

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:10:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

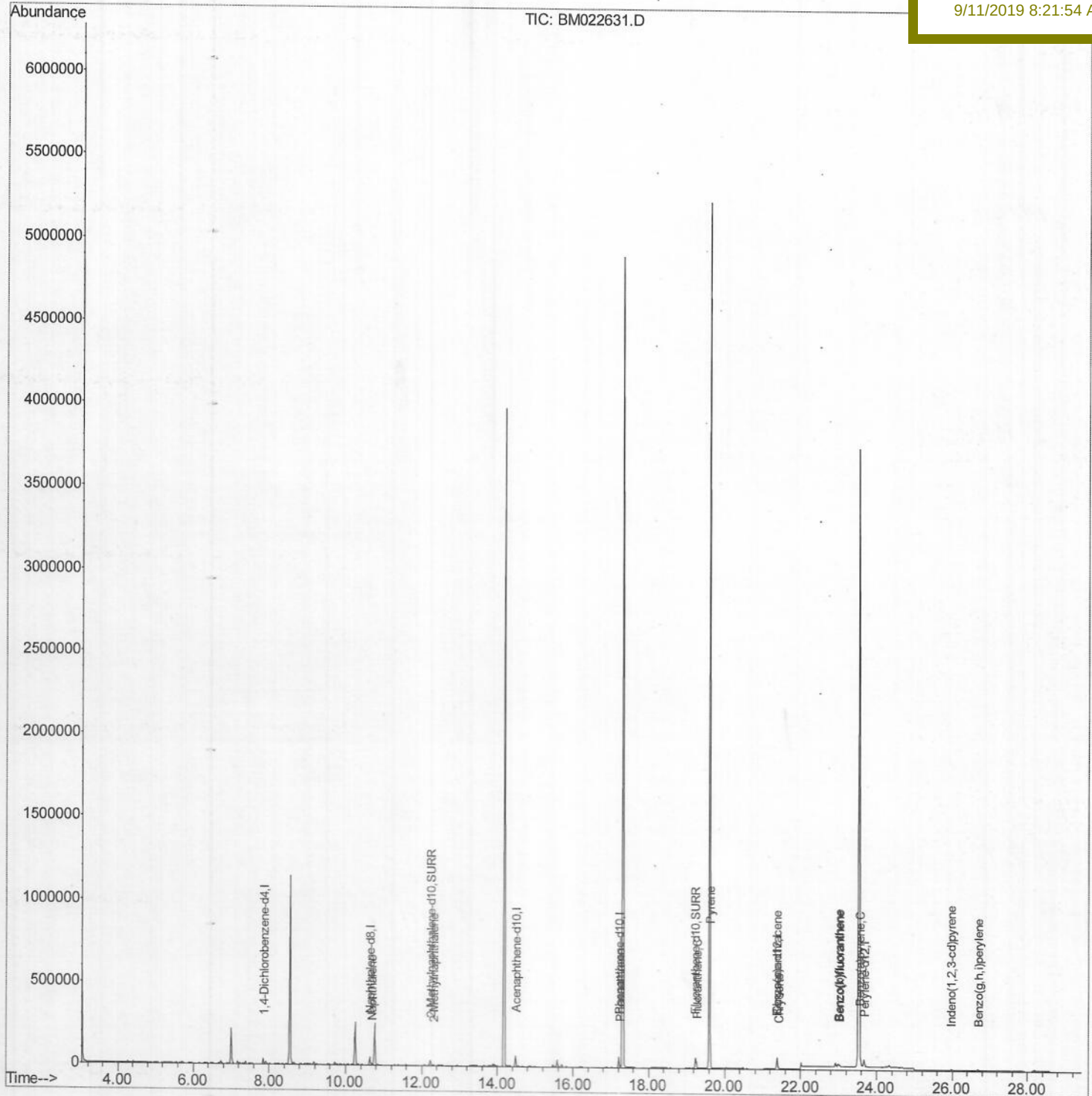
CB5Q6

Manual Integrations

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mohammad

9/11/2019 8:21:54 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:05:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

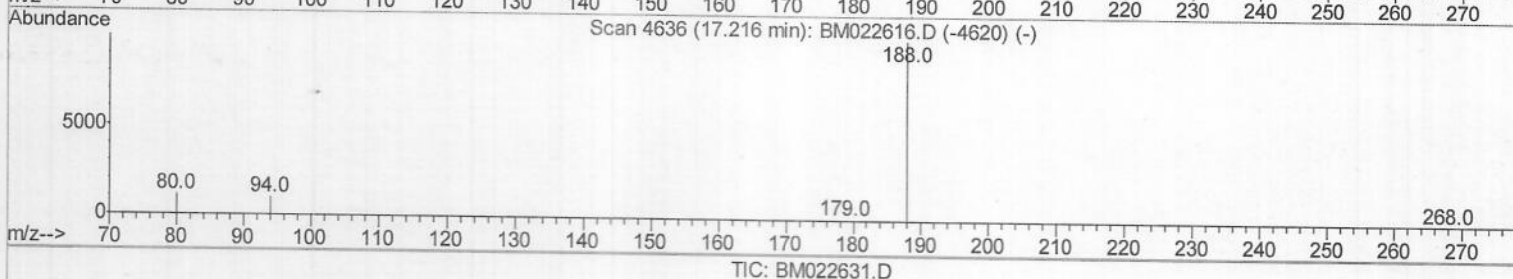
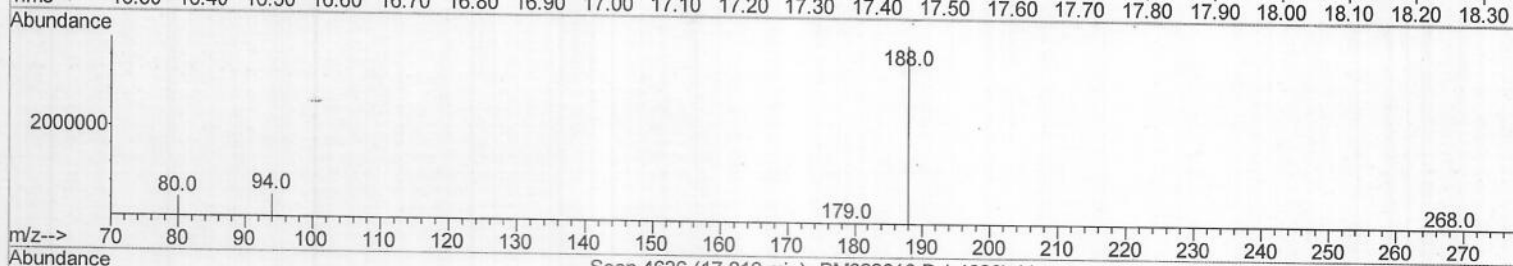
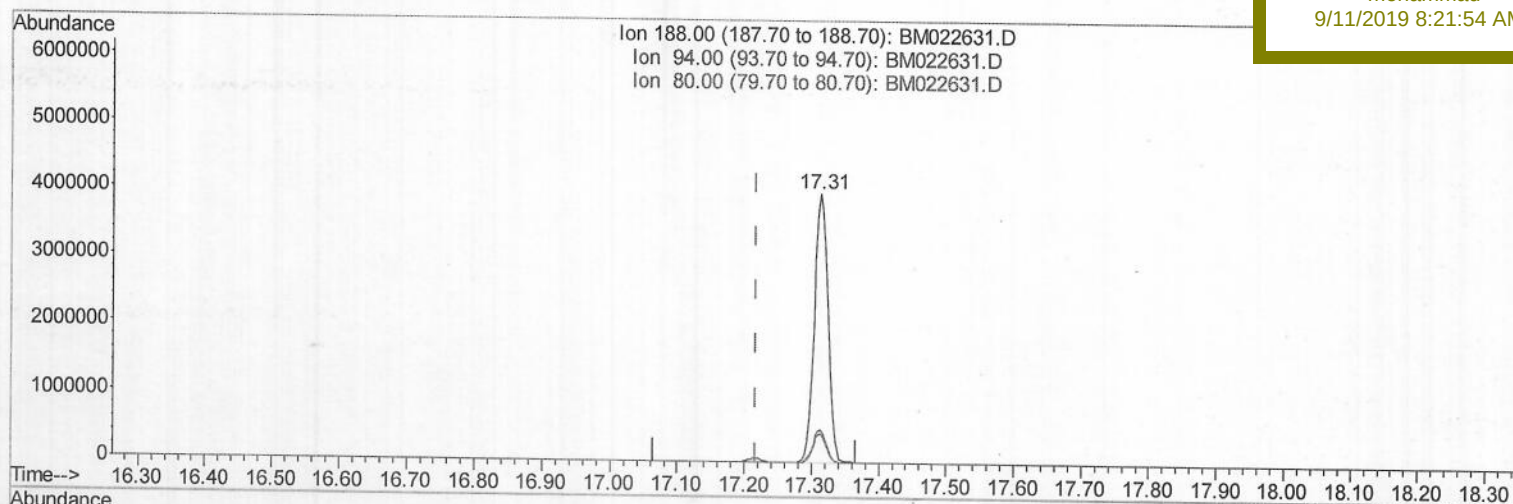
CB5Q6

Manual Integrations

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9/11/2019 8:21:54 AM



TIC: BM022631.D

(10) Phenanthrene-d10 (I)

17.313min (+0.097) 0.40ng/ul

response 5608273

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	12.39#
80.00	11.00	10.91
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:05:04 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

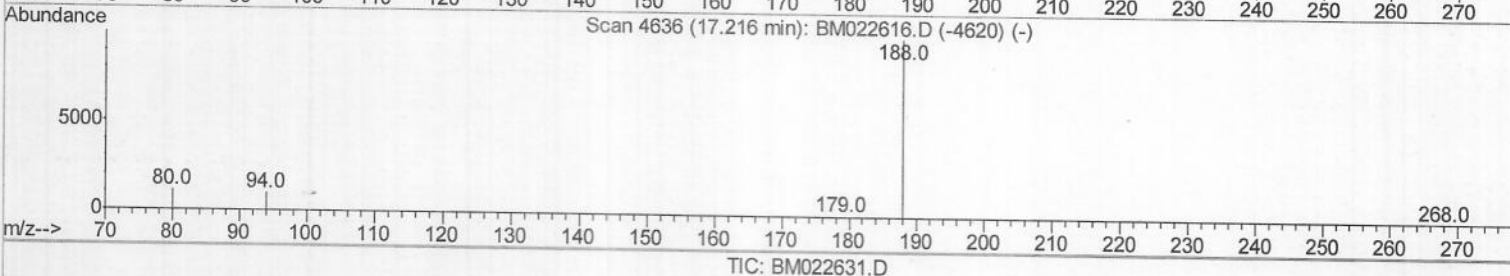
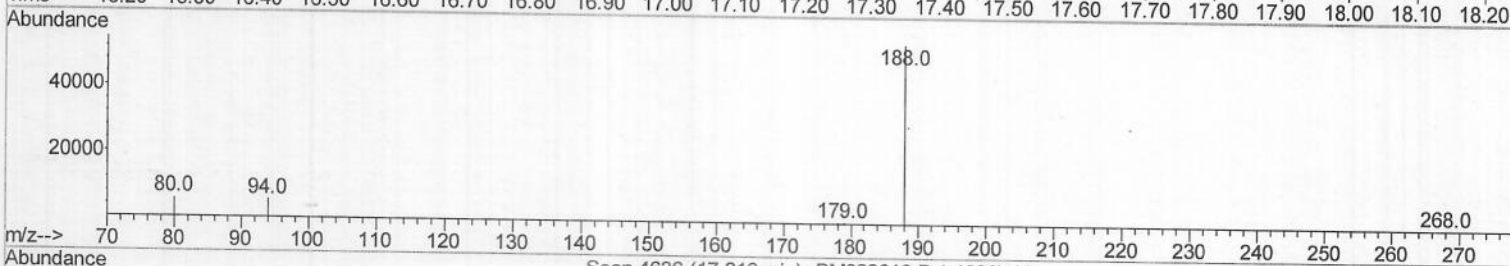
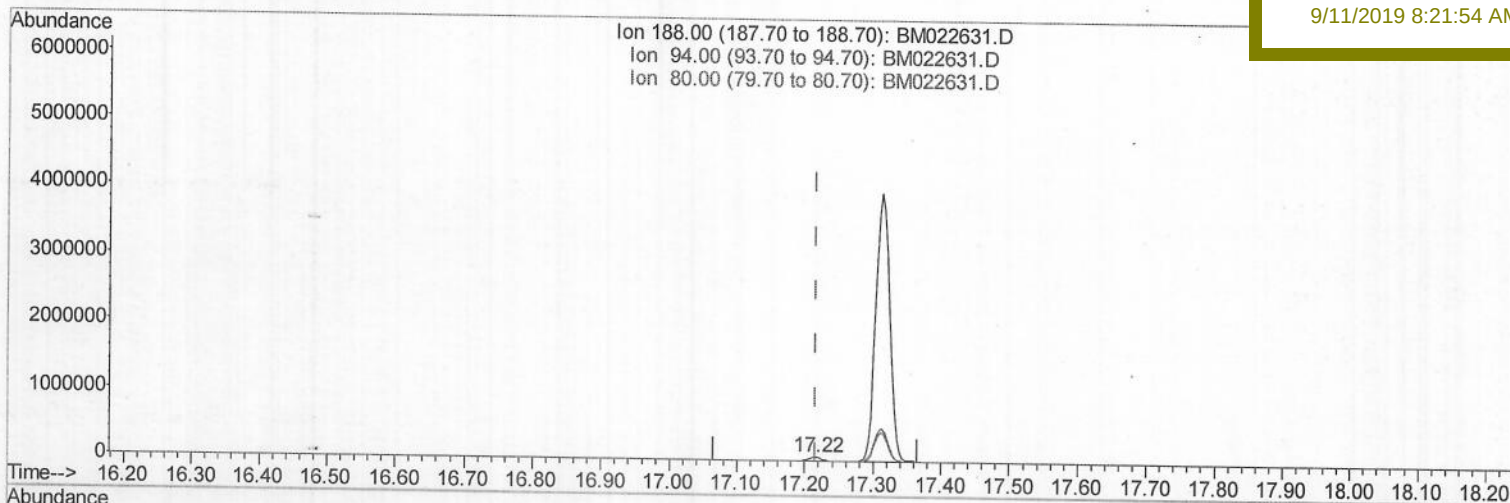
CB5Q6

Manual Integrations

APPROVED

mohammad

9/11/2019 8:21:54 AM



TIC: BM022631.D

(10) Phenanthrene-d10 (I)

17.216min (-0.000) 0.40ng/ul m

50
09/11/19

response 74691

Ion	Exp%	Act%
188.00	100	100
94.00	9.80	10.09
80.00	11.00	10.68
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

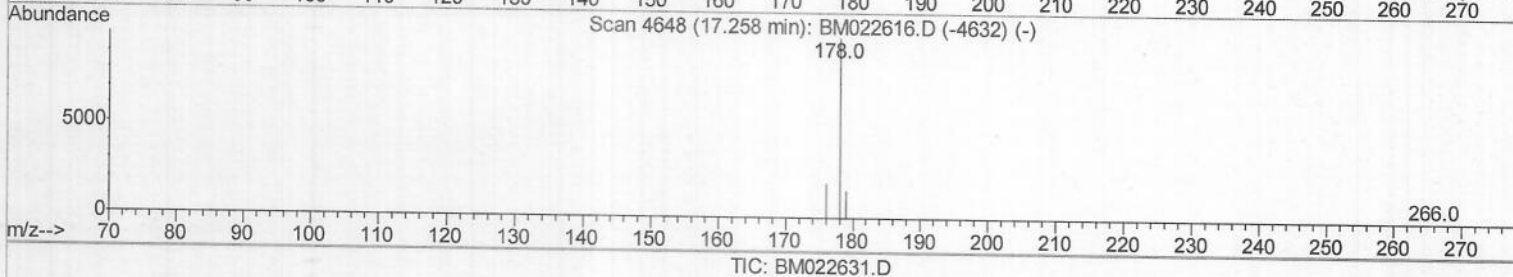
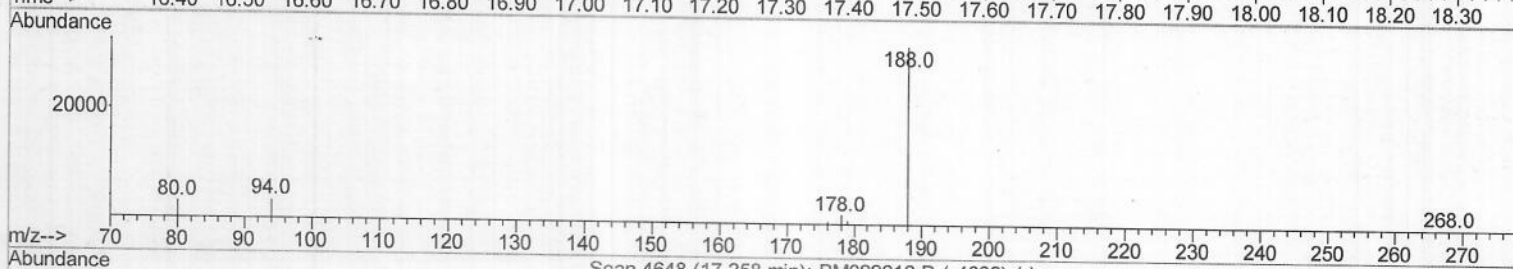
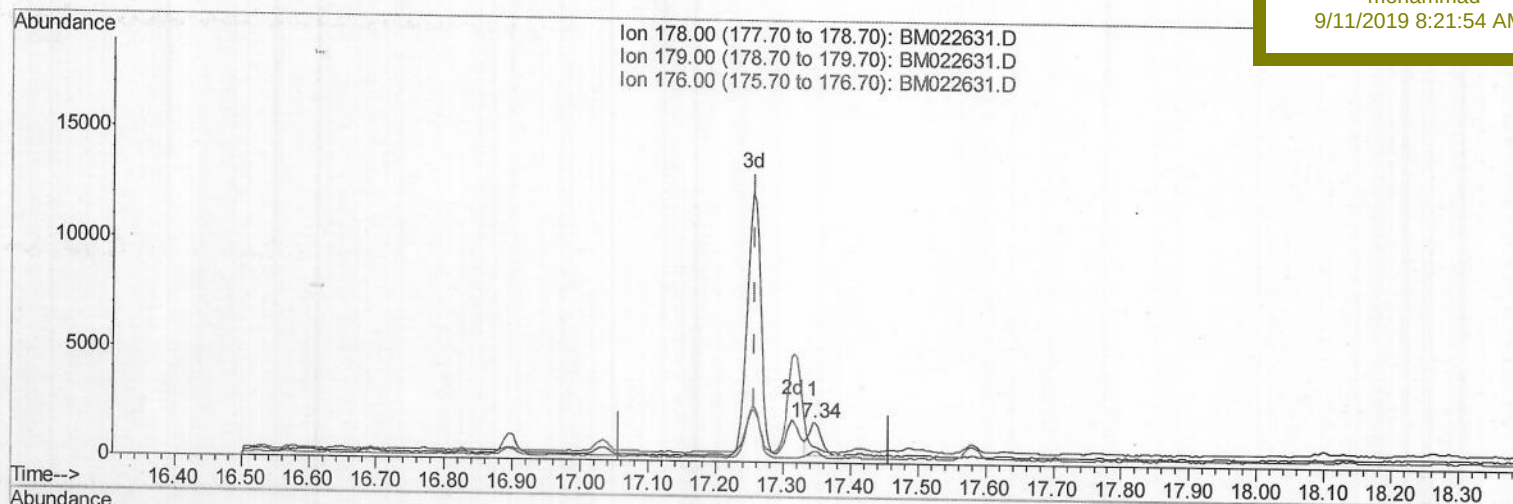
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(12) Phenanthrene

17.345min (+0.087) 0.01ng/ul

response 2002

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	41.22#
176.00	19.10	27.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

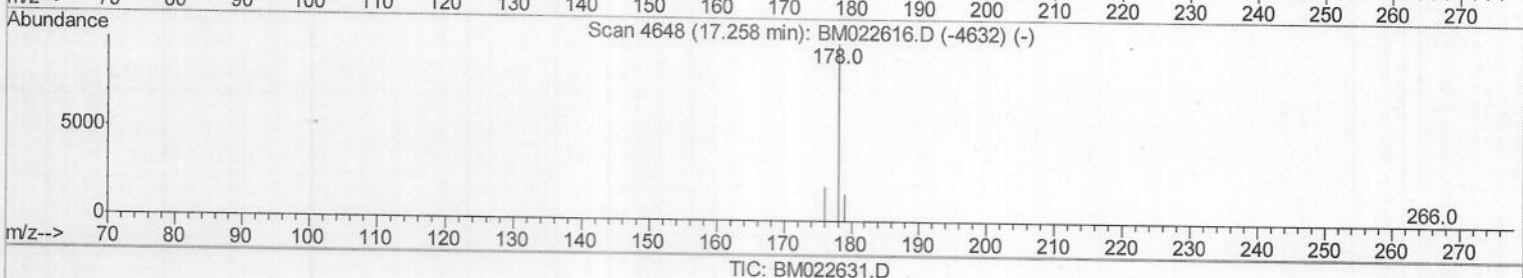
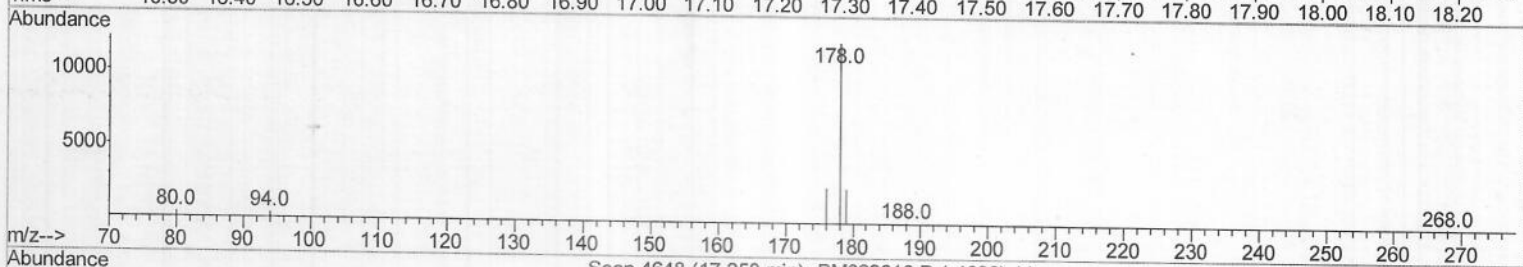
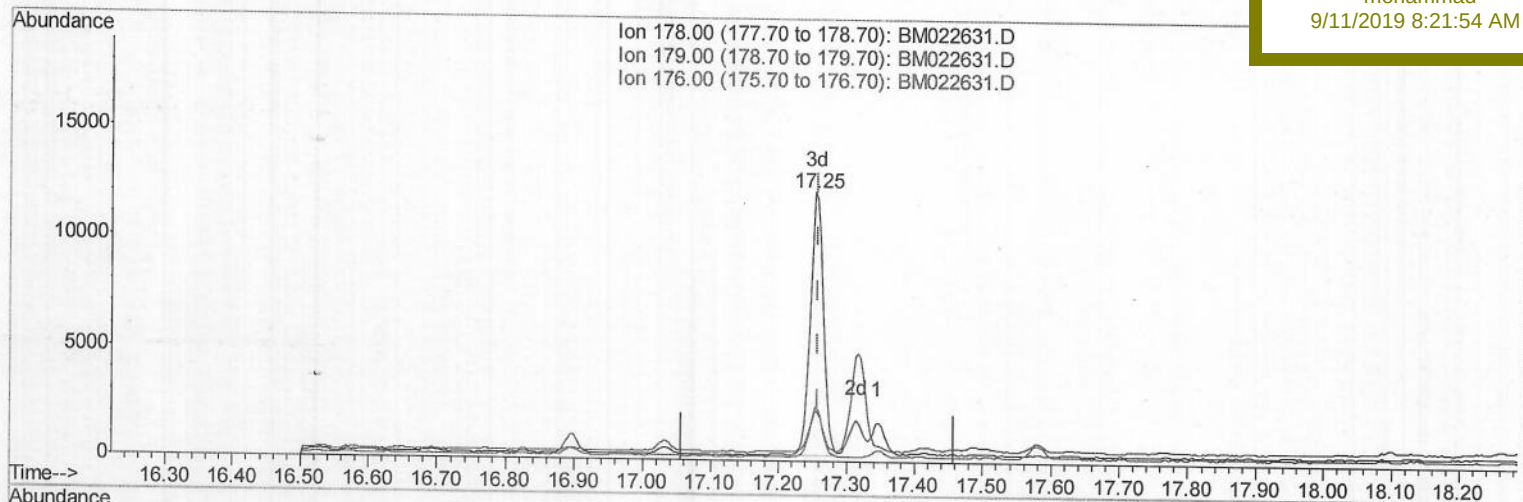
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(12) Phenanthrene

17.254min (-0.004) 0.07ng/ul m) JU
09/11/19

response 16473

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	19.29#
176.00	19.10	20.26
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

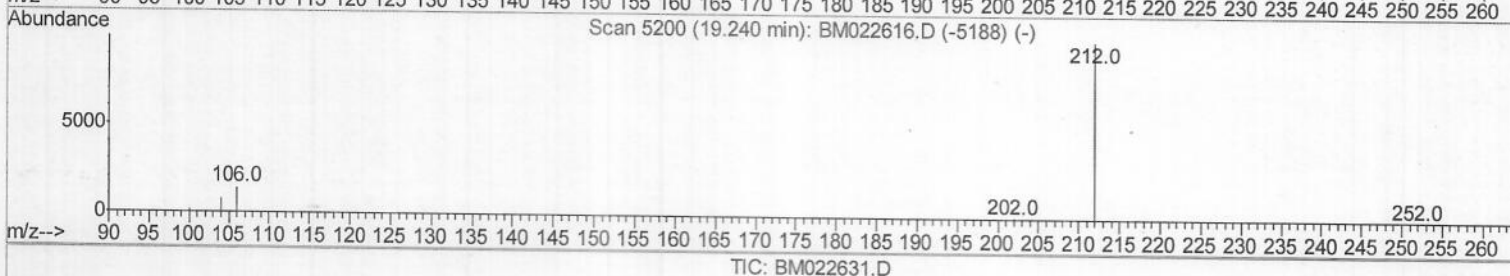
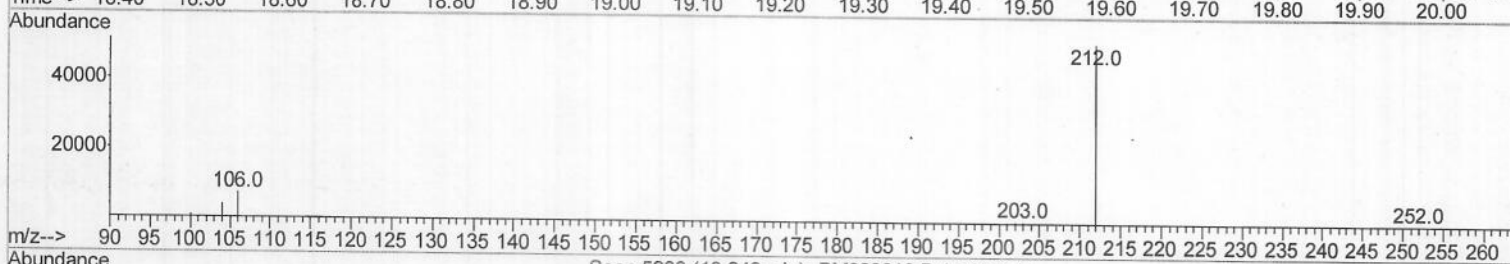
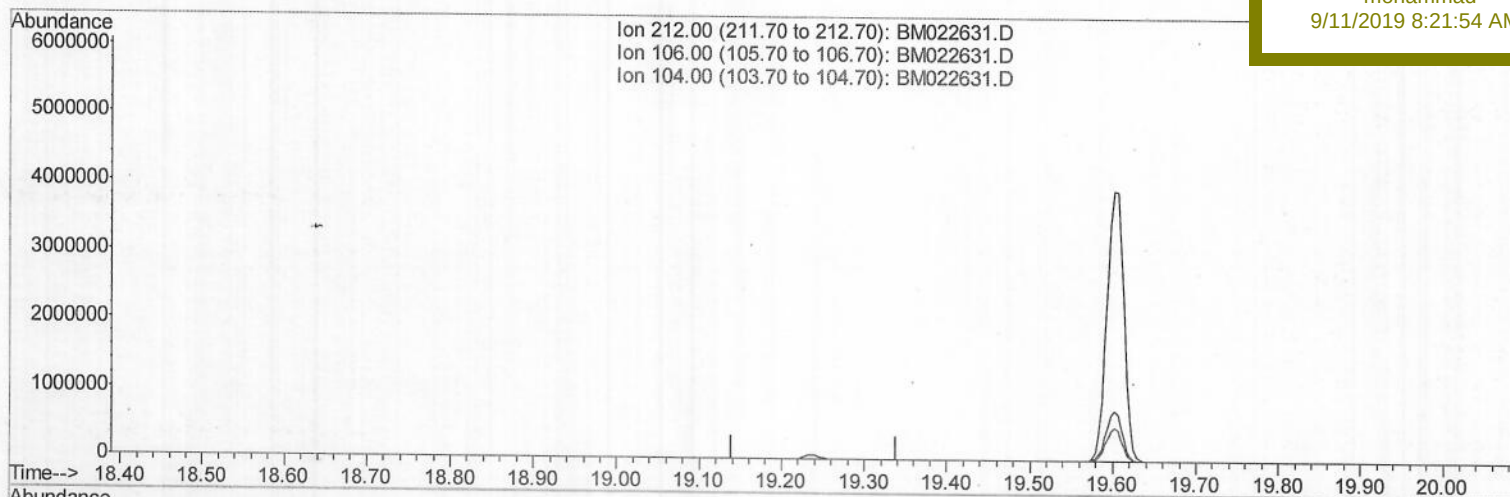
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(14) Fluoranthene-d10 (SURR)

19.240min (-19.240) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

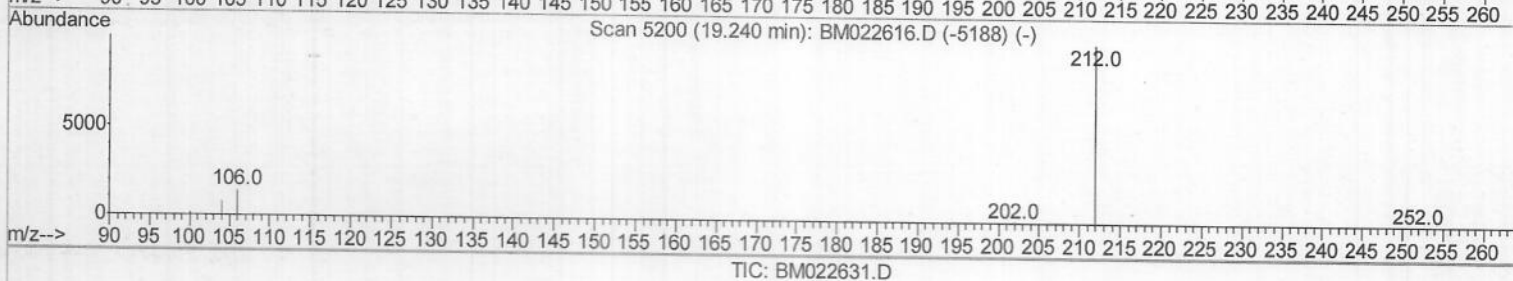
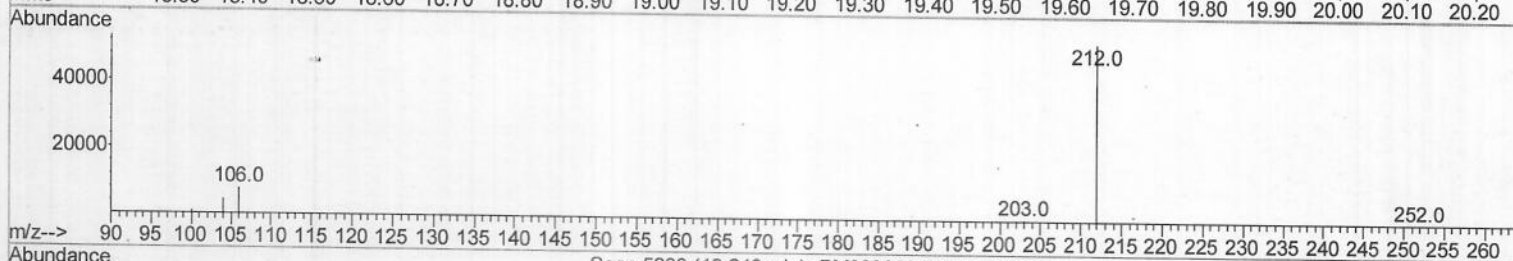
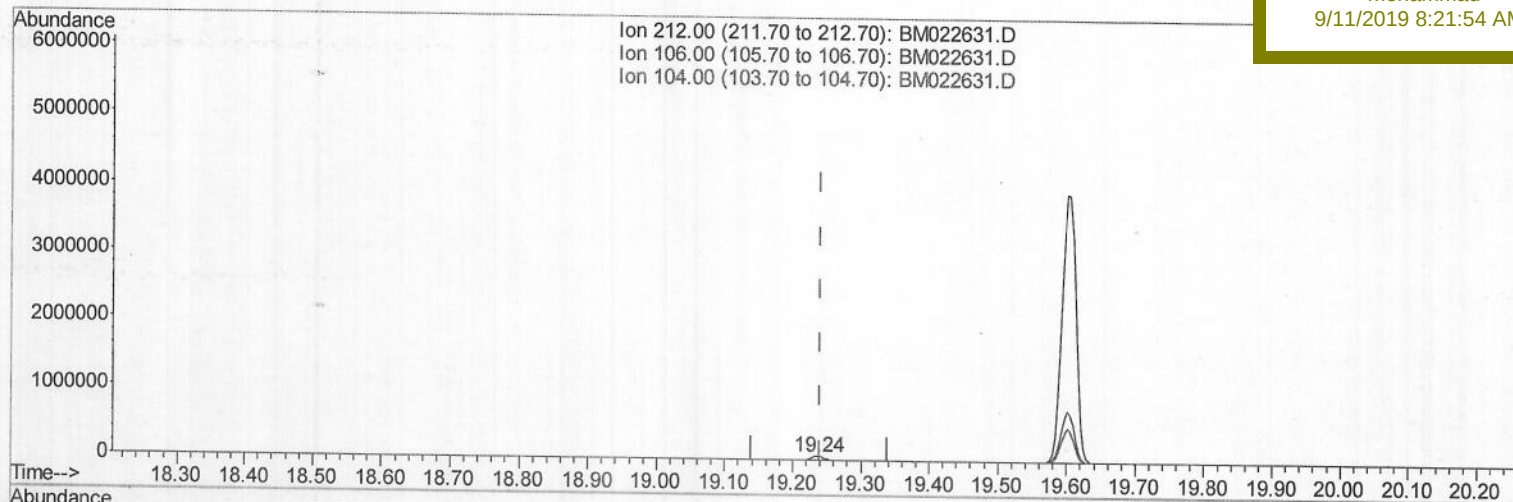
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(14) Fluoranthene-d10 (SURR)

19.236min (-0.004) 0.34ng/ul m) JU
09/11/19

response 69621

Ion	Exp%	Act%
212.00	100	100
106.00	14.00	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

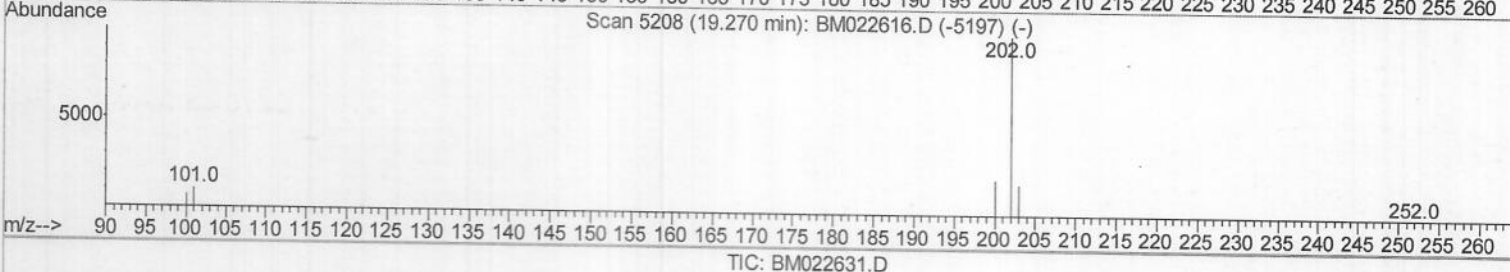
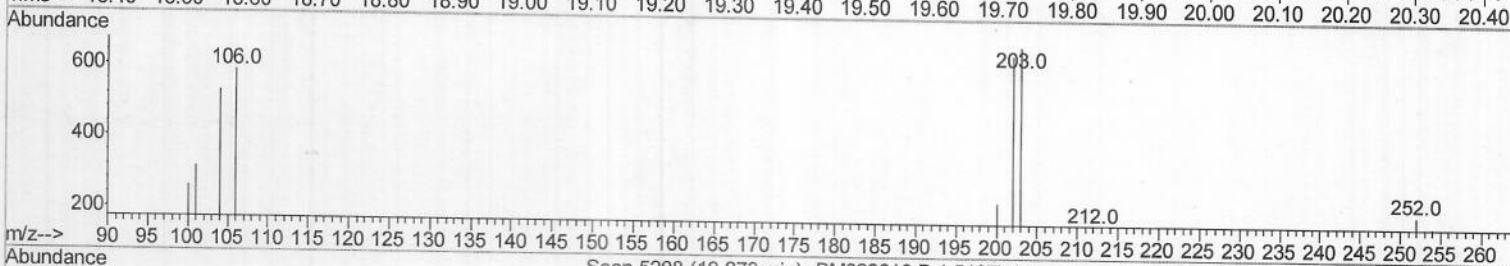
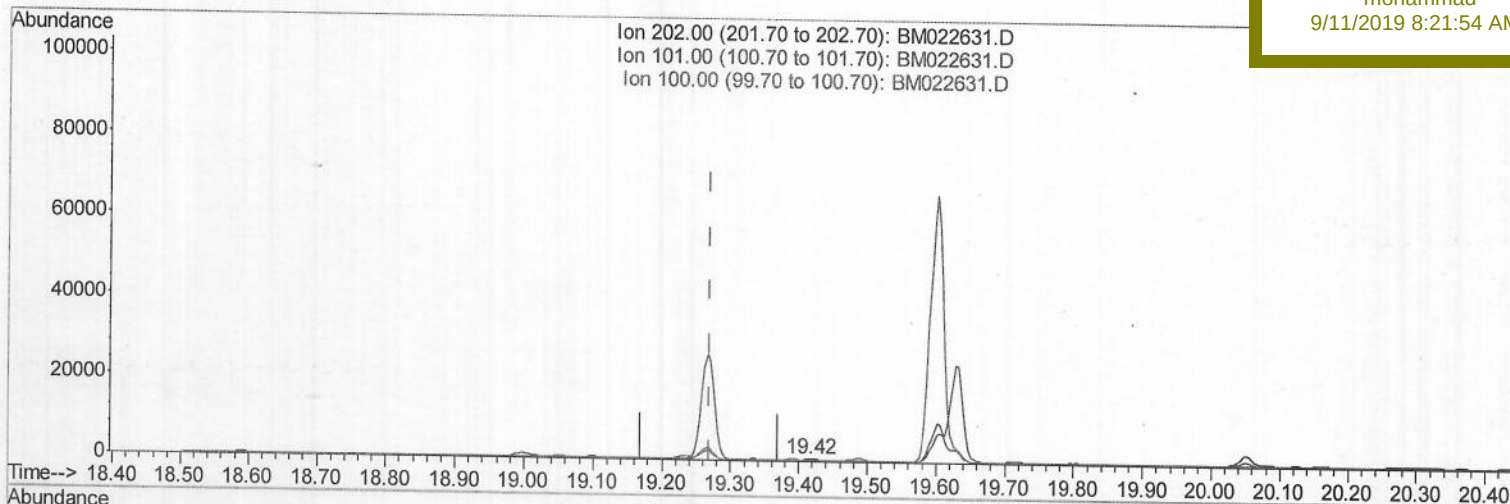
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(15) Fluoranthene (C)

19.415min (+0.145) 0.00ng/ul

response 444

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	48.31#
100.00	8.00	39.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

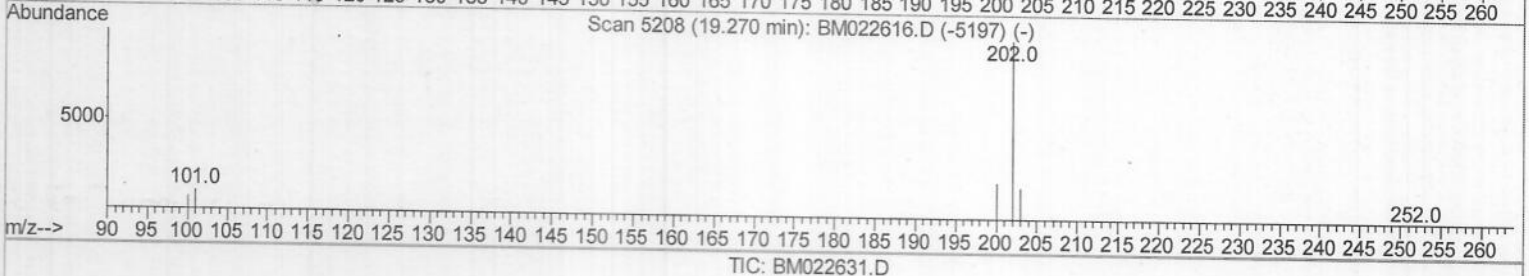
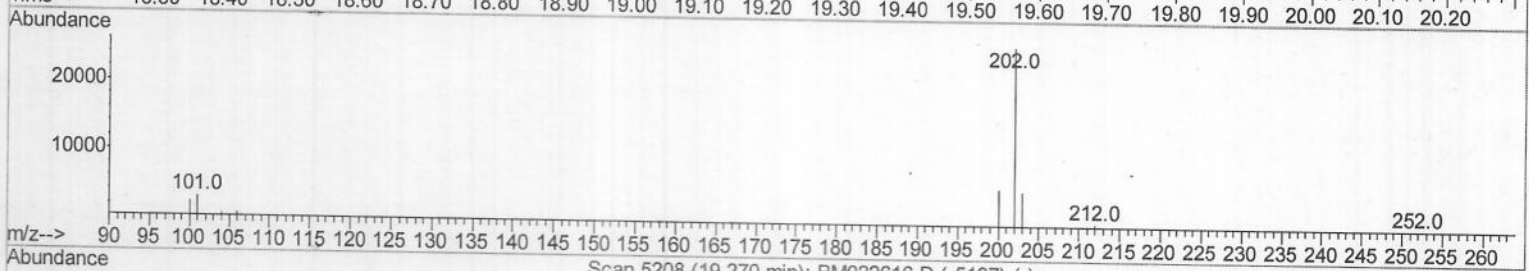
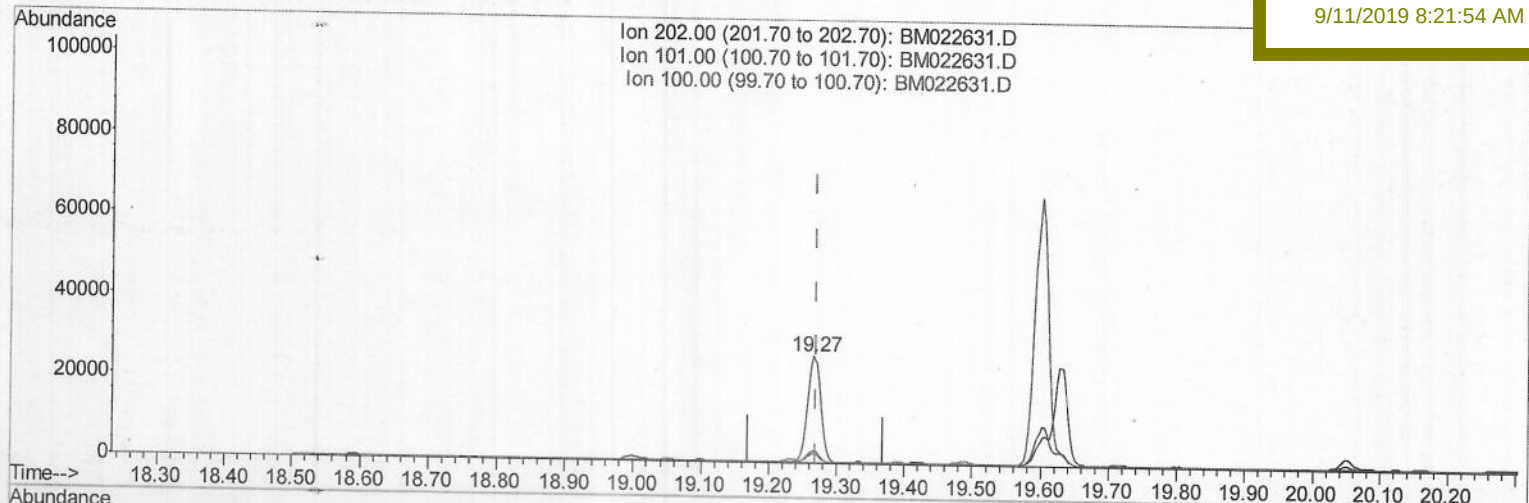
CB5Q6

Manual Integrations

APPROVED

mohammad

9/11/2019 8:21:54 AM



(15) Fluoranthene (C)

19.266min (-0.004) 0.13ng/ul m

response 33682

Ion	Exp%	Act%
202.00	100	100
101.00	10.50	11.44
100.00	8.00	8.88
0.00	0.00	0.00

JU
09/11/19

Quantitation Report (Qedit)

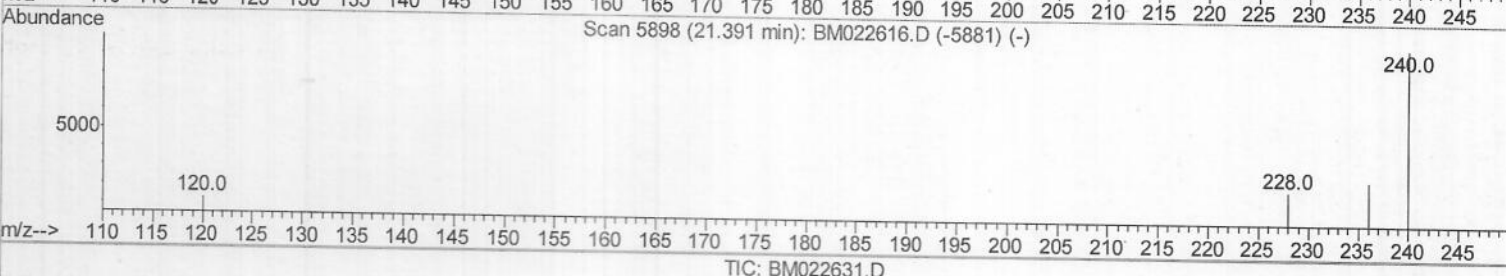
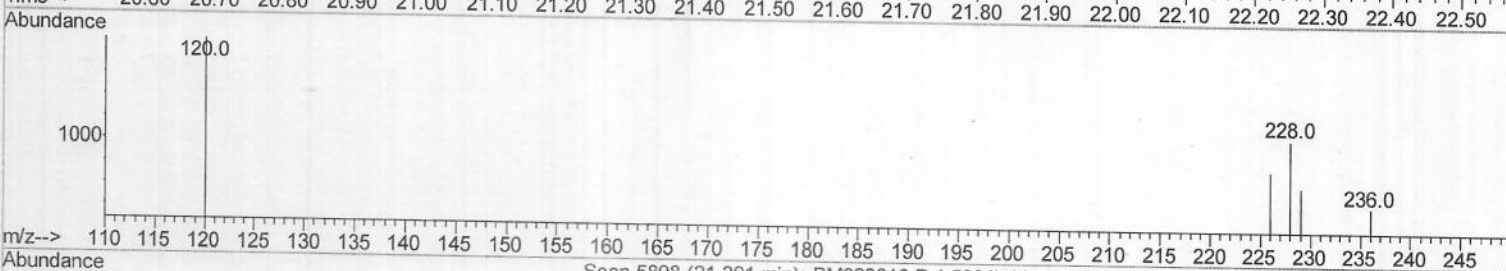
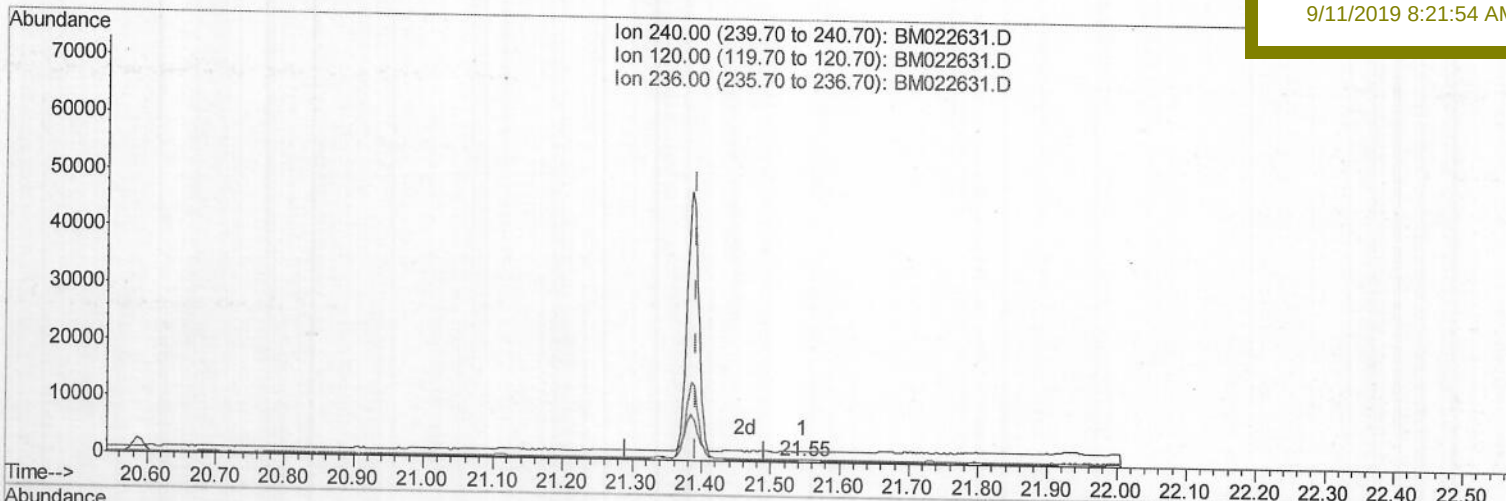
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022631.D
 Acq On : 10 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4708-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB5Q6

Manual Integrations
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 9/11/2019 8:21:54 AM



(16) Chrysene-d12 (I)

21.546min (+0.155) 0.40ng/ul

response 48

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	721.80#
236.00	28.80	184.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

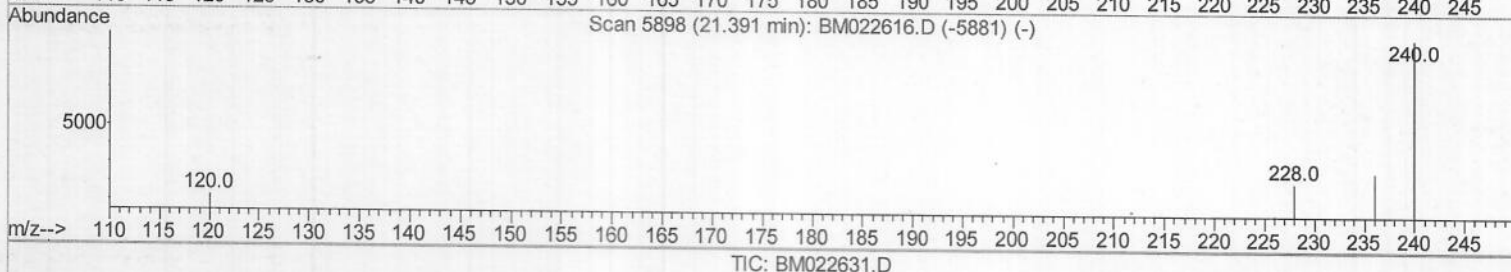
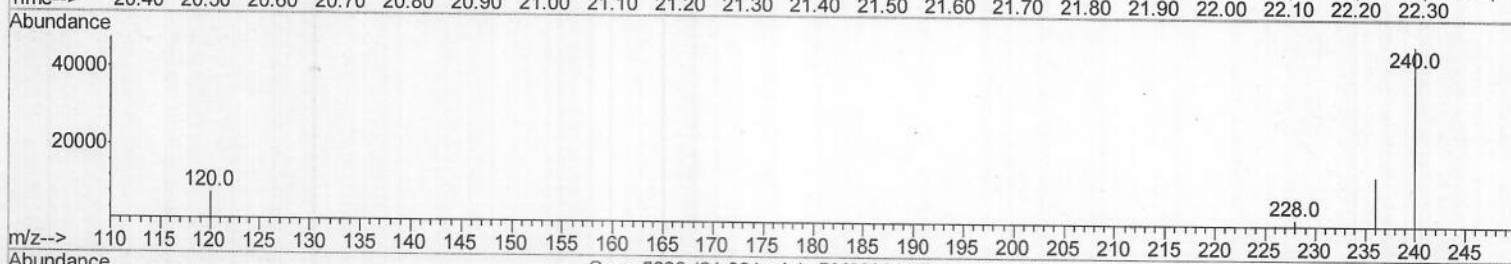
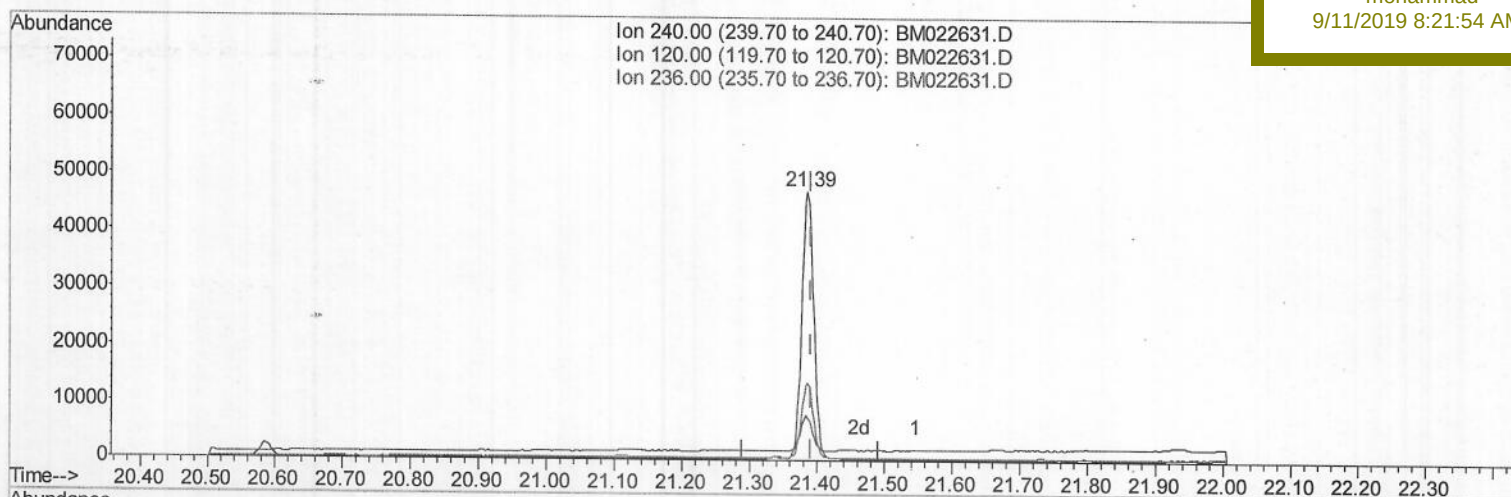
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(16) Chrysene-d12 (l)

21.386min (-0.005) 0.40ng/ul m) JU
09/11/19

response 57274

Ion	Exp%	Act%
240.00	100	100
120.00	14.60	16.38
236.00	28.80	29.13
0.00	0.00	0.00

Quantitation Report (Qedit)

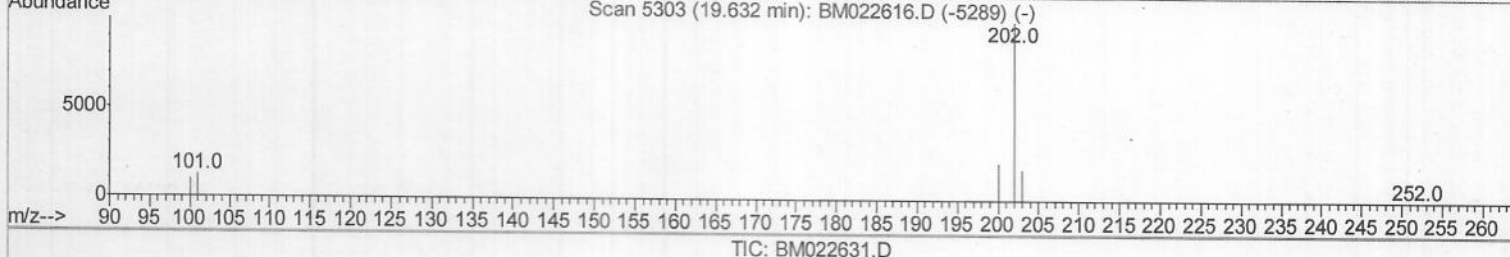
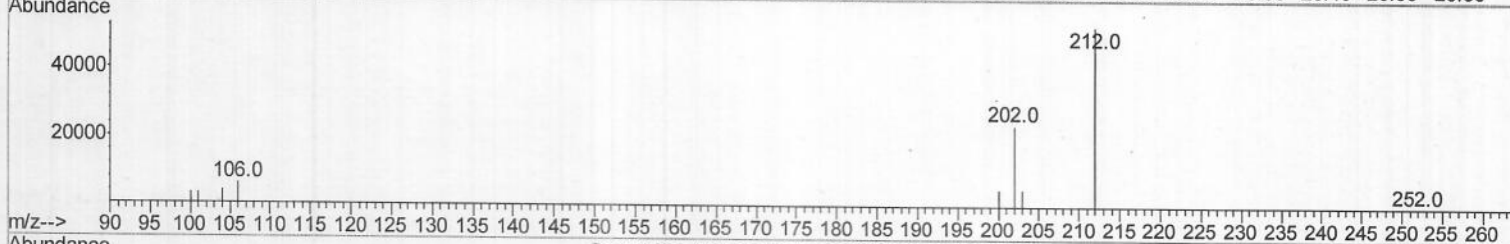
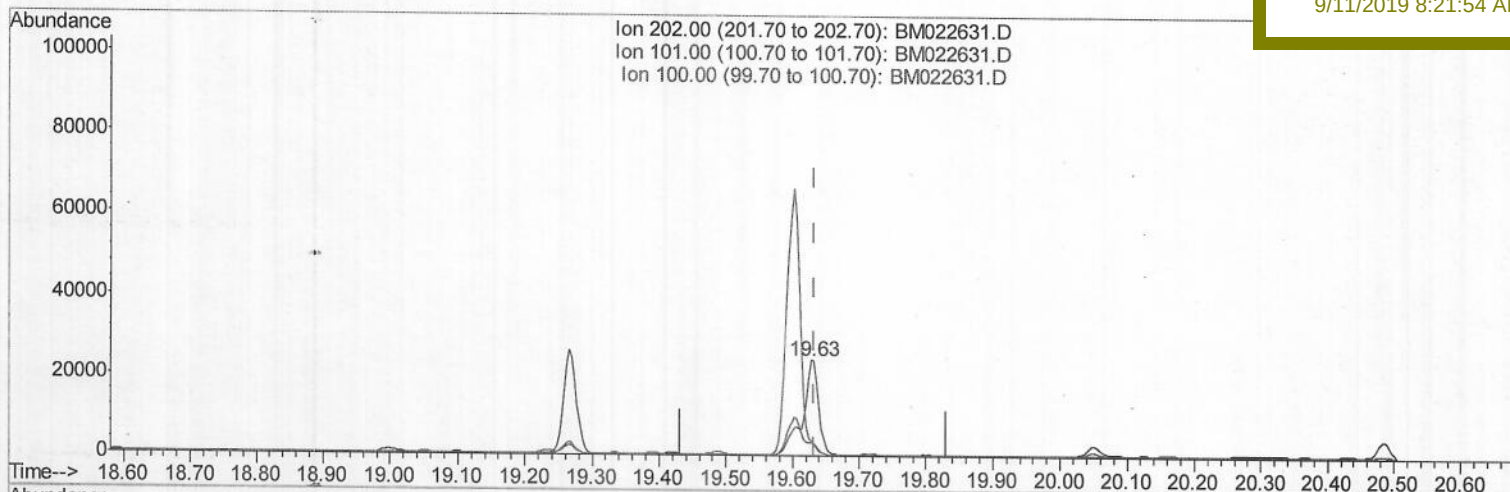
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022631.D
 Acq On : 10 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4708-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 CB5Q6

Quant Time: Sep 11 00:06:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
 9/11/2019 8:21:54 AM



TIC: BM022631.D

(17) Pyrene

19.629min (-0.004) 0.15ng/ul

response 39293

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	14.27
100.00	10.10	14.50#
.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

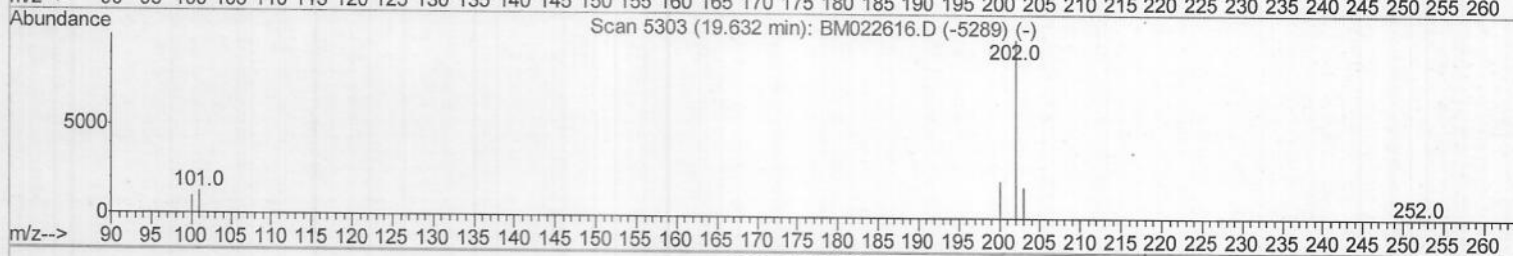
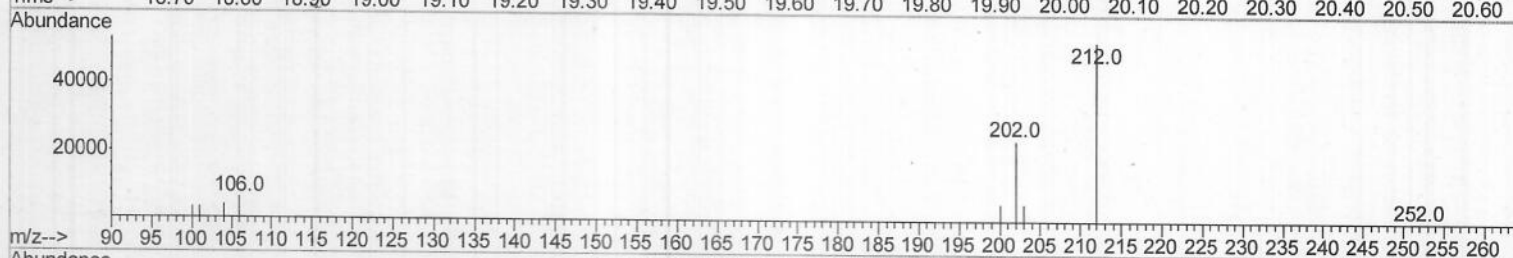
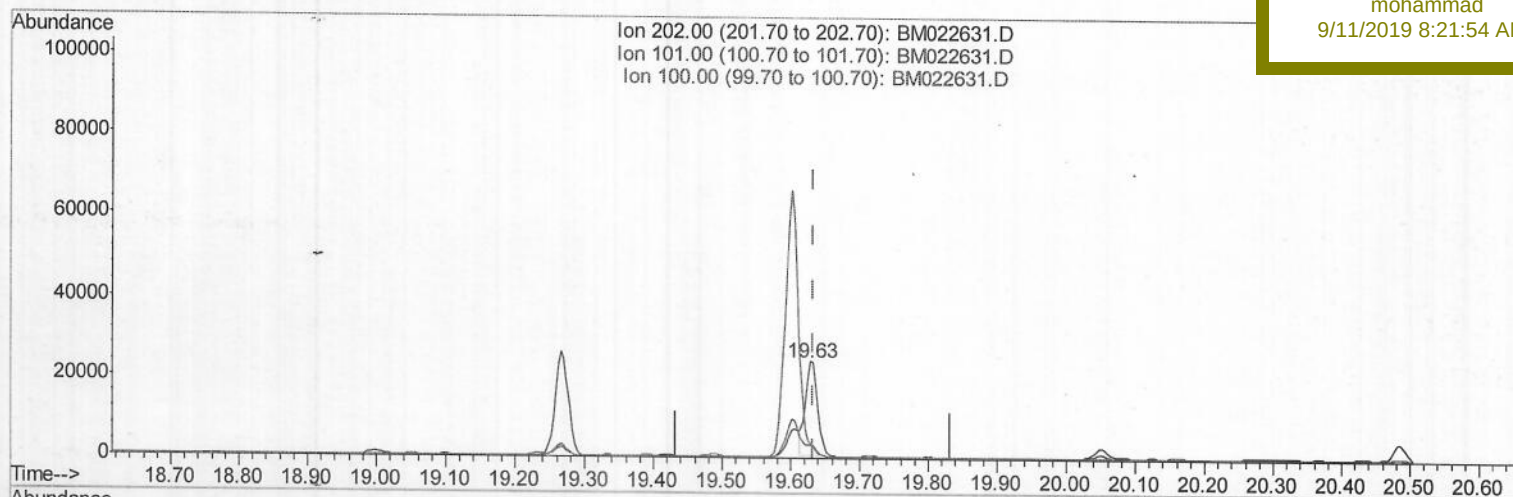
CB5Q6

Manual Integrations

APPROVED

mohammad

9/11/2019 8:21:54 AM



TIC: BM022631.D

(17) Pyrene

19.629min (-0.004) 0.11ng/ul m

response 29073

Ion	Exp%	Act%
202.00	100	100
101.00	12.50	14.27
100.00	10.10	14.50#
0.00	0.00	0.00

JU
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

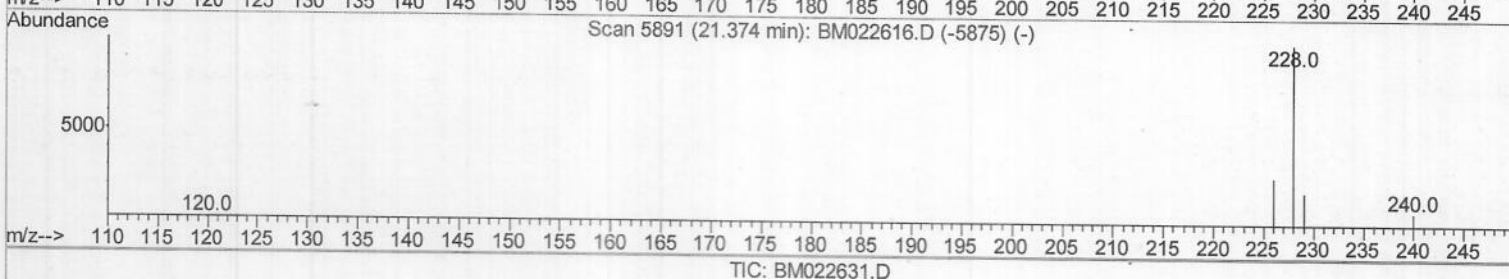
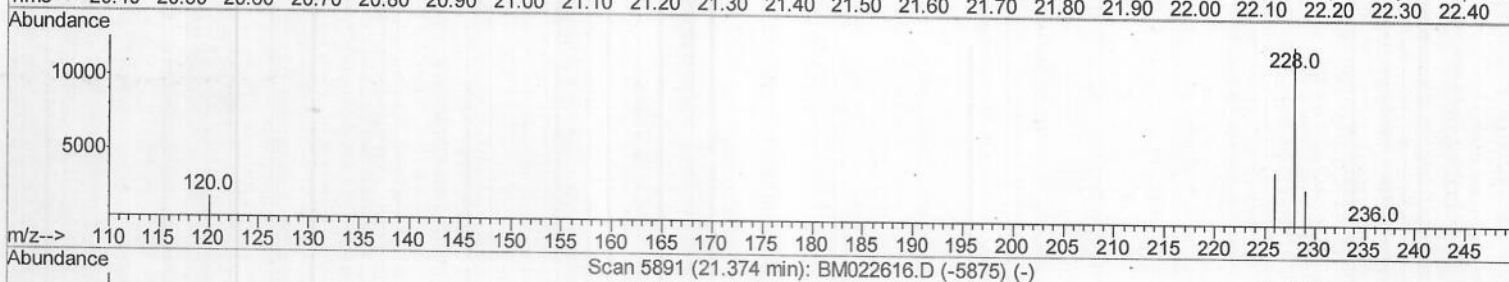
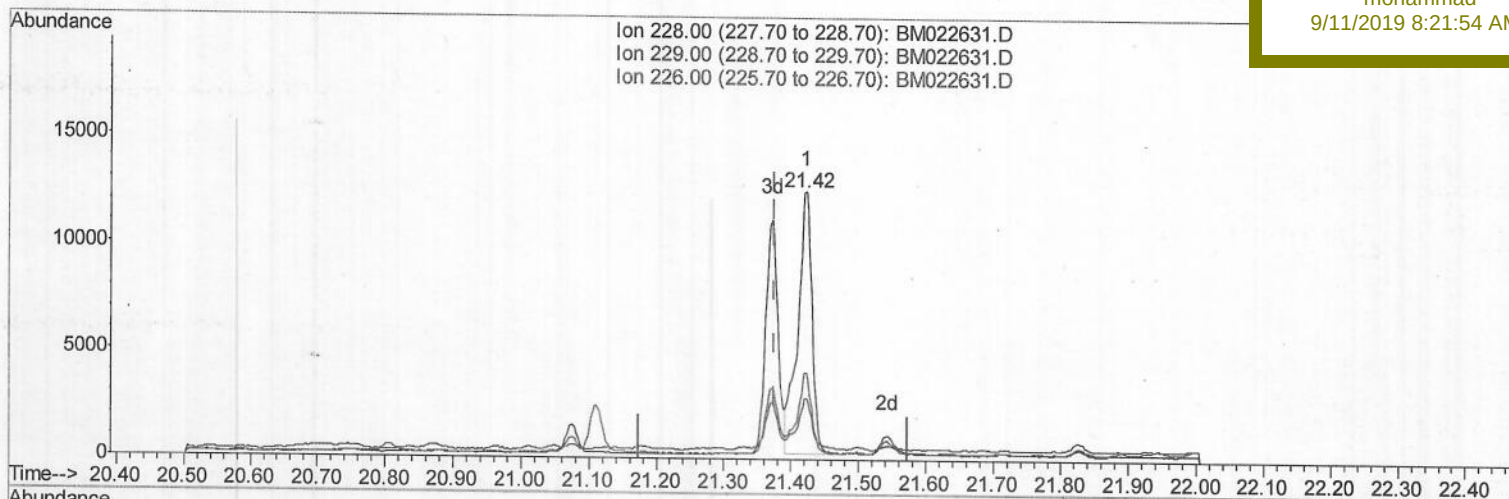
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(18) Benzo(a)anthracene

21.423min (+0.048) 0.08ng/ul

response 17969

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	22.89
226.00	27.50	32.31
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Qlast Update : Tue Sep 10 15:06:45 2019

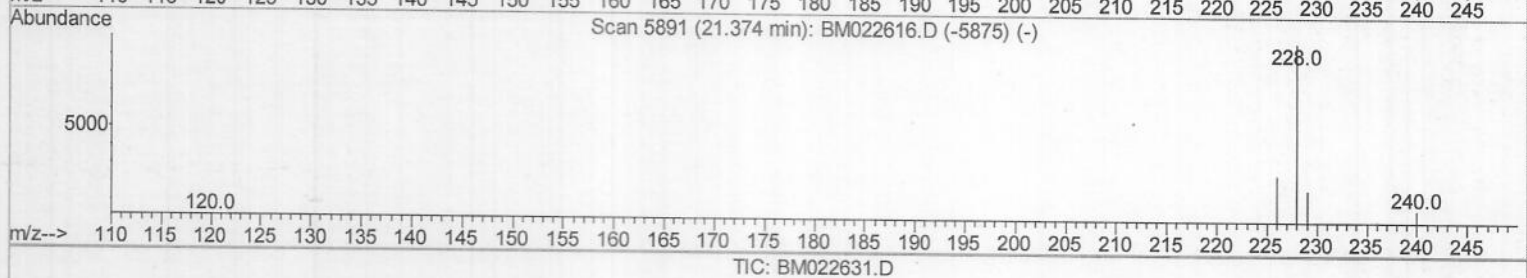
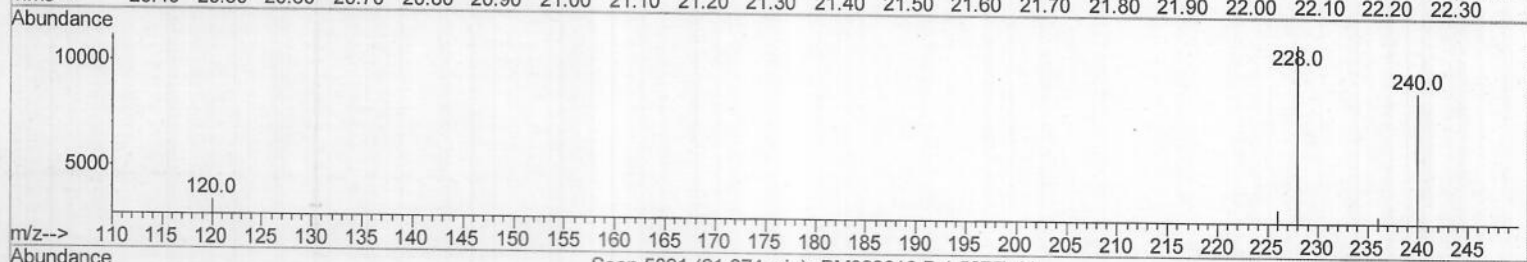
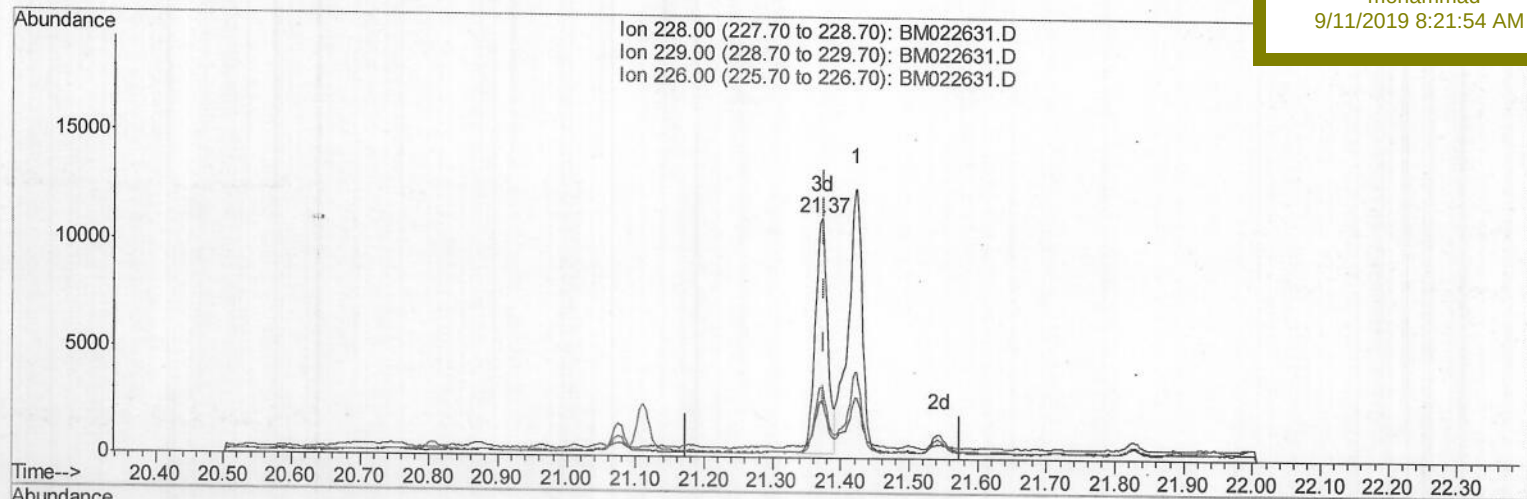
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(18) Benzo(a)anthracene

21.372min (-0.002) 0.06ng/ul m) JU
09/11/19

response 13921

Ion	Exp%	Act%
228.00	100	100
229.00	19.50	24.08#
226.00	27.50	29.68
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

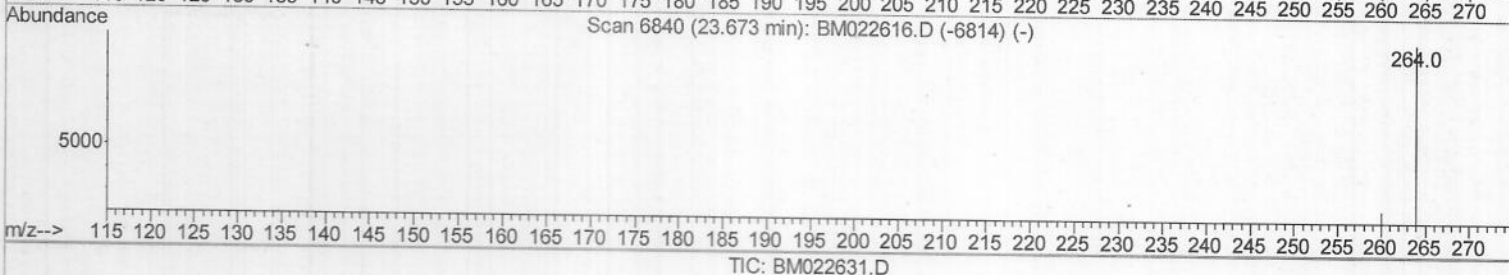
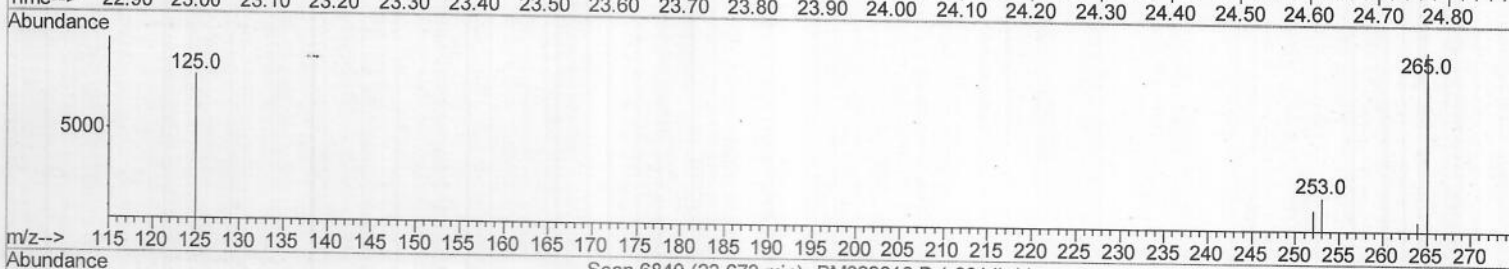
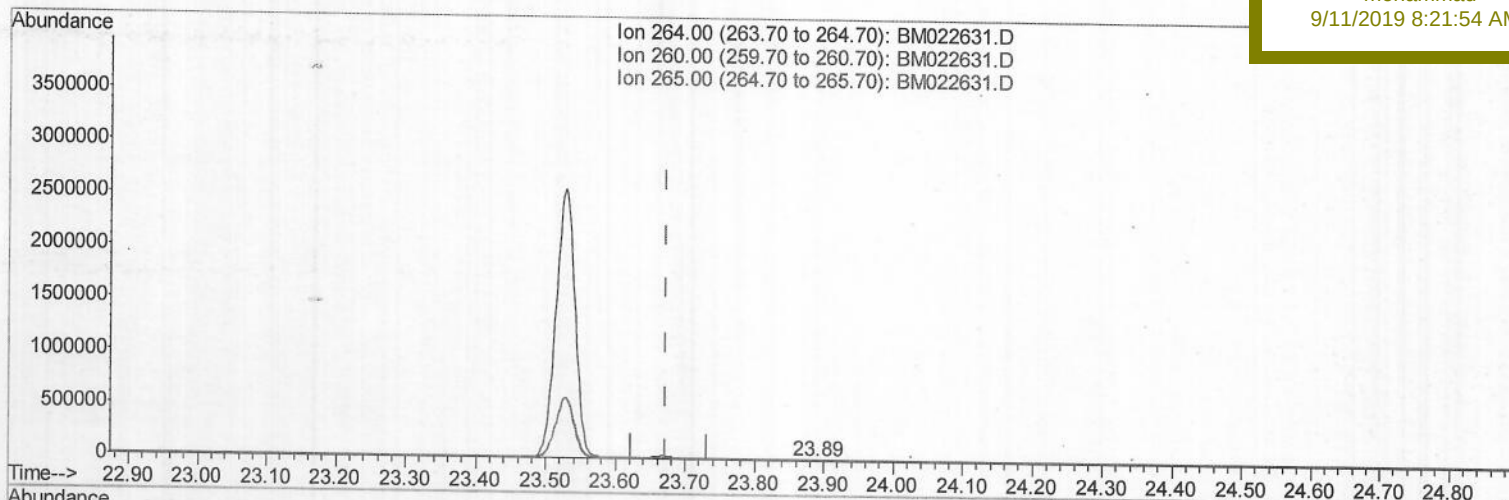
CB5Q6

Manual Integrations

APPROVED

mohammad

9/11/2019 8:21:54 AM



(20) Perylene-d12 (I)

23.888min (+0.216) 0.40ng/ul

response 18

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	40.40#
265.00	59.90	1119.44#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:06:05 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

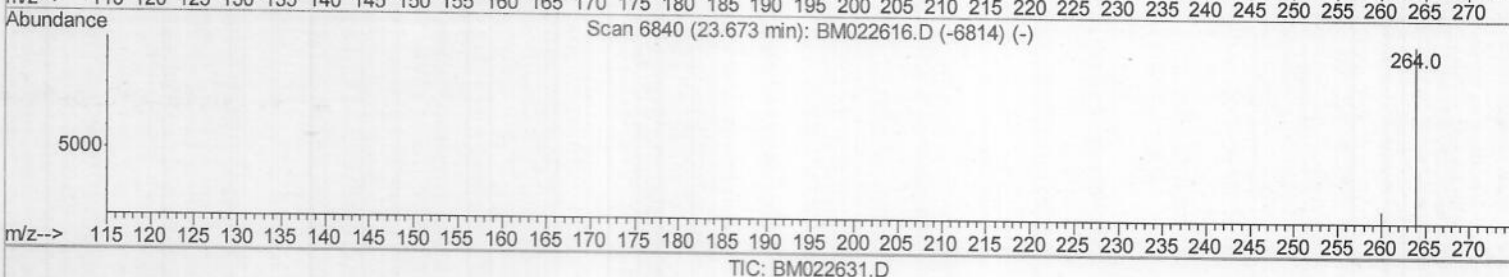
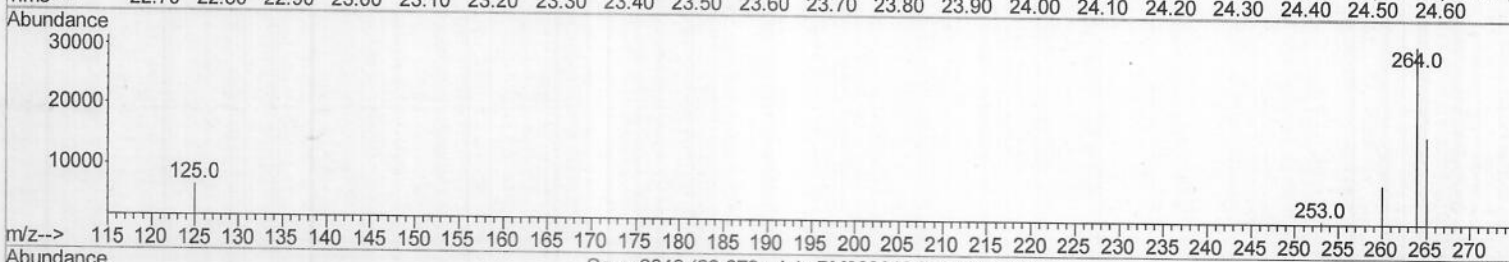
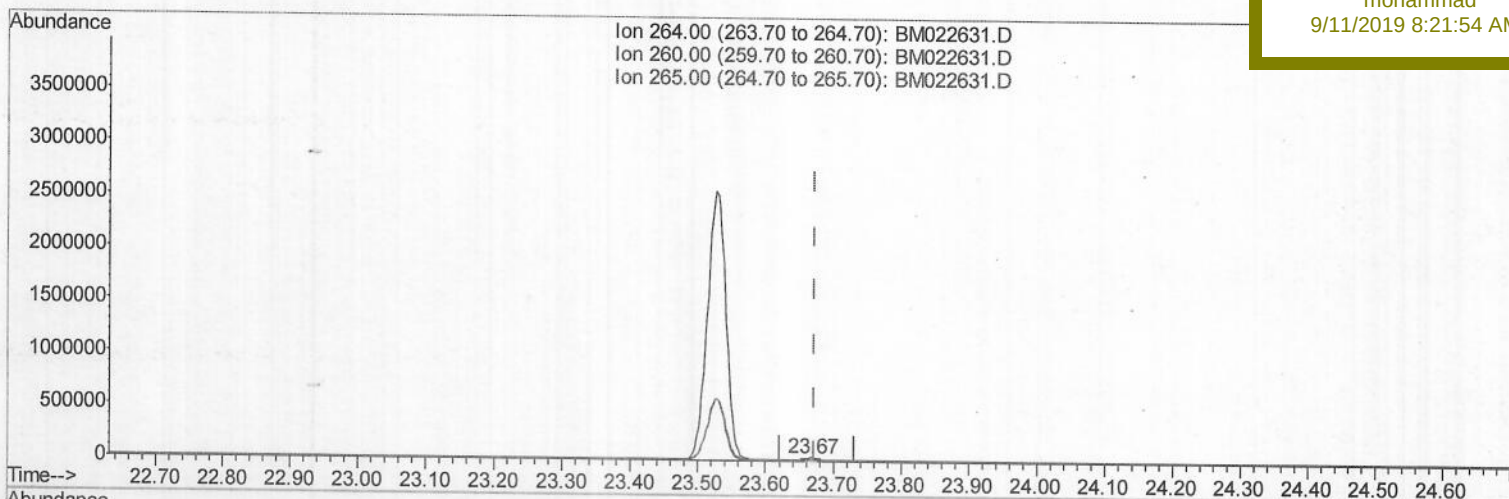
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(20) Perylene-d12 (I)

23.668min (-0.005) 0.40ng/ul m 750
09/11/19

response 53384

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	25.85
265.00	59.90	51.19
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

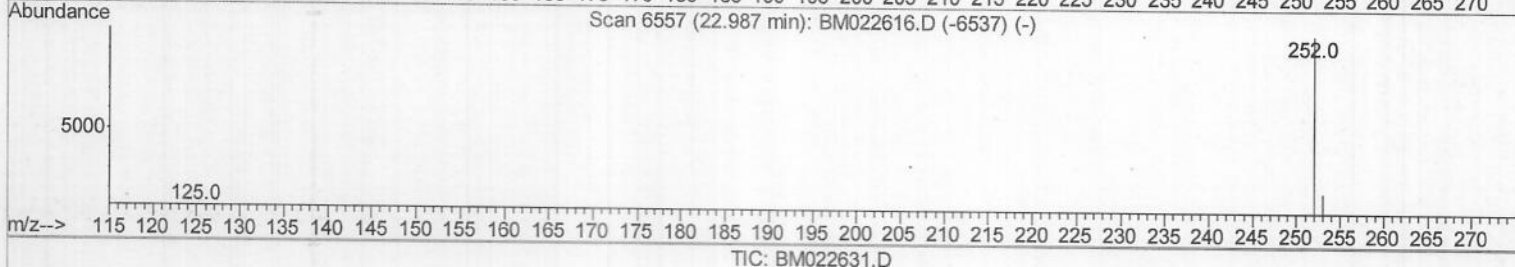
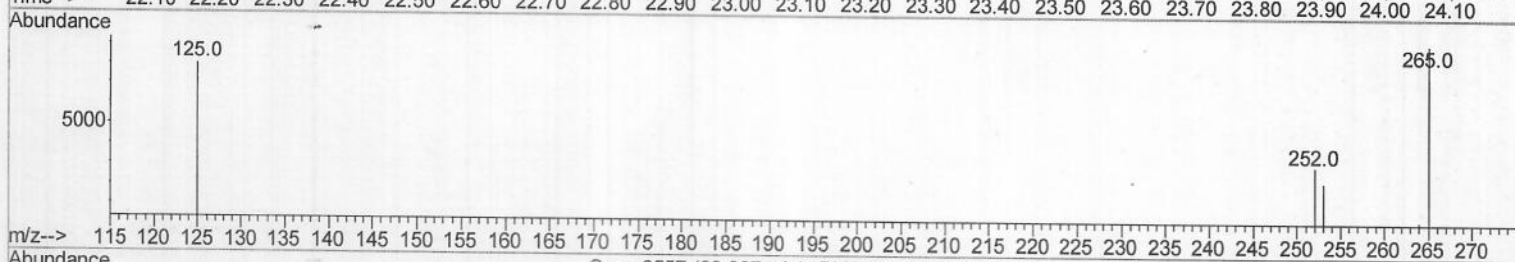
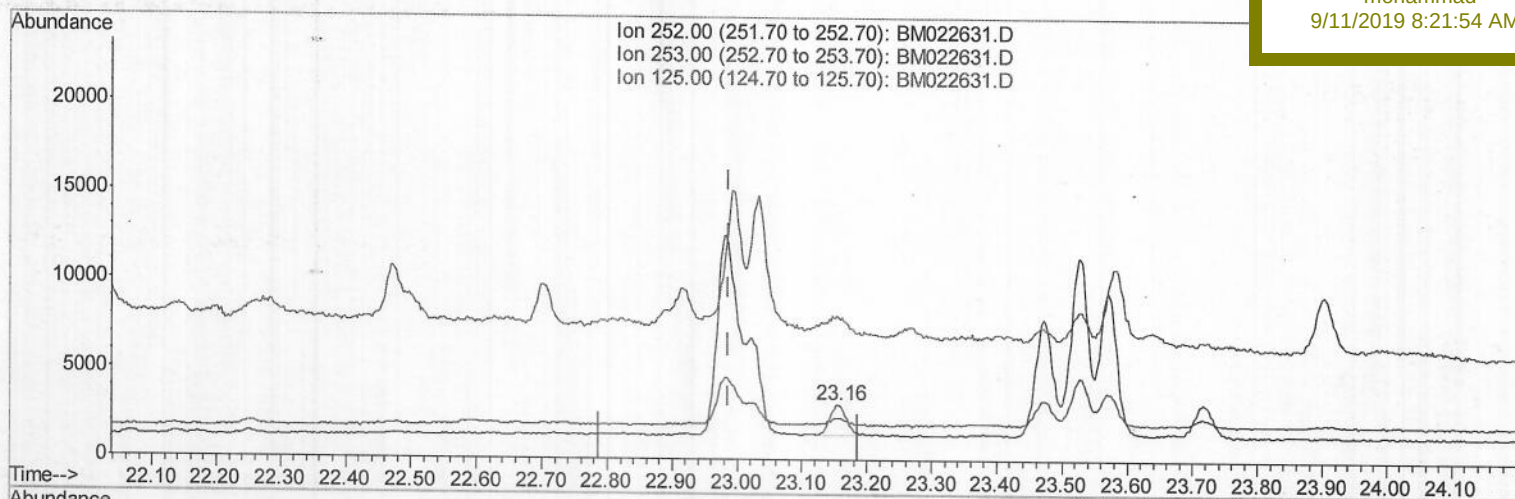
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(21) Benzo(b)fluoranthene

23.157min (+0.170) 0.01ng/ul

response 3036

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	75.34#
125.00	15.60	257.40#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

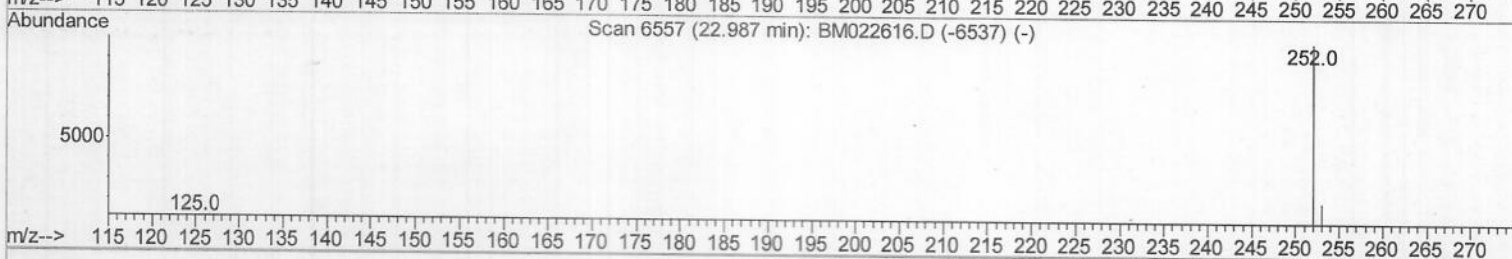
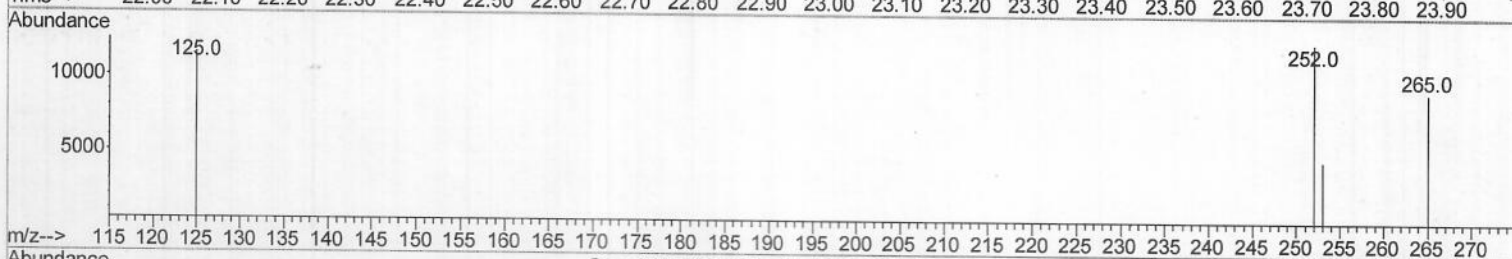
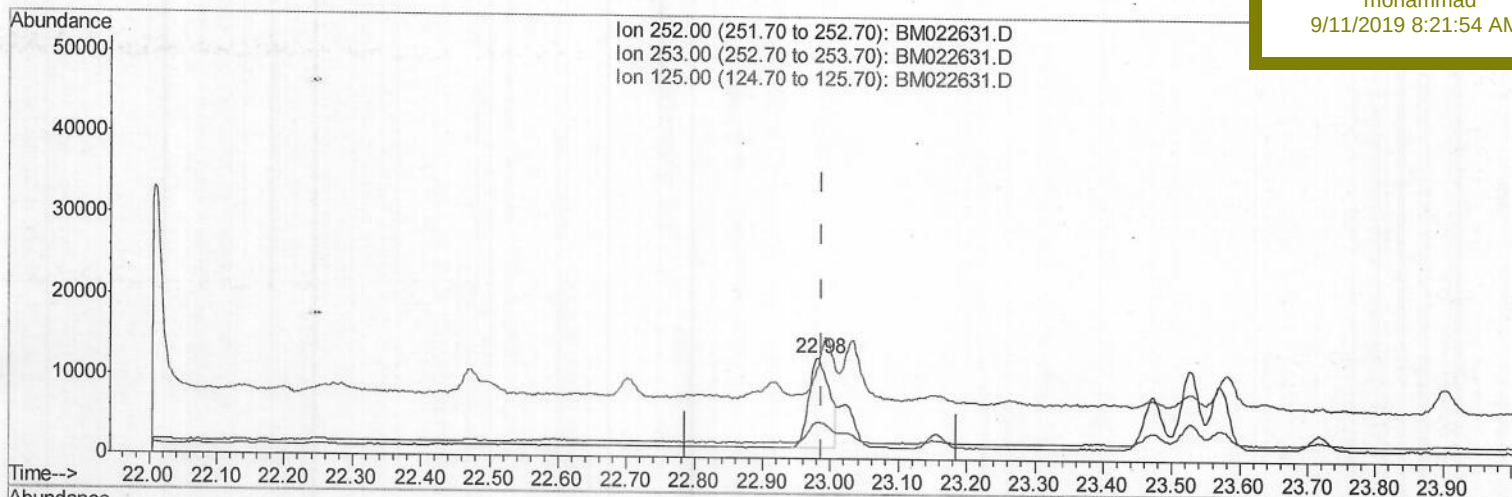
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

TIC: BM022631.D

(21) Benzo(b)fluoranthene

22.982min (-0.005) 0.10ng/ul m

response 22707

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	36.48
125.00	15.60	92.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

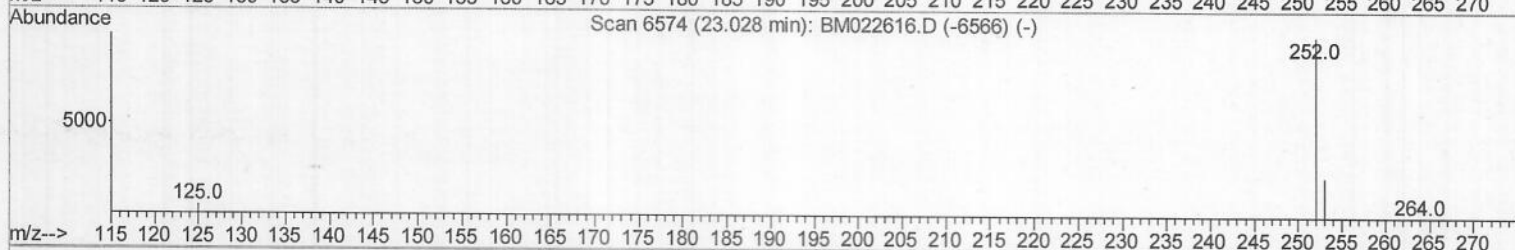
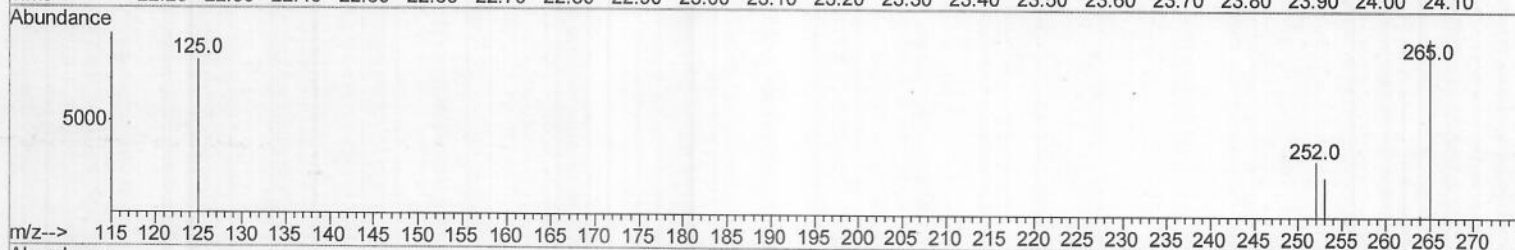
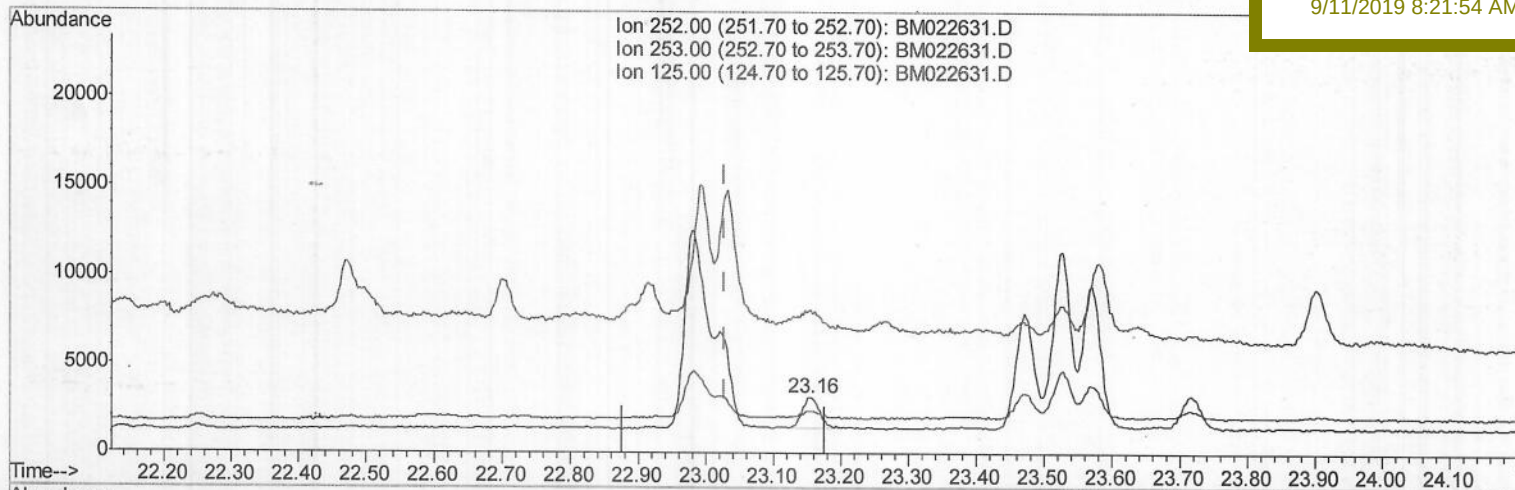
CB5Q6

Manual Integrations

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9/11/2019 8:21:54 AM



TIC: BM022631.D

(22) Benzo(k)fluoranthene

23.157min (+0.128) 0.01ng/ul

response 3057

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	75.34#
125.00	14.00	257.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

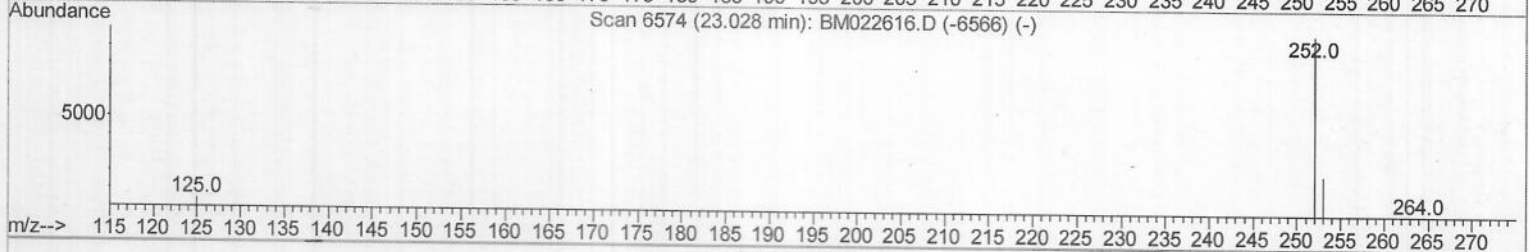
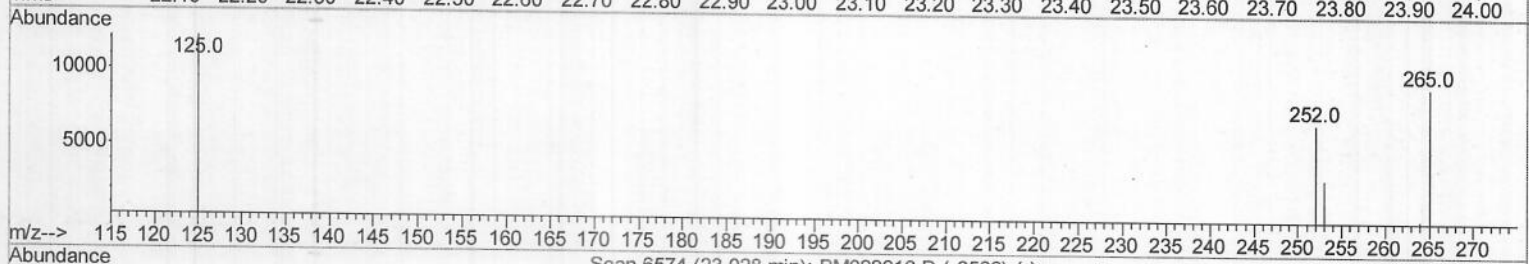
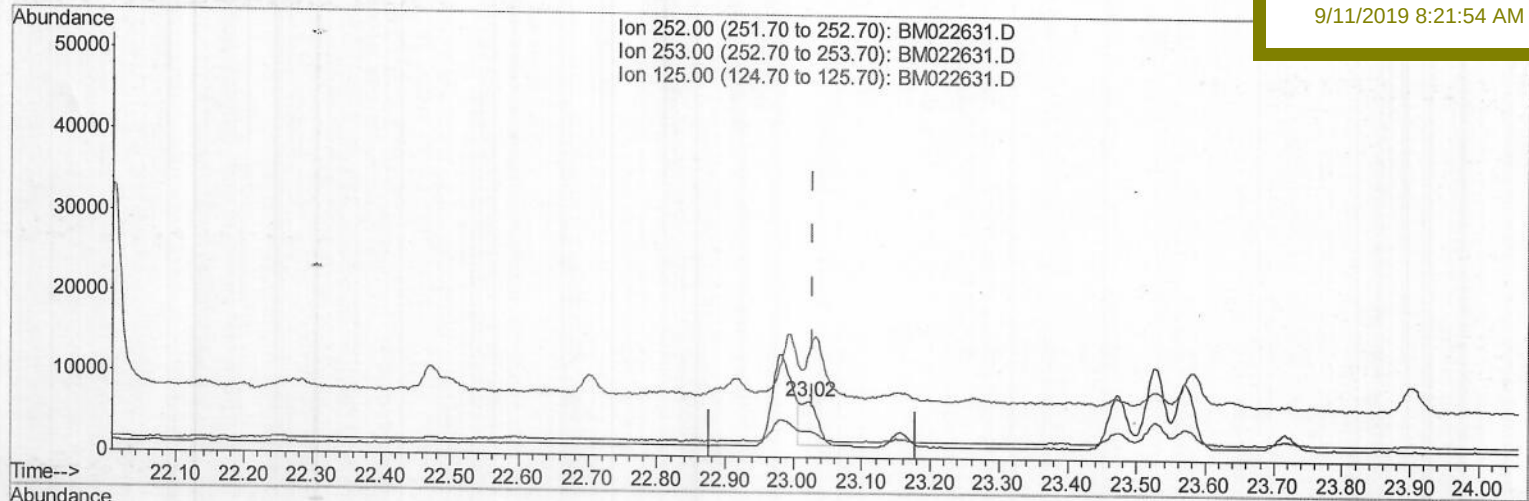
CB5Q6

Manual Integrations

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9/11/2019 8:21:54 AM



(22) Benzo(k)fluoranthene

23.021min (-0.007) 0.04ng/ul m *JU*
09/11/19

response 9492

Ion	Exp%	Act%
252.00	100	100
253.00	24.40	46.41#
125.00	14.00	178.18#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022631.D
Acq On : 10 Sep 2019 22:01
Operator : HP/JU
Sample : K4708-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

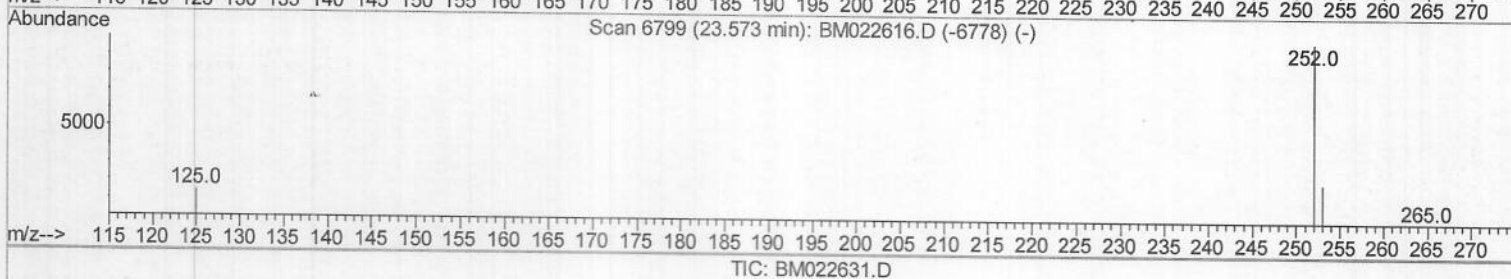
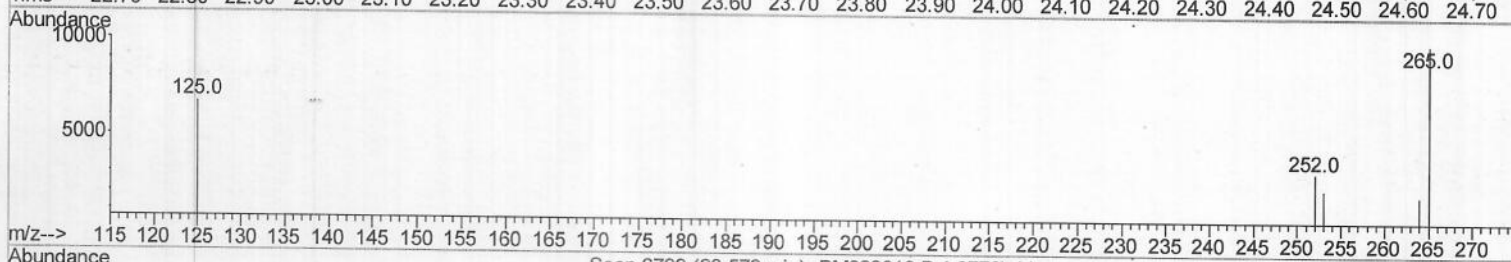
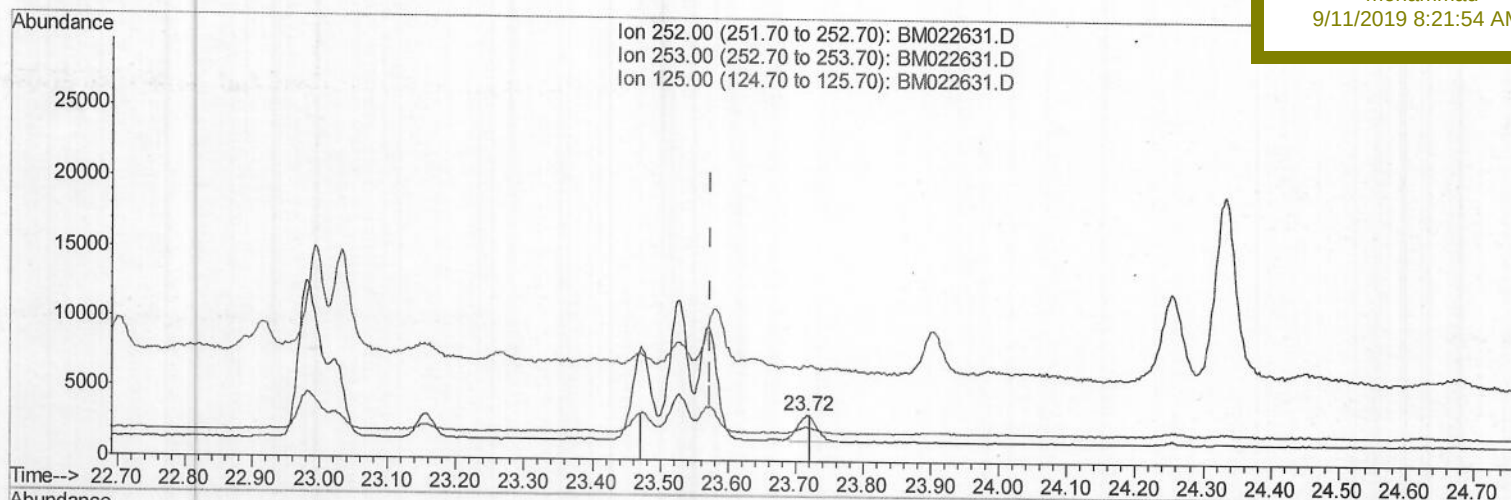
Quant Time: Sep 11 00:08:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

TIC: BM022631.D

(23) Benzo(a)pyrene-(C)

23.716min (+0.143) 0.02ng/ul

response 3481

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	73.60#
125.00	19.60	206.30#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

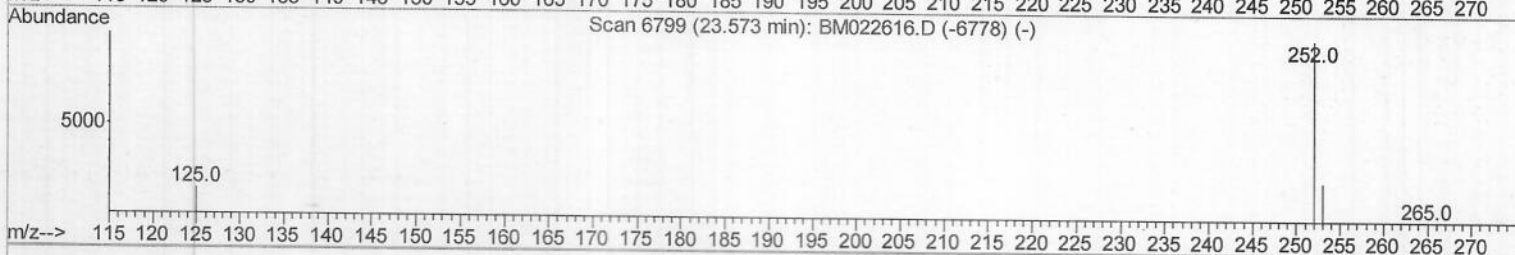
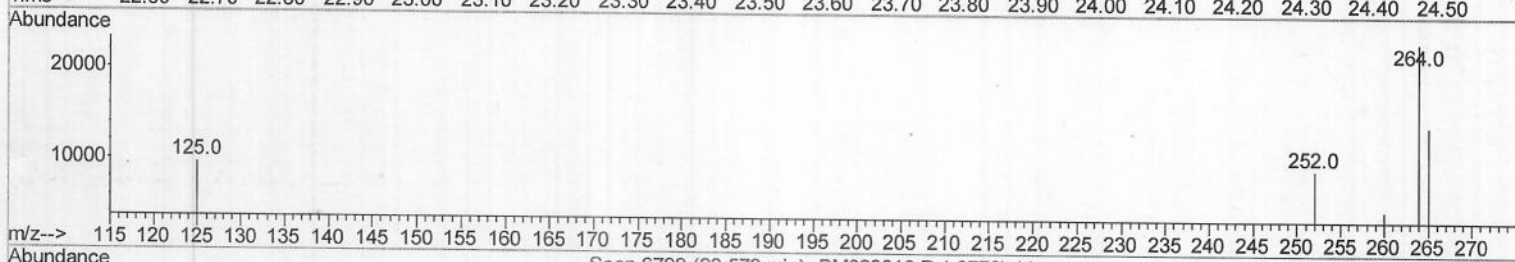
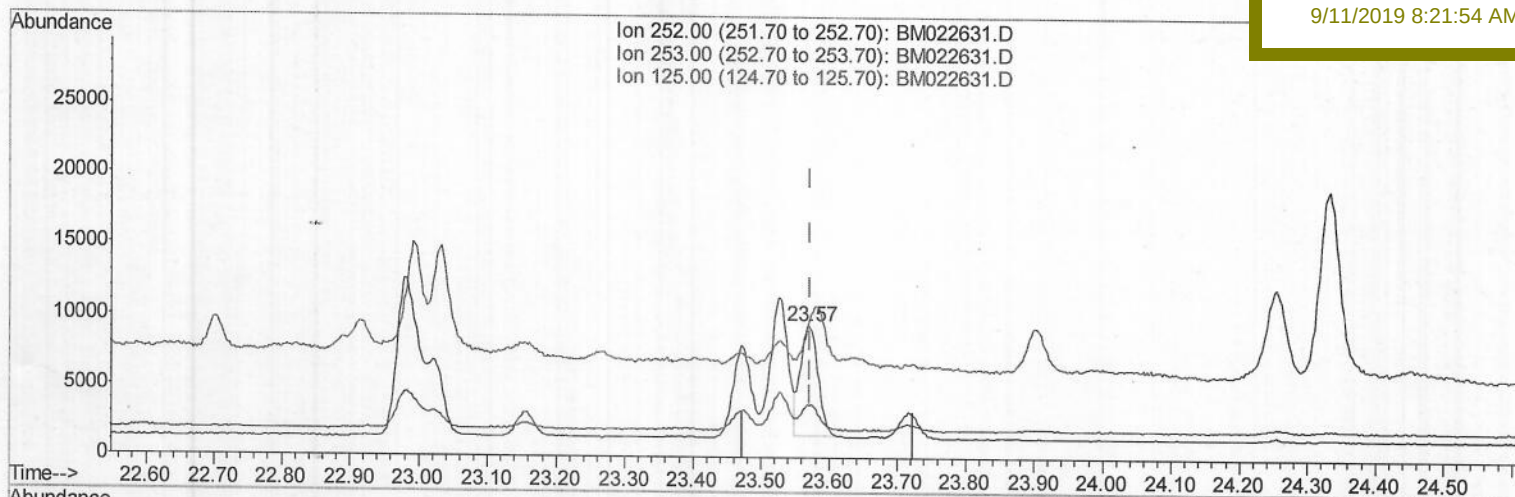
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

TIC: BM022631.D

(23) Benzo(a)pyrene (C)

23.571min (-0.002) 0.07ng/ul m

response 14079

Ion	Exp%	Act%
252.00	100	100
253.00	25.20	39.64#
125.00	19.60	102.31#
0.00	0.00	0.00

JU
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

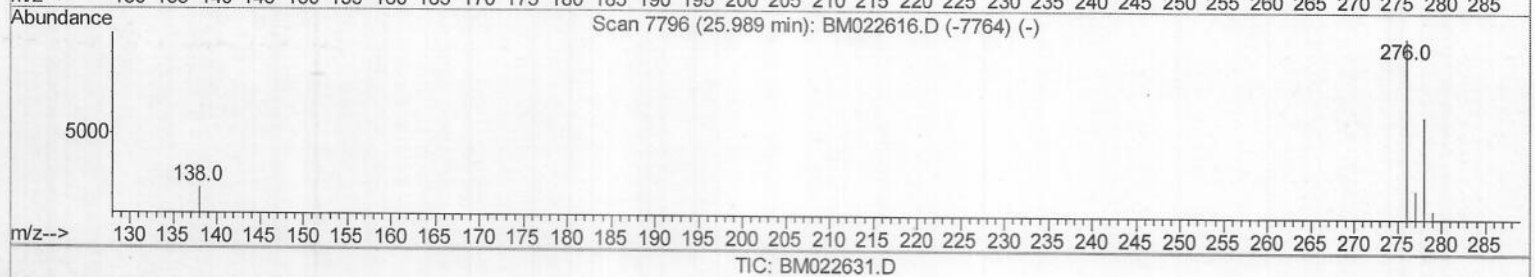
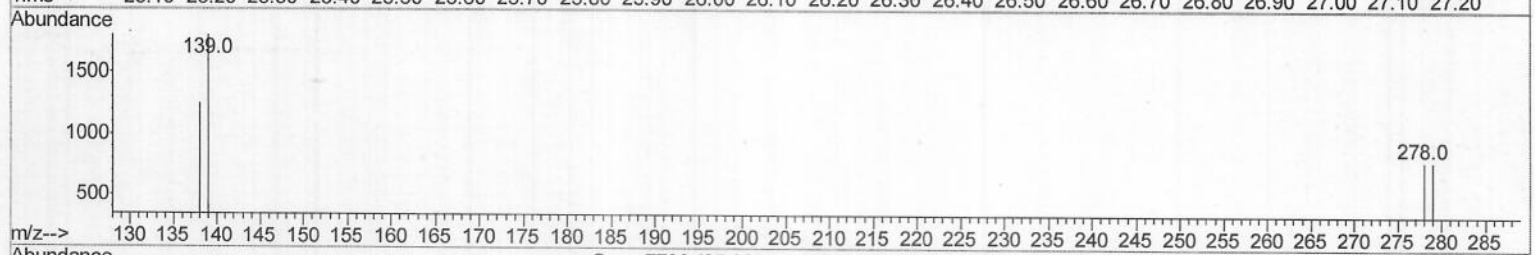
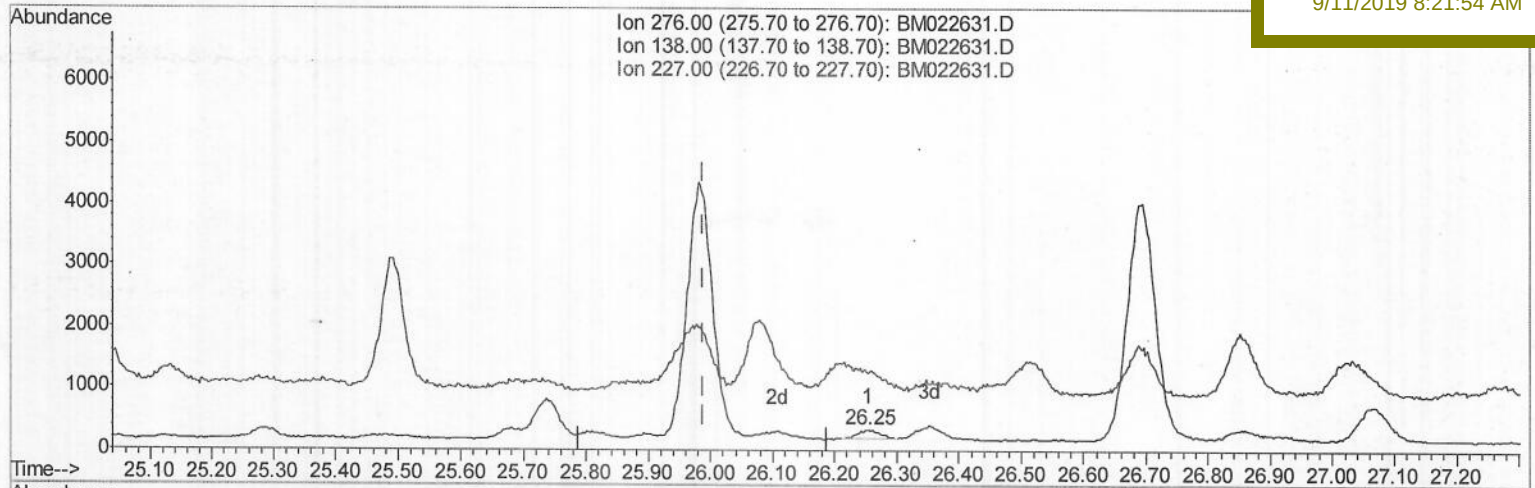
CB5Q6

Manual Integrations

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mohammad

9/11/2019 8:21:54 AM



(24) Indeno(1,2,3-cd)pyrene

26.253min (+0.264) 0.00ng/ul

response 367

Ion	Exp%	Act%
276.00	100	100
138.00	26.40	0.00#
227.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022631.D
Acq On : 10 Sep 2019 22:01
Operator : HP/JU
Sample : K4708-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

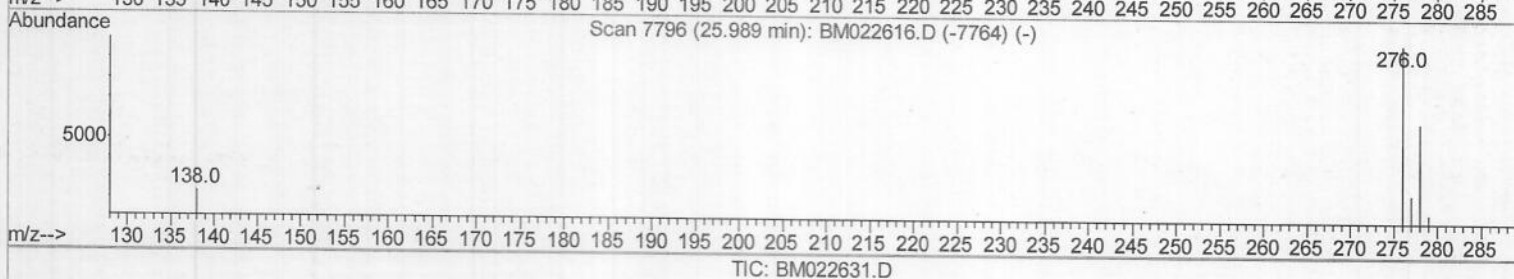
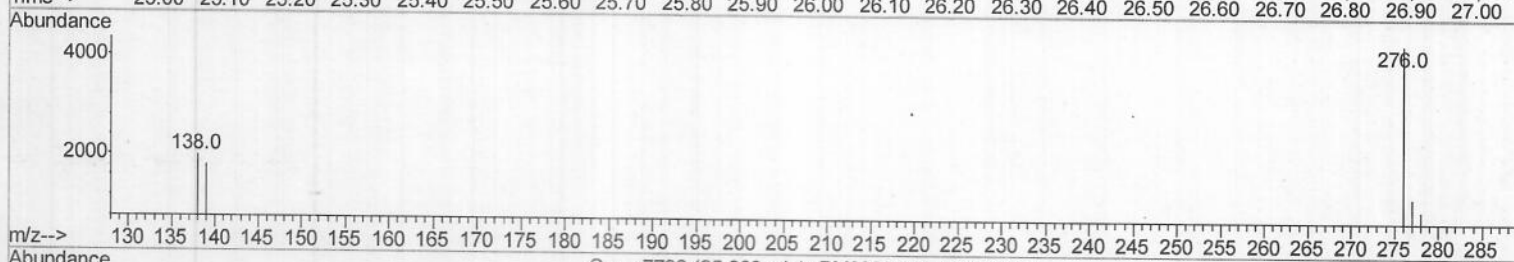
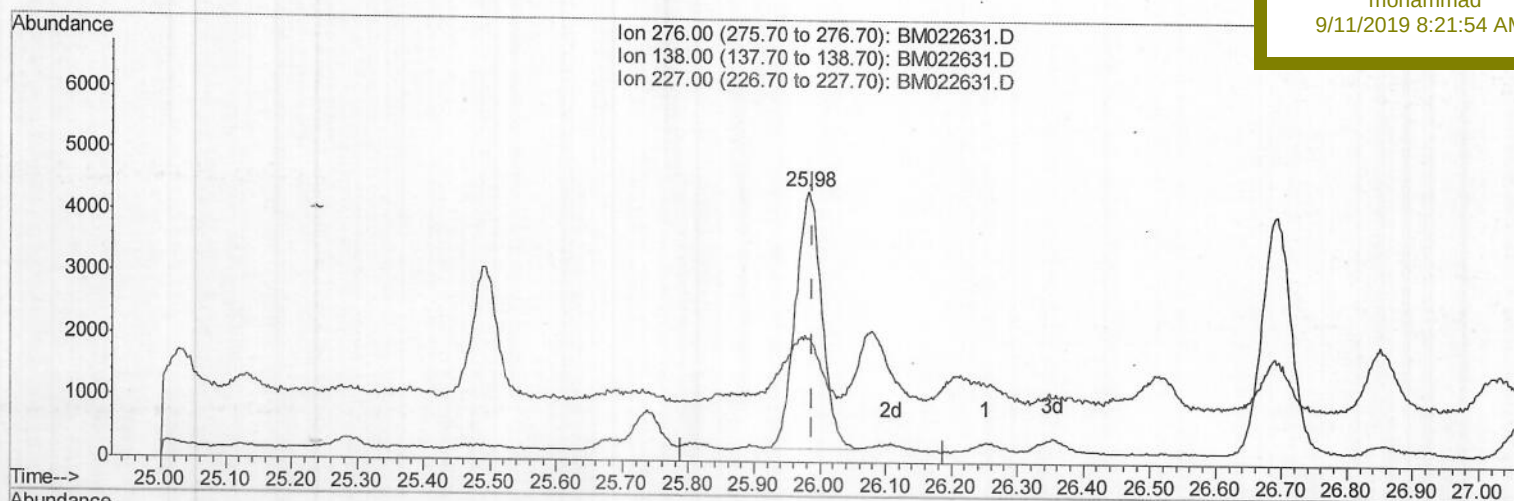
Quant Time: Sep 11 00:08:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

CB5Q6

Manual Integrations
APPROVEDmohammad
9/11/2019 8:21:54 AM

(24) Indeno(1,2,3-cd)pyrene

25.982min (-0.007) 0.05ng/ul m

response 11523

Ion	Exp%	Act%
276.00	100	100
138.00	26.40	0.00#
227.00	0.00	0.00
0.00	0.00	0.00

JU
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

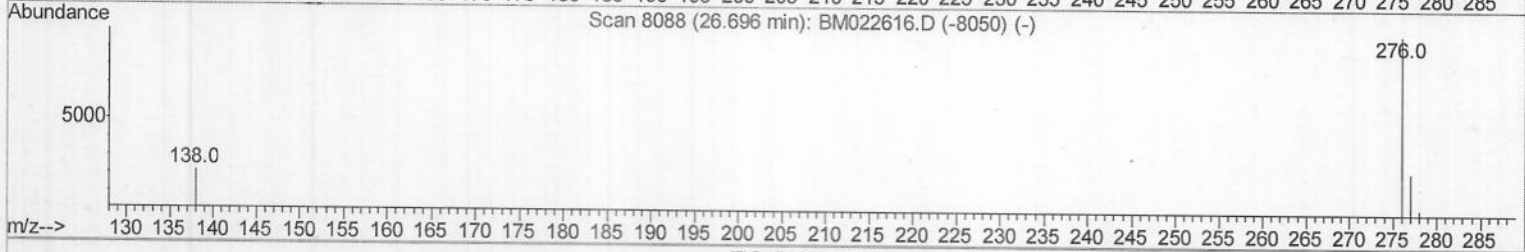
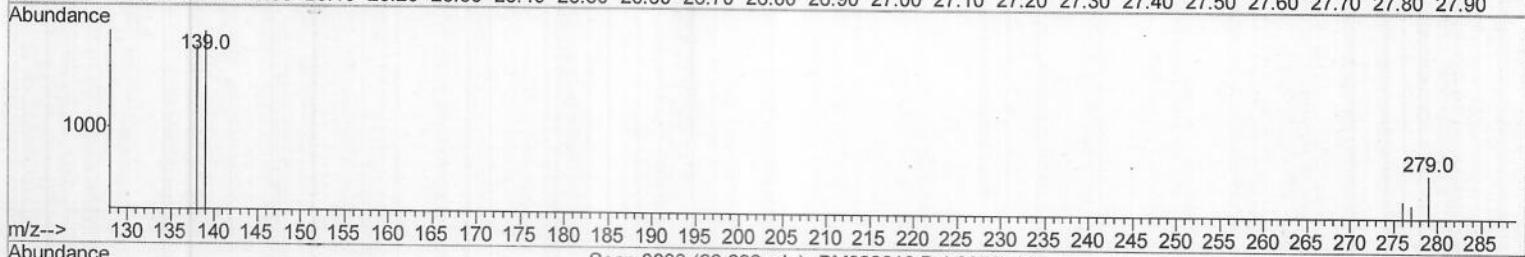
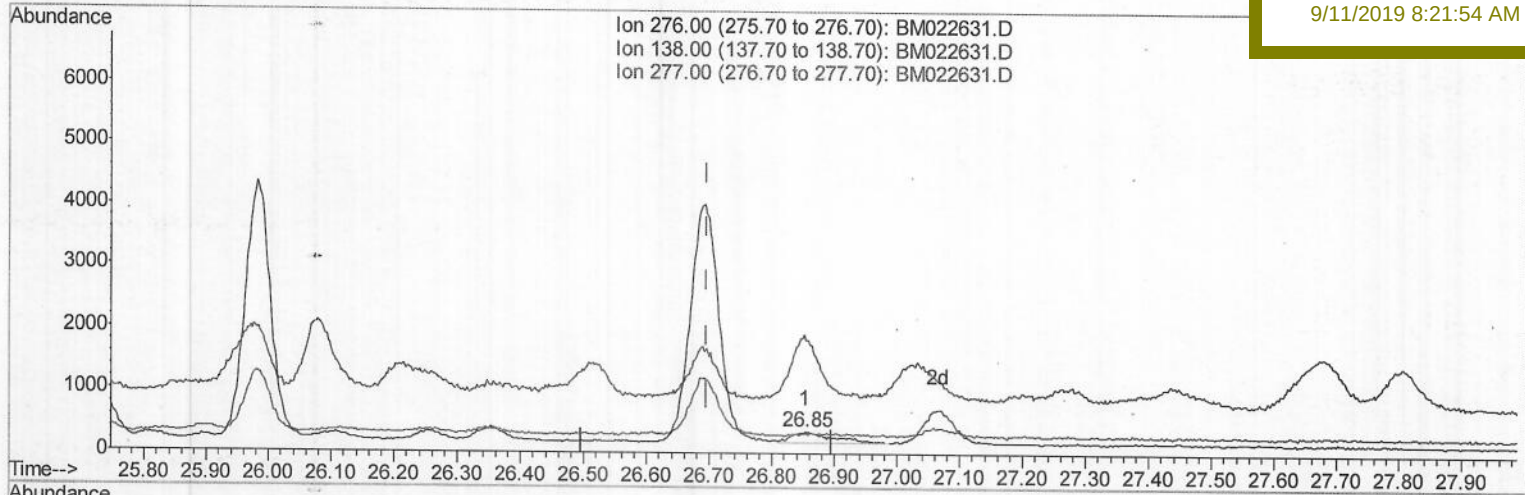
CB5Q6

Manual Integrations

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mohammad

9/11/2019 8:21:54 AM



TIC: BM022631.D

(26) Benzo(g,h,i)perylene

26.854min (+0.157) 0.00ng/ul

response 896

Ion	Exp%	Act%
276.00	100	100
138.00	22.80	507.26#
277.00	24.00	91.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\

Data File : BM022631.D

Acq On : 10 Sep 2019 22:01

Operator : HP/JU

Sample : K4708-09

Misc :

ALS Vial : 19 Sample Multiplier: 1

Quant Time: Sep 11 00:08:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Sep 10 15:06:45 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

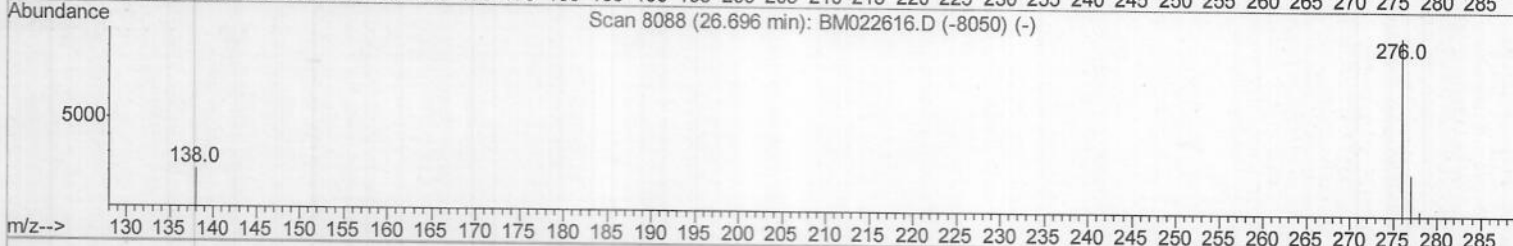
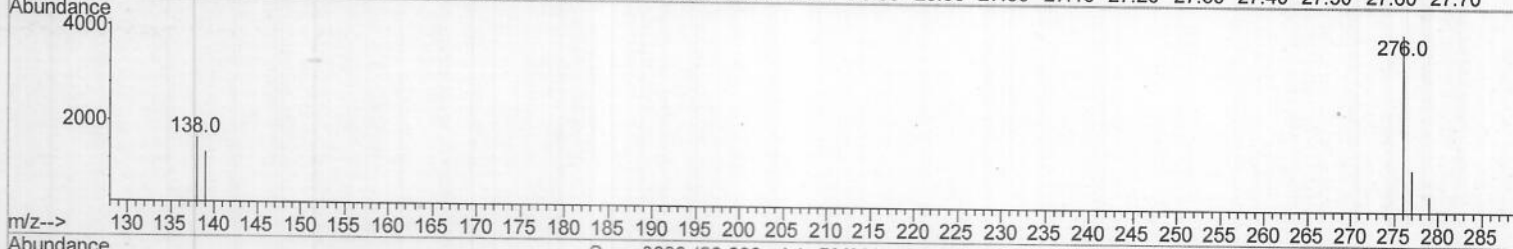
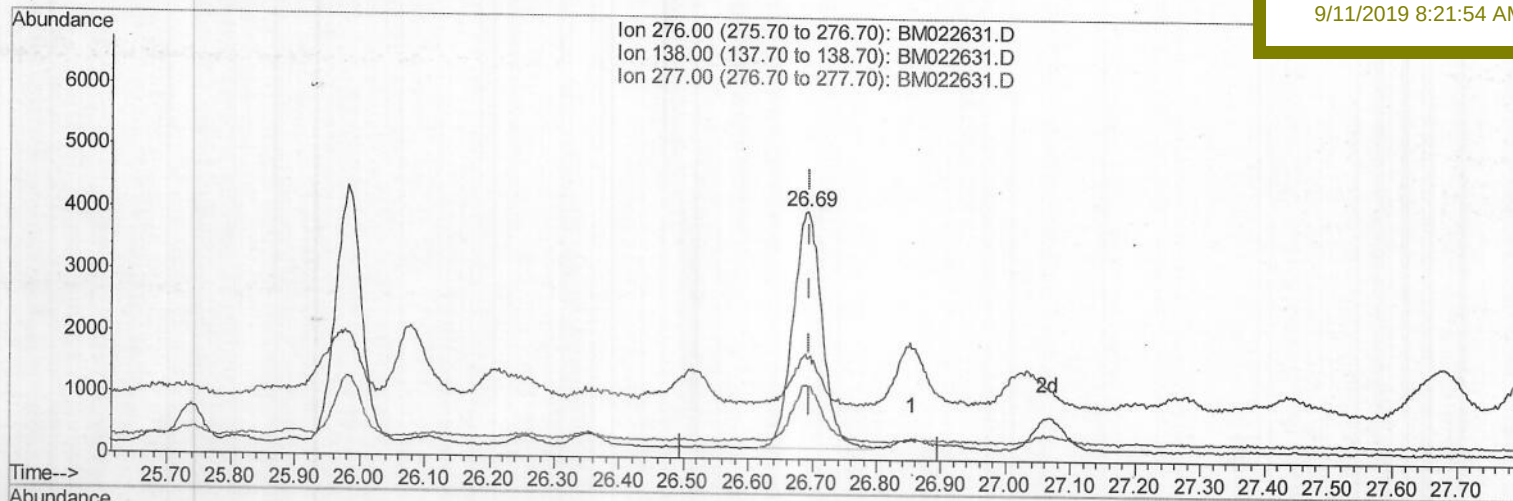
CB5Q6

Manual Integrations

APPROVED

mohammad

9/11/2019 8:21:54 AM



(26) Benzo(g,h,i)perylene

26.694min (-0.002) 0.06ng/ul m

response 12149

Ion	Exp%	Act%
276.00	100	100
138.00	22.80	40.79#
277.00	24.00	29.39#
0.00	0.00	0.00

JU
09/11/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022631.D
 Acq On : 10 Sep 2019 22:01
 Operator : HP/JU
 Sample : K4708-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample Id :
 CB5Q6

Quant Time: Sep 11 00:10:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 9/11/2019 8:21:54 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	15991	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	66848	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	35723	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	74691m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	57274m)	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	53384m)	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.23	152	37590	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	69621m)	0.34	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Dev (Min)	Ovalue
3) Naphthalene	10.69	128	7786	0.041	ng/ul	#	92
5) 2-Methylnaphthalene	12.31	142	3243	0.025	ng/ul		99
12) Phenanthrene	17.25	178	16473m)	0.069	ng/ul		
15) Fluoranthene	19.27	202	33682m)	0.131	ng/ul		
17) Pyrene	19.63	202	29073m)	0.112	ng/ul		
18) Benzo (a) anthracene	21.37	228	13921m)	0.064	ng/ul		
19) Chrysene	21.42	228	17946	0.078	ng/ul		94
21) Benzo (b) fluoranthene	22.98	252	22707m)	0.098	ng/ul		
22) Benzo (k) fluoranthene	23.02	252	9492m)	0.040	ng/ul		
23) Benzo (a) pyrene	23.57	252	14079m)	0.069	ng/ul		
24) Indeno (1,2,3-cd) pyrene	25.98	276	11523m)	0.047	ng/ul		
26) Benzo (a,h,i) perylene	26.69	276	12149m)	0.062	ng/ul		

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