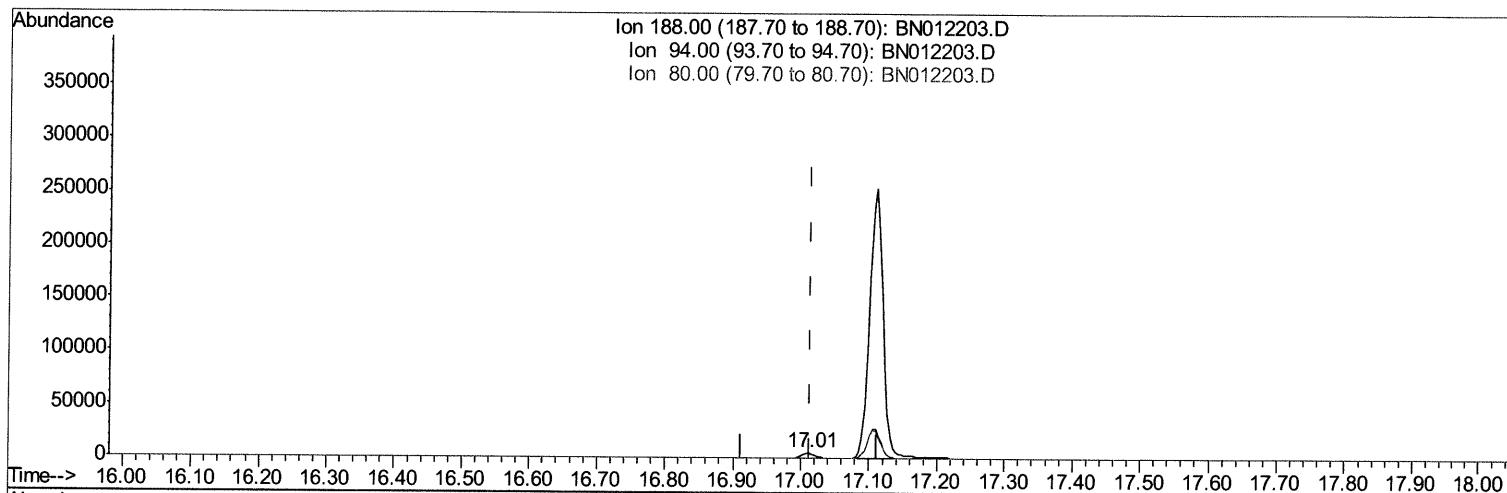
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 00:53:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012203.D

(10) Phenanthrene-d10 (I)

17.013min (-0.000) 0.40ng/ul m

response 6893

Ion	Exp%	Act%
188.00	100	100
94.00	11.20	10.06
80.00	12.20	11.34
0.00	0.00	0.00

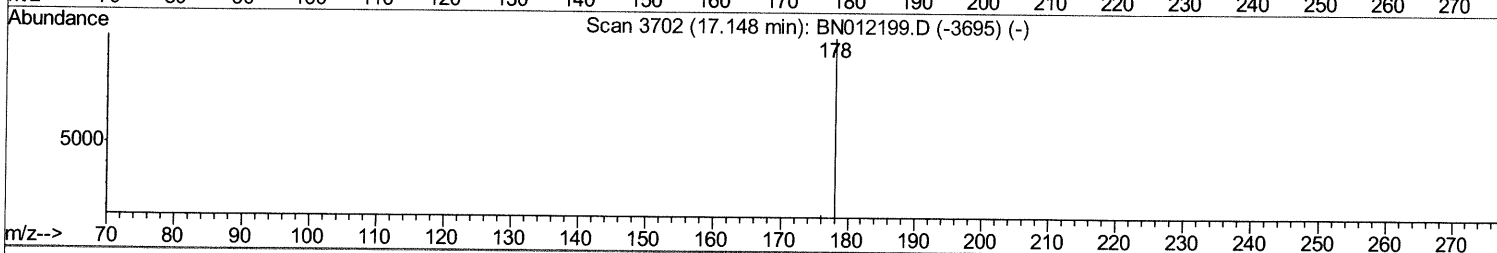
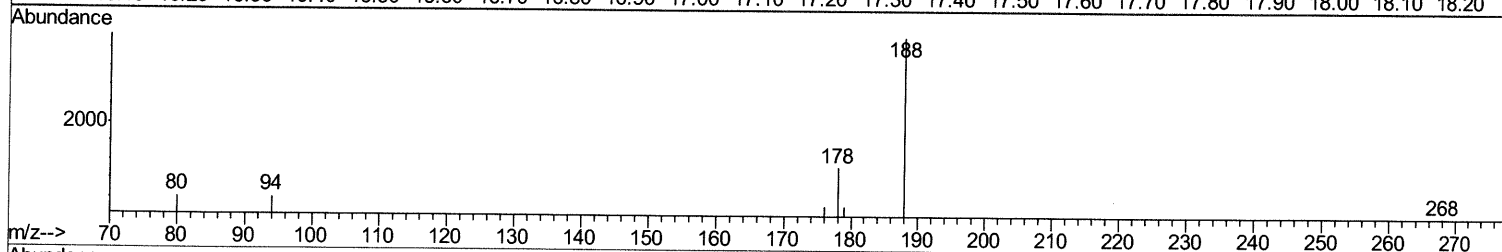
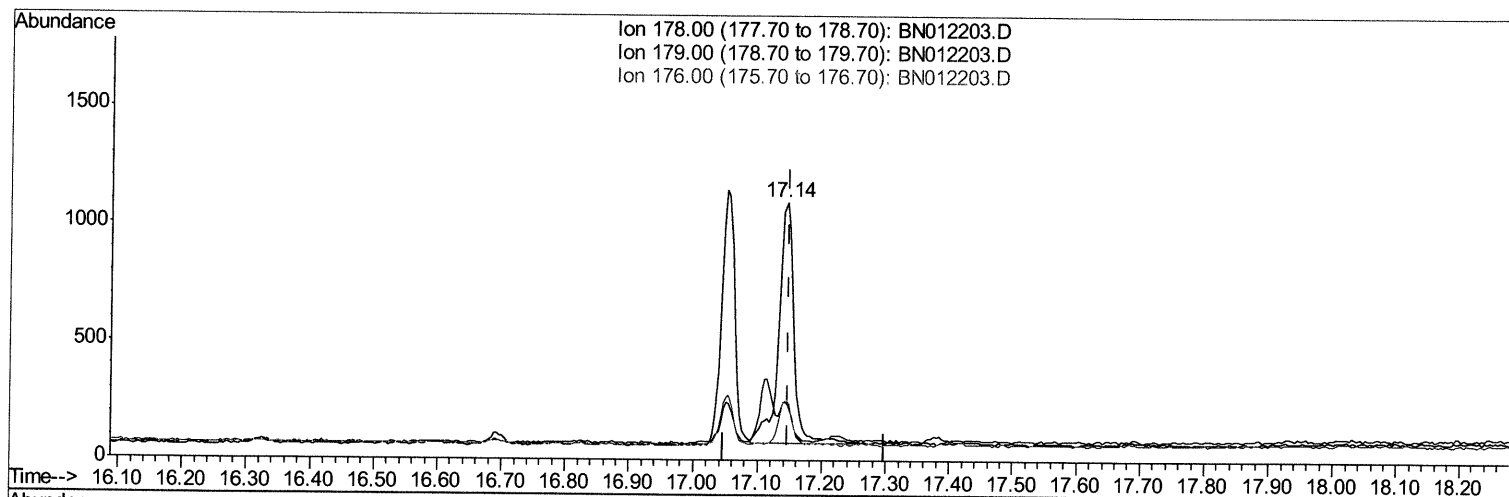
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012203.D

(13) Anthracene

17.144min (-0.004) 0.09ng/ul

response 1726

Ion	Exp%	Act%
178.00	100	100
179.00	17.40	22.45#
176.00	19.20	23.27#
0.00	0.00	0.00

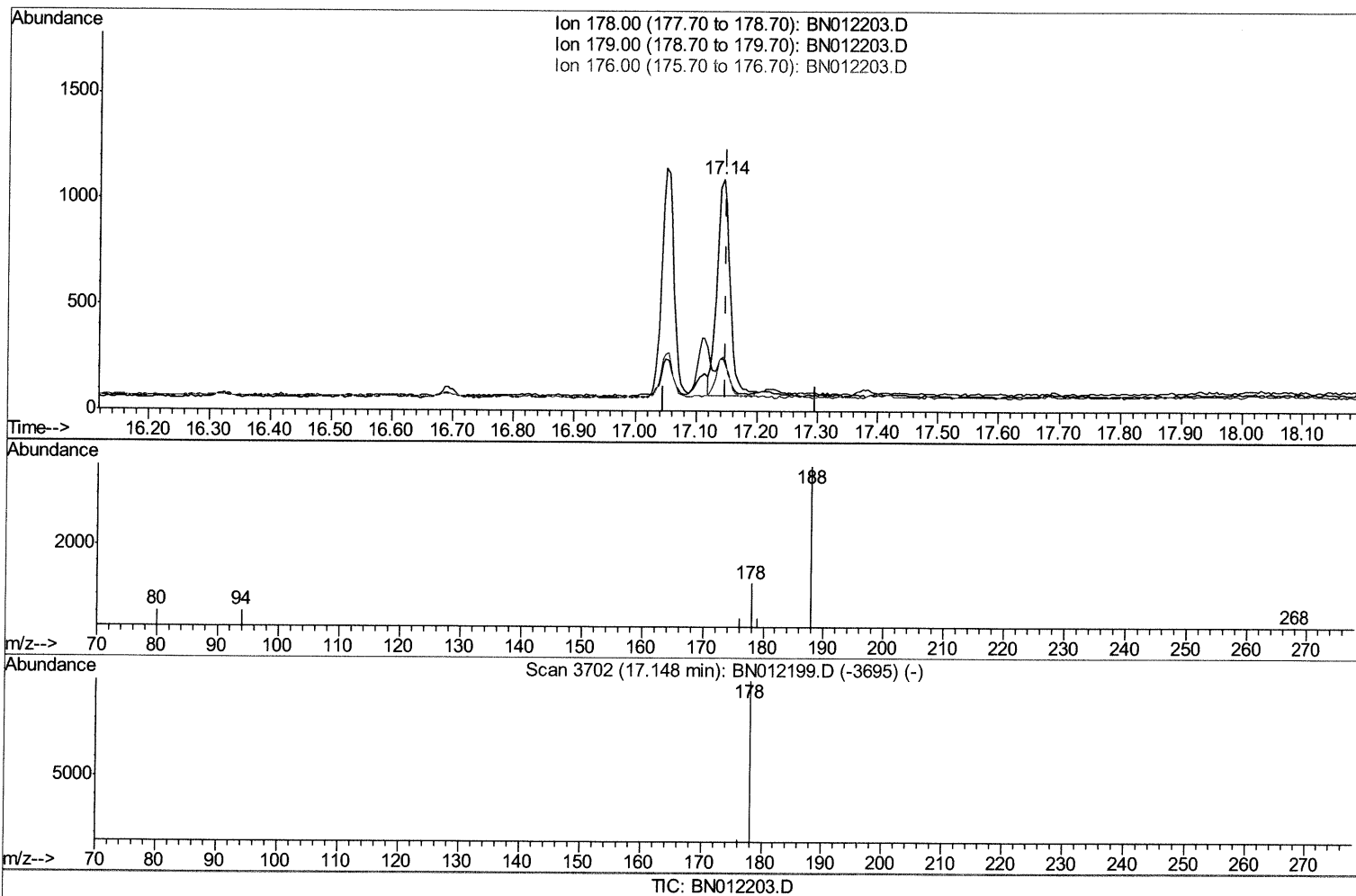
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



(13) Anthracene

17.144min (-0.004) 0.08ng/ul m

response 1532

Ion	Exp%	Act%
178.00	100	100
179.00	17.40	22.45#
176.00	19.20	23.27#
0.00	0.00	0.00

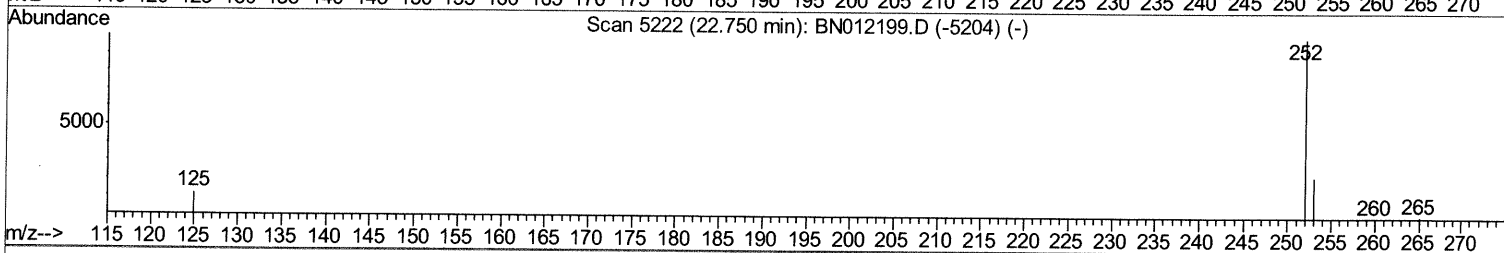
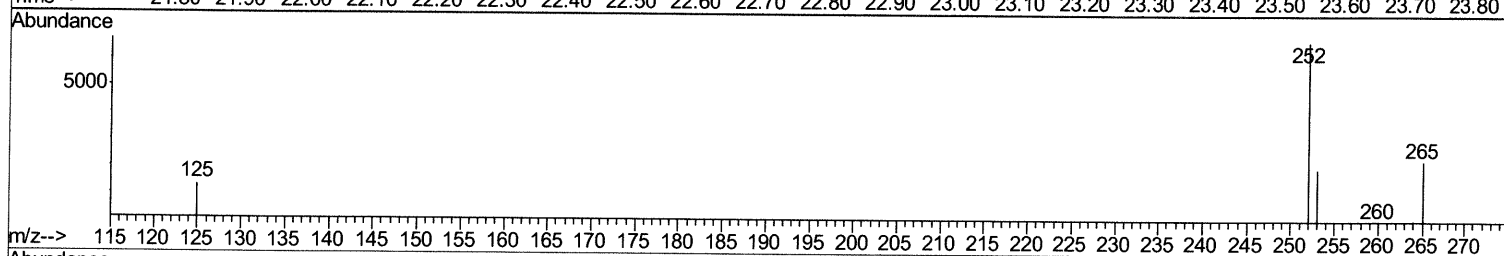
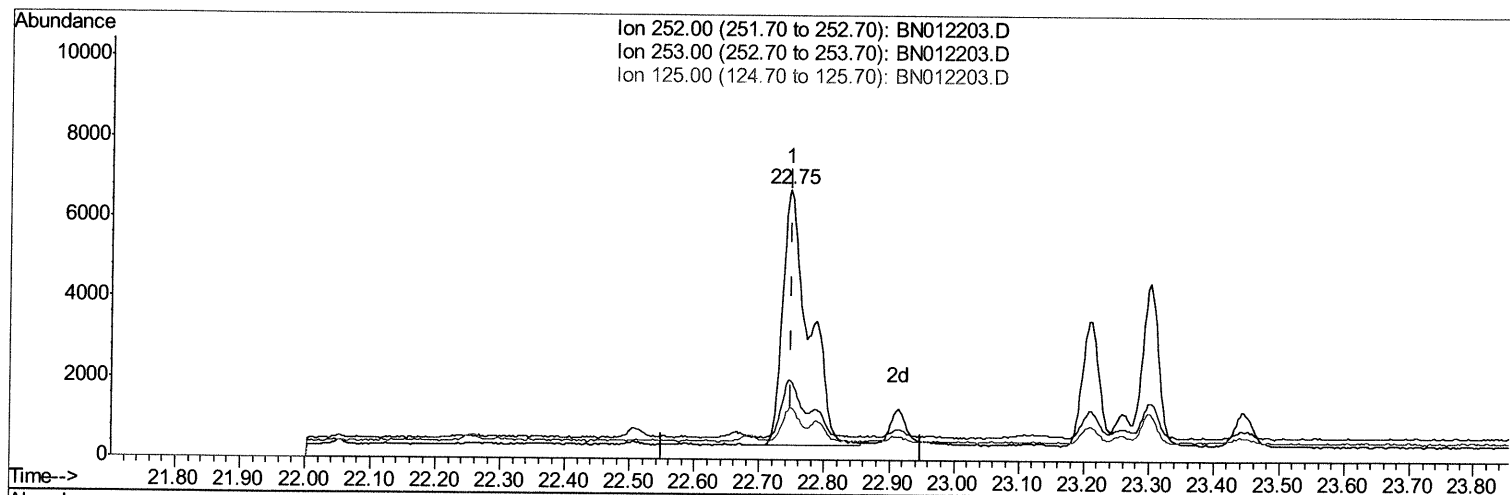
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012203.D

(21) Benzo(b)fluoranthene

22.747min (-0.003) 0.65ng/ul

response 17917

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	29.56
125.00	18.40	19.47
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\

Data File : BN012203.D

Acq On : 14 Oct 2020 20:19

Operator : CG/JU

Sample : L4166-05

Misc :

ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

C0AC4

Manual Integrations
APPROVEDmohammad
10/15/2020 8:20:55 AM

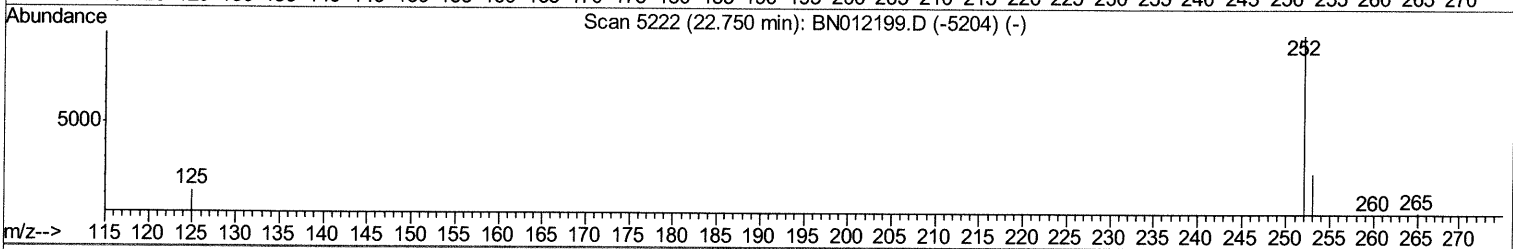
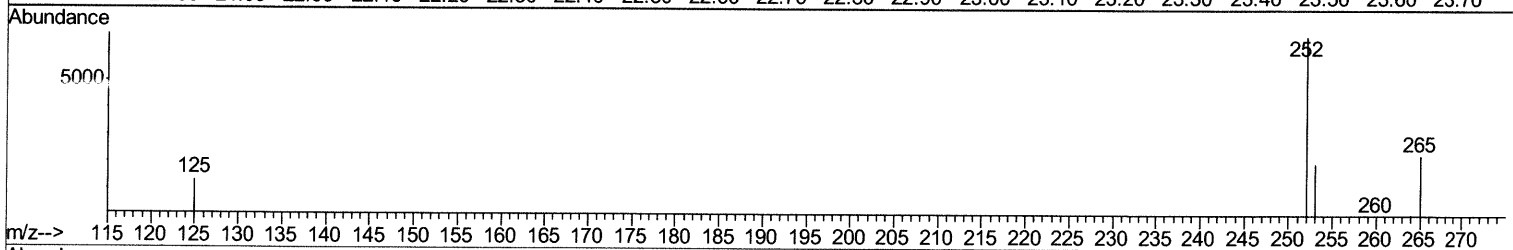
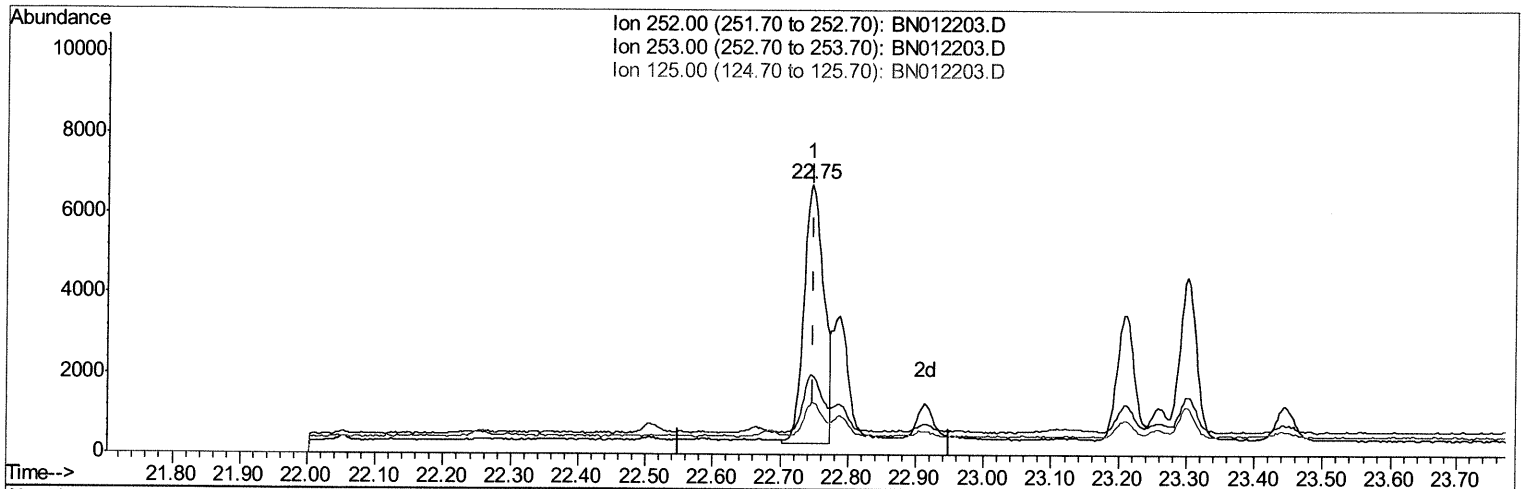
Quant Time: Oct 15 01:06:08 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Oct 15 00:46:15 2020

Response via : Initial Calibration



TIC: BN012203.D

(21) Benzo(b)fluoranthene

22.747min (-0.003) 0.47ng/ul m

response 13021

Ion	Exp%	Act%
252.00	100	100
253.00	30.80	29.56
125.00	18.40	19.47
0.00	0.00	0.00

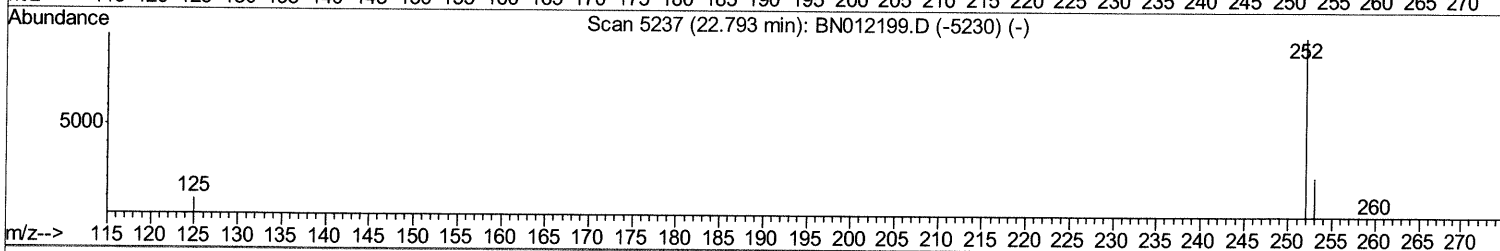
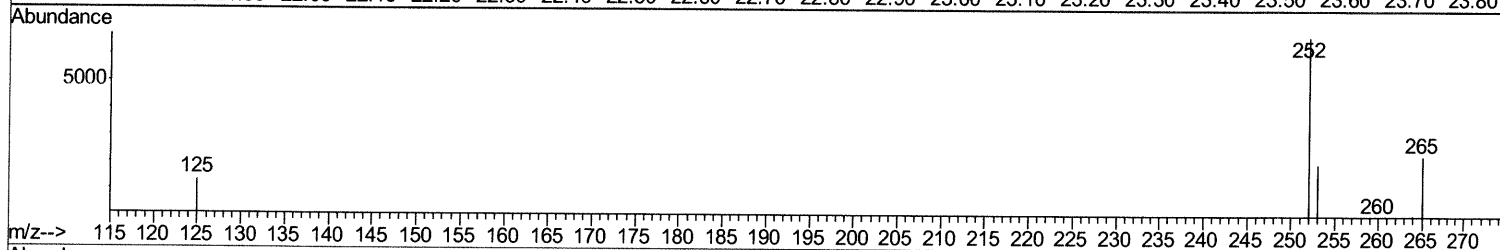
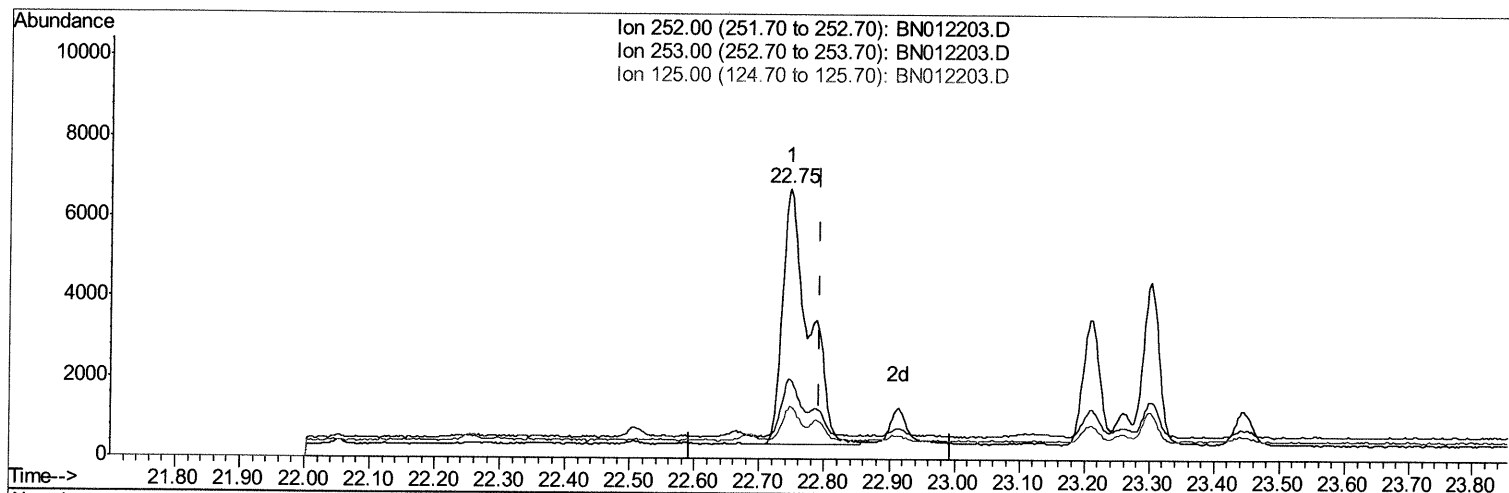
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012203.D

(22) Benzo(k)fluoranthene

22.747min (-0.047) 0.59ng/ul

response 17917

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	29.56
125.00	16.10	19.47#
0.00	0.00	0.00

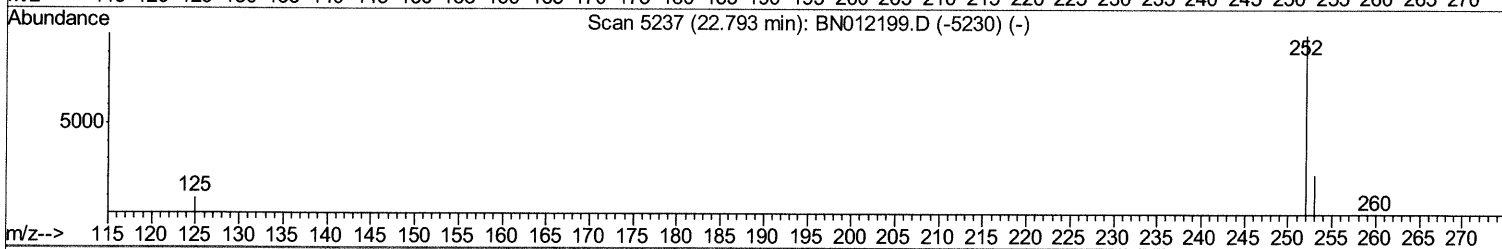
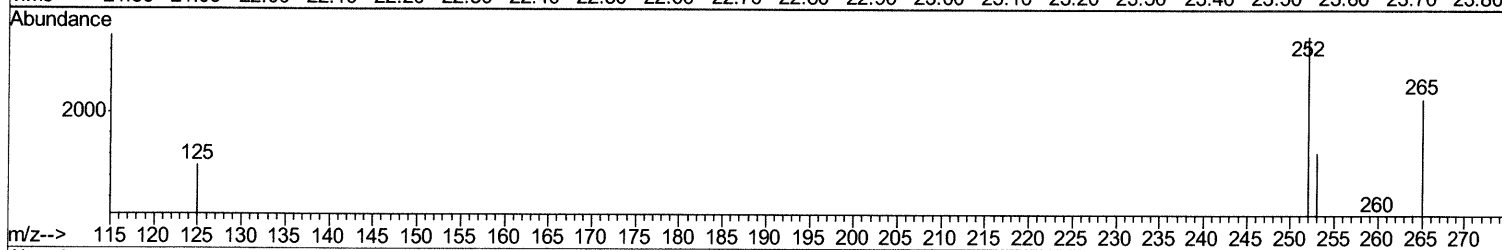
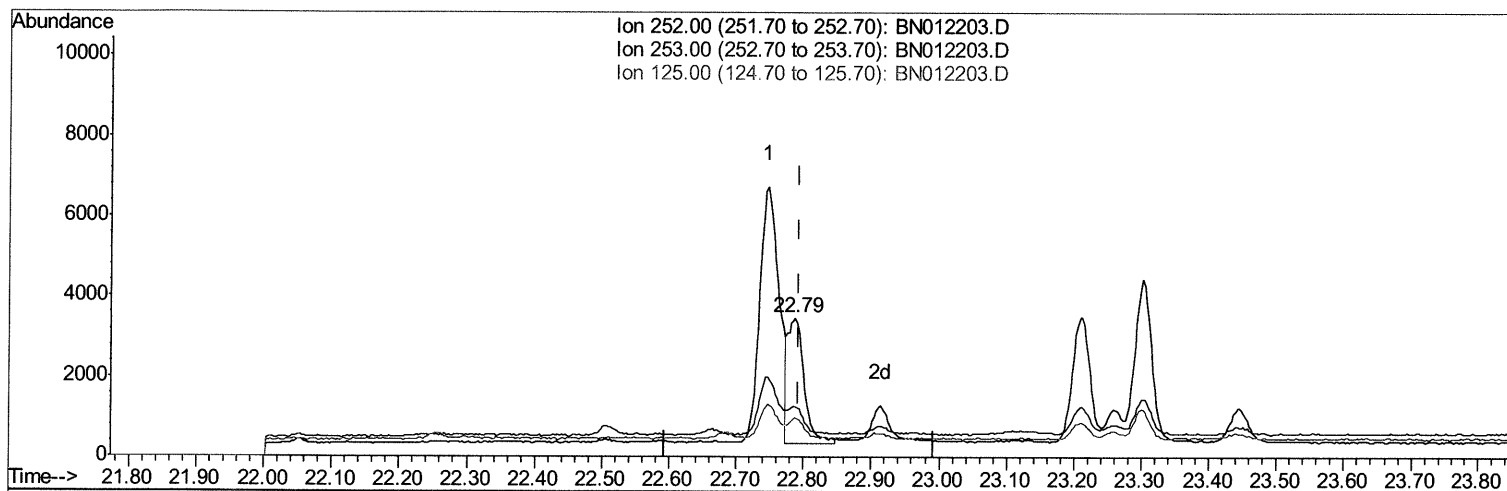
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012203.D
Acq On : 14 Oct 2020 20:19
Operator : CG/JU
Sample : L4166-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:06:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 00:46:15 2020
Response via : Initial Calibration



TIC: BN012203.D

(22) Benzo(k)fluoranthene

22.788min (-0.006) 0.17ng/ul m

response 5207

Ion	Exp%	Act%
252.00	100	100
253.00	30.50	36.38
125.00	16.10	28.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
 Data File : BN012203.D
 Acq On : 14 Oct 2020 20:19
 Operator : CG/JU
 Sample : L4166-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 10/15/2020 8:20:55 AM

Quant Time: Oct 15 01:07:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 00:46:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1383	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	5562	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3310	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6893m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6078	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	6817	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.00	152	1696	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	3966	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.44	128	445	0.028	ng/ul#	68
7) Acenaphthylene	13.98	152	748	0.052	ng/ul#	81
12) Phenanthrene	17.05	178	1539	0.070	ng/ul#	91
13) Anthracene	17.14	178	1532m	0.081	ng/ul	98
15) Fluoranthene	19.08	202	6012	0.234	ng/ul	100
17) Pyrene	19.44	202	8093	0.295	ng/ul	97
18) Benzo(a)anthracene	21.19	228	5797	0.257	ng/ul	99
19) Chrysene	21.25	228	10849	0.396	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	13021m	0.473	ng/ul#	100
22) Benzo(k)fluoranthene	22.79	252	5207m	0.171	ng/ul#	44
23) Benzo(a)pyrene	23.30	252	6990	0.261	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	25.58	276	4490	0.130	ng/ul#	44
25) Dibenzo(a,h)anthracene	25.59	278	1236	0.045	ng/ul#	44
26) Benzo(g,h,i)perylene	26.25	276	3803	0.121	ng/ul#	92

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