

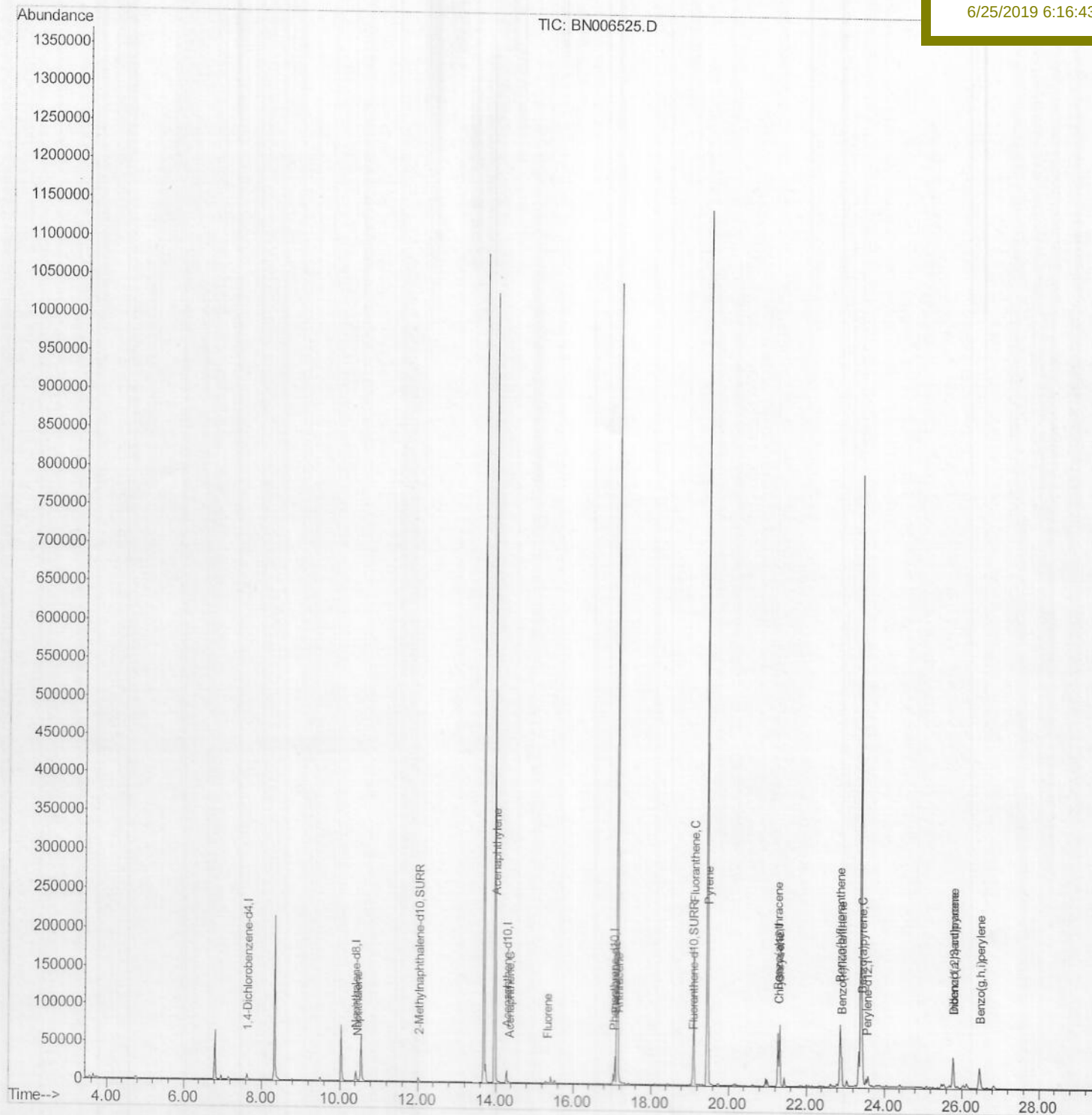
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006525.D
Acq On : 24 Jun 2019 11:30
Operator : HP/JU
Sample : K3360-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:55:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:13:07 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sample Id :
A4202

Manual Integrations
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mohammad
6/25/2019 6:16:43 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:43:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

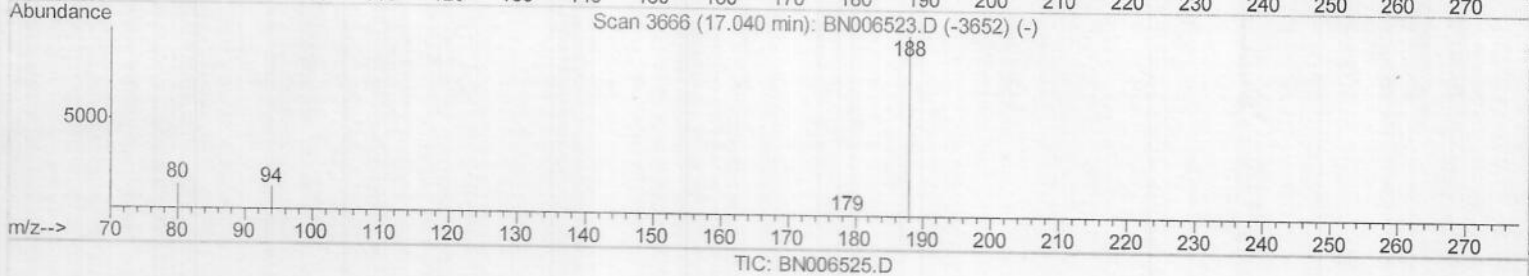
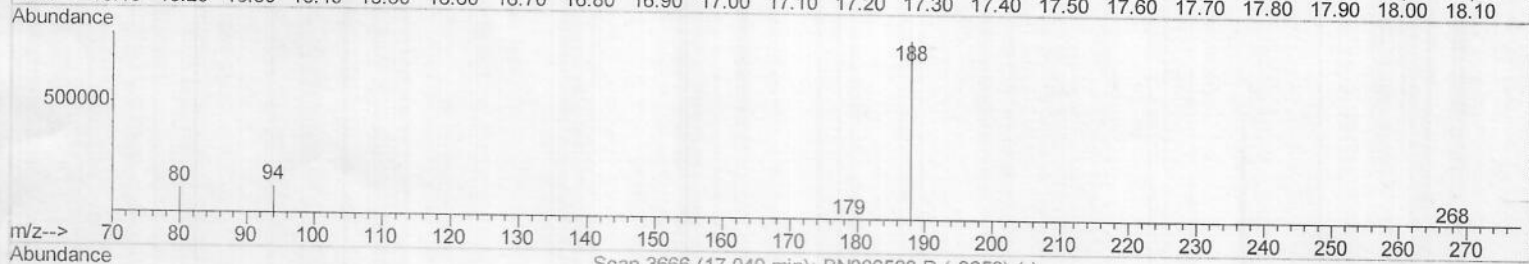
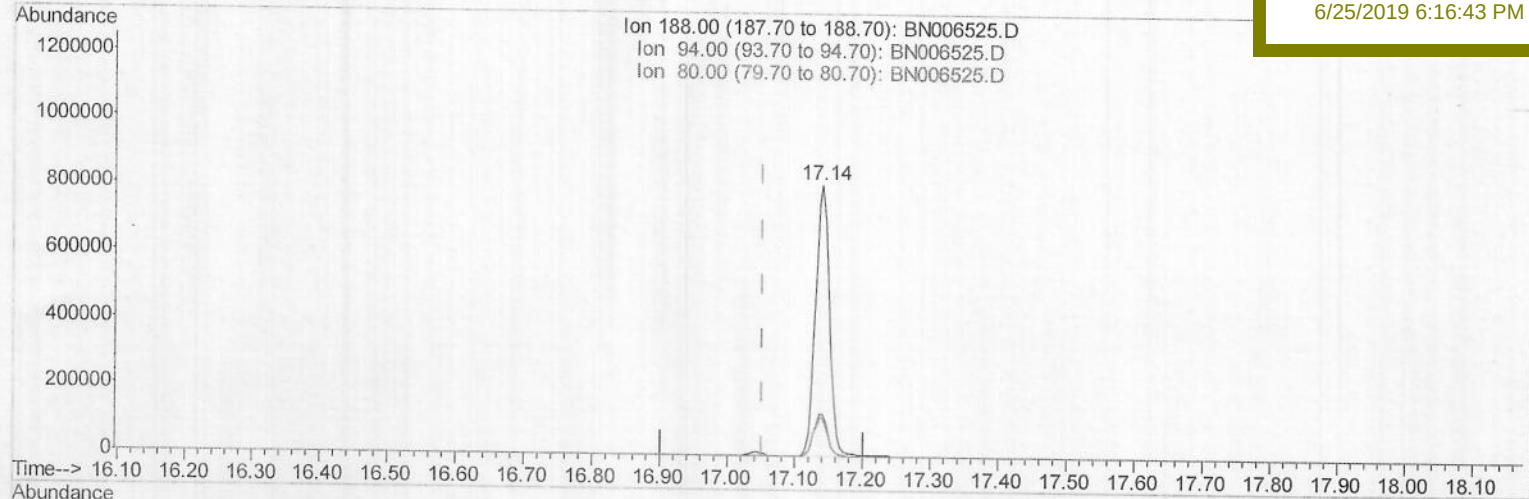
A4202

Manual Integrations

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6/25/2019 6:16:43 PM



(10) Phenanthrene-d10 (I)

17.141min (+0.089) 0.40ng/ul

response 1151013

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.38
80.00	13.60	13.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:43:11 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

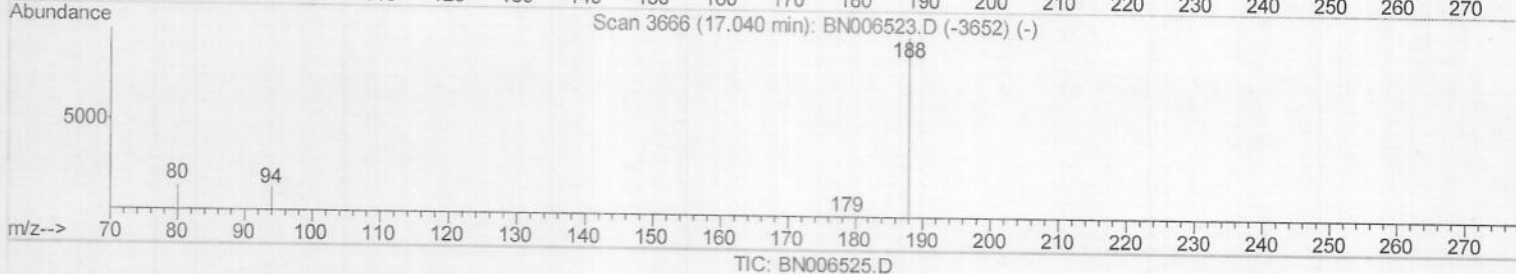
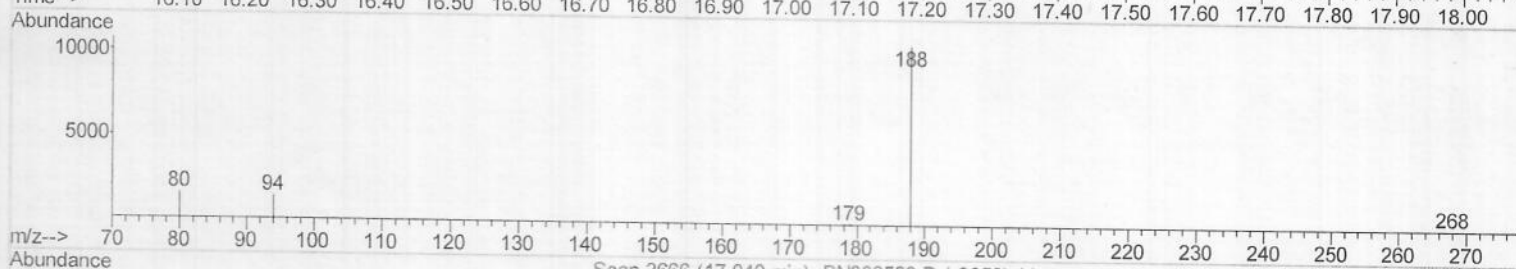
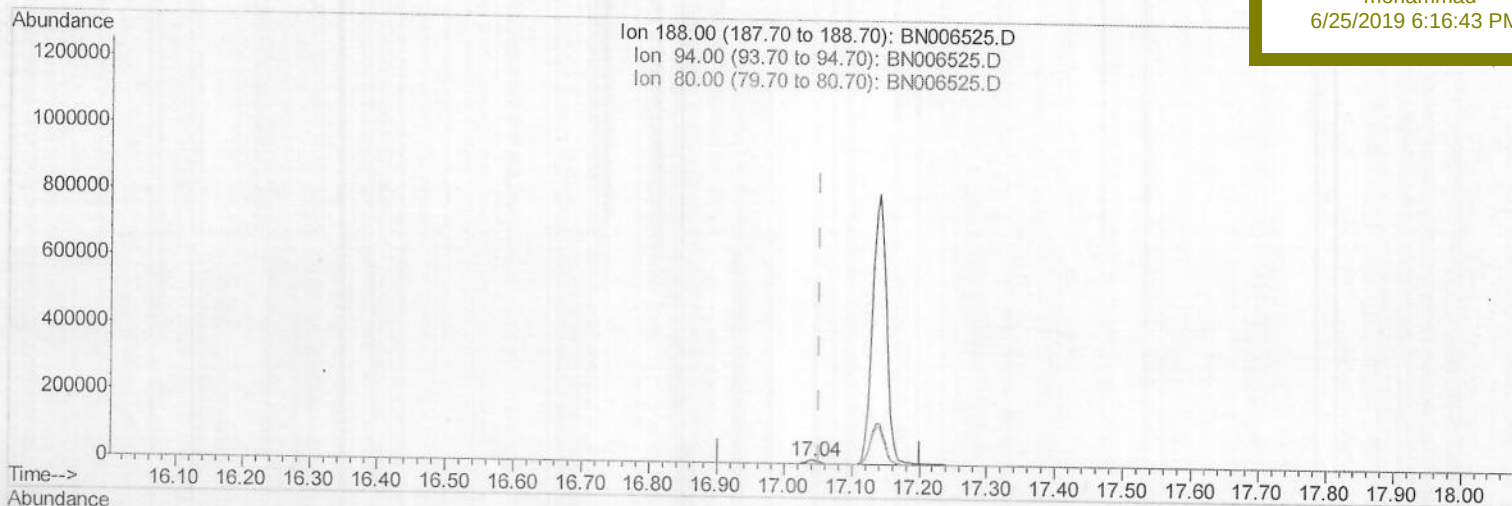
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

TIC: BN006525.D

(10) Phenanthrene-d10 (I)

17.044min (-0.009) 0.40ng/ul m

JU 06/26/19

response 15156

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.21
80.00	13.60	14.61
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:50:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

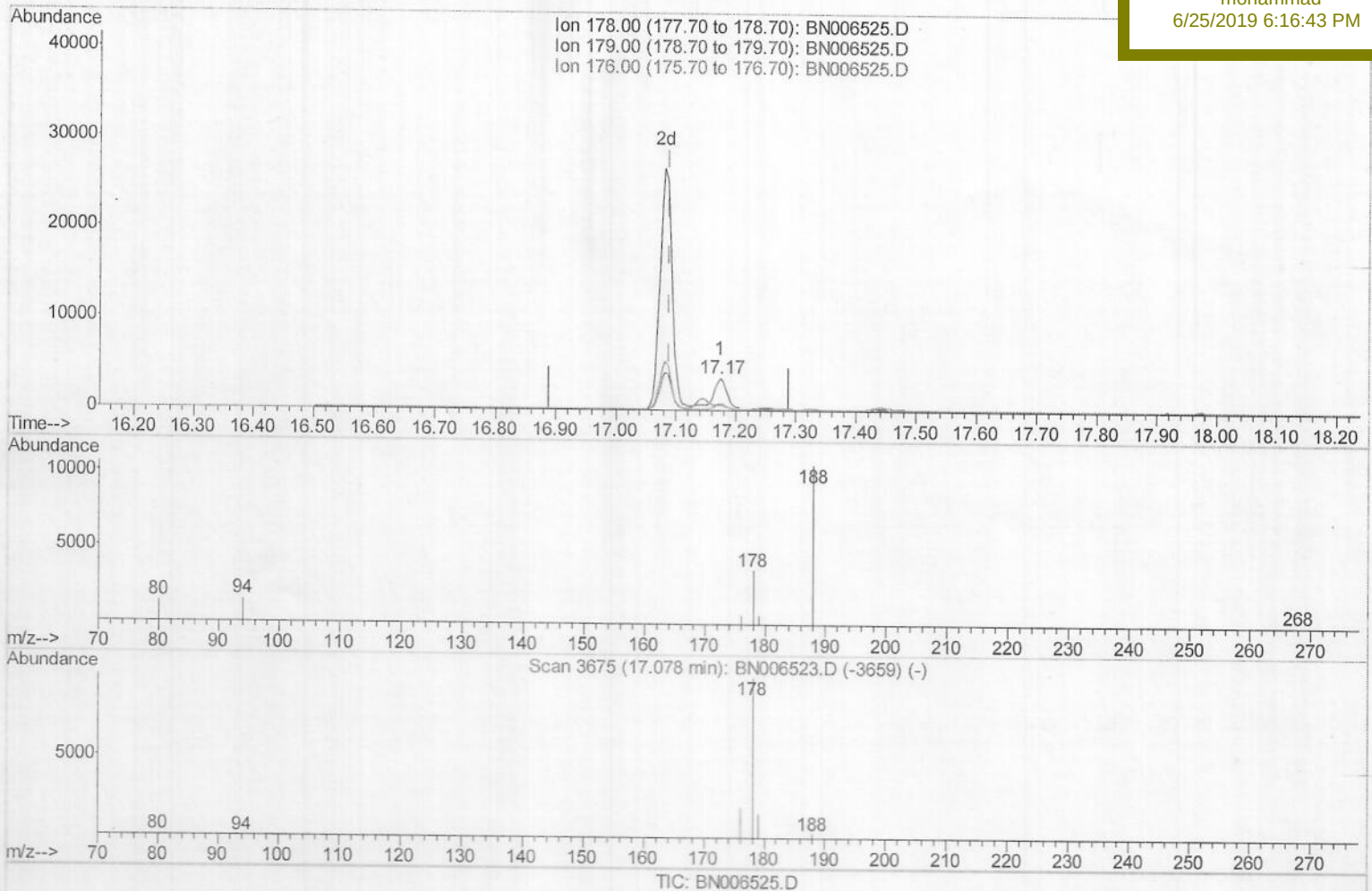
ClientSampleId :

A4202

Manual Integrations
APPROVED

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(12) Phenanthrene

17.175min (+0.084) 0.10ng/ul

response 4816

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.47
176.00	19.10	20.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:50:37 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

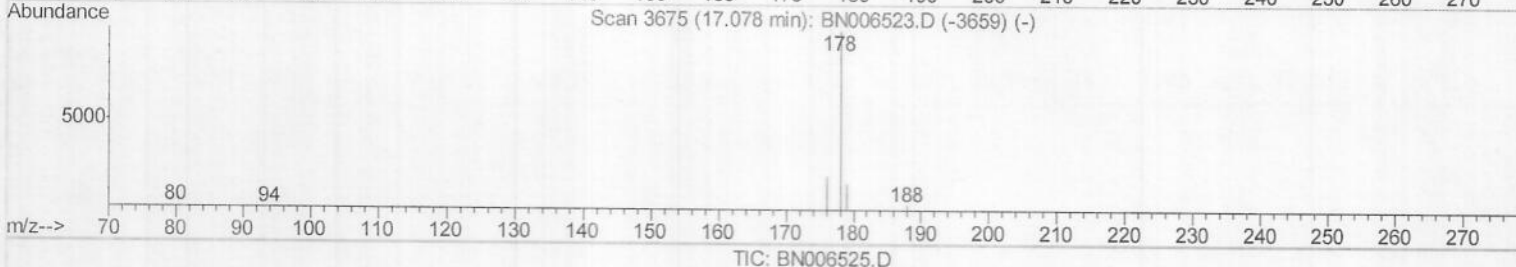
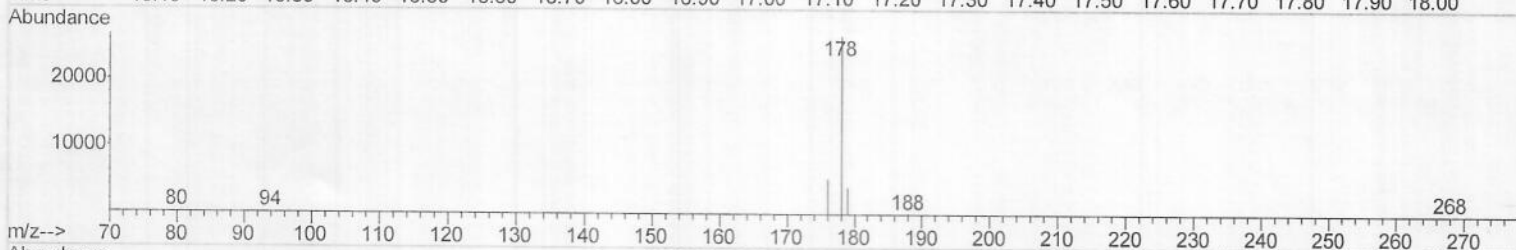
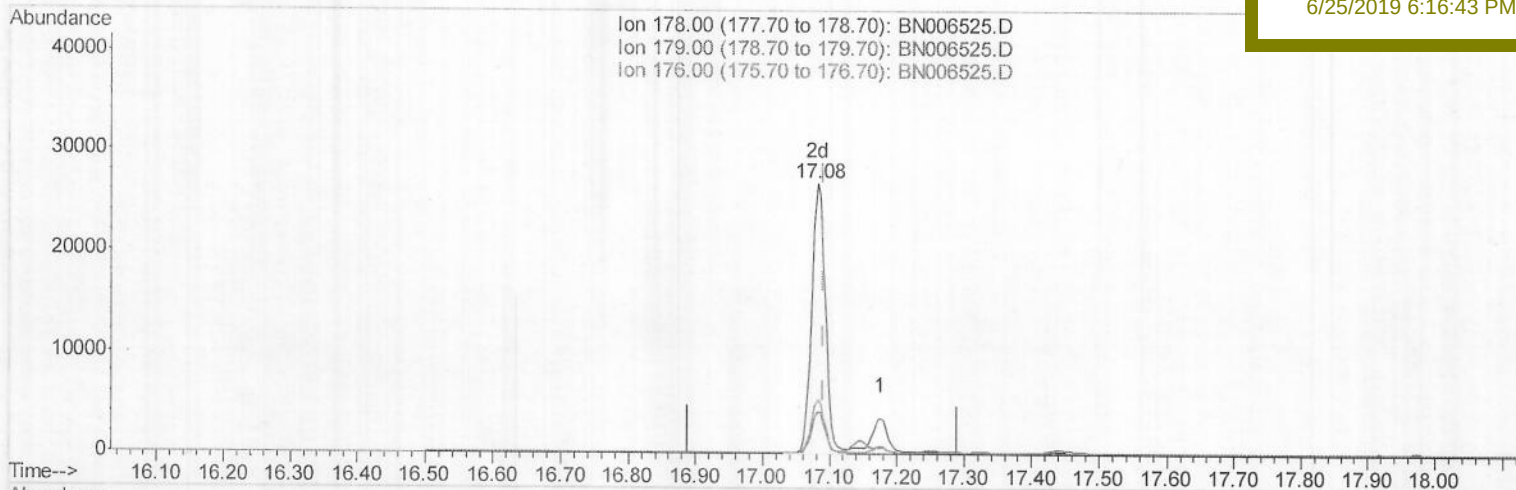
A4202

Manual Integrations

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(12) Phenanthrene

17.082min (-0.009) 0.78ng/ul m

> JU 06/26/19

response 37734

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.42
176.00	19.10	19.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

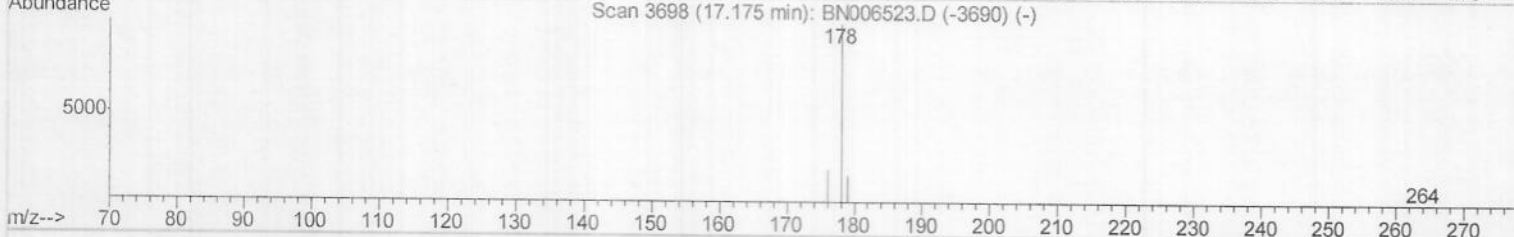
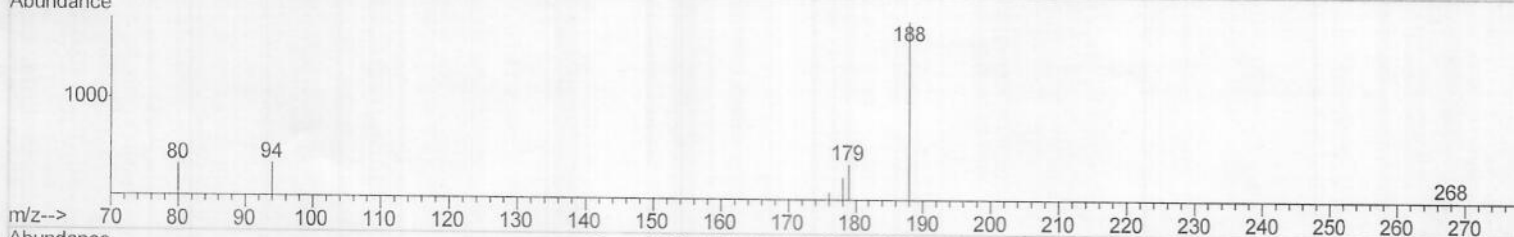
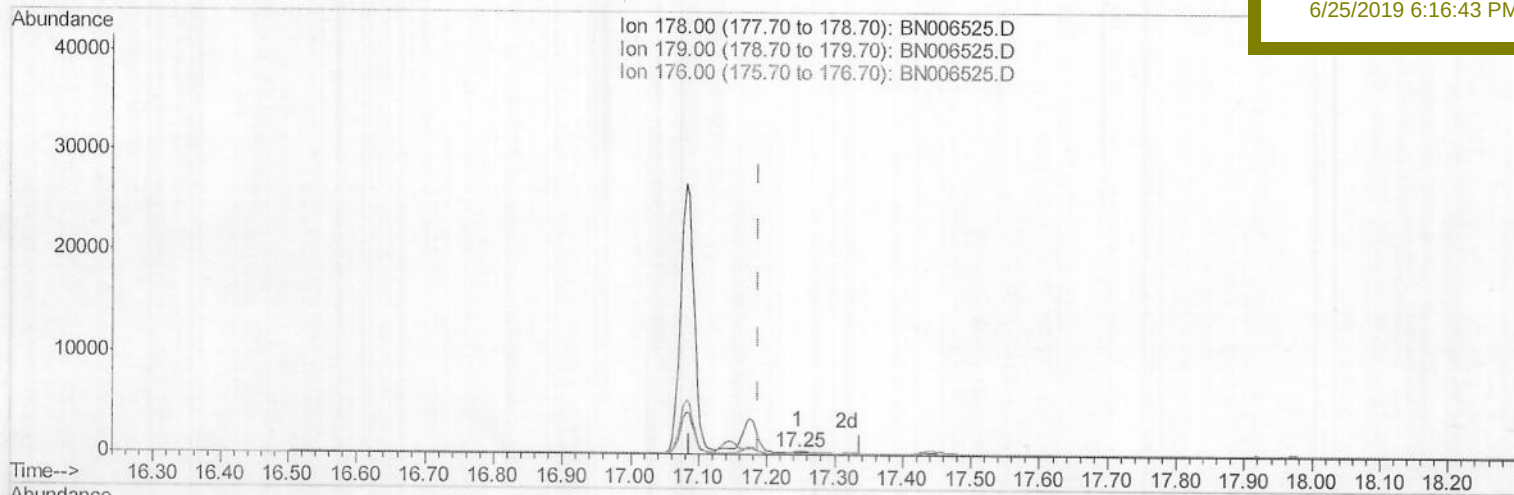
A4202

Manual Integrations

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TIC: BN006525.D

(13) Anthracene

17.246min (+0.059) 0.00ng/ul

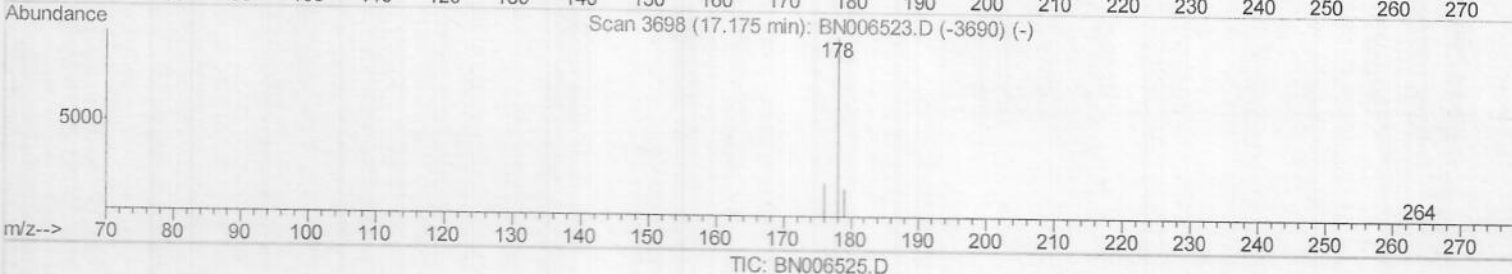
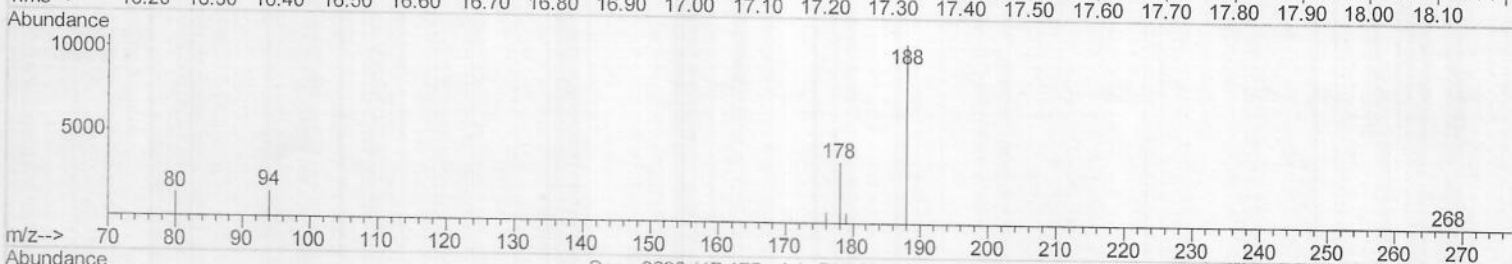
response 181

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	145.69#
176.00	18.90	42.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Response via : Initial Calibration

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0.00	0.00	0.00
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

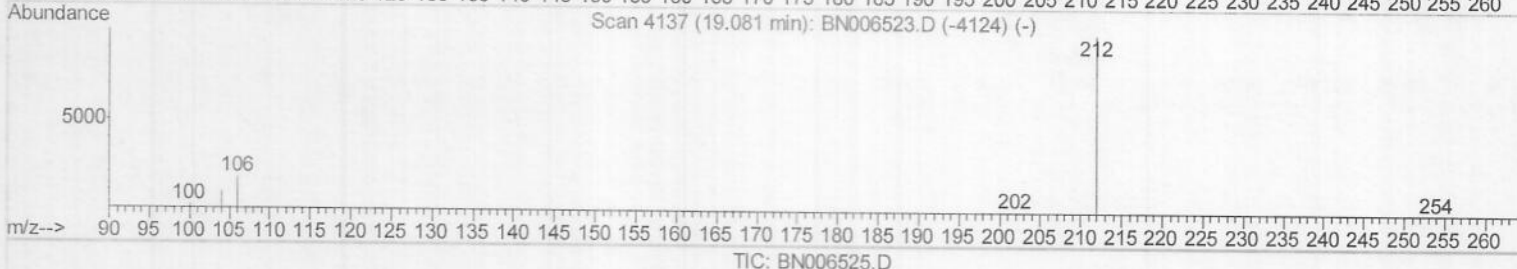
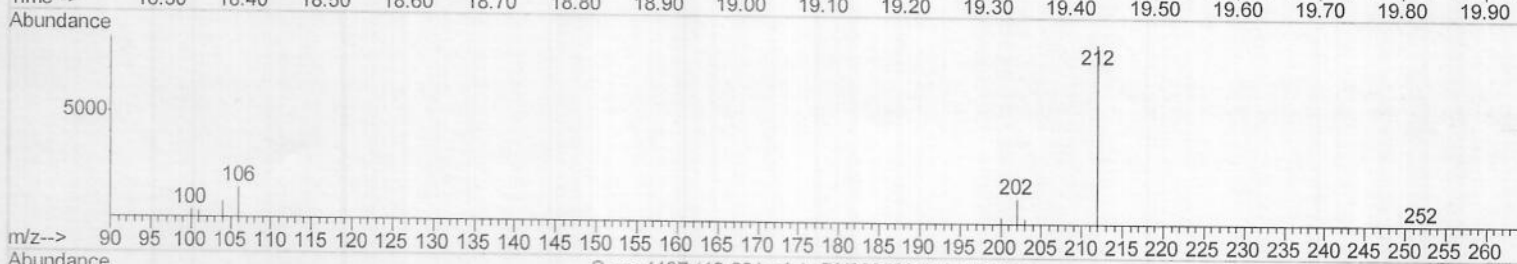
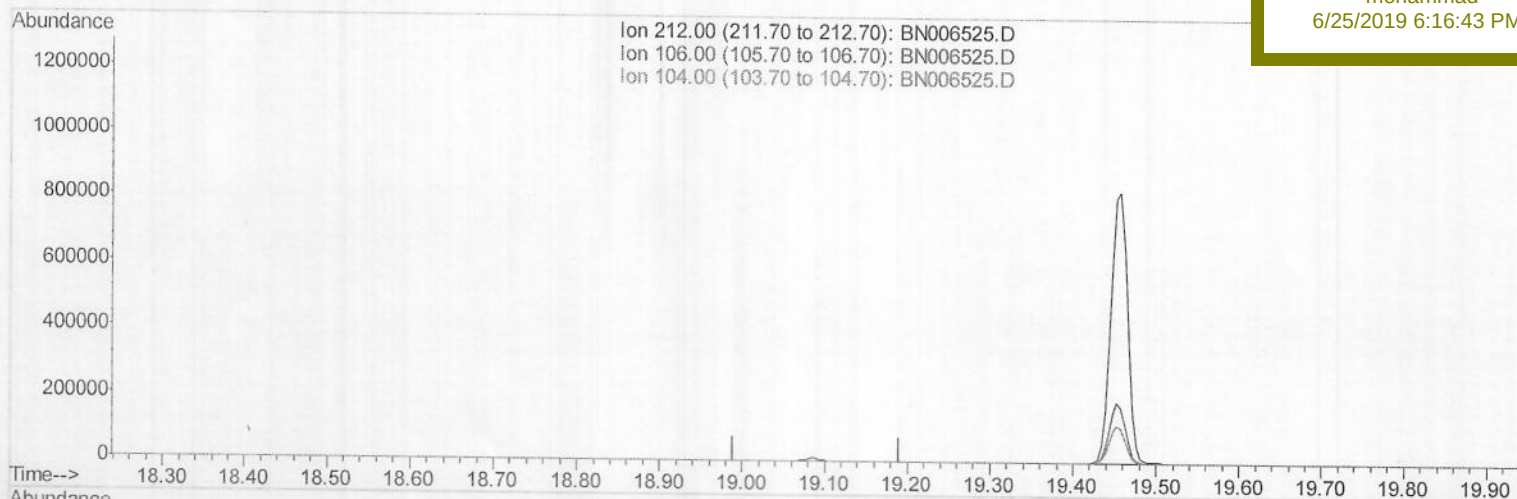
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

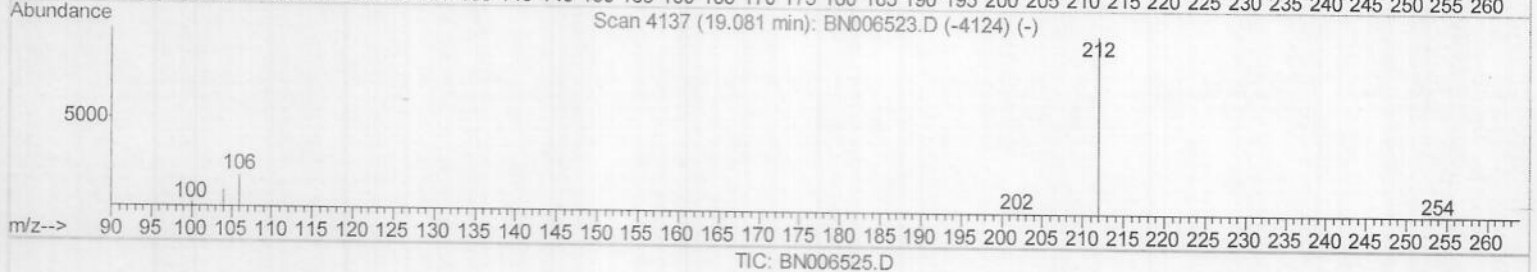
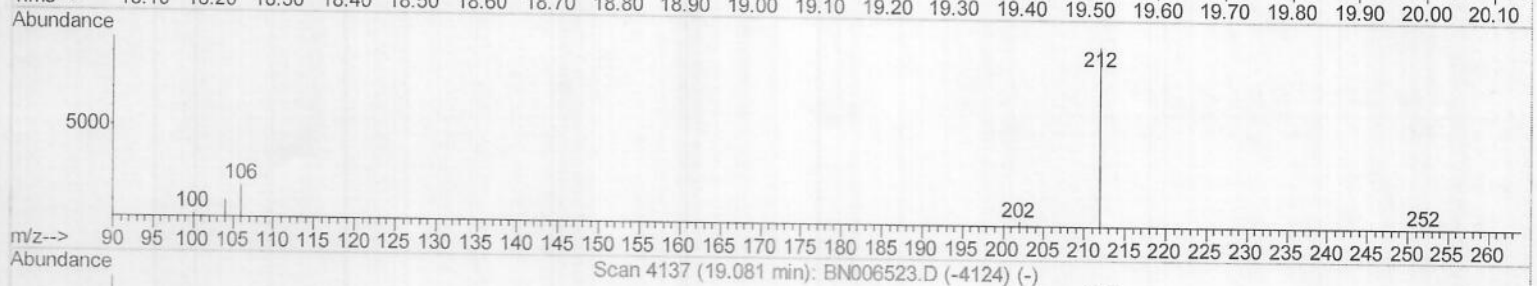
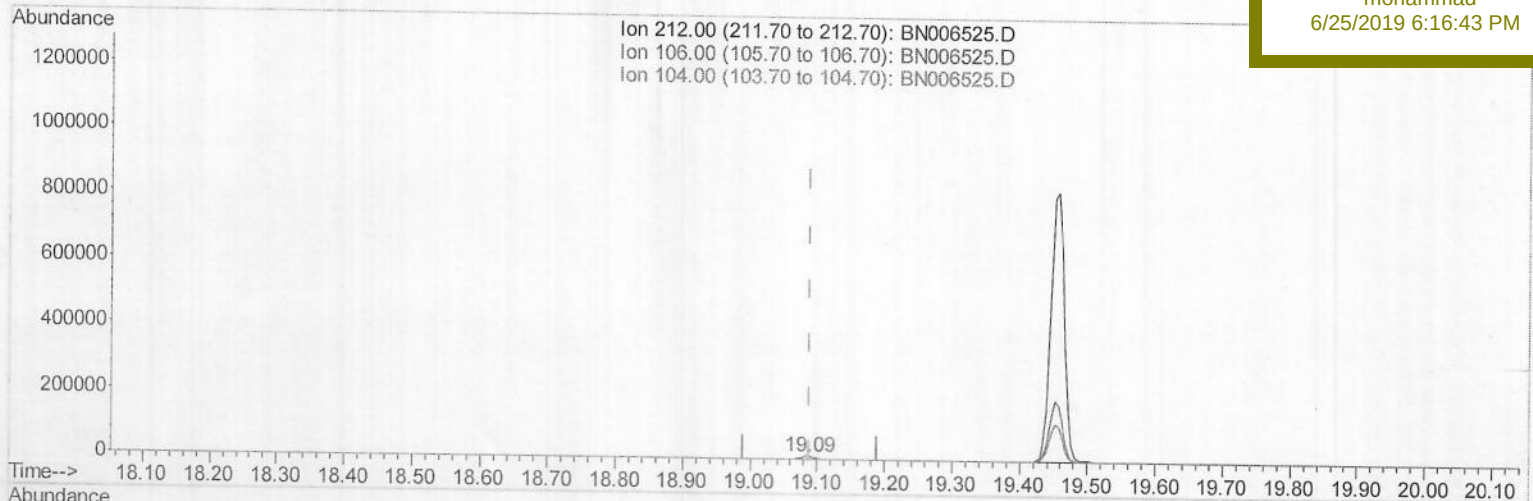
ClientSampleId :

A4202

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.085min (-0.005) 0.33ng/ul m

> JU 06/26/19

response 13460

Ion	Exp%	Act%
212.00	100	100
106.00	18.10	0.00#
104.00	9.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

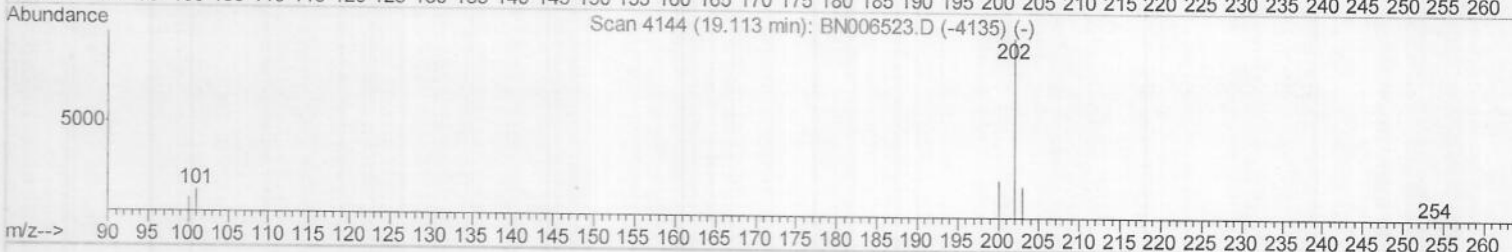
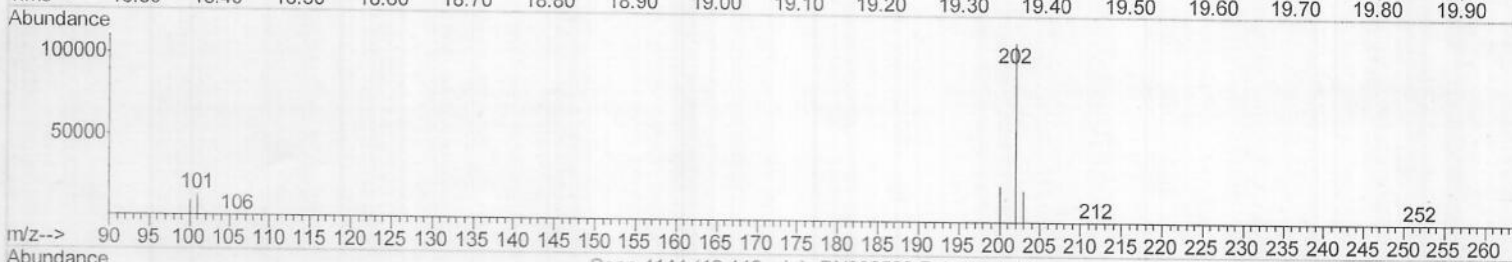
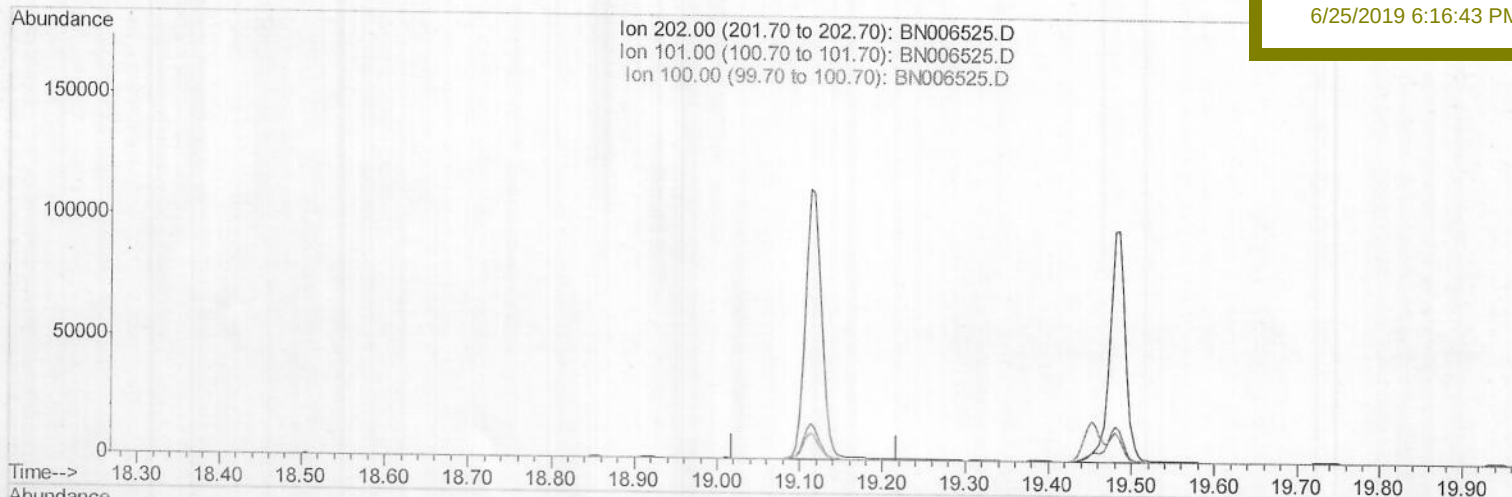
A4202

Manual Integrations

APPROVED

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6/25/2019 6:16:43 PM



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	12.10	0.00
100.00	8.70	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

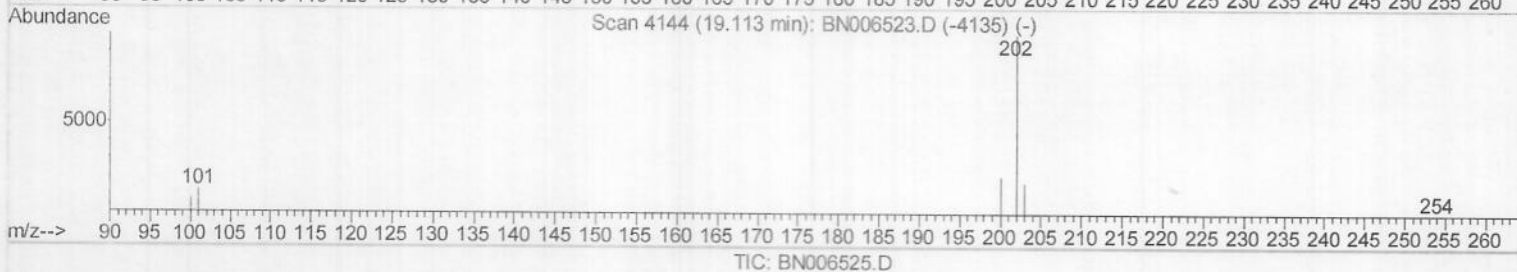
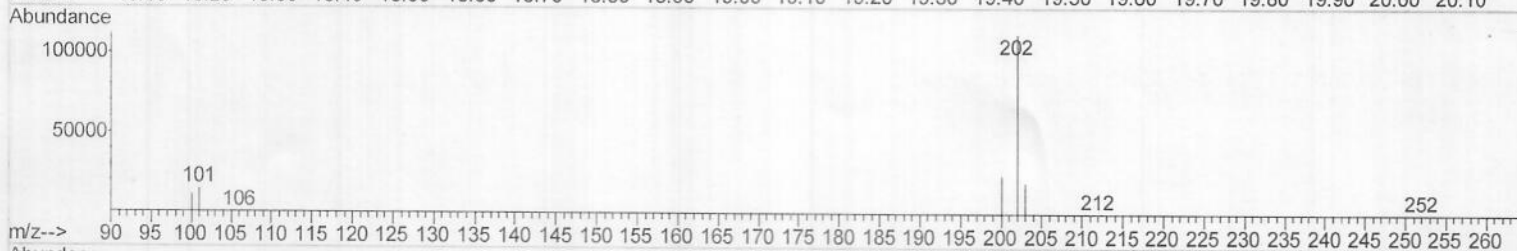
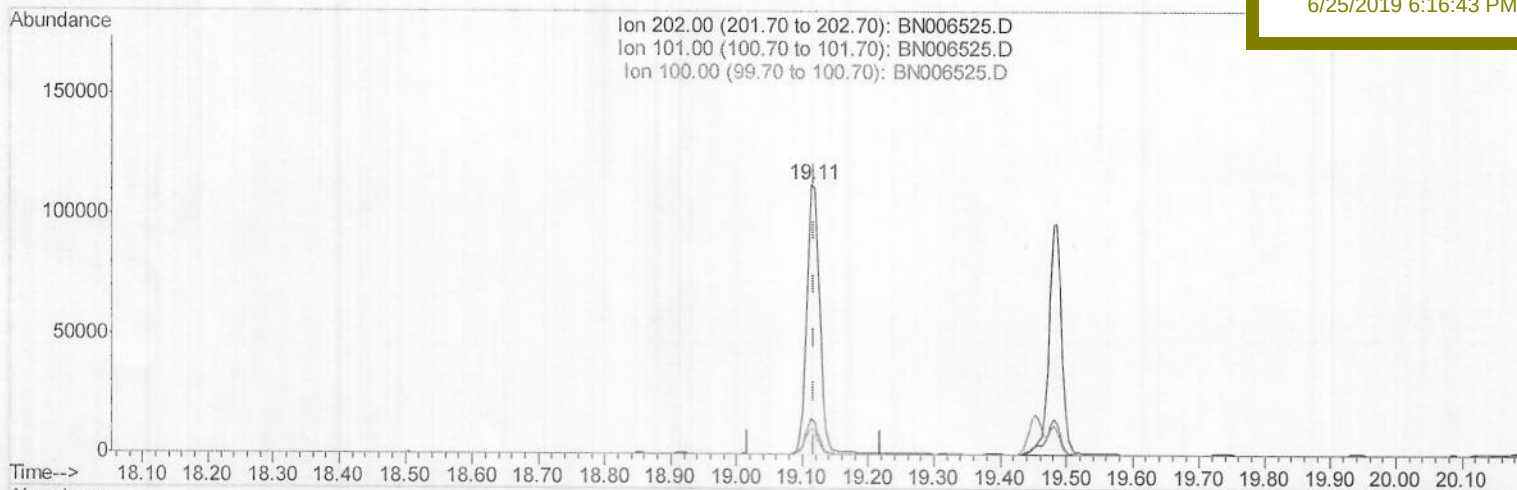
A4202

Manual Integrations

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6/25/2019 6:16:43 PM



(15) Fluoranthene (C)

19.113min (-0.005) 2.90ng/ul m

> JU 06/26/19

response 155730

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.30
100.00	8.70	9.67
0.00	0.00	0.00

Quantitation Report (Qedit)

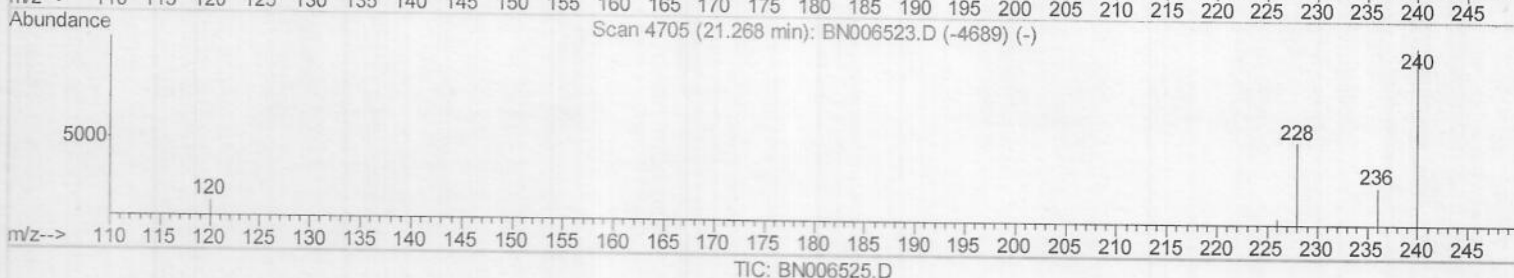
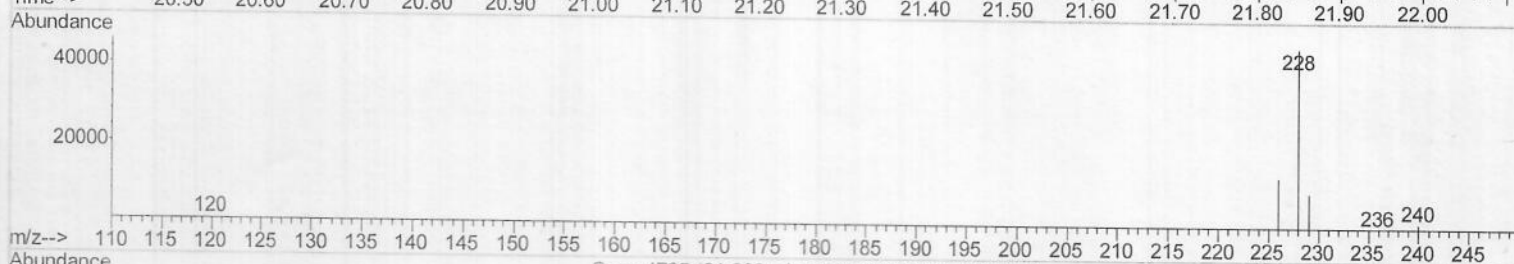
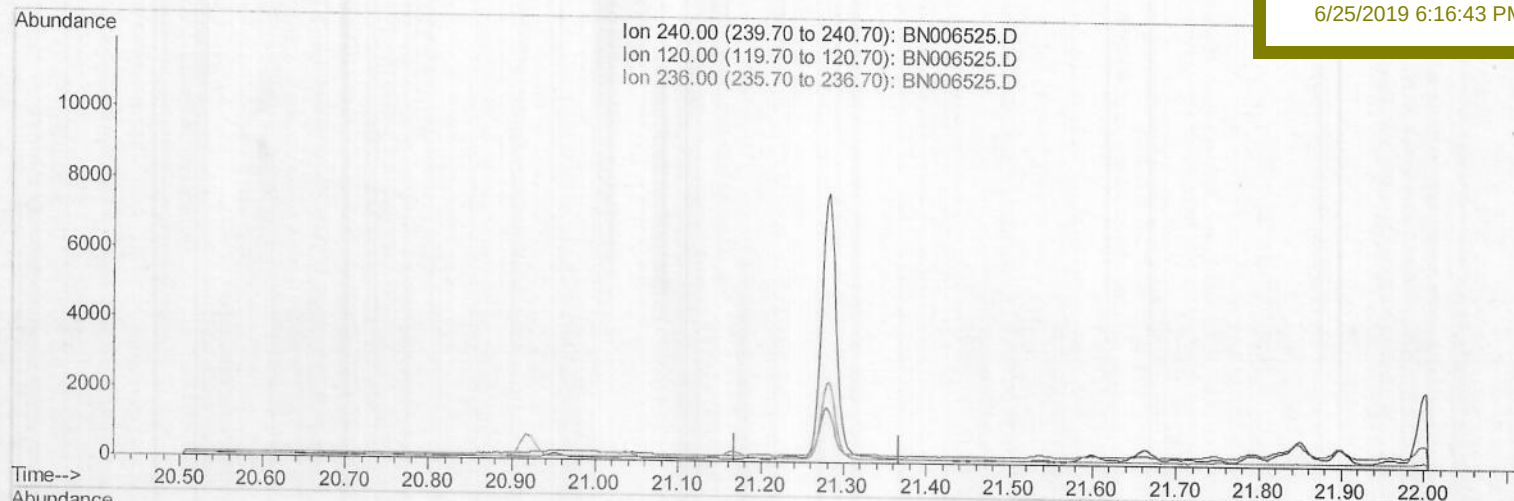
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006525.D
 Acq On : 24 Jun 2019 11:30
 Operator : HP/JU
 Sample : K3360-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
ClientSampleId :
 A4202

Manual Integrations
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 6/25/2019 6:16:43 PM



(16) Chrysene-d12 (I)

21.268min (-21.268) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.10	0.00#
236.00	30.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:51:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

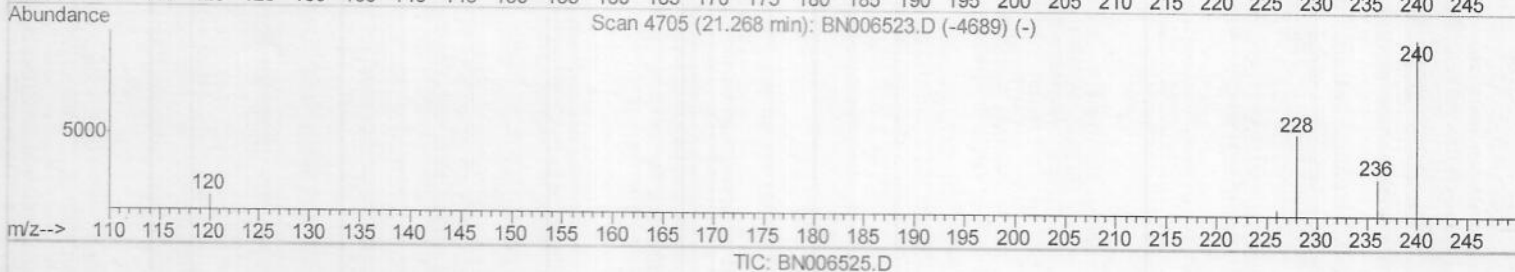
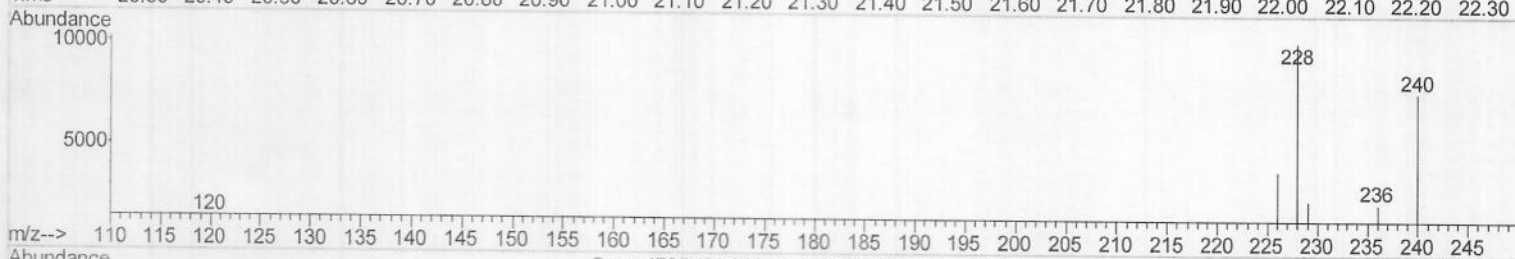
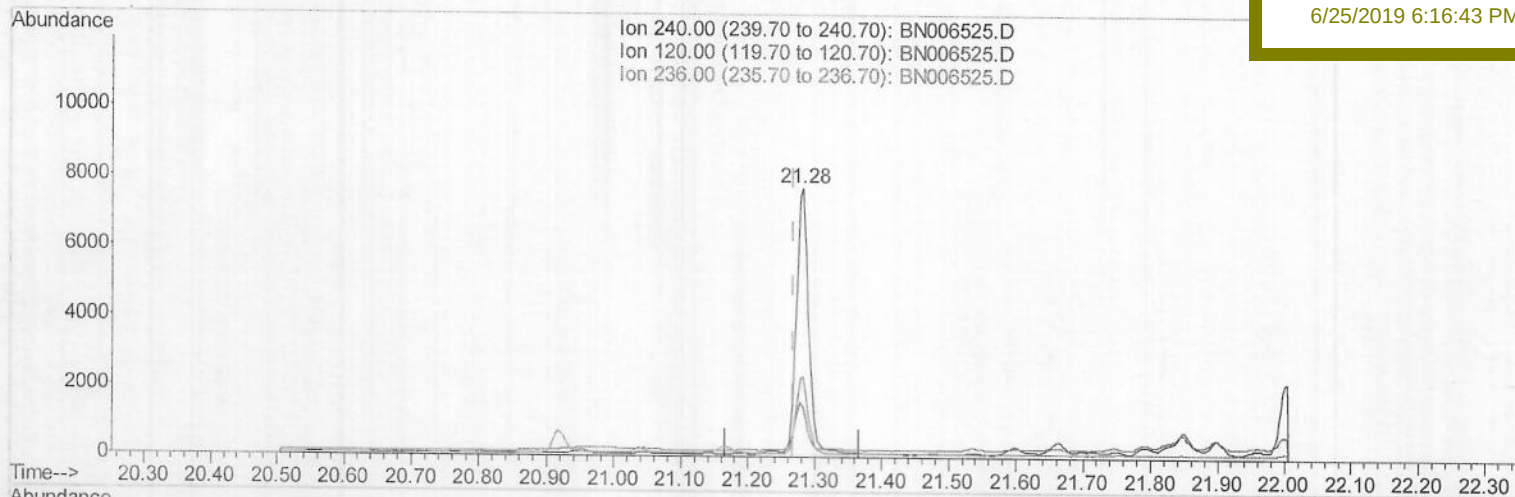
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(16) Chrysene-d12 (I)

21.282min (+0.013) 0.40ng/ul m

response 9892

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	18.85
236.00	30.10	30.02
0.00	0.00	0.00

> JU 06/26/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:52:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

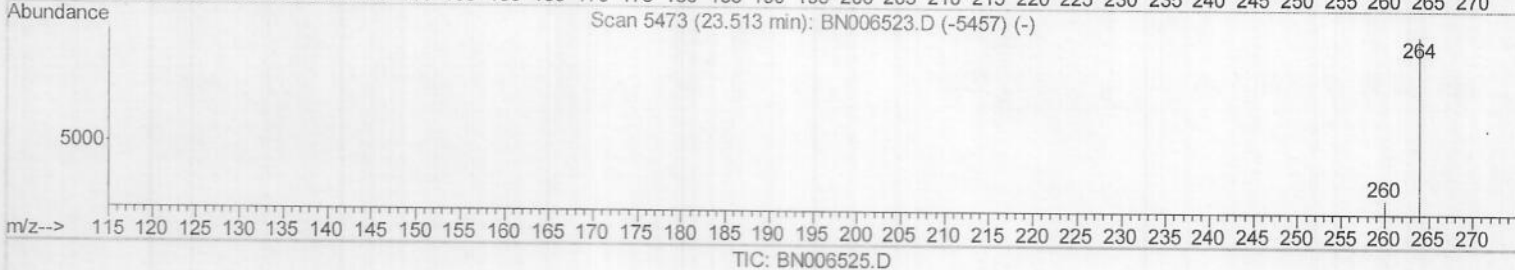
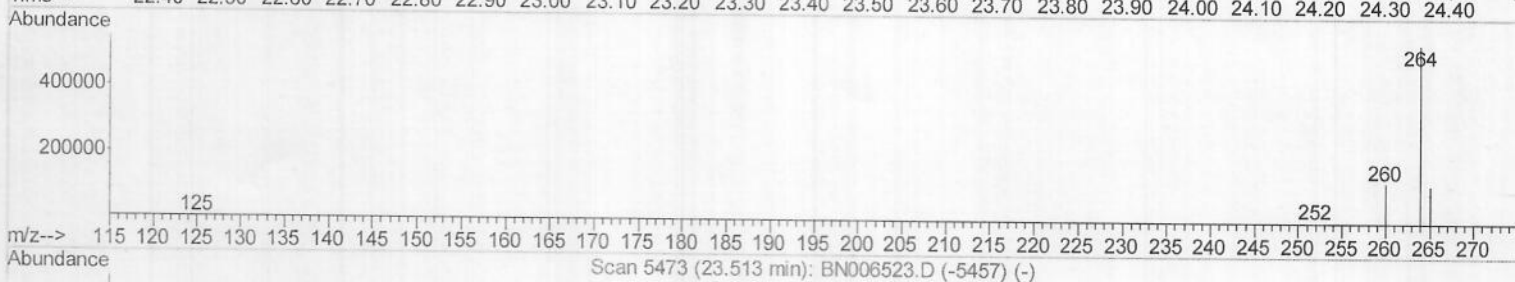
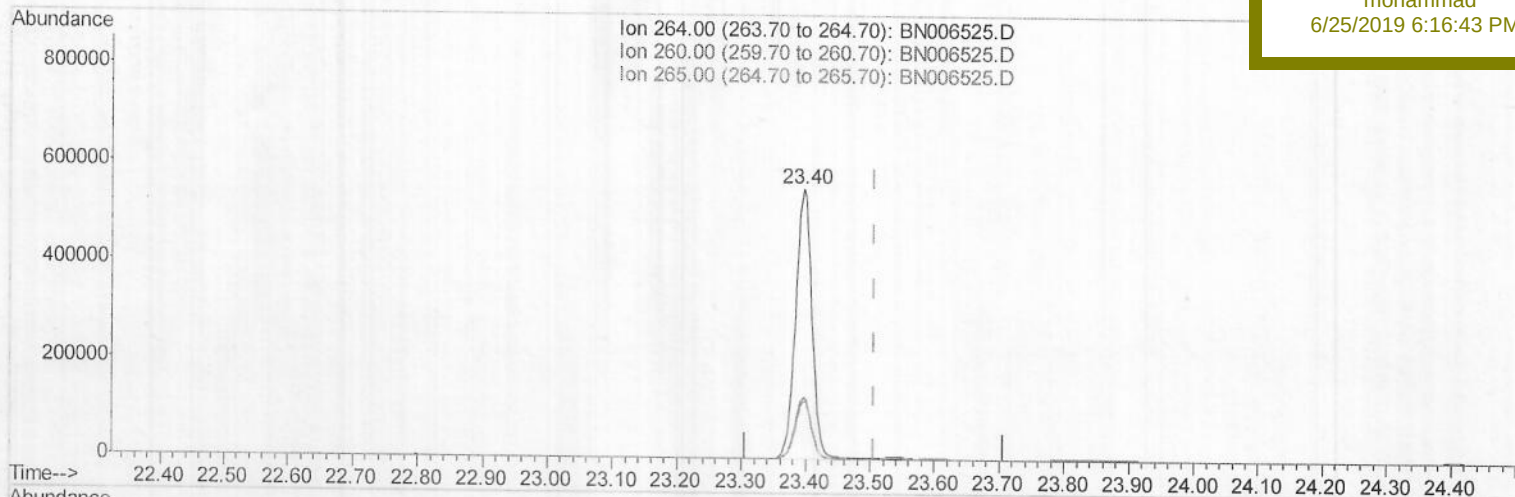
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(20) Perylene-d12 (I)

23.398min (-0.109) 0.40ng/ul

response 978335

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.61#
265.00	44.70	21.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:52:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

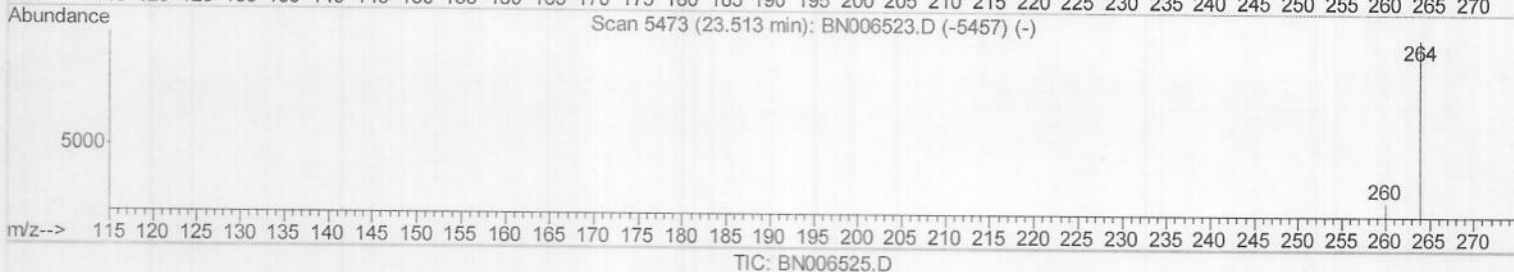
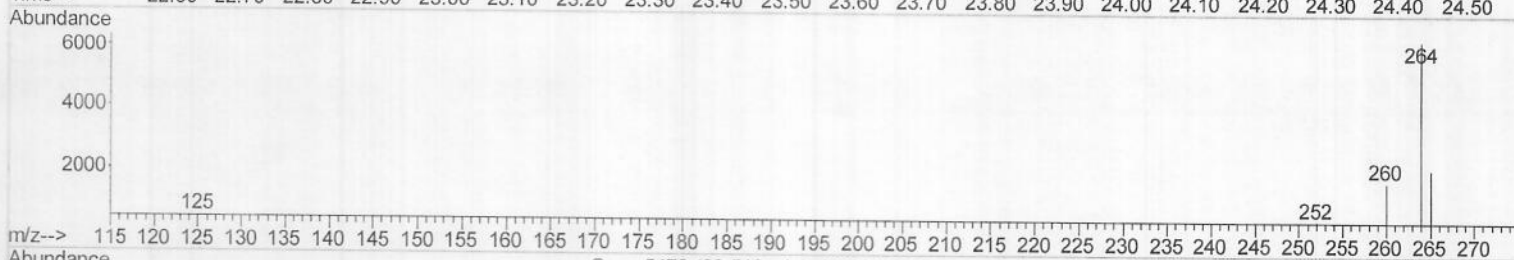
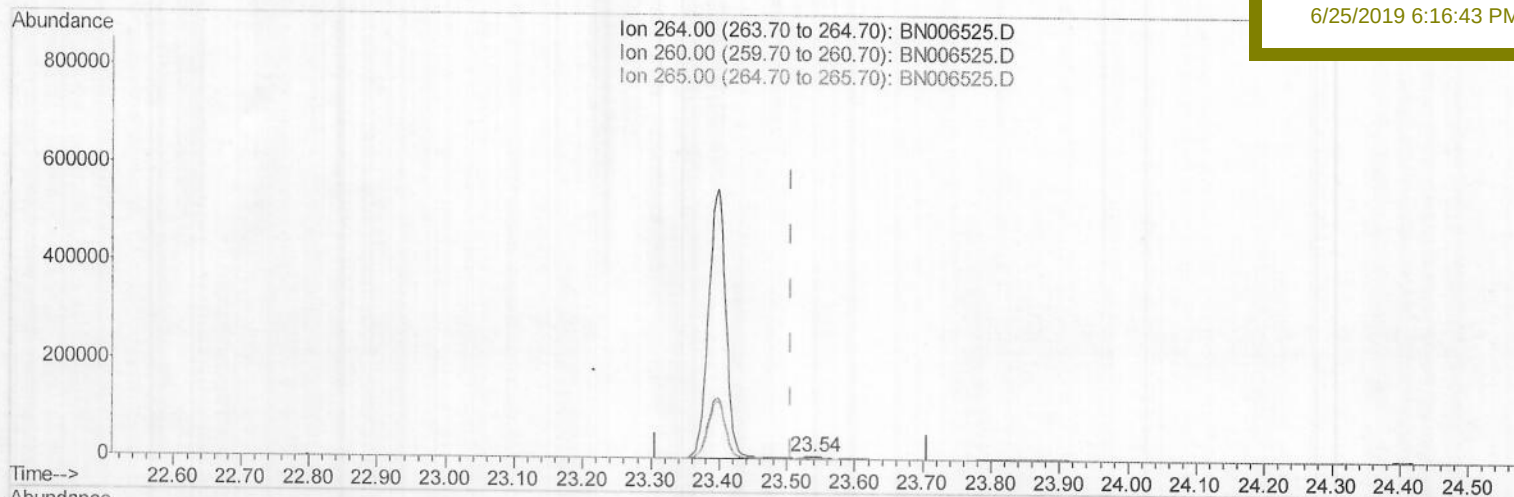
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(20) Perylene-d12 (I)

23.538min (+0.031) 0.40ng/ul m

> JU 06/26/19

response 9074

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.19
265.00	44.70	33.99#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

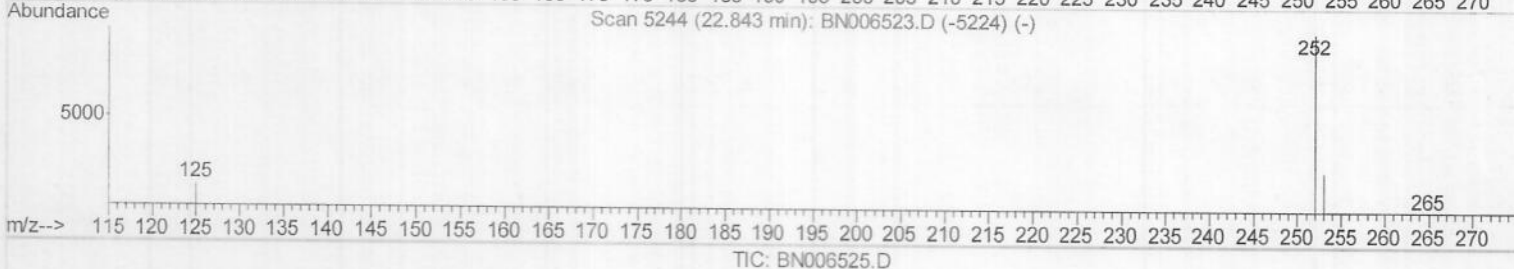
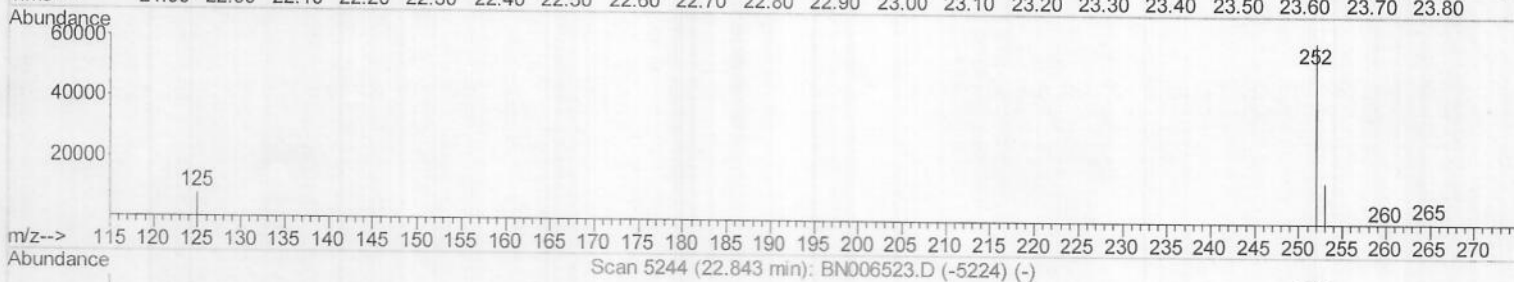
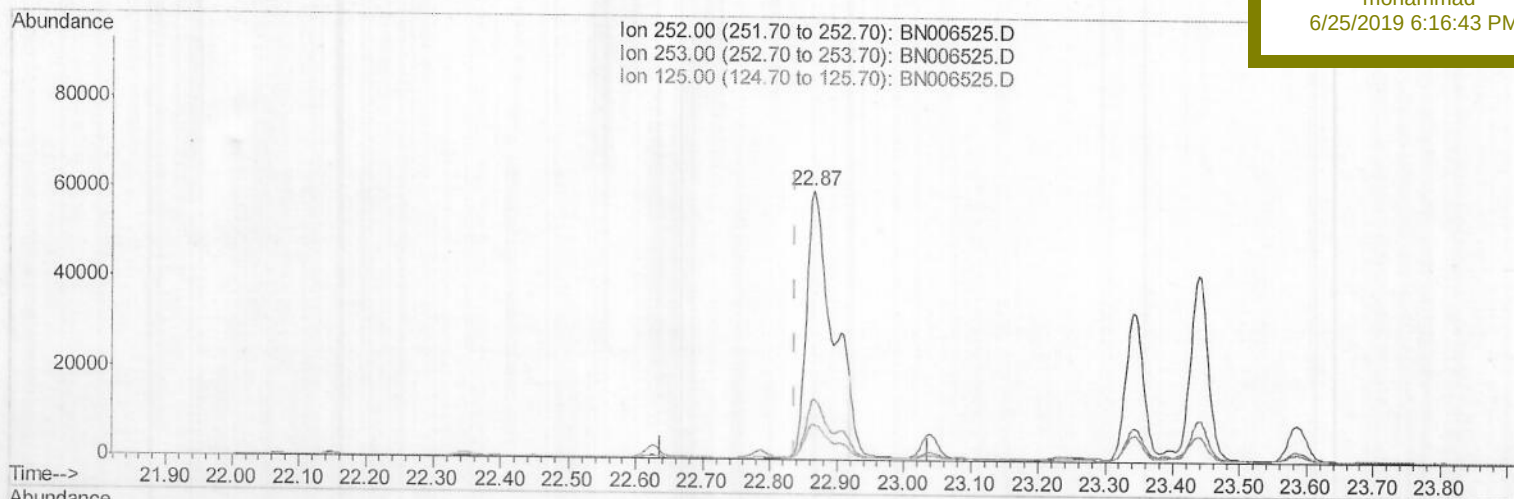
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(21) Benzo(b)fluoranthene

22.865min (+0.028) 4.19ng/ul

response 158535

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.78
125.00	20.50	13.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

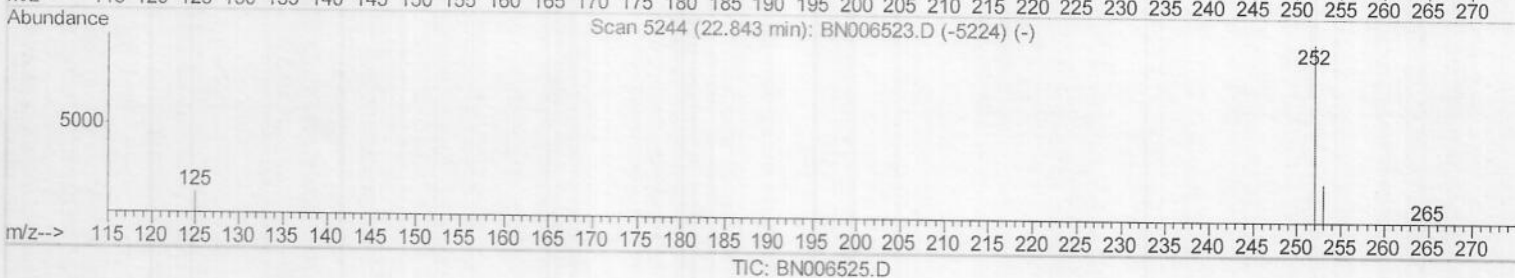
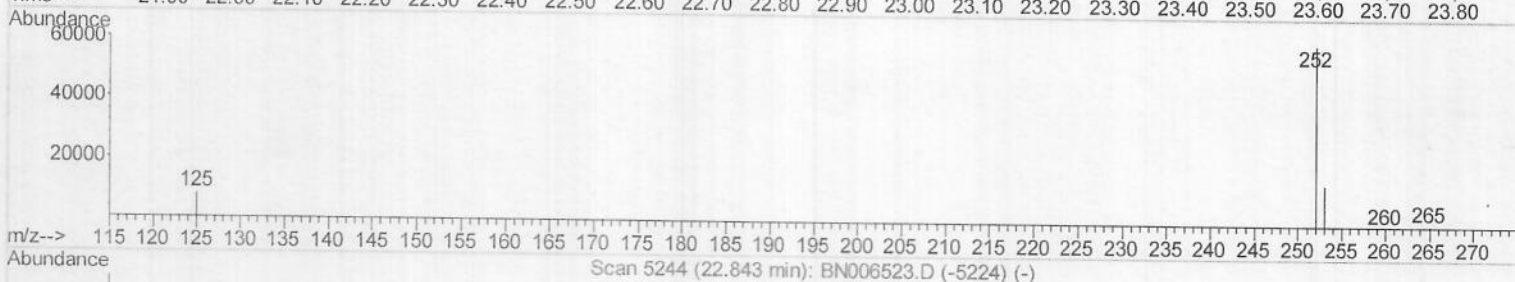
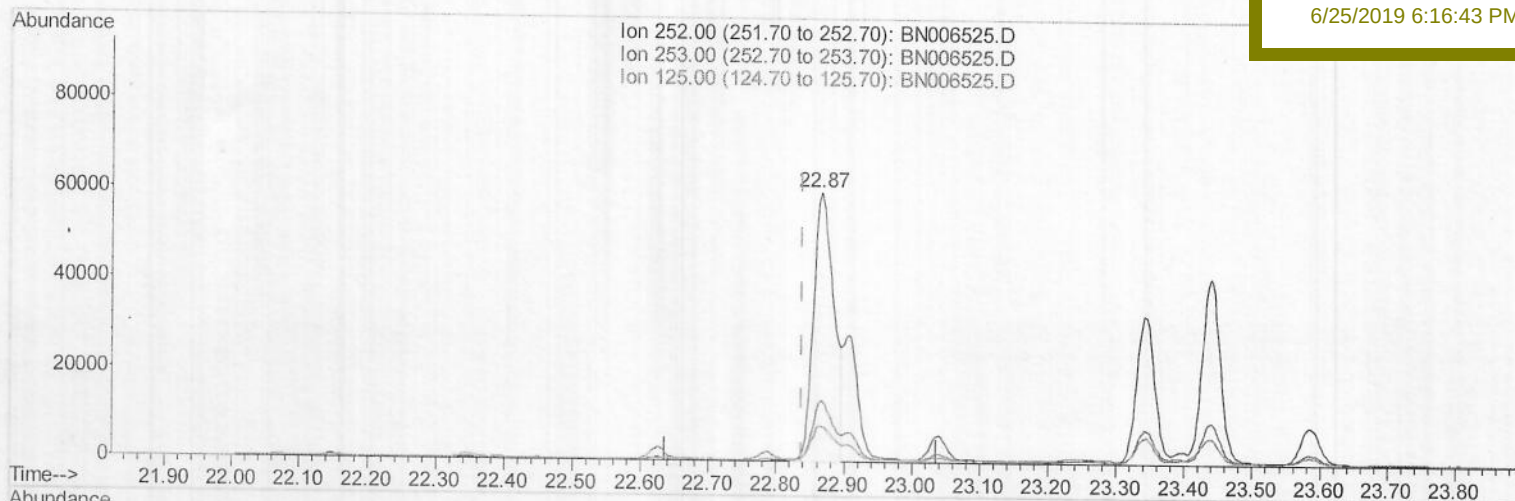
BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVED

mohammad
6/25/2019 6:16:43 PM



(21) Benzo(b)fluoranthene

22.865min (+0.028) 3.28ng/ul m

response 124130

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	22.78
125.00	20.50	13.25
0.00	0.00	0.00

7 JU 06/26/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

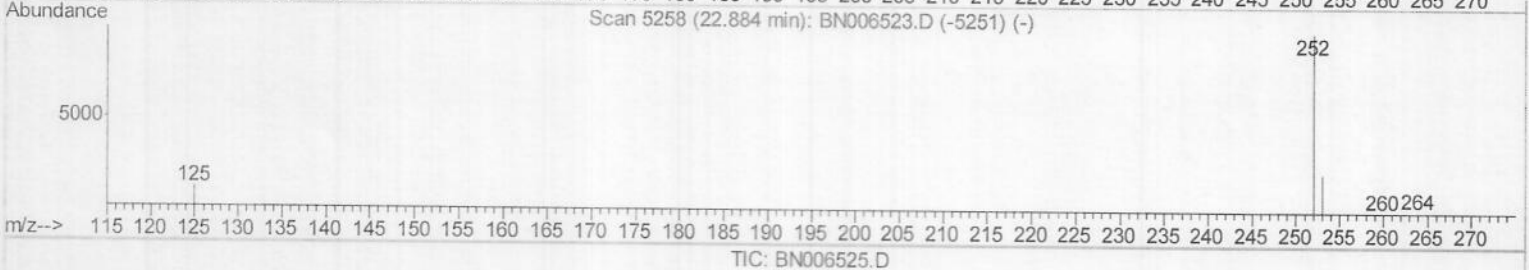
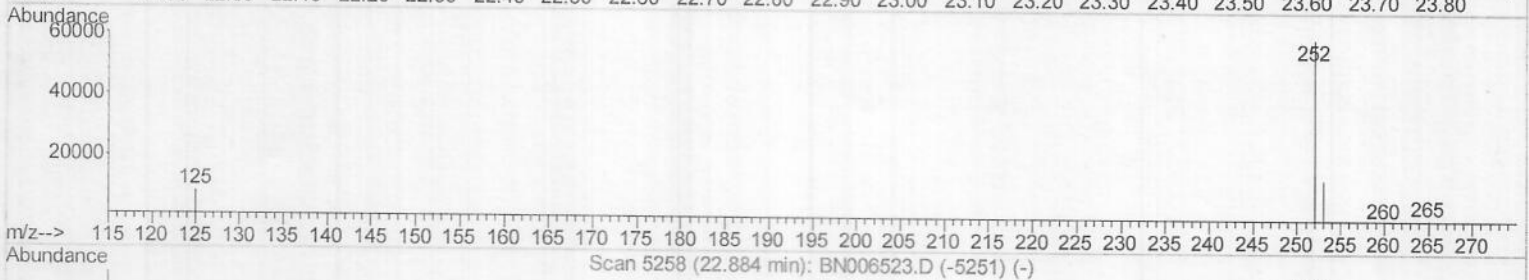
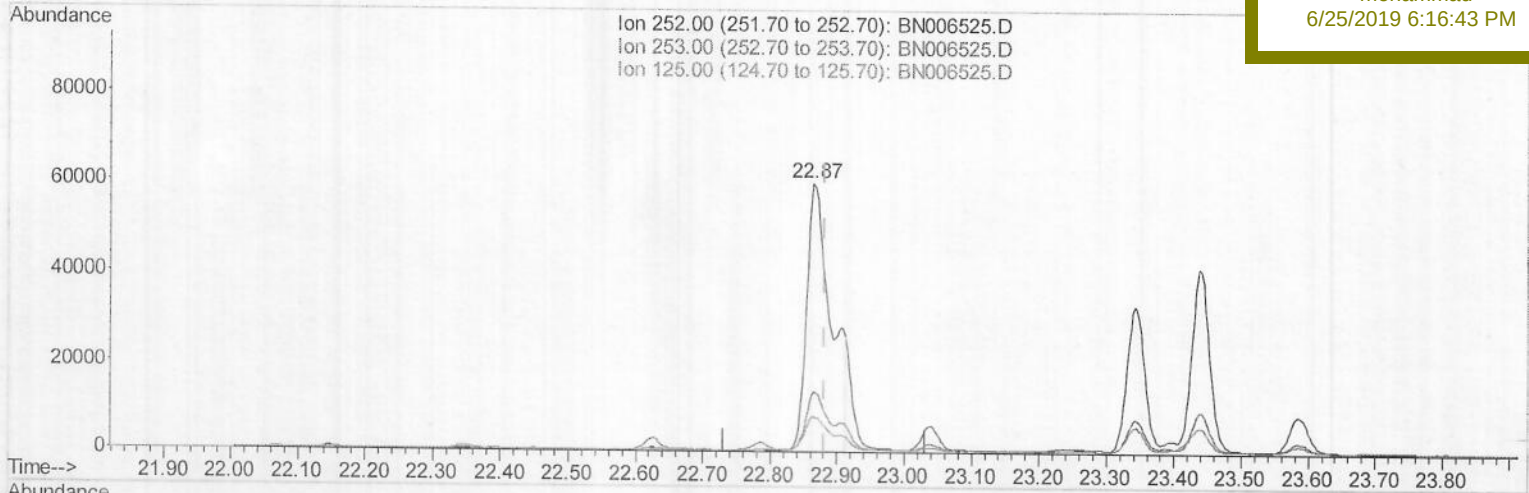
ClientSampleId :

A4202

Manual Integrations
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6/25/2019 6:16:43 PM



(22) Benzo(k)fluoranthene

22.865min (-0.016) 4.10ng/ul

response 151279

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	22.78
125.00	17.90	13.25#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

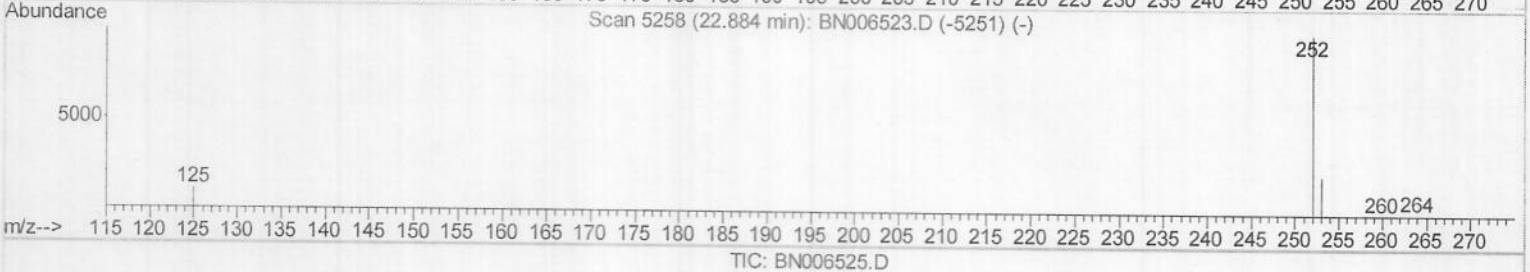
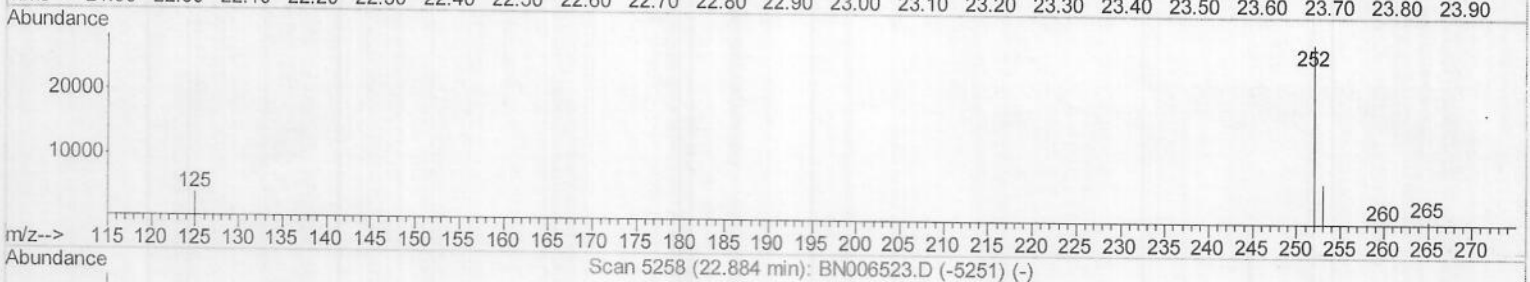
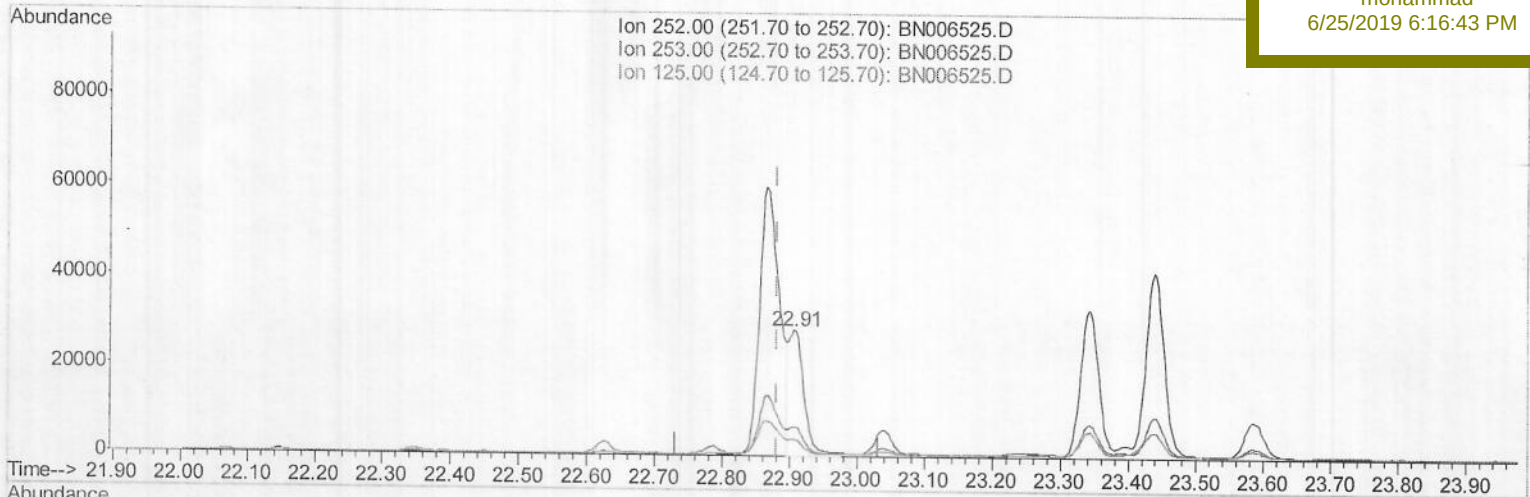
ClientSampleId :

A4202

Manual Integrations
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(22) Benzo(k)fluoranthene

22.906min (+0.025) 1.27ng/ul m

> JU 06/26/19

response 46644

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.12
125.00	17.90	13.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

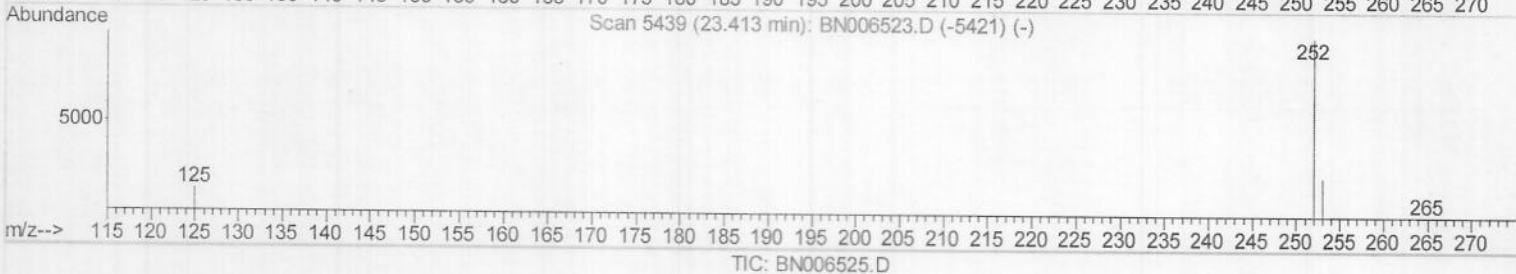
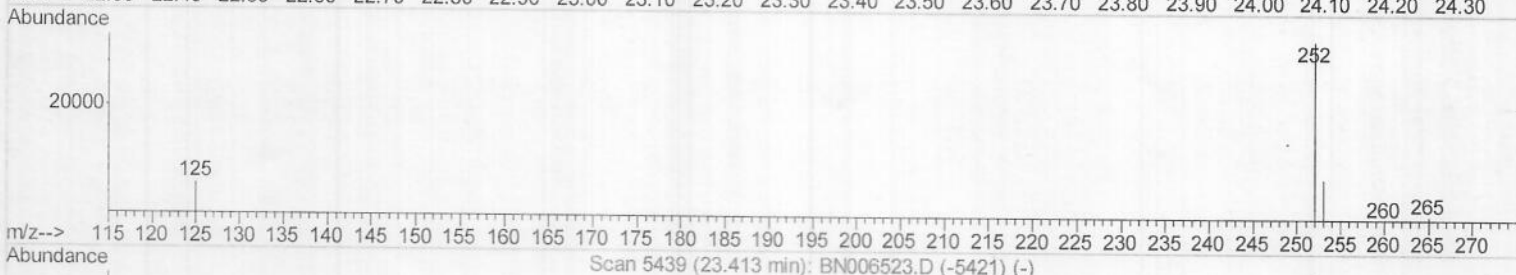
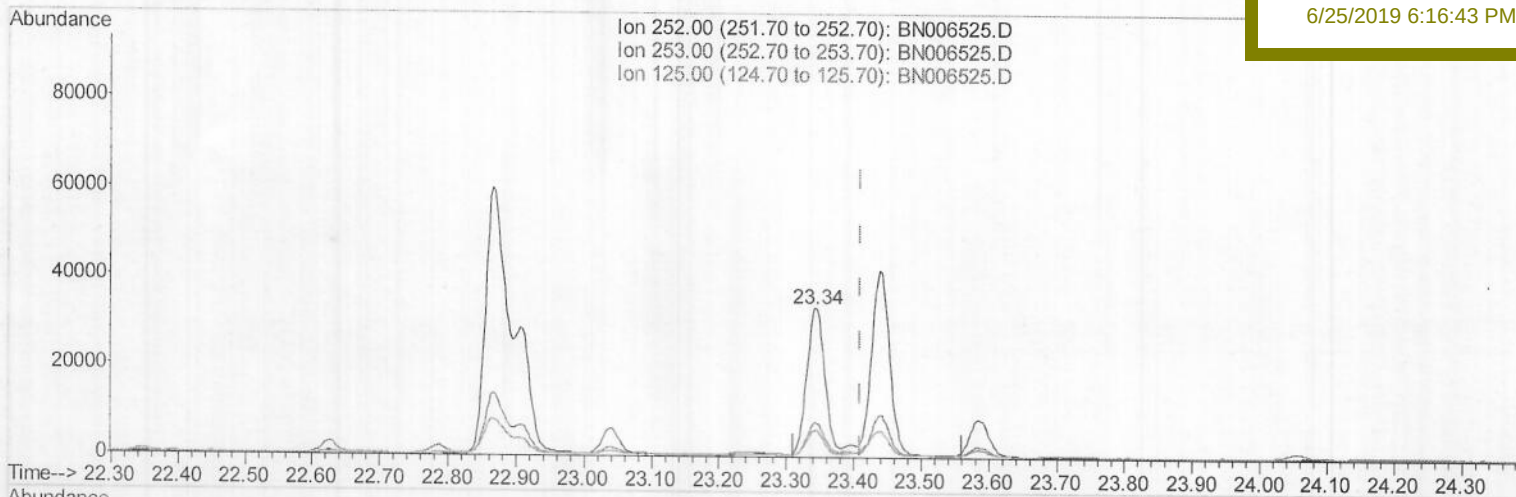
A4202

Manual Integrations

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(23) Benzo(a)pyrene (C)

23.342min (-0.068) 1.74ng/ul

response 61374

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.76
125.00	25.40	17.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

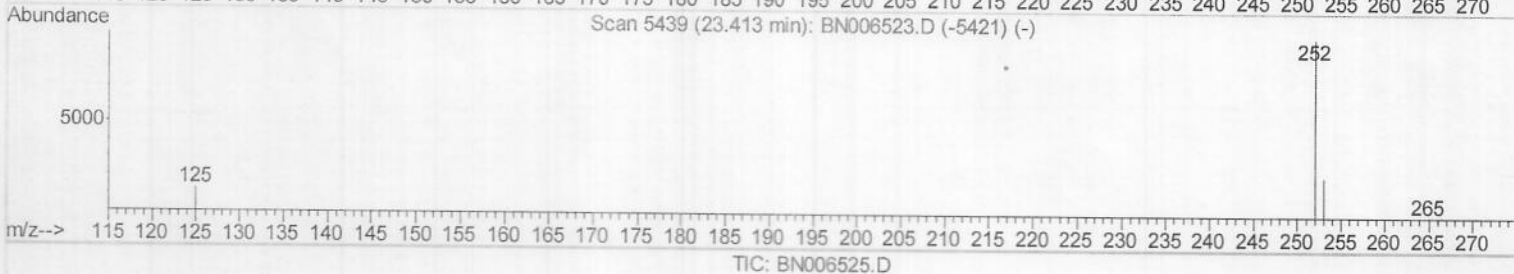
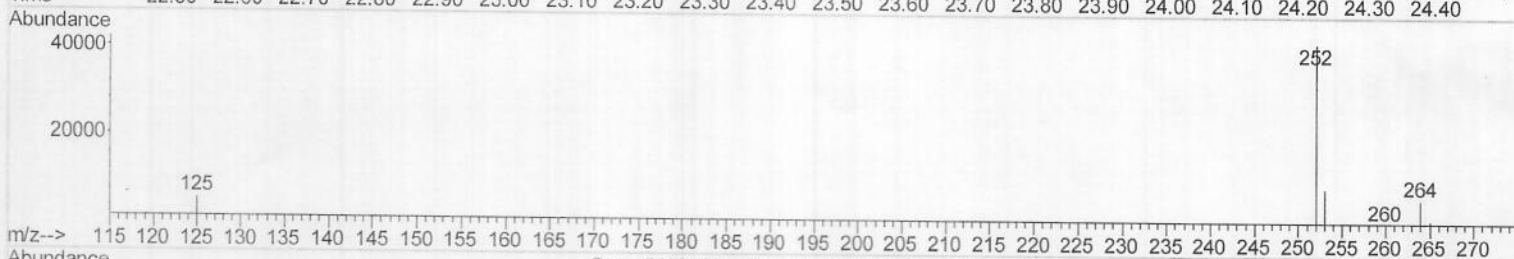
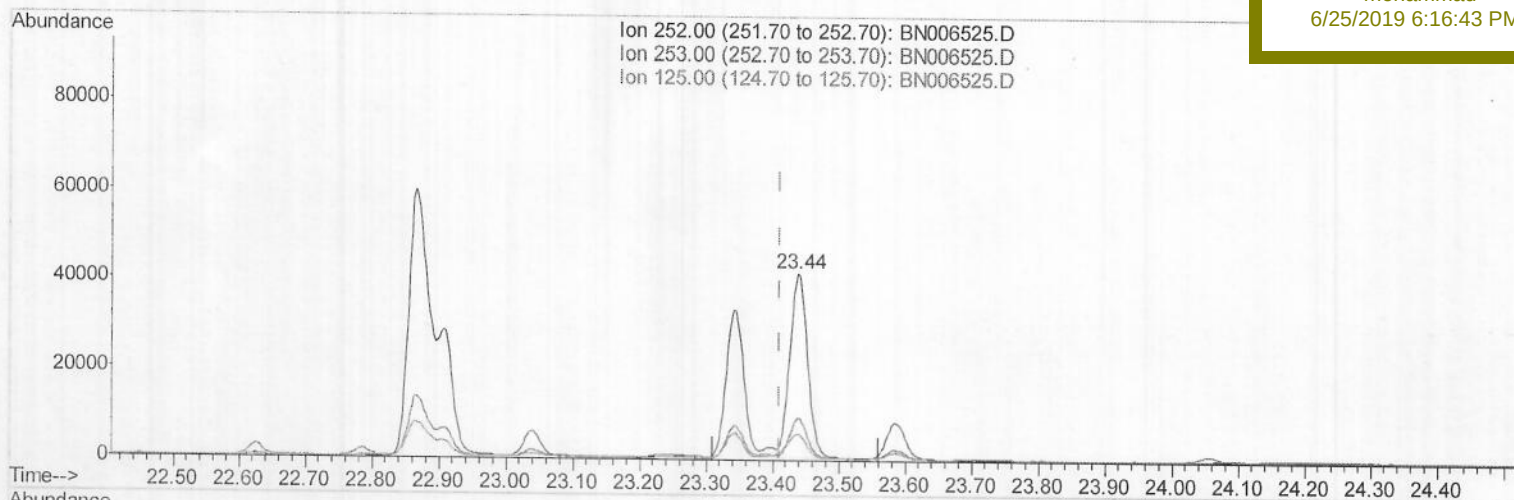
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
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TIC: BN006525.D

(23) Benzo(a)pyrene (C)

23.438min (+0.028) 2.19ng/ul m > JU 06/26/19

response 77210

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	22.16
125.00	25.40	13.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

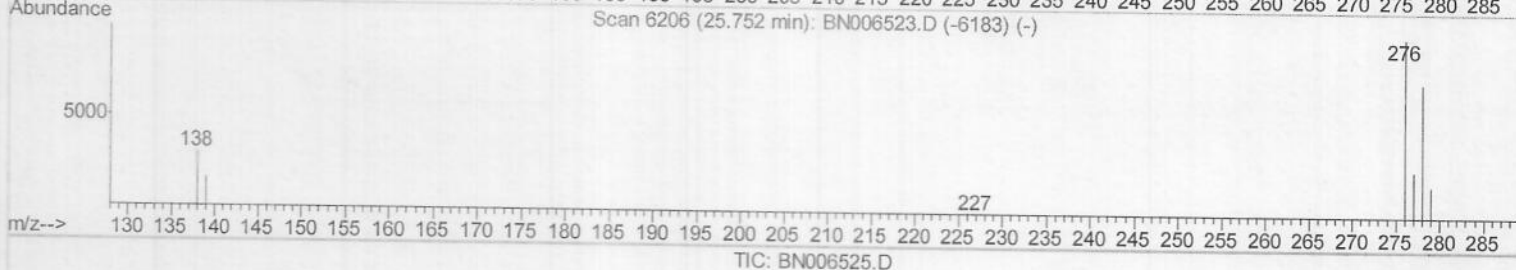
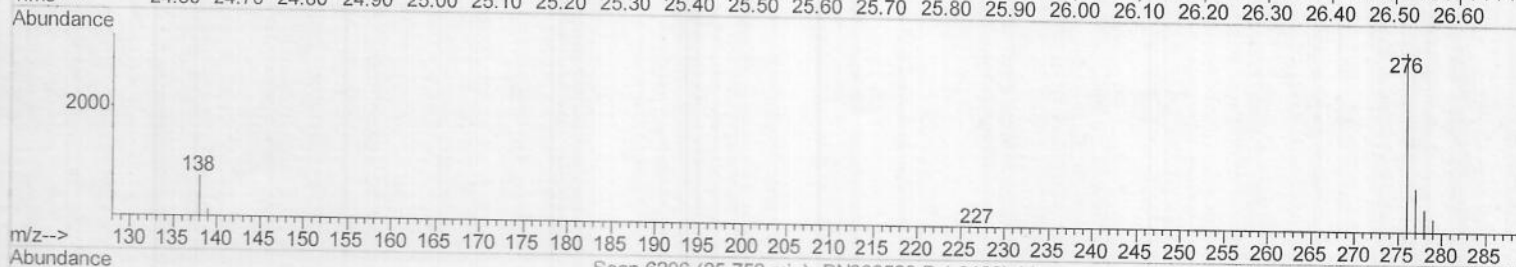
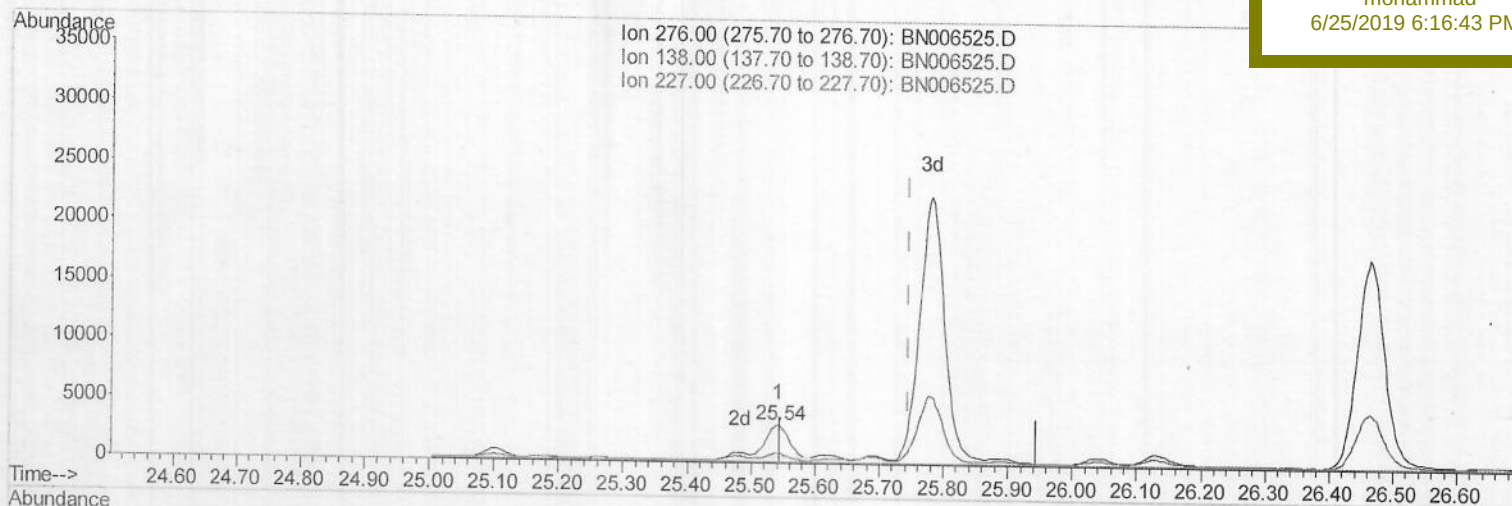
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
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6/25/2019 6:16:43 PM

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

25.542min (-0.203) 0.17ng/ul

response 6479

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	21.21#
227.00	0.40	0.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

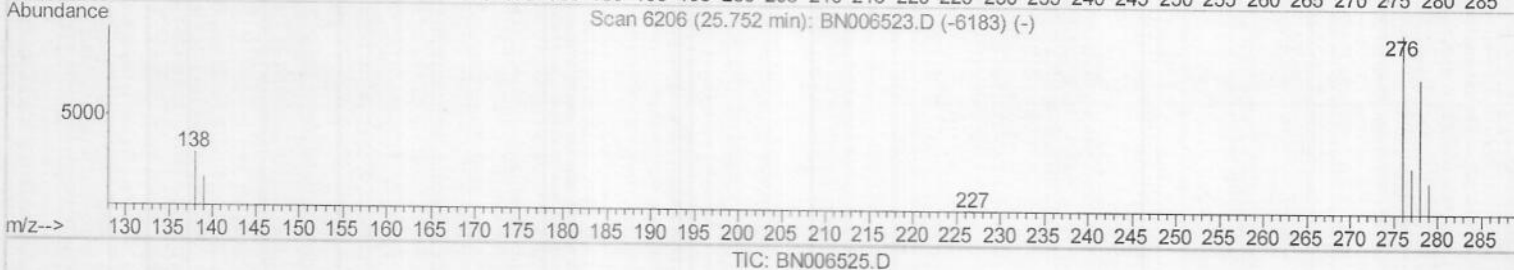
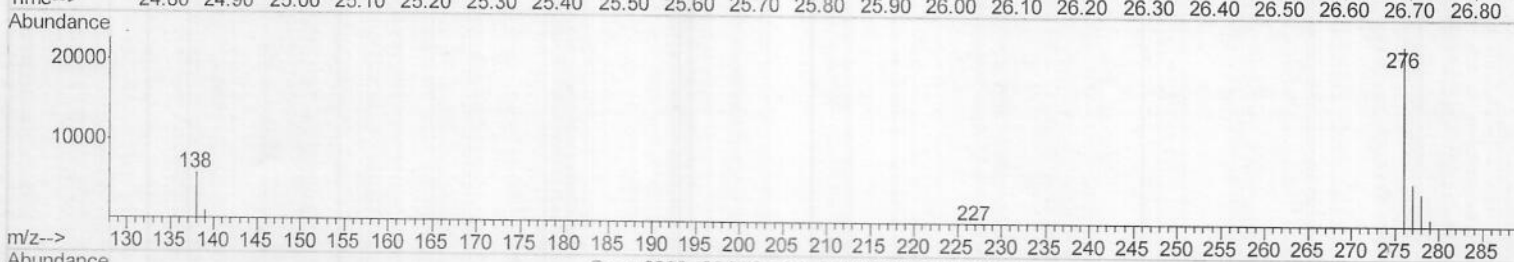
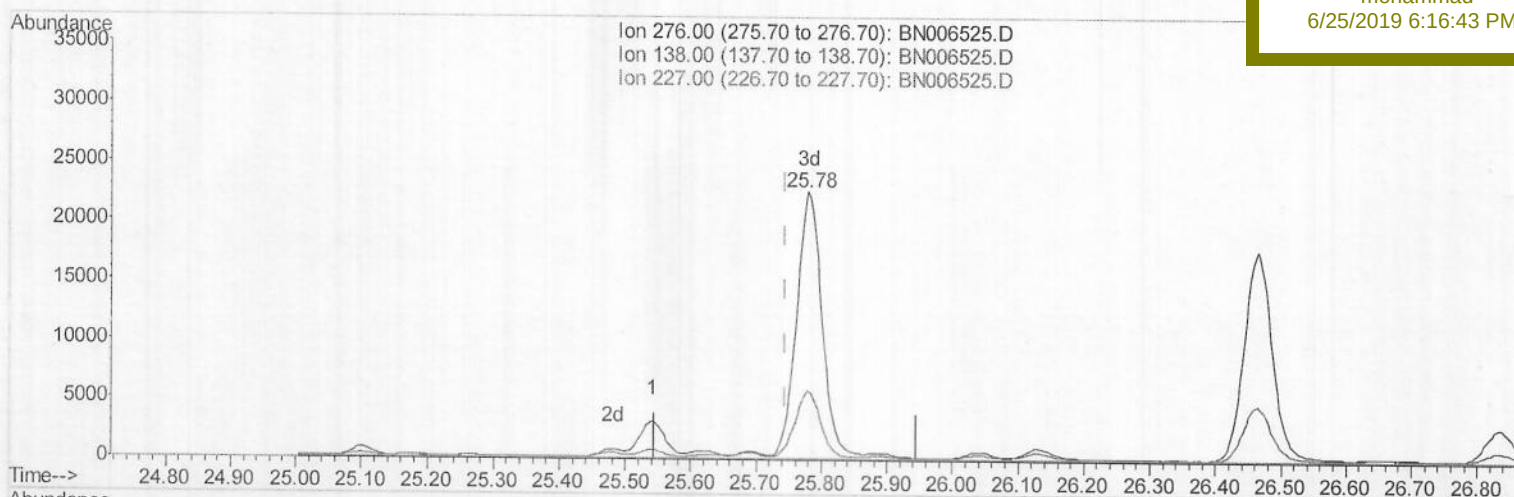
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
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6/25/2019 6:16:43 PM

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

25.780min (+0.035) 1.58ng/ul m

> JU 06/26/19

response 60410

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.27#
227.00	0.40	0.01#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

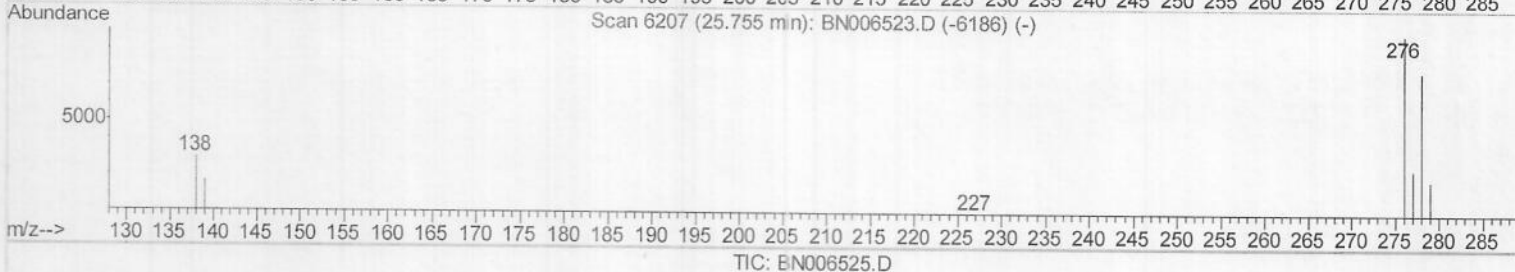
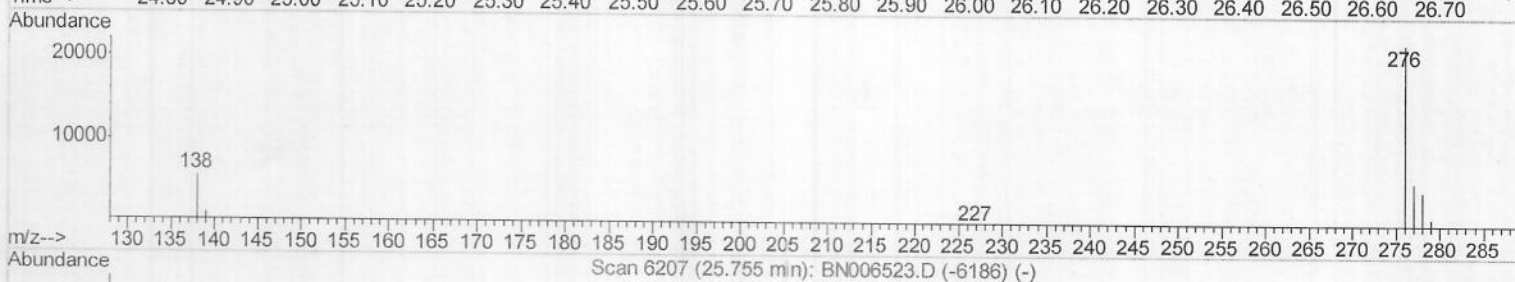
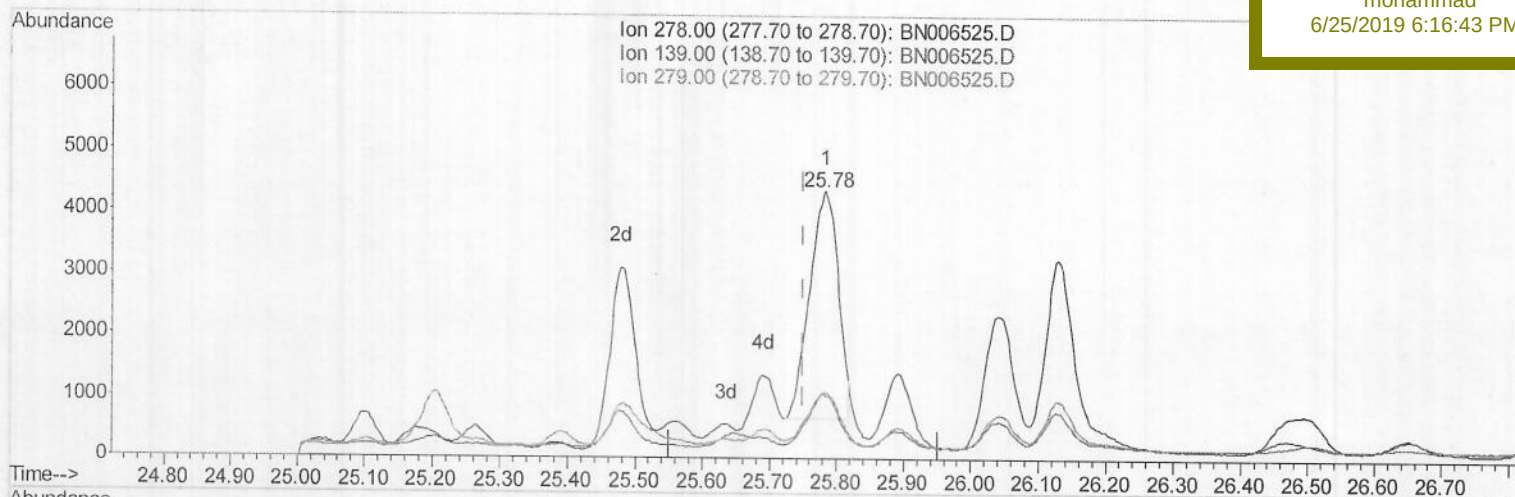
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(25) Dibenzo(a,h)anthracene

25.784min (+0.032) 0.36ng/ul

response 10961

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	23.72
279.00	28.20	25.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

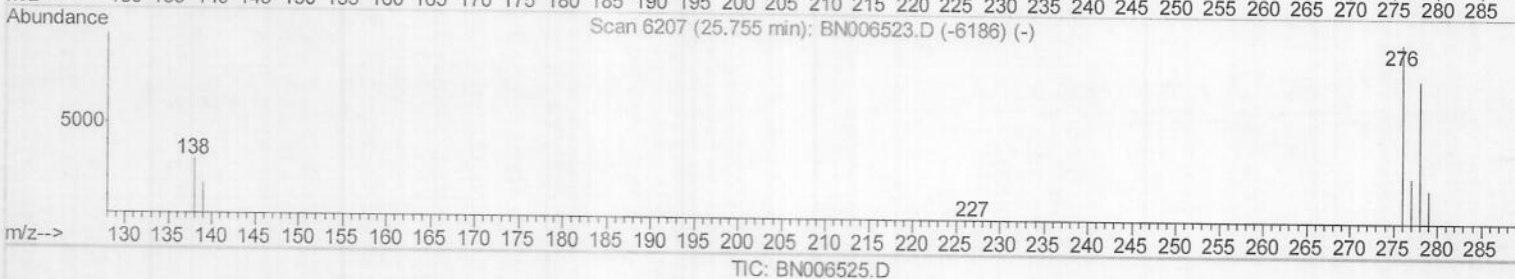
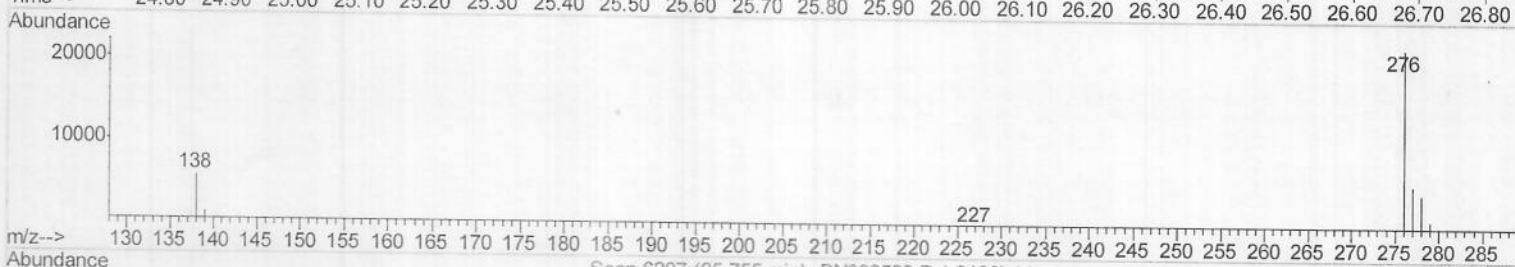
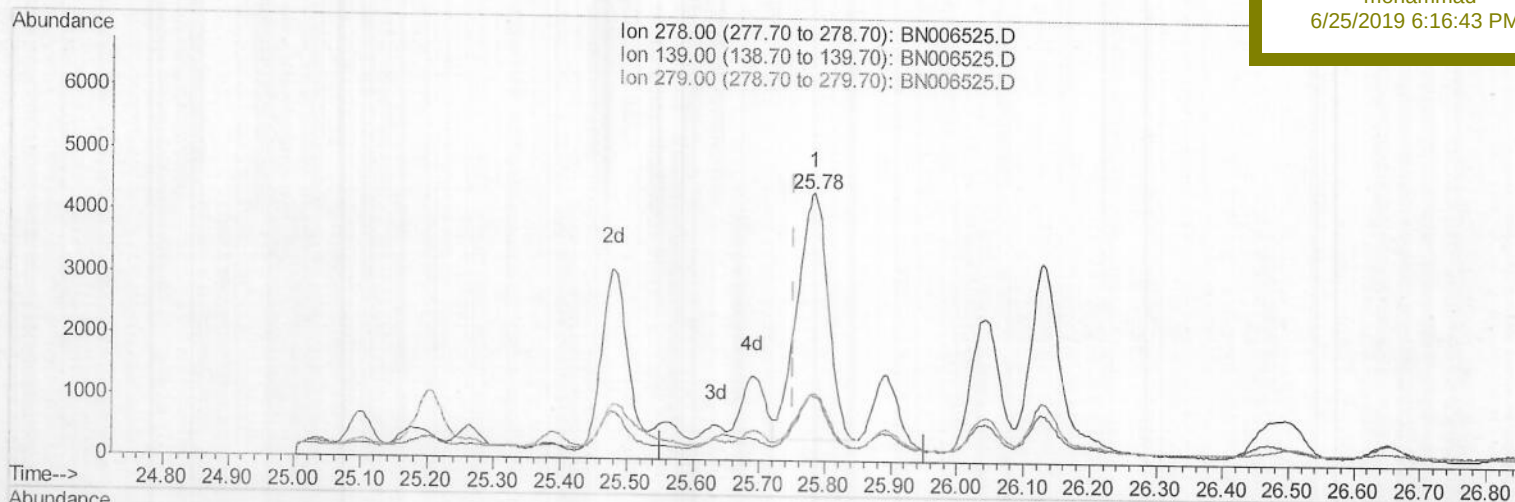
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
APPROVEDmohammad
6/25/2019 6:16:43 PM

(25) Dibenzo(a,h)anthracene

25.784min (+0.032) 0.43ng/ul m

> JU 06/26/19

response 13161

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	23.72
279.00	28.20	25.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\

Data File : BN006525.D

Acq On : 24 Jun 2019 11:30

Operator : HP/JU

Sample : K3360-20

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 17 11:13:07 2019

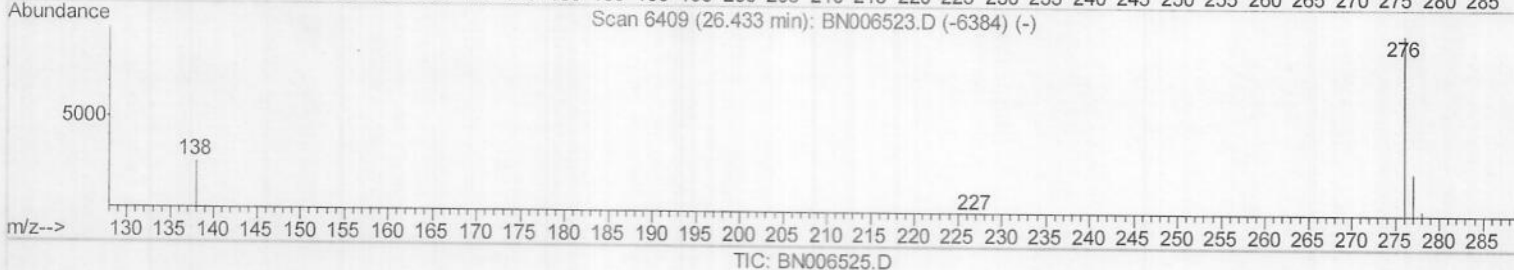
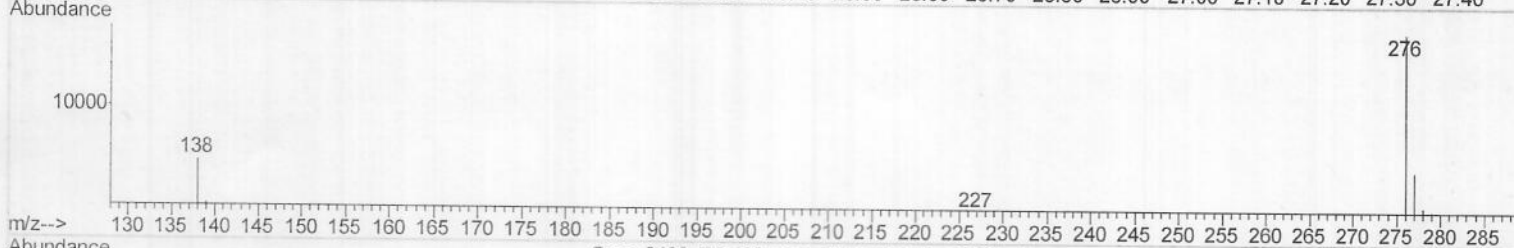
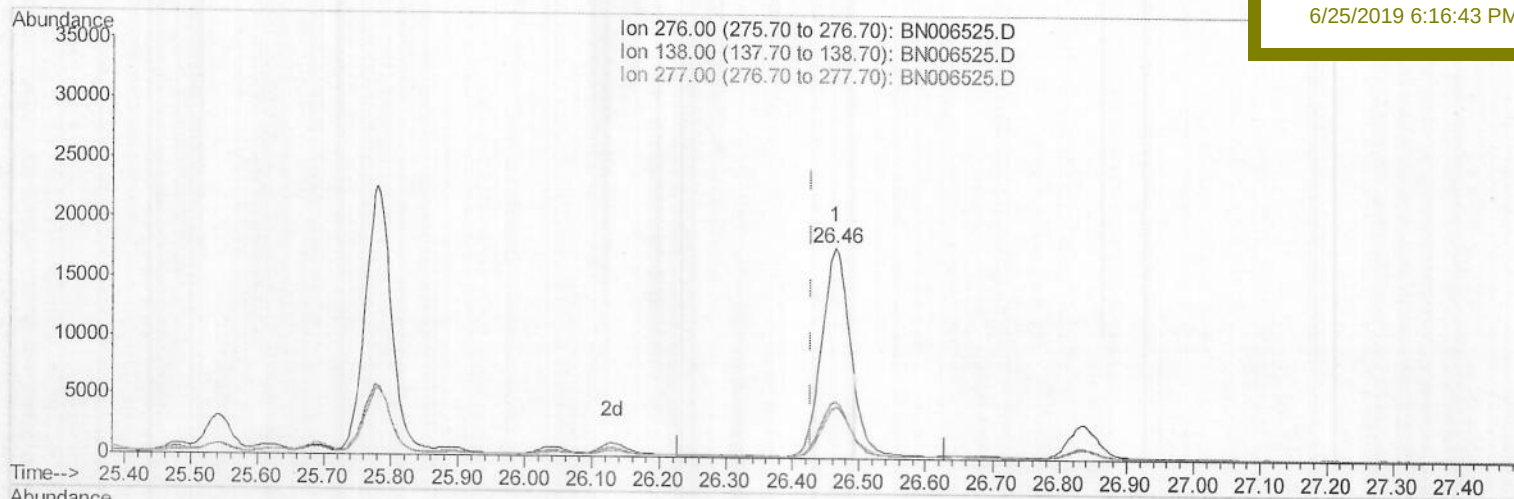
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4202

Manual Integrations
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6/25/2019 6:16:43 PM

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

26.464min (+0.035) 1.48ng/ul

response 47349

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.65
277.00	26.90	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

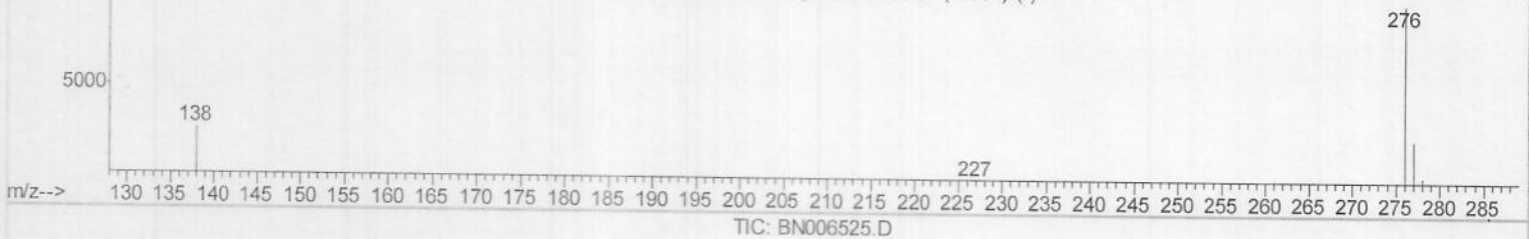
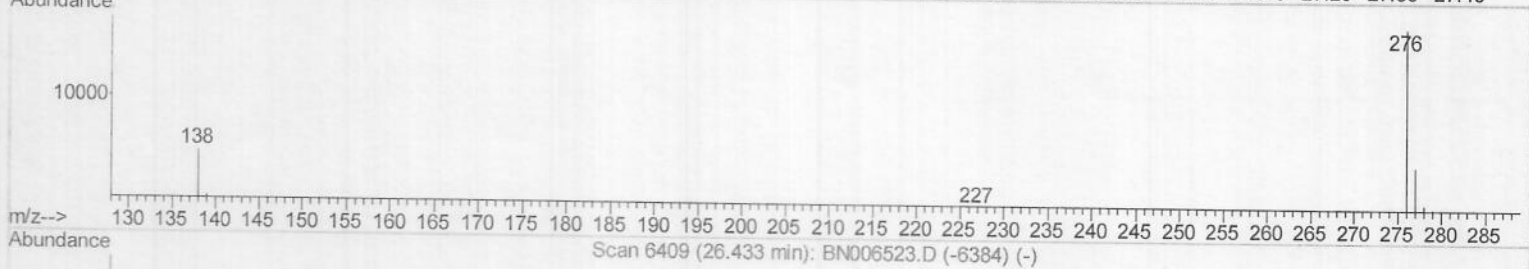
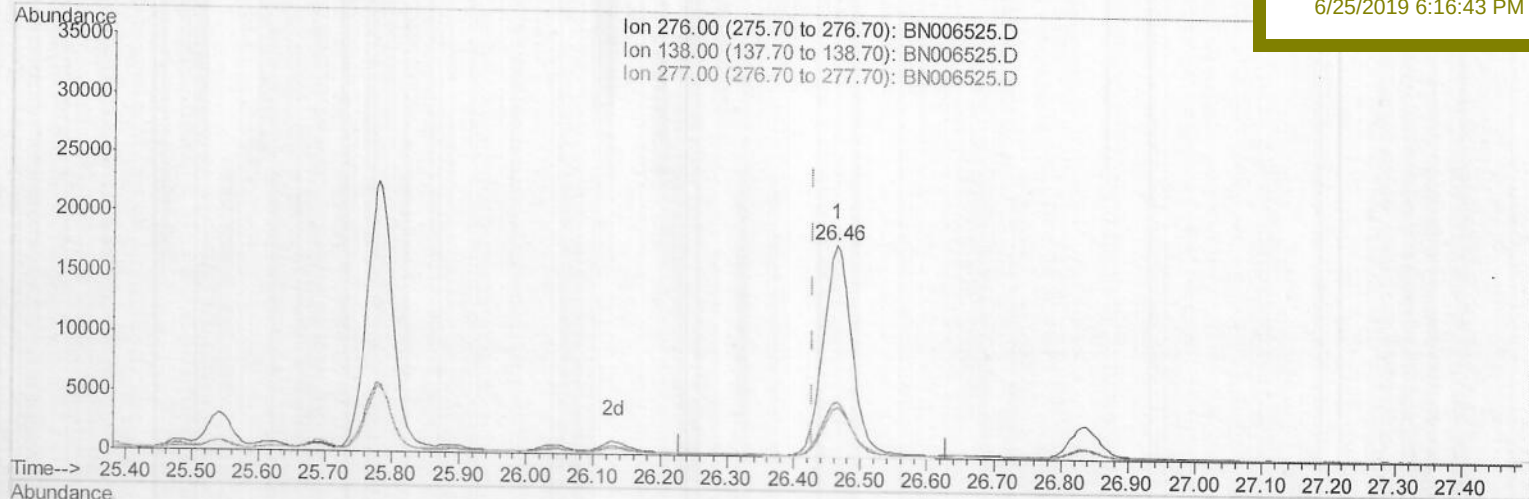
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006525.D
 Acq On : 24 Jun 2019 11:30
 Operator : HP/JU
 Sample : K3360-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 25 00:53:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 Client Sampled :
 A4202

Manual Integrations
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 6/25/2019 6:16:43 PM



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

26.464min (+0.035) 1.74ng/ul m

> JU 06/26/19

response 55695

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	26.65
277.00	26.90	23.79
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006525.D
 Acq On : 24 Jun 2019 11:30
 Operator : HP/JU
 Sample : K3360-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202

Quant Time: Jun 25 00:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4553	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16884	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	8623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15156m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	9892m	0.40	ng/ul	0.01
20) Perylene-d12	23.54	264	9074m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8179	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	13460m	0.33	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.46	128	1325	0.028	ng/ul#	83
7) Acenaphthylene	14.00	152	1293	0.027	ng/ul#	84
8) Acenaphthene	14.35	153	987	0.030	ng/ul	96
9) Fluorene	15.34	166	1094	0.028	ng/ul#	96
12) Phenanthrene	17.08	178	37734m	0.776	ng/ul	
13) Anthracene	17.17	178	5894m	0.127	ng/ul	
15) Fluoranthene	19.11	202	155730m	2.899	ng/ul	
17) Pyrene	19.49	202	130683	2.508	ng/ul	97
18) Benzo(a)anthracene	21.26	228	60067	1.373	ng/ul	99
19) Chrysene	21.32	228	86766	2.113	ng/ul	100
21) Benzo(b)fluoranthene	22.87	252	124130m	3.281	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	46644m	1.266	ng/ul	
23) Benzo(a)pyrene	23.44	252	77210m	2.191	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	60410m	1.584	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	13161m	0.432	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	55695m	1.743	ng/ul	

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

JU
 GG/26/19