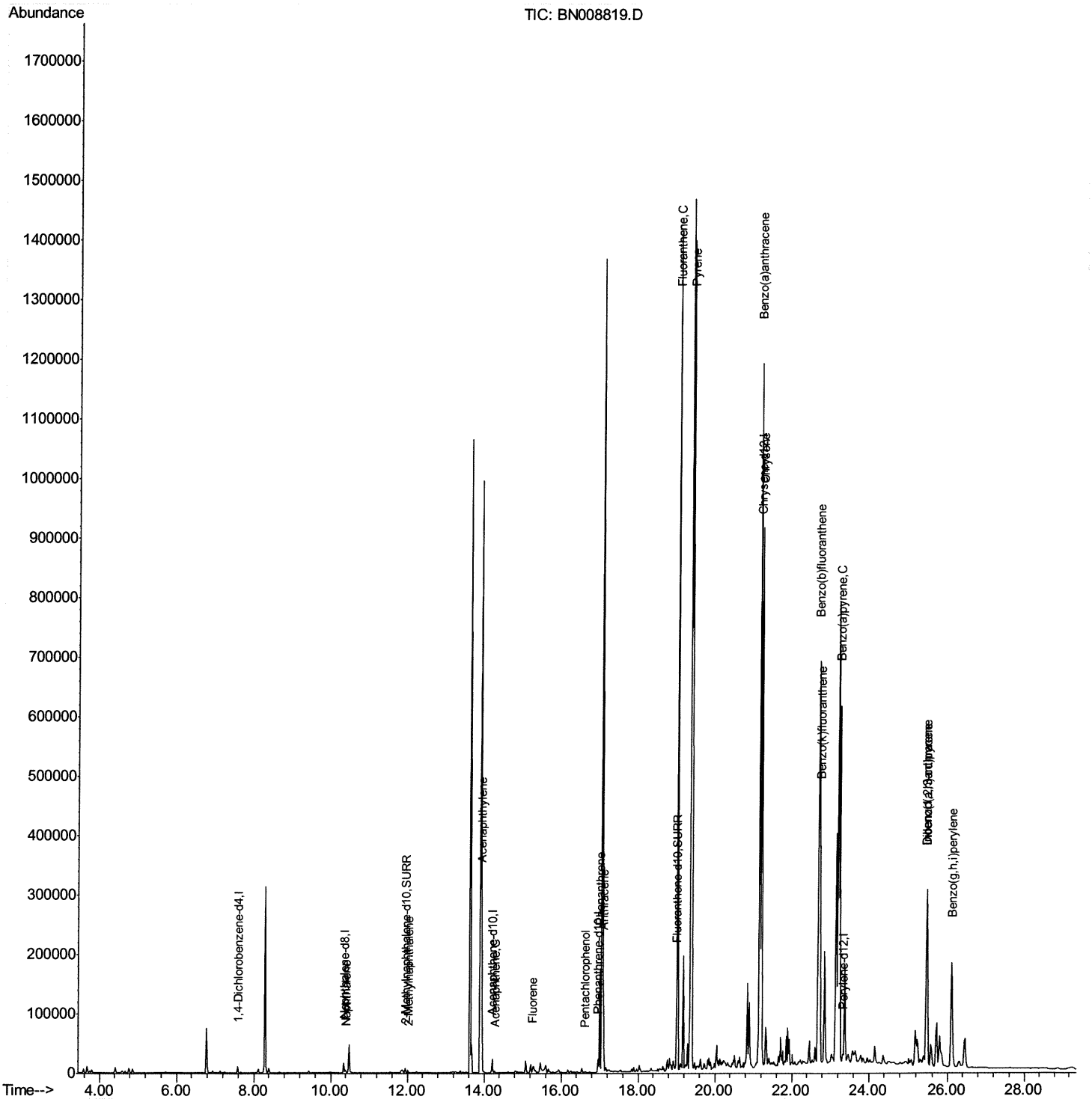
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008819.D
Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:21:34 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM



Quantitation Report (Qedit)

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Data File : BN008819.D
Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:14:29 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 : Mon Dec 02 12:46:36 2019
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ClientSampleId :
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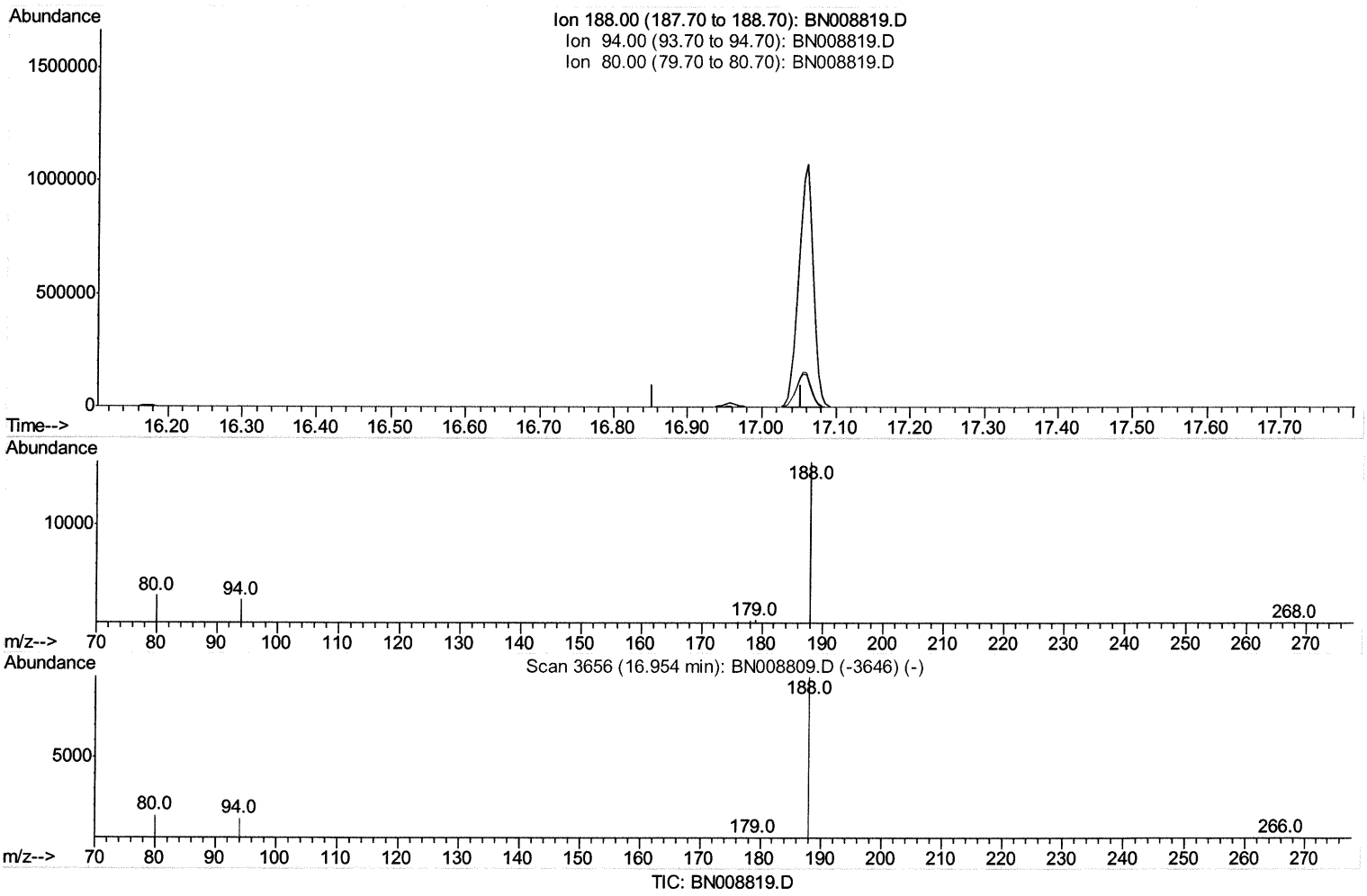
Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM



TIC: BN008819.D

(10) Phenanthrene-d10 (I)

16.954min (-16.954) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	12.20	0.00#
80.00	14.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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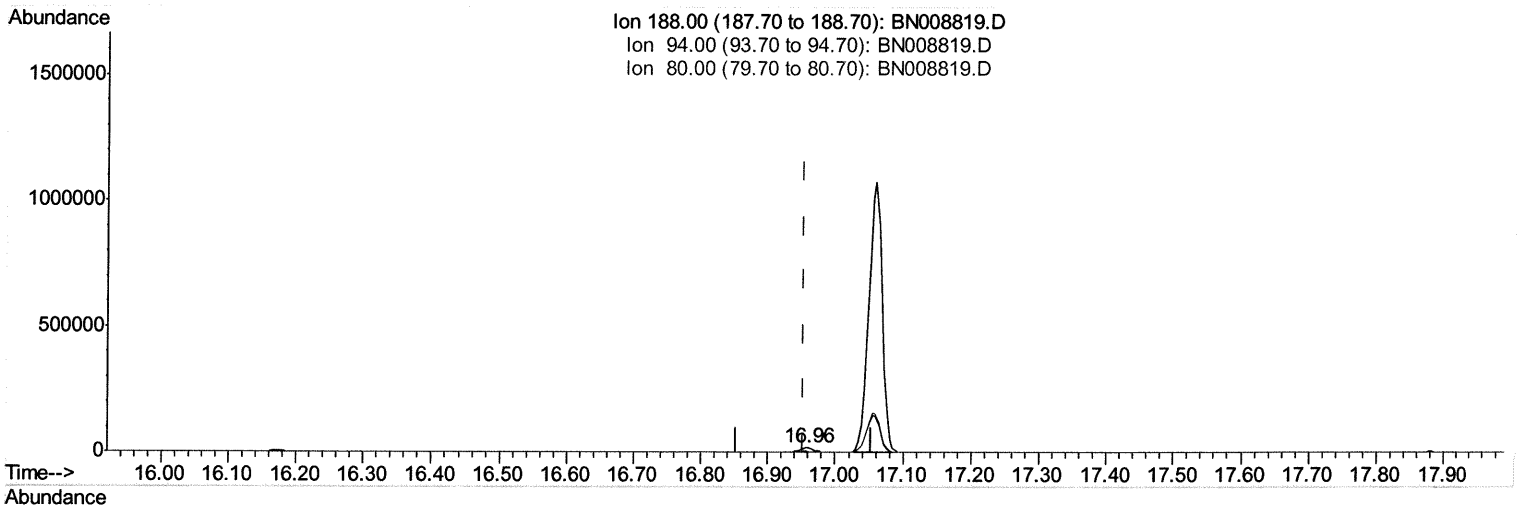
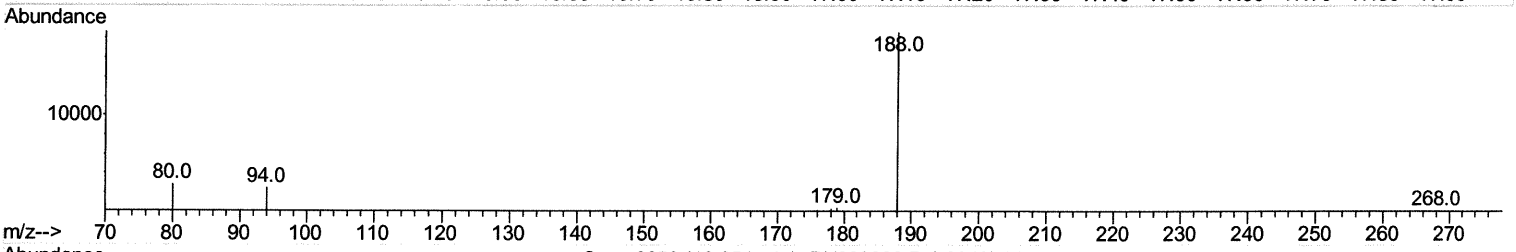
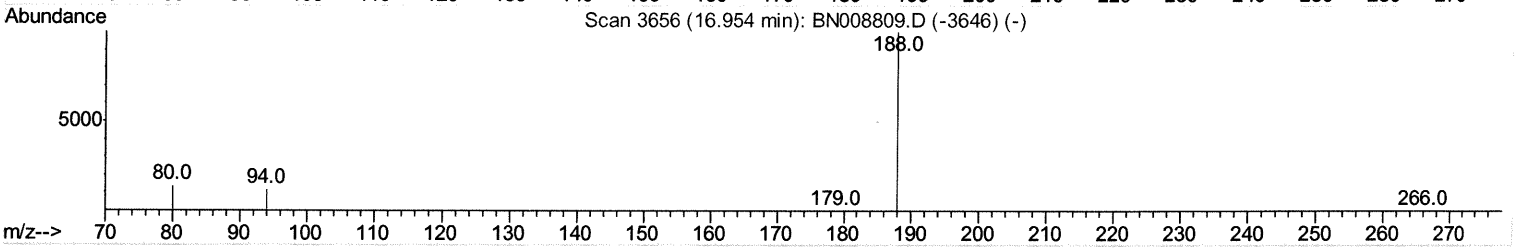
Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM







TIC: BN008819.D

(10) Phenanthrene-d10 (I)

16.958min (+0.004) 0.40ng/ul m JU 12/03/19

response 24884

Ion	Exp%	Act%
188.00	100	100
94.00	12.20	13.13
80.00	14.40	15.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
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Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
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QLast Update : Mon Dec 02 12:46:36 2019
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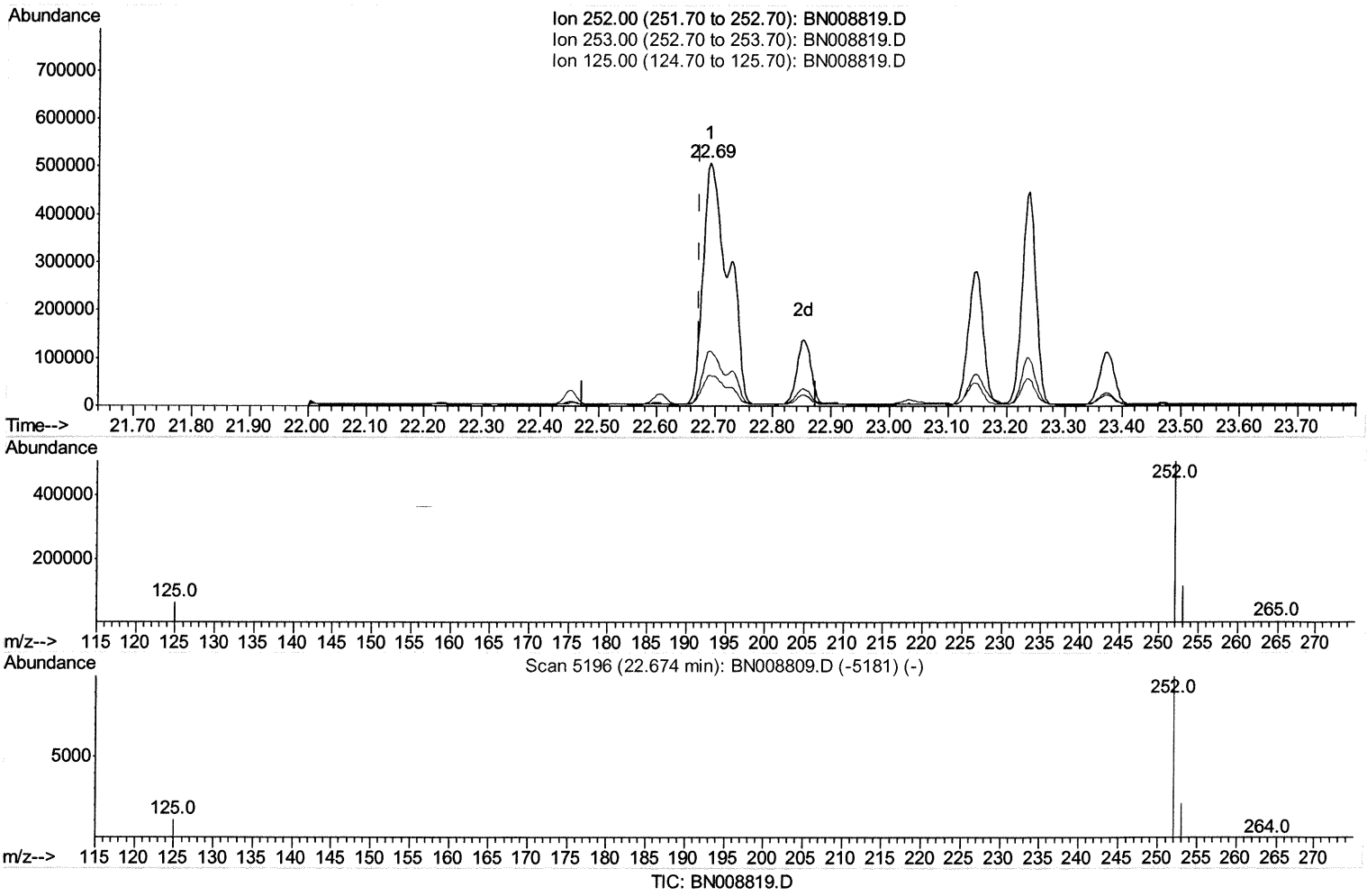
Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM



TIC: BN008819.D

(21) Benzo(b)fluoranthene

22.691min (+0.018) 22.82ng/ul

response 1512158

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.80
125.00	15.80	12.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
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Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:19:20 2019
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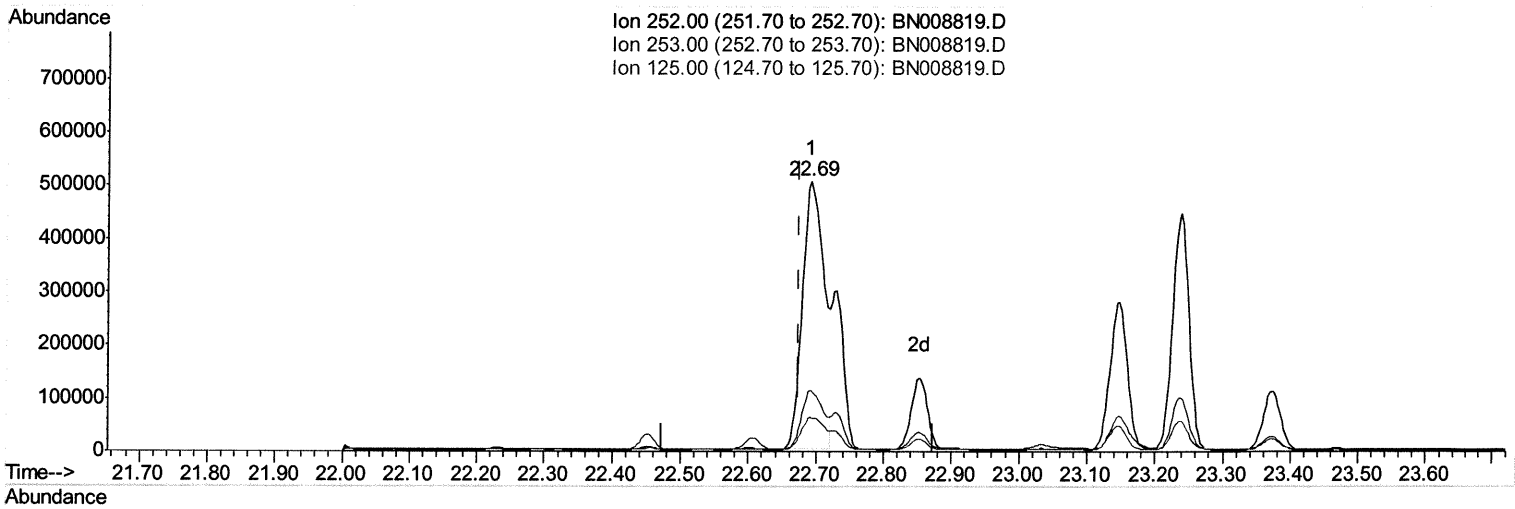
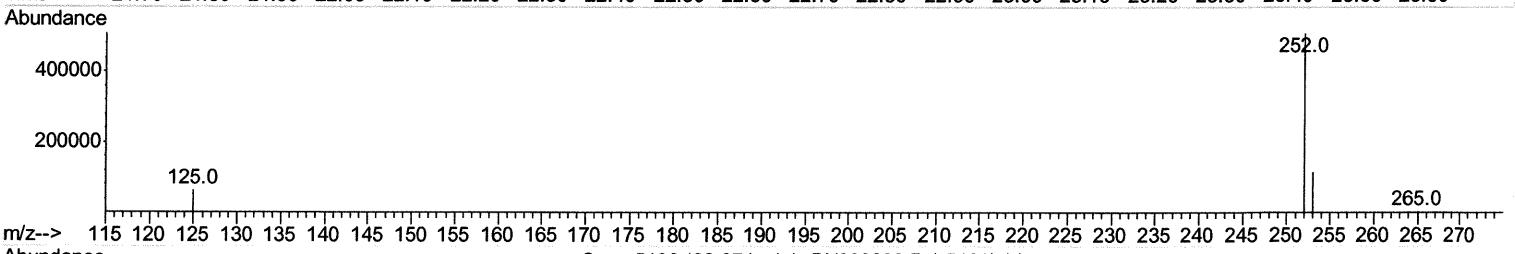
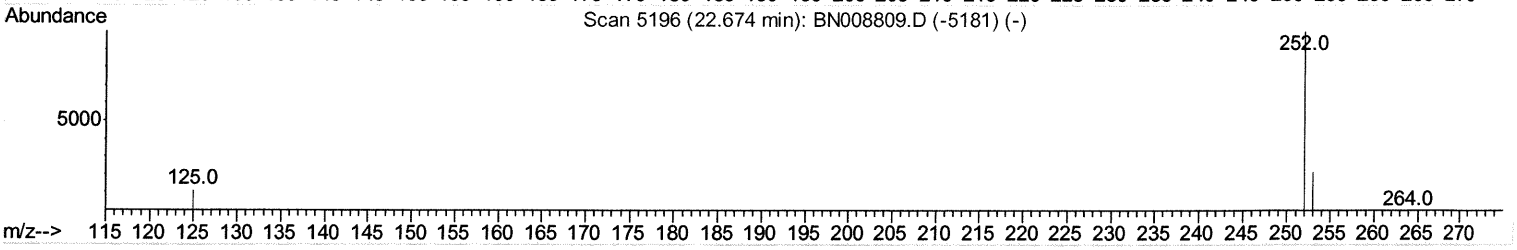
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM







TIC: BN008819.D

(21) Benzo(b)fluoranthene

22.691min (+0.018) 17.10ng/ul m JU 12/03/19

response 1132974

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.80
125.00	15.80	12.53
0.00	0.00	0.00

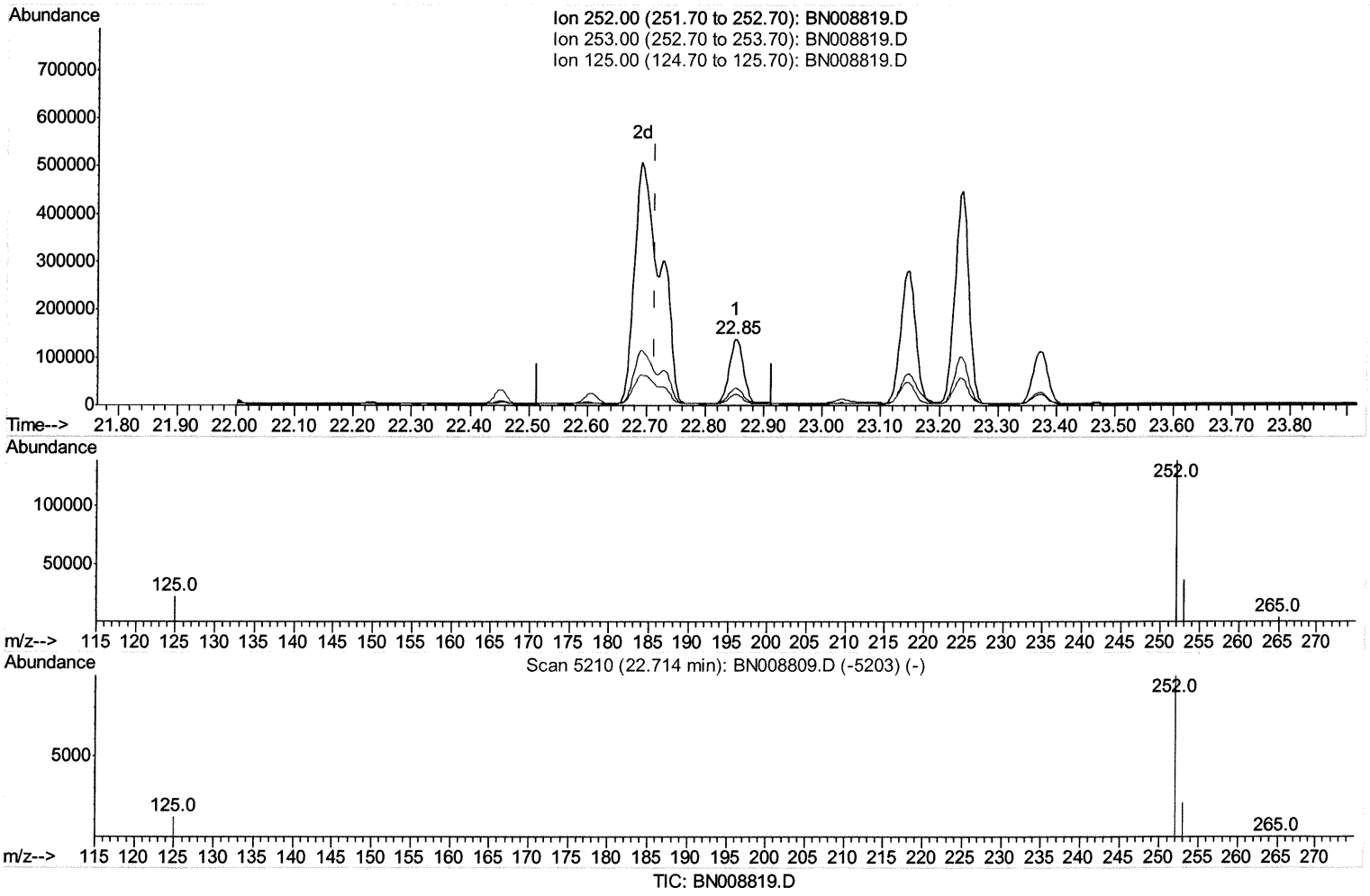
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008819.D
Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:19:20 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM



TIC: BN008819.D

(22) Benzo(k)fluoranthene

22.852min (+0.138) 3.55ng/ul

response 233384

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	26.43
125.00	17.20	16.39
0.00	0.00	0.00

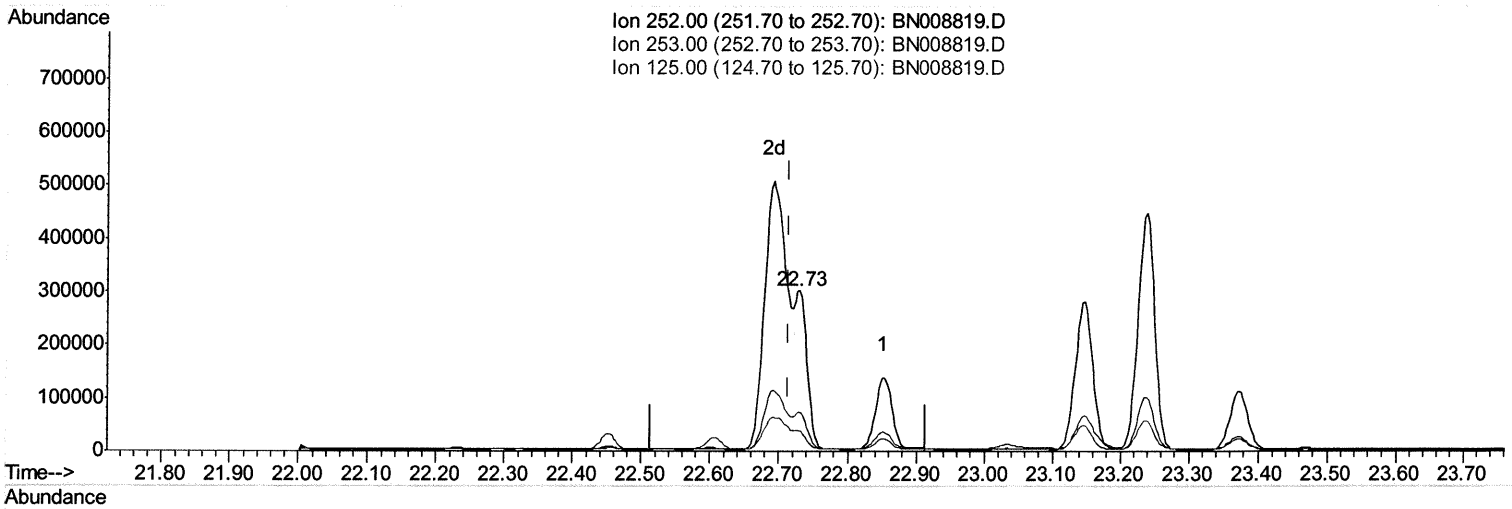
Quantitation Report (Qedit)

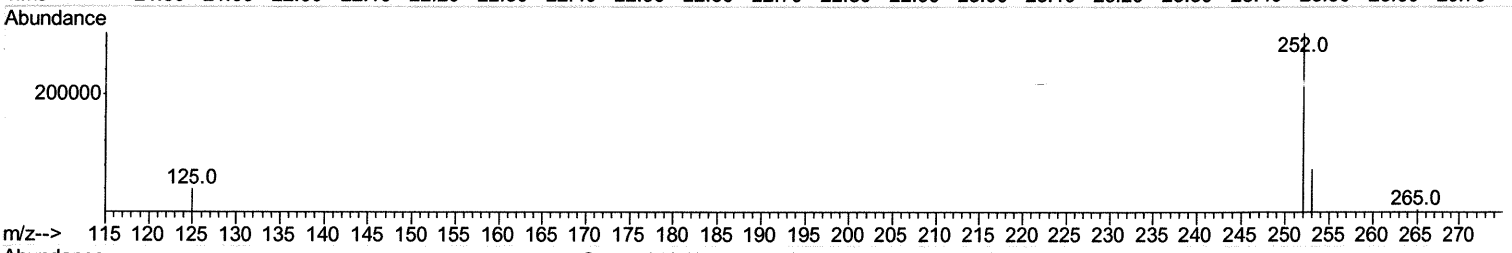
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008819.D
Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

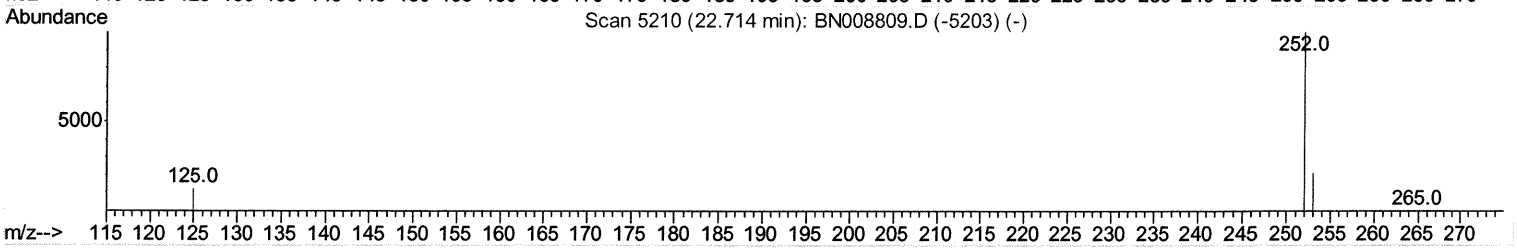
Quant Time: Dec 03 00:19:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM







TIC: BN008819.D

(22) Benzo(k)fluoranthene

22.729min (+0.015) 5.54ng/ul m JU 12/03/19

response 364383

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	24.24
125.00	17.20	12.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 02 Dec 2019 17:54
Operator : JU
Sample : K5851-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 03 00:19:20 2019
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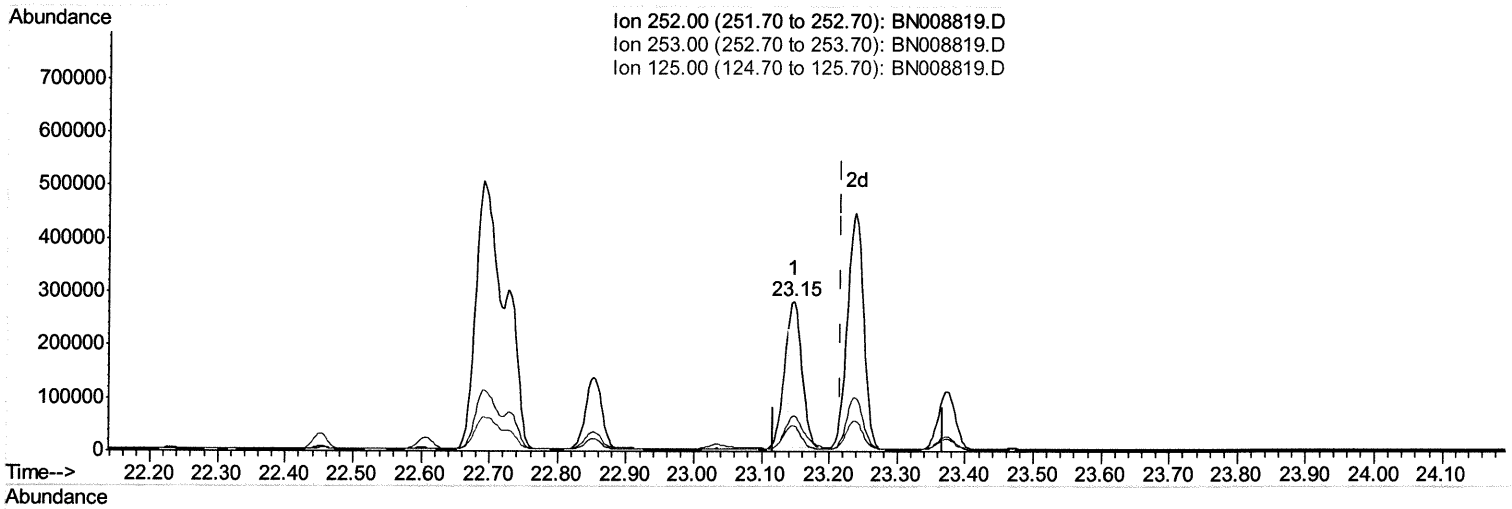
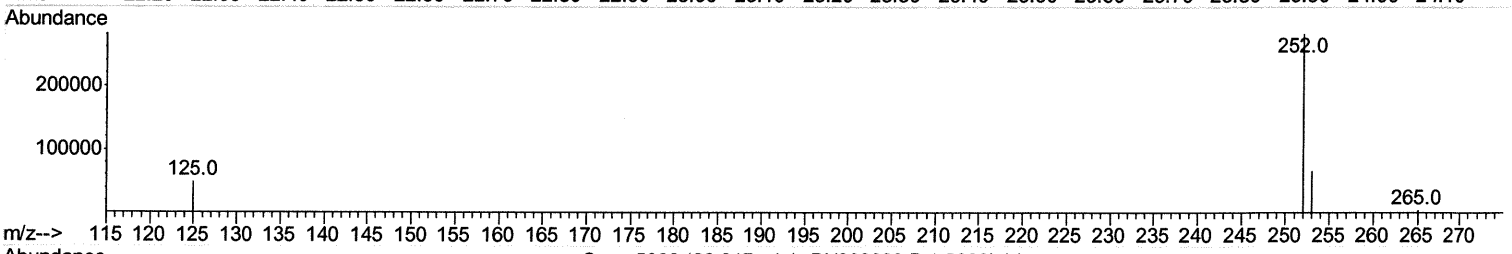
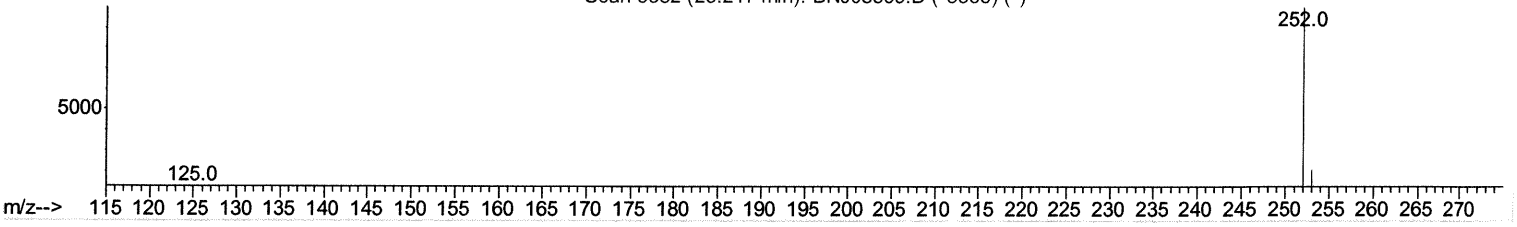
Instrument :
BNA_N
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM





Scan 5382 (23.217 min): BN008809.D (-5366) (-)



TIC: BN008819.D

(23) Benzo(a)pyrene (C)

23.147min (-0.070) 5.51ng/ul

response 342652

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	23.65
125.00	18.30	17.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
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Misc :
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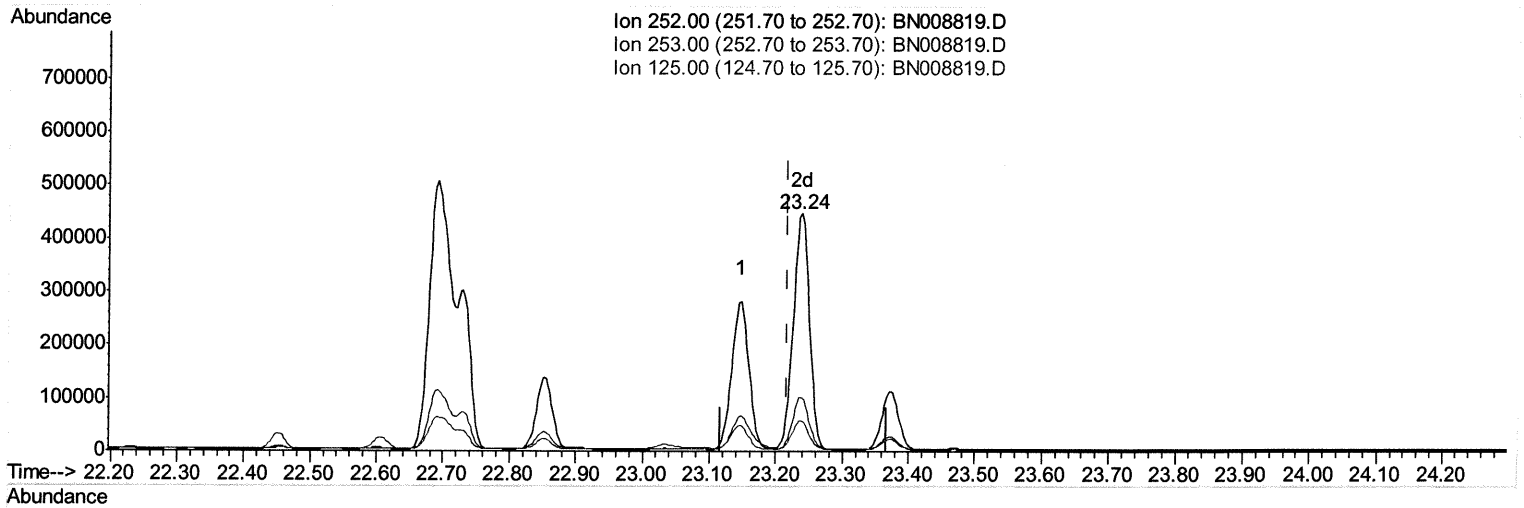
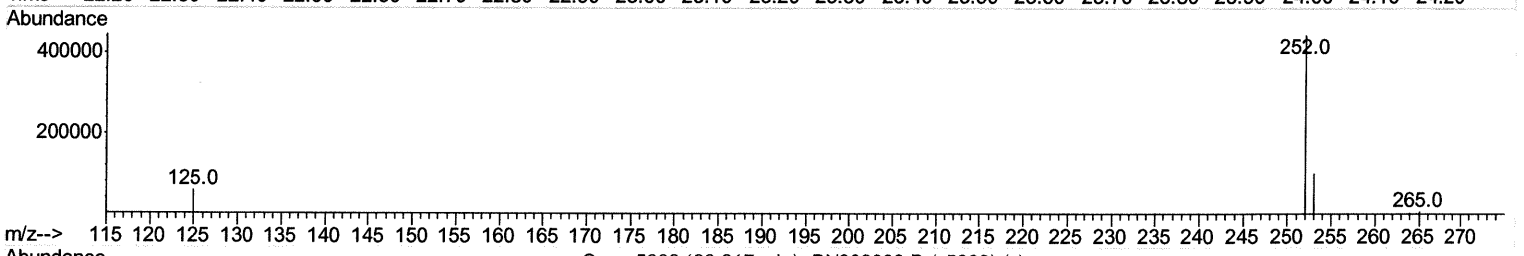
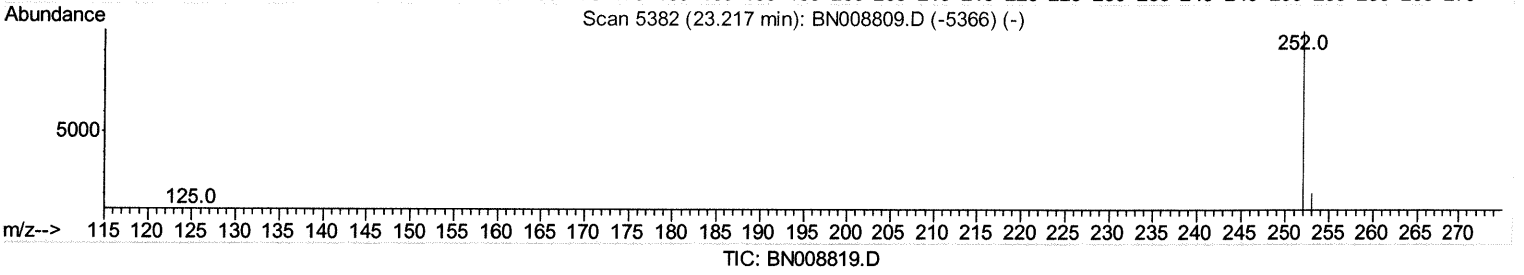
ClientSampleId :
C0AA4

Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM







(23) Benzo(a)pyrene (C)

23.238min (+0.021) 12.10ng/ul m JU 12/03/19

response 752838

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	22.92
125.00	18.30	13.05#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
12/3/2019 2:39:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	21084	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	12099	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24884m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	16266	0.40	ng/ul	0.01
20) Perylene-d12	23.33	264	16070	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	9023	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	20920	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	6287	0.099	ng/ul	97
5) 2-Methylnaphthalene	12.02	142	3870	0.087	ng/ul	99
7) Acenaphthylene	13.93	152	255931	3.826	ng/ul	99
8) Acenaphthene	14.28	153	2568	0.052	ng/ul#	93
9) Fluorene	15.27	166	10750	0.184	ng/ul#	92
11) Pentachlorophenol	16.62	266	204	0.022	ng/ul	95
12) Phenanthrene	17.00	178	176980	2.109	ng/ul	99
13) Anthracene	17.09	178	167655	2.114	ng/ul	100
15) Fluoranthene	19.02	202	1148316	11.138	ng/ul	99
17) Pyrene	19.39	202	1059085	16.230	ng/ul	98
18) Benzo(a)anthracene	21.15	228	1016805	15.544	ng/ul	94
19) Chrysene	21.20	228	858384	13.360	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	1132974m	17.097	ng/ul	91
22) Benzo(k)fluoranthene	22.73	252	364383m	5.544	ng/ul	
23) Benzo(a)pyrene	23.24	252	752838m	12.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.46	276	414240	5.694	ng/ul	91
25) Dibenzo(a,h)anthracene	25.47	278	122759	2.089	ng/ul	96
26) Benzo(g,h,i)perylene	26.11	276	351704	5.780	ng/ul	98

JU 12/03/19

JU 12/03/19

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