Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

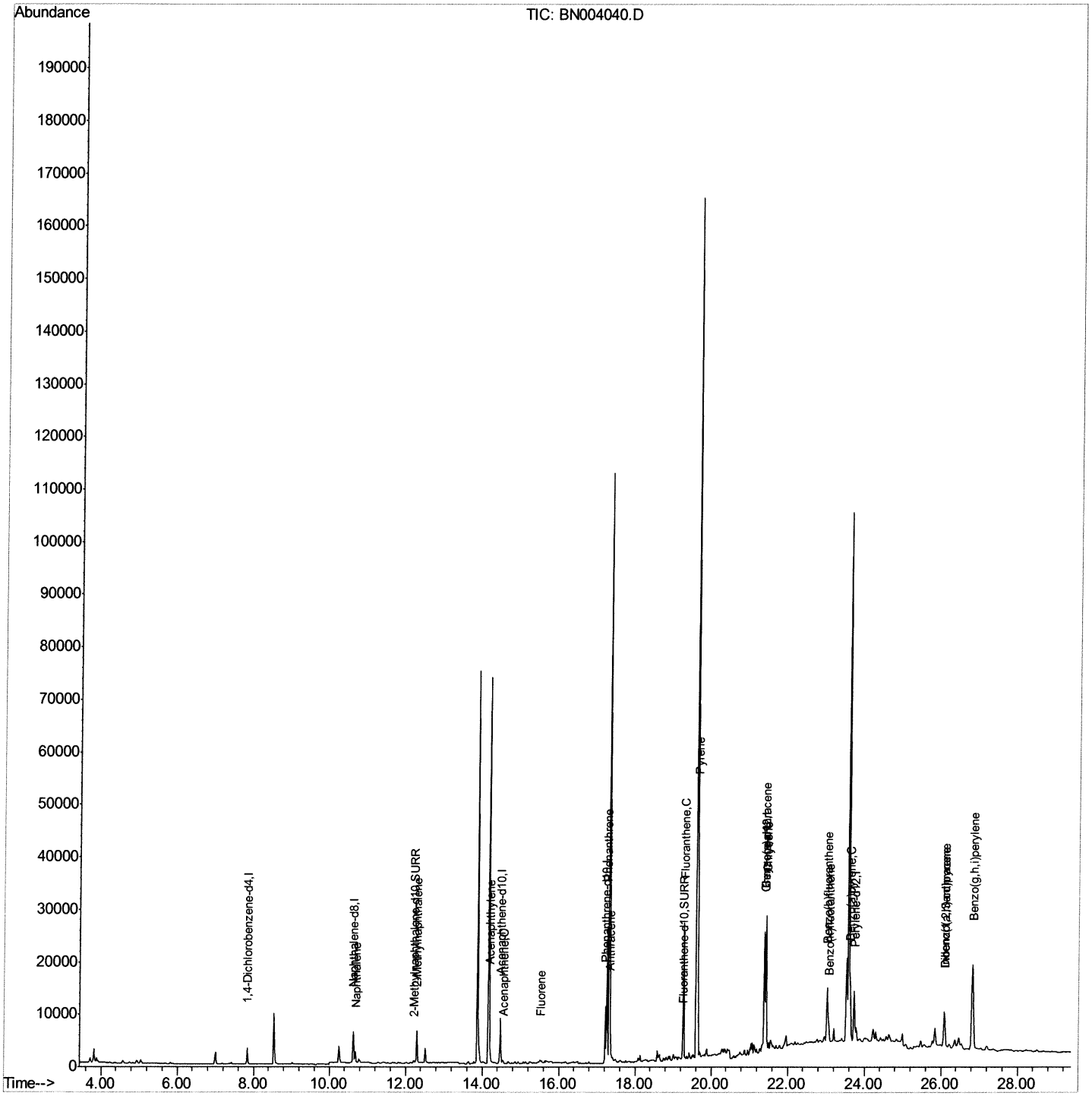
Quantitation Report (QT Reviewed)

Data File : BN004040.D
Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 05:29:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9F08DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (Qedit)

Data File : BN004040.D
Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 04:32:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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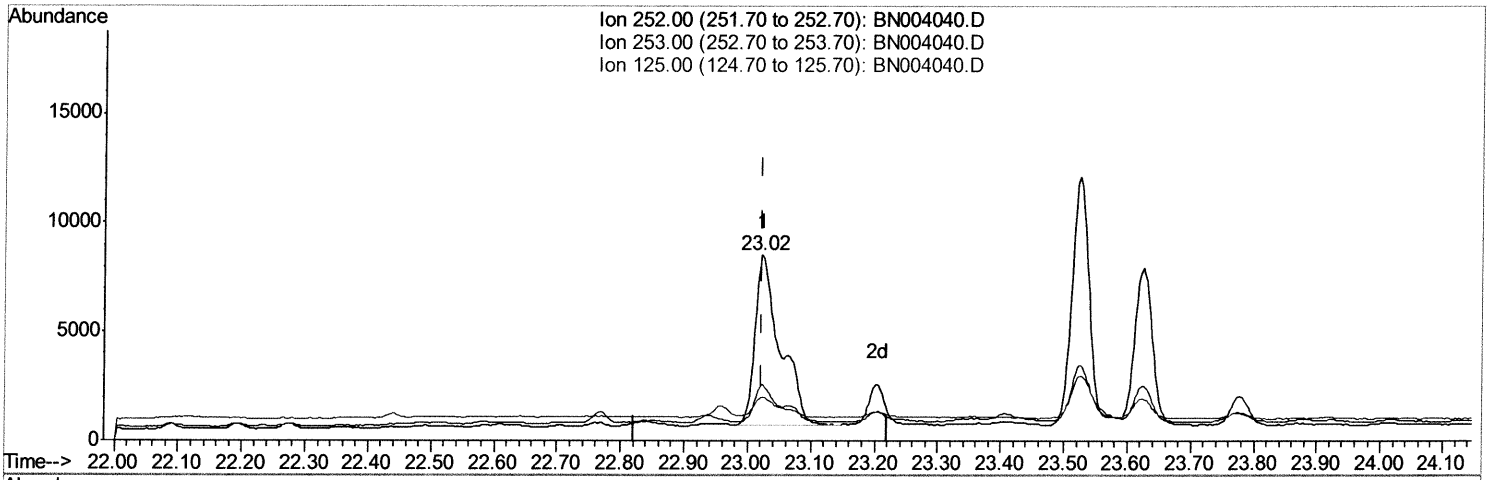
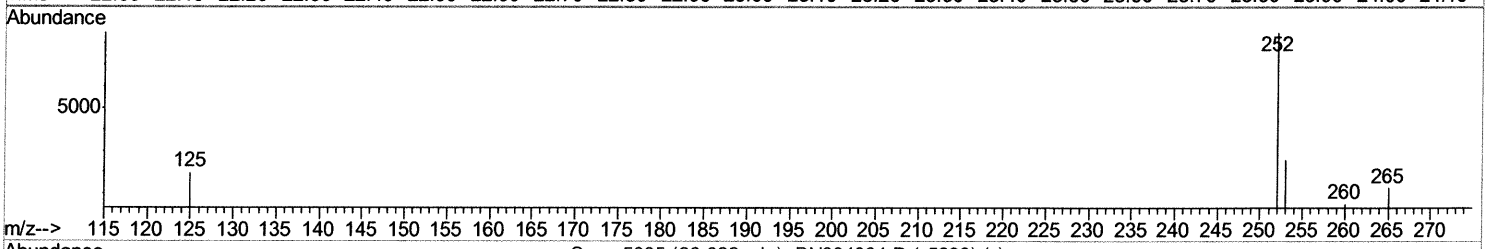
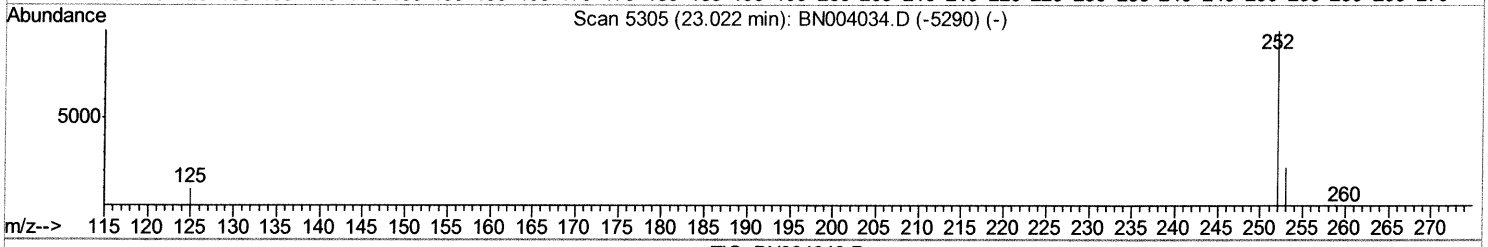
Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM







TIC: BN004040.D

(21) Benzo(b)fluoranthene

23.022min (+0.000) 0.39ng/ul

response 21378

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	30.32
125.00	11.20	23.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (Qedit)

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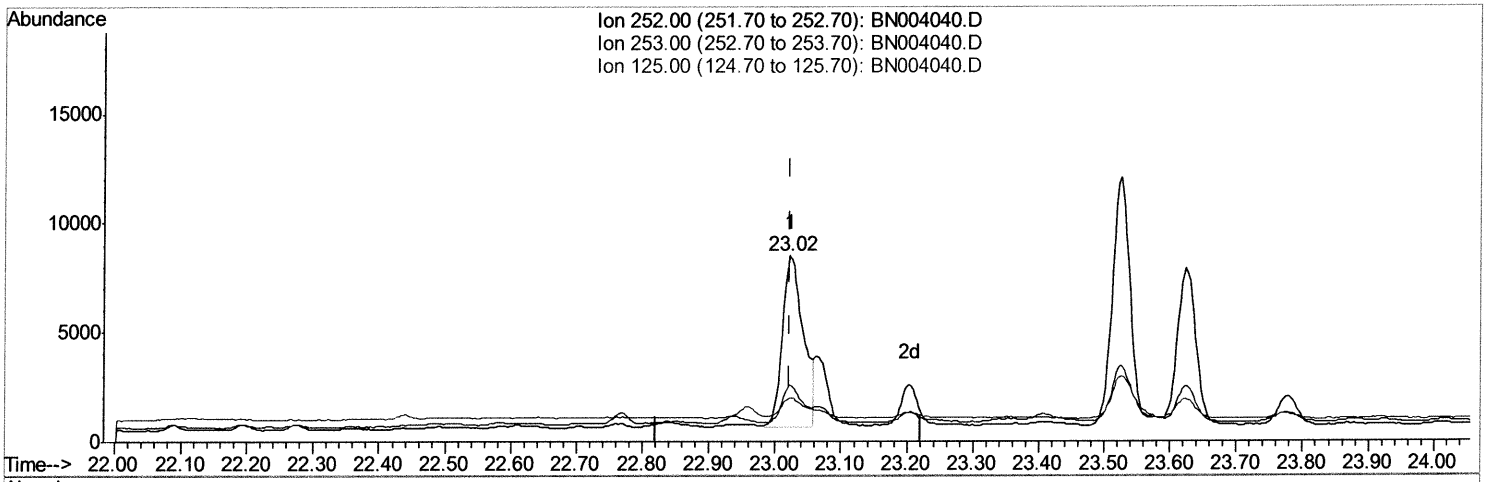
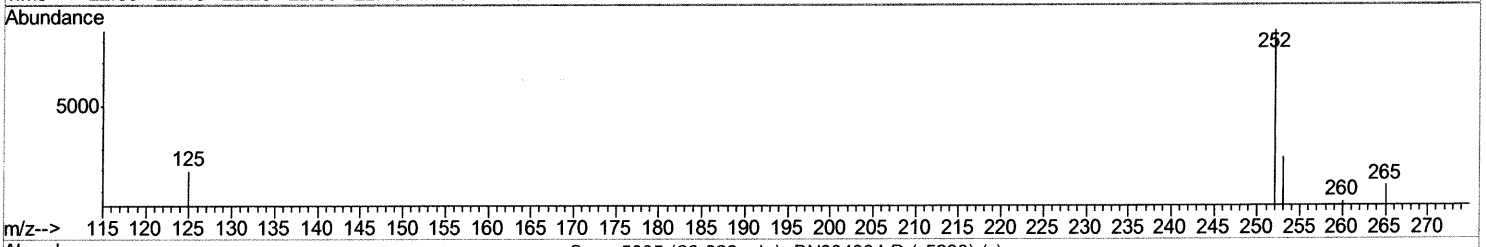
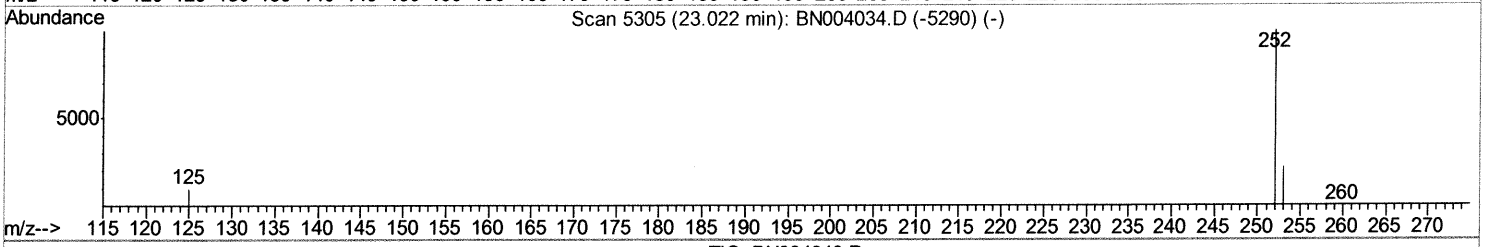
Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM







TIC: BN004040.D

(21) Benzo(b)fluoranthene

23.022min (+0.000) 0.31ng/ul m > SJ 12/18/18

response 17093

Ion	Exp%	Act%
252.00	100	100
253.00	23.00	30.32
125.00	11.20	23.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

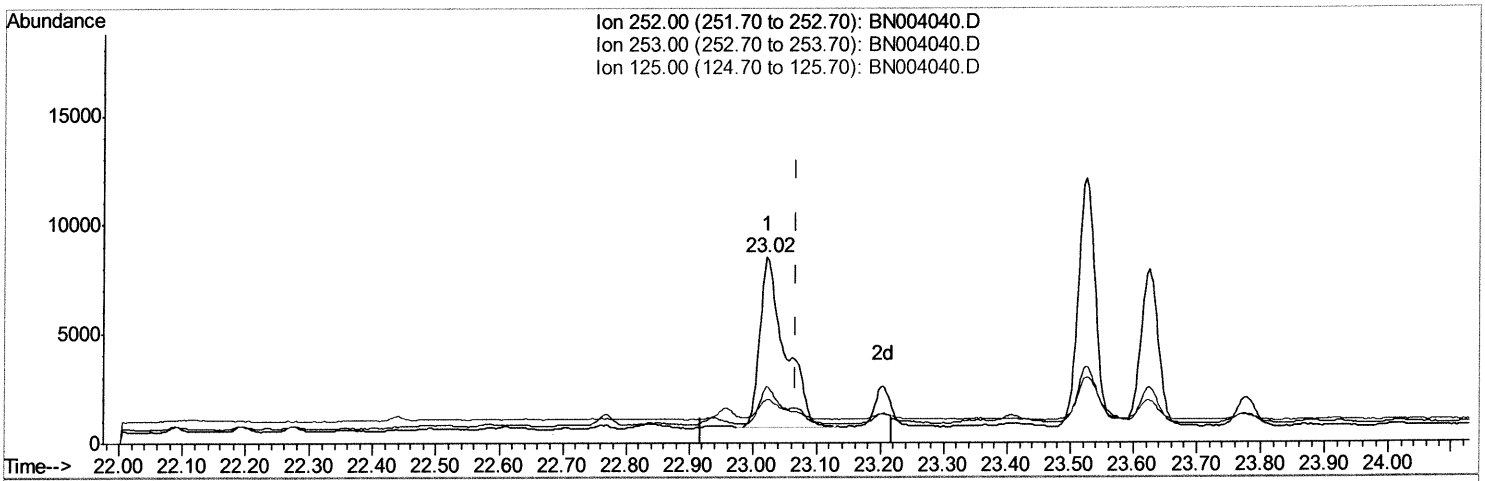
Quantitation Report (Qedit)

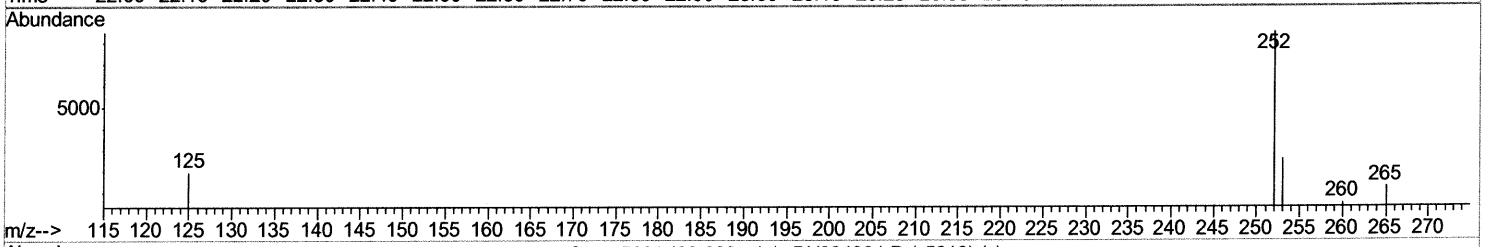
Data File : BN004040.D
Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

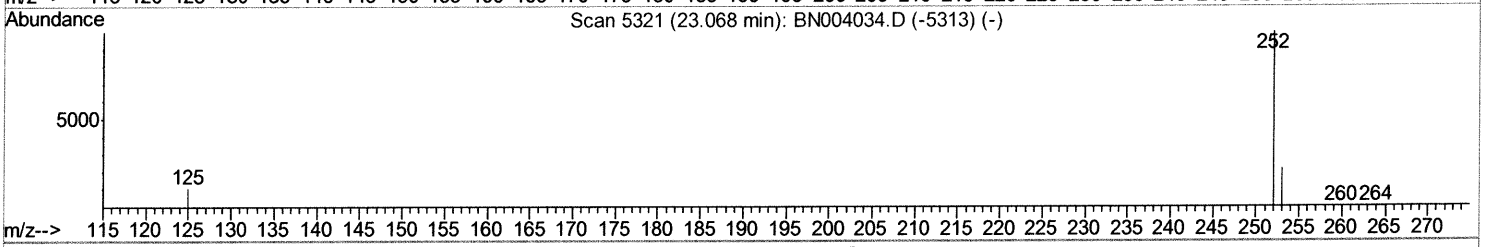
Quant Time: Dec 18 04:32:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F9F08DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM







TIC: BN004040.D

(22) Benzo(k)fluoranthene

23.022min (-0.047) 0.40ng/ul

response 21391

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	30.32#
125.00	11.30	23.23#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (Qedit)

Data File : BN004040.D
Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 04:32:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 18 04:29:07 2018
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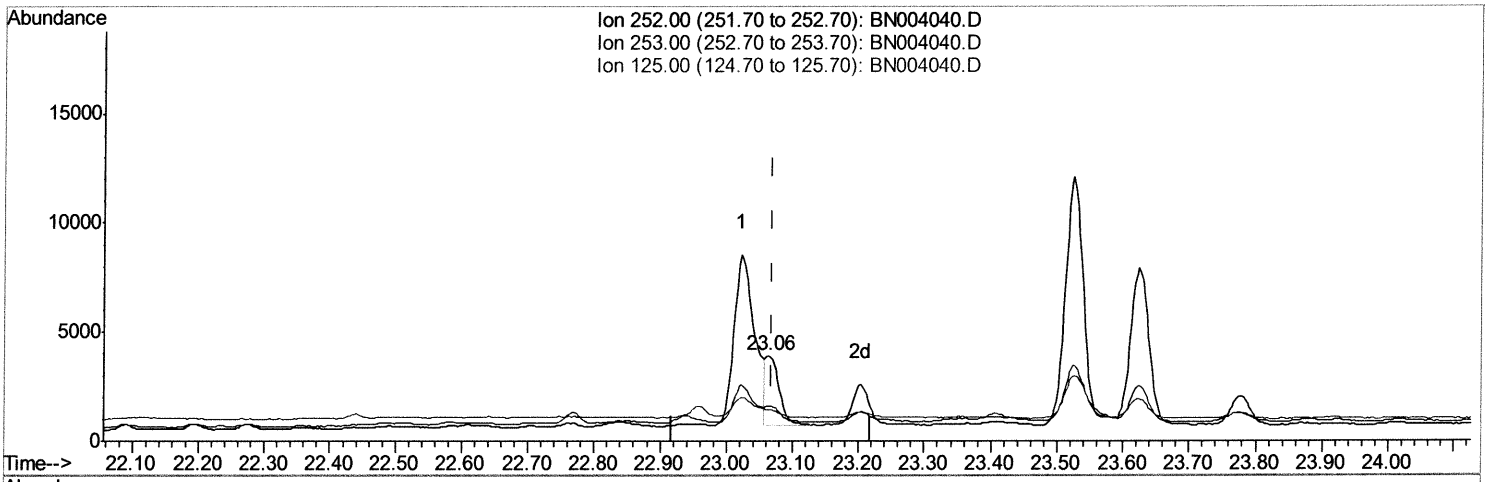
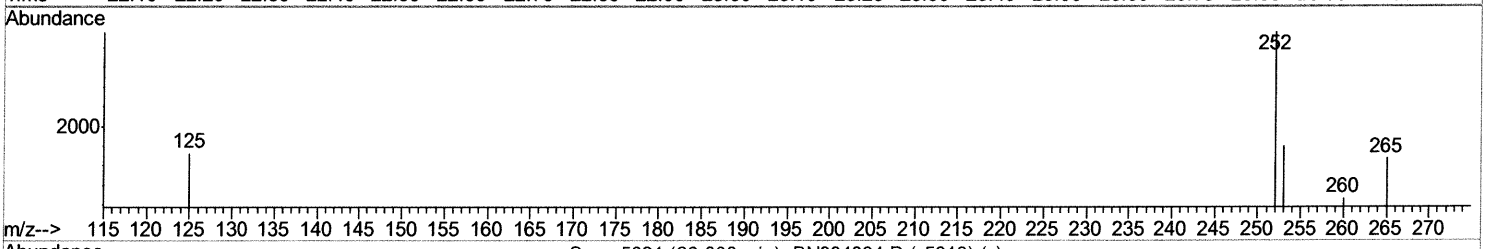
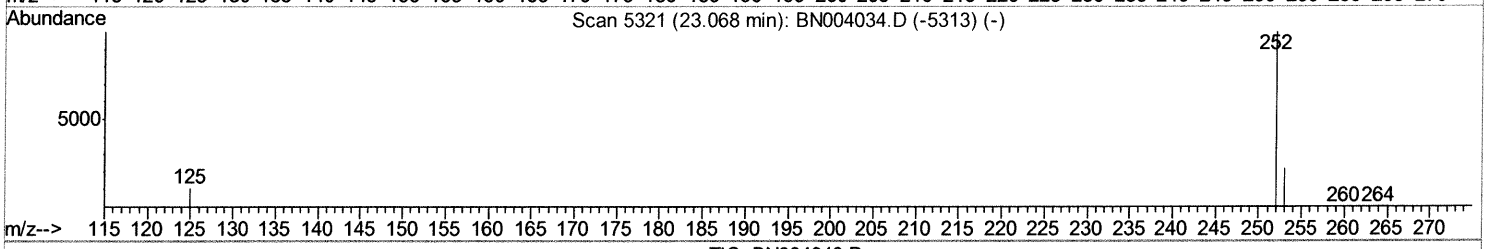
Instrument :
BNA_N
ClientSampleId :
F9F08DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM







TIC: BN004040.D

(22) Benzo(k)fluoranthene

23.063min (-0.006) 0.09ng/ul m

SJ 12/18/18

response 4625

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	40.67#
125.00	11.30	37.30#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121718\

Quantitation Report (QT Reviewed)

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Acq On : 17 Dec 2018 17:49
Operator : JU/SJ
Sample : J6229-10DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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Instrument : BNA_N
ClientSampleId : F9F08DL

Manual Integrations APPROVED
Sohil
12/18/2018 5:56:03 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1669	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4910	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12458	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	14265	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	13153	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	611	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1821	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	2981	0.126	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	4823	0.292	ng/ul	99
7) Acenaphthylene	14.19	152	2413	0.109	ng/ul#	91
8) Acenaphthene	14.53	153	433	0.022	ng/ul#	88
9) Fluorene	15.52	166	480	0.021	ng/ul#	87
12) Phenanthrene	17.26	178	27595	0.675	ng/ul	100
13) Anthracene	17.35	178	4876	0.145	ng/ul	95
15) Fluoranthene	19.28	202	21987	0.455	ng/ul	98
17) Pyrene	19.64	202	37078	0.725	ng/ul	95
18) Benzo(a)anthracene	21.39	228	17527	0.389	ng/ul#	87
19) Chrysene	21.44	228	24905	0.483	ng/ul#	93
21) Benzo(b)fluoranthene	23.02	252	17093m	0.314	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	4625m	0.087	ng/ul	
23) Benzo(a)pyrene	23.62	252	13973	0.297	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	26.09	276	10549	0.195	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.09	278	3832	0.088	ng/ul#	18
26) Benzo(g,h,i)perylene	26.82	276	36003	0.767	ng/ul	93

SJ 12/18/18

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