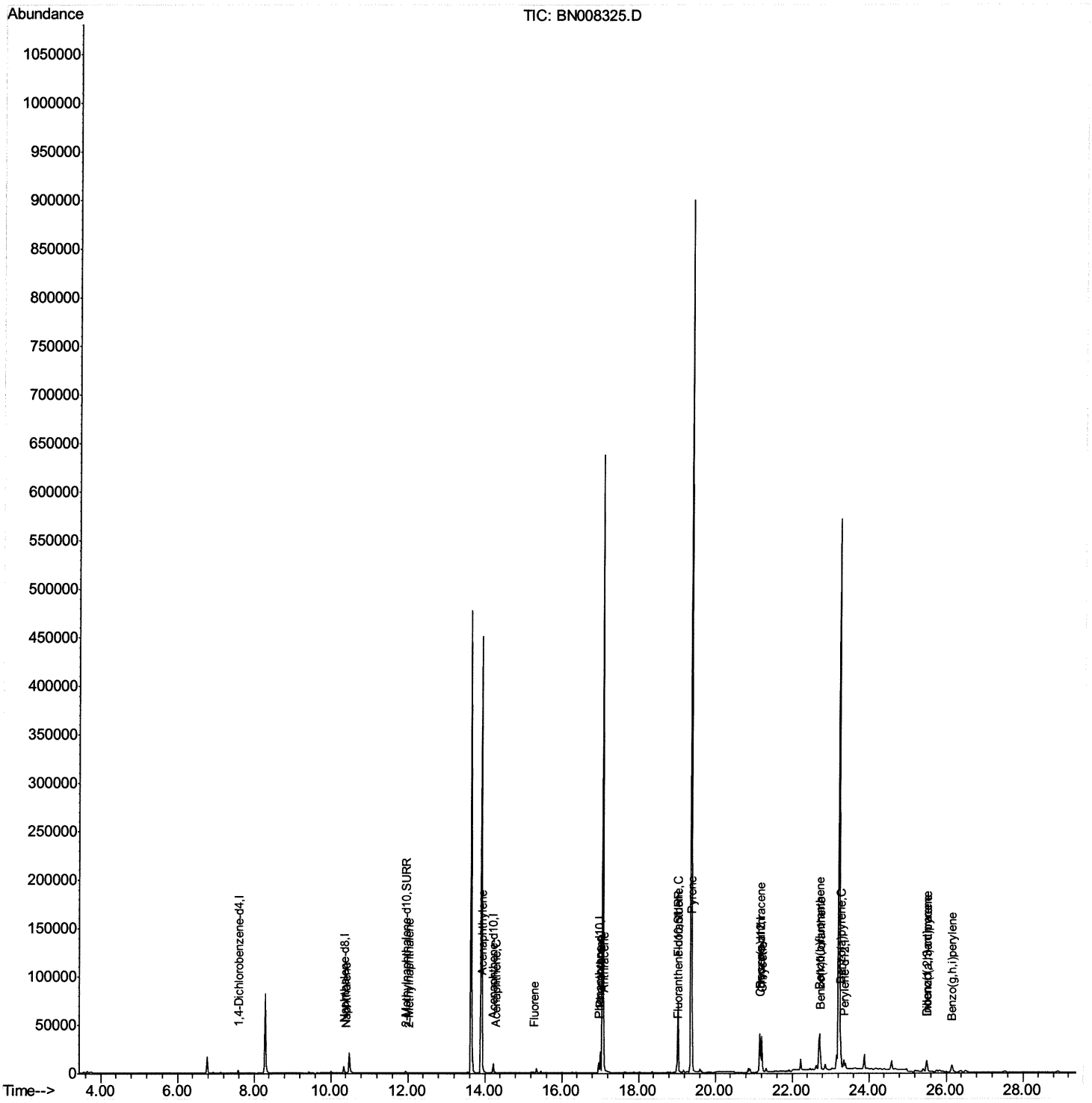
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 02:15:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPD7

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:33 AM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 01:05:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
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ClientSampleId :
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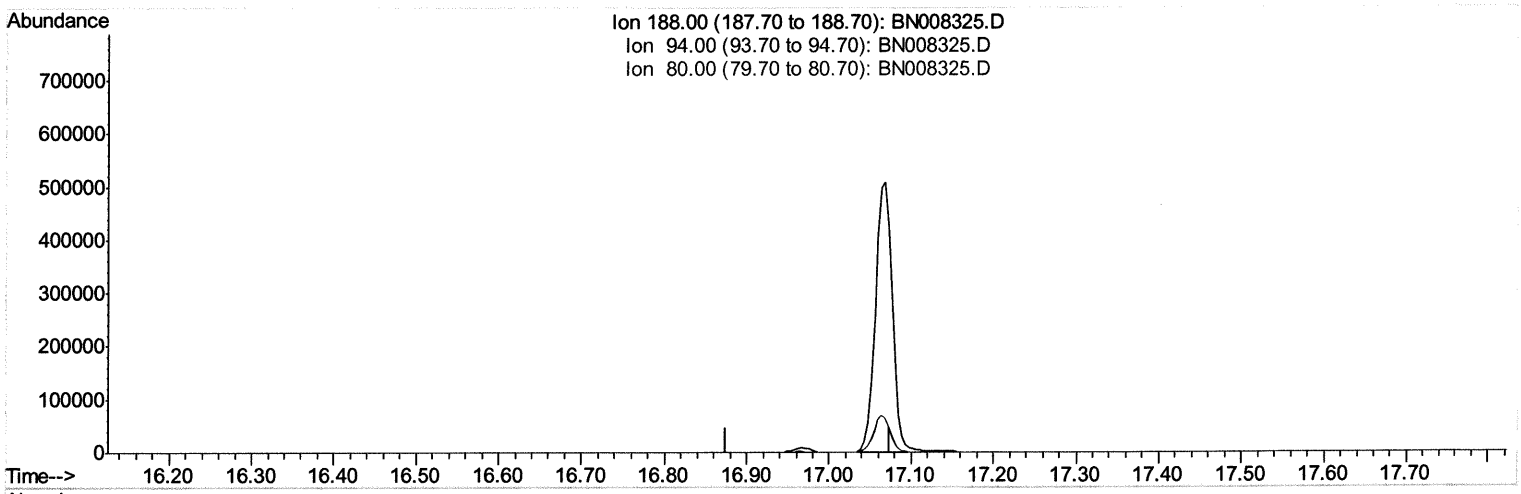

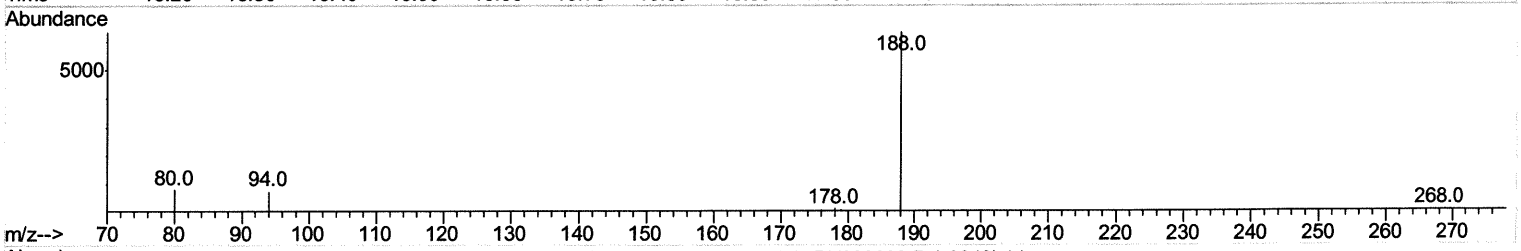

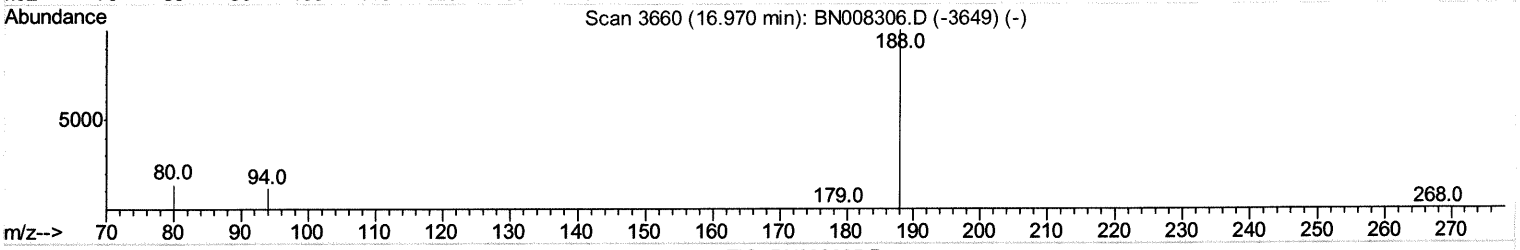

TIC: BN008325.D

(10) Phenanthrene-d10 (I)

16.975min (-16.975) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	10.90	0.00#
80.00	12.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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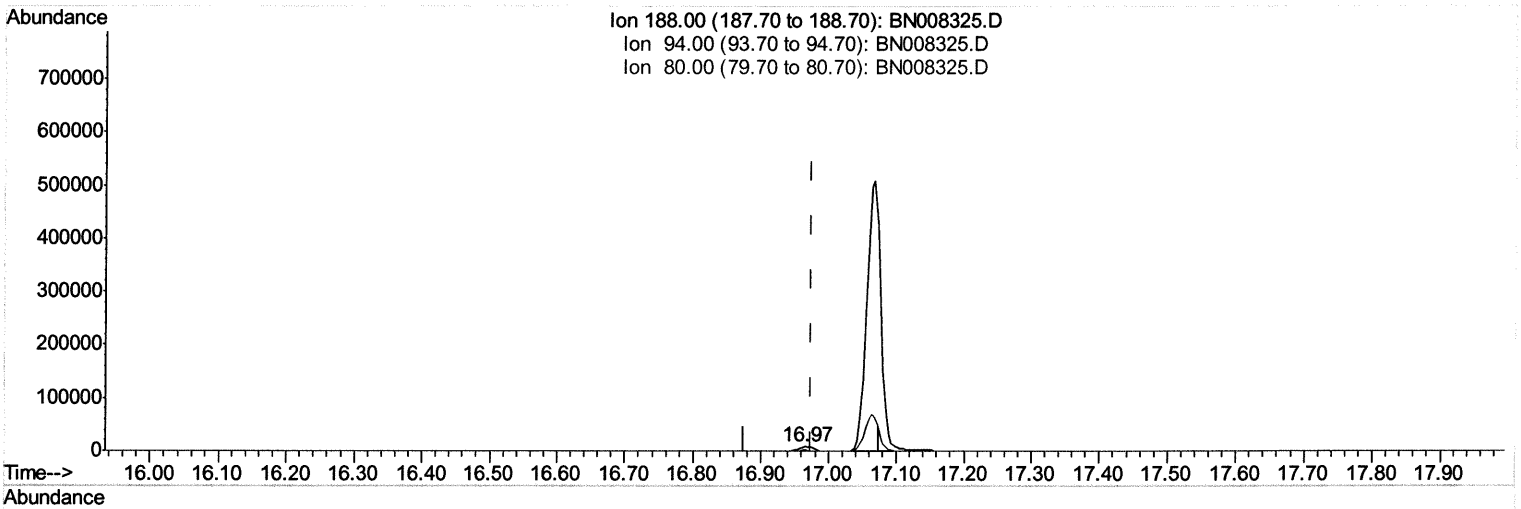
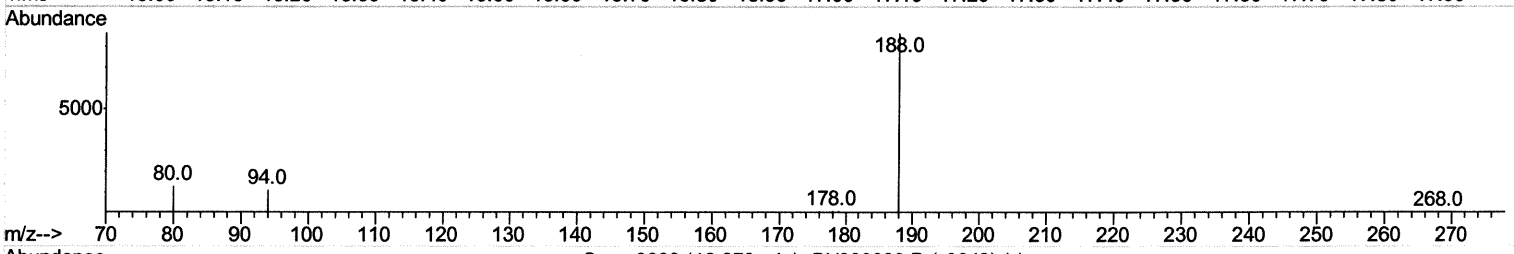
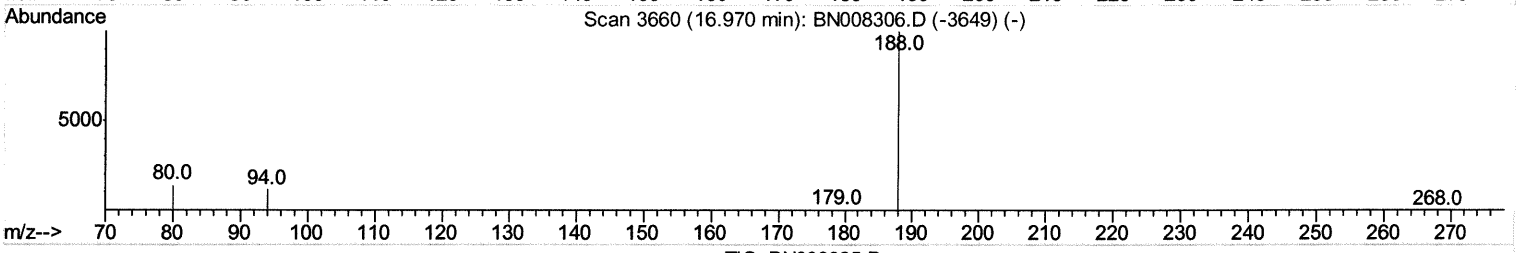
mohammad
10/24/2019 8:05:33 AM







TIC: BN008325.D

(10) Phenanthrene-d10 (I)

16.966min (-0.008) 0.40ng/ul m JH 10.23.19

response 12095

Ion	Exp%	Act%
188.00	100	100
94.00	10.90	13.06
80.00	12.60	15.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 02:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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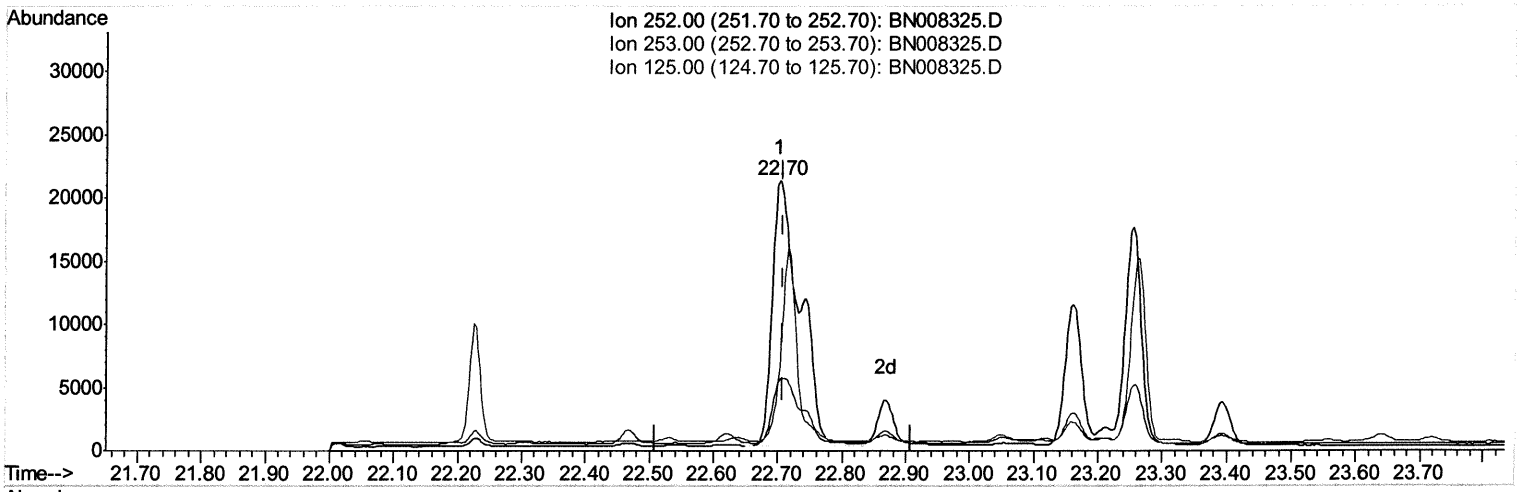
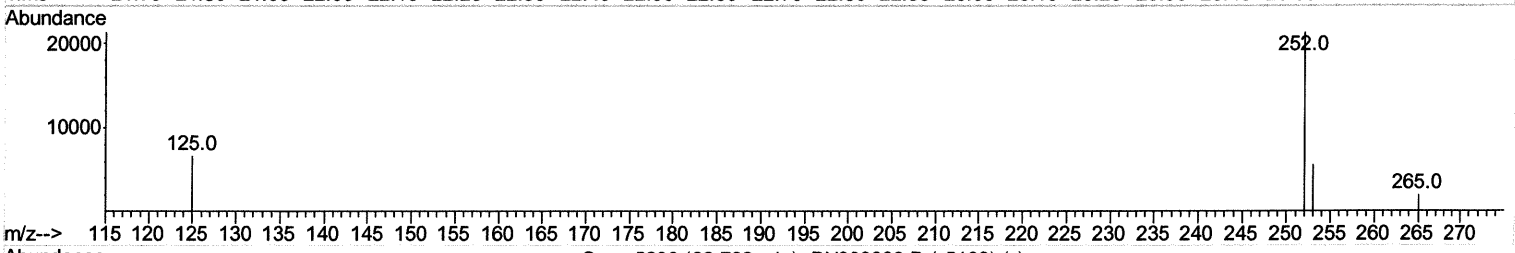
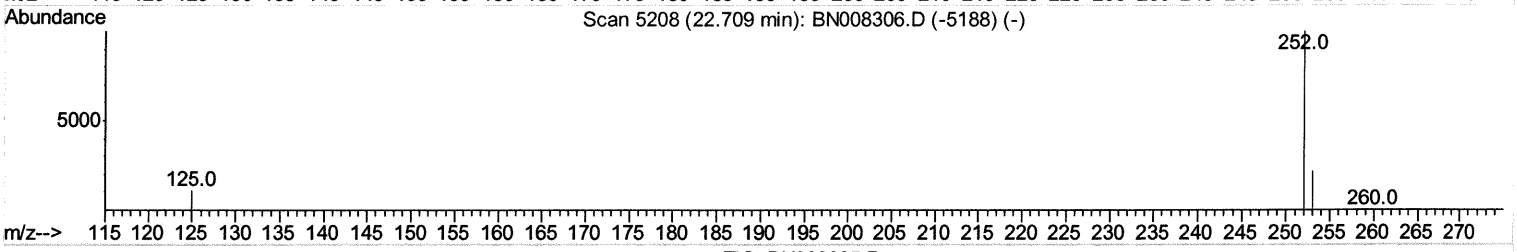
10/24/2019 8:05:33 AM







TIC: BN008325.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 1.82ng/ul

response 63424

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.27
125.00	16.20	31.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 02:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:58:15 2019
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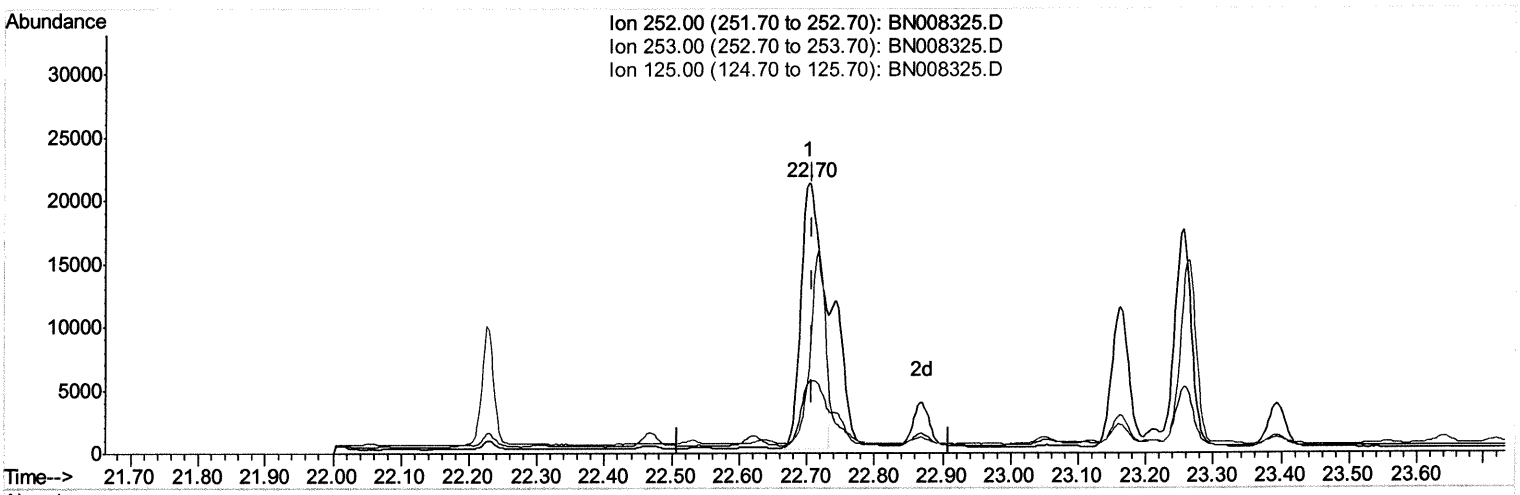
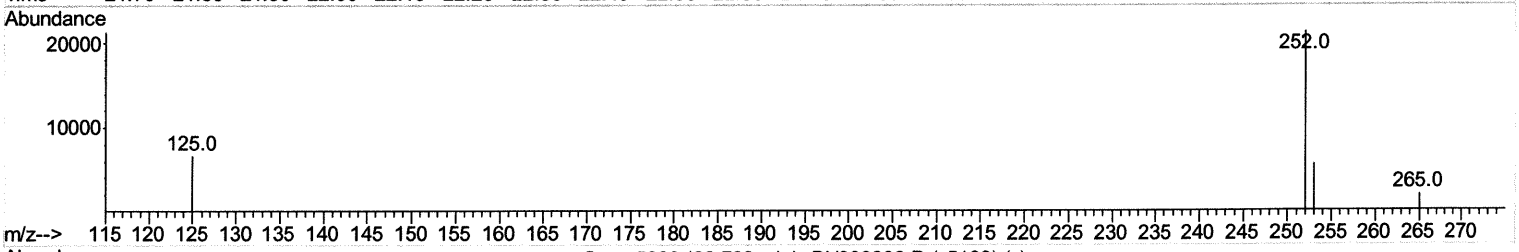
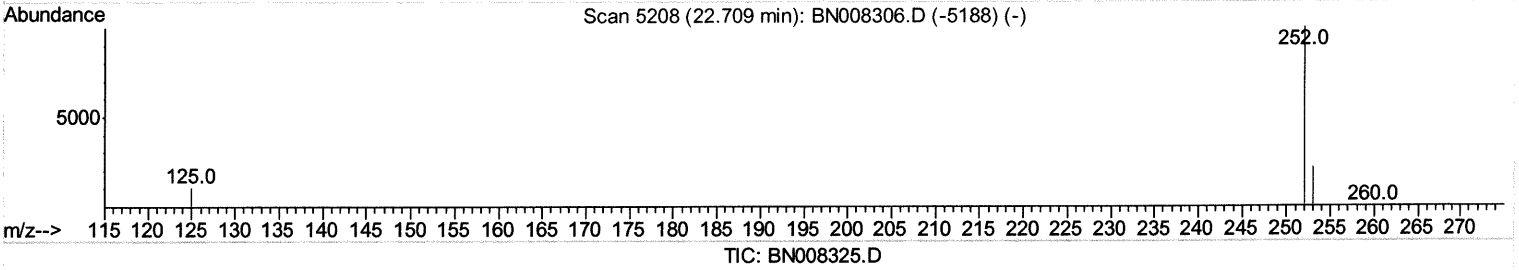
Instrument :
BNA_N
ClientSampleId :
BEPD7

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:33 AM







TIC: BN008325.D

(21) Benzo(b)fluoranthene

22.703min (-0.006) 1.33ng/ul m JL 10.23.19

response 46451

Ion	Exp%	Act%
252.00	100	100
253.00	26.70	26.27
125.00	16.20	31.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 02:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Mon Oct 21 23:58:15 2019
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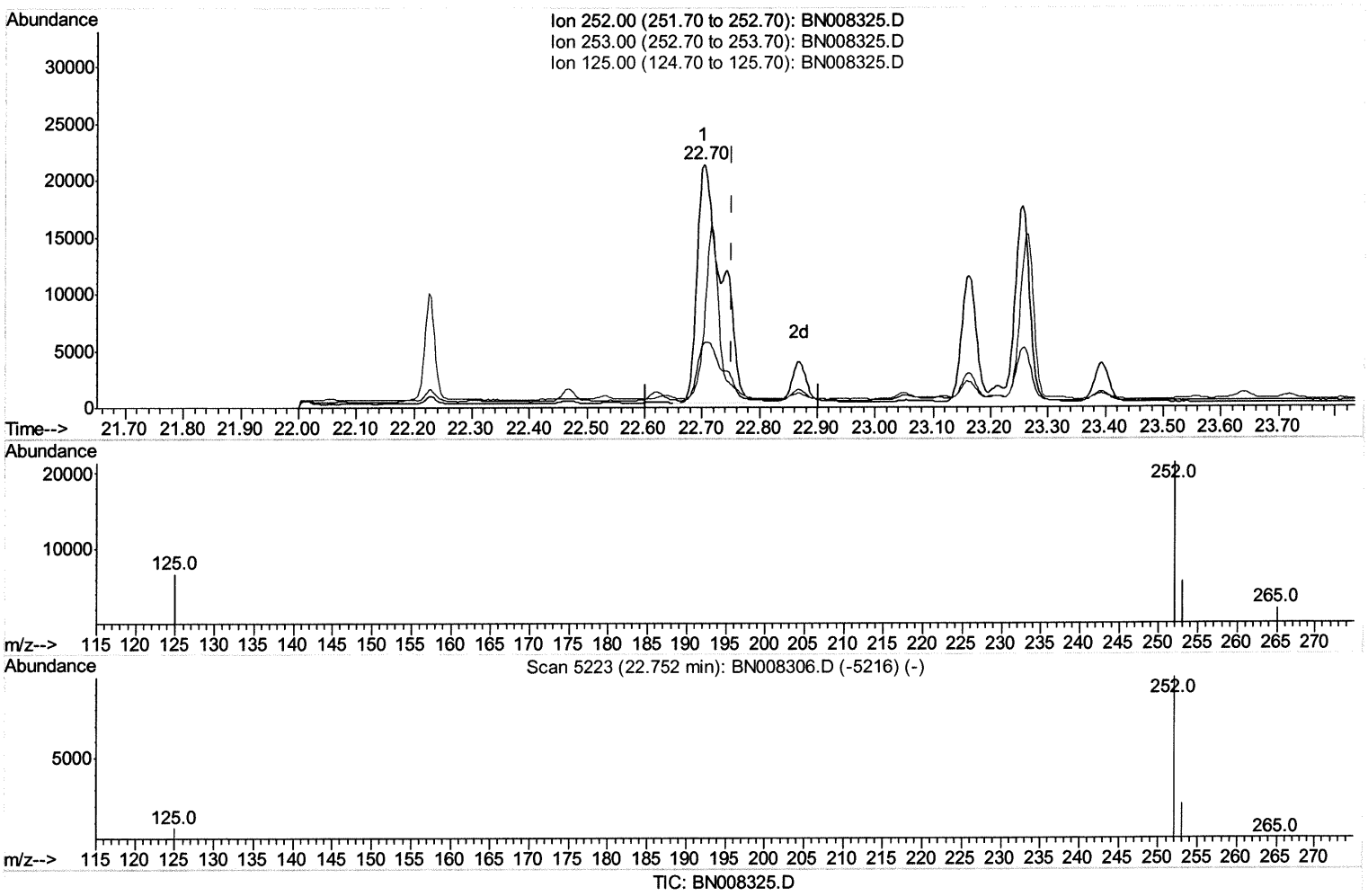
Instrument :
BNA_N
ClientSampleId :
BEPD7

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:33 AM



TIC: BN008325.D

(22) Benzo(k)fluoranthene

22.703min (-0.050) 1.61ng/ul

response 63424

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.27
125.00	15.40	31.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN102219\
Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 23 02:13:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
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ClientSampleId :
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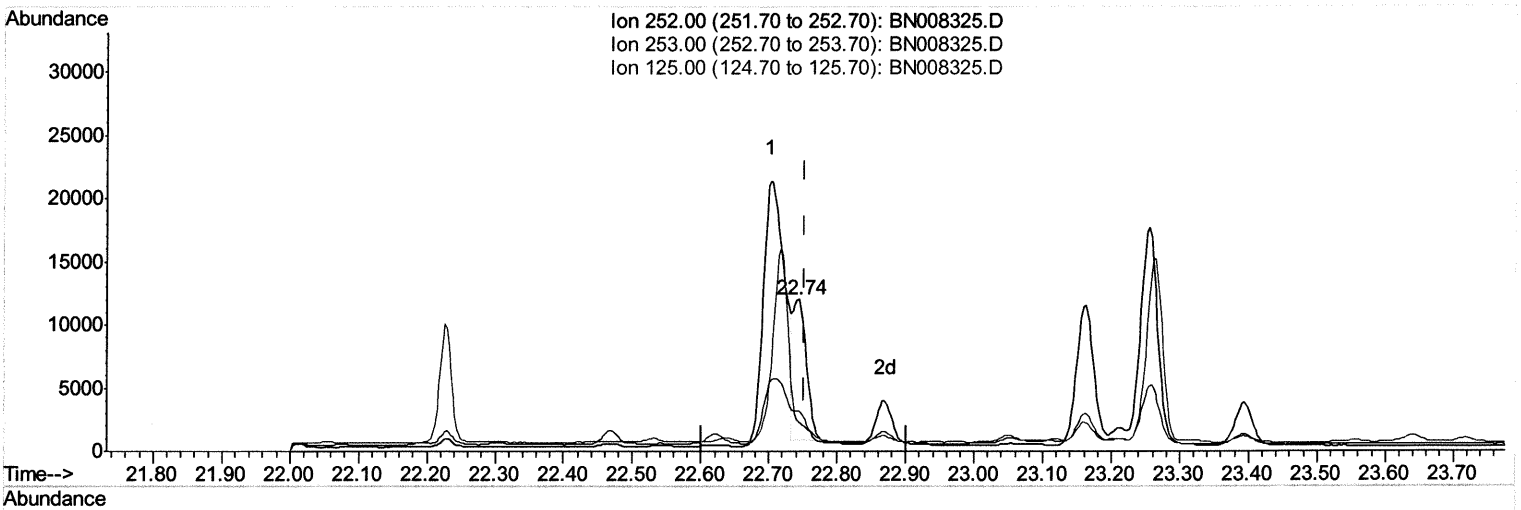
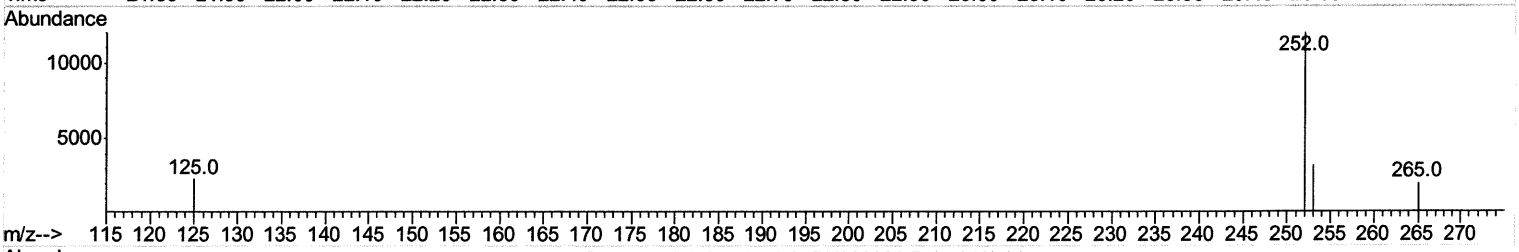
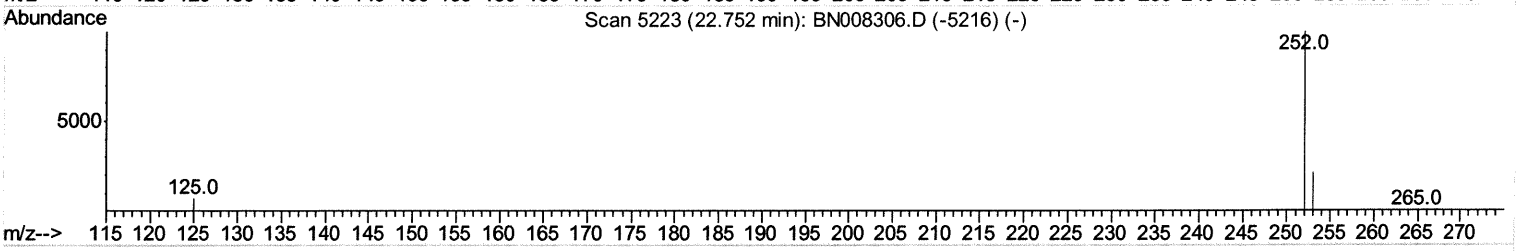
Manual Integrations APPROVED
mohammad
10/24/2019 8:05:33 AM







TIC: BN008325.D

(22) Benzo(k)fluoranthene

22.744min (-0.009) 0.39ng/ul m JU 10-23-19

response 15275

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	26.83
125.00	15.40	19.21#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BN008325.D
Acq On : 22 Oct 2019 21:22
Operator : JU
Sample : K5223-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD7

Manual Integrations APPROVED
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Quant Time: Oct 23 02:15:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1768	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8815	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5460	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12095m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11643	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10696	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3657	0.25	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10329	0.25	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	955	0.038	ng/ul#	81
5) 2-Methylnaphthalene	12.02	142	418	0.024	ng/ul	98
7) Acenaphthylene	13.94	152	1753	0.067	ng/ul#	80
8) Acenaphthene	14.28	153	865	0.043	ng/ul	96
9) Fluorene	15.27	166	987	0.043	ng/ul#	94
12) Phenanthrene	17.01	178	22119	0.625	ng/ul	99
13) Anthracene	17.10	178	4622	0.148	ng/ul	95
15) Fluoranthene	19.03	202	63091	1.349	ng/ul	96
17) Pyrene	19.40	202	56701	1.223	ng/ul	99
18) Benzo(a)anthracene	21.16	228	33601	0.794	ng/ul	97
19) Chrysene	21.21	228	37124	0.715	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	46451m	1.334	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	15275m	0.387	ng/ul	
23) Benzo(a)pyrene	23.26	252	29977	0.818	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.50	276	18836	0.436	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.51	278	4824	0.141	ng/ul#	83
26) Benzo(g,h,i)perylene	26.15	276	14510	0.367	ng/ul	95

JU 10.23.19

JU 10.23.19

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