

(QT Reviewed)

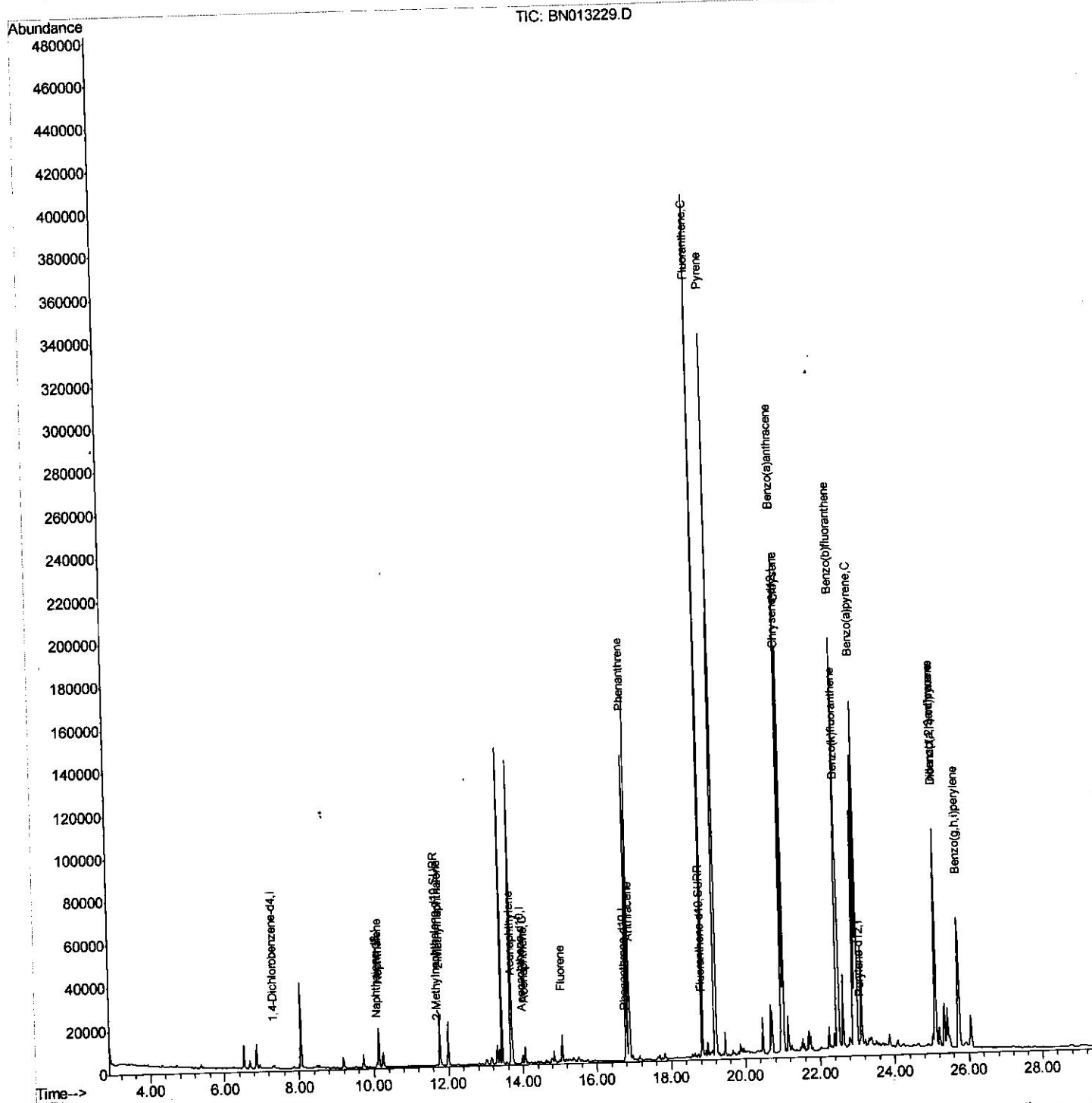
```
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\  
Data File : BN013229.D  
Acq On : 19 Dec 2020 16:34  
Operator : CG/JU  
Sample : L5151-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1
```

Instrument :
BNA_N
ClientSampleId :
C0AE8

Quant Time: Dec 21 01:26:31 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 : Mon Dec 21 00:52:14 2020
Response via : Initial Calibration

Manual Integrations APPROVED

mohammad
12/22/2020 12:07:28 PM



Quantitation Report (Qedit)

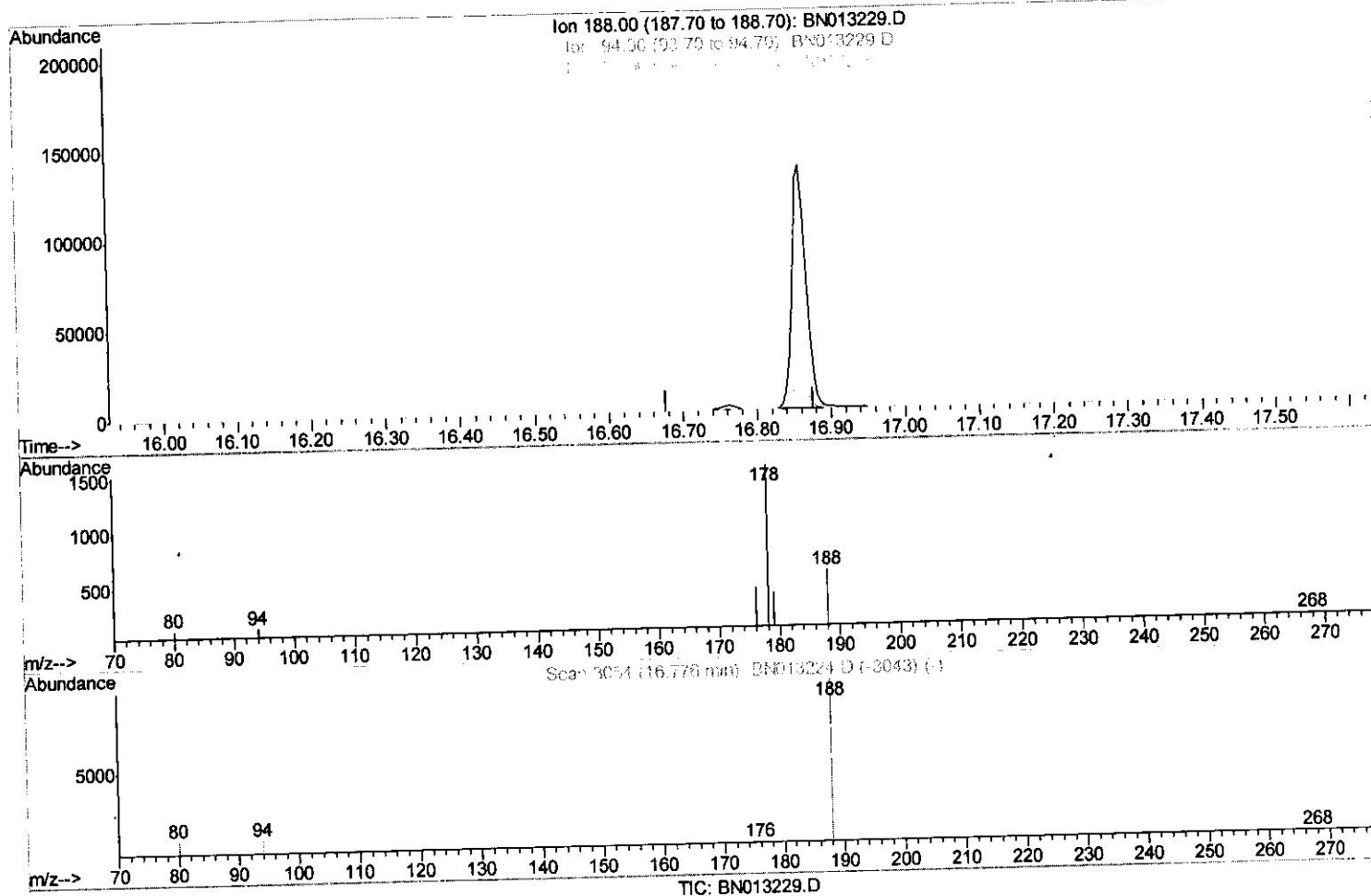
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM

Quant Time: Dec 21 01:22:14 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.776min (-16.776) 0.00ng/ui

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)

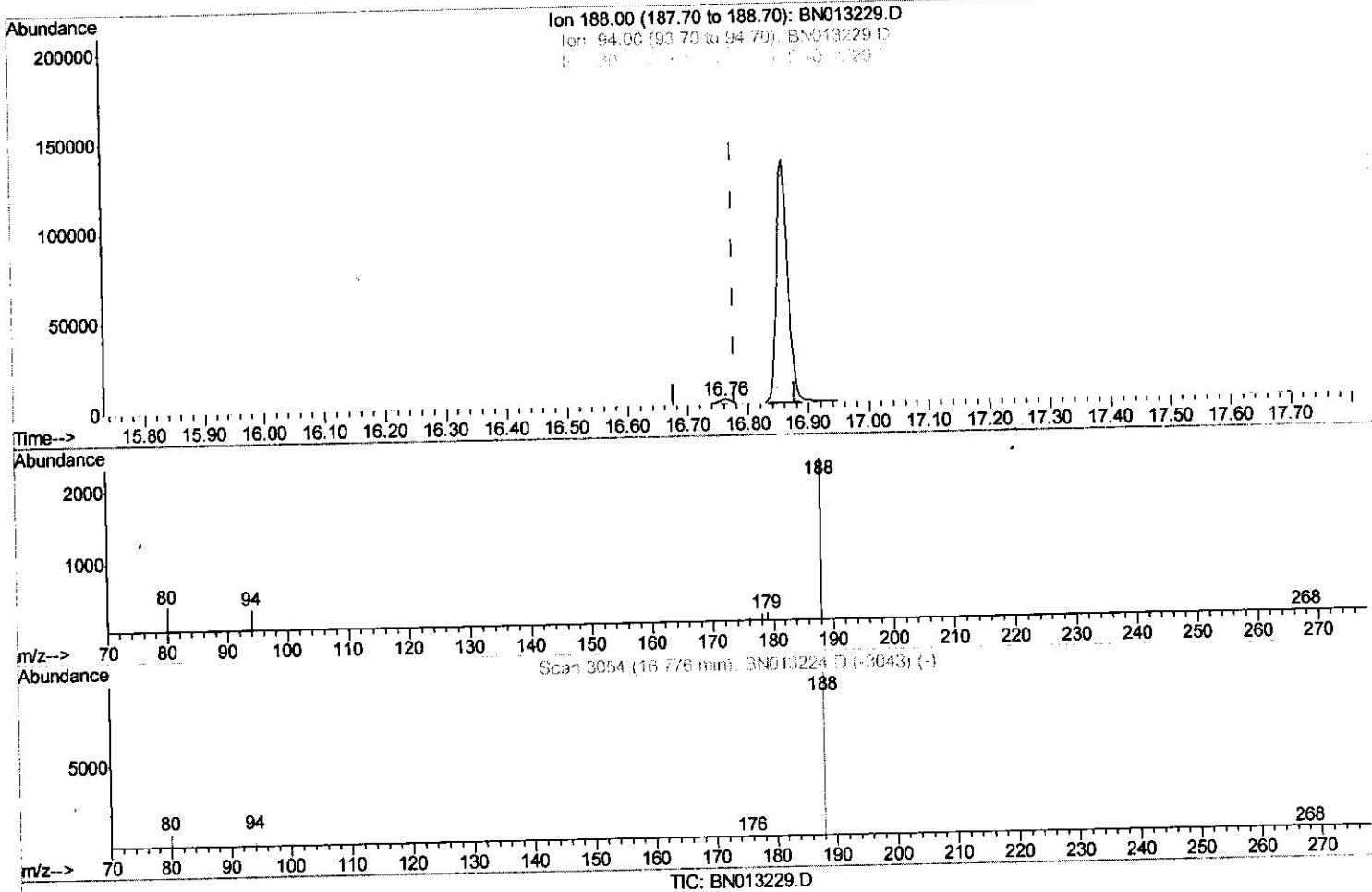
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:22:14 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM



(10) Phenanthrene-d10 (I)

16.759min (-0.017) 0.40ng/ul m

response 3096

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	14.48#
80.00	12.40	16.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

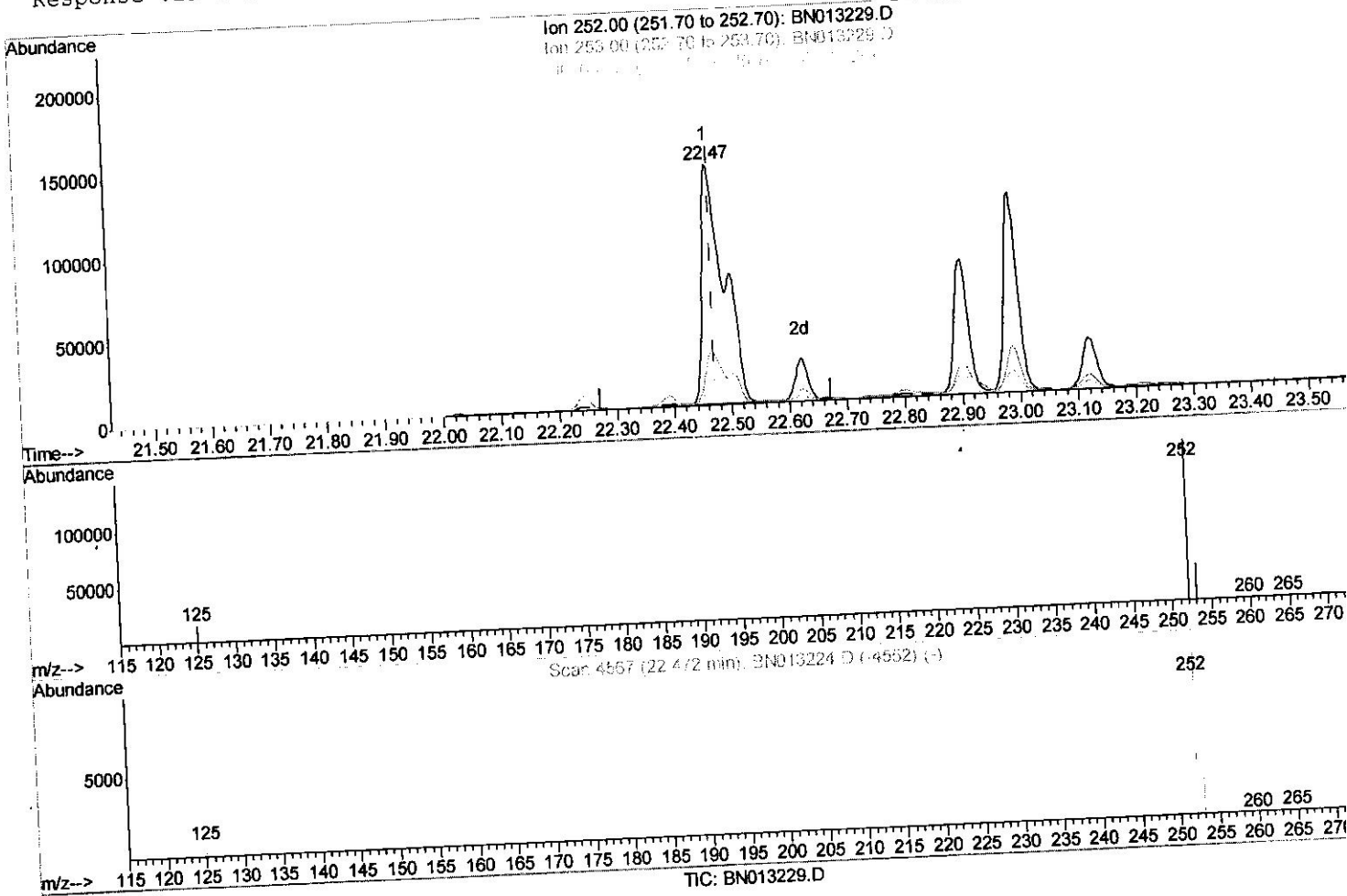
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.466min (-0.006) 33.94ng/ul
 response 384587

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.45
125.00	13.00	10.61
0.00	0.00	0.00

Quantitation Report (Qedit)

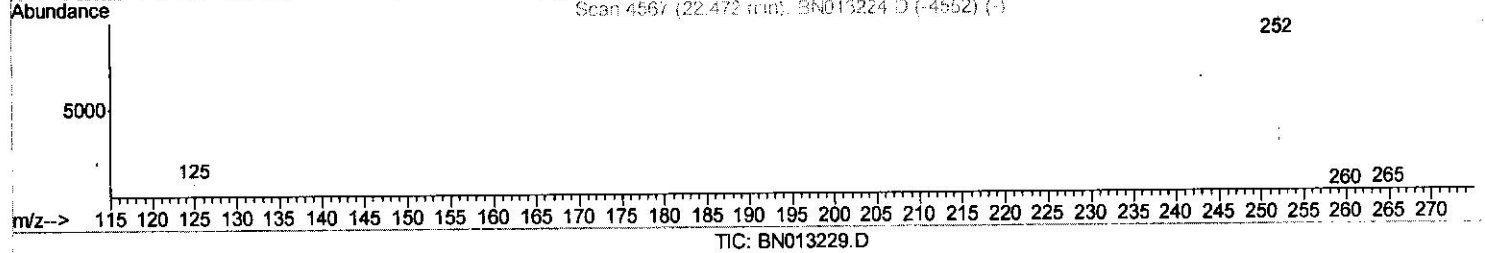
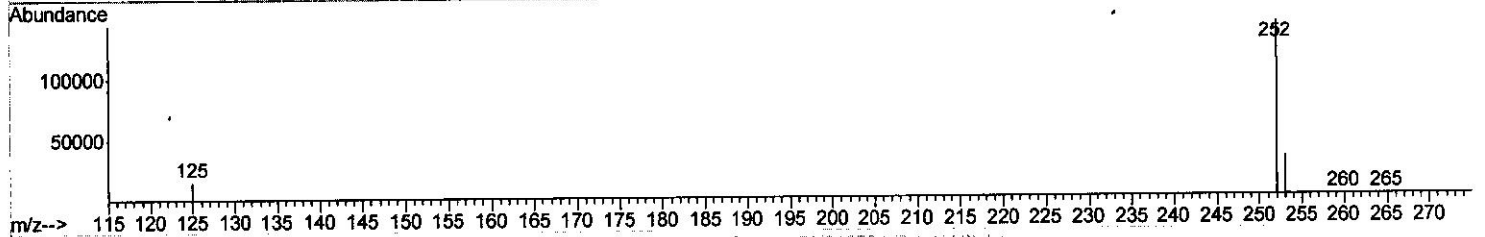
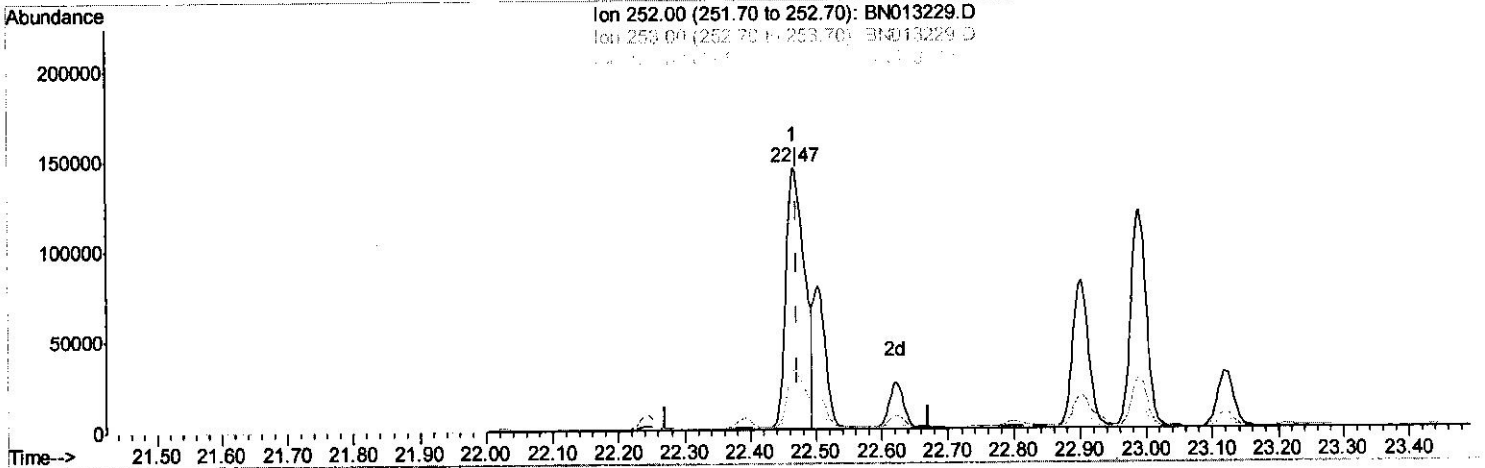
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM



(21) Benzo(b)fluoranthene

22.466min (-0.006) 24.72ng/ul m

response 280051

Ion	Exp%	Act%
252.00	100	100
253.00	29.80	22.45
125.00	13.00	10.61
0.00	0.00	0.00

Quantitation Report (Qedit)

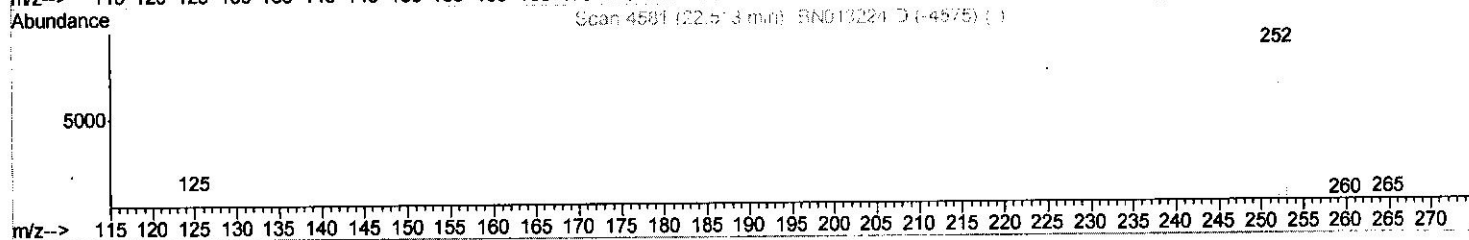
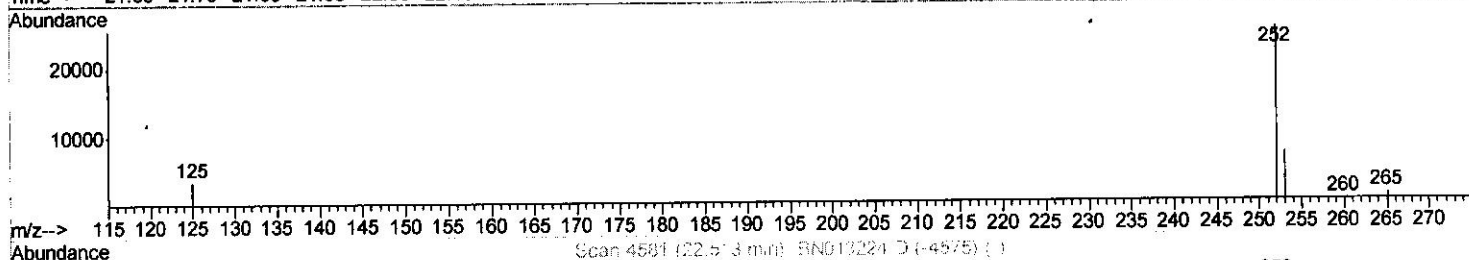
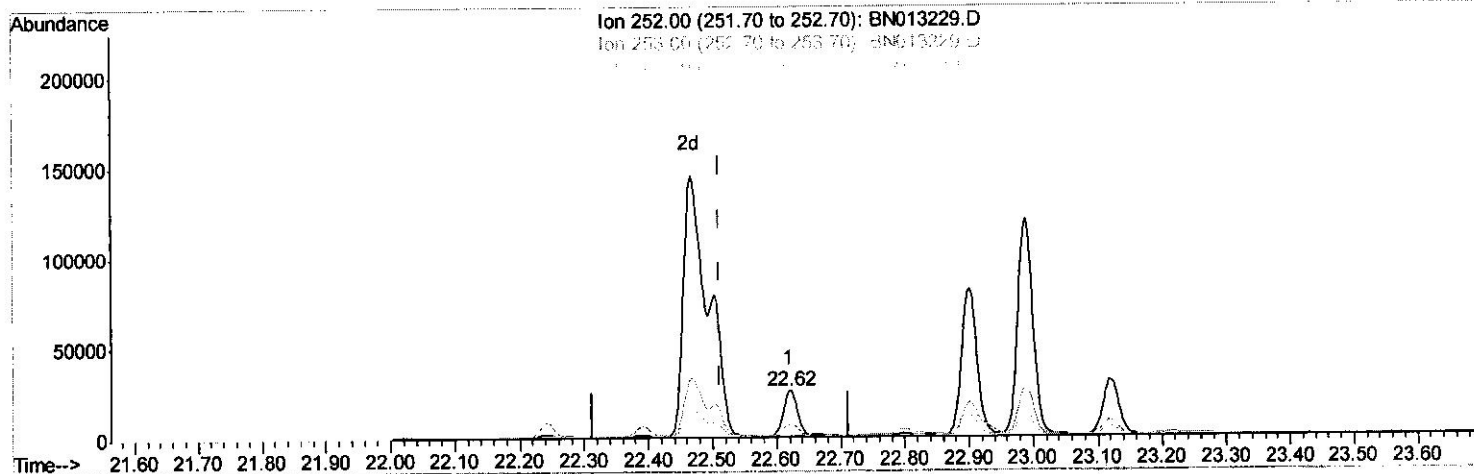
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM



TIC: BN013229.D

(22) Benzo(k)fluoranthene

22.621min (+0.108) 2.99ng/ul

response 37458

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	28.48
125.00	13.90	14.23
0.00	0.00	0.00

Quantitation Report (Qedit)

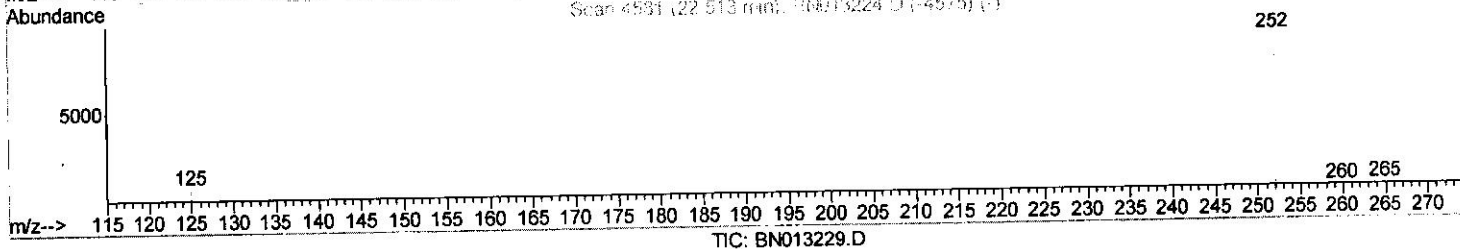
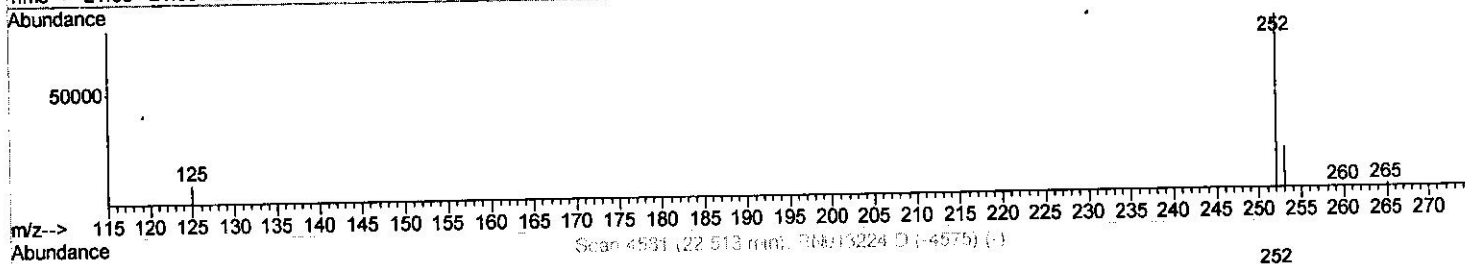
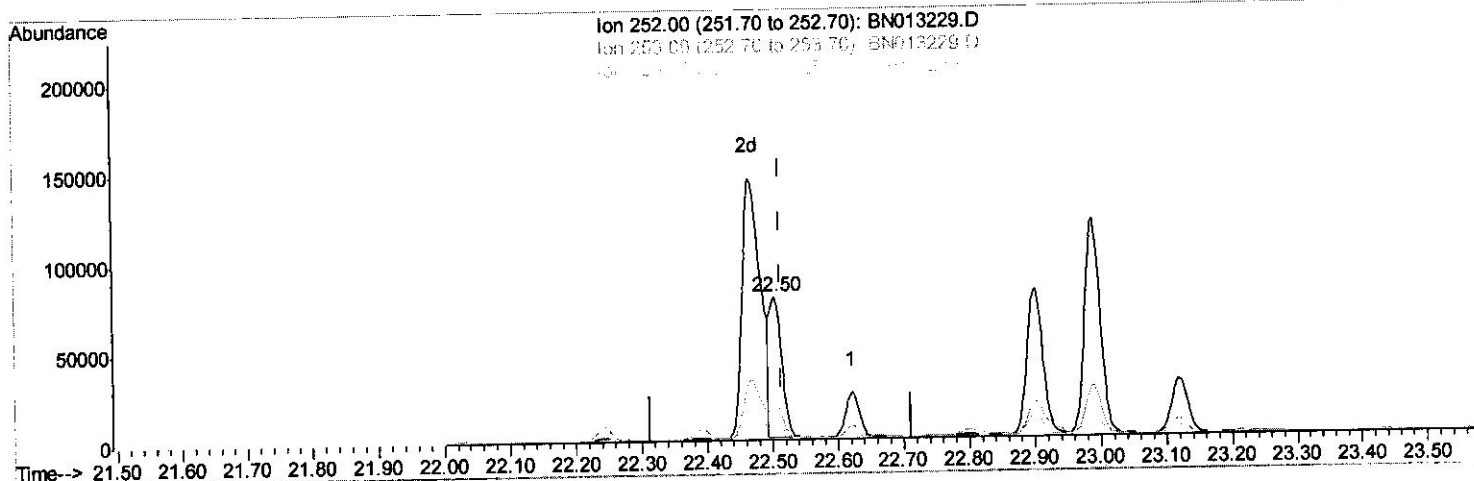
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM



(22) Benzo(k)fluoranthene

22.504min (-0.009) 8.19ng/ul m

response 102570

Ion	Exp%	Act%
252.00	100	100
253.00	29.30	23.55
125.00	13.90	10.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

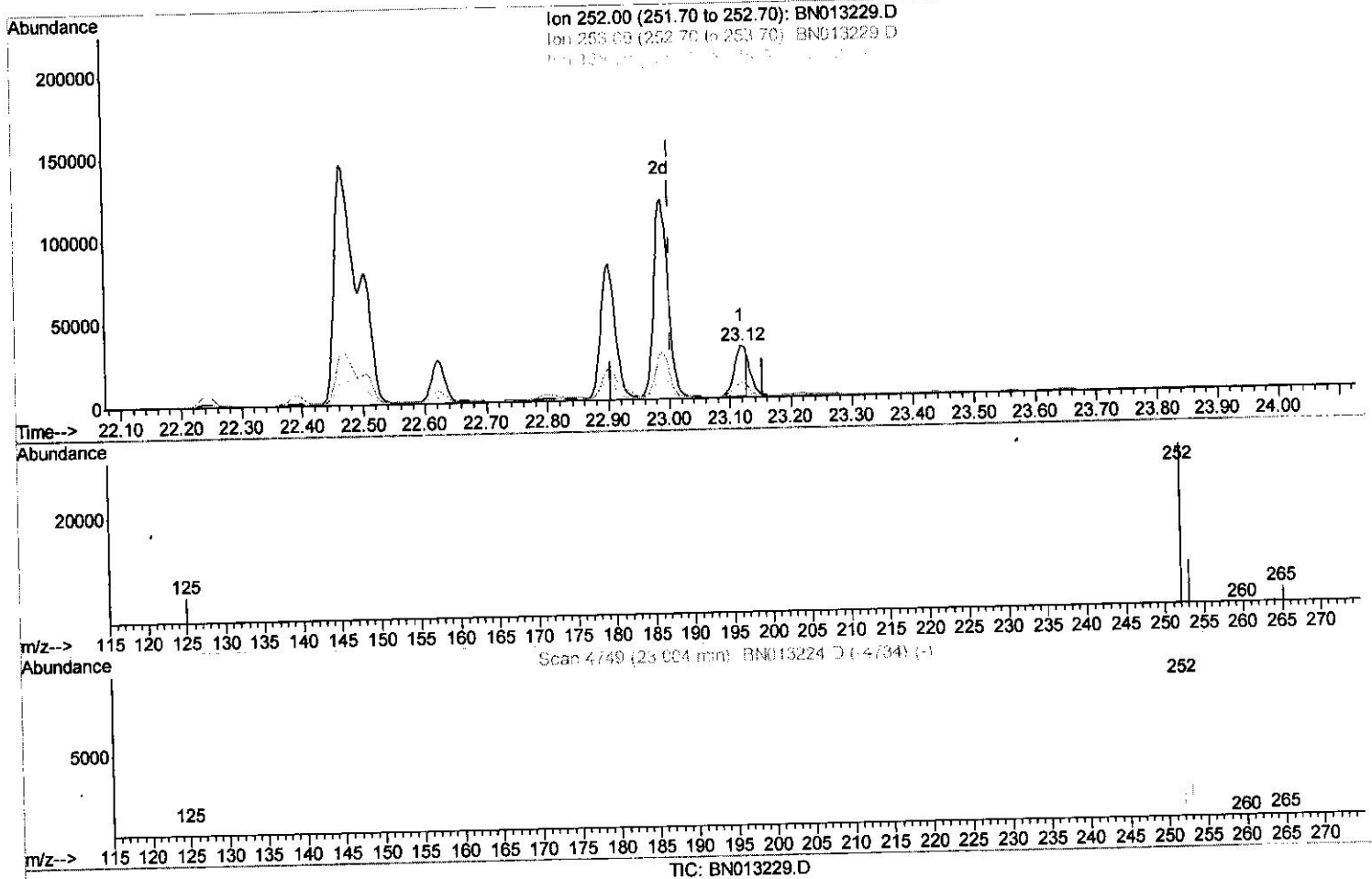
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.118min (+0.114) 3.68ng/ul

response 38643

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	27.31
125.00	17.70	16.23
0.00	0.00	0.00

Quantitation Report (Qedit)

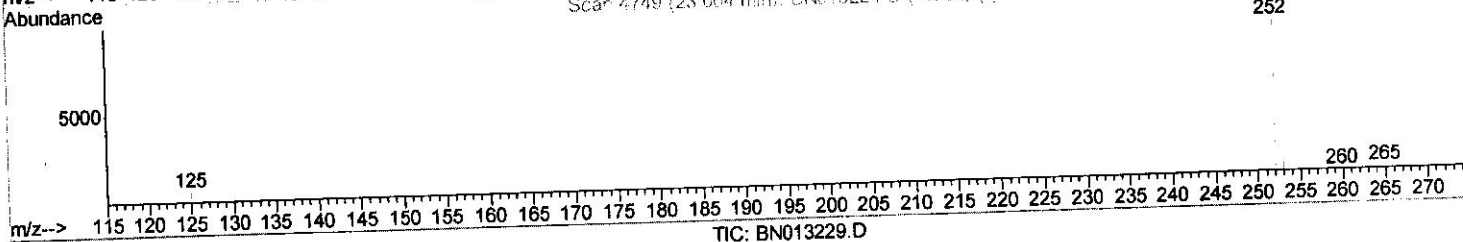
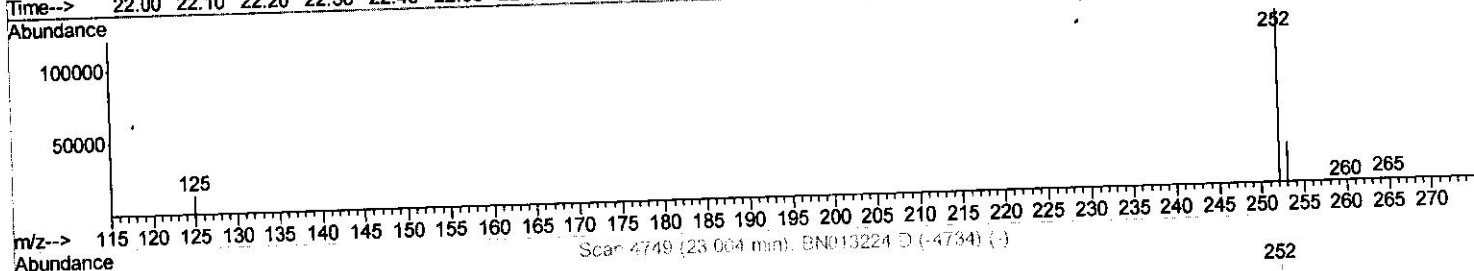
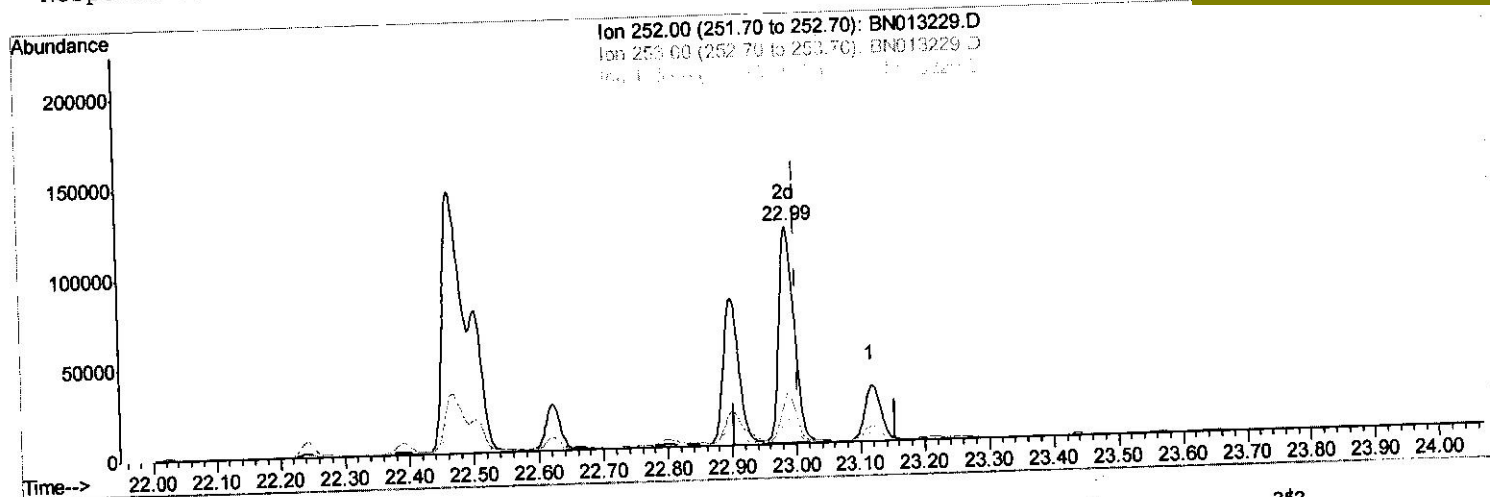
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:23:13 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM



(23) Benzo(a)pyrene (C)

22.989min (-0.015) 18.52ng/ul m

response 194729

Ion	Exp%	Act%
252.00	100	100
253.00	33.10	23.02#
125.00	17.70	10.97#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121920\
 Data File : BN013229.D
 Acq On : 19 Dec 2020 16:34
 Operator : CG/JU
 Sample : L5151-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE8

Quant Time: Dec 21 01:26:31 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 : Mon Dec 21 00:52:14 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 12/22/2020 12:07:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	792	0.40	ng/ul	0.00
2) Naphthalene-d8	10.09	136	2824	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.00	164	1621	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	3096m	0.40	ng/ul	-0.02
16) Chrysene-d12	20.99	240	2140	0.40	ng/ul	-0.01
20) Perylene-d12	23.07	264	2449	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.69	152	998	0.24	ng/ul	-0.03
14) Fluoranthene-d10	18.80	212	2036	0.24	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.14	128	23978	2.934	ng/ul#	90
5) 2-Methylnaphthalene	11.77	142	18922	3.525	ng/ul	99
7) Acenaphthylene	13.71	152	12773	1.665	ng/ul	97
8) Acenaphthene	14.06	153	4493	0.714	ng/ul	98
9) Fluorene	15.06	166	7374	1.021	ng/ul	98
12) Phenanthrene	16.80	178	139326	13.422	ng/ul	97
13) Anthracene	16.89	178	33086	3.745	ng/ul	95
15) Fluoranthene	18.84	202	320496	25.982	ng/ul	99
17) Pyrene	19.20	202	265064	26.223	ng/ul	98
18) Benzo(a)anthracene	20.98	228	183996	20.781	ng/ul	99
19) Chrysene	21.03	228	175297	17.919	ng/ul	98
21) Benzo(b)fluoranthene	22.47	252	280051m	24.718	ng/ul	
22) Benzo(k)fluoranthene	22.50	252	102570m	8.190	ng/ul	
23) Benzo(a)pyrene	22.99	252	194729m	18.523	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.11	276	143337	10.380	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.11	278	35523	3.252	ng/ul	94
26) Benzo(g,h,i)perylene	25.73	276	111993	8.966	ng/ul	96

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