

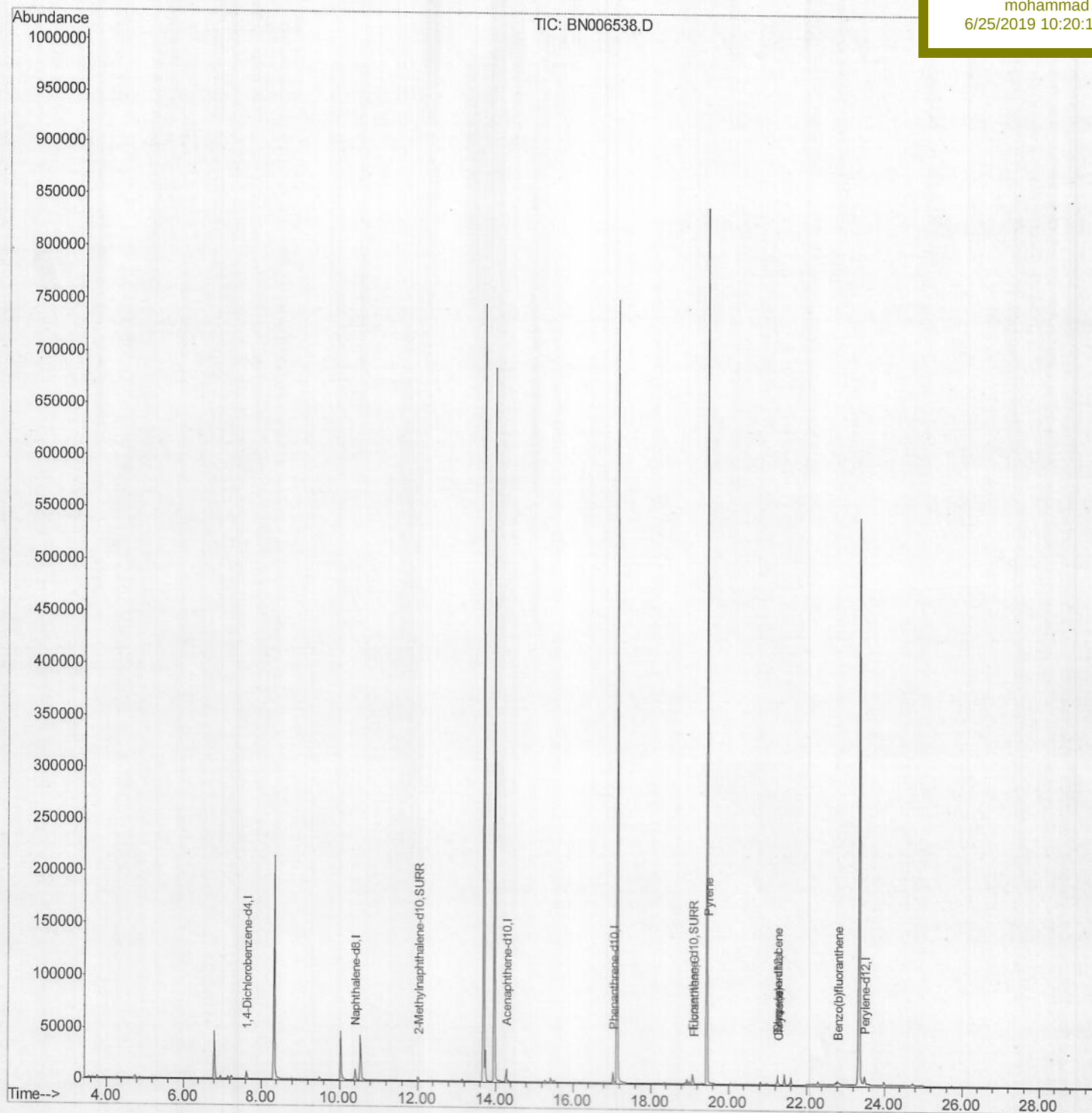
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006538.D
Acq On : 24 Jun 2019 19:21
Operator : HP/JU
Sample : K3362-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:24:48 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 : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4212

Manual Integrations
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mohammad
6/25/2019 10:20:13 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:20:27 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 : Tue Jun 25 07:15:41 2019

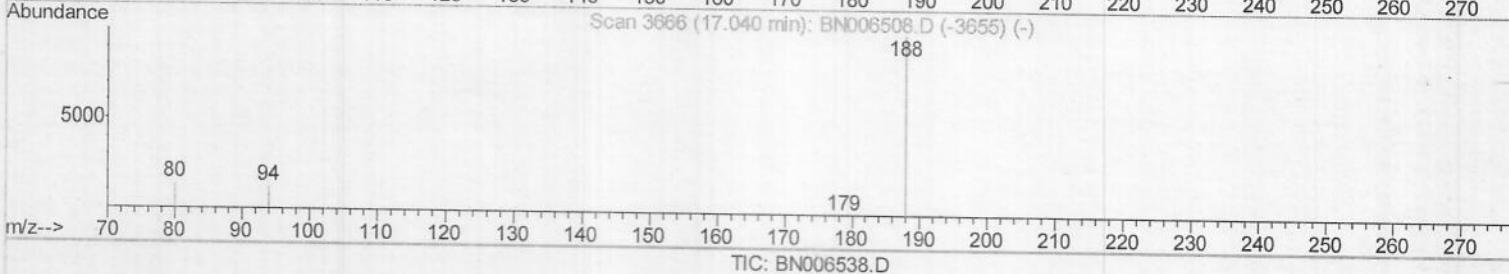
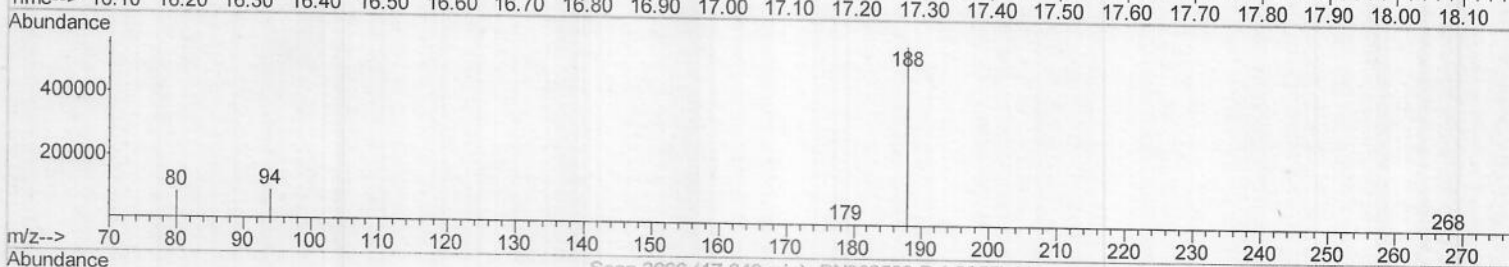
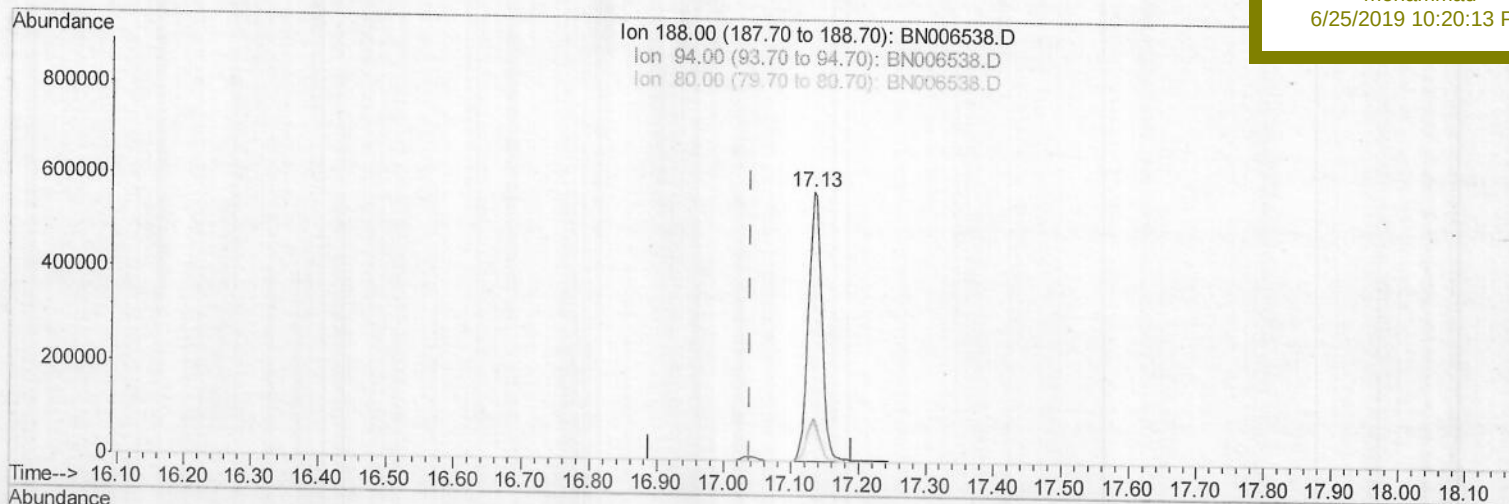
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
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(10) Phenanthrene-d10 (I)

17.133min (+0.093) 0.40ng/ul

response 810850

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.05#
80.00	13.60	14.64
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:20:27 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 : Tue Jun 25 07:15:41 2019

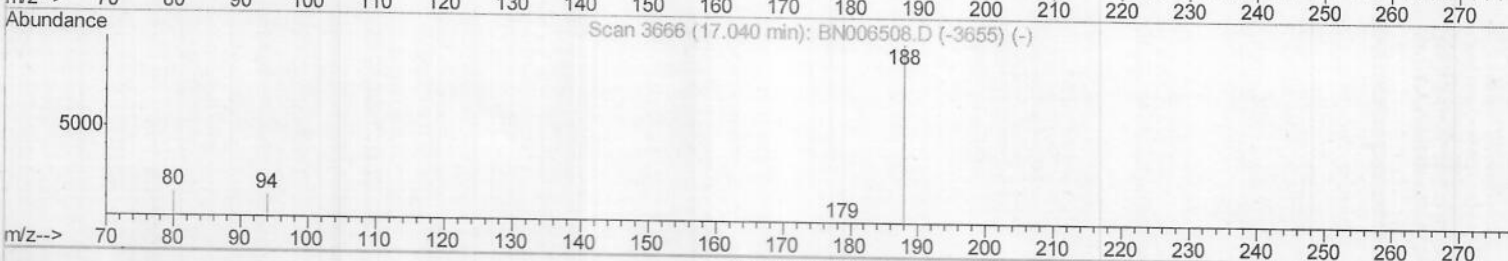
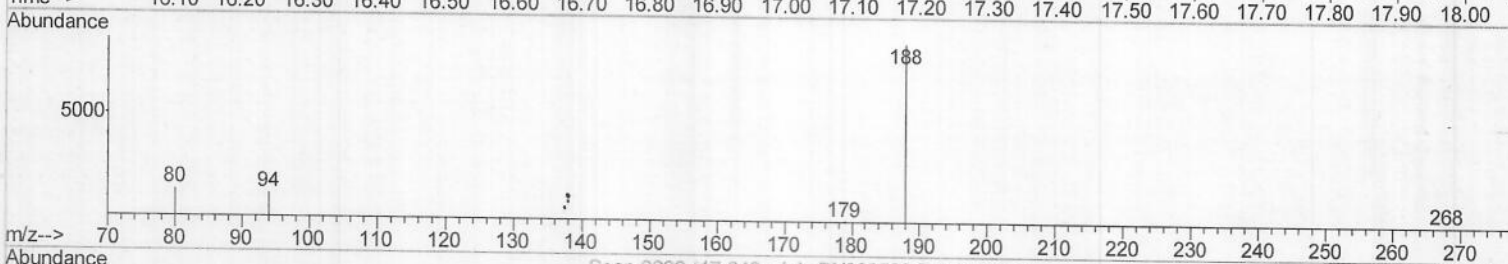
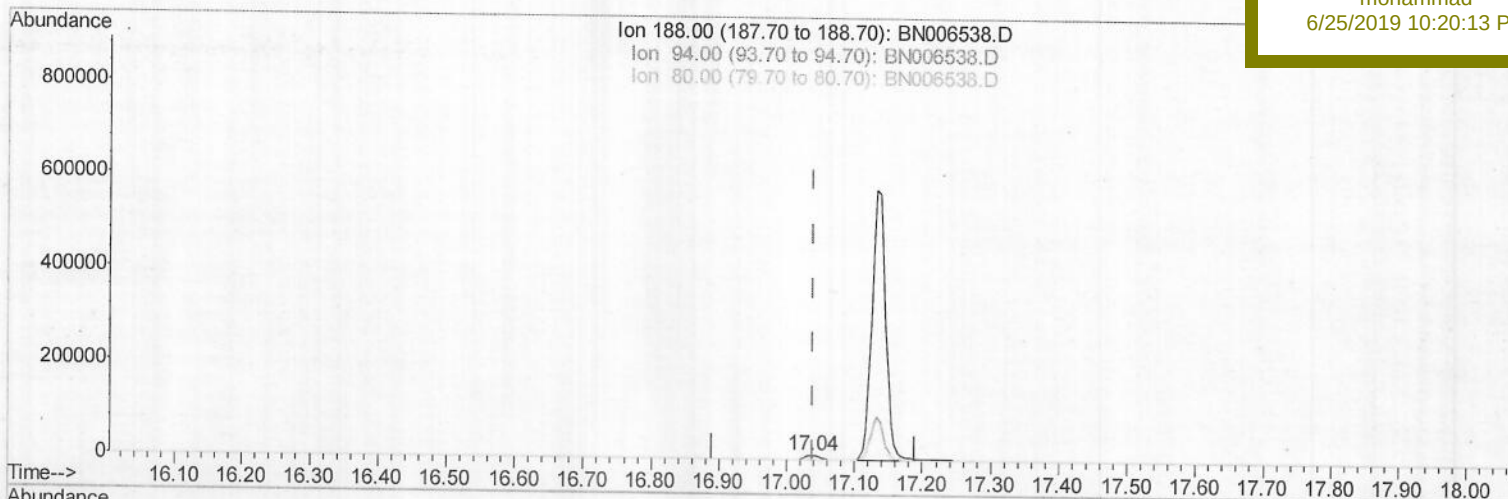
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
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TIC: BN006538.D

(10) Phenanthrene-d10 (I)

17.035min (-0.004) 0.40ng/ul m

JU 06/26/19

response 12930

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.81
80.00	13.60	15.68
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:22 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 : Tue Jun 25 07:15:41 2019

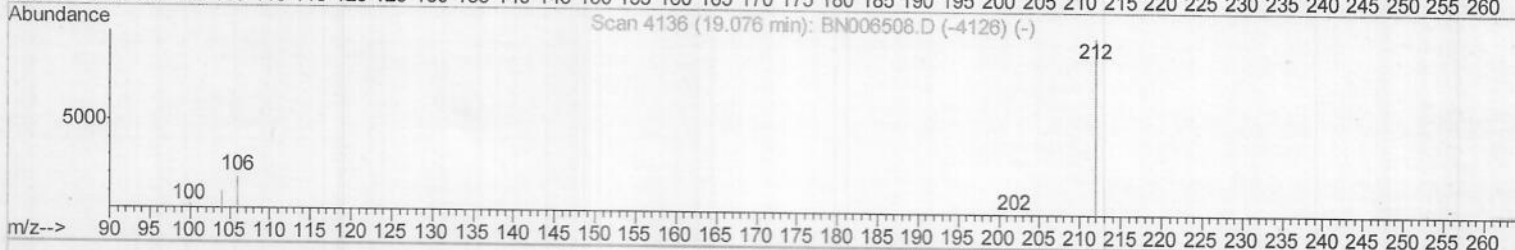
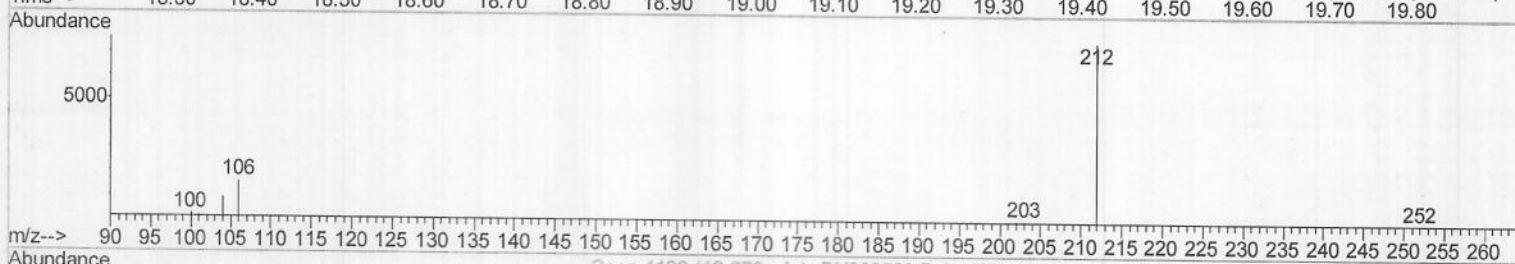
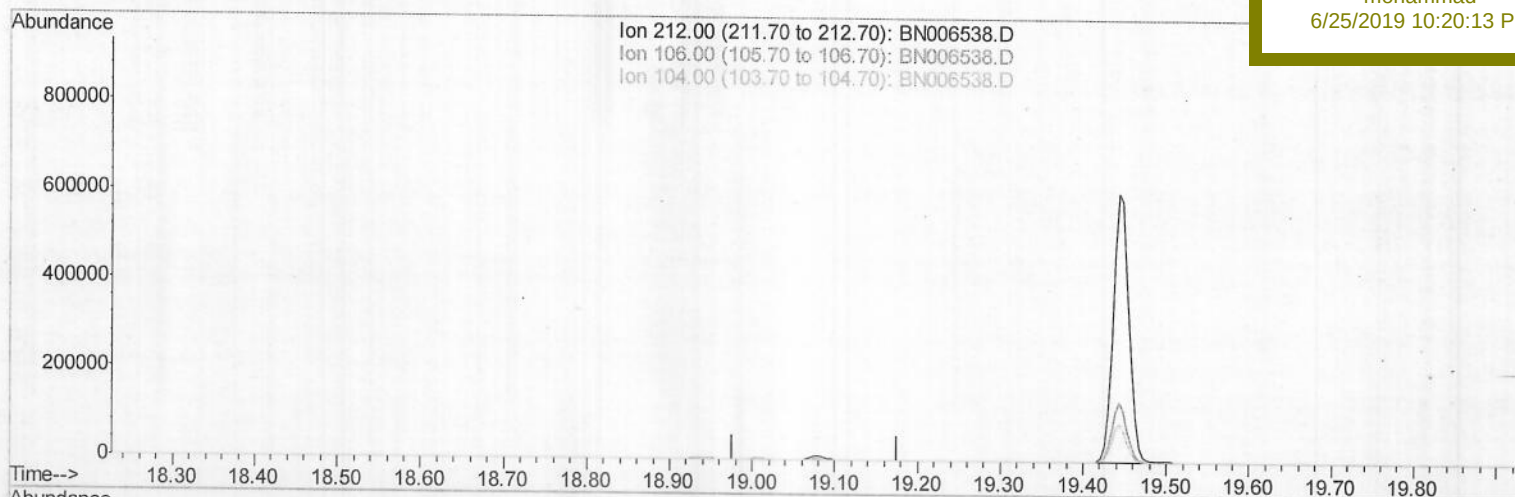
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
APPROVEDmohammad
6/25/2019 10:20:13 PM

TIC: BN006538.D

(14) Fluoranthene-d10 (SURR)

19.076min (-19.076) 0.00ng/ul

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

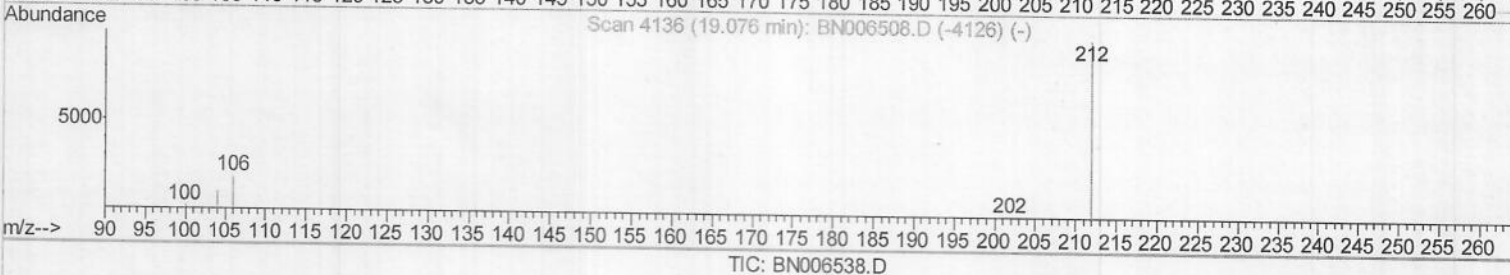
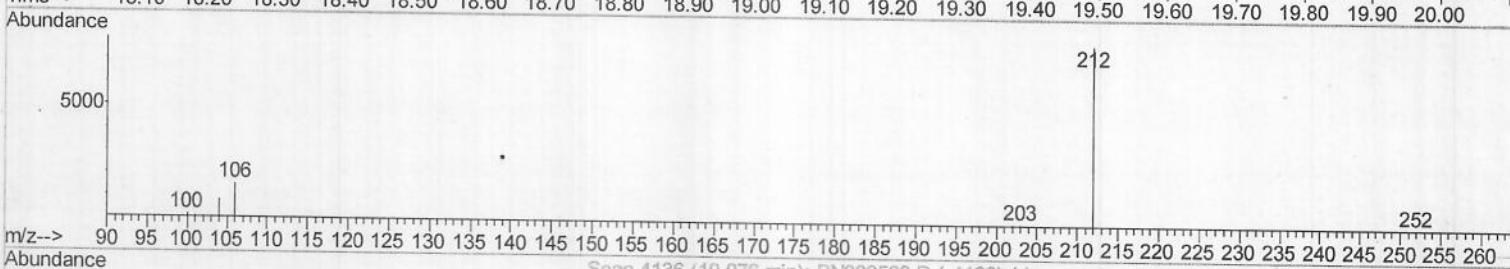
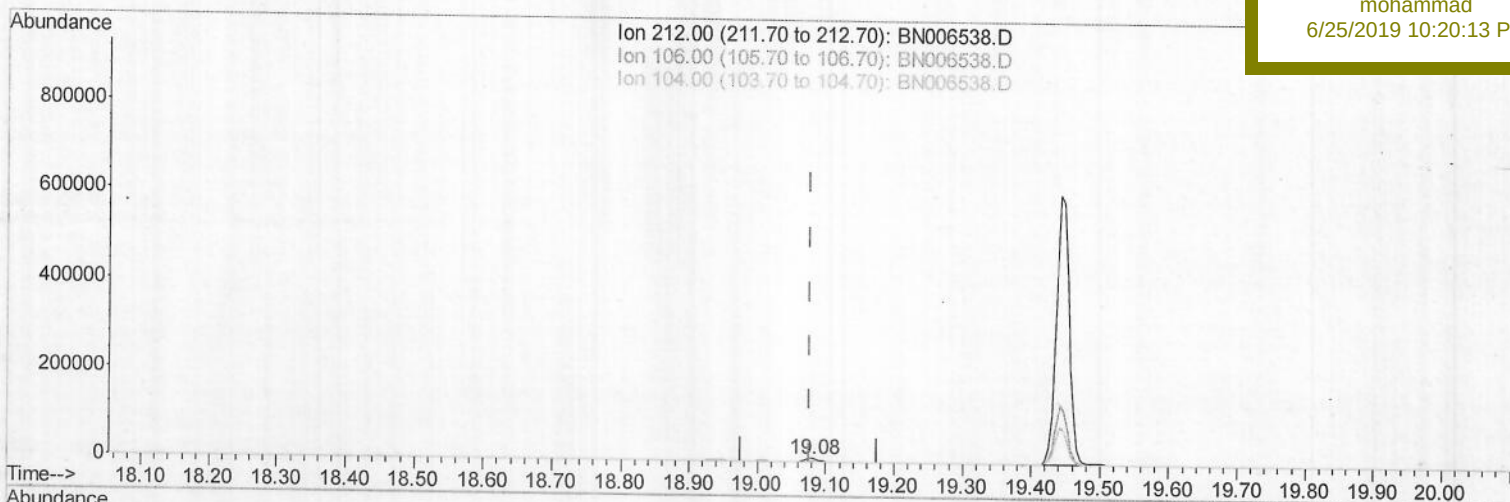
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006538.D
Acq On : 24 Jun 2019 19:21
Operator : HP/JU
Sample : K3362-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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Instrument :
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A4212

Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.081min (+0.005) 0.32ng/ul m

> JU 06/26/19

response 11055

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:59 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 : Tue Jun 25 07:15:41 2019

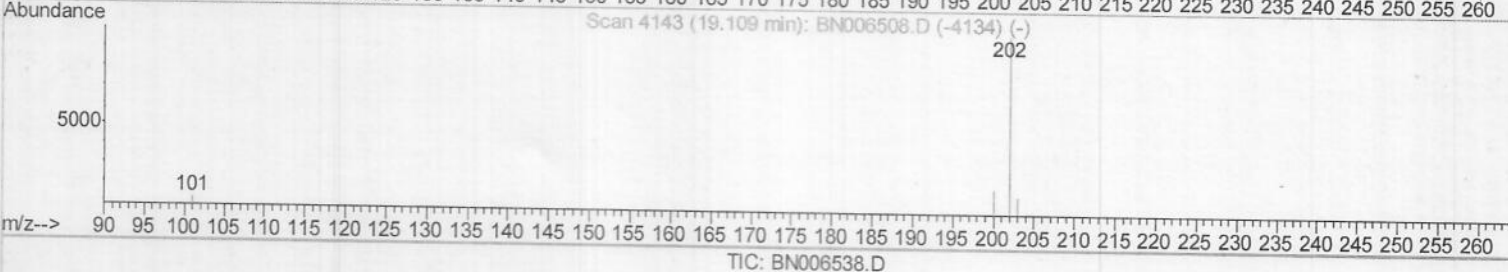
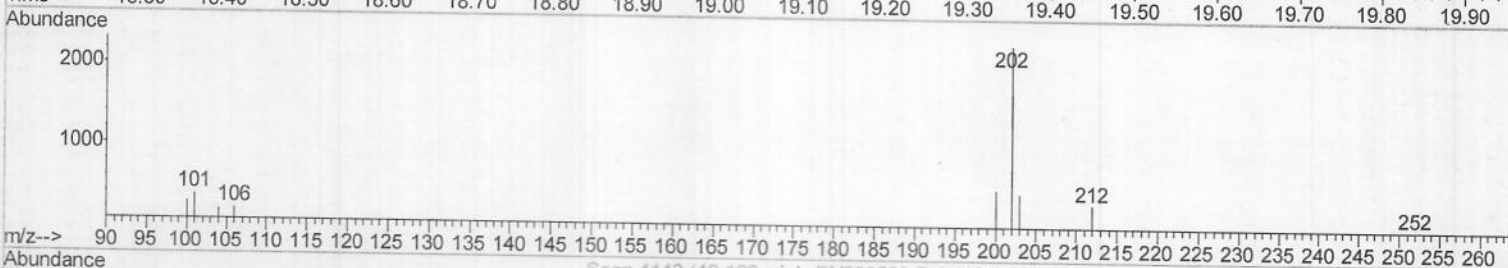
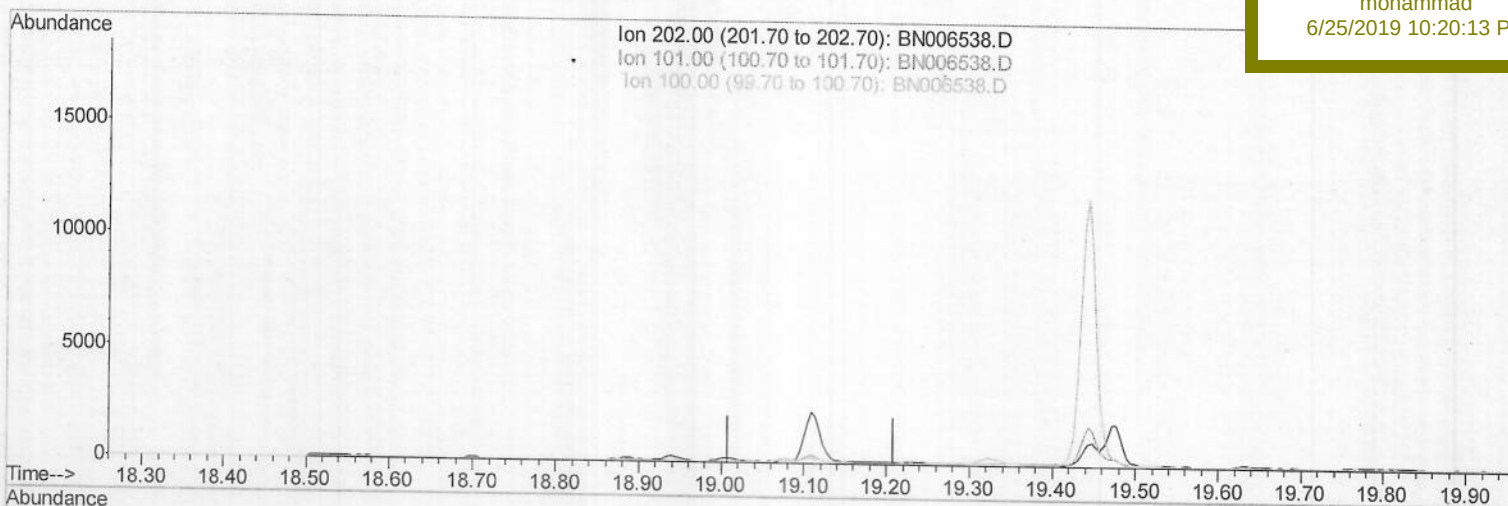
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
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(15) Fluoranthene (C)

19.109min (-19.109) 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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:59 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 : Tue Jun 25 07:15:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

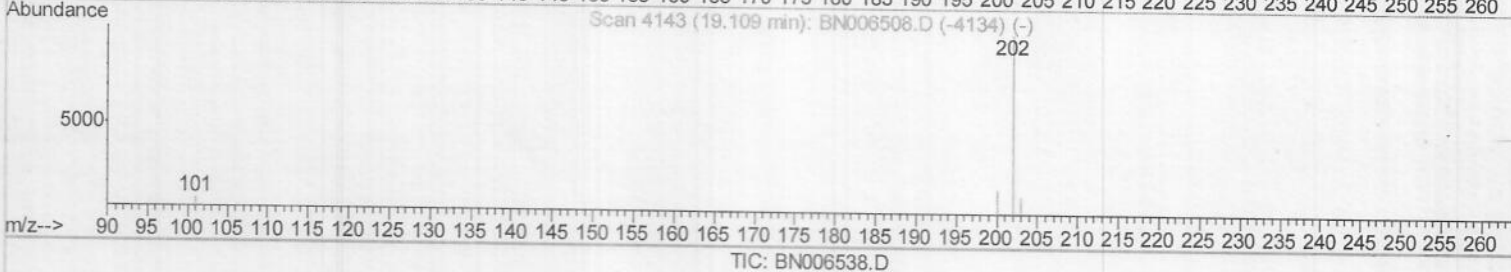
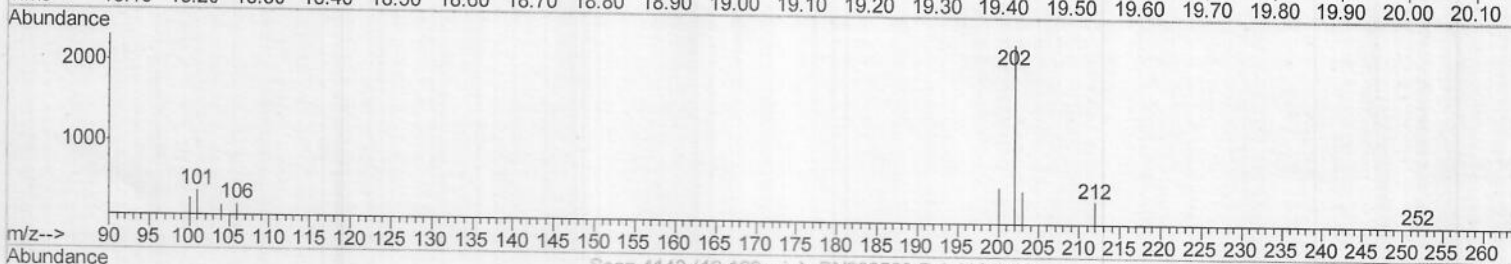
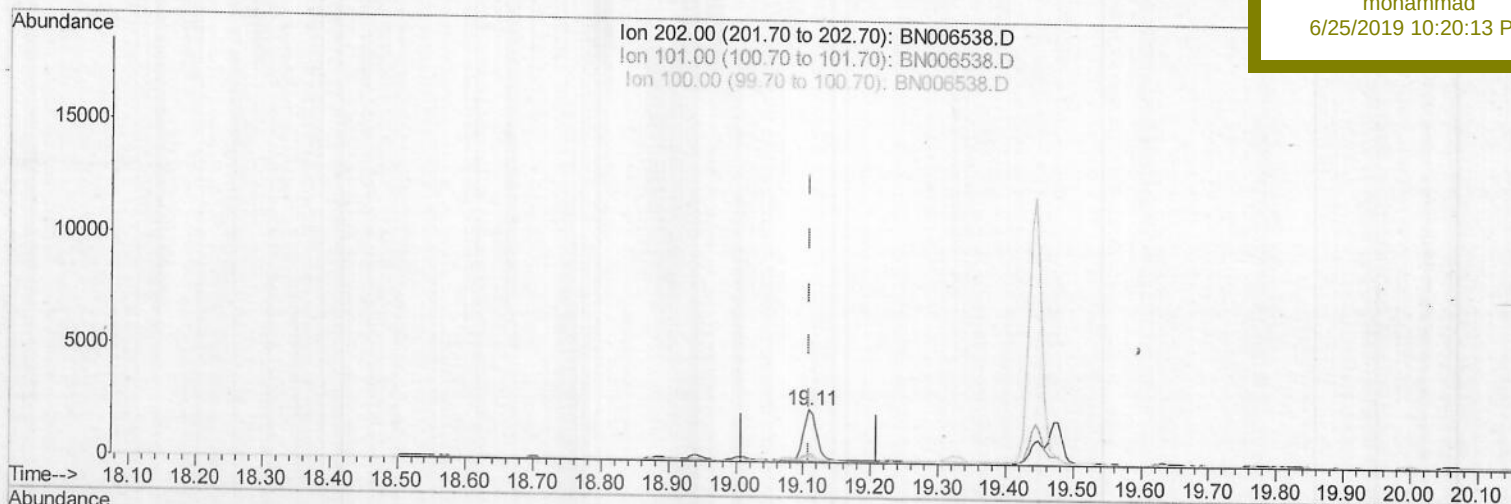
ClientSampleId :

A4212

Manual Integrations
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(15) Fluoranthene (C)

19.109min (+0.000) 0.07ng/ul m

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response 3146

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	16.15
100.00	8.70	11.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:59 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 : Tue Jun 25 07:15:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

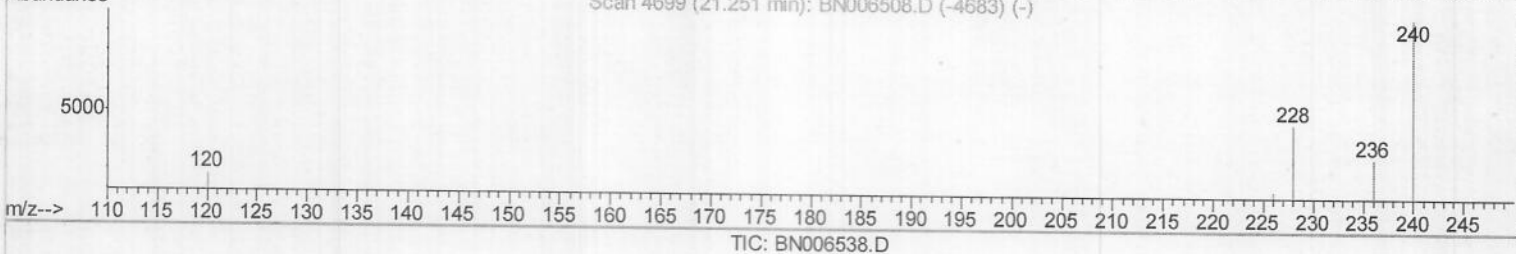
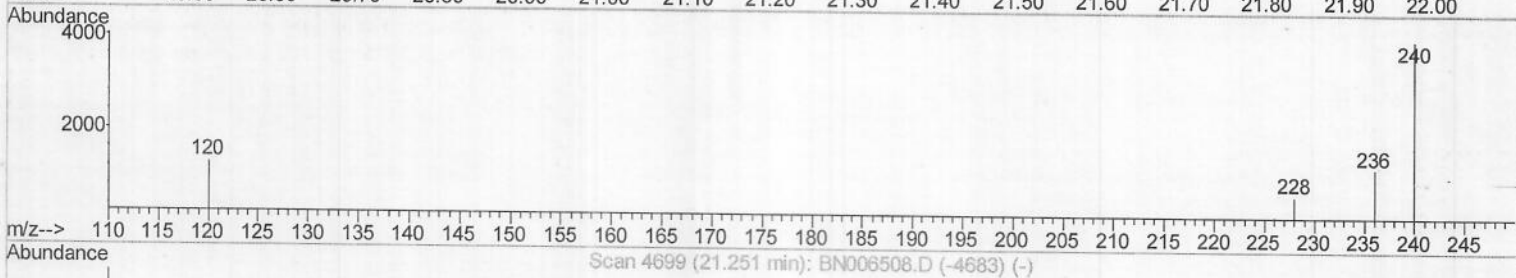
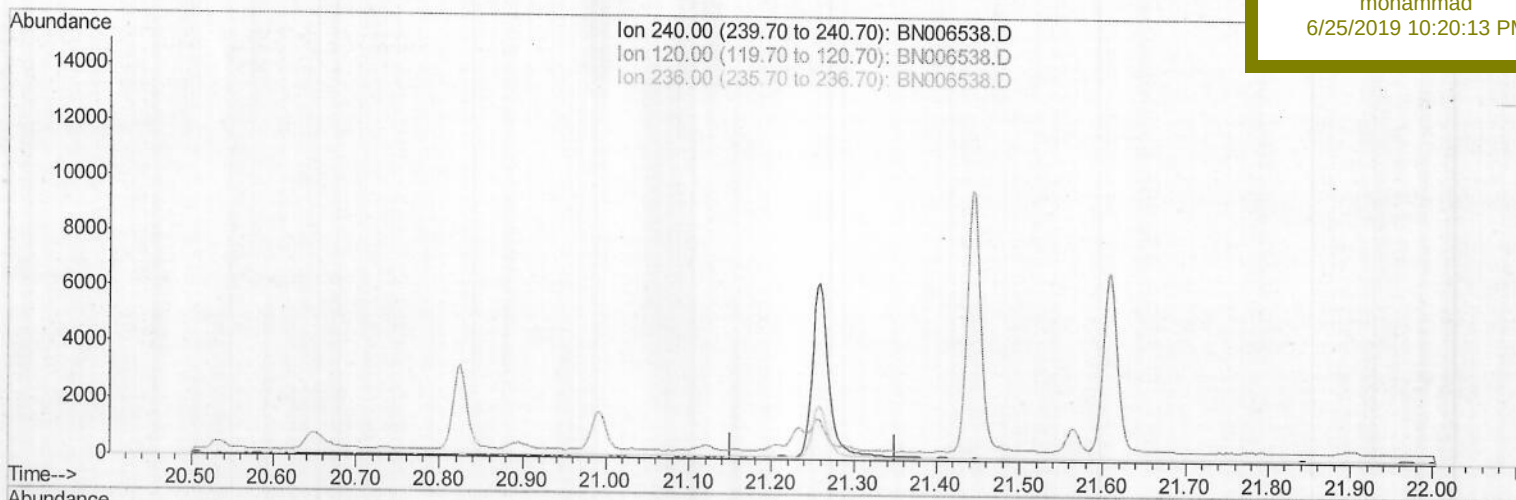
A4212

Manual Integrations

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(16) Chrysene-d12 (I)

21.251min (-21.251) 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

Quantitation Report (Qedit)

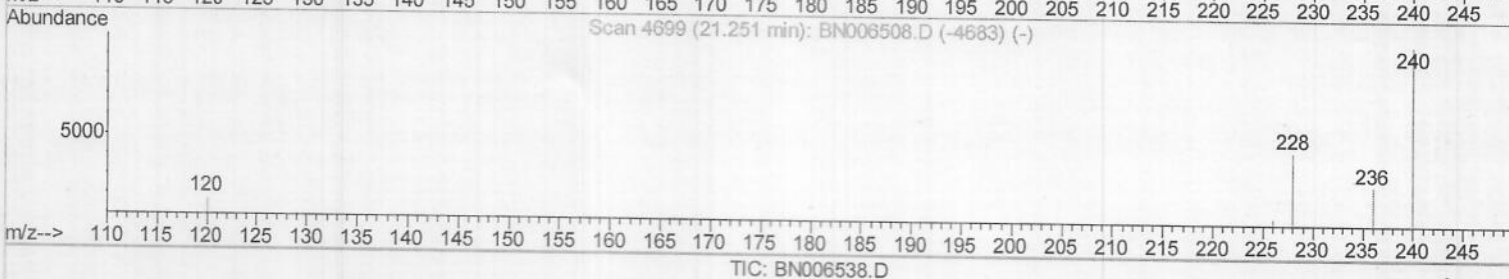
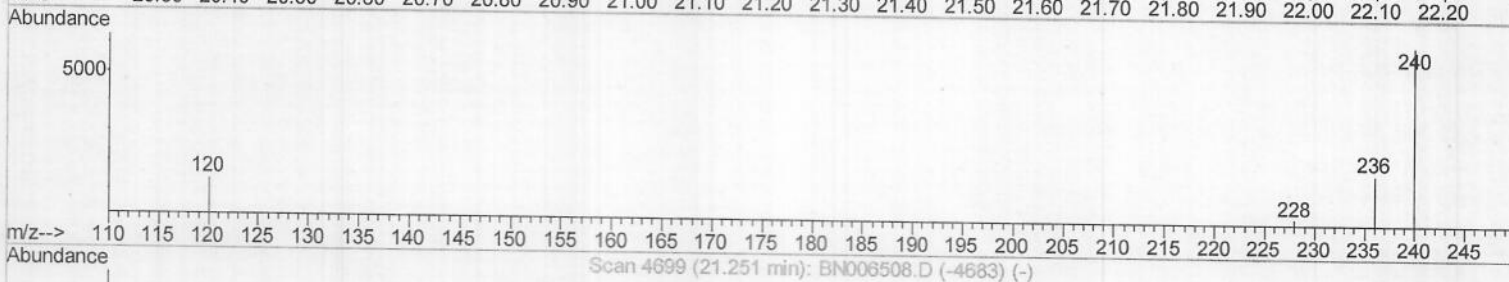
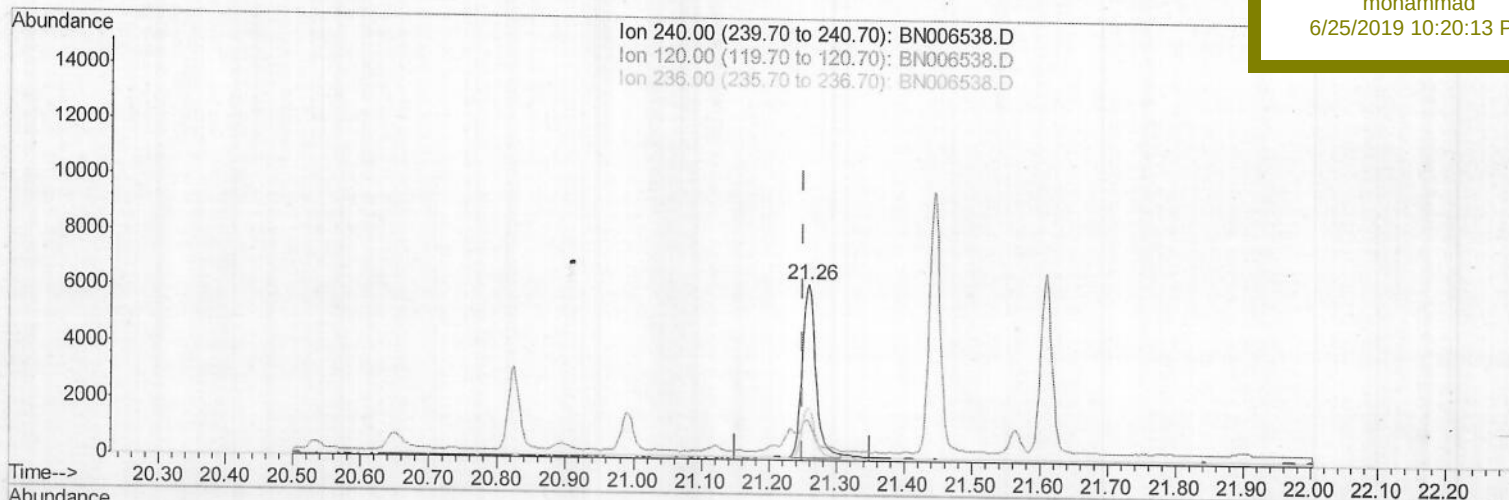
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
 Data File : BN006538.D
 Acq On : 24 Jun 2019 19:21
 Operator : HP/JU
 Sample : K3362-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:21:59 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 : Tue Jun 25 07:15:41 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 A4212

Manual Integrations
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 6/25/2019 10:20:13 PM



(16) Chrysene-d12 (I)

21.259min (+0.009) 0.40ng/ul m

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response 8632

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	22.18
236.00	30.10	30.18
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:23:21 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 : Tue Jun 25 07:15:41 2019

Response via : Initial Calibration

Instrument :

BNA_N

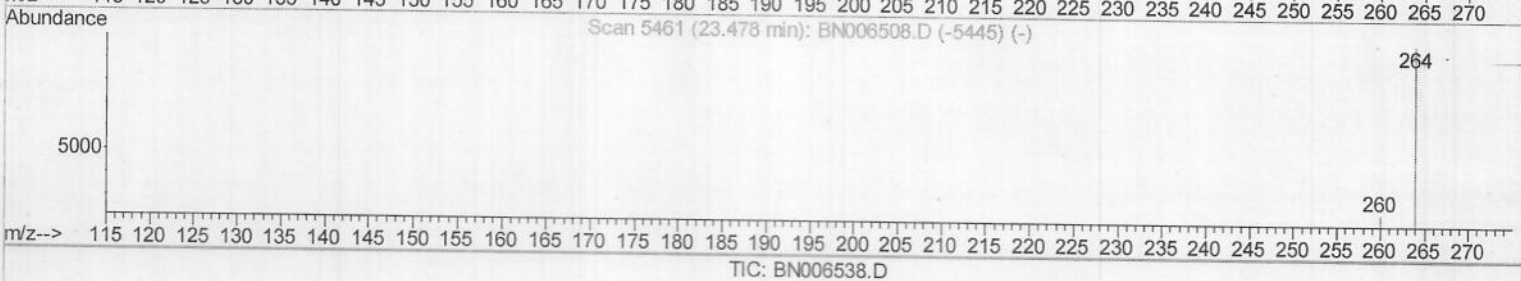
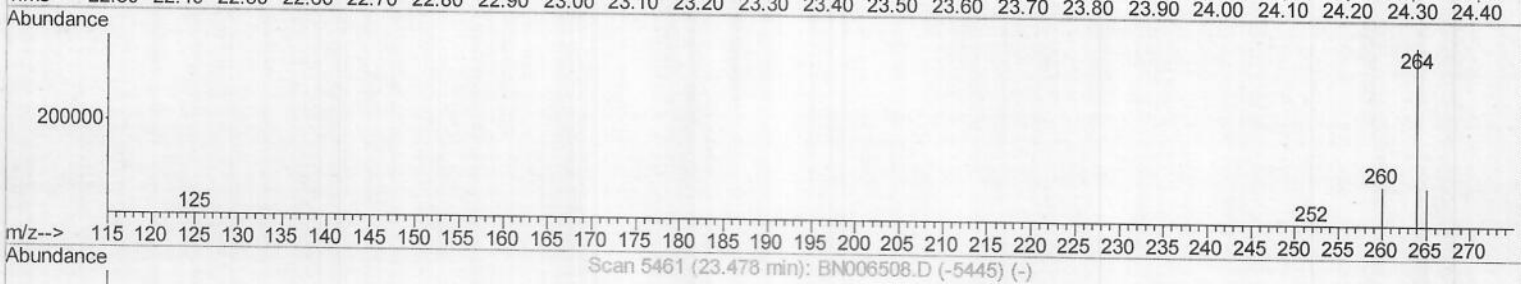
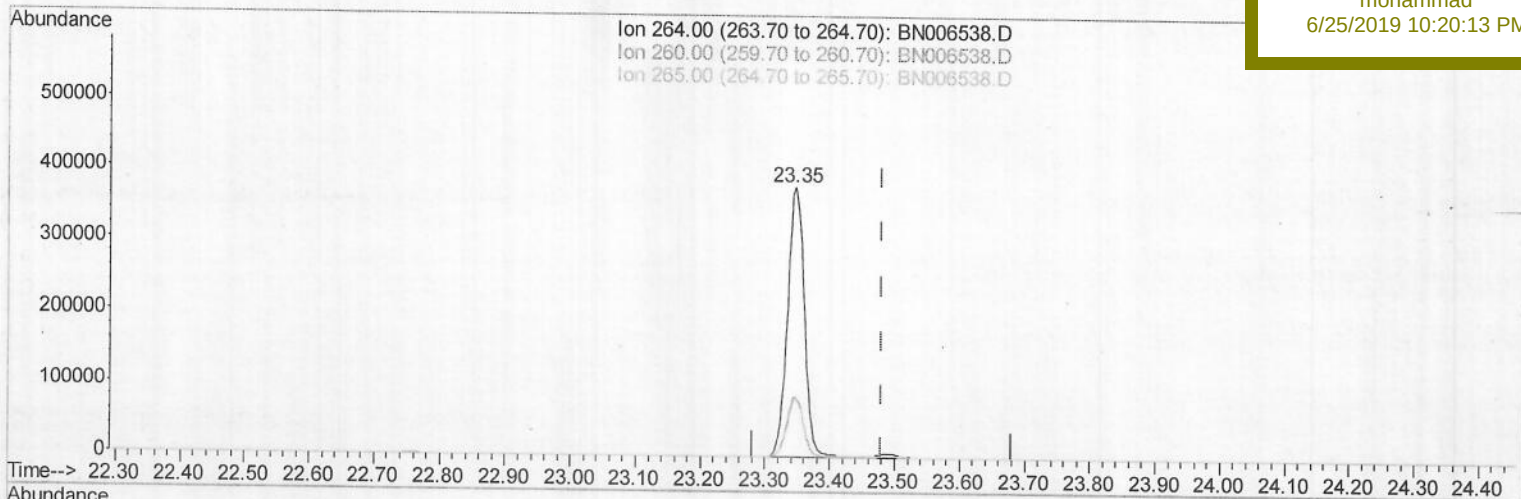
ClientSampleId :

A4212

Manual Integrations
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(20) Perylene-d12 (I)

23.346min (-0.134) 0.40ng/ul

response 678367

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.38#
265.00	44.70	21.37#
0.00	0.00	0.00

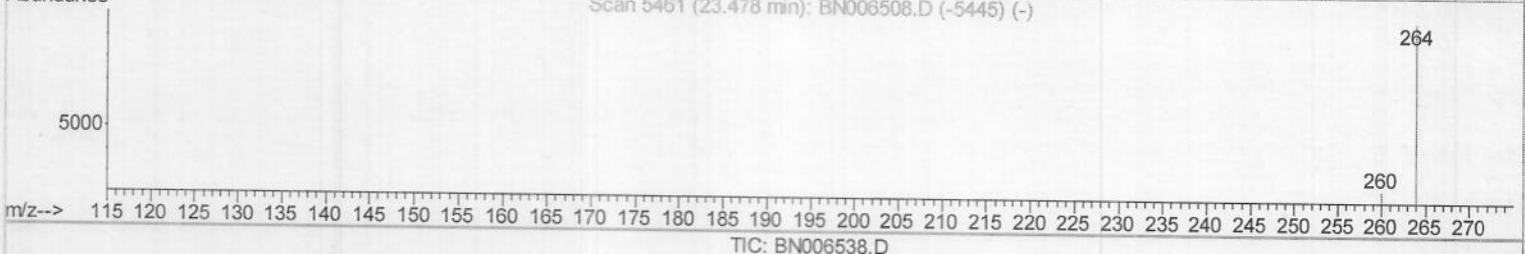
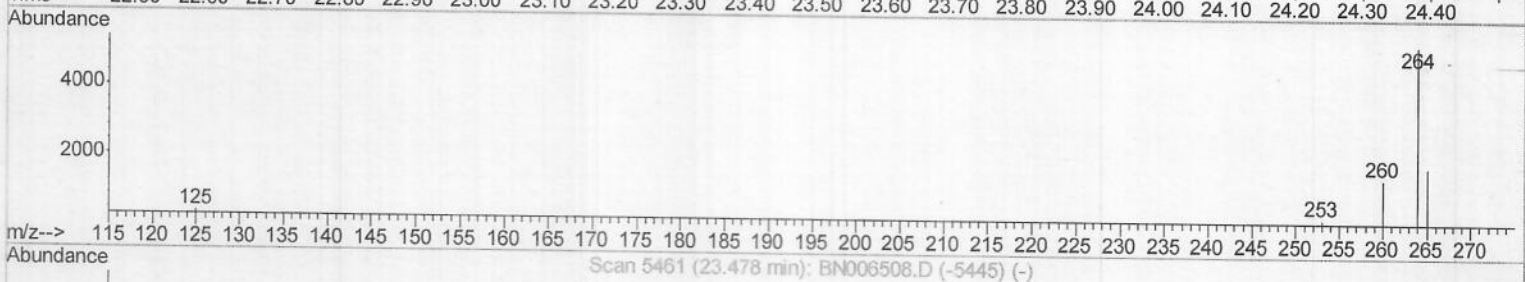
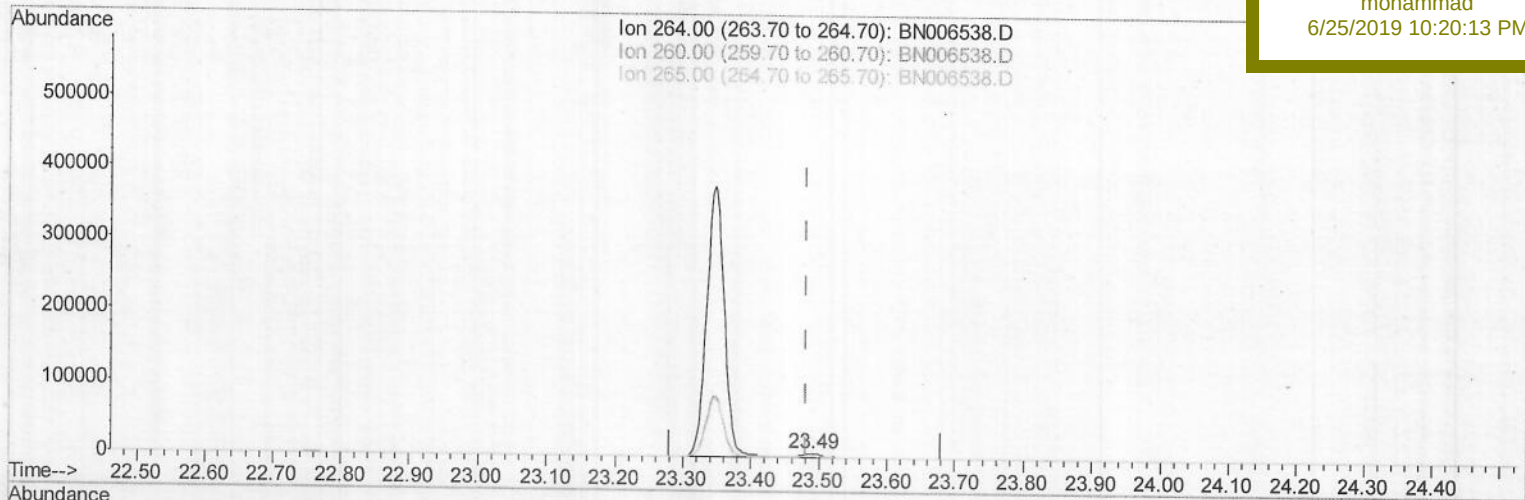
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
Data File : BN006538.D
Acq On : 24 Jun 2019 19:21
Operator : HP/JU
Sample : K3362-24
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:23:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
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(20) Perylene-d12 (I)

23.489min (+0.009) 0.40ng/ul m

response 7924

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.94
265.00	44.70	34.25#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:23:59 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 : Tue Jun 25 07:15:41 2019

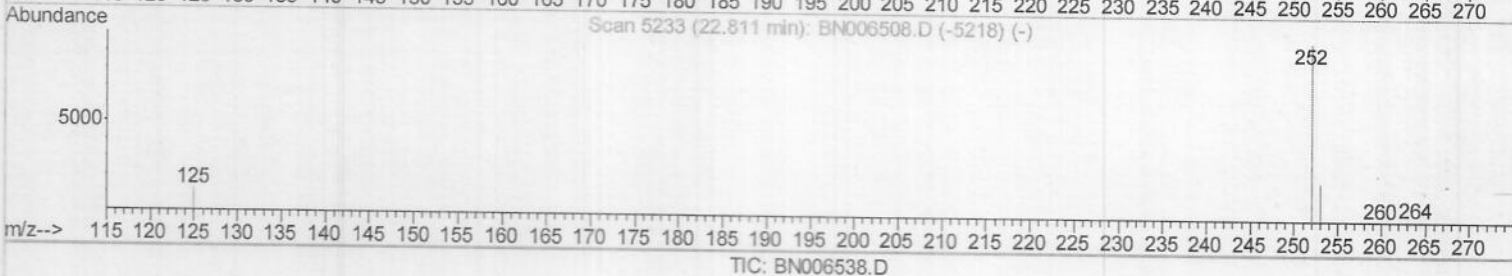
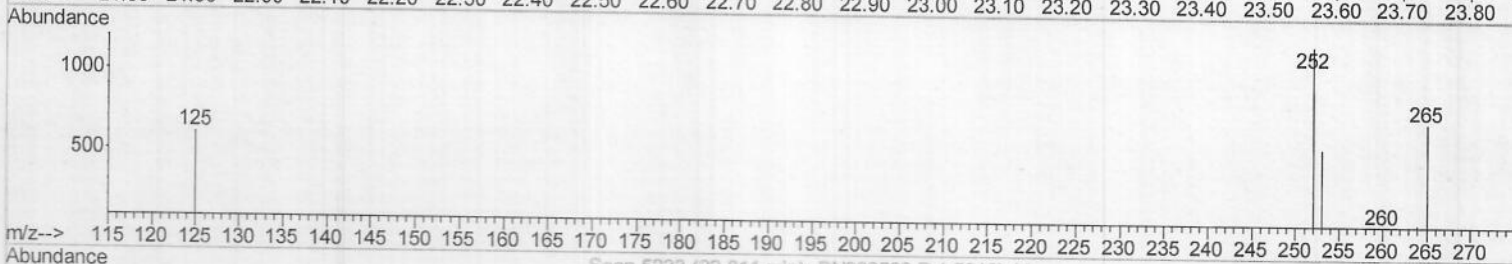
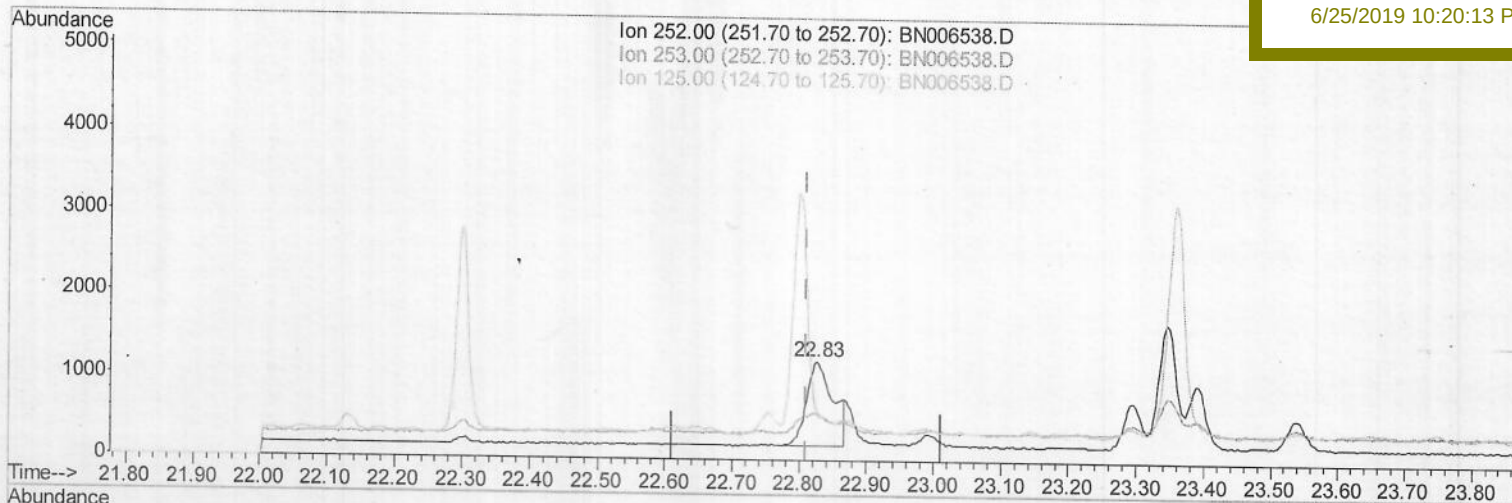
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
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(21) Benzo(b)fluoranthene

22.826min (+0.015) 0.08ng/ul

response 2779

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	47.02
125.00	20.50	49.92#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\

Data File : BN006538.D

Acq On : 24 Jun 2019 19:21

Operator : HP/JU

Sample : K3362-24

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 12:23:59 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 : Tue Jun 25 07:15:41 2019

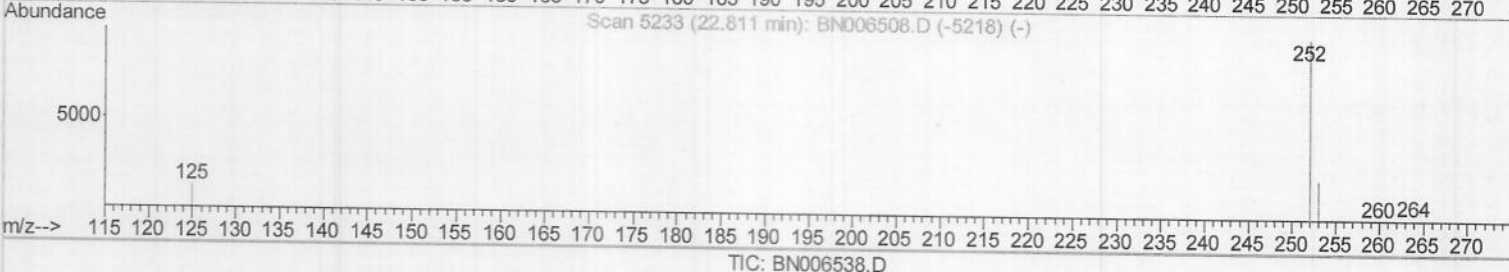
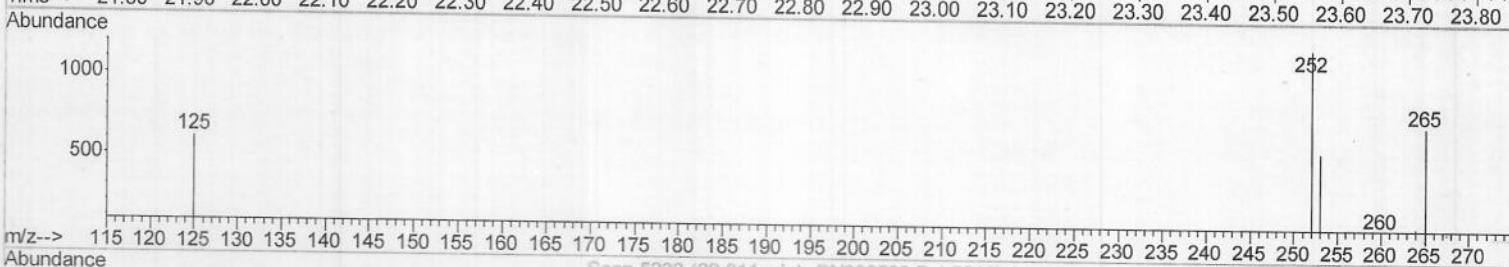
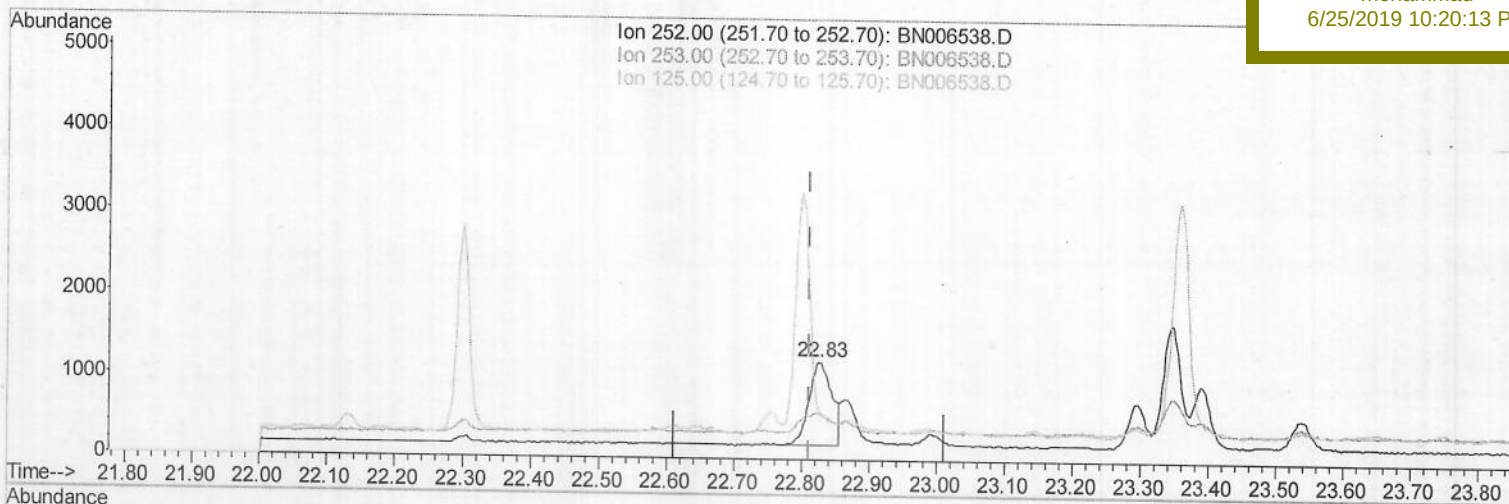
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A4212

Manual Integrations
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(21) Benzo(b)fluoranthene

22.826min (+0.015) 0.07ng/ul m

response 2402

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	47.02
125.00	20.50	49.92#
0.00	0.00	0.00

JU 06/26/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062419\
 Data File : BN006538.D
 Acq On : 24 Jun 2019 19:21
 Operator : HP/JU
 Sample : K3362-24
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 ALS Vial : 16 Sample Multiplier: 1

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4195	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	14902	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7175	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	12930m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	8632m	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	7924m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6317	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	11055m	0.32	ng/ul	0.00
Target Compounds						
15) Fluoranthene	19.11	202	3146m	0.069	ng/ul	Qvalue
17) Pyrene	19.47	202	2478	0.054	ng/ul#	81
18) Benzo(a)anthracene	21.24	228	1559	0.041	ng/ul#	84
19) Chrysene	21.30	228	1533	0.043	ng/ul#	88
21) Benzo(b)fluoranthene	22.83	252	2402m	0.073	ng/ul	

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

JU
 06/26/19