

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:26:19 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

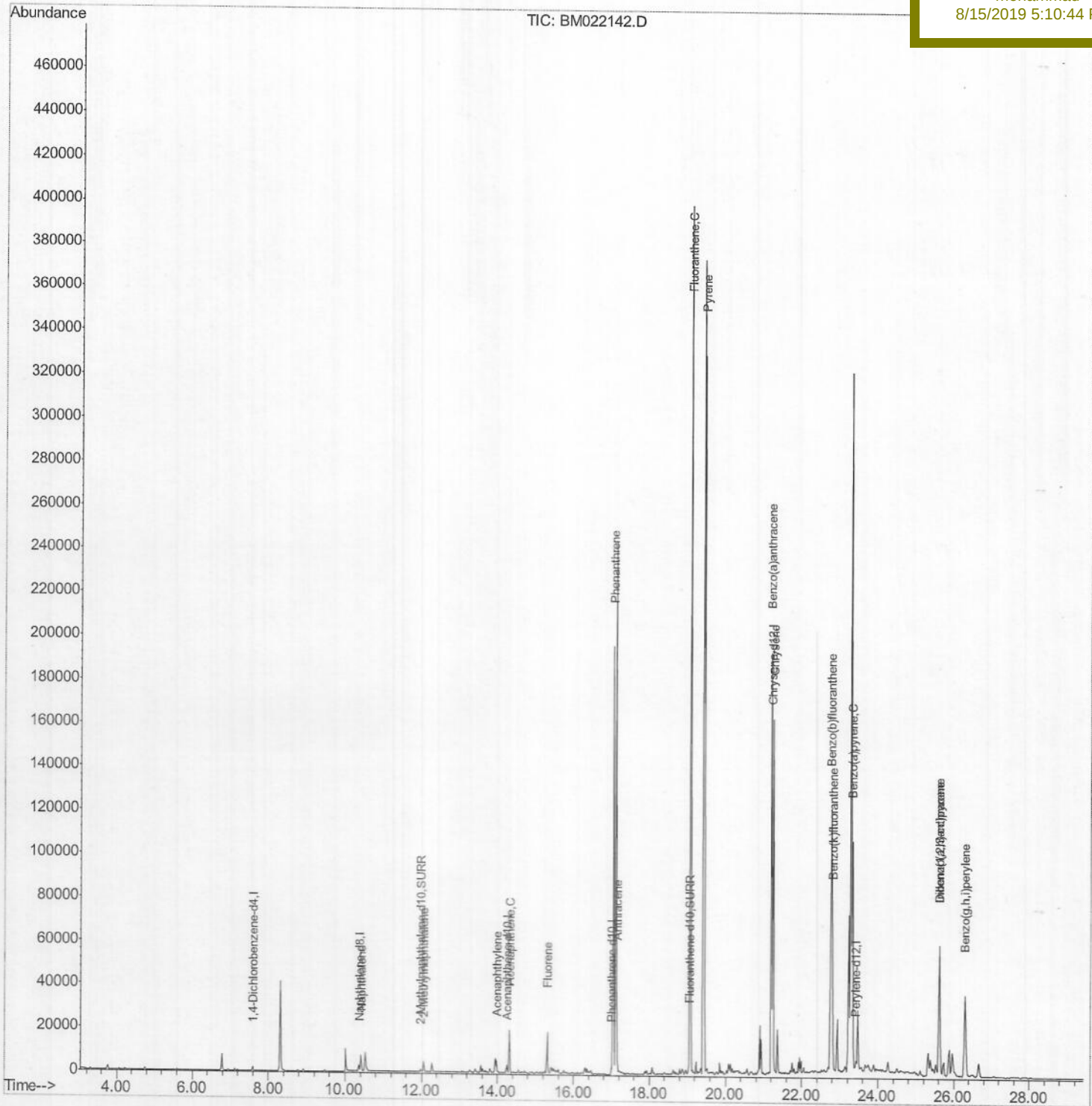
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

CB5P7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:10:44 PM

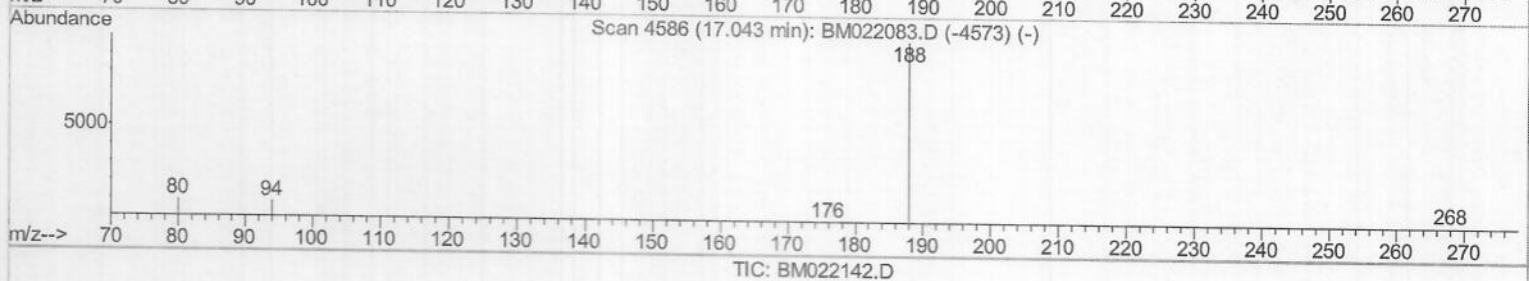
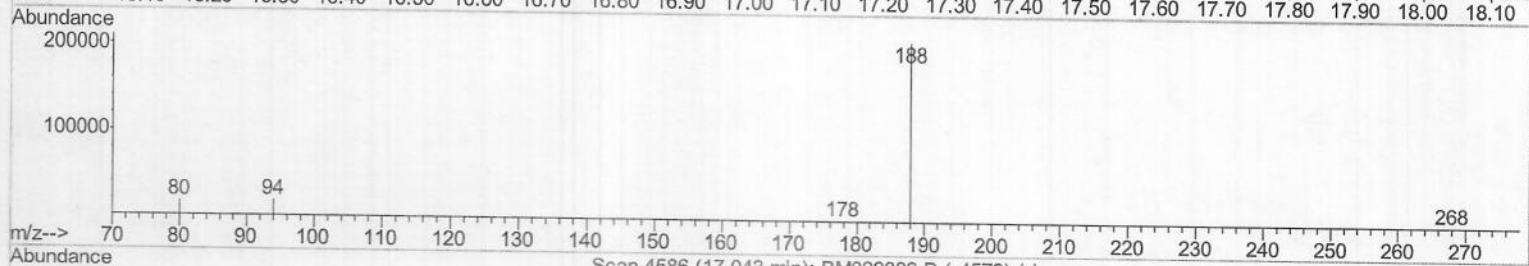
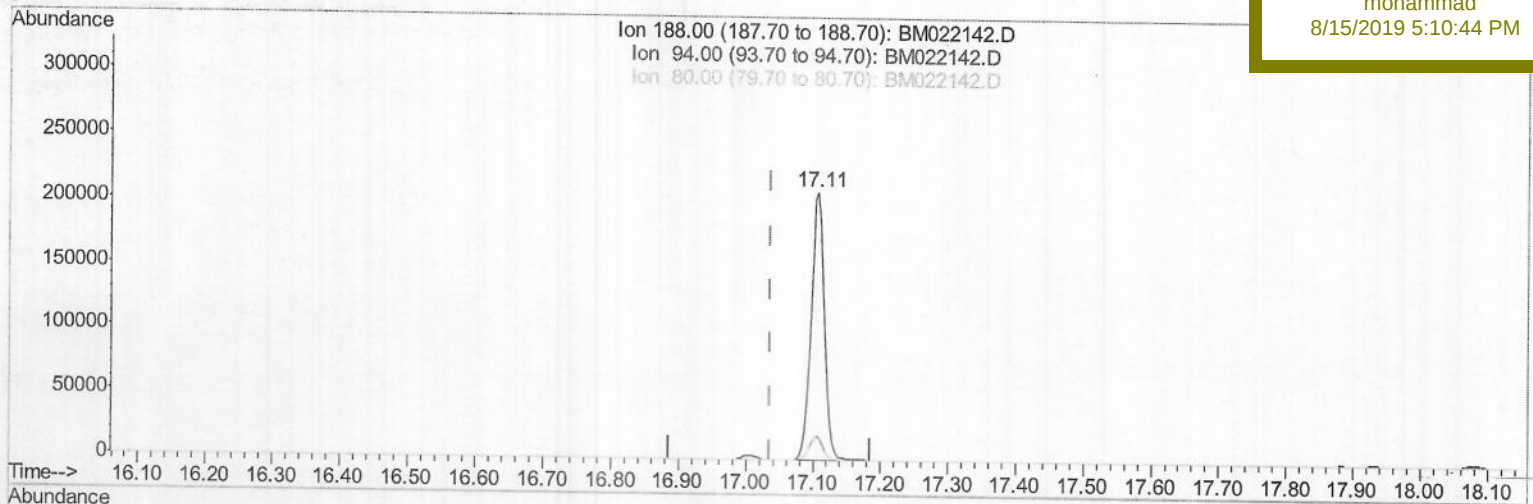
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:20:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(10) Phenanthrene-d10 (I)
17.107min (+0.071) 0.40ng/ul
response 286966

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.62
80.00	11.40	8.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:20:34 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

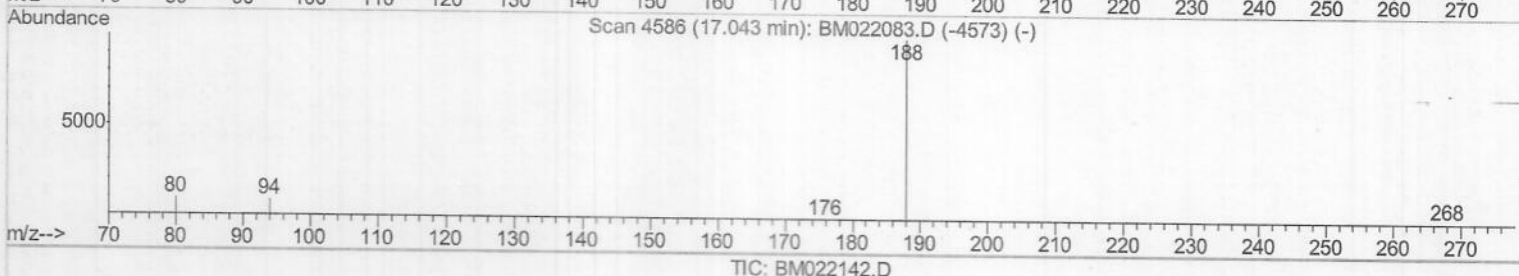
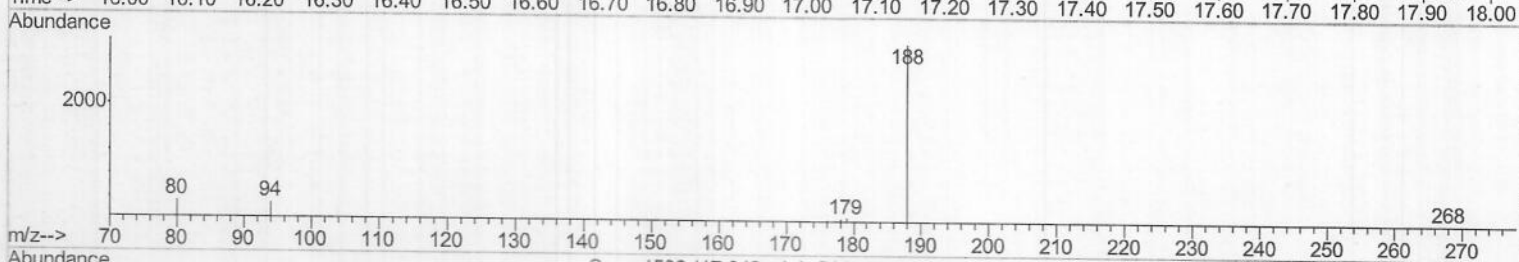
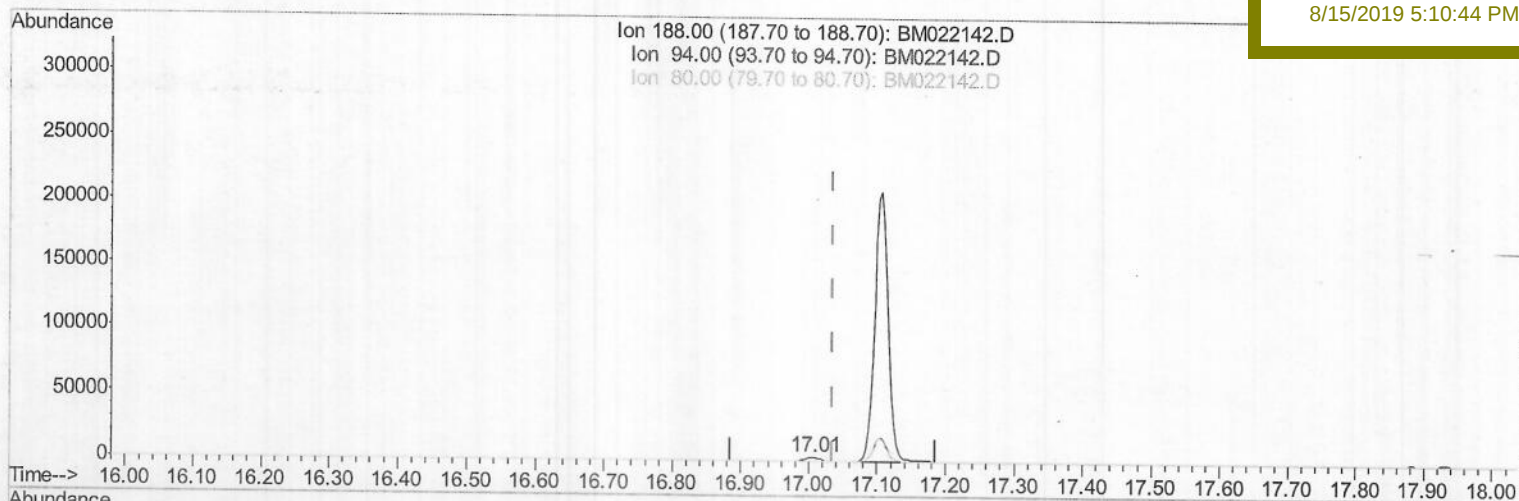
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



(10) Phenanthrene-d10 (I)

17.006min (-0.029) 0.40ng/ul m) JU
08/16/19

response 4411

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.80
80.00	11.40	10.95
0.00	0.00	0.00

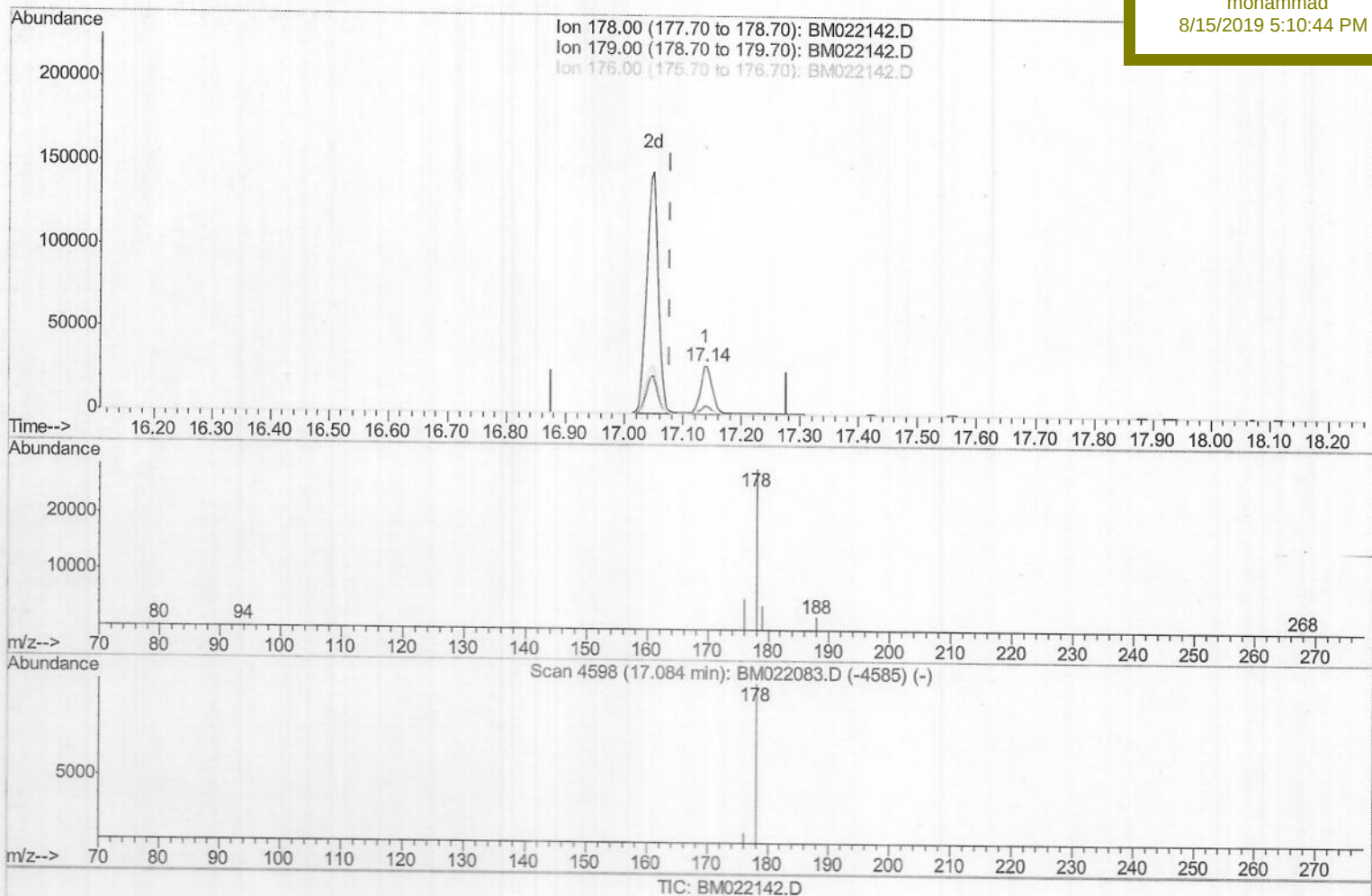
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(12) Phenanthrene

17.138min (+0.061) 3.22ng/ul

response 41272

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.56
176.00	21.00	19.22
0.00	0.00	0.00

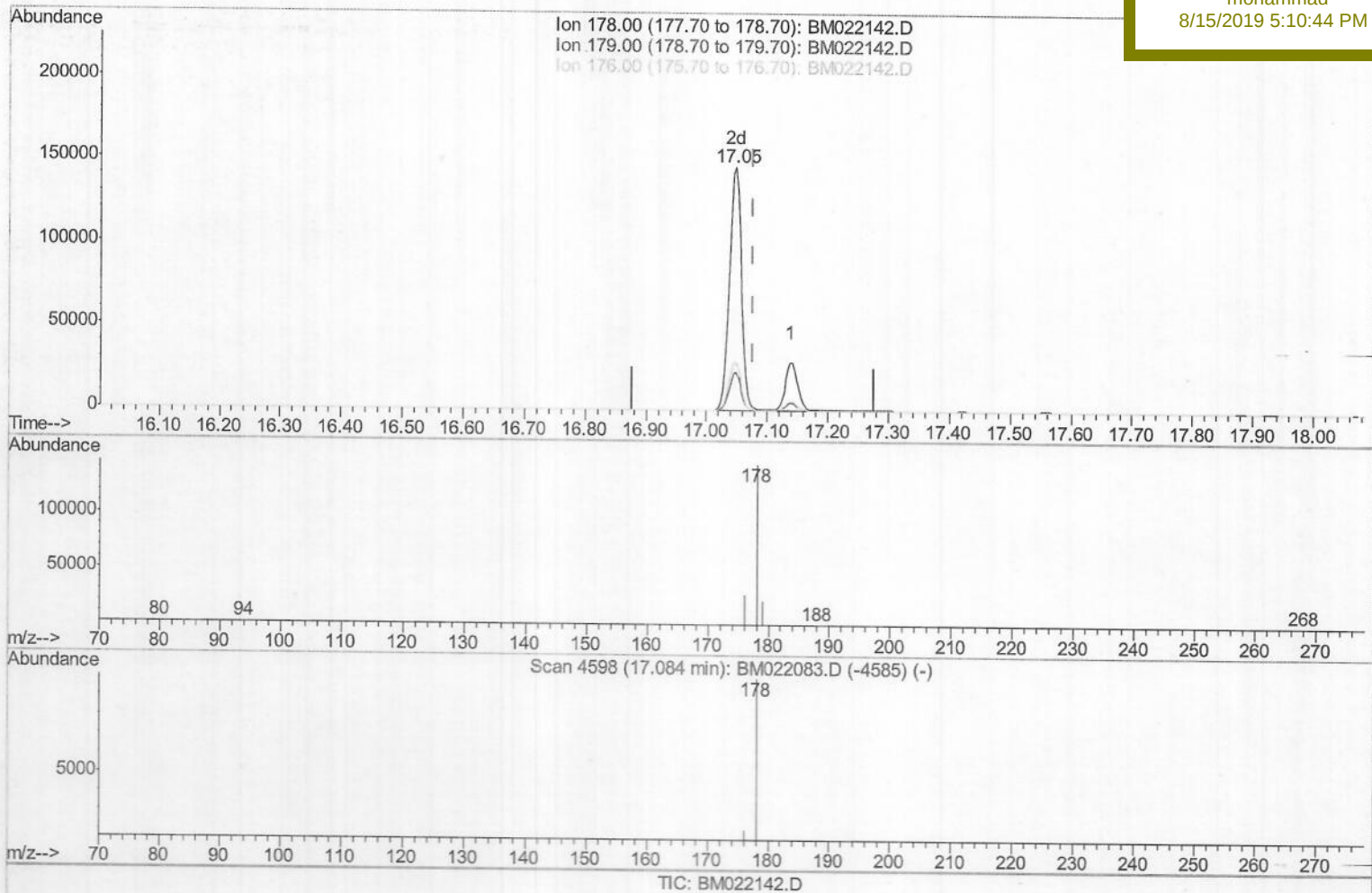
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(12) Phenanthrene

17.048min (-0.029) 15.57ng/ul mJU
08/16/19

response 199814

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.27
176.00	21.00	19.48
0.00	0.00	0.00

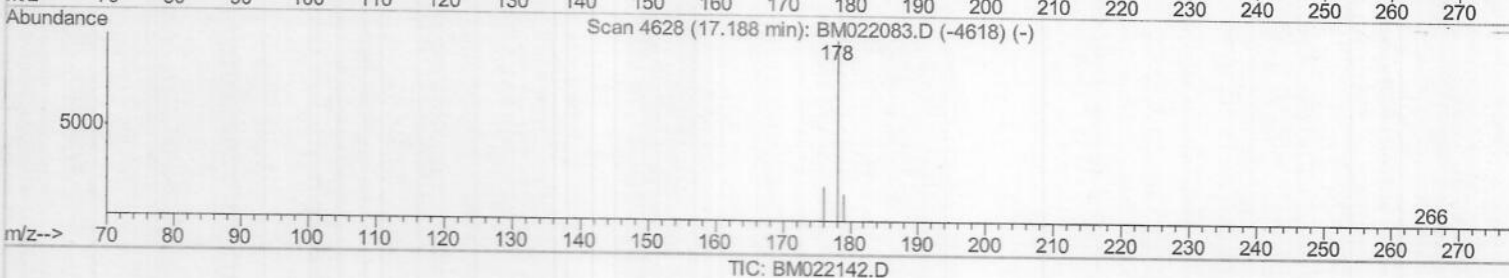
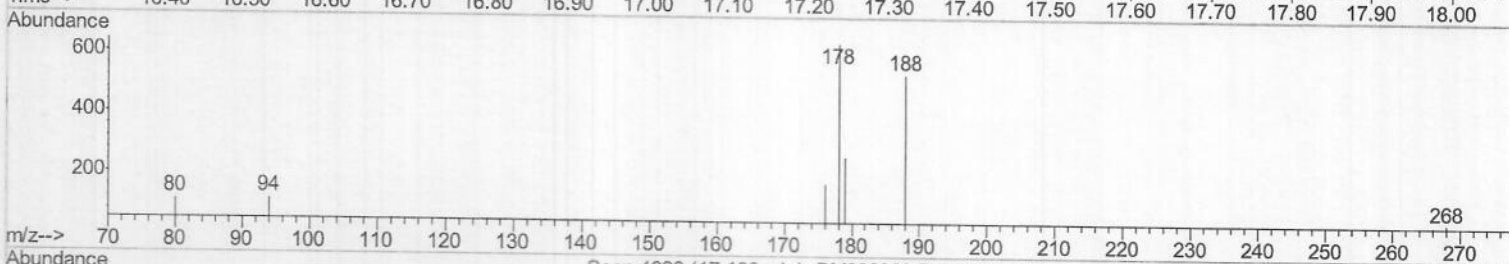
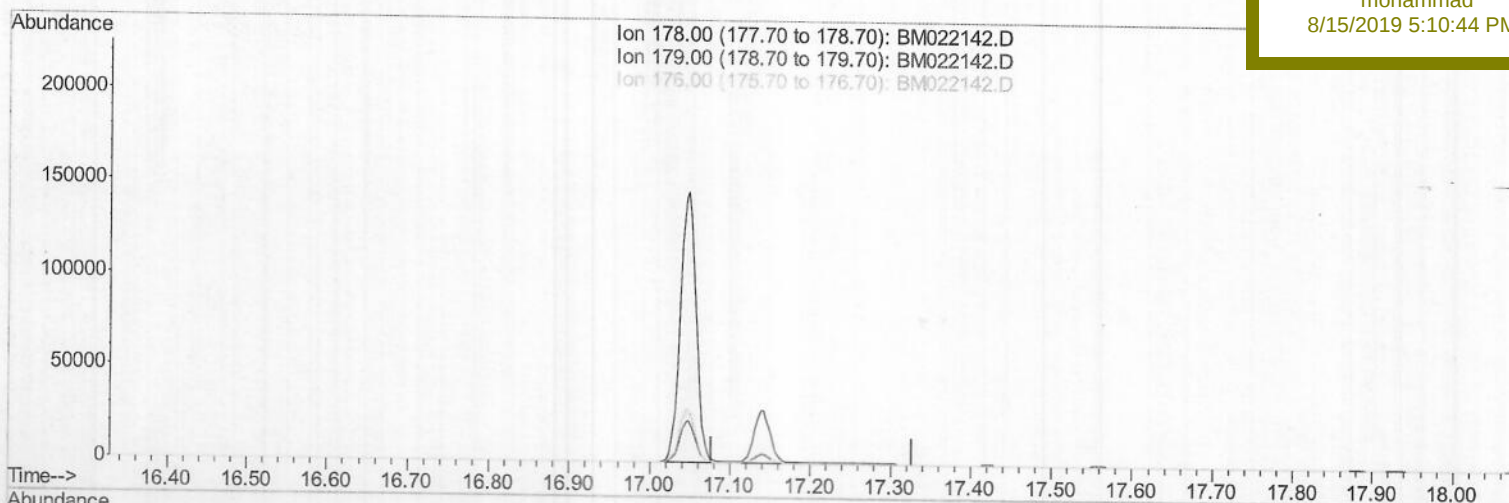
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(13) Anthracene

17.178min (-17.178) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	19.40	0.00#
176.00	20.80	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

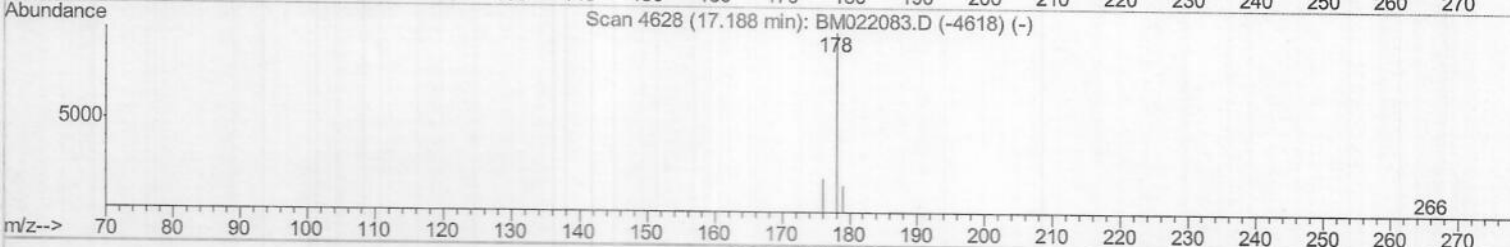
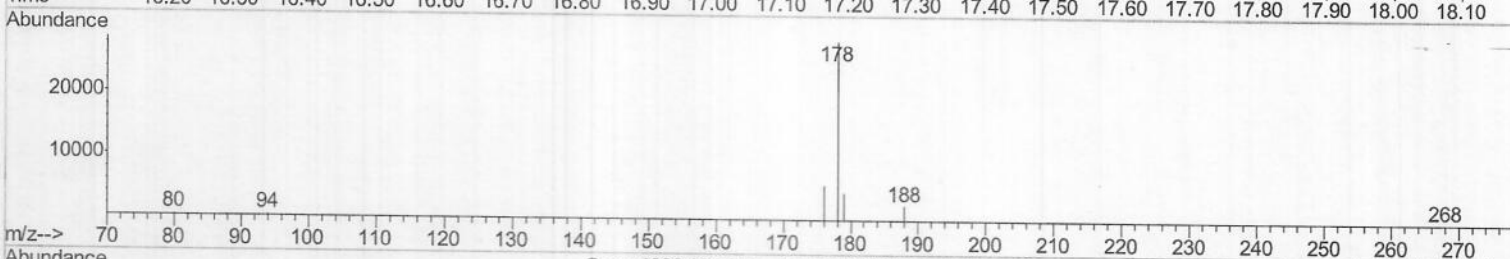
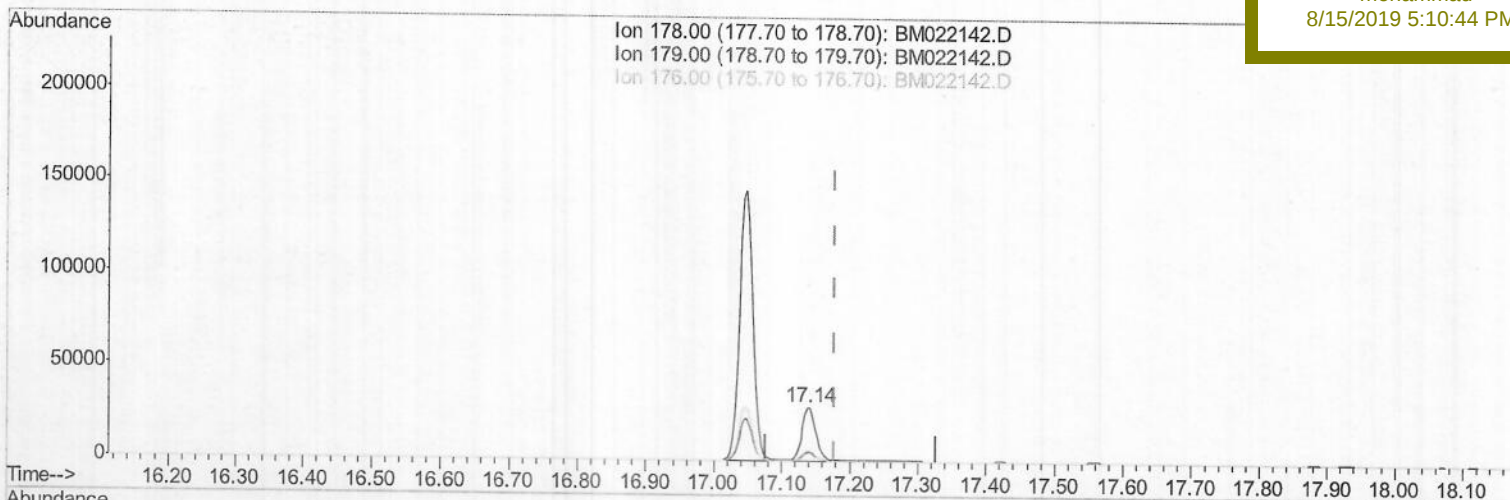
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



TIC: BM022142.D

(13) Anthracene

17.138min (-0.040) 3.74ng/ul m)

JU
08/16/19

response 40921

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.56
176.00	20.80	19.22
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

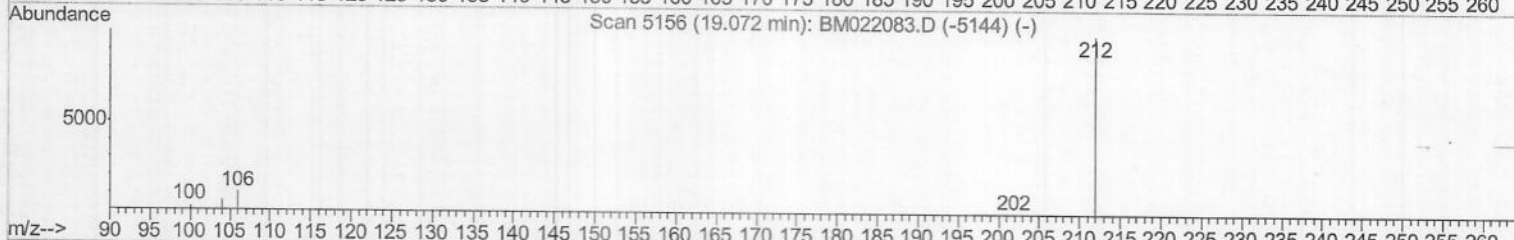
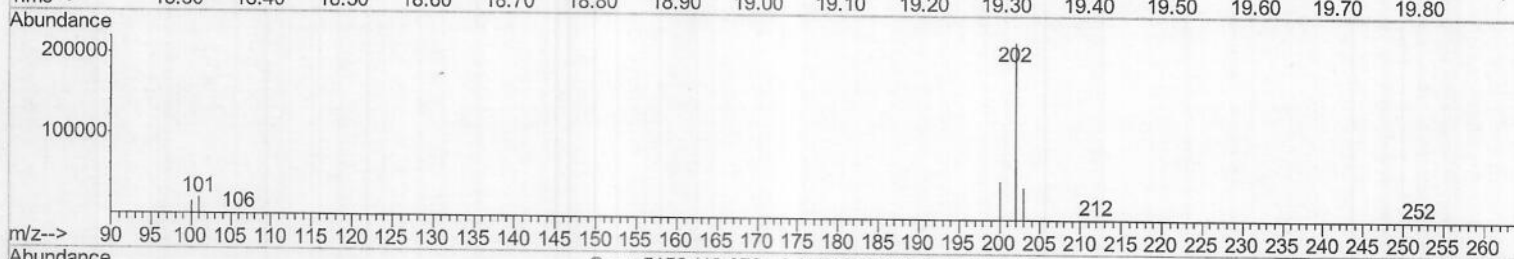
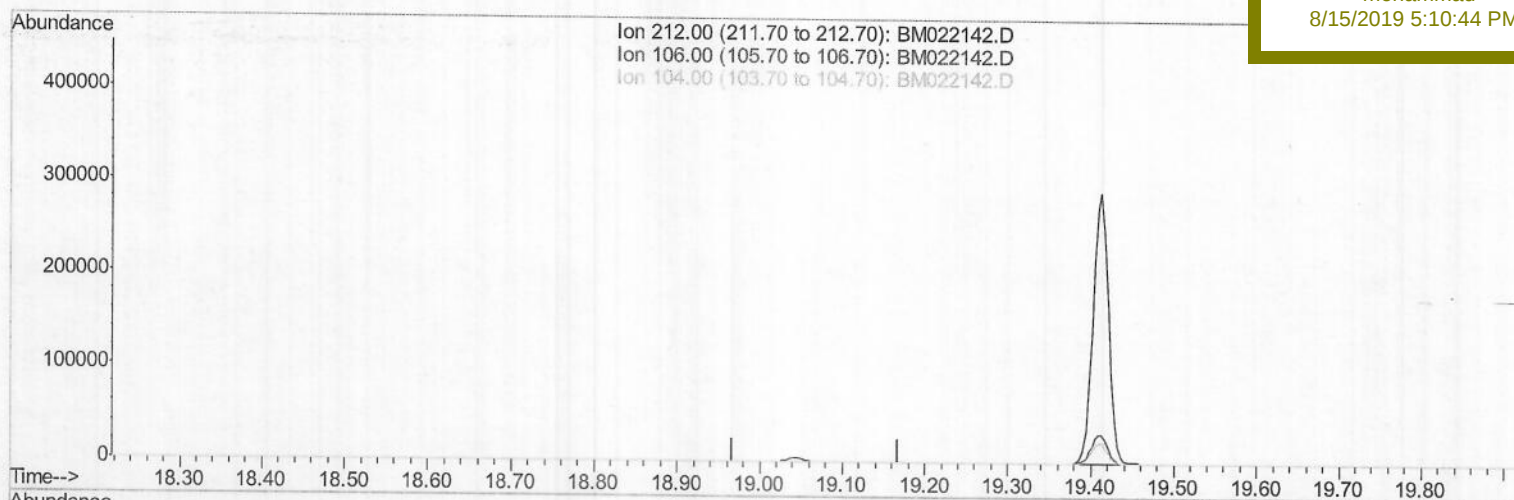
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5P7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:10:44 PM

TIC: BM022142.D

(14) Fluoranthene-d10 (SURR)

19.068min (-19.068) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

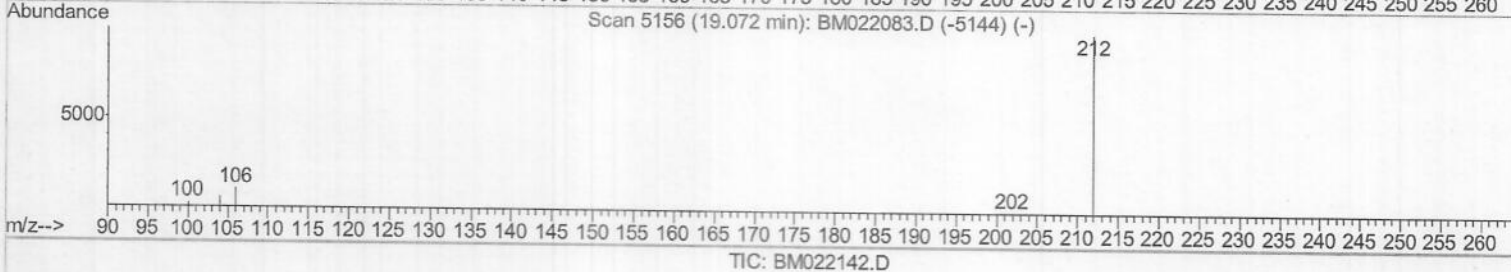
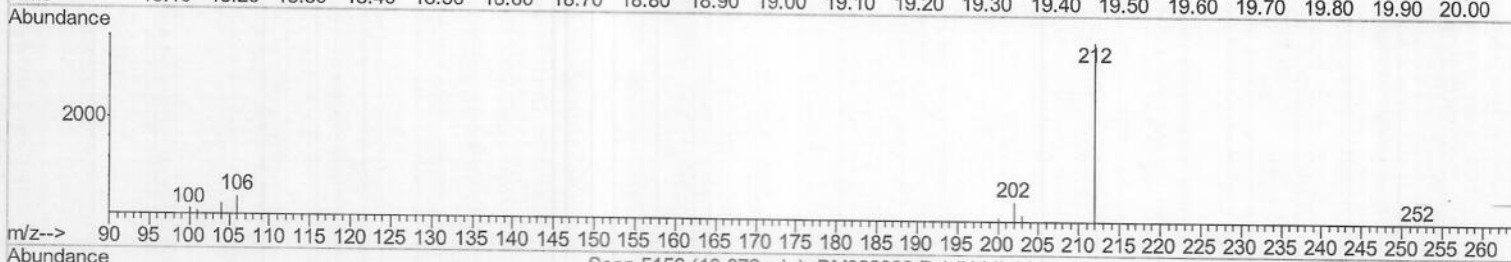
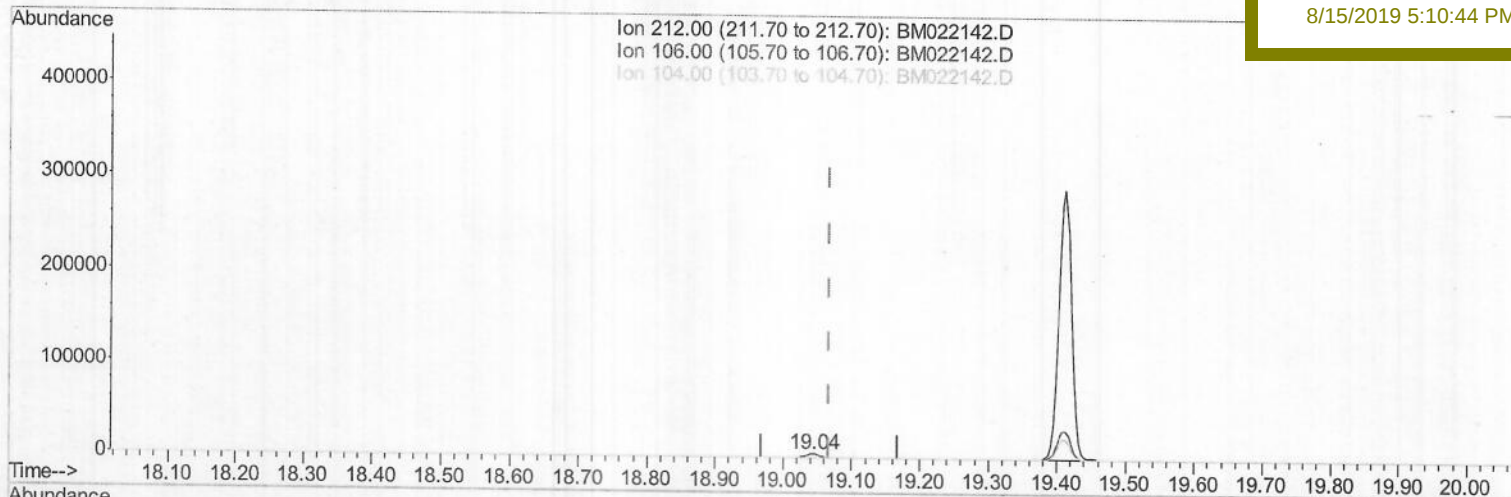
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



(14) Fluoranthene-d10 (SURR)

19.043min (-0.025) 0.34ng/ul m) JU
08/16/19

response 5042

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

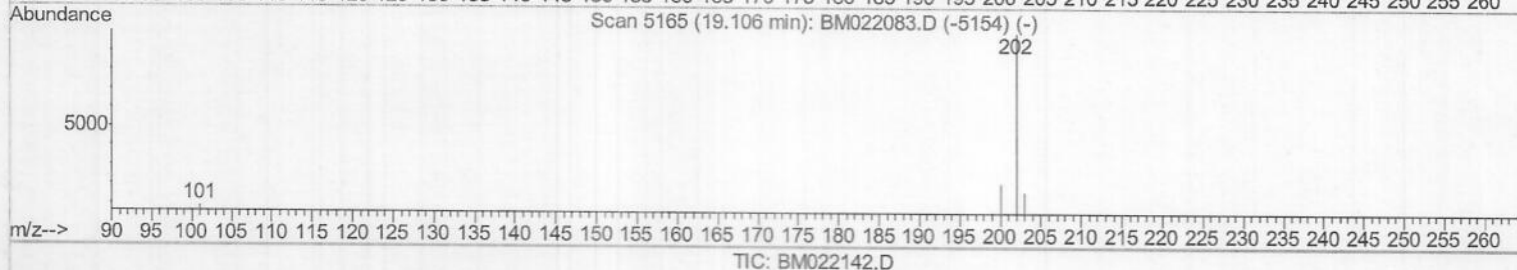
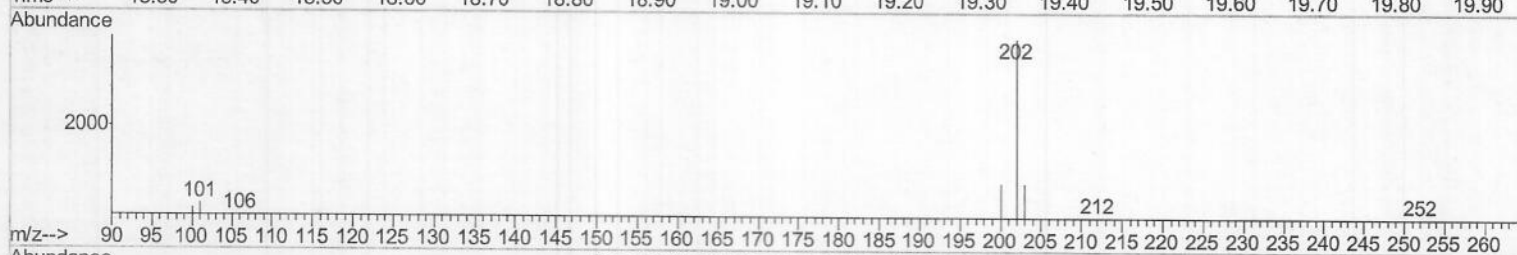
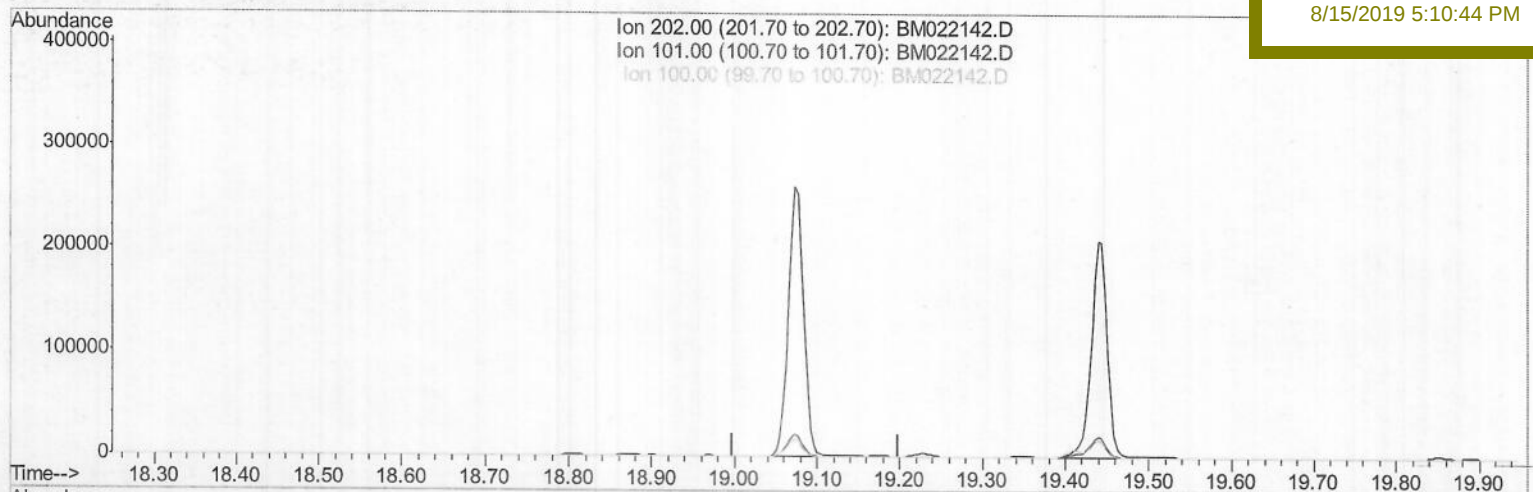
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5P7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:10:44 PM

(15) Fluoranthene (C)

19.098min (-19.098) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.20	0.00
100.00	8.10	0.00
0.00	0.00	0.00

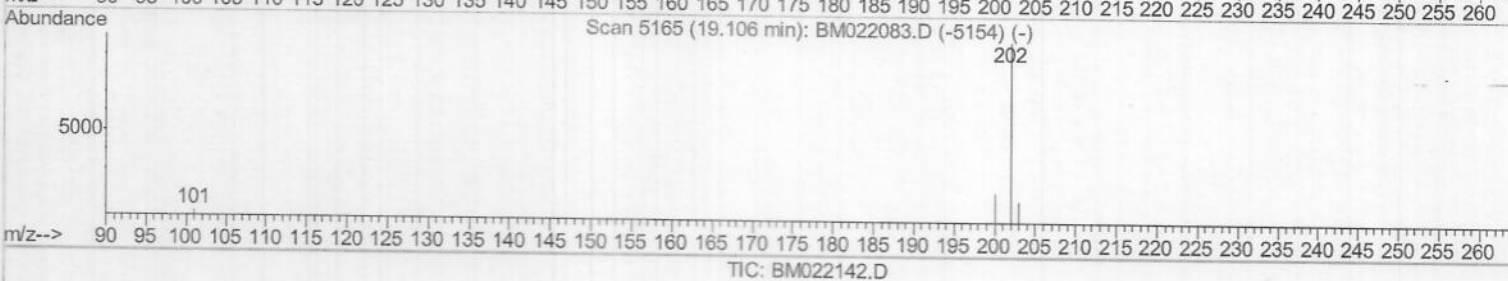
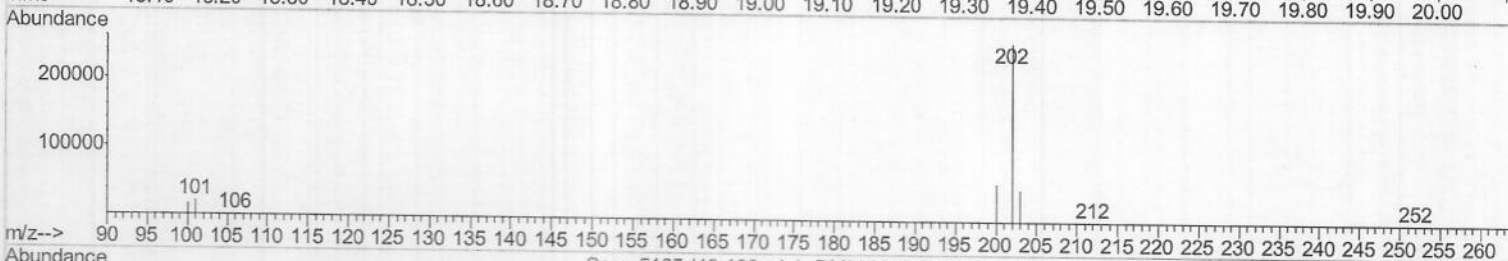
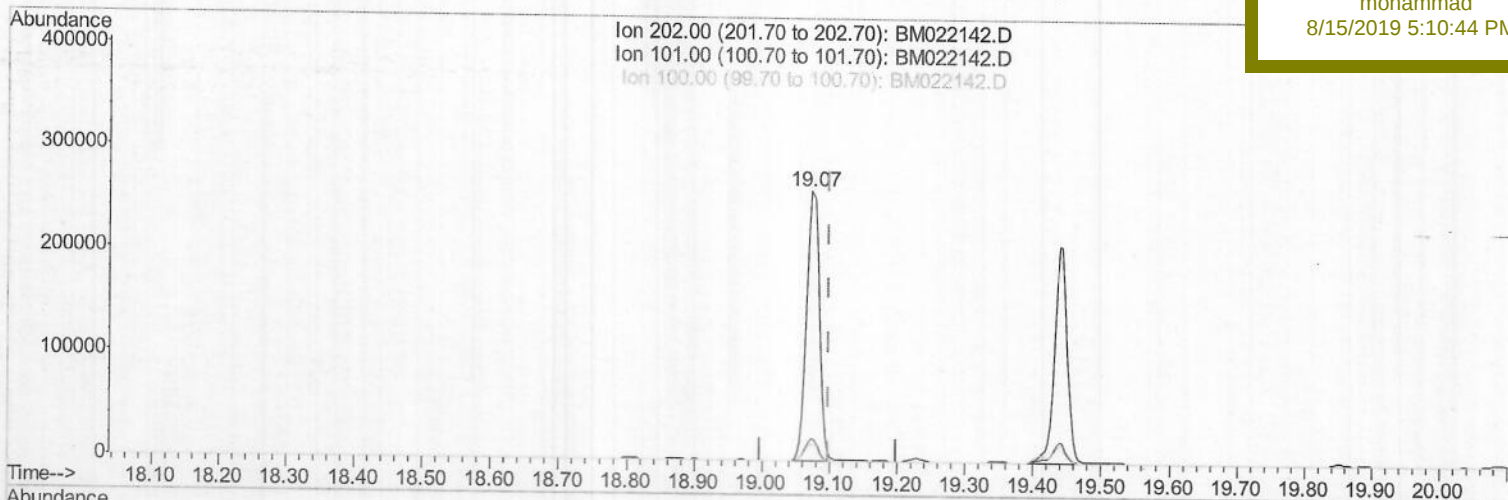
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(15) Fluoranthene (C)

19.074min (-0.025) 19.45ng/ul m) JU
08/16/19

response 334333

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.18
100.00	8.10	6.44
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

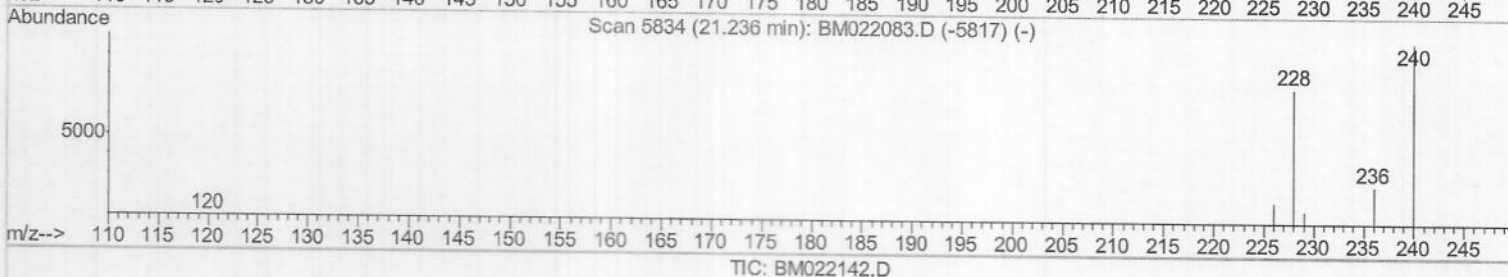
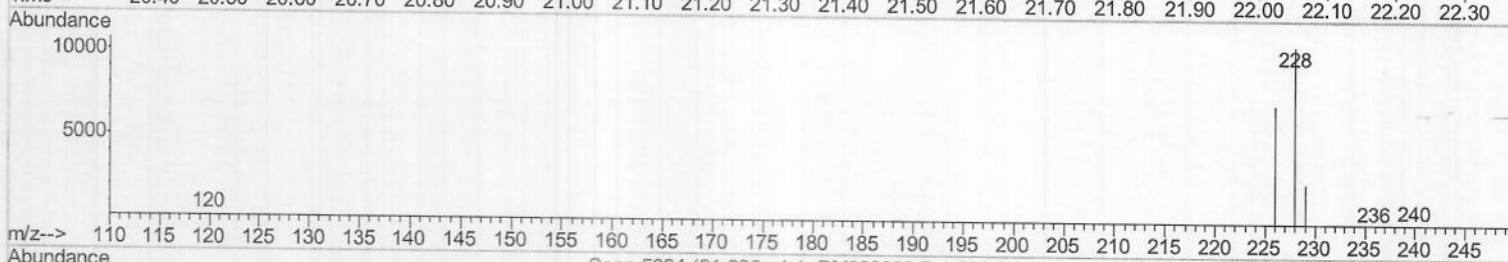
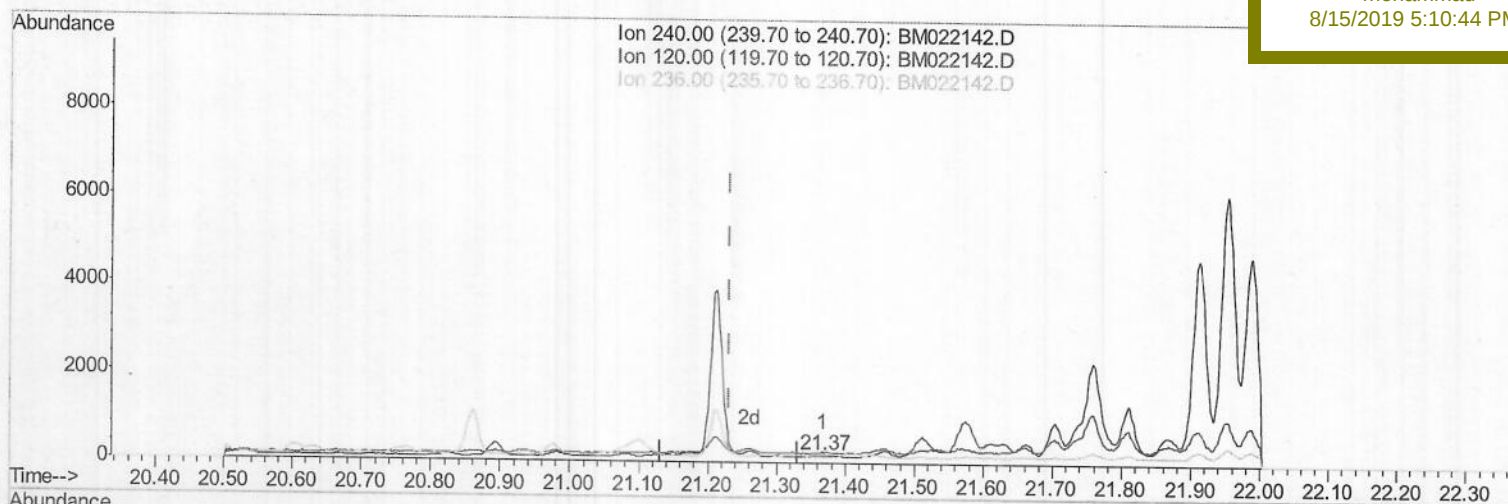
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



(16) Chrysene-d12 (I)

21.367min (+0.136) 0.40ng/ul

response 74

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	136.36#
236.00	32.30	83.52#
0.00	0.00	0.00

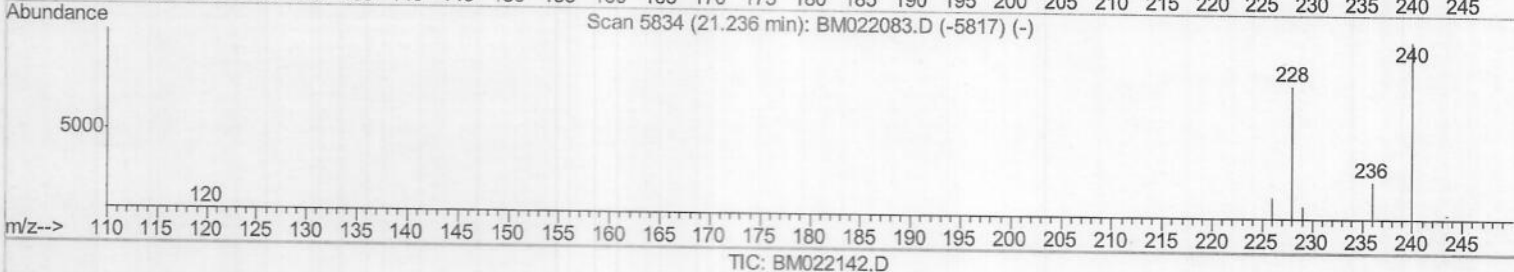
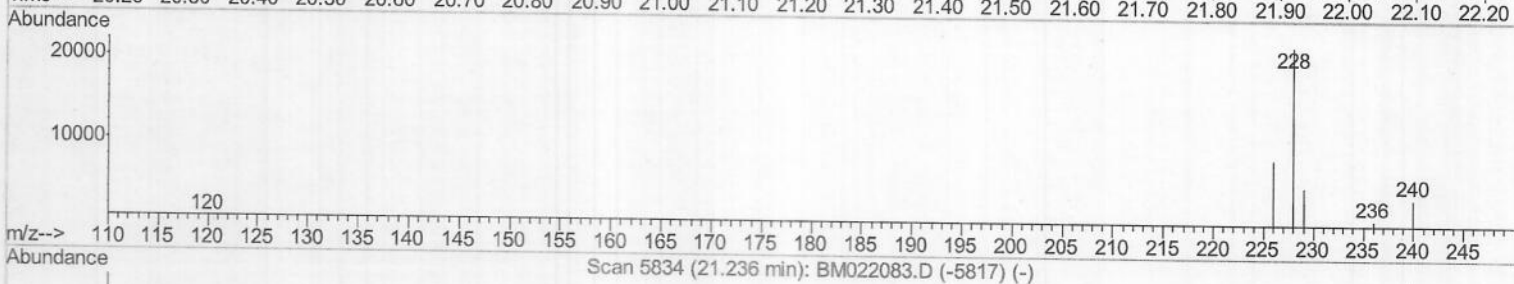
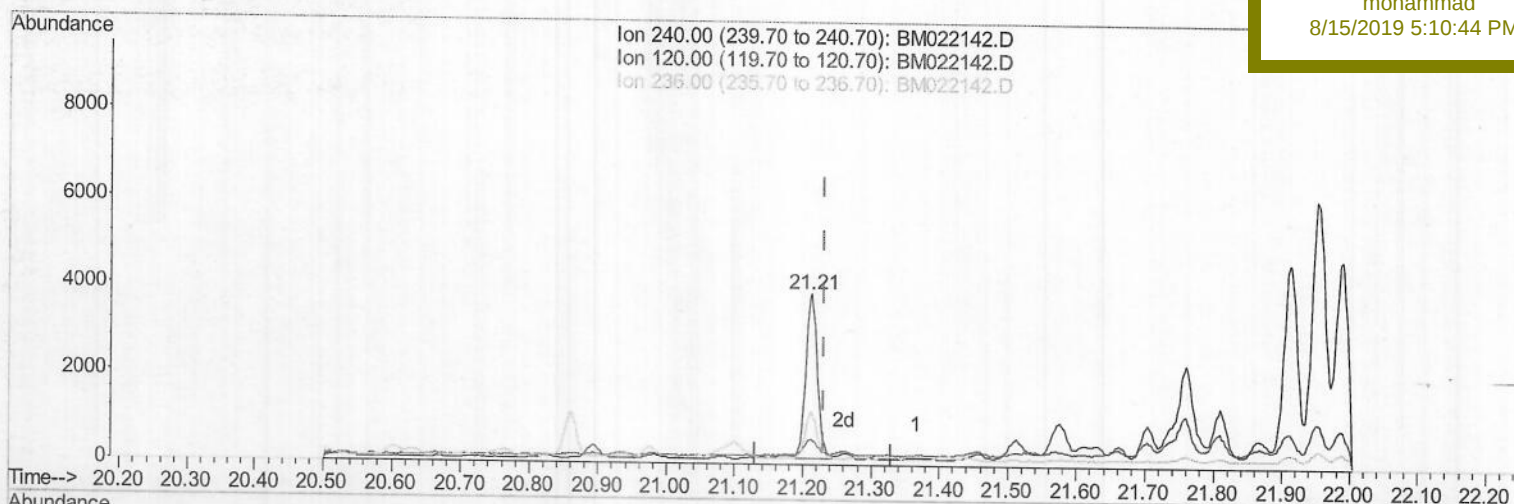
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample ID :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(16) Chrysene-d12 (I)

21.212min (-0.019) 0.40ng/ul m) JU
08/16/19

response 4412

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.48
236.00	32.30	30.56
0.00	0.00	0.00

Quantitation Report (Qedit)

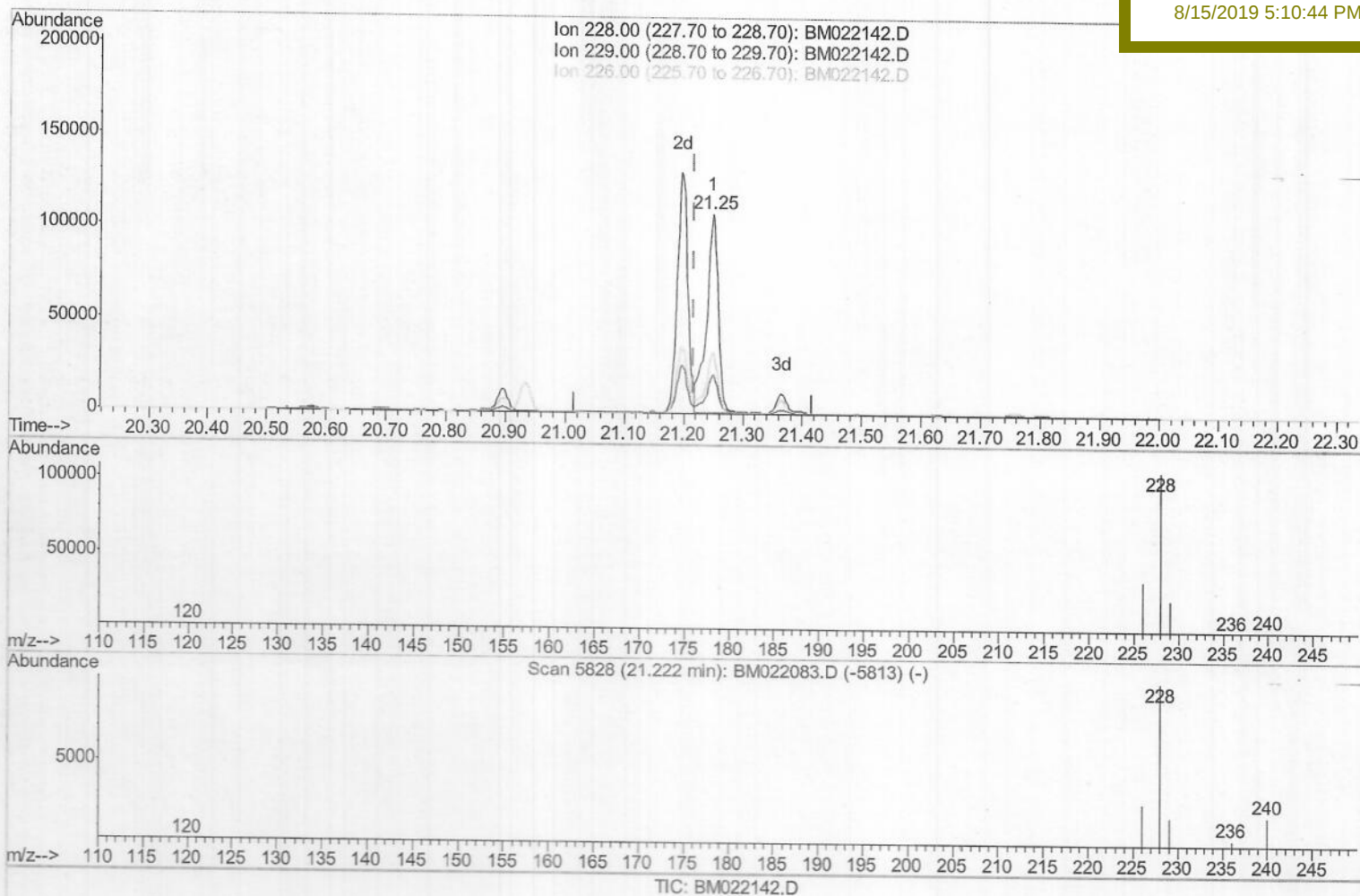
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:24:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(18) Benzo(a)anthracene

21.249min (+0.032) 9.71ng/ul

response 153189

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.84
226.00	28.30	31.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:24:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

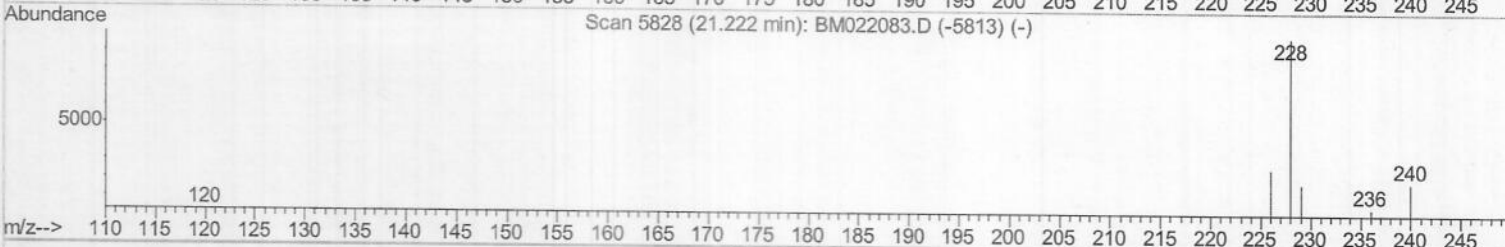
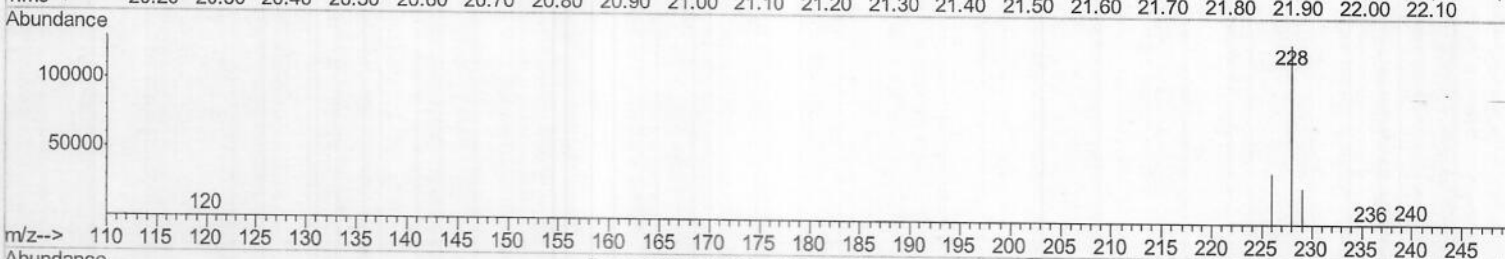
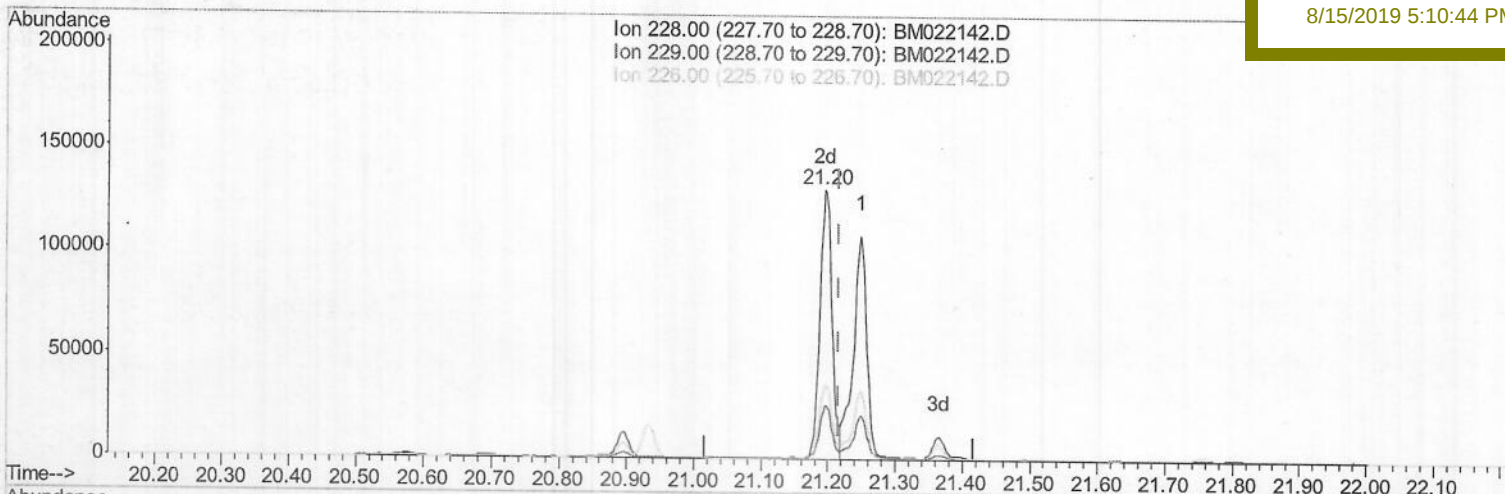
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



(18) Benzo(a)anthracene

21.195min (-0.021) 10.33ng/ul m) JU
08/16/19

response 163098

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.04
226.00	28.30	28.39
0.00	0.00	0.00

Quantitation Report (Qedit)

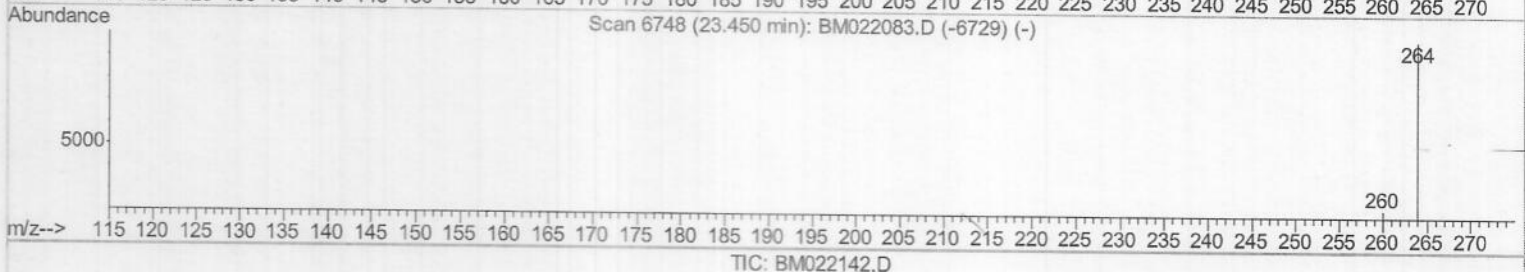
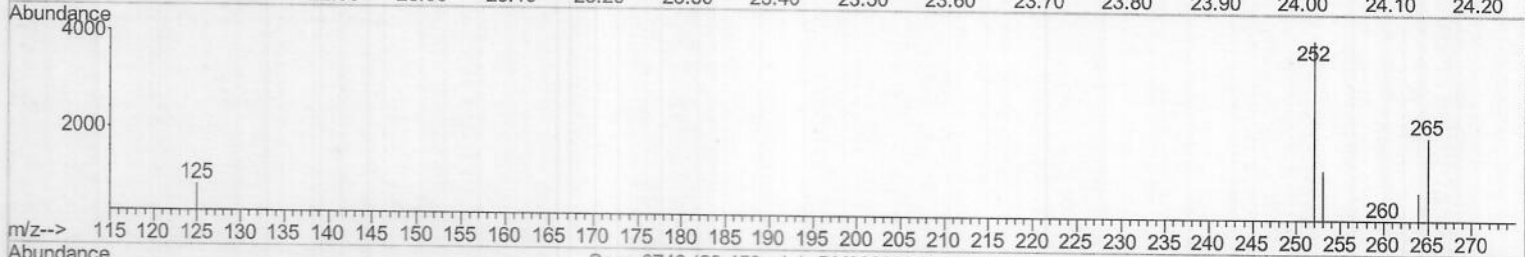
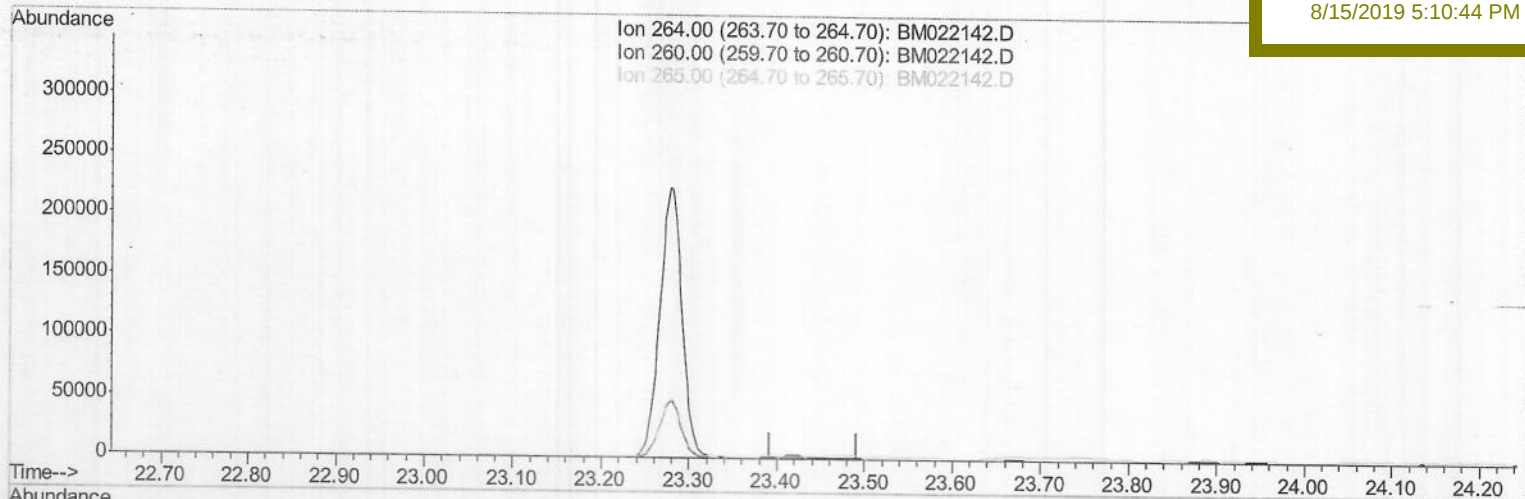
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022142.D
 Acq On : 15 Aug 2019 13:08
 Operator : HP/JU
 Sample : K4304-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:24:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:44 PM



(20) Perylene-d12 (I)
 23.442min (-23.442) 0.00ng/ui
 response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	27.50	0.00#
265.00	117.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:24:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

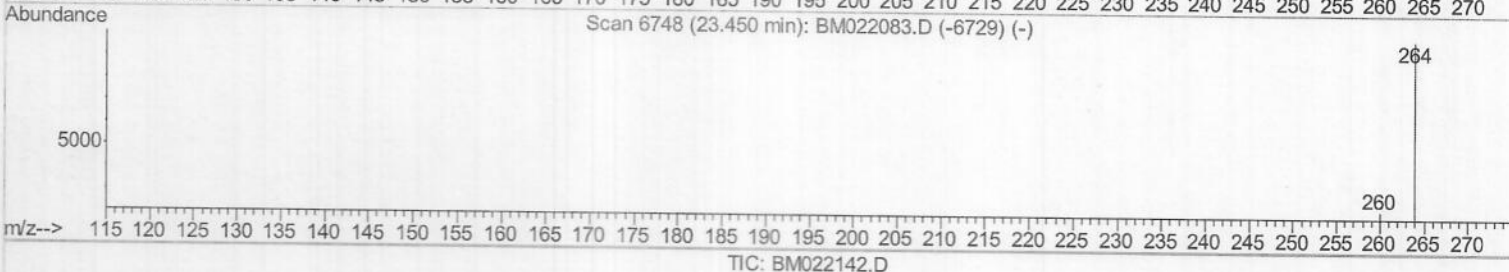
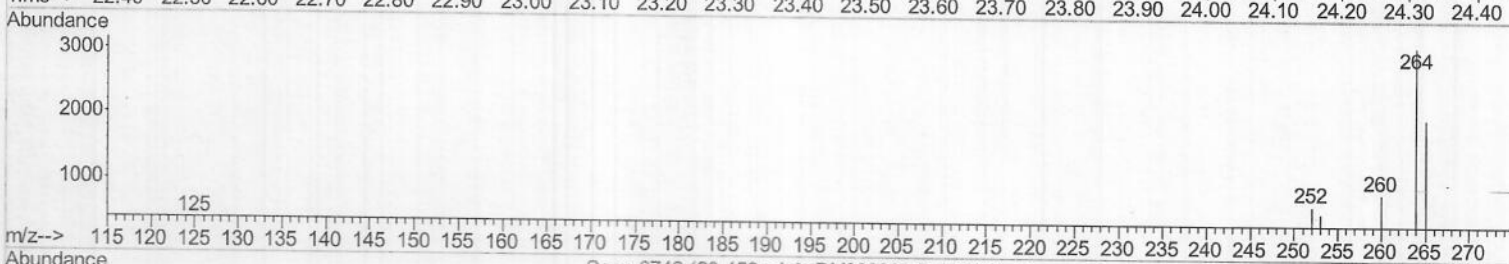
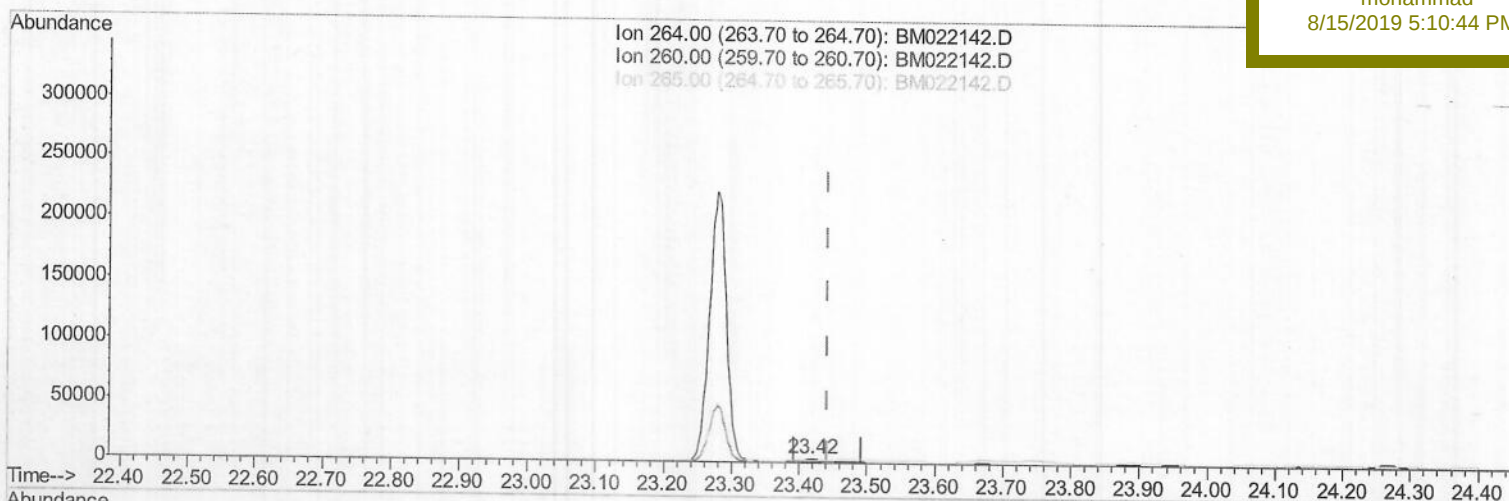
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5P7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:10:44 PM

(20) Perylene-d12 (I)

23.416min (-0.026) 0.40ng/ul m) JU
08/16/19

response 4305

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.43
265.00	117.00	64.56#
0.00	0.00	0.00

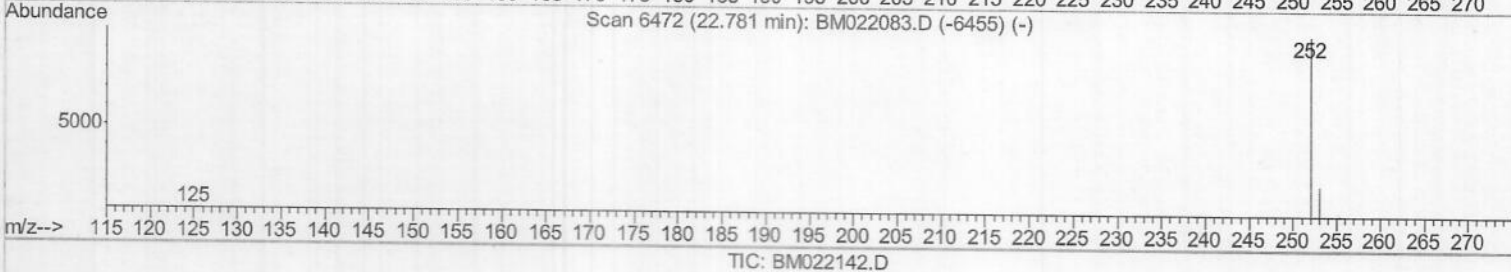
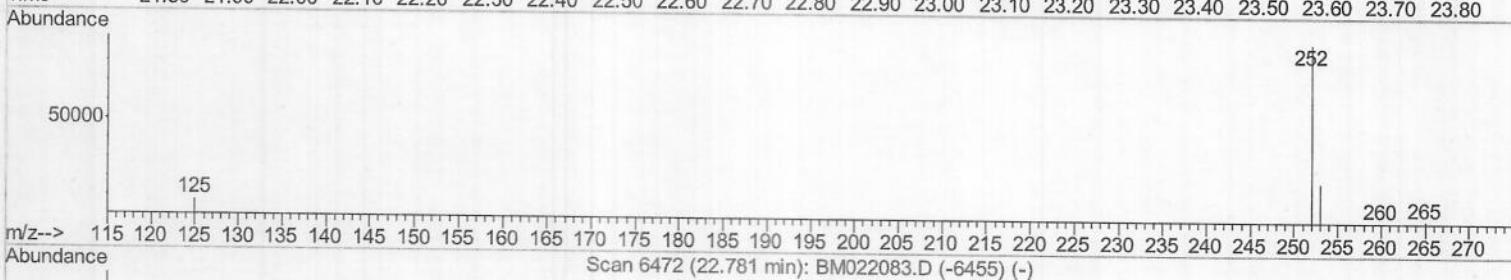
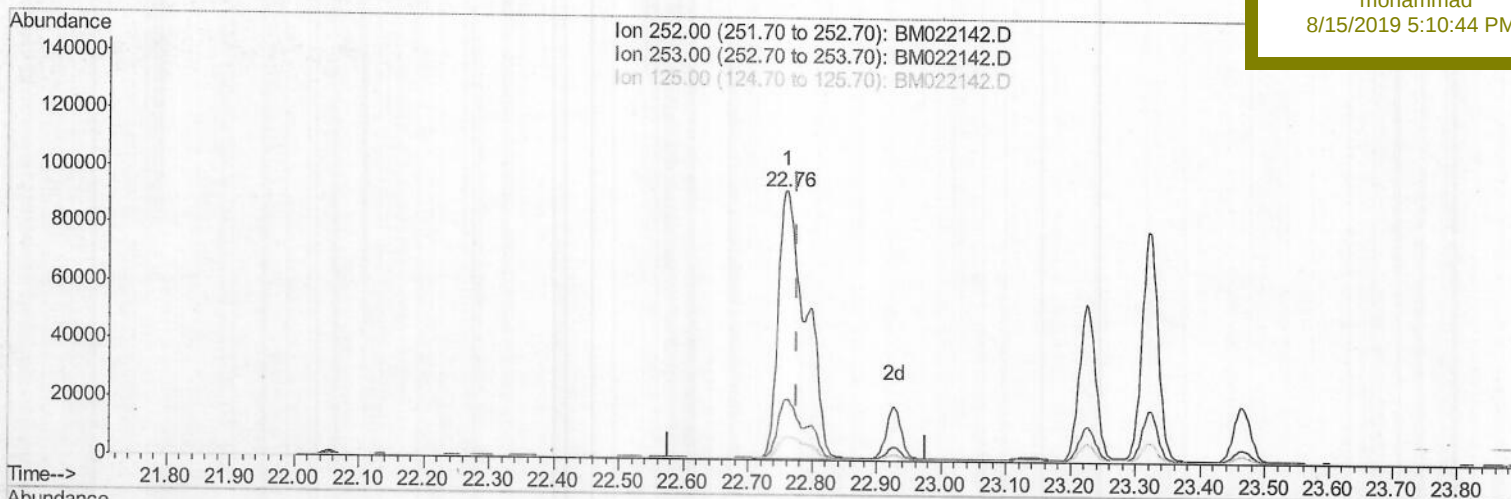
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampled :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(21) Benzo(b)fluoranthene

22.762min (-0.014) 18.99ng/ul

response 275653

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.37
125.00	15.50	8.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

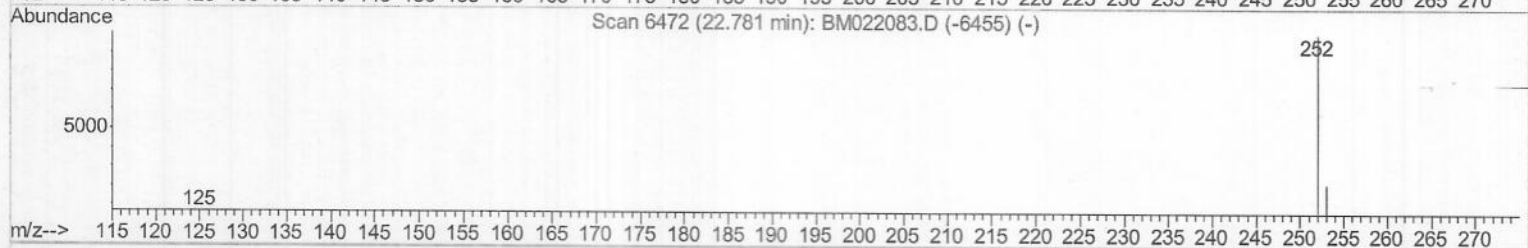
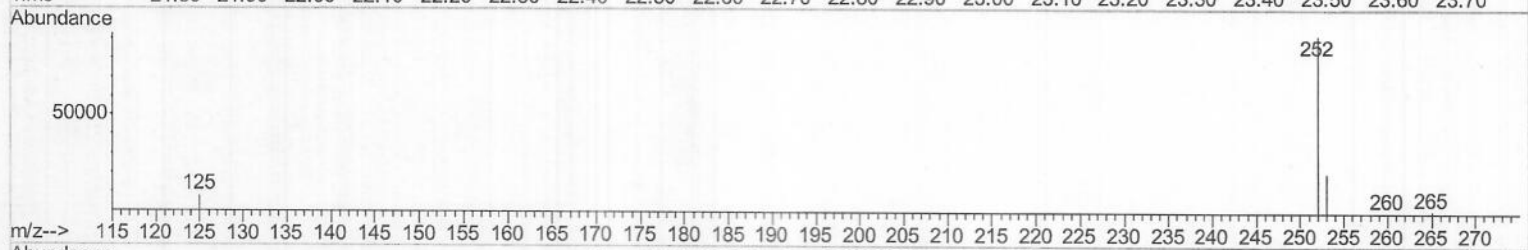
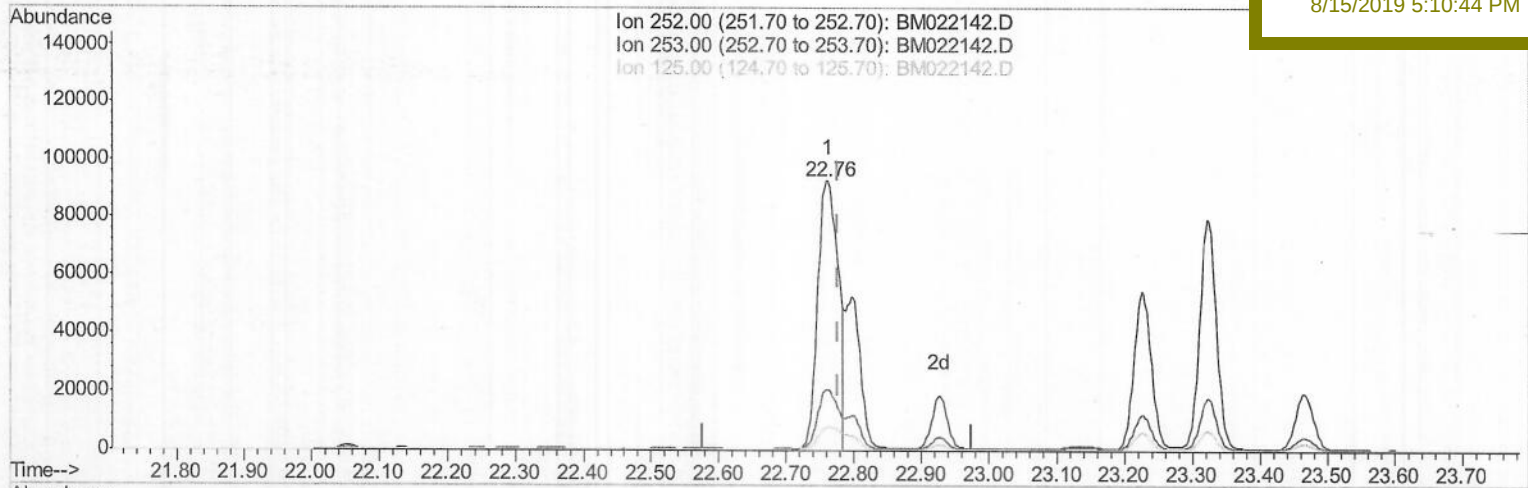
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



TIC: BM022142.D

(21) Benzo(b)fluoranthene

22.762min (-0.014) 13.43ng/ul m JU
08/16/19

response 195005

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.37
125.00	15.50	8.49
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

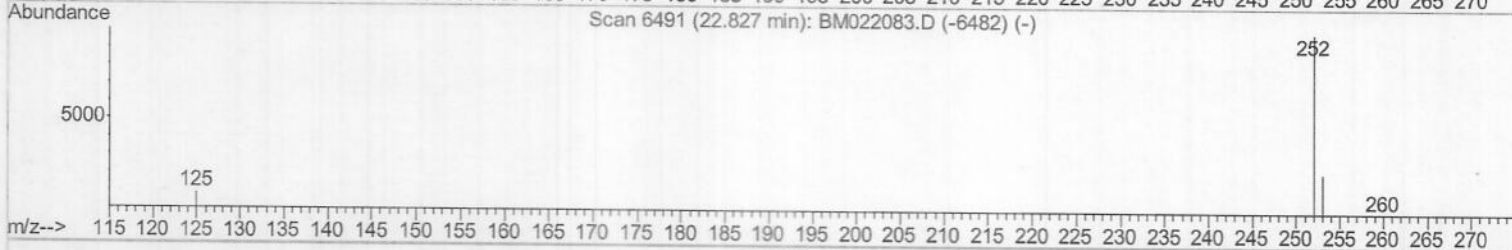
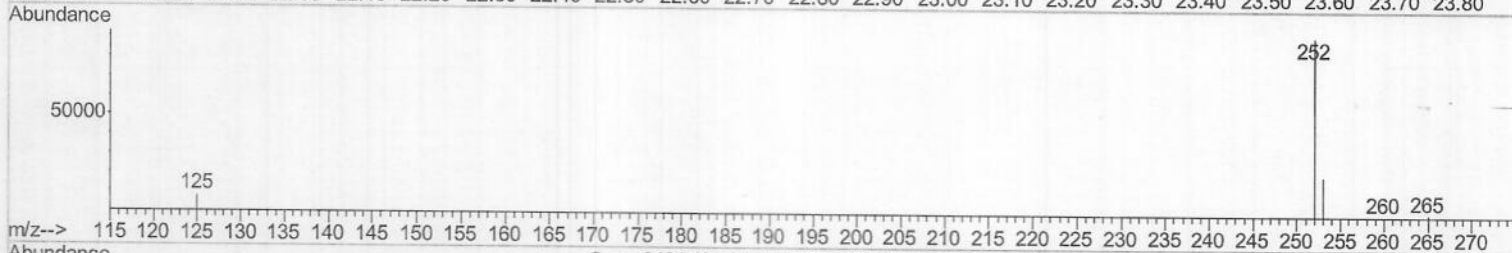
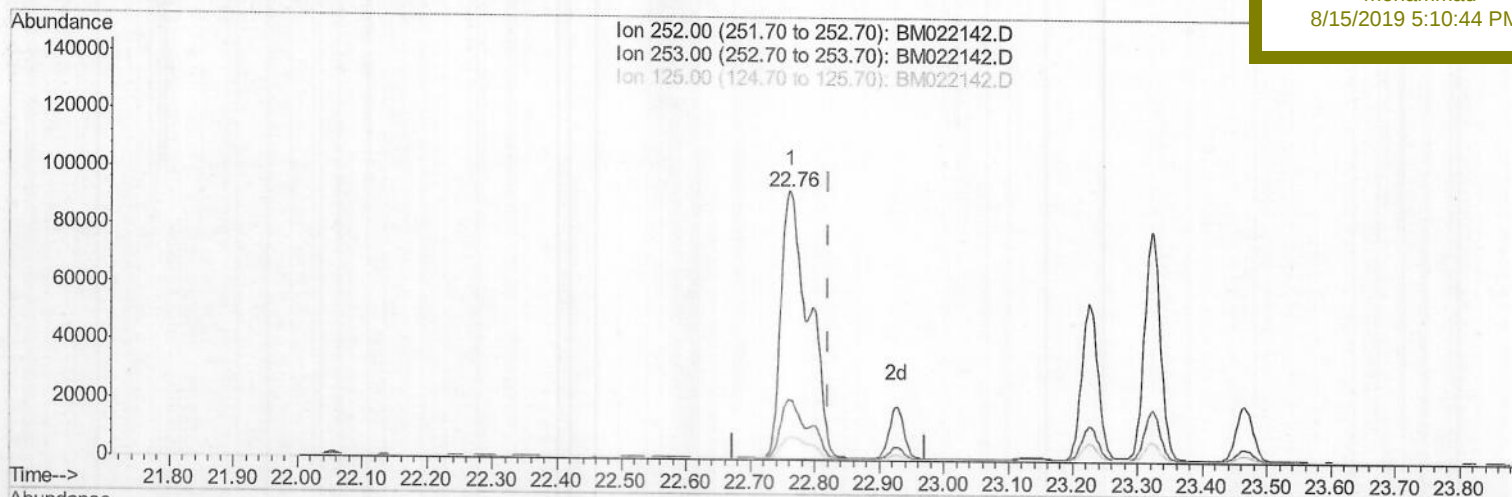
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



TIC: BM022142.D

(22) Benzo(k)fluoranthene

22.762min (-0.060) 16.78ng/ul

response 275687

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.37#
125.00	15.20	8.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

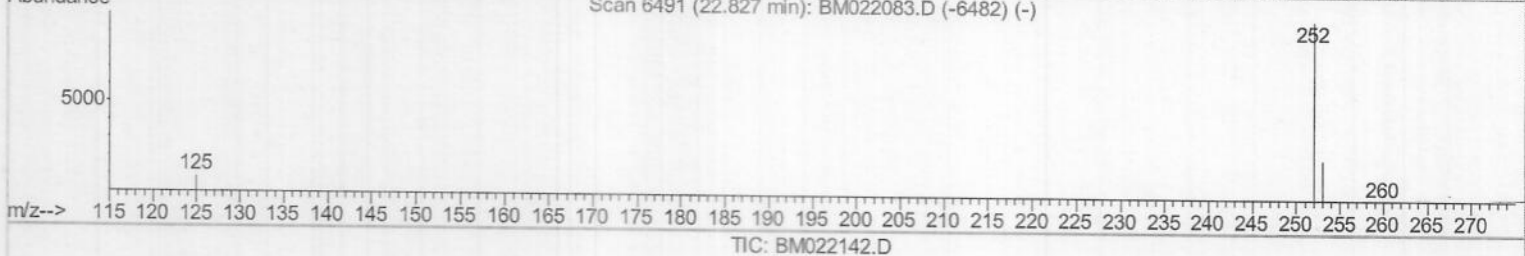
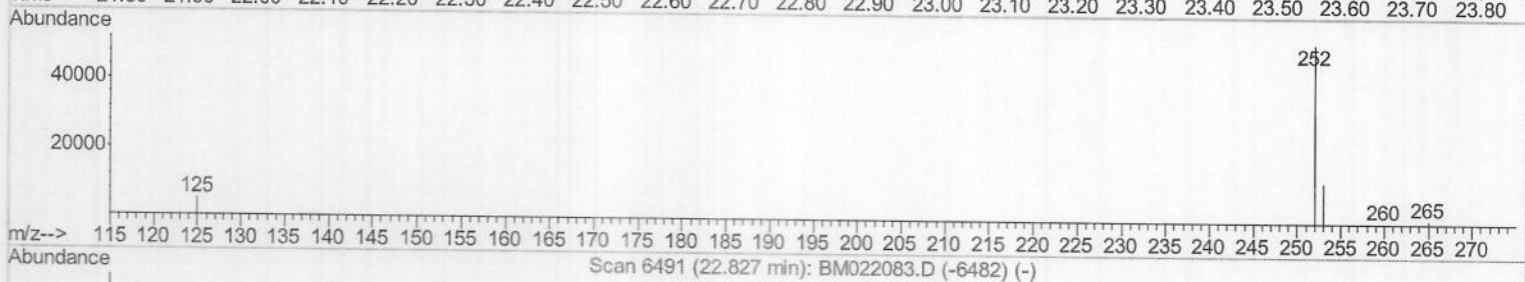
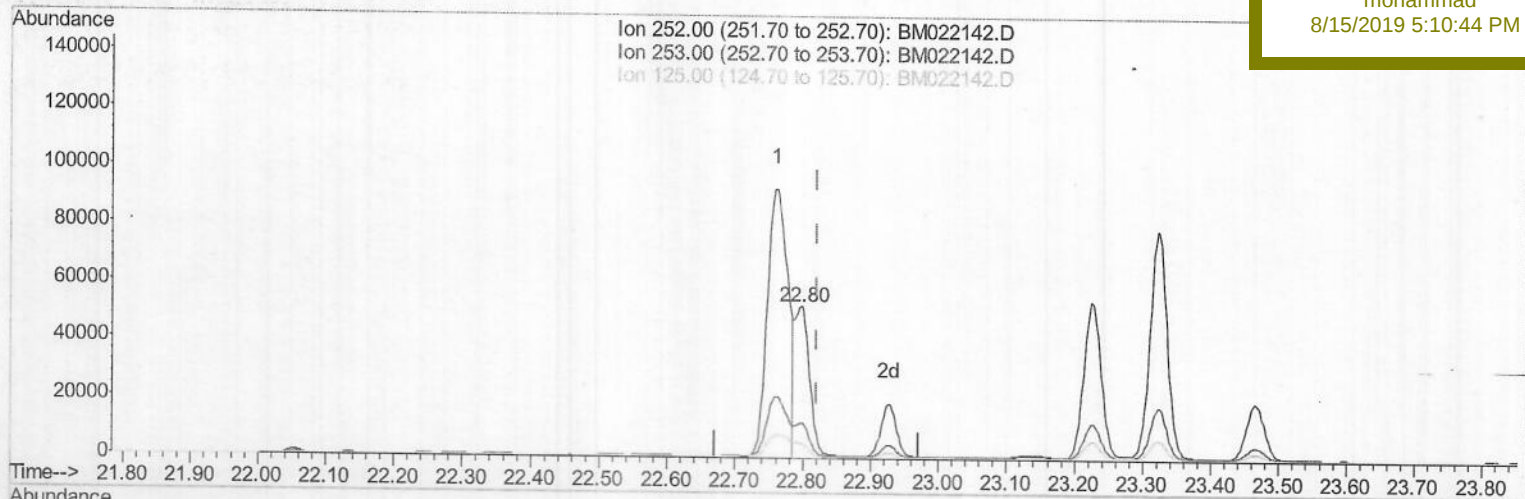
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022142.D
Acq On : 15 Aug 2019 13:08
Operator : HP/JU
Sample : K4304-16
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB5P7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:10:44 PM



(22) Benzo(k)fluoranthene

22.798min (-0.024) 5.15ng/ul m)

response 84564

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.85#
125.00	15.20	9.65#
0.00	0.00	0.00

JU
08/16/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022142.D

Acq On : 15 Aug 2019 13:08

Operator : HP/JU

Sample : K4304-16

Misc :

ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

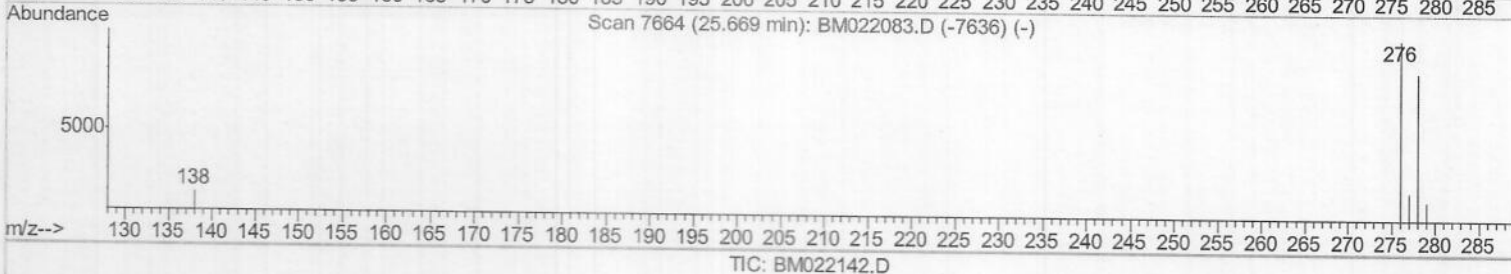
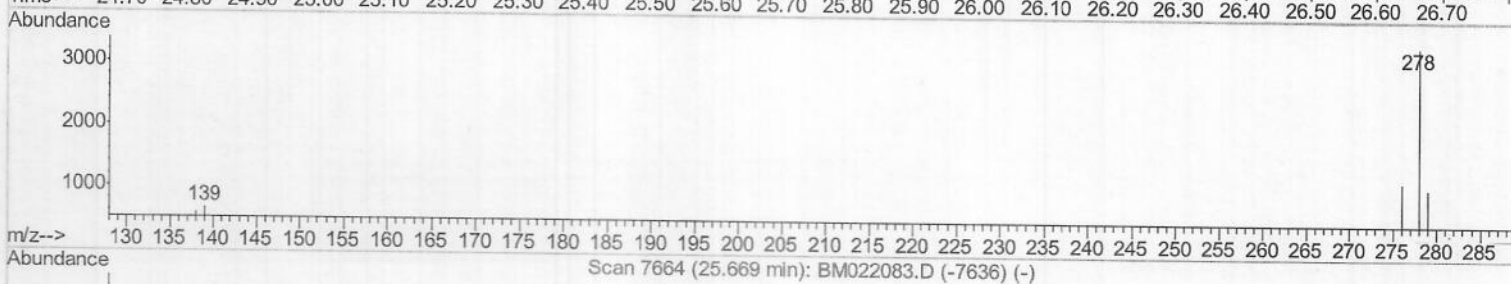
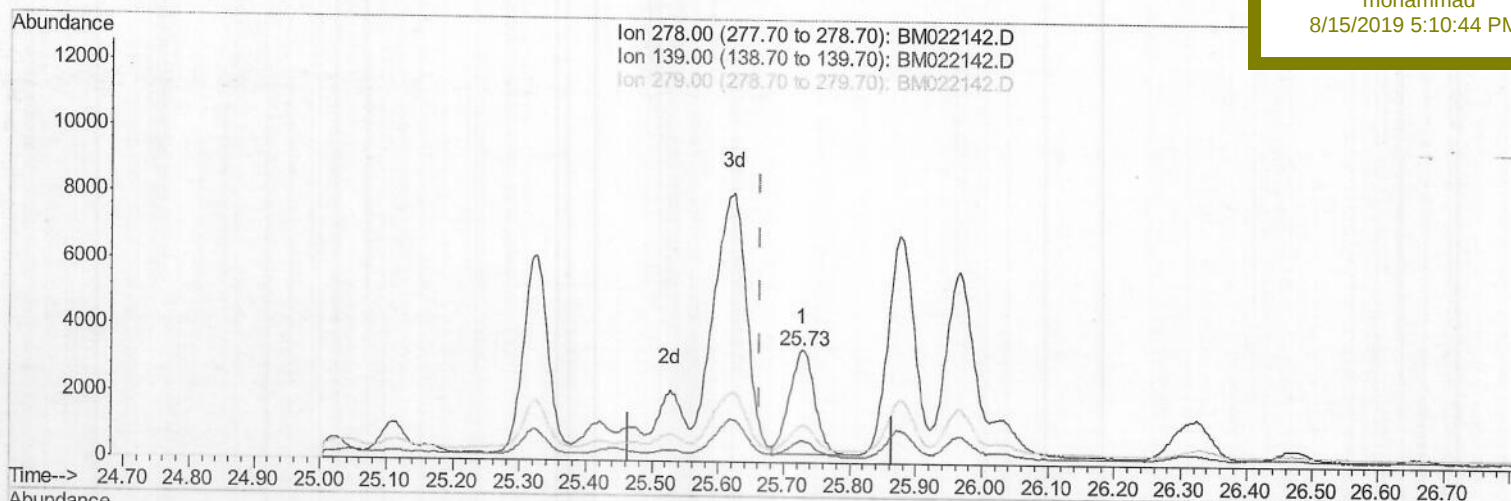
CB5P7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:10:44 PM



(25) Dibenzo(a,h)anthracene

25.728min (+0.063) 0.59ng/ul

response 8373

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	19.20
279.00	35.40	32.62
0.00	0.00	0.00

Quantitation Report (Qedit)

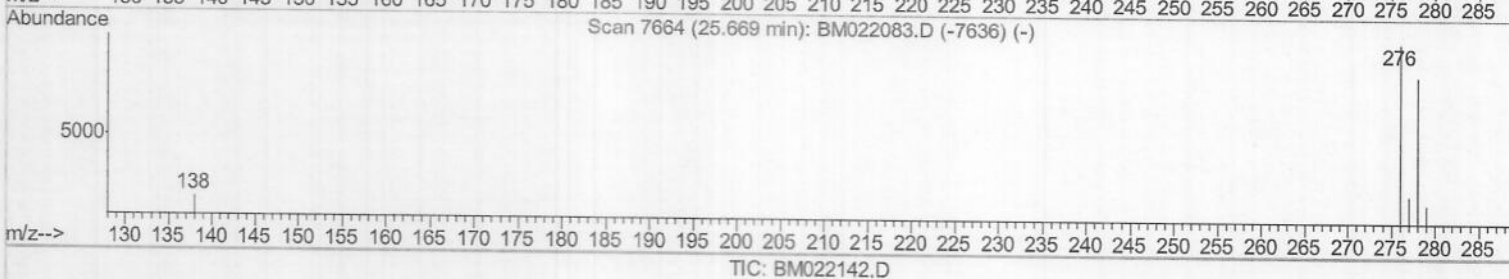
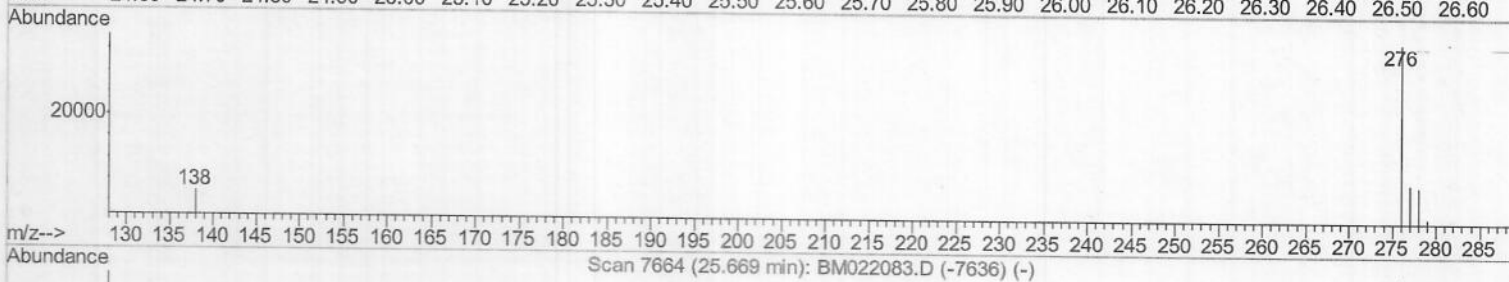
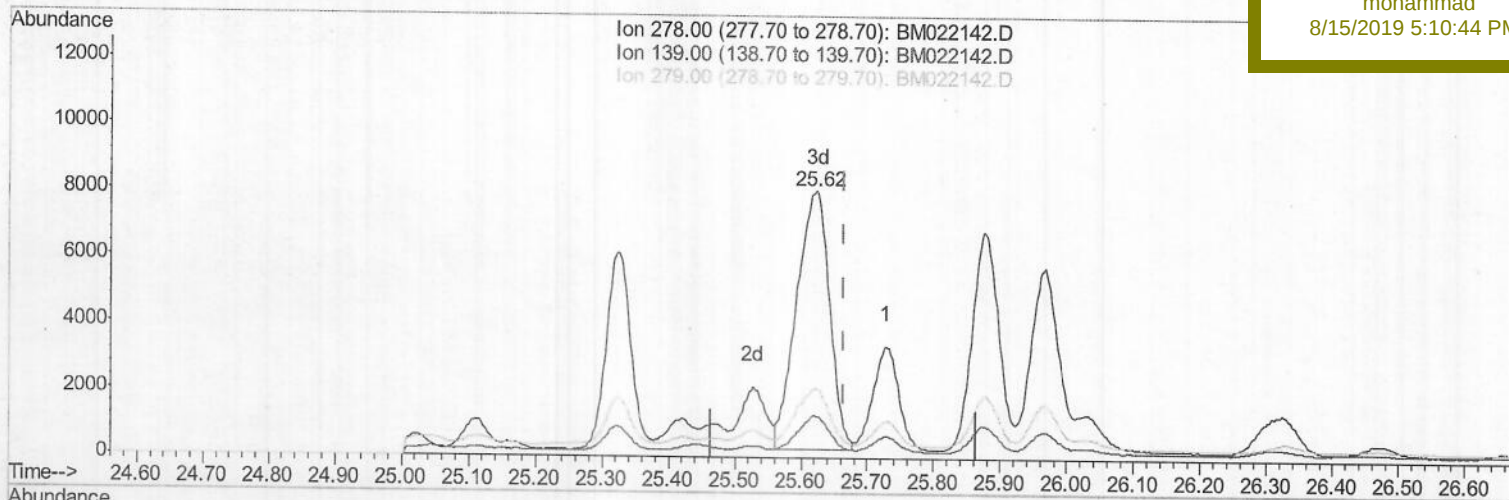
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022142.D
 Acq On : 15 Aug 2019 13:08
 Operator : HP/JU
 Sample : K4304-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Quant Time: Aug 15 15:25:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB5P7

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:44 PM



(25) Dibenzo(a,h)anthracene

25.623min (-0.041) 1.89ng/ul m
 response 26983

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	15.40
279.00	35.40	26.11#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022142.D
 Acq On : 15 Aug 2019 13:08
 Operator : HP/JU
 Sample : K4304-16
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 CB5P7

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:10:44 PM

Quant Time: Aug 15 15:26:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	850	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.37	136	3538	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1914	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4411m)	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4412m)	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	4305m)	0.40	ng/ul	-0.03

System Monitoring Compounds
 4) 2-Methylnaphthalene-d10
 14) Fluoranthene-d10

4) 2-Methylnaphthalene-d10	11.98	152	1864	0.32	ng/ul	-0.03
14) Fluoranthene-d10	19.04	212	5042m)	0.34	ng/ul	-0.02

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	9798	0.980	ng/ul#	93
5) 2-Methylnaphthalene	12.05	142	3945	0.592	ng/ul	96
7) Acenaphthylene	13.97	152	6001	0.672	ng/ul#	83
8) Acenaphthene	14.31	153	11384	1.559	ng/ul	96
9) Fluorene	15.31	166	11800	1.455	ng/ul	98
12) Phenanthrene	17.05	178	199814m)	15.568	ng/ul	
13) Anthracene	17.14	178	40921m)	3.738	ng/ul	
15) Fluoranthene	19.07	202	334333m)	19.446	ng/ul	
17) Pyrene	19.44	202	276087	15.228	ng/ul	98
18) Benzo(a)anthracene	21.20	228	163098m)	10.335	ng/ul	
19) Chrysene	21.25	228	151733	7.476	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	195005m)	13.433	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	84564m)	5.147	ng/ul	
23) Benzo(a)pyrene	23.32	252	136147	9.222	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.62	276	91849	5.211	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.62	278	26983m)	1.894	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	75940	4.785	ng/ul	95

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