Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

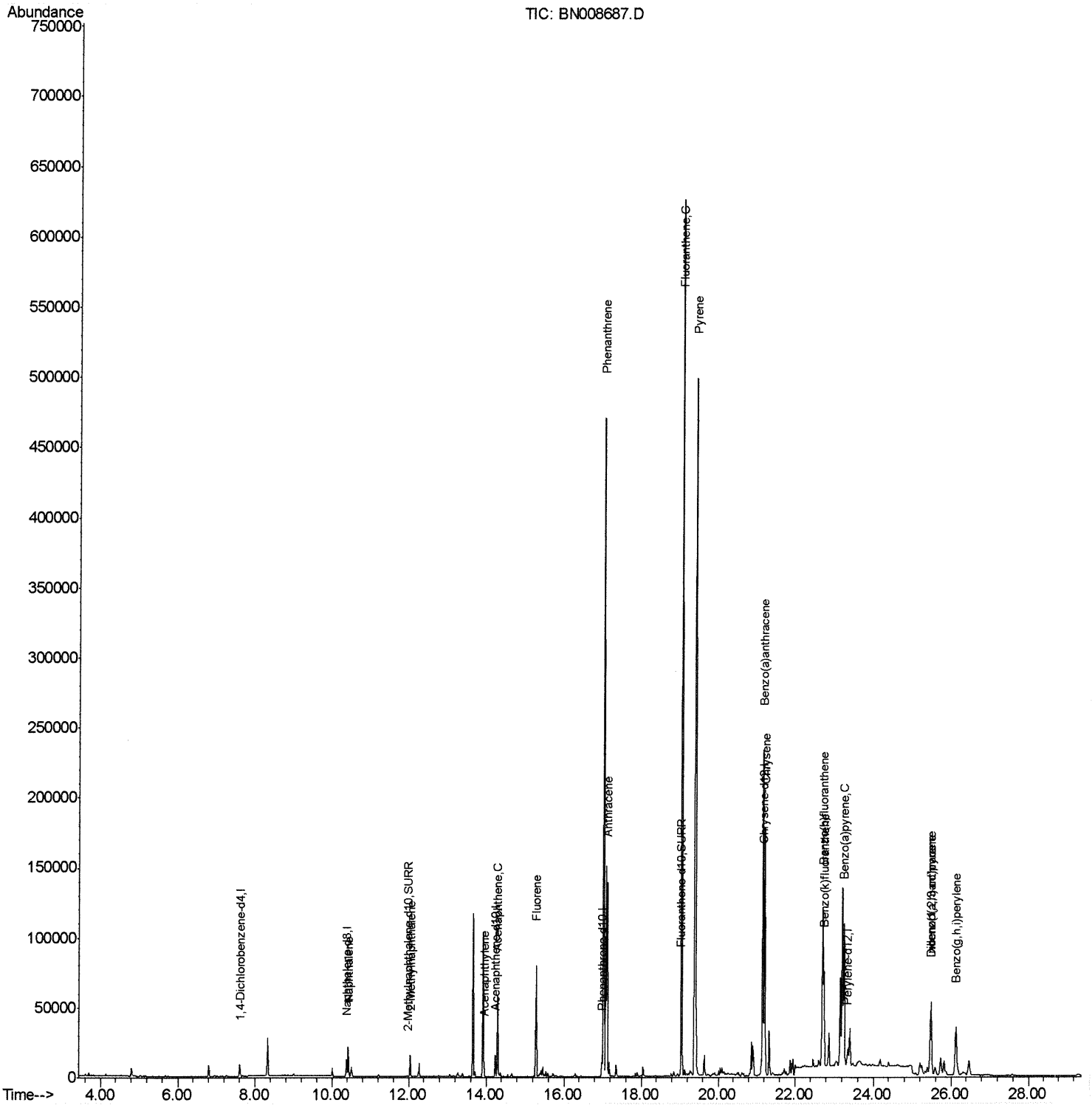
Quantitation Report (QT Reviewed)

Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 07:02:03 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 : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (Qedit)

Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 06:34:18 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 : Fri Nov 22 06:30:58 2019
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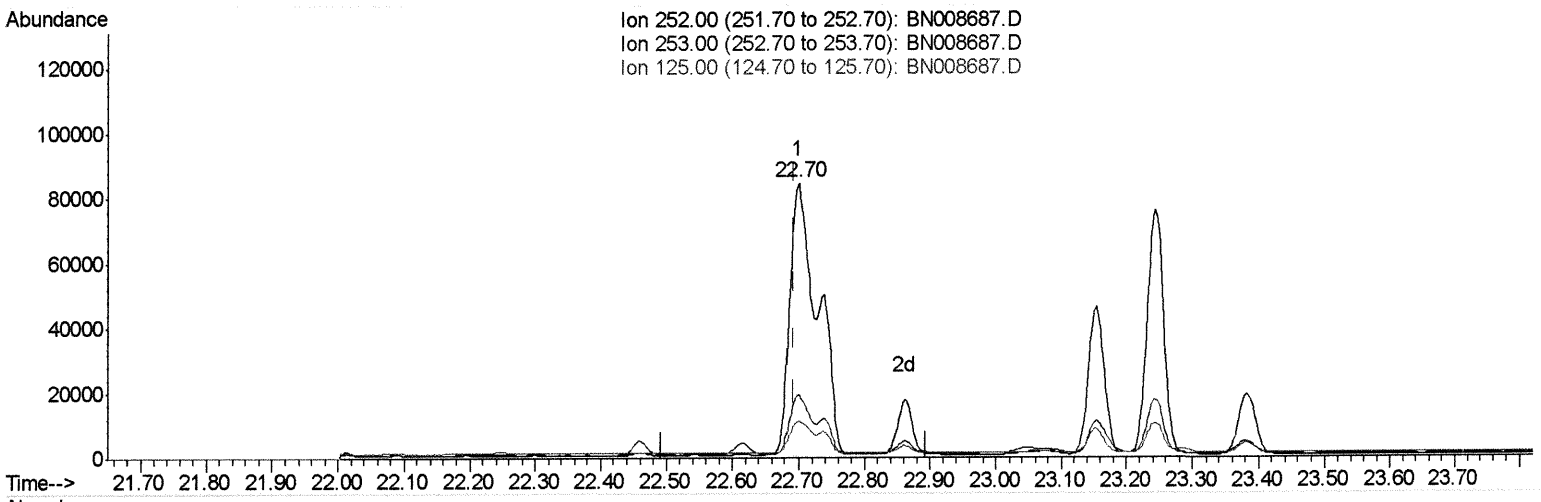
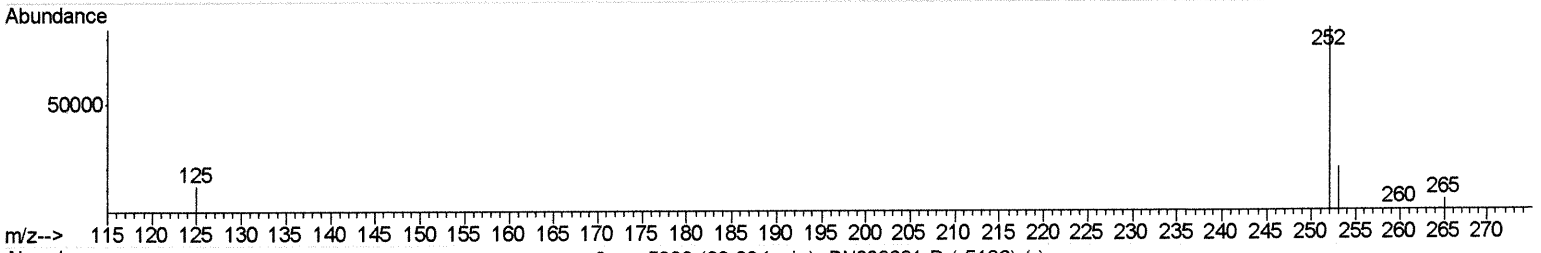
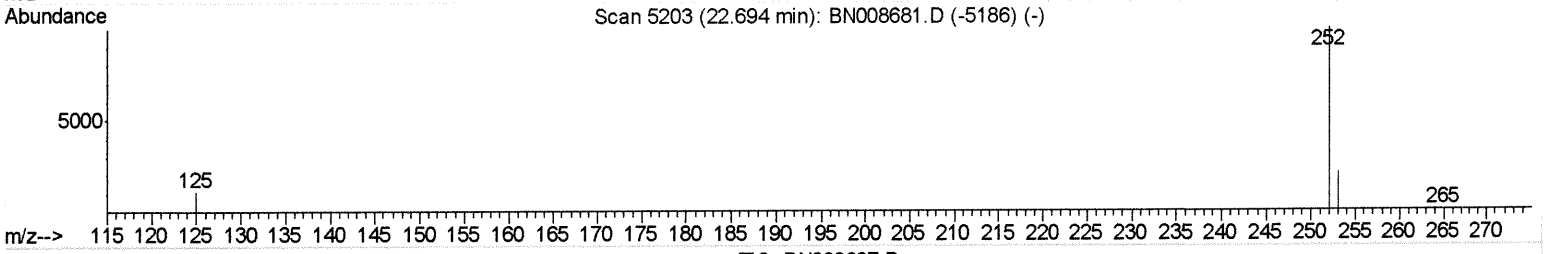
Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM







TIC: BN008687.D

(21) Benzo(b)fluoranthene

22.700min (+0.006) 4.25ng/ul

response 244444

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.20
125.00	15.00	13.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (Qedit)

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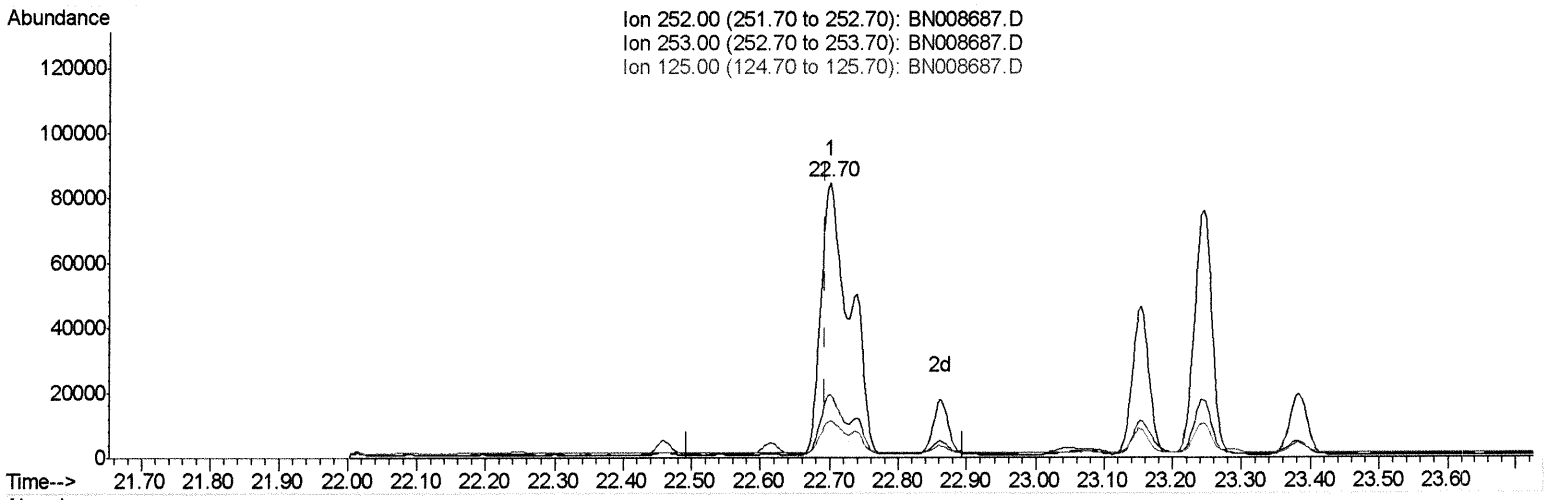
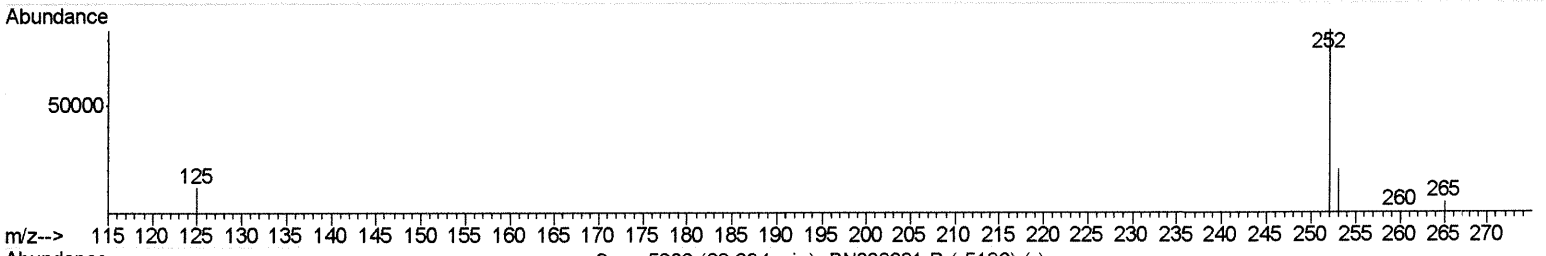
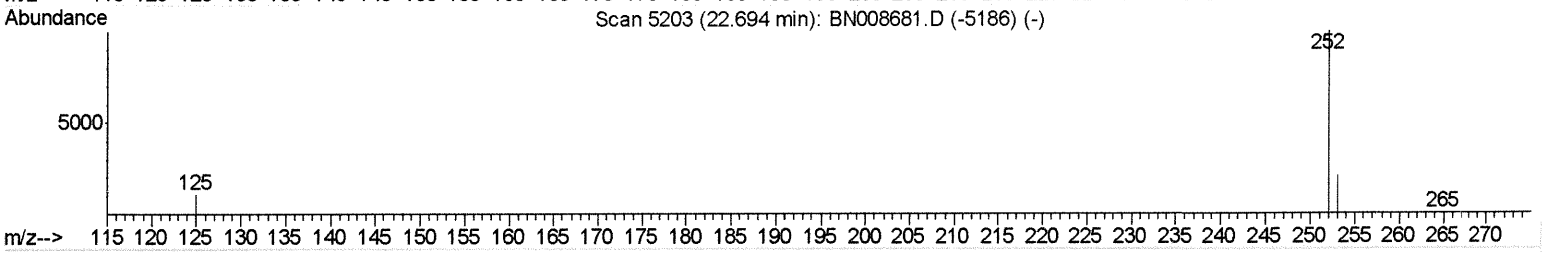
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM







TIC: BN008687.D

(21) Benzo(b)fluoranthene

22.700min (+0.006) 3.13ng/ul m JU 11/25/19

response 179983

Ion	Exp%	Act%
252.00	100	100
253.00	25.10	23.20
125.00	15.00	13.60
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (Qedit)

Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 06:34:18 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 : Fri Nov 22 06:30:58 2019
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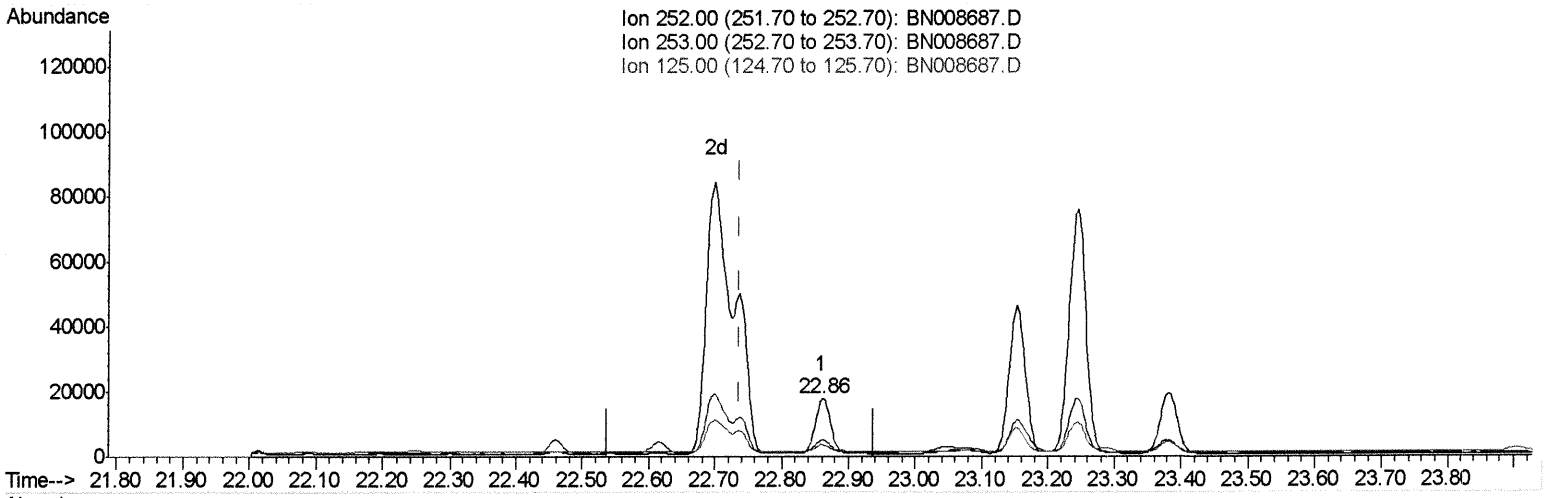
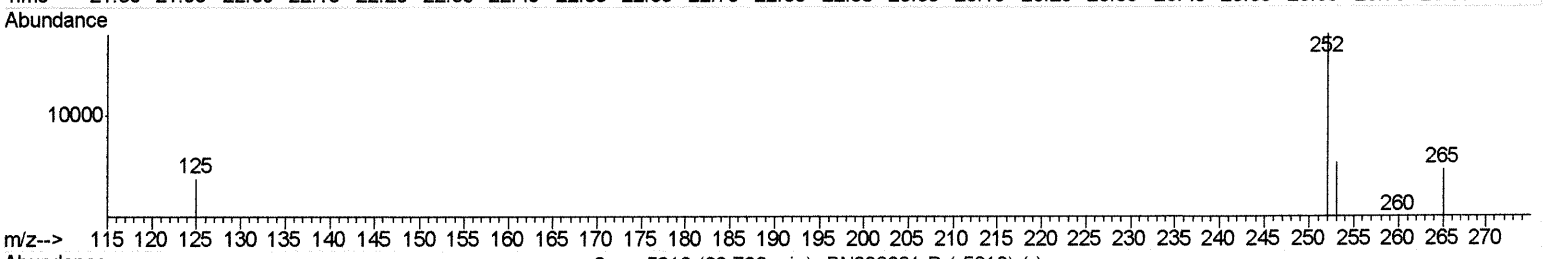
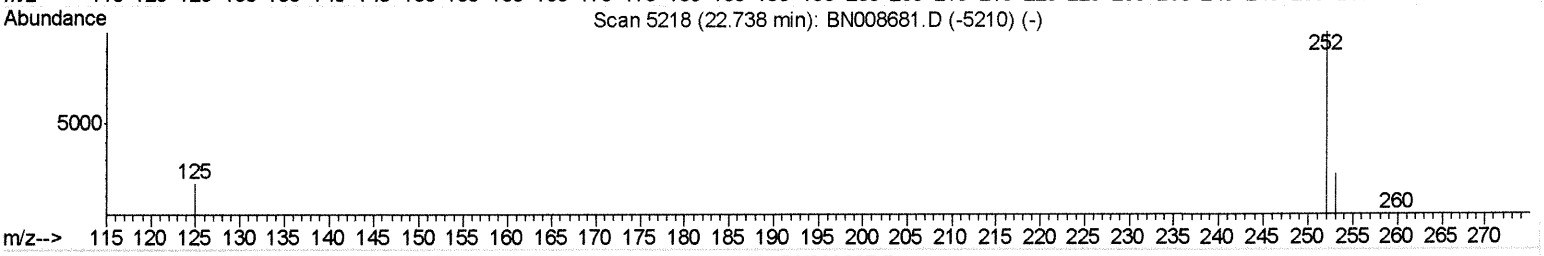
Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM







TIC: BN008687.D

(22) Benzo(k)fluoranthene

22.861min (+0.123) 0.48ng/ul

response 27139

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	30.05
125.00	18.70	21.22
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

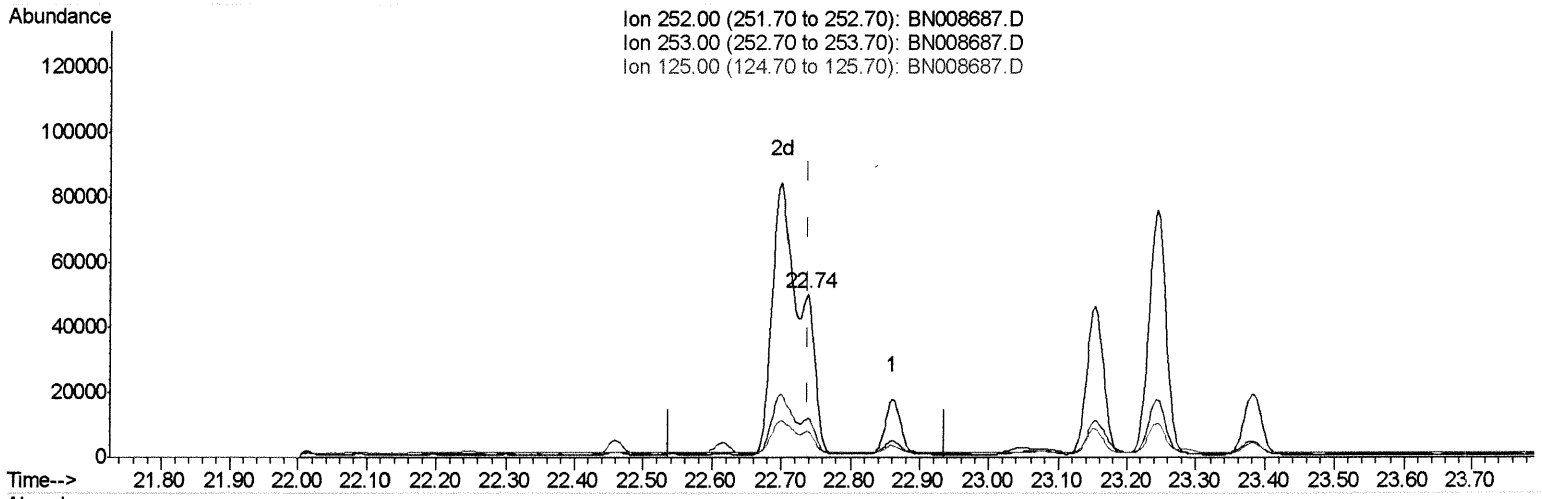
Quantitation Report (Qedit)

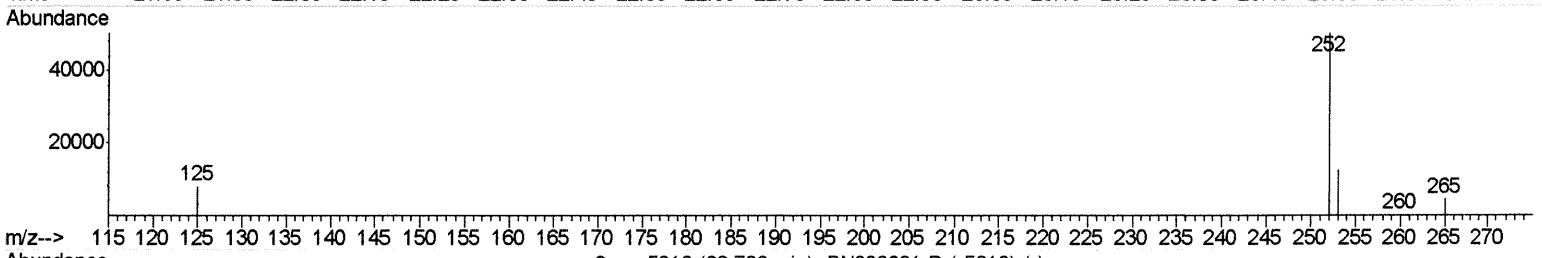
Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

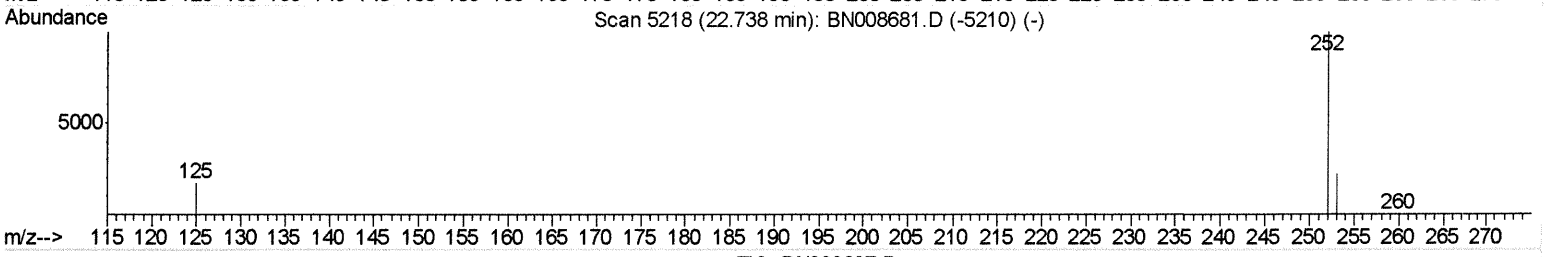
Quant Time: Nov 22 06:34:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM







TIC: BN008687.D

(22) Benzo(k)fluoranthene

22.738min (-0.000) 1.17ng/ul m JU 11/25/19

response 67003

Ion	Exp%	Act%
252.00	100	100
253.00	25.60	24.79
125.00	18.70	16.10
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN112119\

Quantitation Report (QT Reviewed)

Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM

Quant Time: Nov 22 07:02:03 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 : Fri Nov 22 06:30:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14067	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8311	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16420	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13534	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	13951	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	883	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2143	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	27020	0.637	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	10759	0.363	ng/ul	100
7) Acenaphthylene	13.95	152	1186	0.026	ng/ul#	74
8) Acenaphthene	14.29	153	33328	0.977	ng/ul	99
9) Fluorene	15.29	166	49076	1.226	ng/ul	100
12) Phenanthrene	17.02	178	491152	8.869	ng/ul	97
13) Anthracene	17.11	178	142888	2.731	ng/ul	98
15) Fluoranthene	19.04	202	501392	7.370	ng/ul	94
17) Pyrene	19.40	202	400483	7.376	ng/ul	97
18) Benzo(a)anthracene	21.16	228	194496	3.574	ng/ul	99
19) Chrysene	21.21	228	161081	3.013	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	179983m	3.129	ng/ul	JU 11/25/19
22) Benzo(k)fluoranthene	22.74	252	67003m	1.174	ng/ul	
23) Benzo(a)pyrene	23.24	252	133268	2.468	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	73722	1.167	ng/ul	97
25) Dibenzo(a,h)anthracene	25.48	278	18965	0.372	ng/ul	94
26) Benzo(g,h,i)perylene	26.12	276	66620	1.261	ng/ul	98

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