

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:52:11 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 :

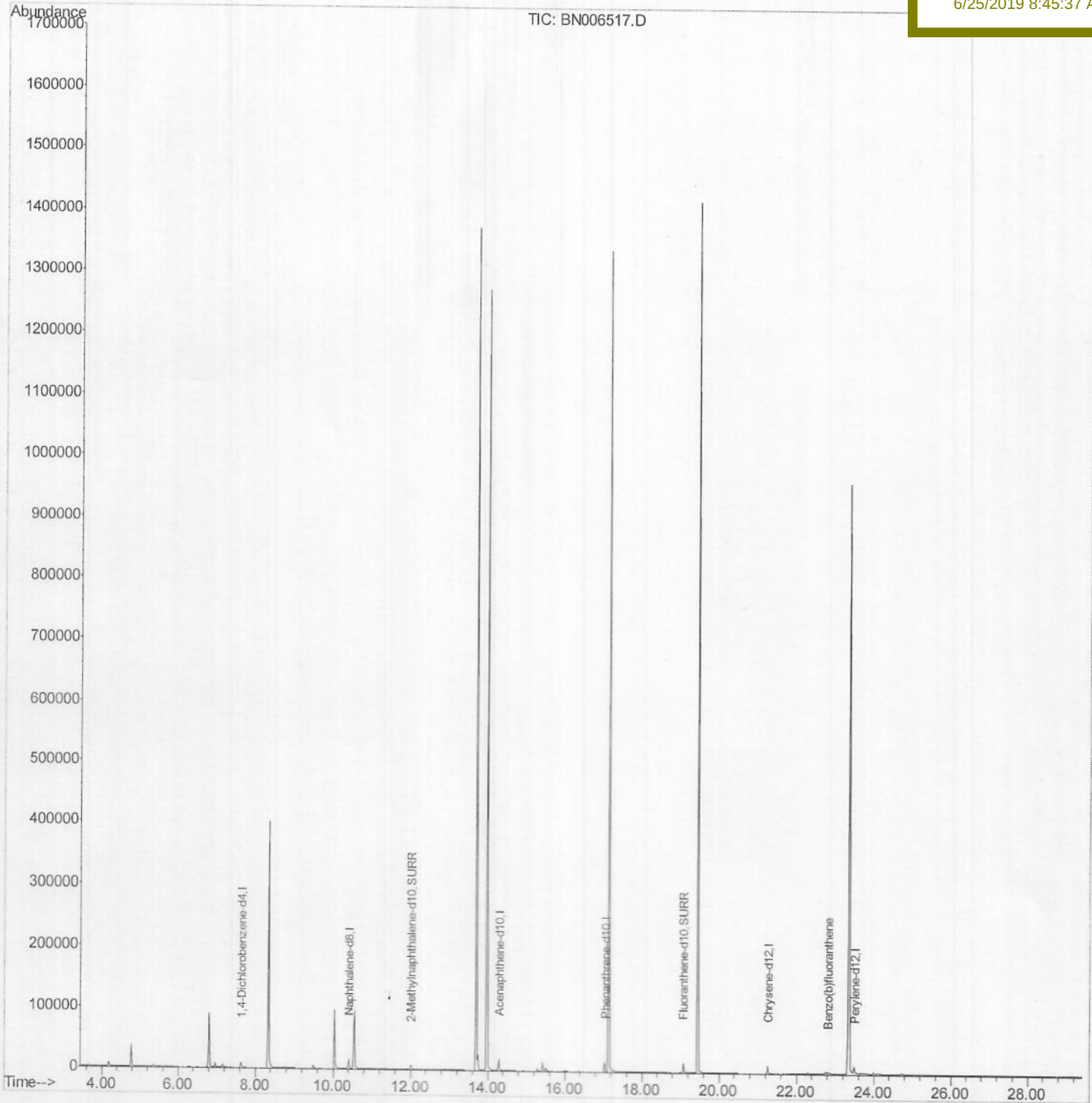
A41X2

Manual Integrations

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mohammad

6/25/2019 8:45:37 AM



Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:00 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

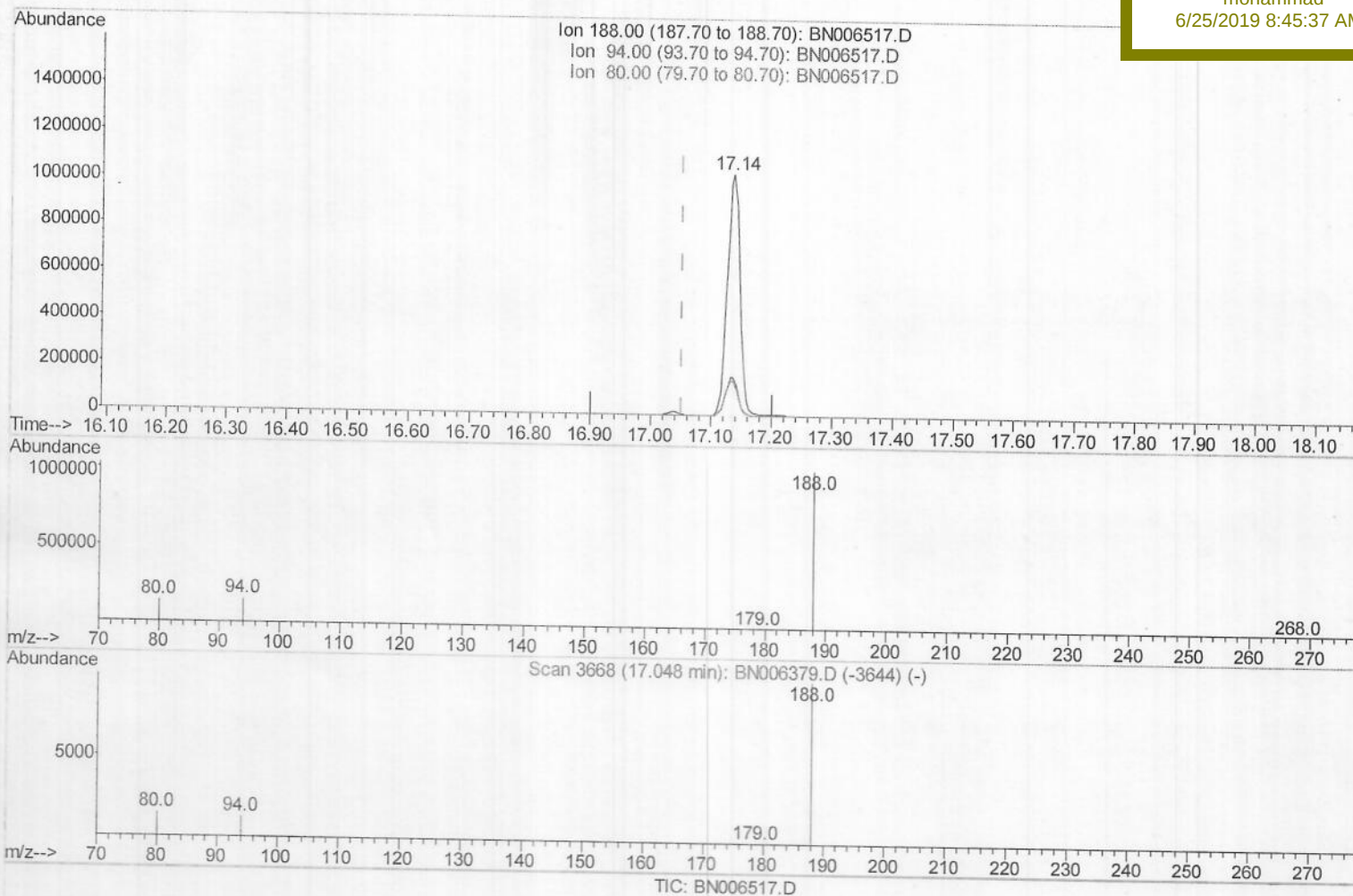
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:37 AM

(10) Phenanthrene-d10 (I)

17.137min (+0.084) 0.40ng/ul

response 1493331

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	15.40
80.00	13.60	14.03
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:00 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 :

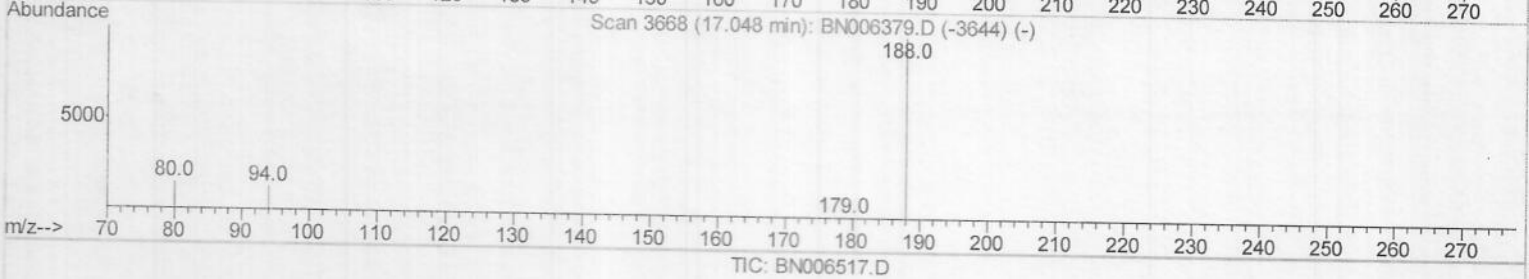
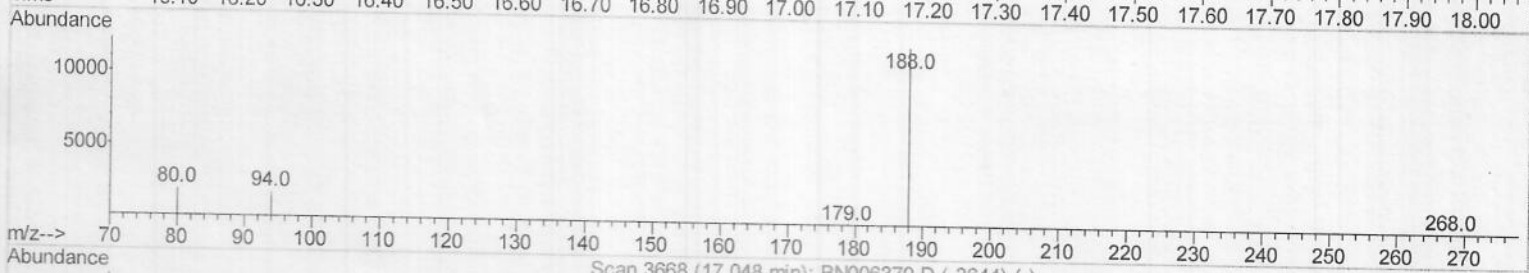
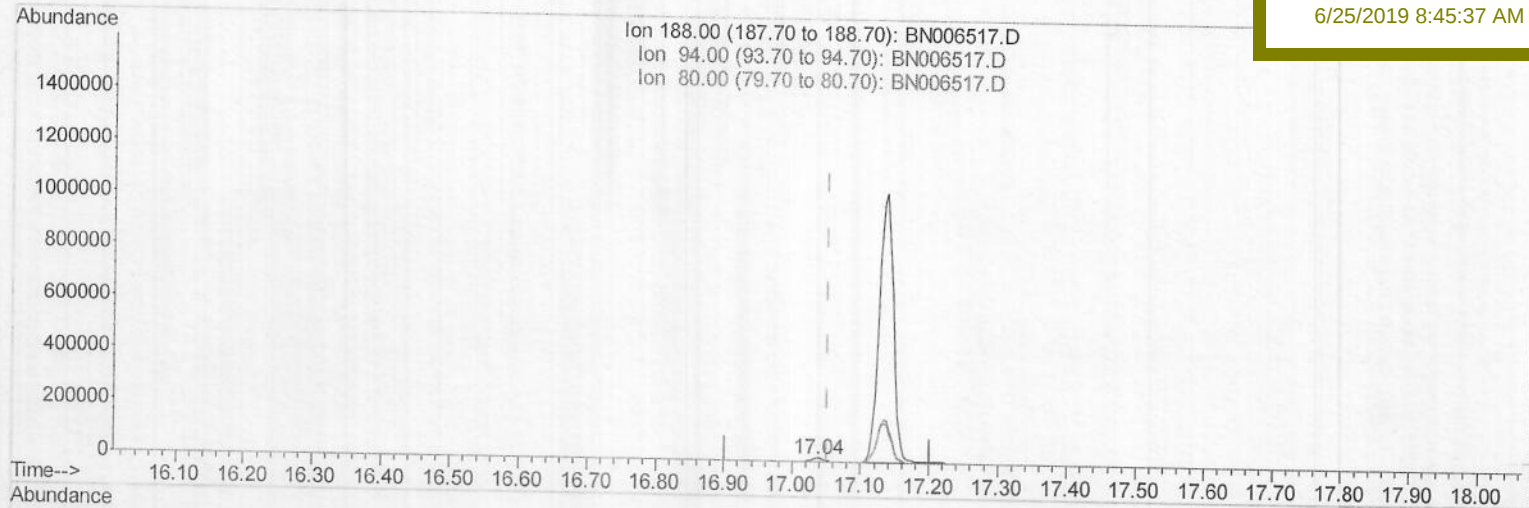
A41X2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:37 AM



(10) Phenanthrene-d10 (I)

17.035min (-0.017) 0.40ng/ul m > JV 06/26/19

response 17422

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	14.07
80.00	13.60	15.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:31 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 :

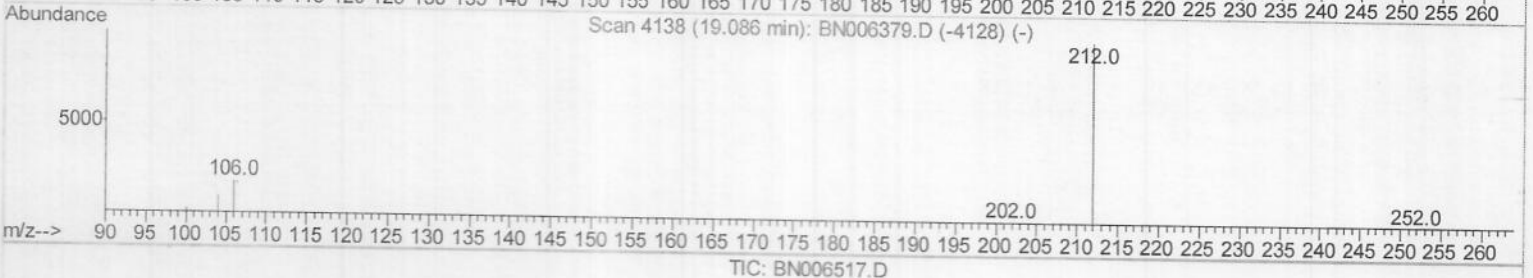
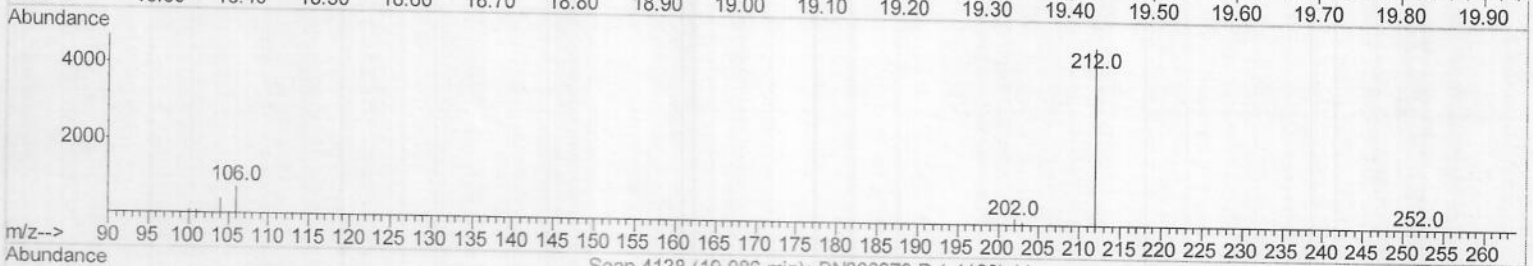
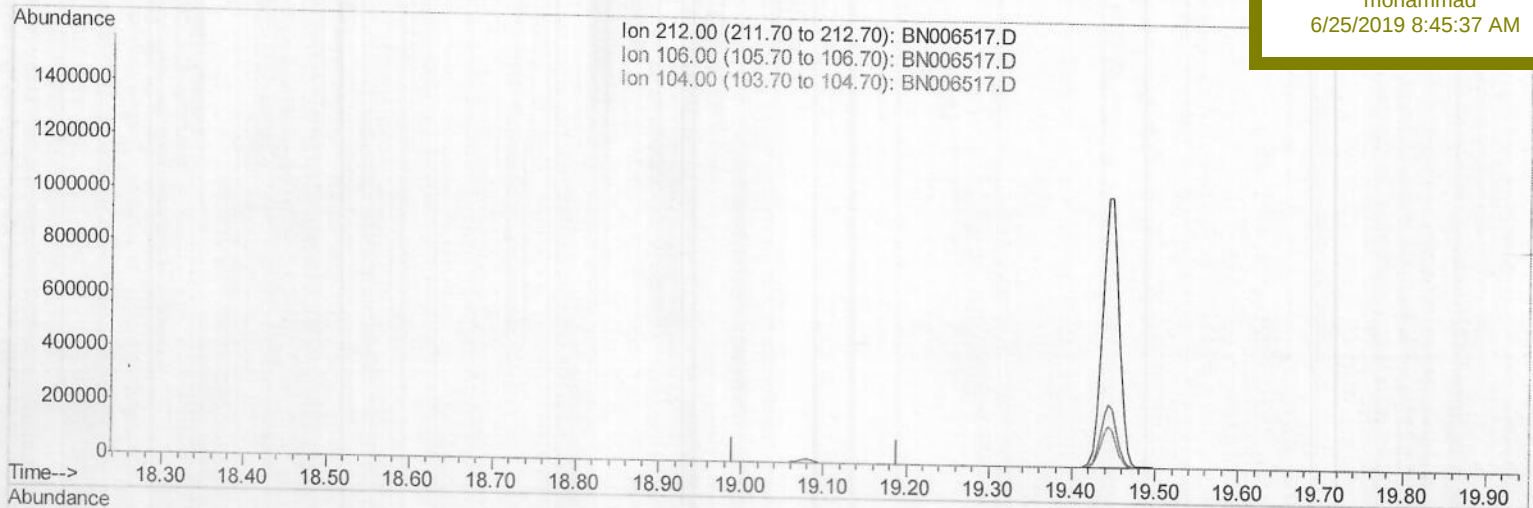
A41X2

Manual Integrations

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mohammad

6/25/2019 8:45:37 AM



(14) Fluoranthene-d10 (SURR)

19.090min (-19.090) 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\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:31 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

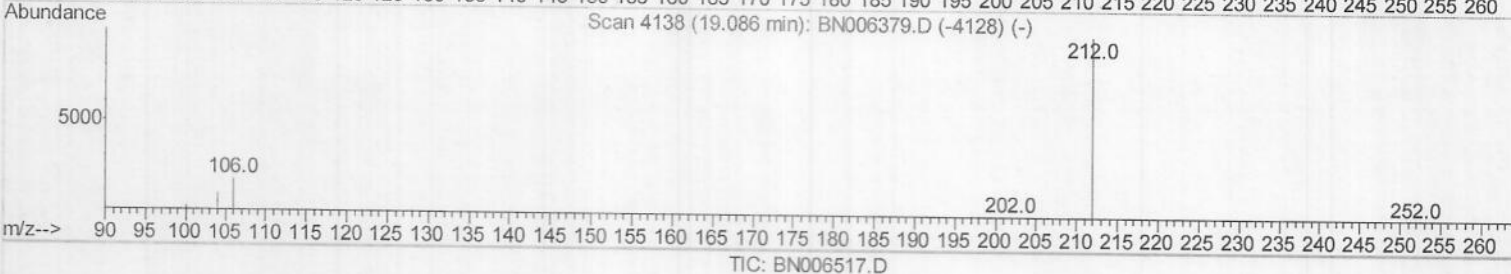
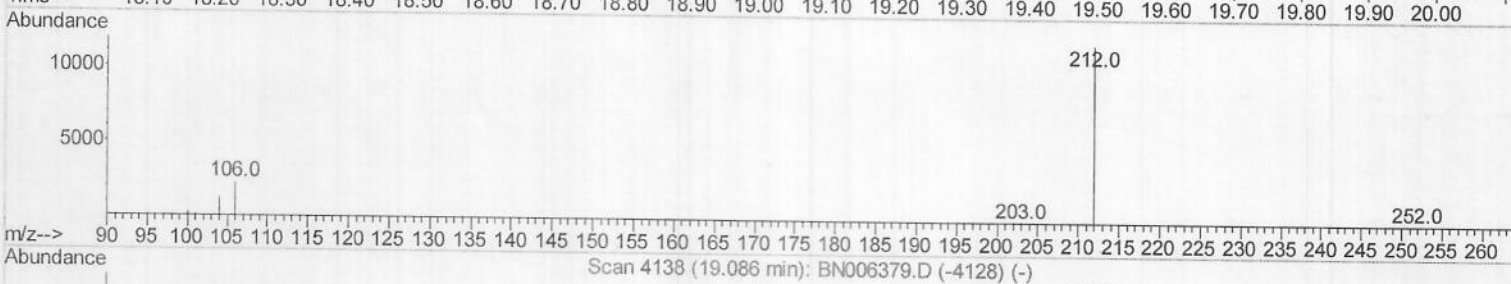
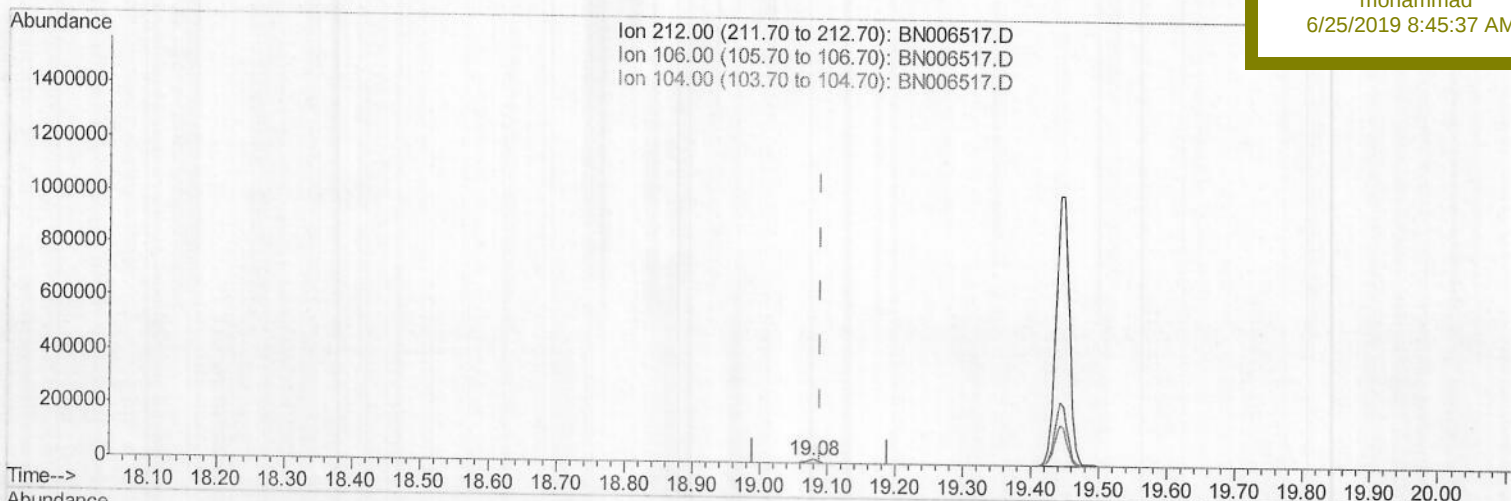
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

A41X2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:37 AM

(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.36ng/ul m

> JU 06/26/19

response 16717

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\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:31 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 :

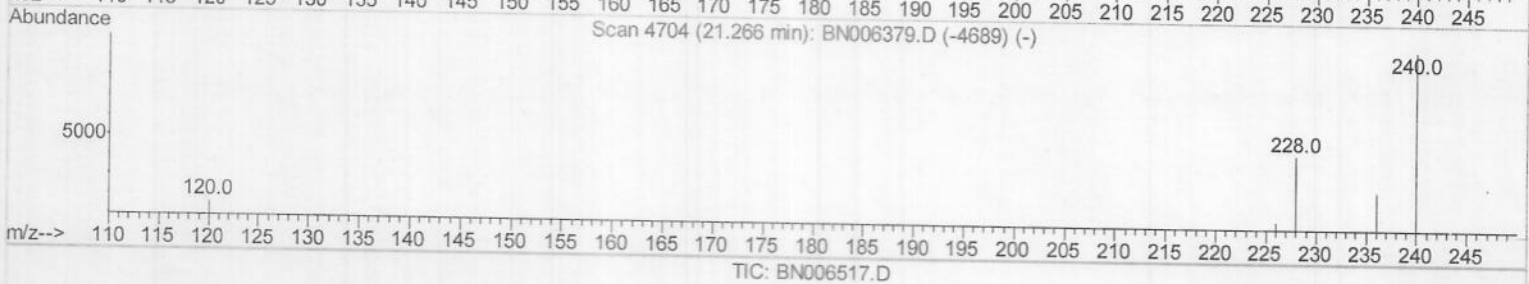
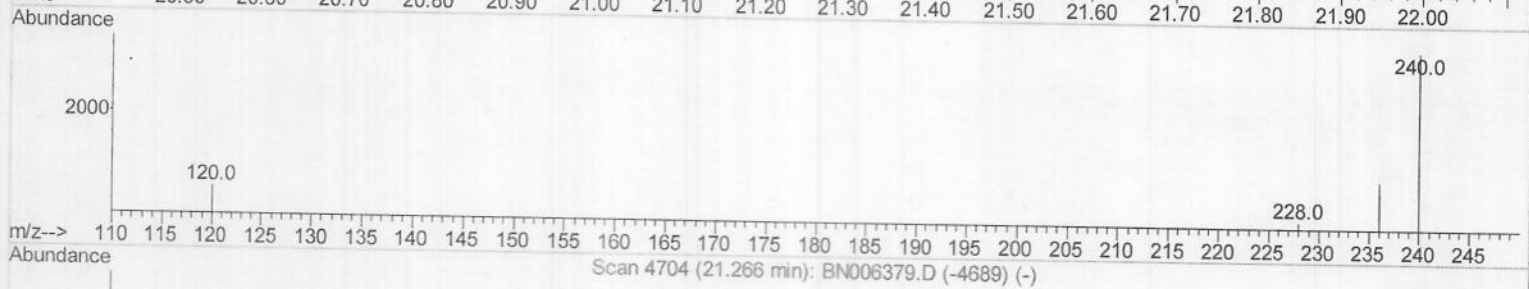
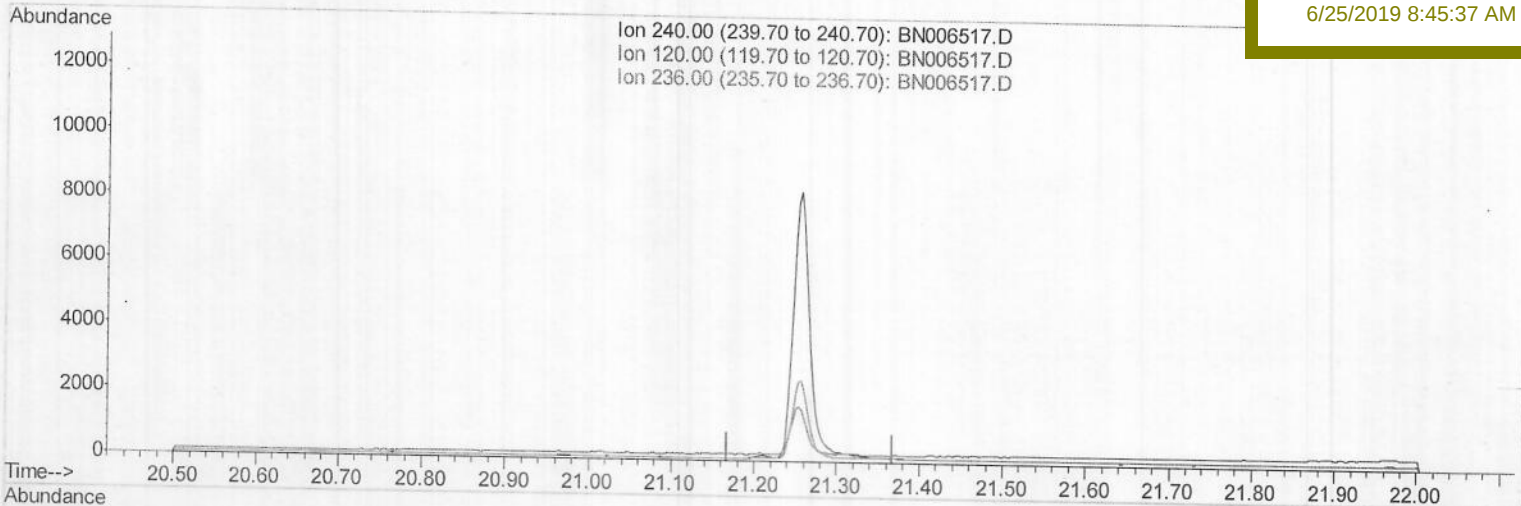
A41X2

Manual Integrations

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6/25/2019 8:45:37 AM



(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\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:47:31 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

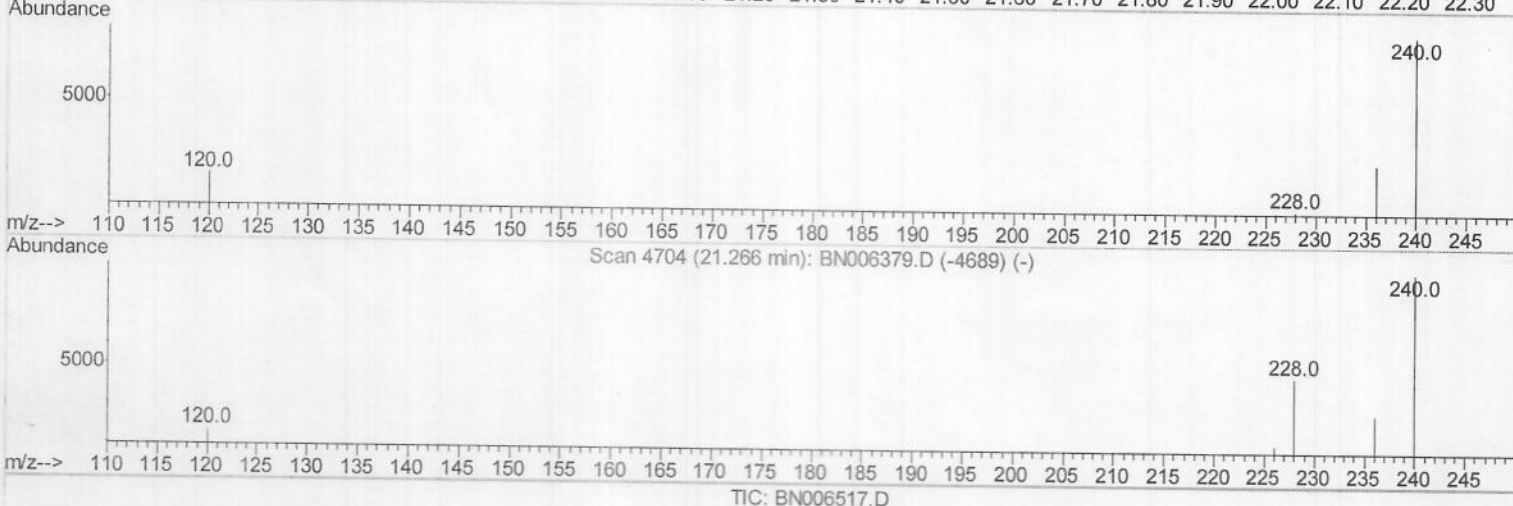
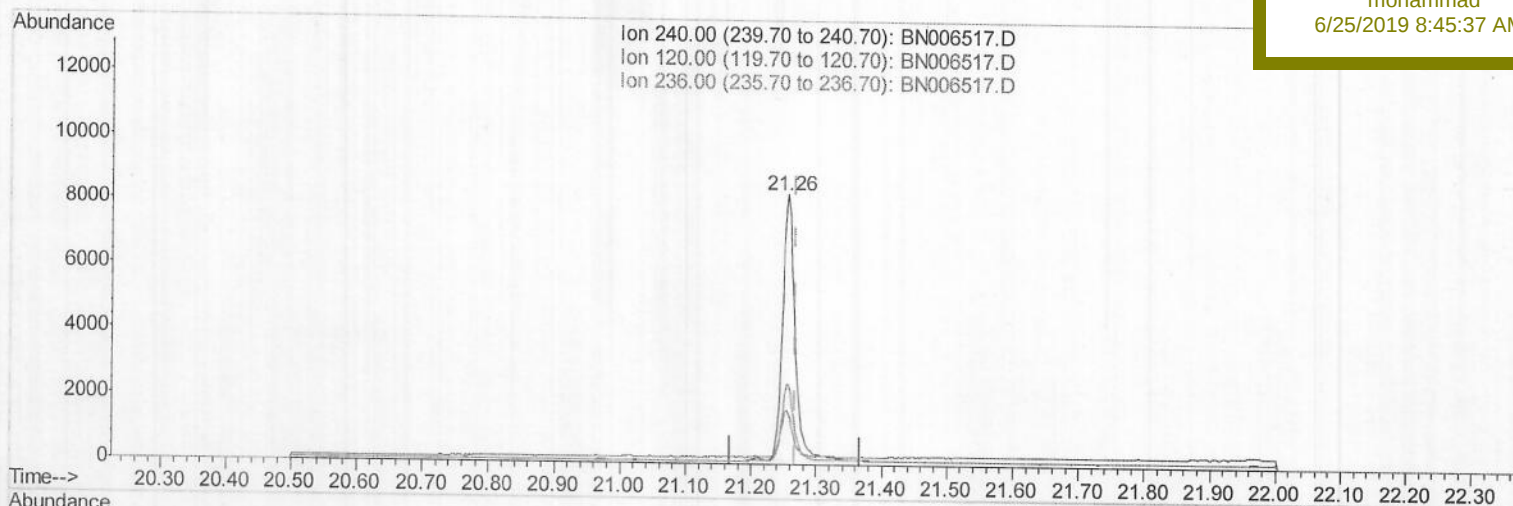
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:37 AM

(16) Chrysene-d12 (I)

21.257min (-0.012) 0.40ng/ul m

> JU 06/26/19

response 11507

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	19.16
236.00	30.10	29.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:50:09 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 :

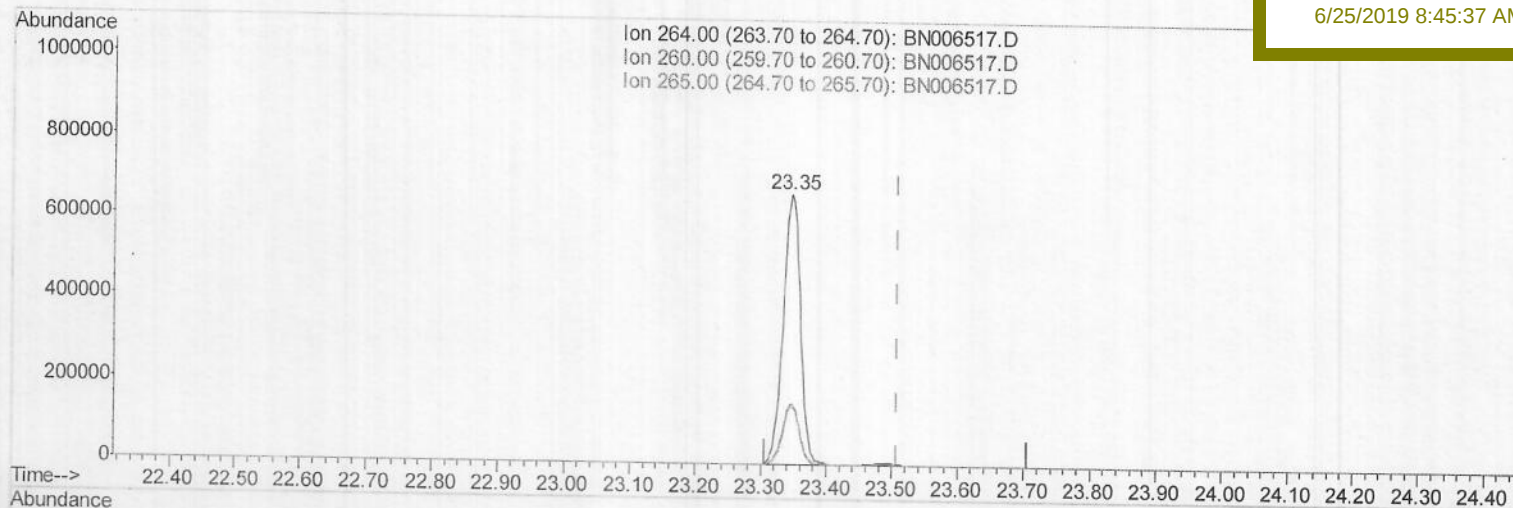
A41X2

Manual Integrations

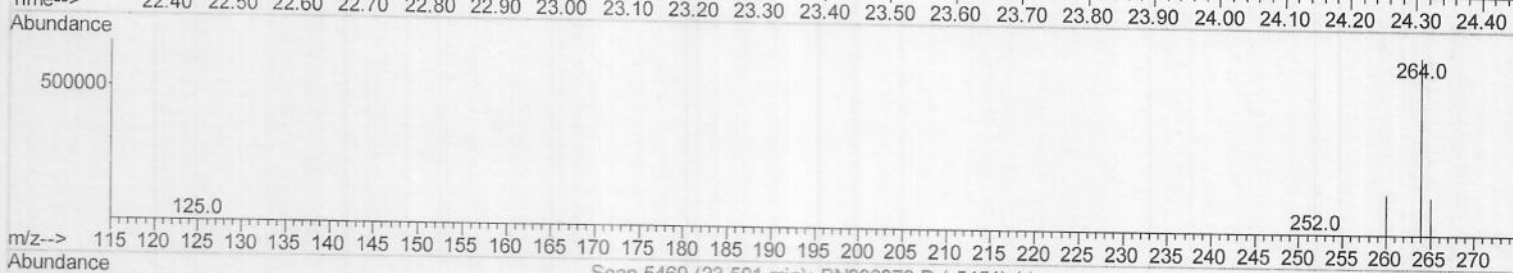
APPROVED

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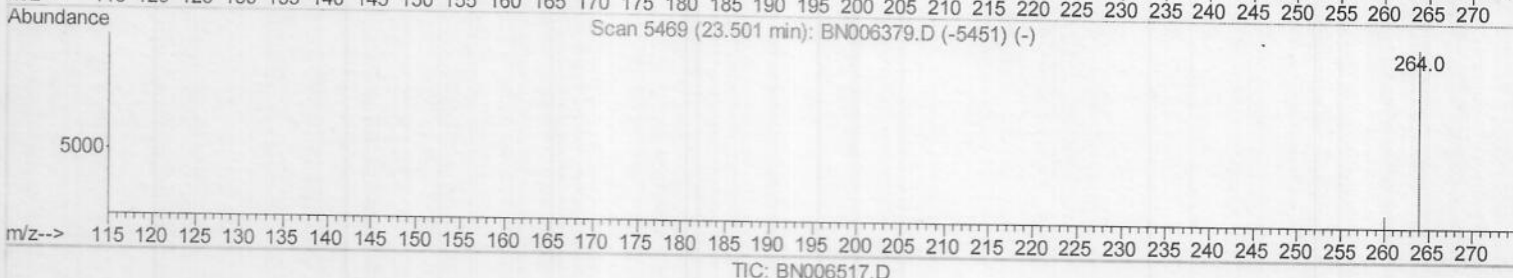
6/25/2019 8:45:37 AM



Ion 264.00 (263.70 to 264.70): BN006517.D
Ion 260.00 (259.70 to 260.70): BN006517.D
Ion 265.00 (264.70 to 265.70): BN006517.D



Scan 5469 (23.501 min): BN006379.D (-5451) (-)



(20) Perylene-d12 (I)

23.346min (-0.161) 0.40ng/ul

response 1205828

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.64#
265.00	44.70	21.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:50:09 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 :

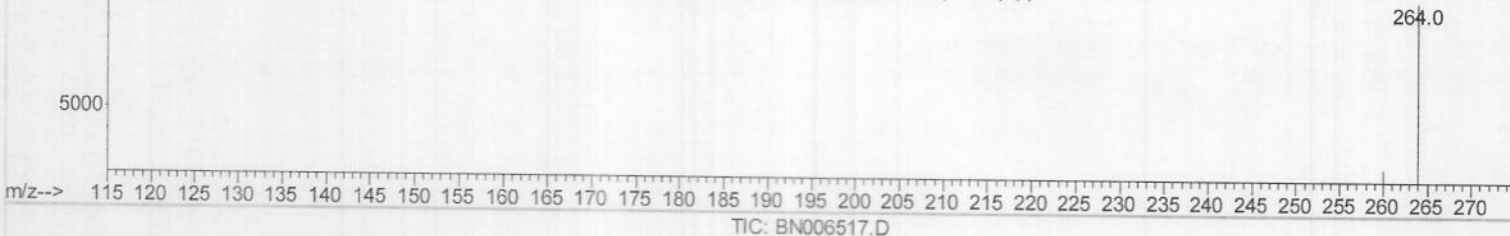
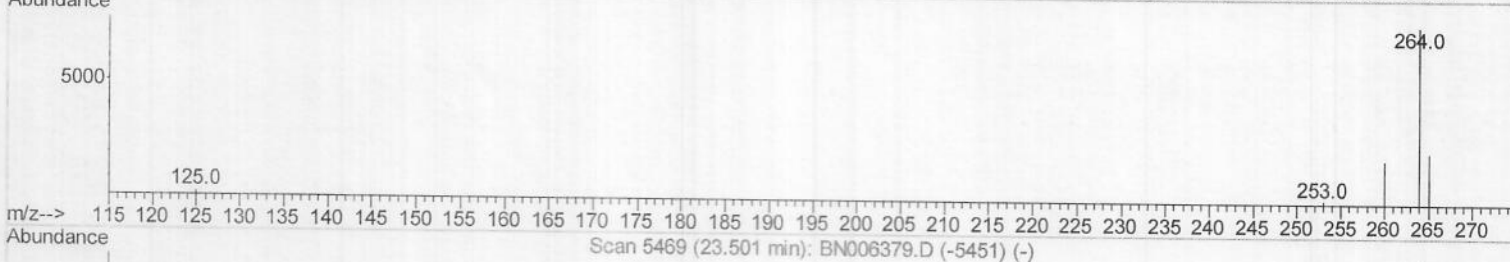
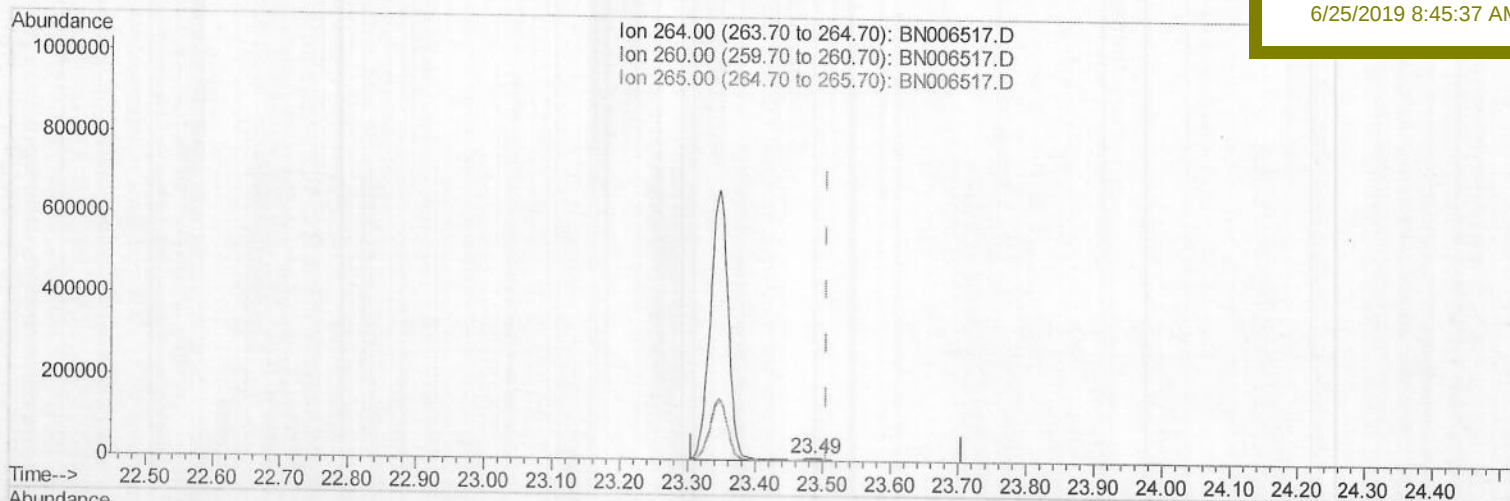
A41X2

Manual Integrations

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6/25/2019 8:45:37 AM



(20) Perylene-d12 (I)

23.487min (-0.020) 0.40ng/ul m > JU 06/26/19

response 11105

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.19
265.00	44.70	31.12#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:50:55 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

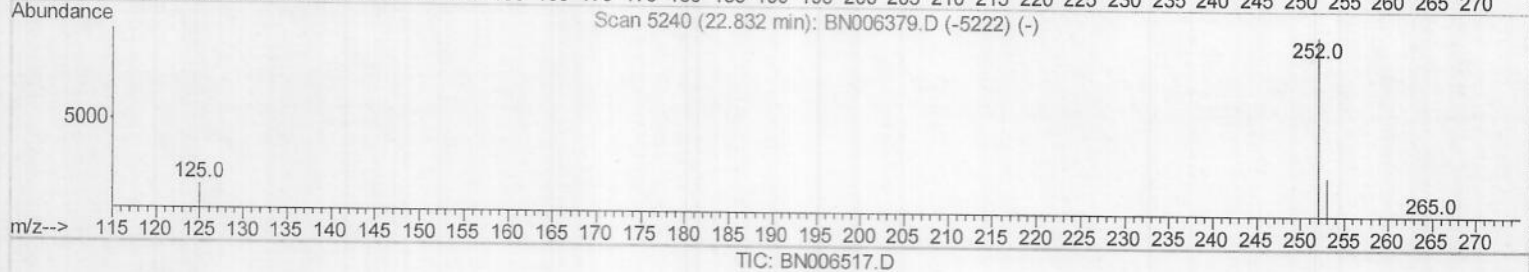
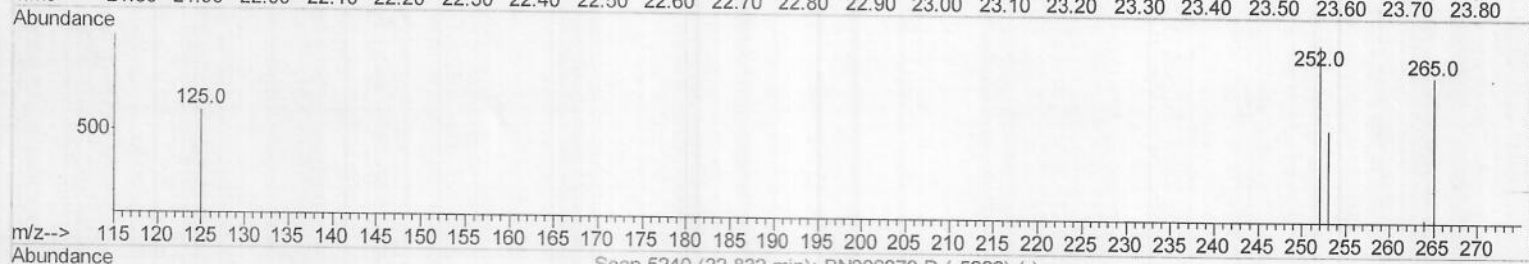
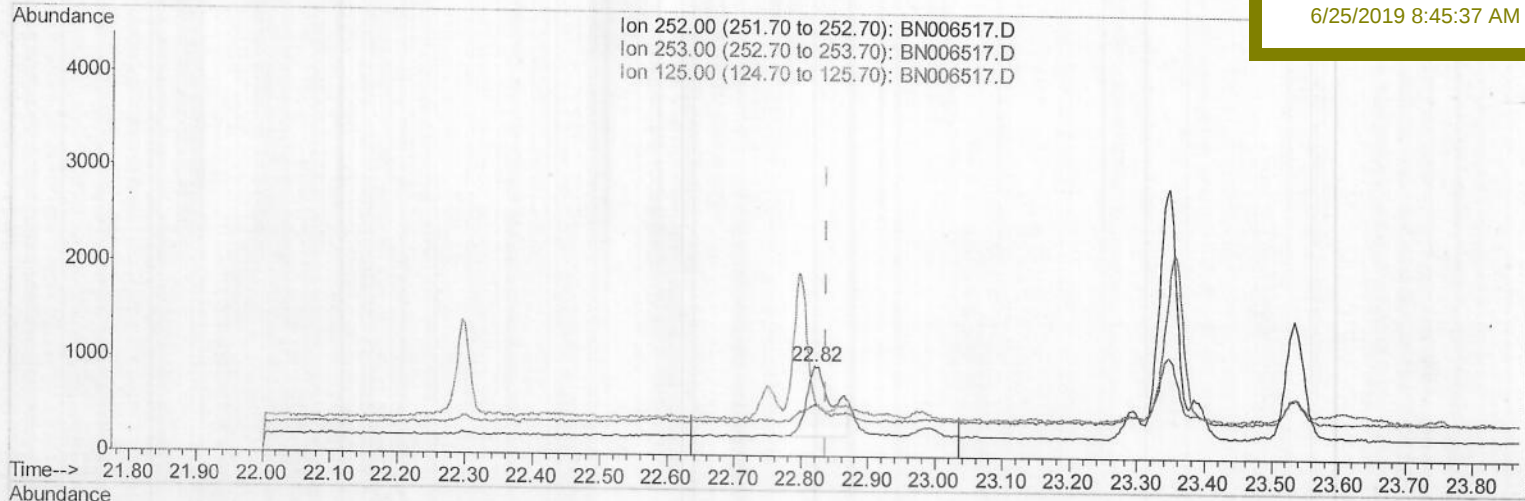
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41X2

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:37 AM

(21) Benzo(b)fluoranthene

22.820min (-0.017) 0.04ng/ul

response 1994

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	56.72#
125.00	20.50	62.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:50:55 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 :

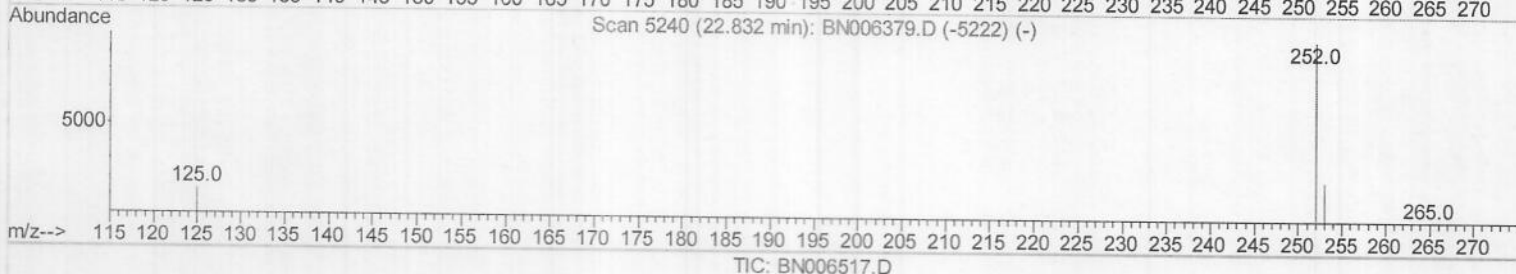
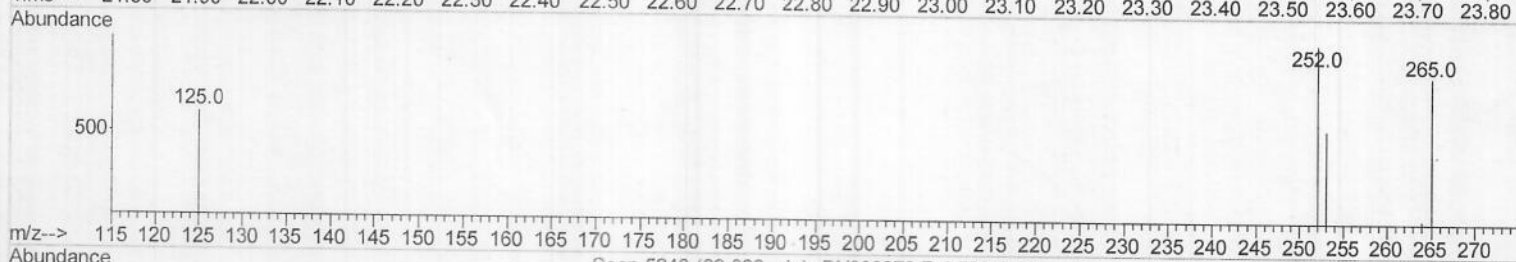
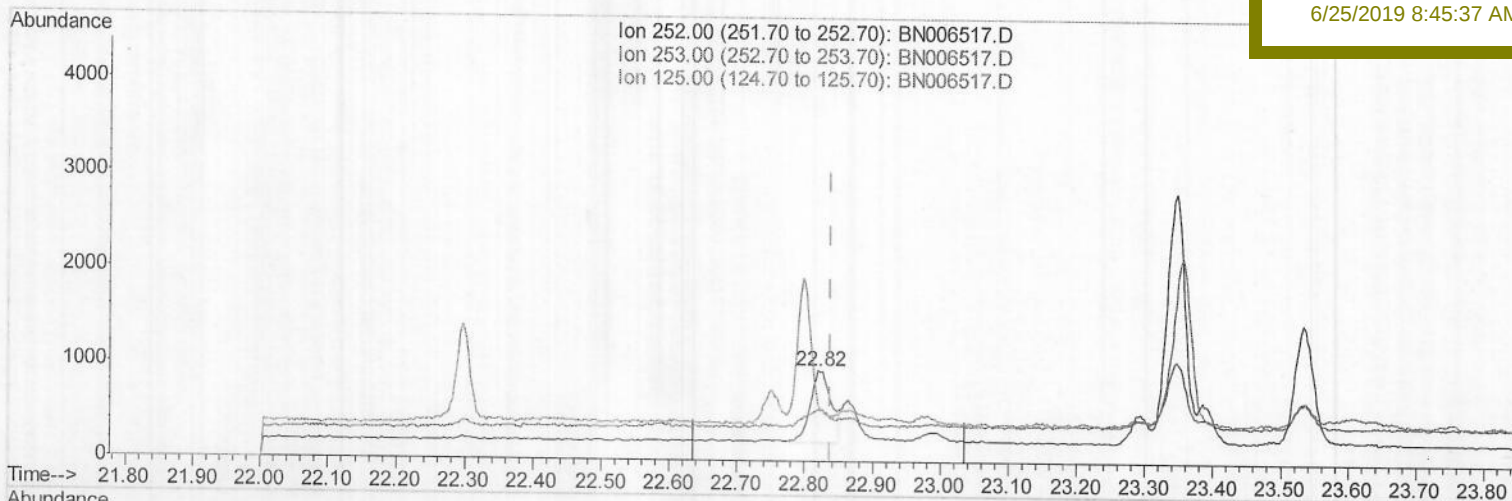
A41X2

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:37 AM



(21) Benzo(b)fluoranthene

22.820min (-0.017) 0.03ng/ul m

> JU 06/26/19

response 1581

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	56.72#
125.00	20.50	62.71#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN062219\

Data File : BN006517.D

Acq On : 23 Jun 2019 09:02

Operator : HP/JU

Sample : K3360-17

Misc :

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 24 08:52:11 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 :

A41X2

Manual Integrations
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6/25/2019 8:45:37 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5316	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	20010	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10222	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	17422m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	11507m	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	11105m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	10347	0.34	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	16717m	0.36	ng/ul	-0.01
Target Compounds						
21) Benzo(b)fluoranthene	22.82	252	1581m	0.034	ng/ul	Ovalue

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

JU
06/26/19