

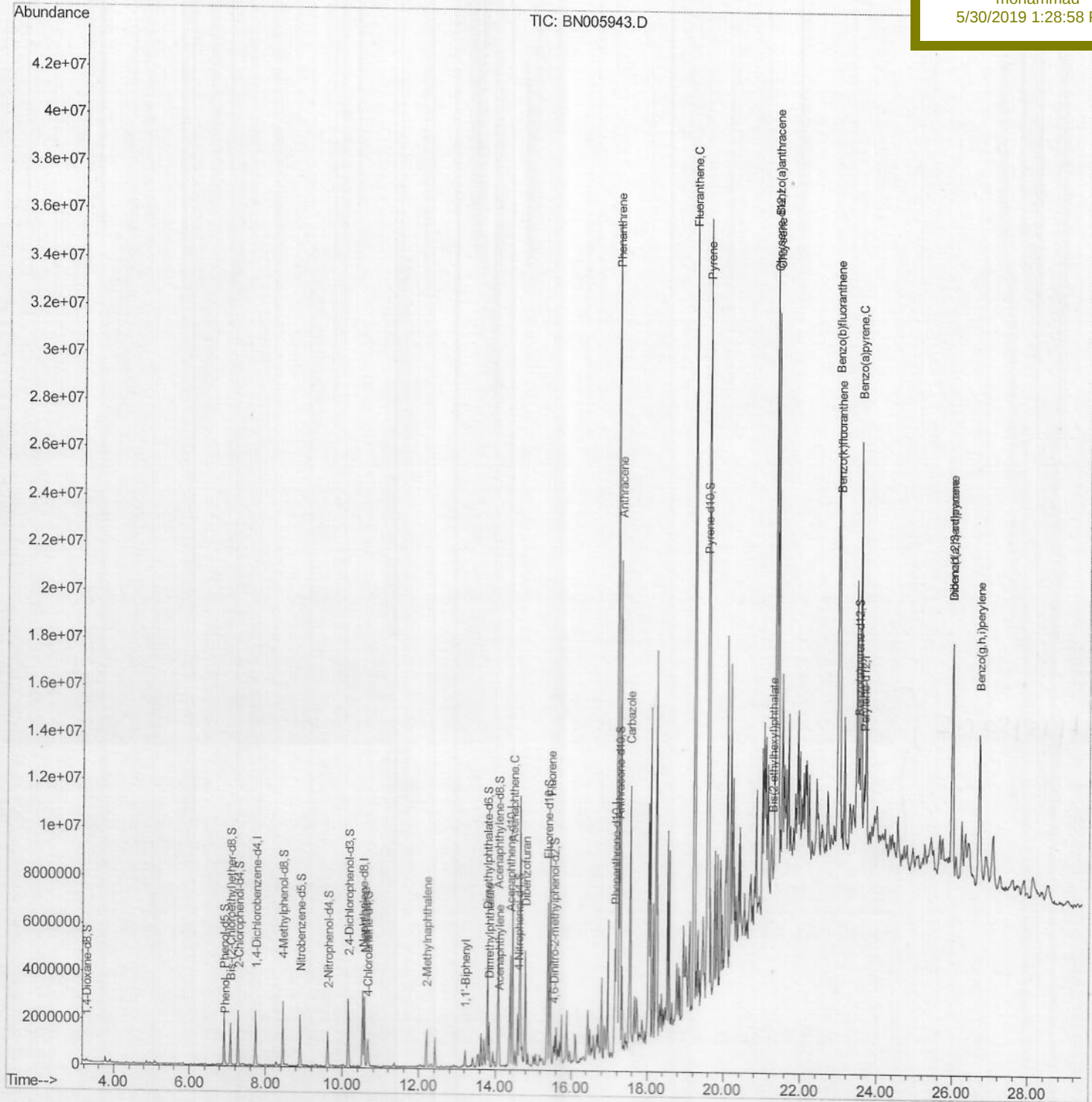
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005943.D
Acq On : 29 May 2019 22:33
Operator : JU/SJ
Sample : K2928-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:59:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
Client Sampled :
A42B8

Manual Integrations
APPROVED

mohammad
5/30/2019 1:28:58 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

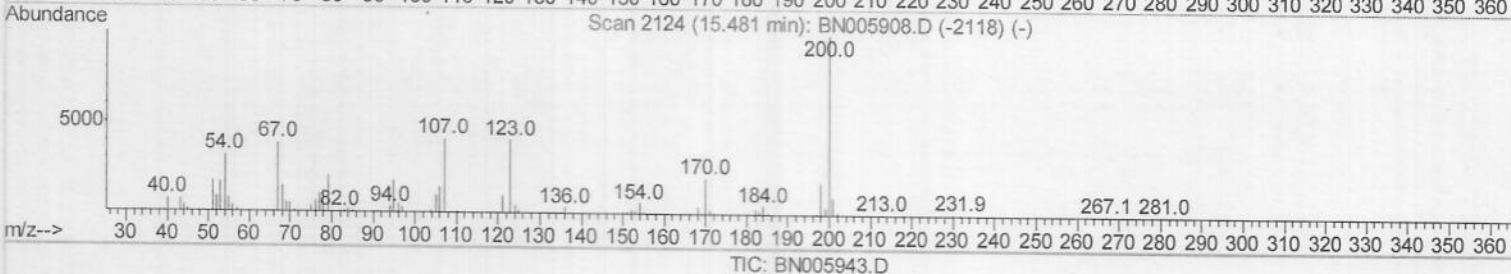
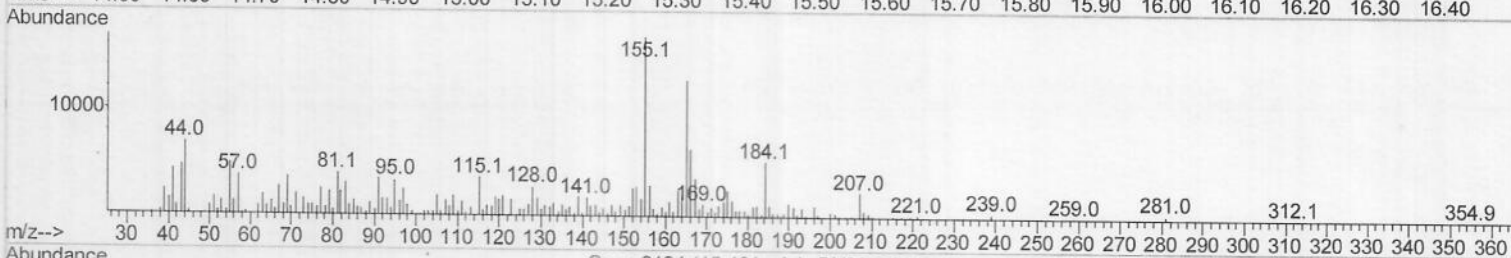
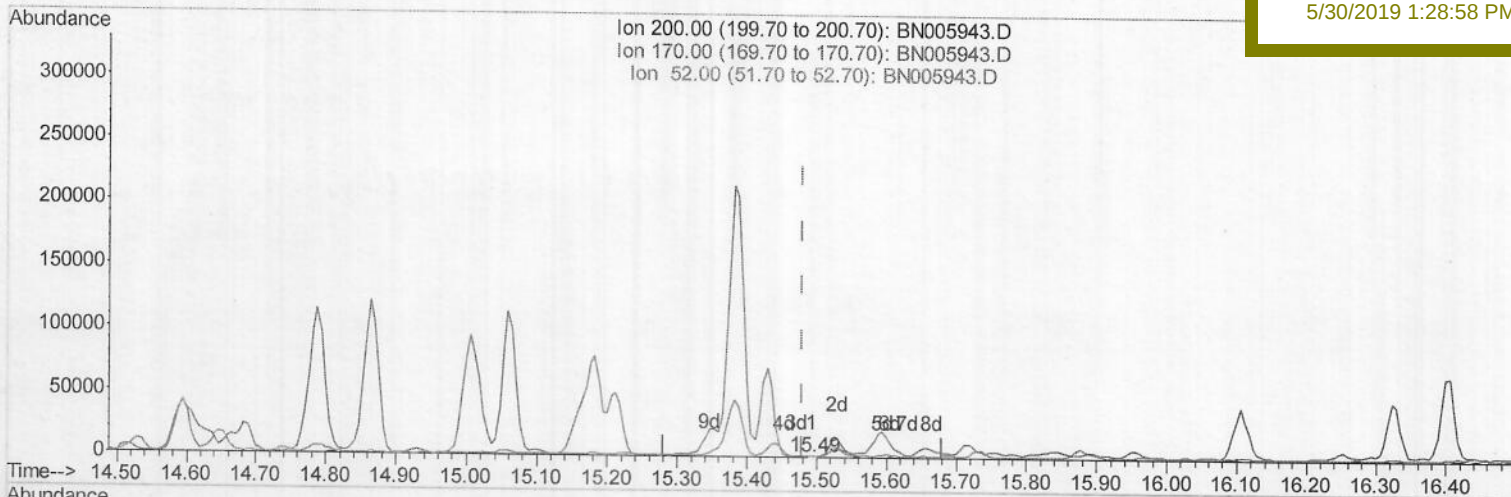
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.494min (+0.013) 0.03ng/ul

response 412

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	101.04#
52.00	49.60	89.60#
0.00	0.00	0.00

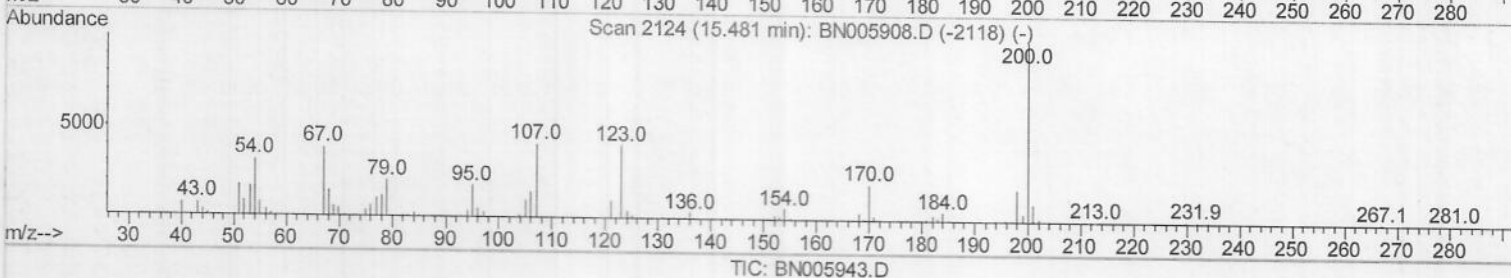
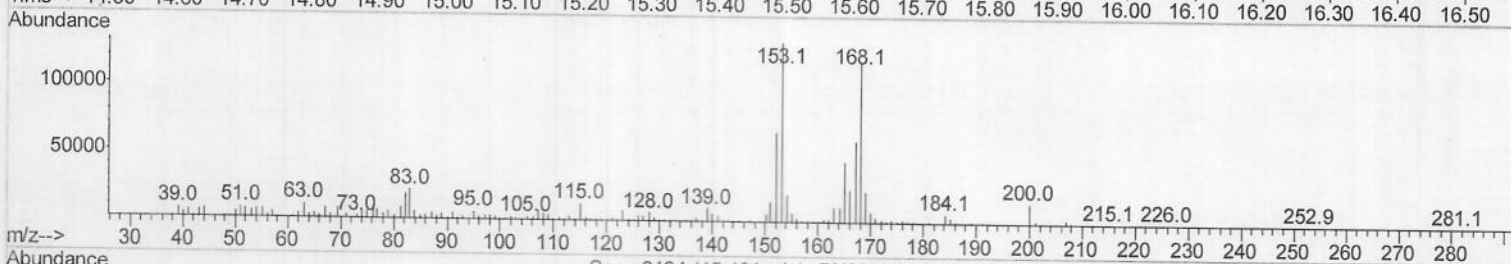
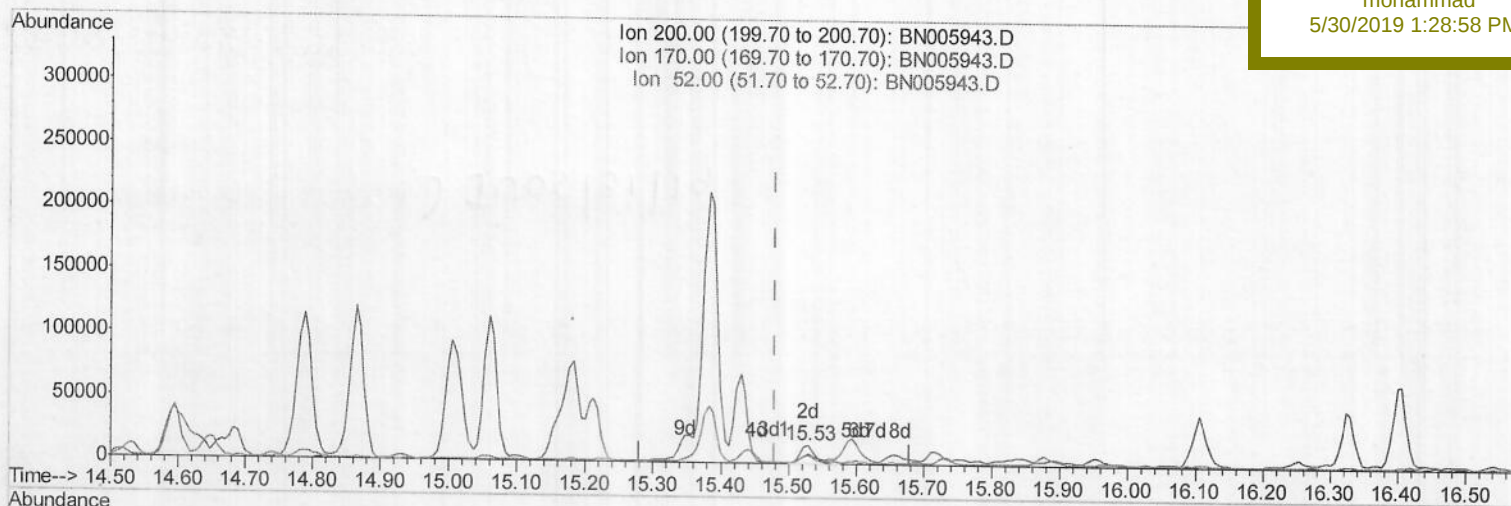
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005943.D
Acq On : 29 May 2019 22:33
Operator : JU/SJ
Sample : K2928-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42B8

Manual Integrations
APPROVED

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5/30/2019 1:28:58 PM



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.529min (+0.049) 1.72ng/ul m

JU06/05/19

response 21747

Ion	Exp%	Act%
200.00	100	100
170.00	22.60	51.80#
52.00	49.60	42.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

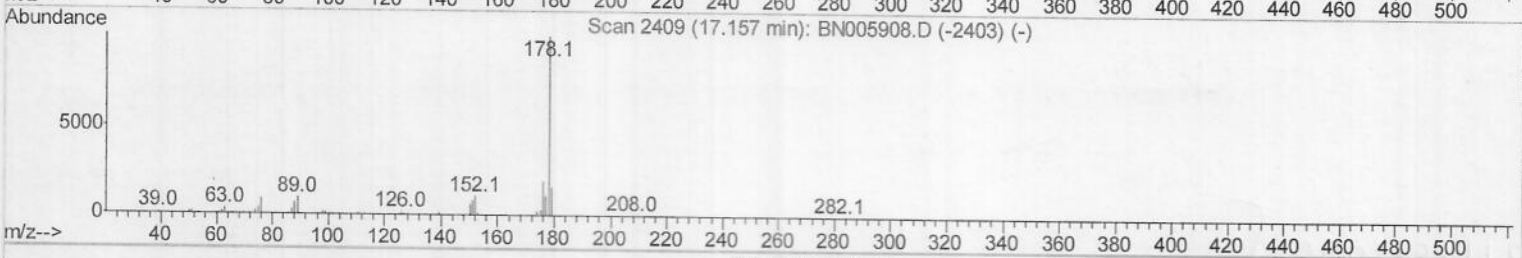
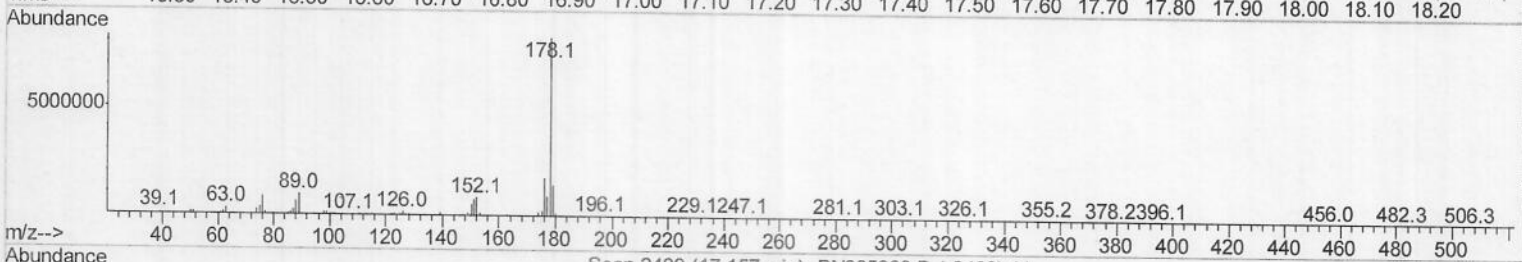
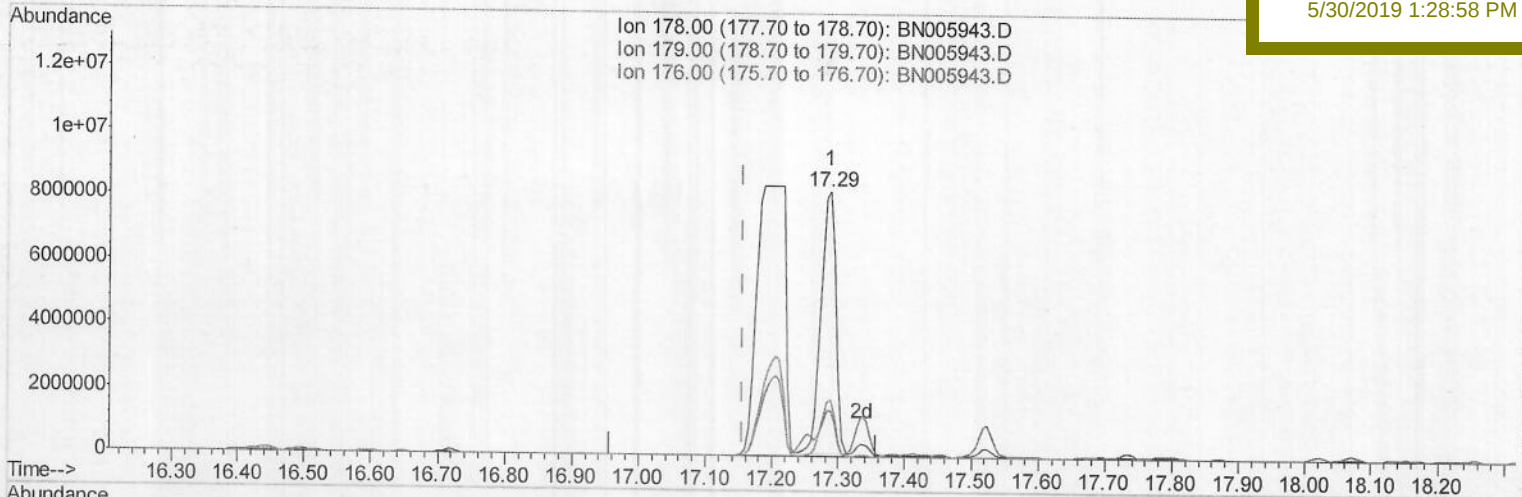
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



(69) Phenanthrene

17.288min (+0.131) 83.71ng/ul

response 12892246

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	17.07
176.00	18.90	21.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

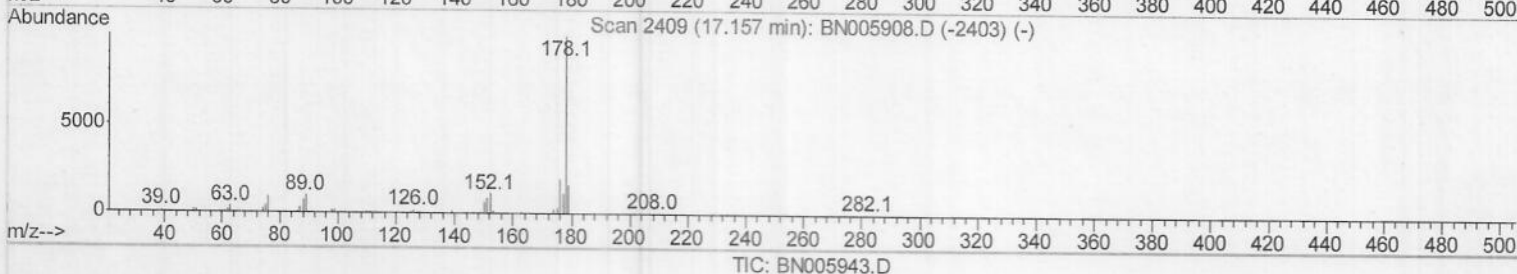
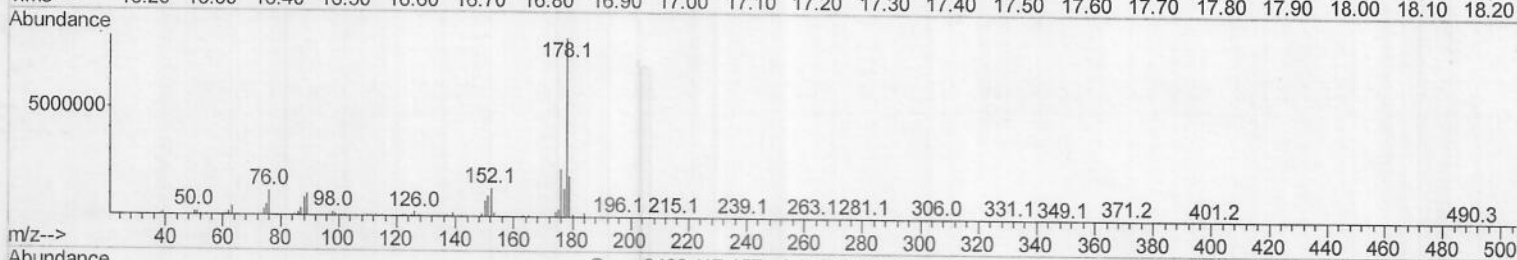
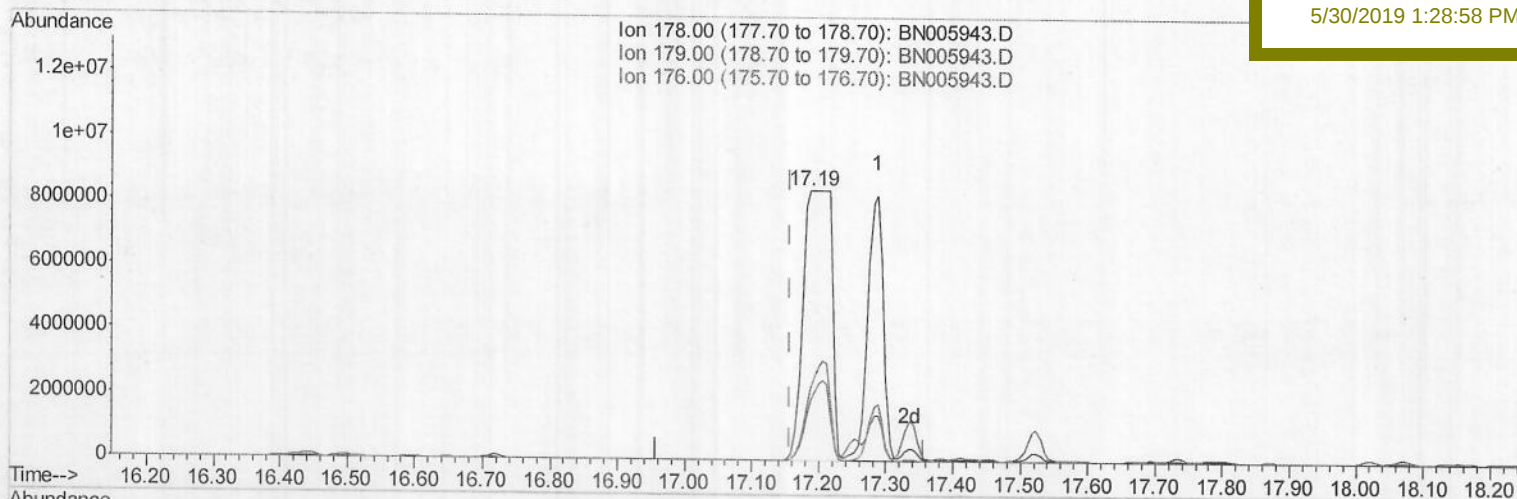
A42B8

Manual Integrations

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TIC: BN005943.D

(69) Phenanthrene

17.188min (+0.031) 159.25ng/ul m 3506105119

response 24525452

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	22.38#
176.00	18.90	26.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

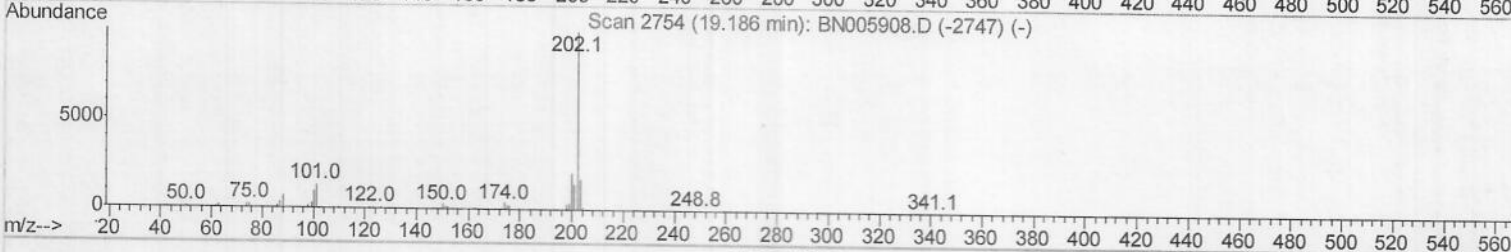
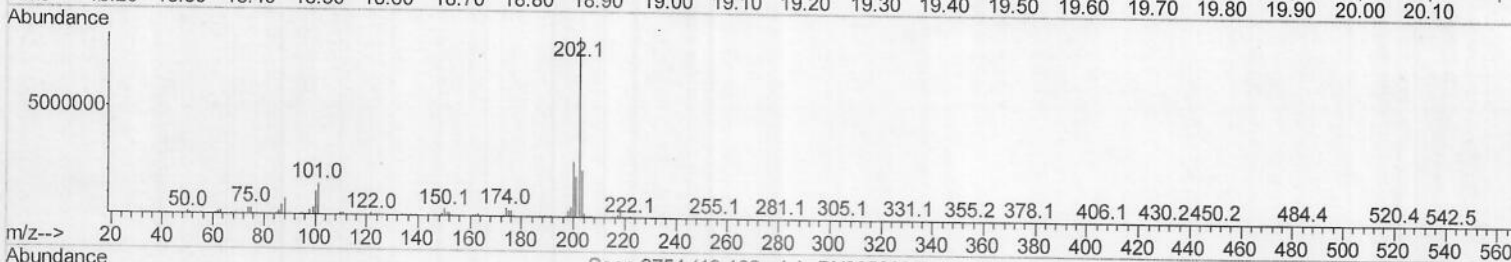
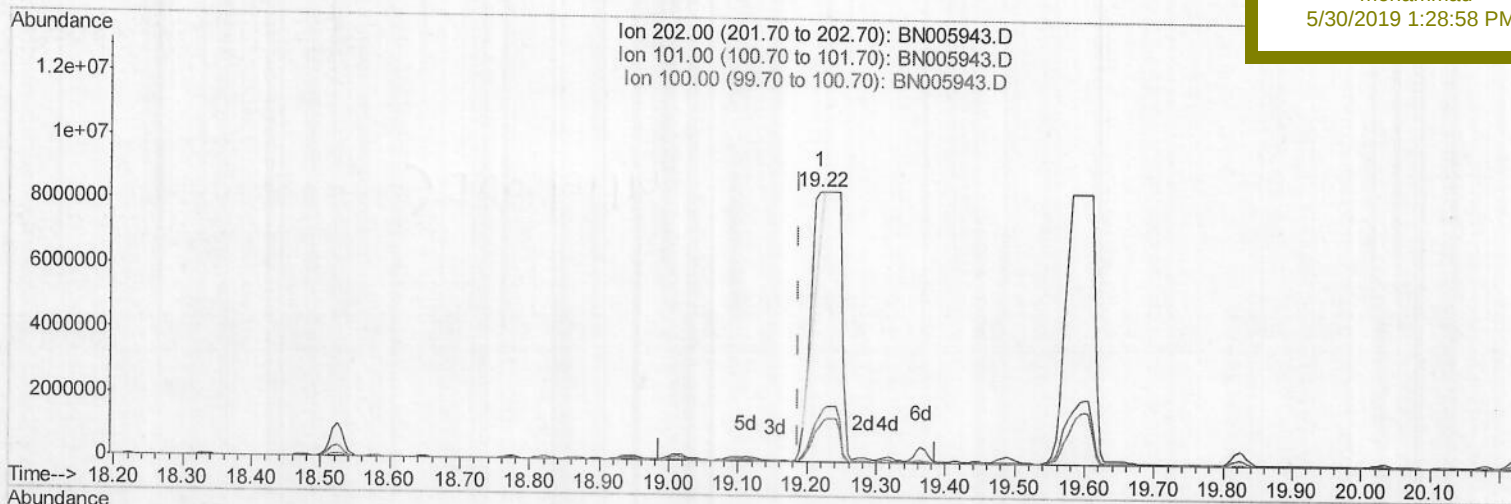
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



TIC: BN005943.D

(76) Fluoranthene (C)

19.217min (+0.031) 23.31ng/ul

response 3831716

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	17.35#
100.00	7.90	13.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

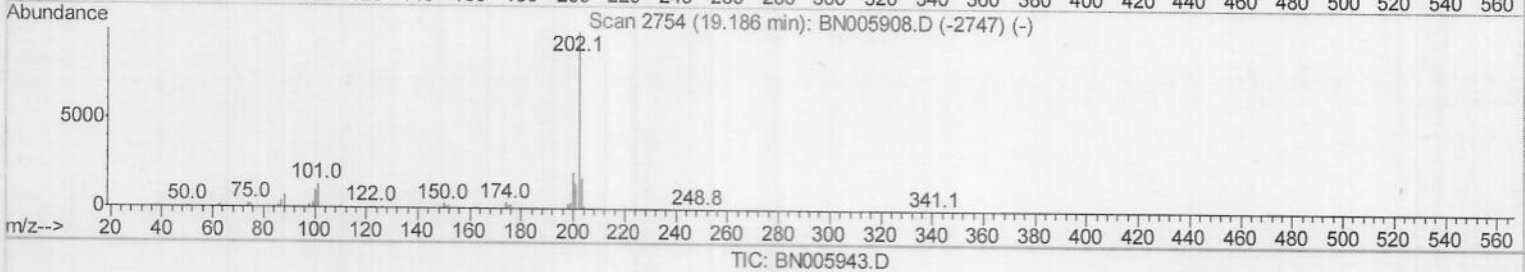
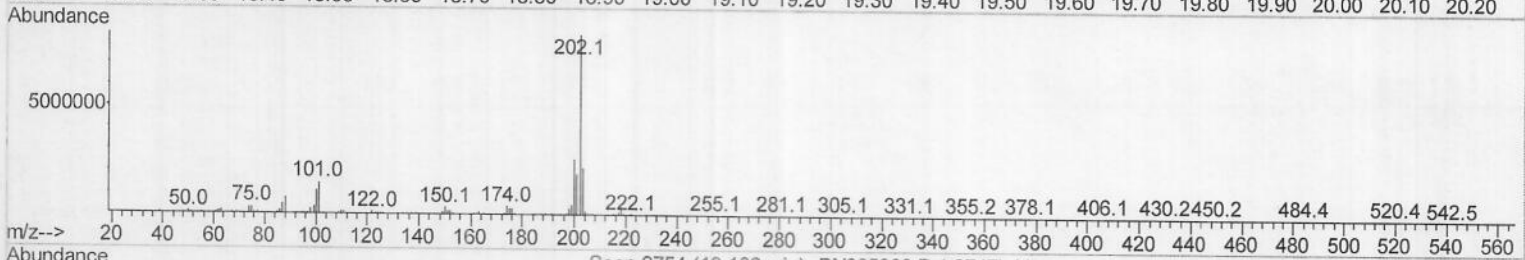
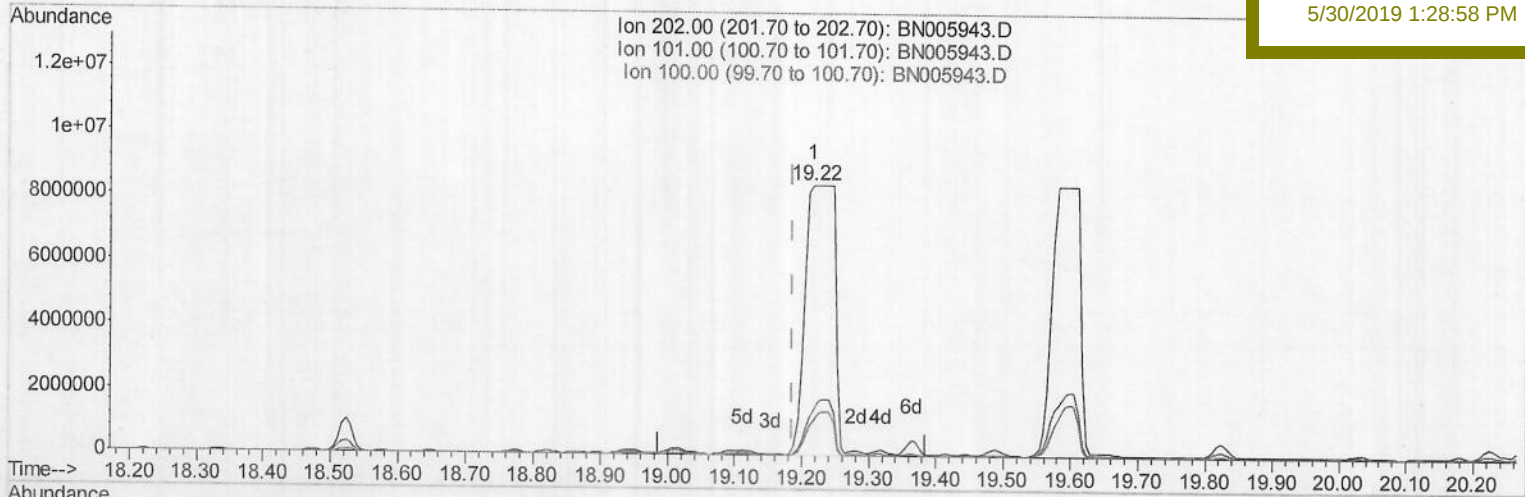
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
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5/30/2019 1:28:58 PM

(76) Fluoranthene (C)

19.217min (+0.031) 153.74ng/ul m) JU06105119

response 25275512

Ion	Exp%	Act%
202.00	100	100
101.00	10.70	17.35#
100.00	7.90	13.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

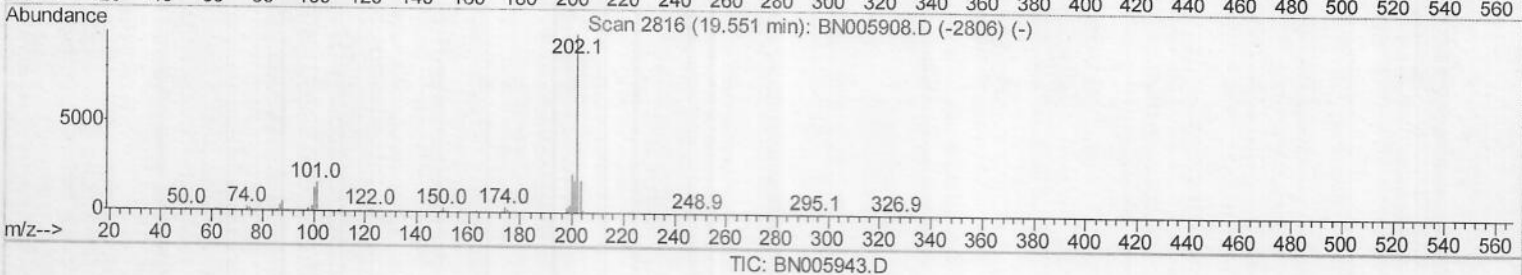
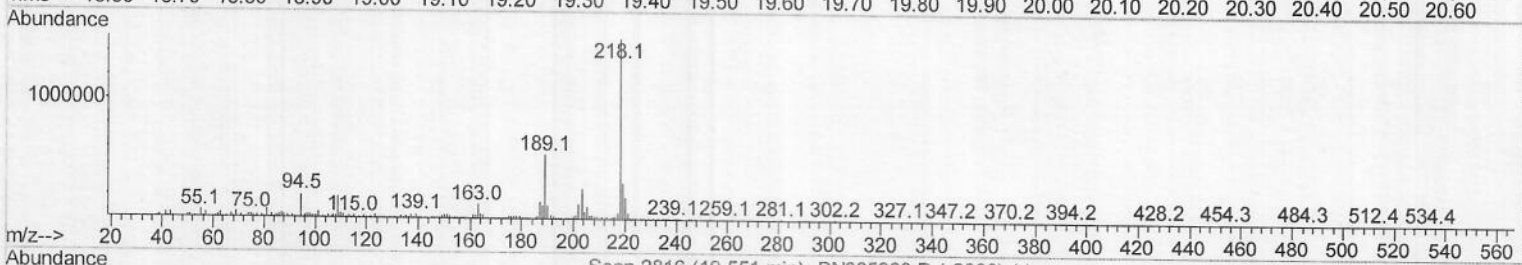
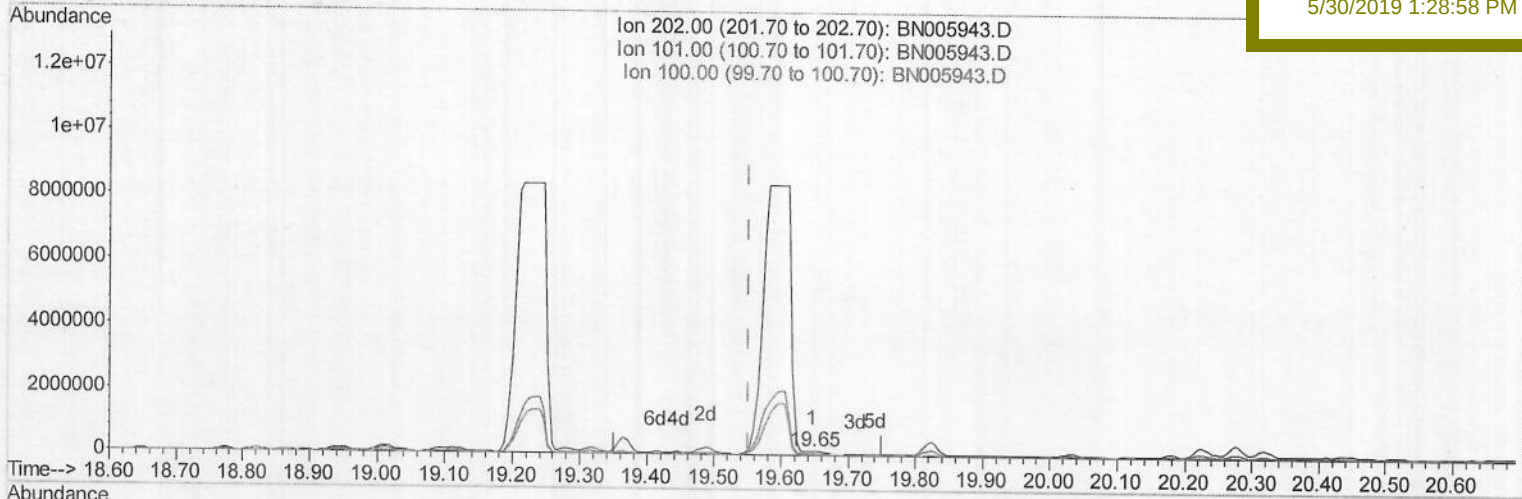
A42B8

Manual Integrations

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TIC: BN005943.D

(79) Pyrene

19.647min (+0.096) 1.89ng/ul

response 190757

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	37.50#
100.00	9.90	14.74#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

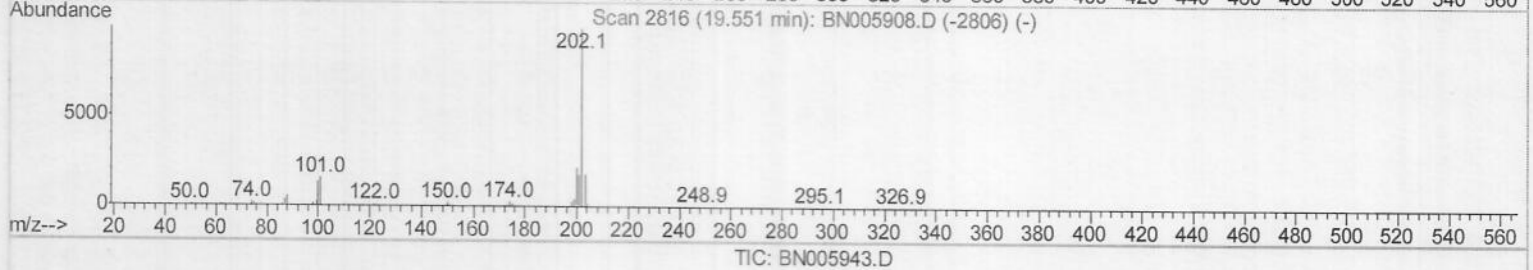
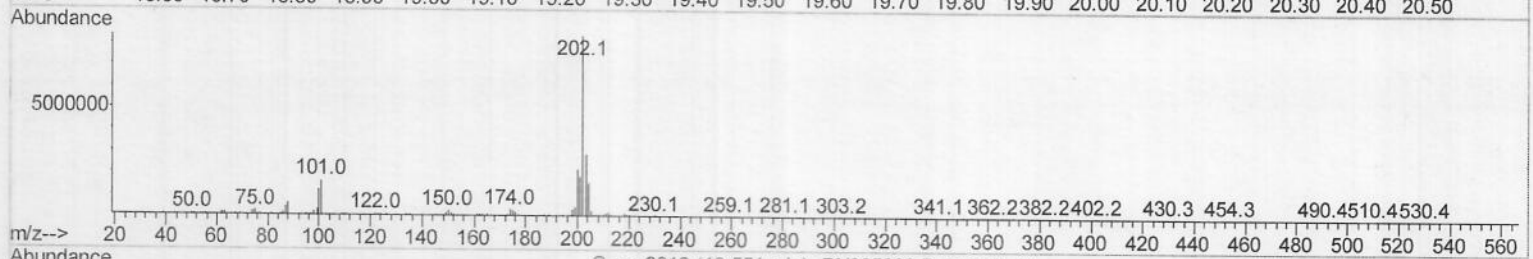
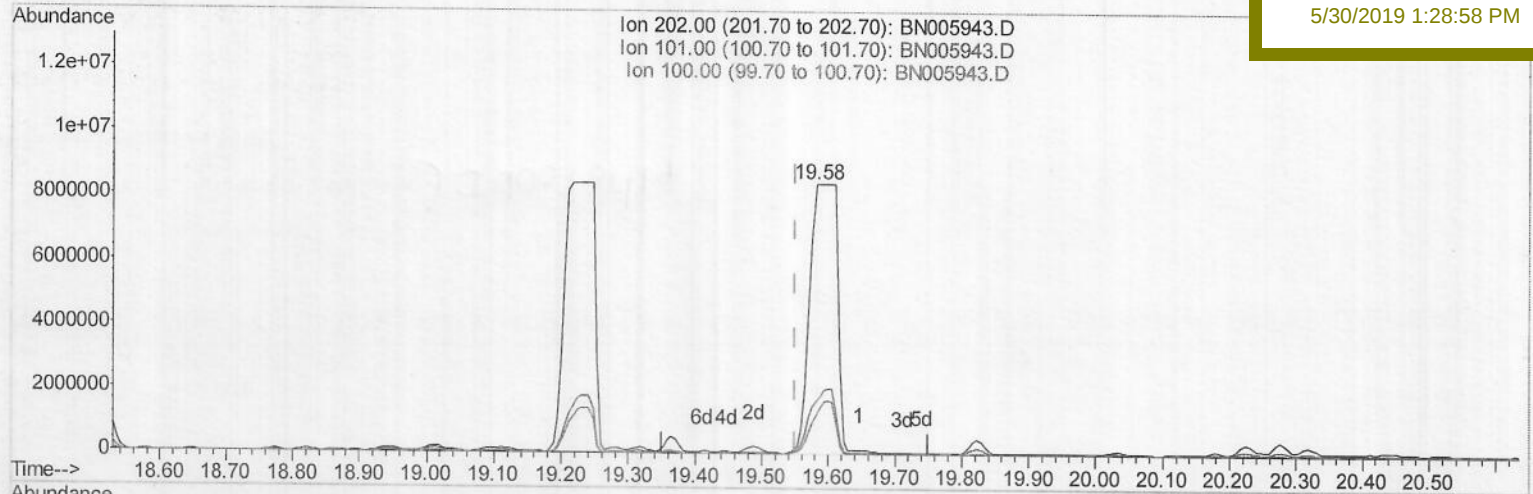
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(79) Pyrene

19.582min (+0.031) 236.89ng/ul m

response 23874655

Ion	Exp%	Act%
202.00	100	100
101.00	12.90	19.42#
100.00	9.90	14.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mav 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

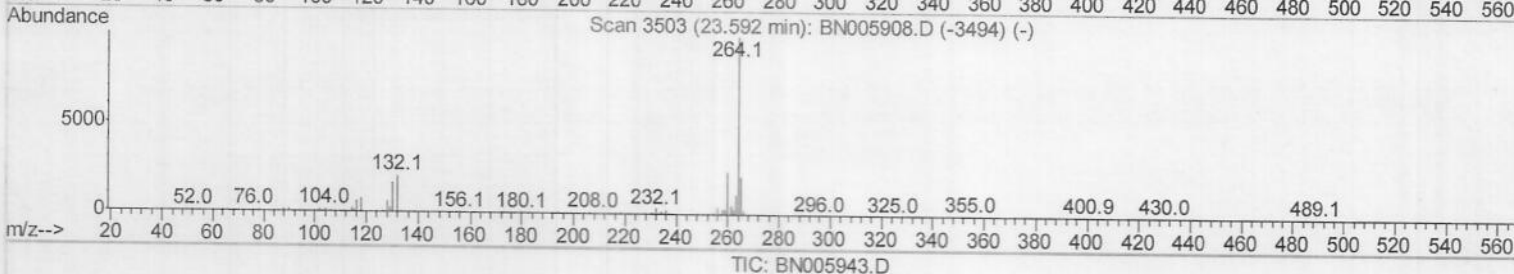
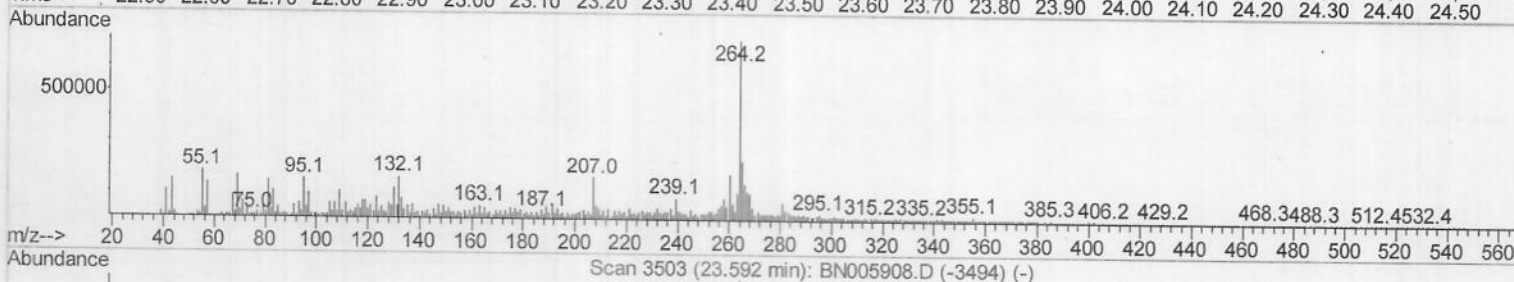
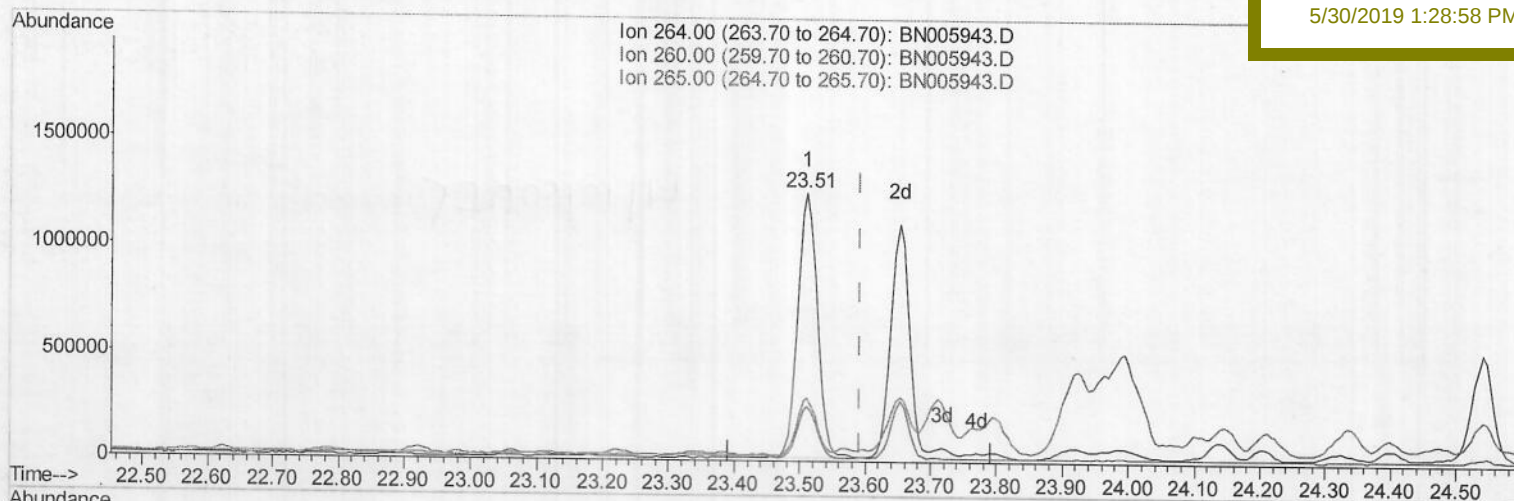
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



(85) Perylene-d12 (I)

23.511min (-0.081) 20.00ng/ul

response 2596021

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	20.60
265.00	22.10	23.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 05:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

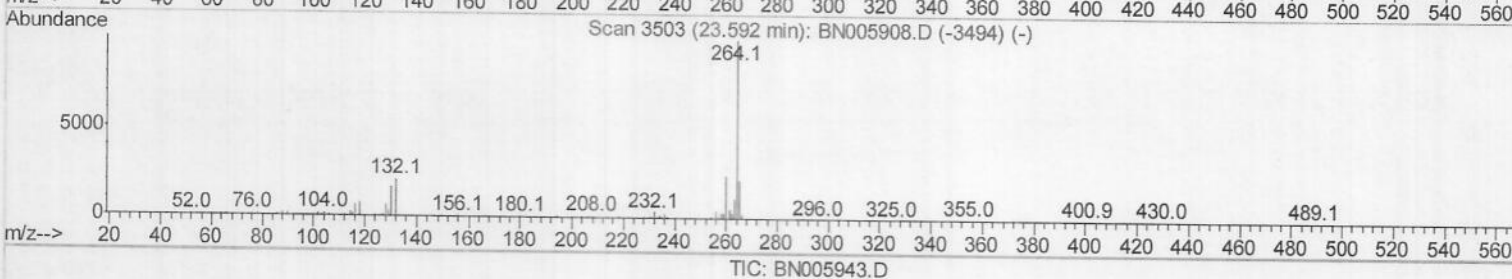
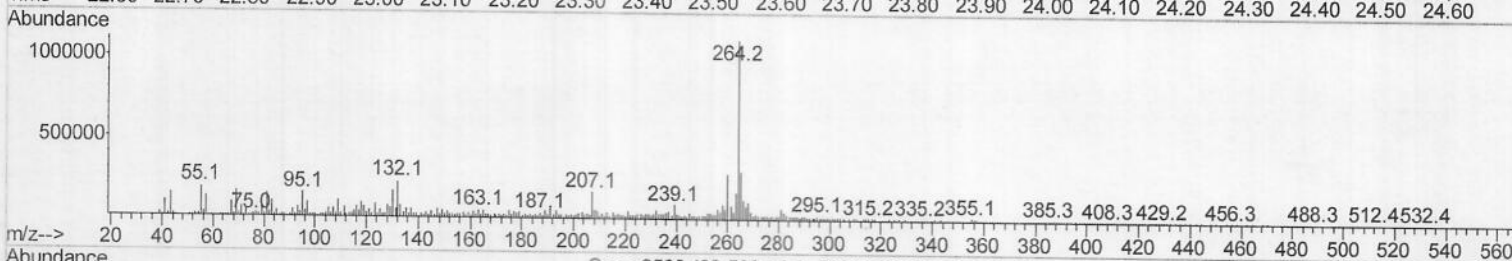
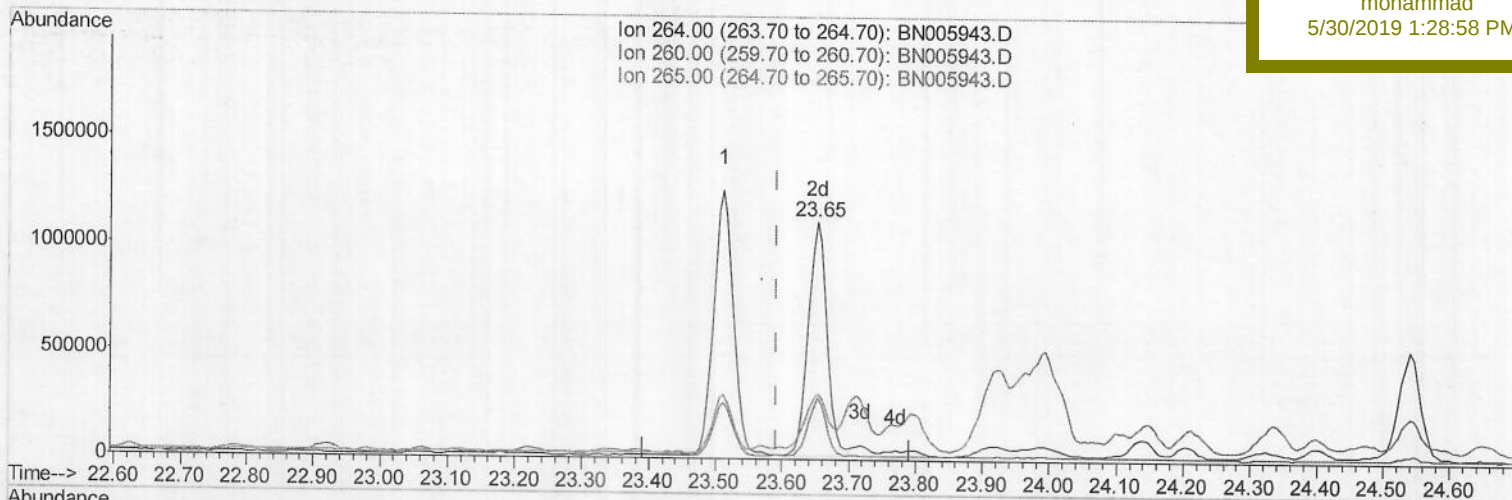
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(85) Perylene-d12 (I)

23.652min (+0.060) 20.00ng/ul m

response 2152608

Ion	Exp%	Act%
264.00	100	100
260.00	23.50	25.40
265.00	22.10	26.90#
0.00	0.00	0.00

JU06105119

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

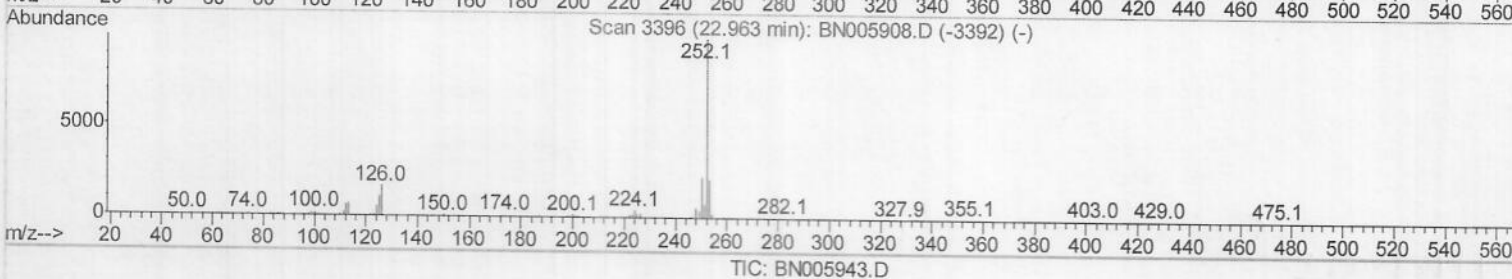
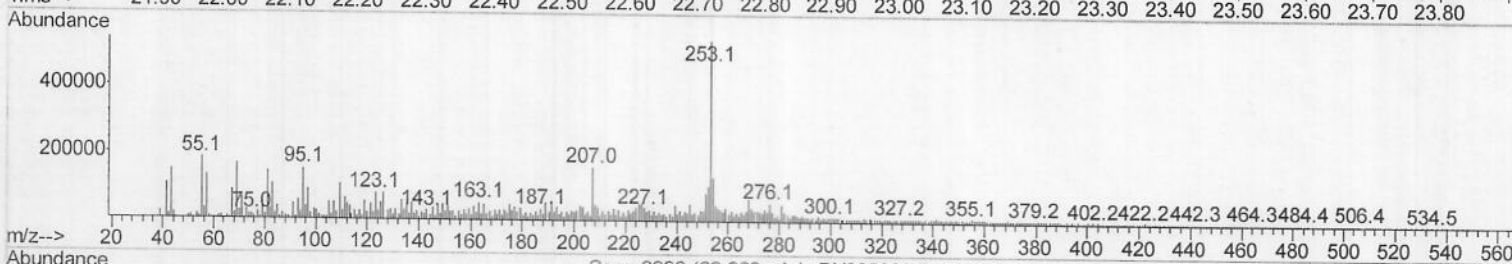
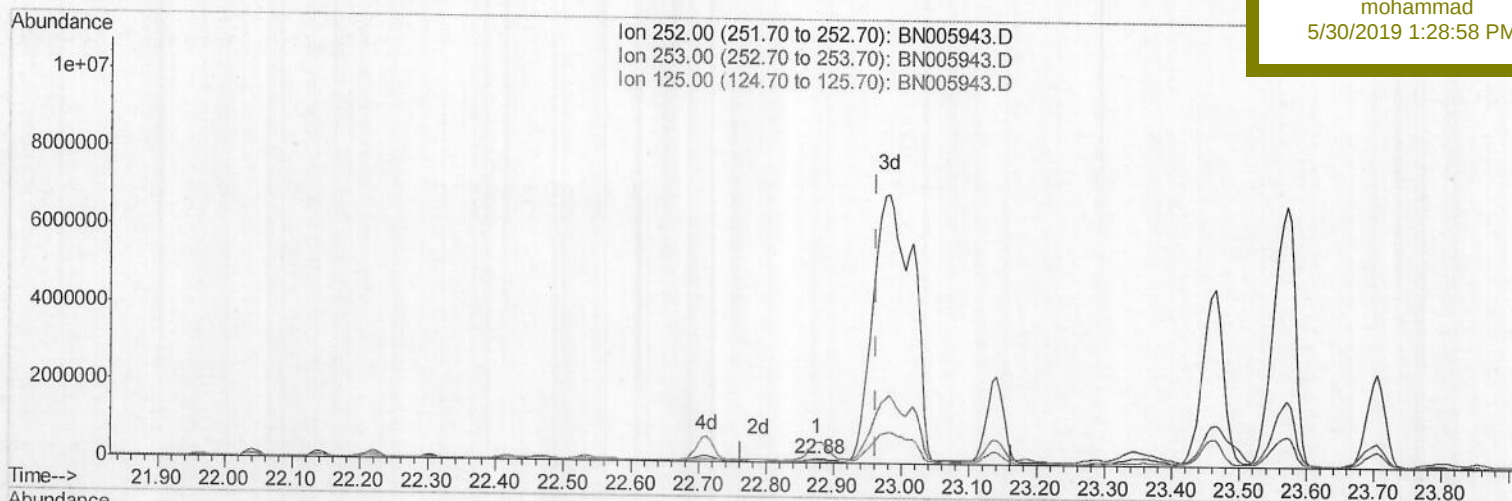
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(88) Benzo(k)fluoranthene

22.876min (-0.087) 1.34ng/ul

response 149320

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	508.91#
125.00	9.40	47.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

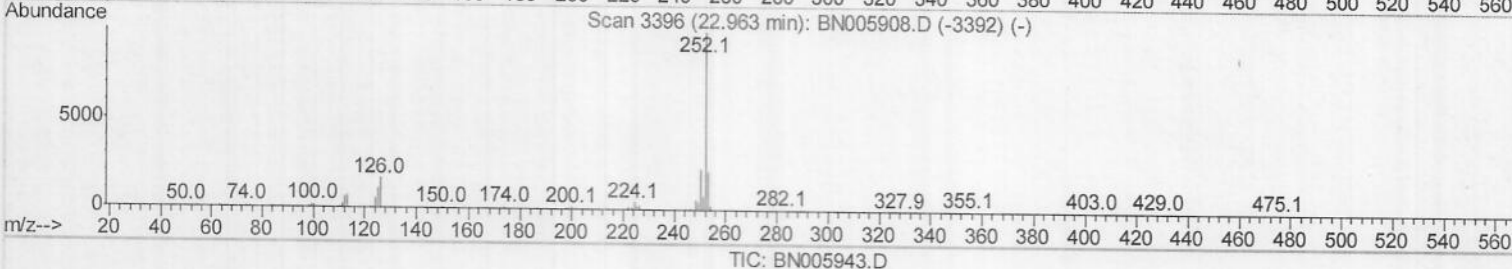
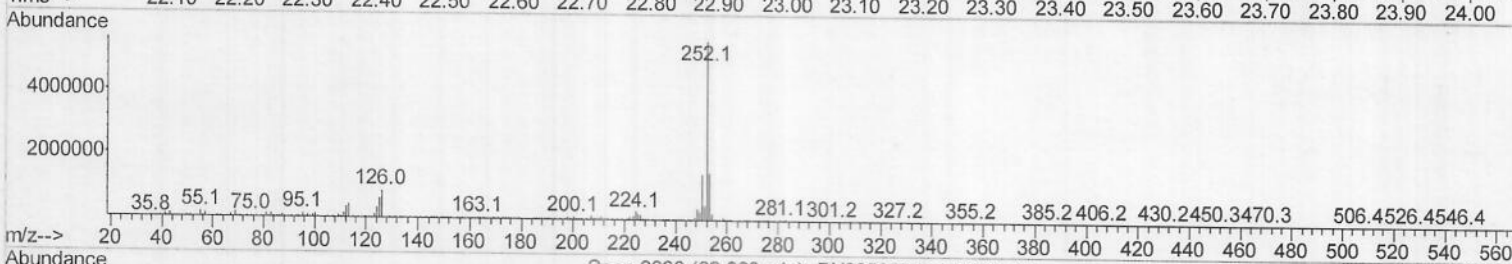
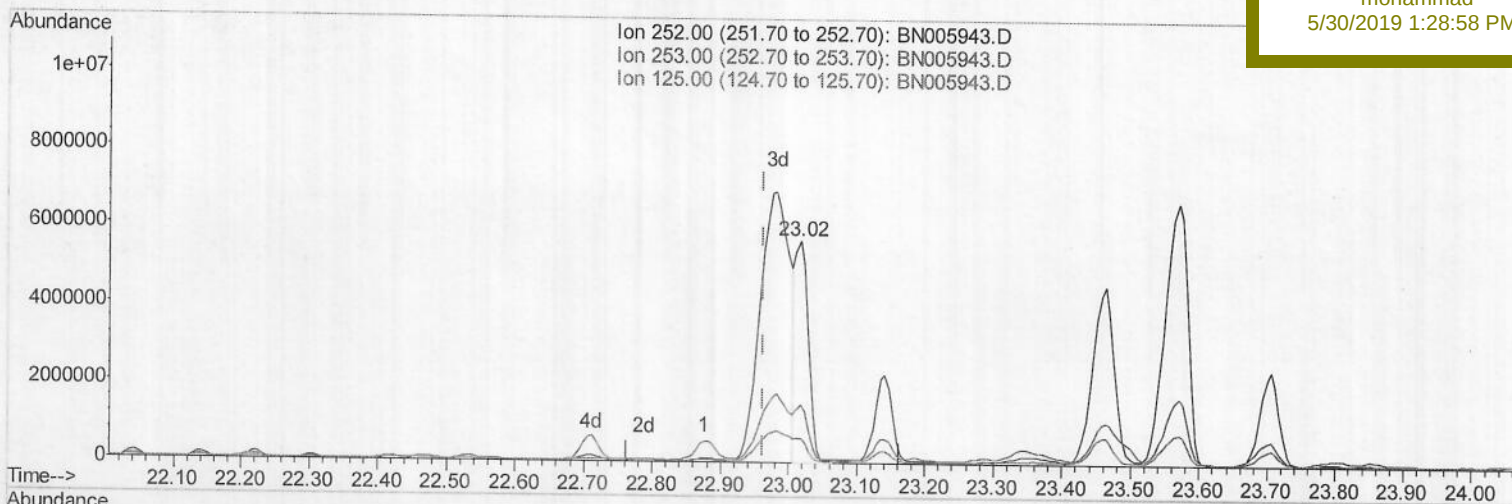
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(88) Benzo(k)fluoranthene

23.017min (+0.055) 67.01ng/ul m

response 7449346

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	26.13#
125.00	9.40	11.21
0.00	0.00	0.00

)JU06105119

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

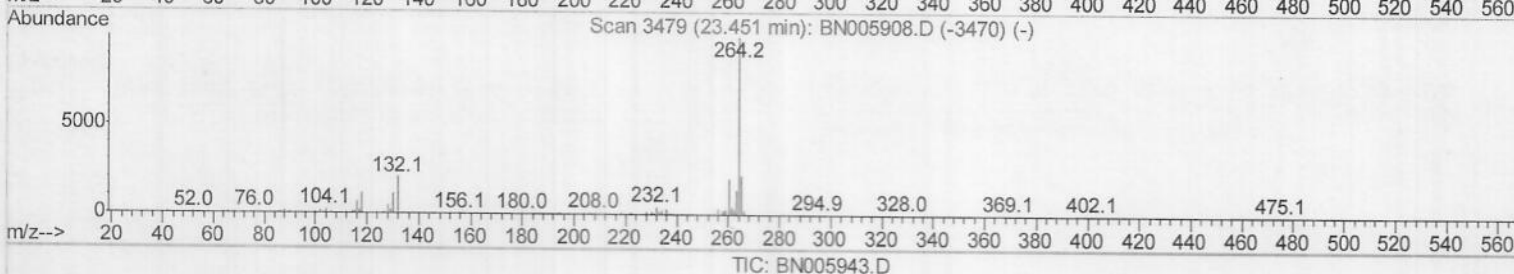
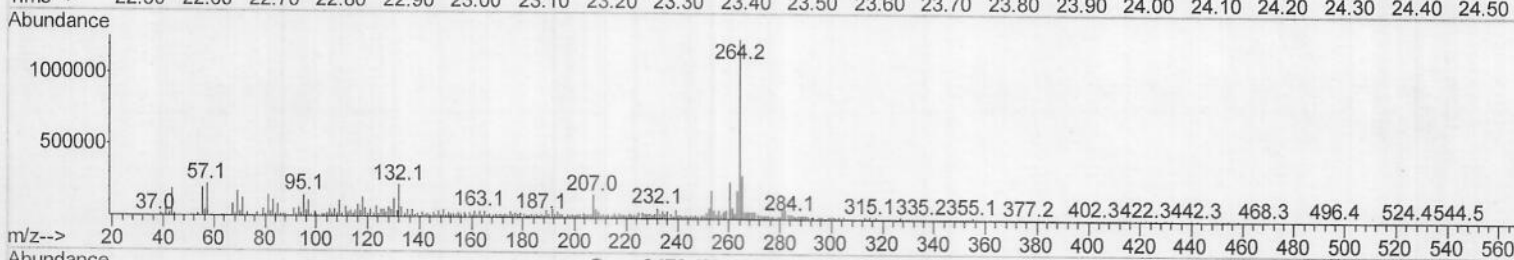
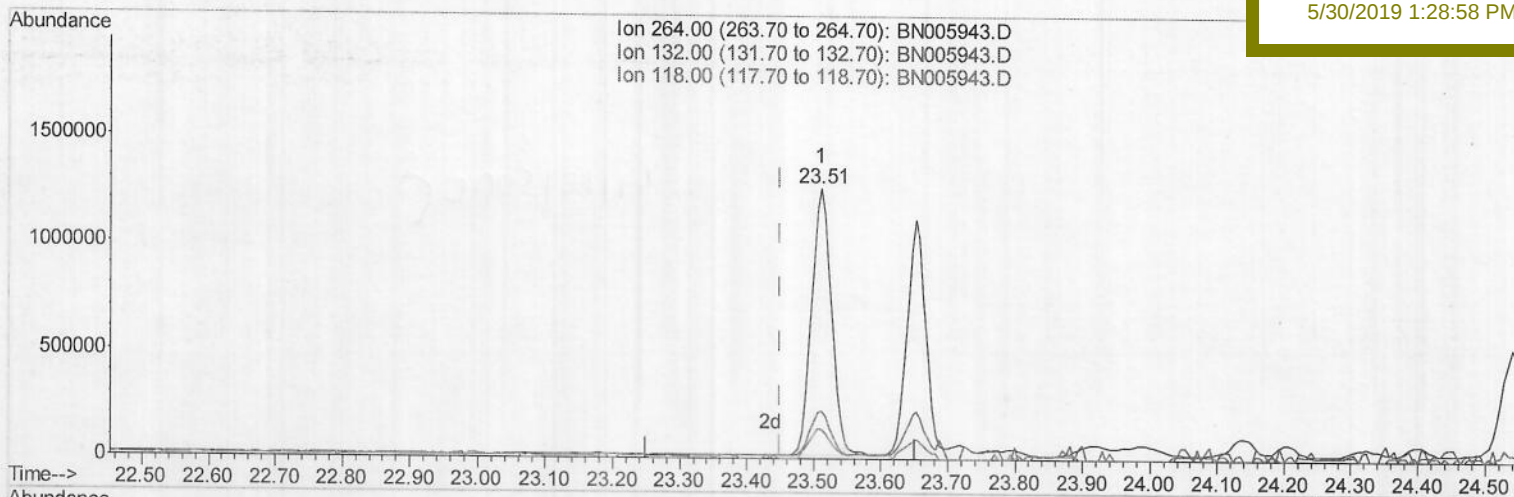
A42B8

Manual Integrations

APPROVED

mohammad

5/30/2019 1:28:58 PM



(89) Benzo(a)pyrene-d12 (S)

23.511min (+0.060) 26.58ng/ul

response 2552927

Ion	Exp%	Act%
264.00	100	100
132.00	16.60	17.70
118.00	10.40	11.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

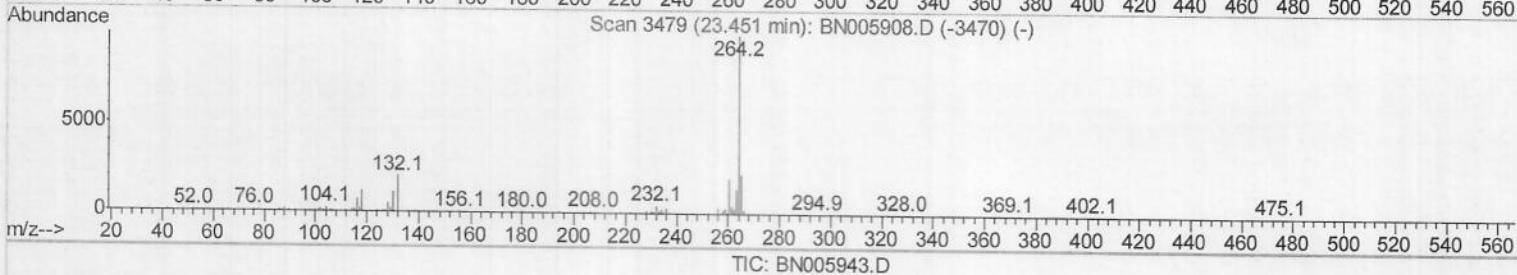
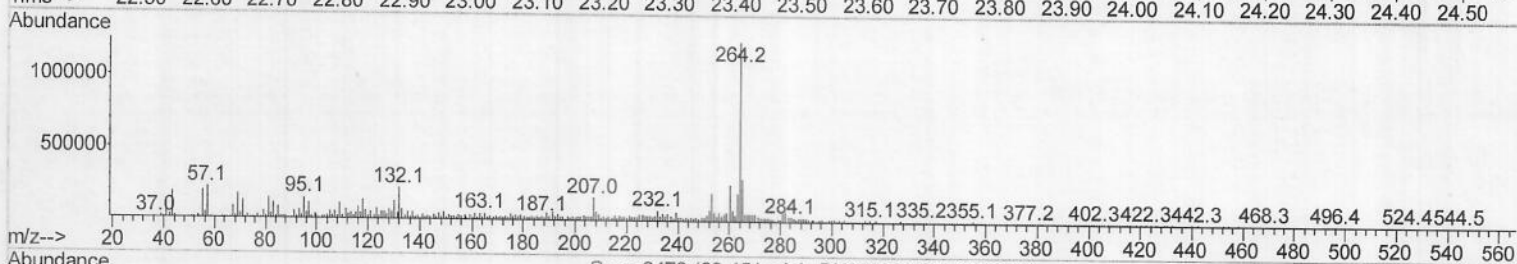
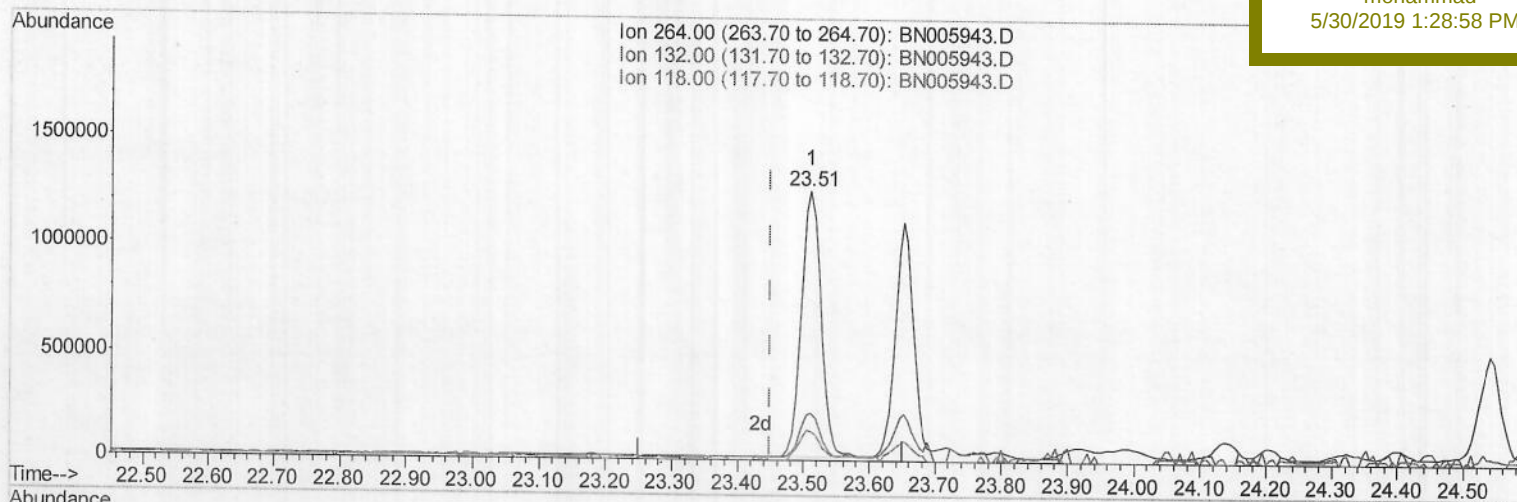
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(89) Benzo(a)pyrene-d12 (S)

23.511min (+0.060) 27.05ng/ul m

response 2597964

Ion	Exp%	Act%
264.00	100	100
132.00	16.60	17.70
118.00	10.40	11.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

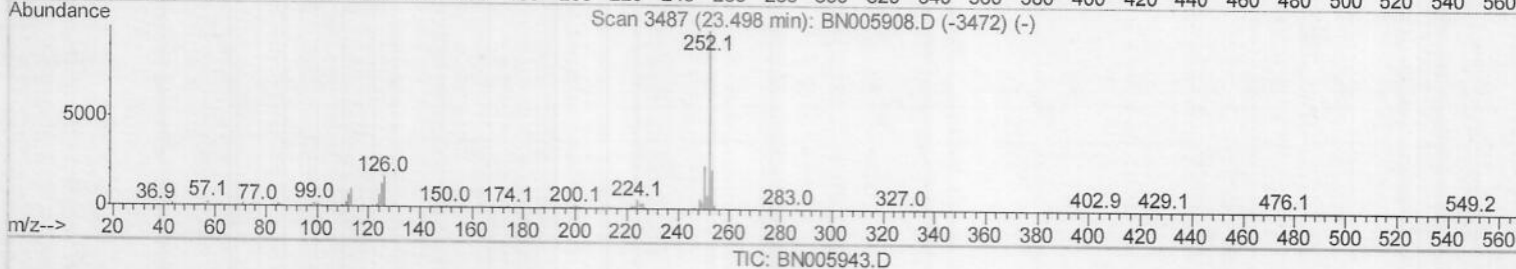
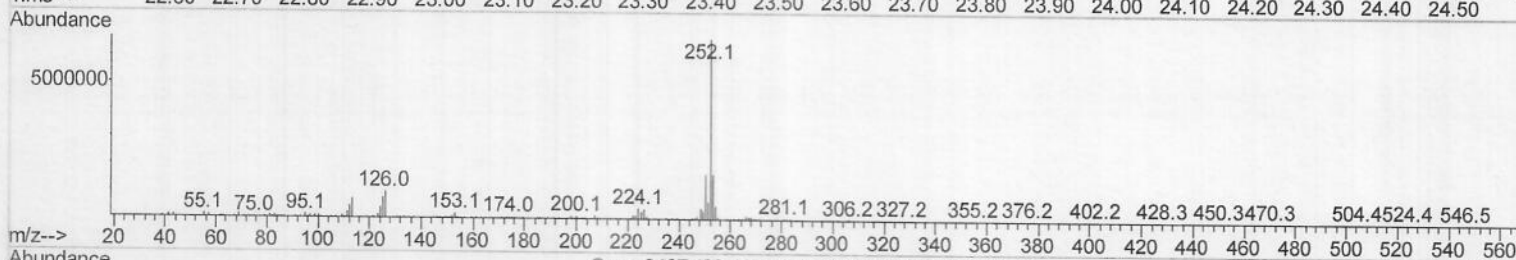
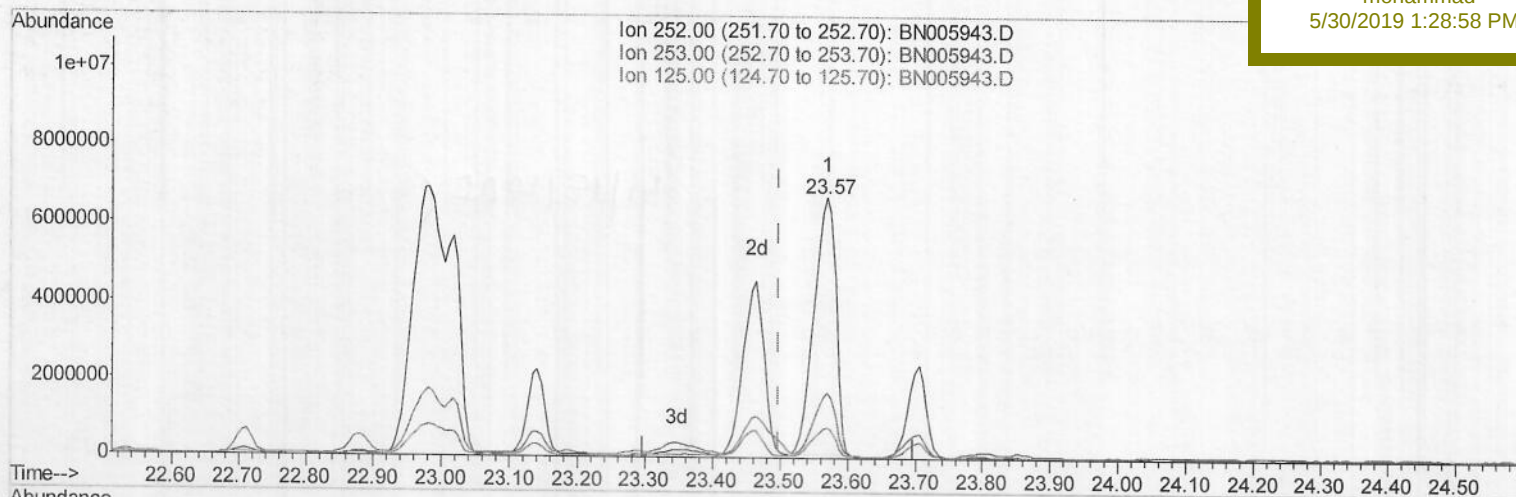
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



(90) Benzo(a)pyrene (C)

23.570min (+0.072) 131.52ng/ul

response 14995881

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.29
125.00	10.80	11.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

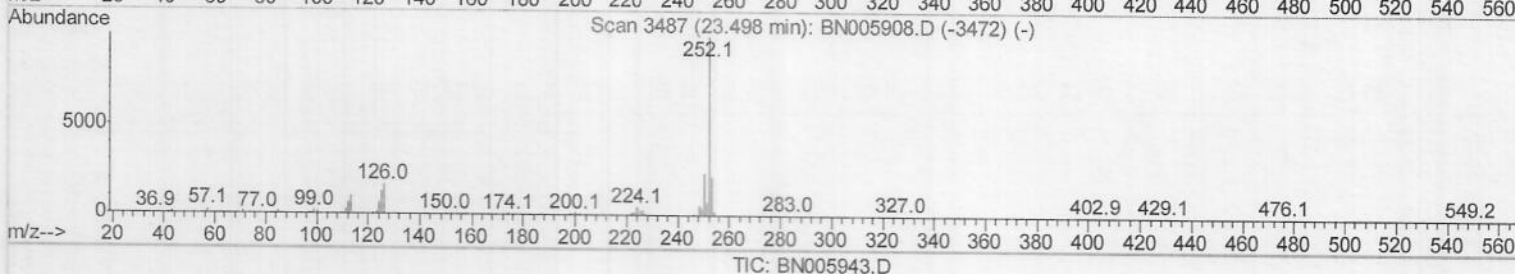
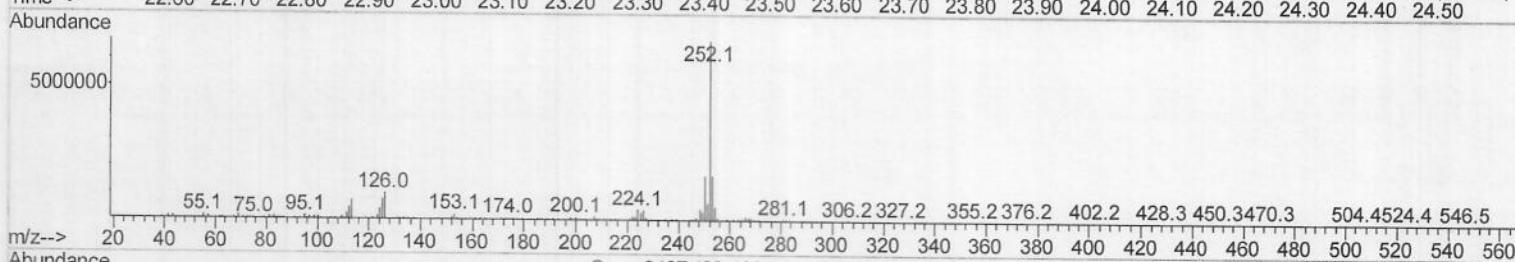
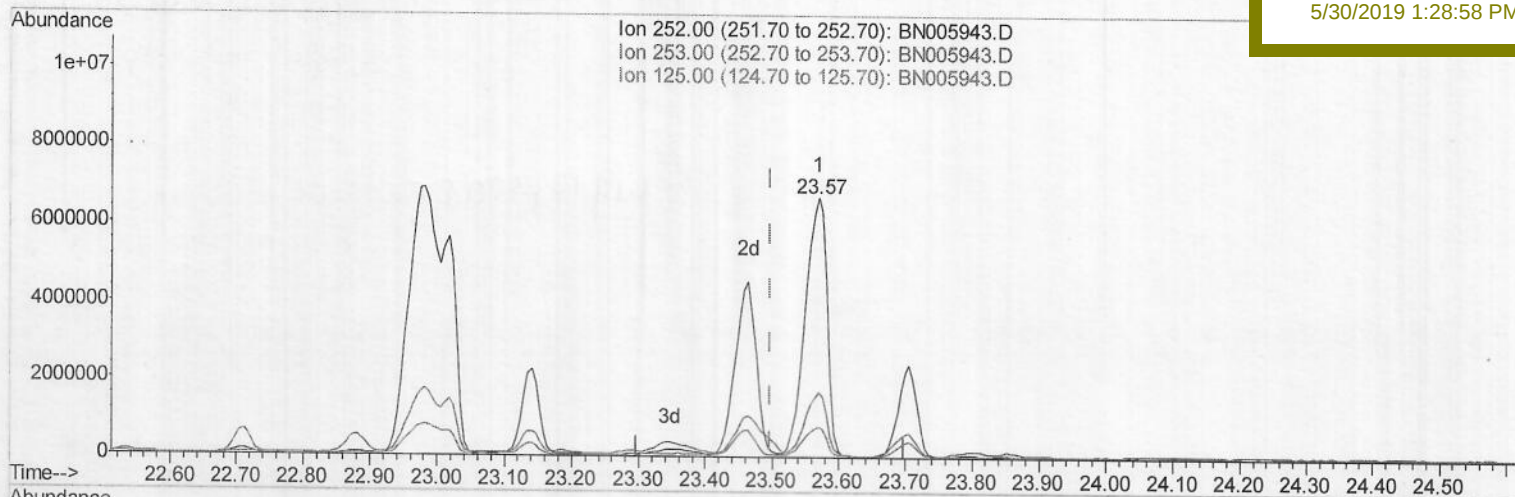
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(90) Benzo(a)pyrene (C)

23.570min (+0.072) 134.22ng/ul m) JU06105/19

response 15303499

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.29
125.00	10.80	11.70
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

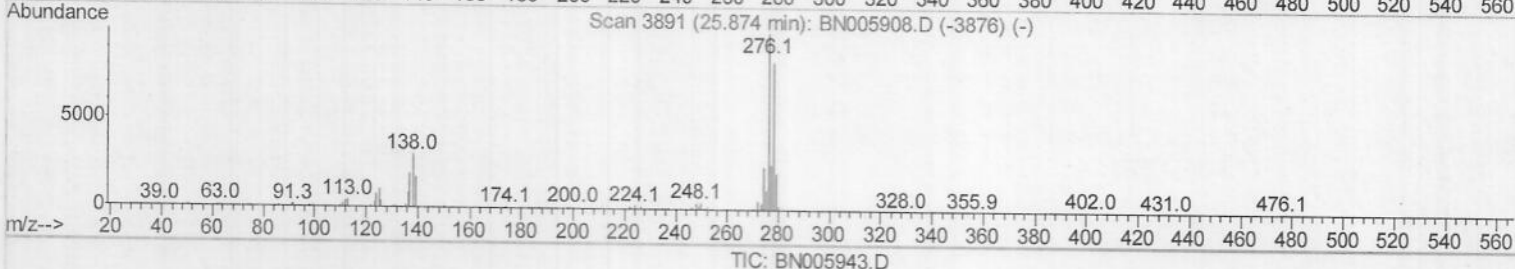
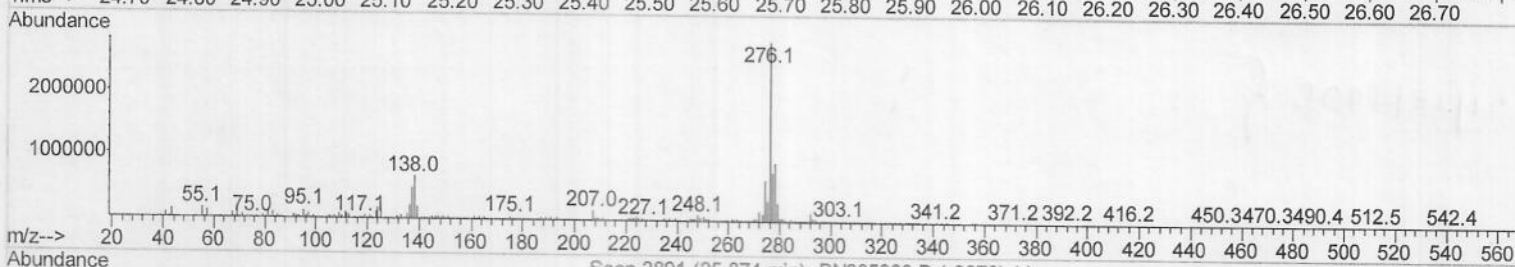
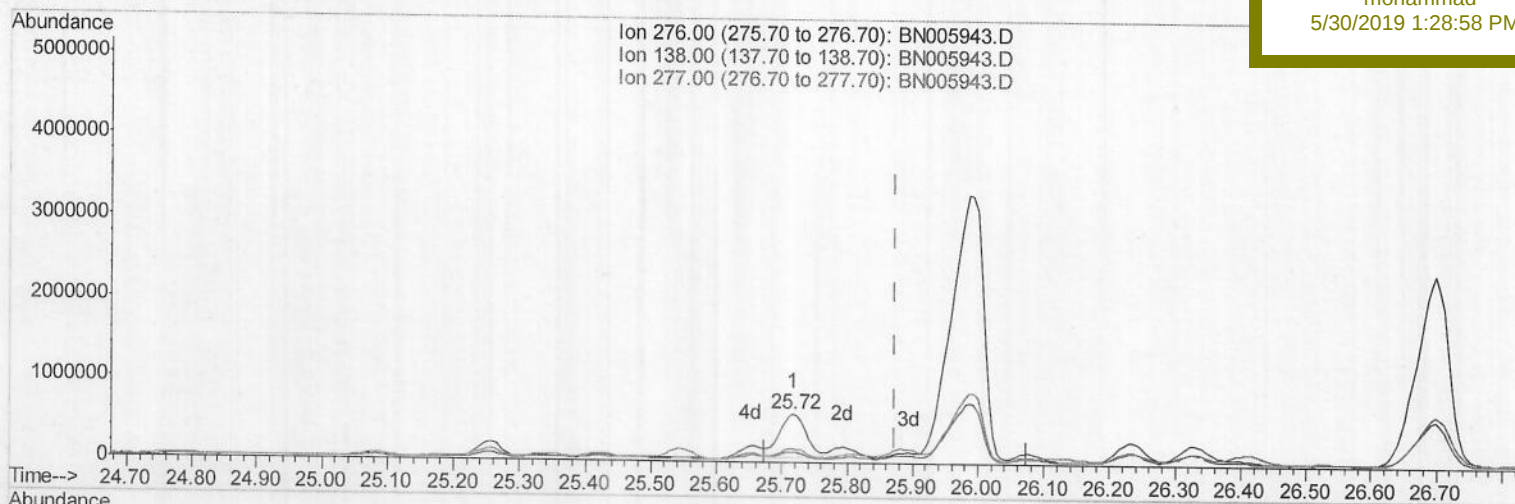
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
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5/30/2019 1:28:58 PM

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

25.717min (-0.157) 10.99ng/ul

response 1469888

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	21.30
277.00	24.60	28.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

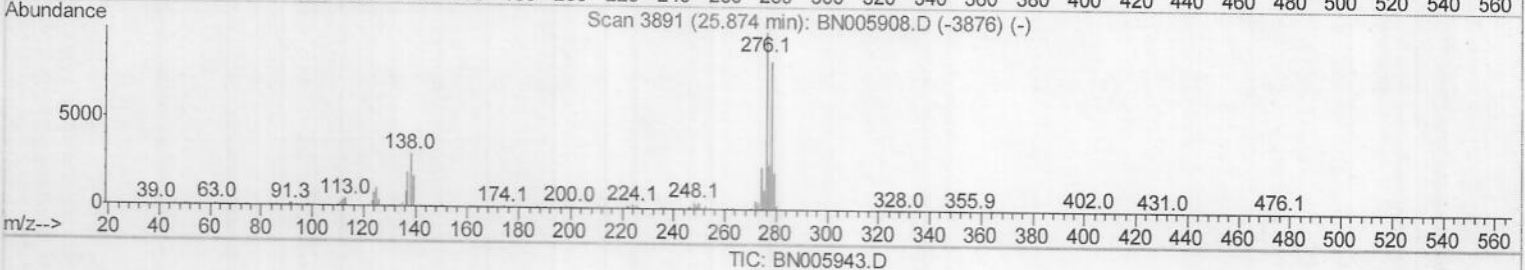
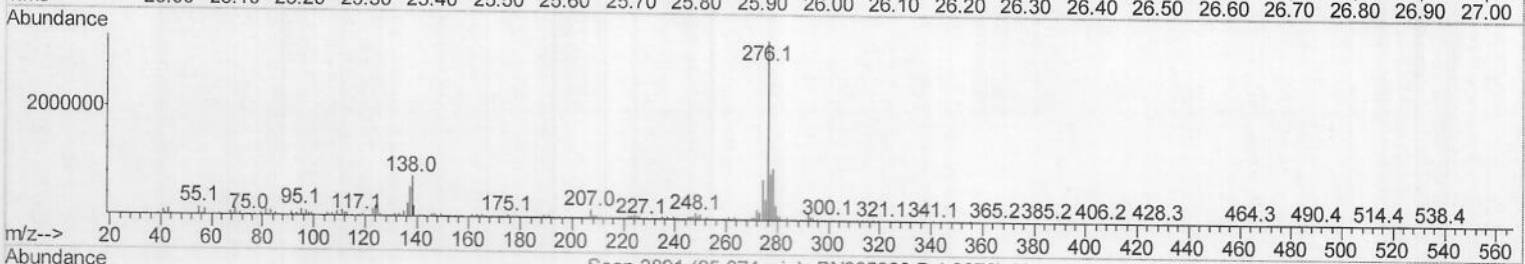
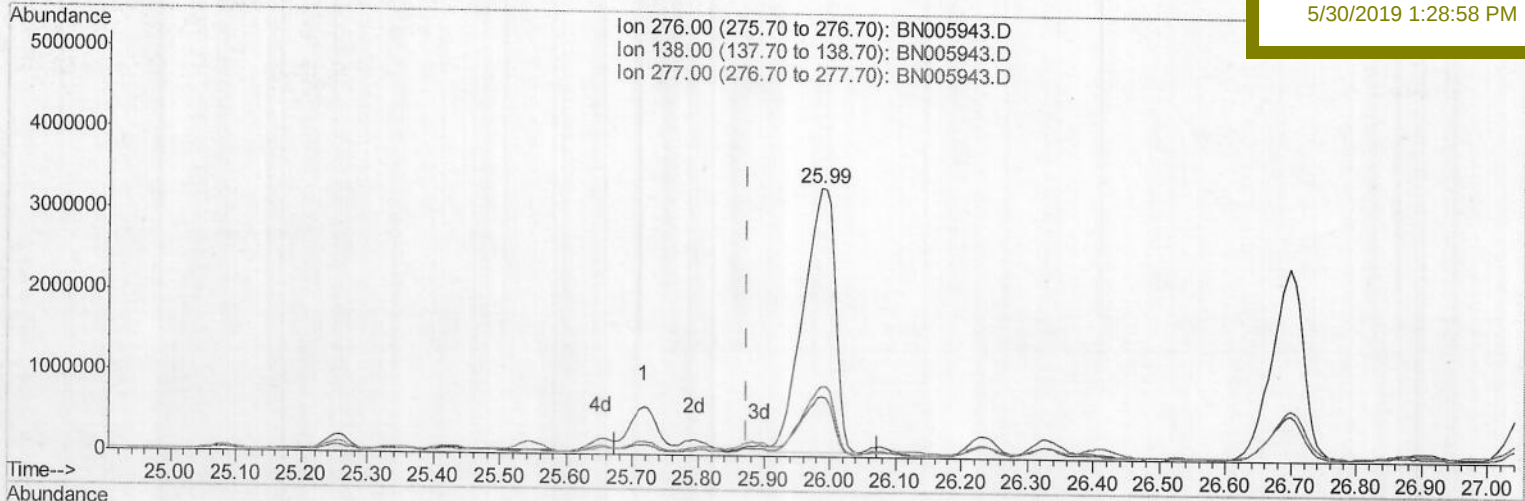
A42B8

Manual Integrations

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

25.988min (+0.113) 82.07ng/ul m

JU06/05/19

response 10980596

Ion	Exp%	Act%
276.00	100	100
138.00	22.40	22.29
277.00	24.60	25.91
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

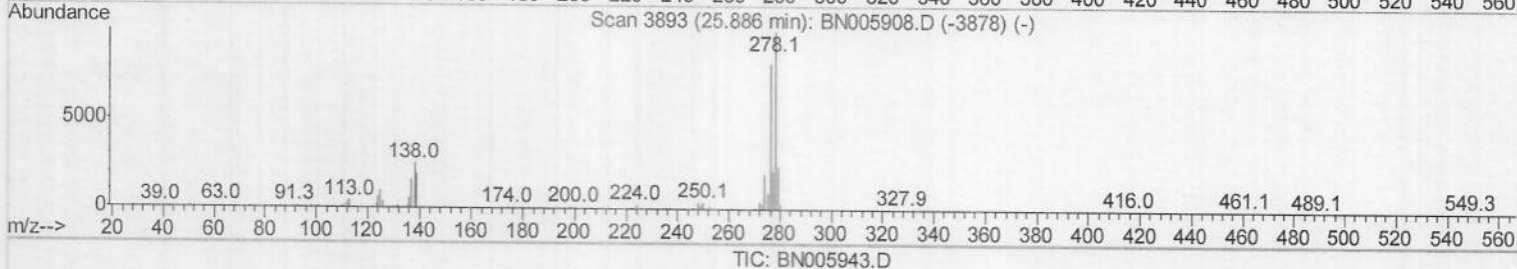
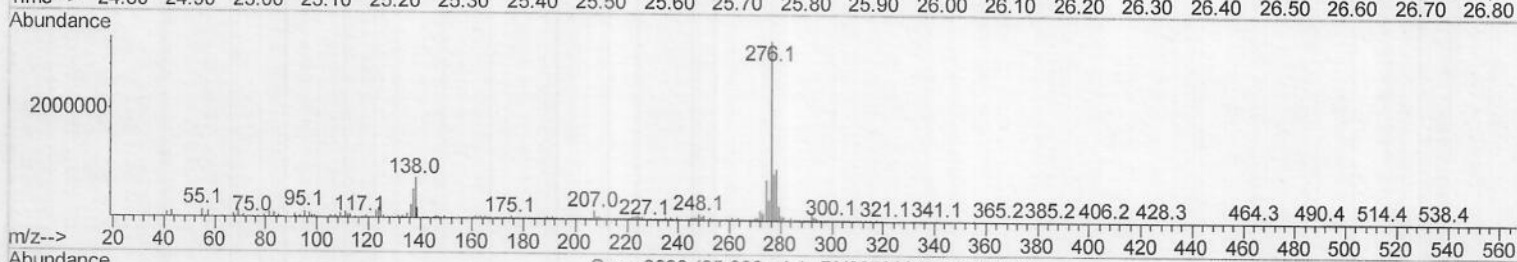
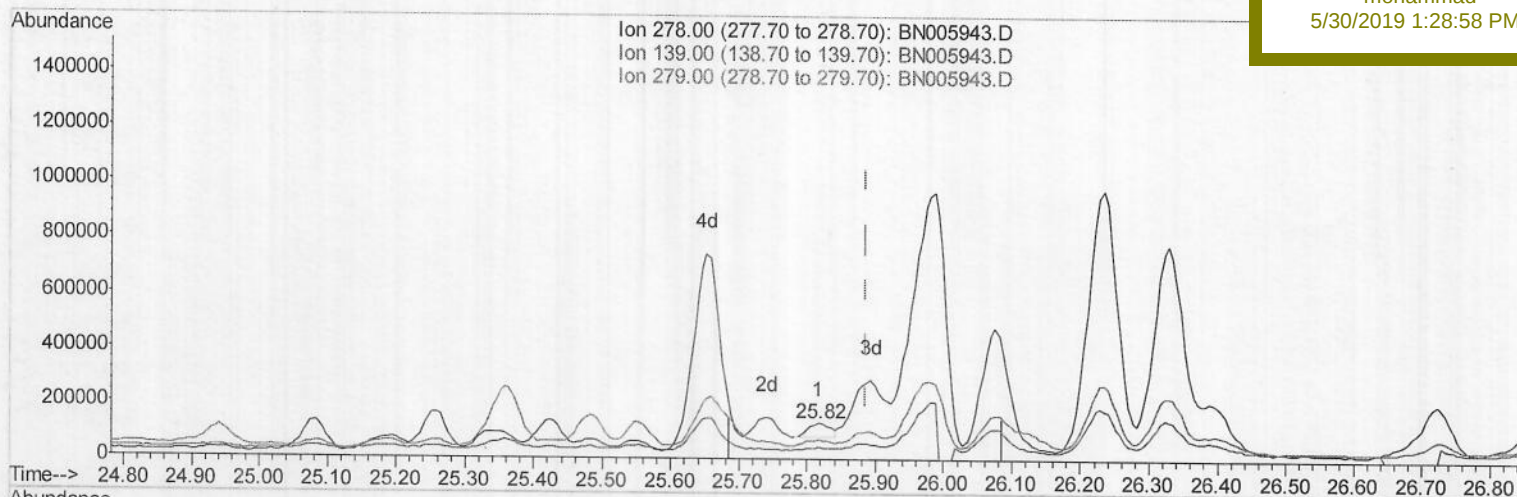
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

(92) Dibenzo(a,h)anthracene

25.817min (-0.069) 1.07ng/ul

response 118642

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	32.88#
279.00	24.20	53.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

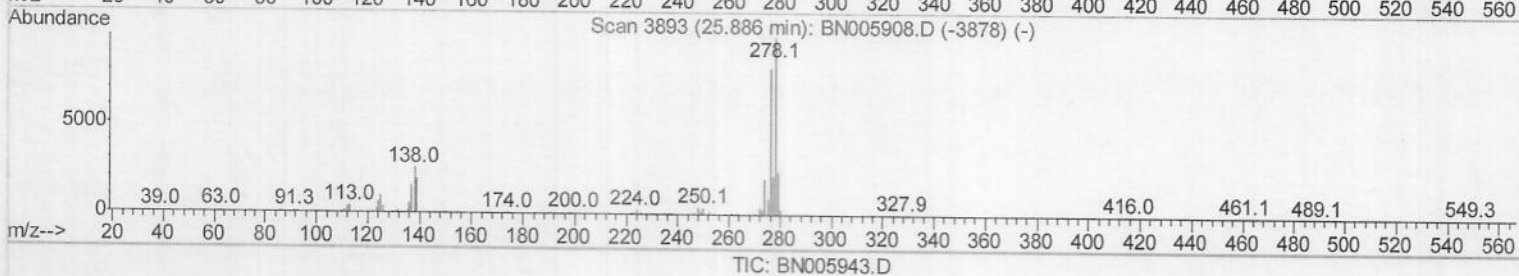
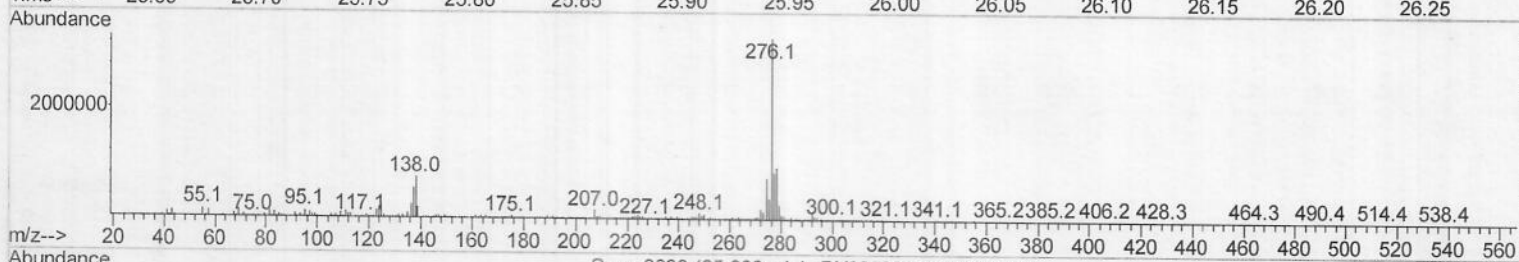
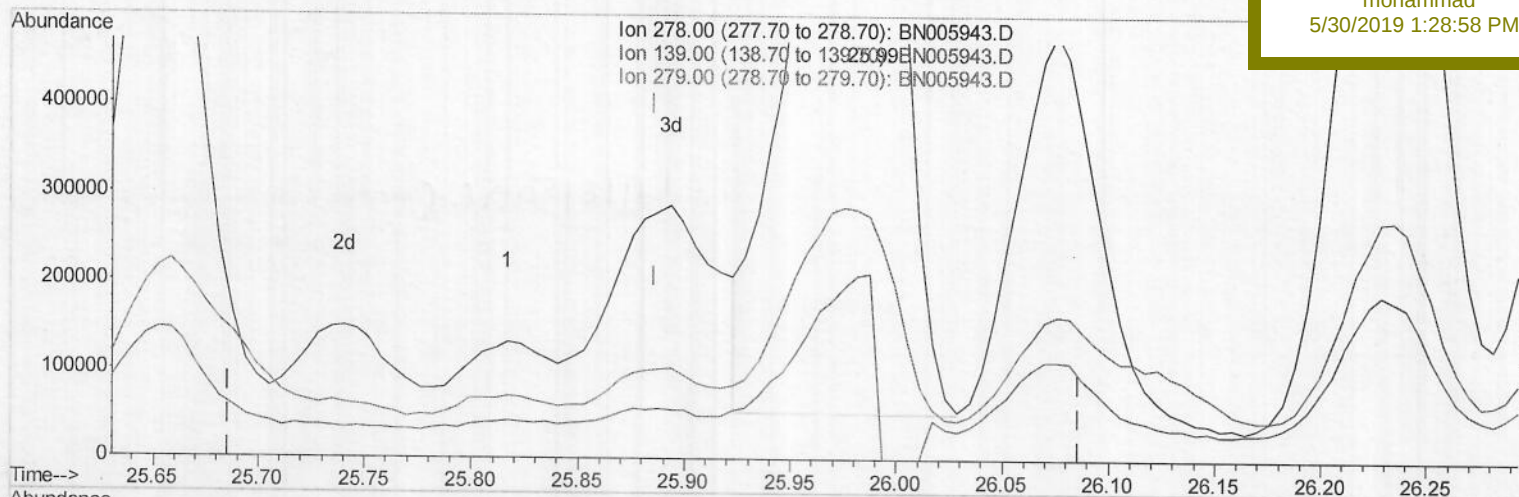
Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

A42B8

Manual Integrations
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(92) Dibenzo(a,h)anthracene

25.988min (+0.102) 27.04ng/ul m

JU06105119

response 3011731

Ion	Exp%	Act%
278.00	100	100
139.00	16.40	21.74#
279.00	24.20	28.52
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

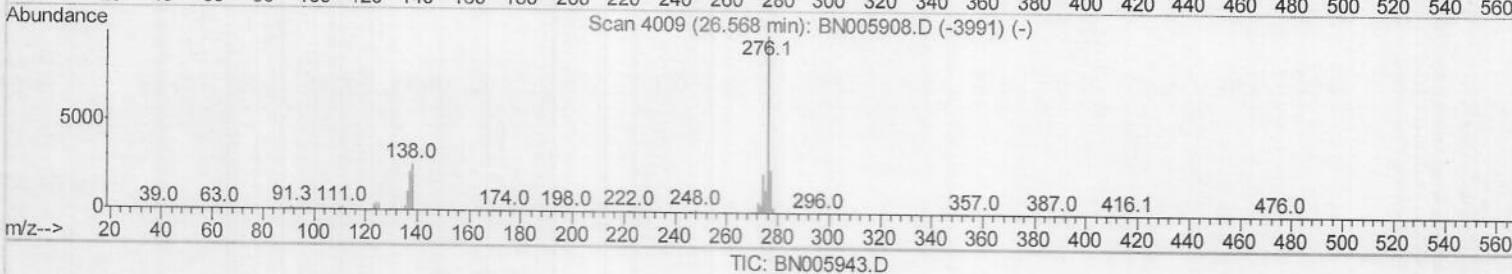
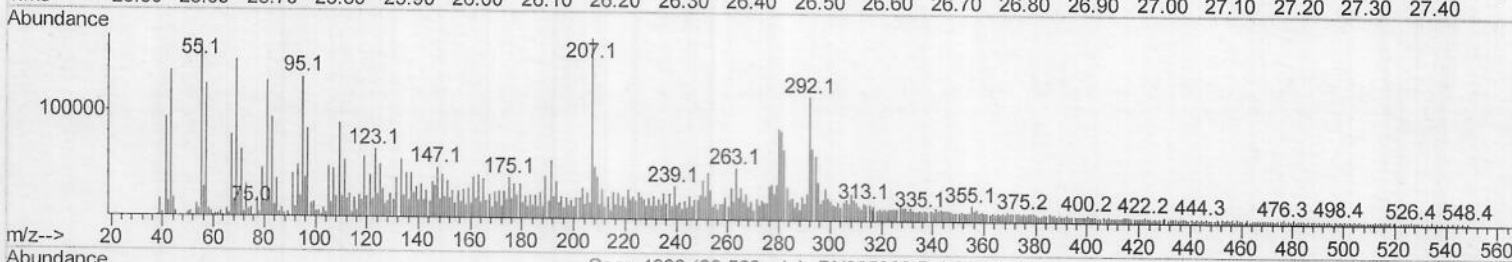
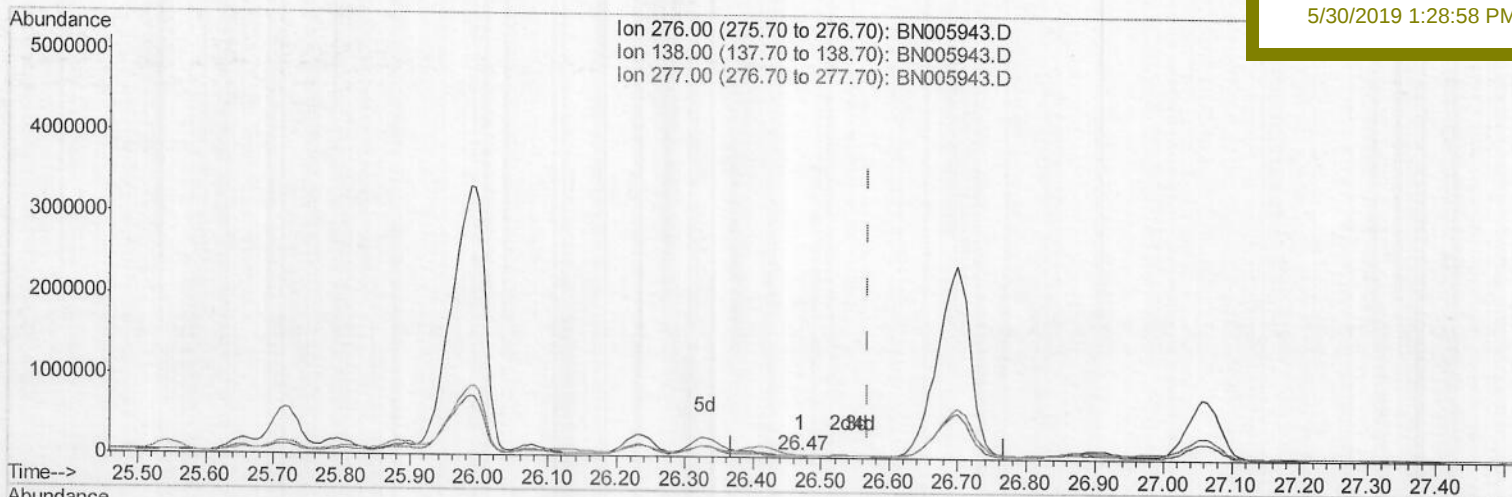
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations
APPROVEDmohammad
5/30/2019 1:28:58 PM

TIC: BN005943.D

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

26.470min (-0.098) 0.08ng/ul

response 8558

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	69.77#
277.00	22.70	101.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:56:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

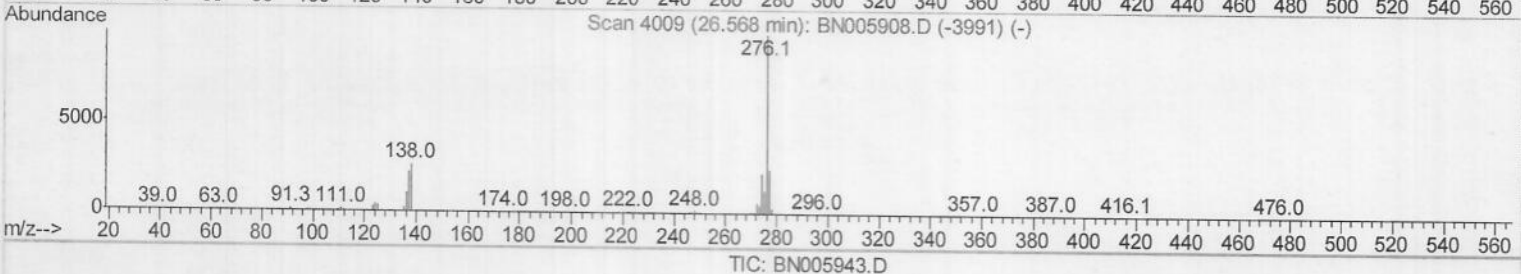
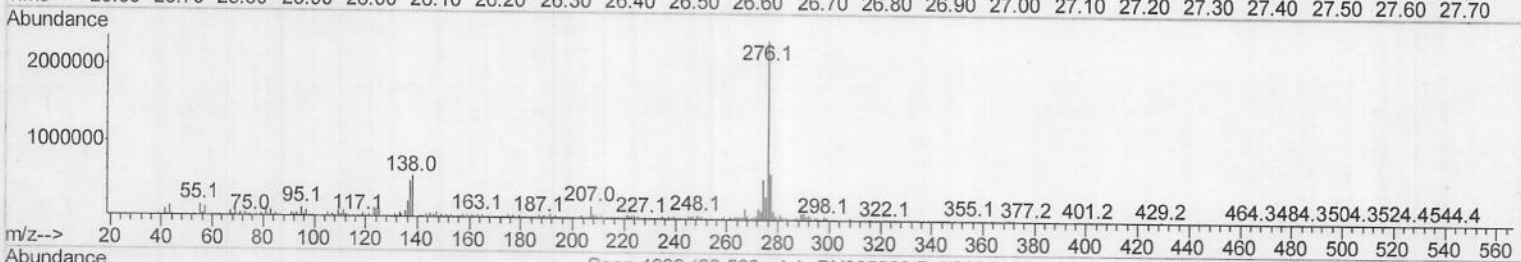
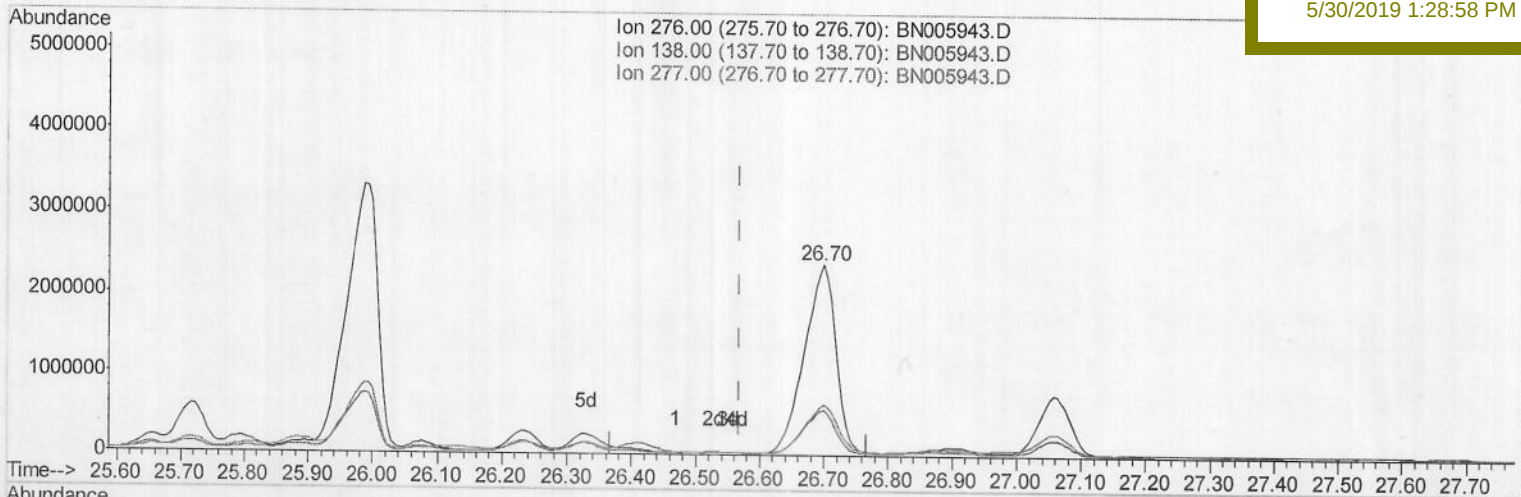
A42B8

Manual Integrations

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5/30/2019 1:28:58 PM



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

26.699min (+0.131) 71.25ng/ul m 2506105119

response 8028538

Ion	Exp%	Act%
276.00	100	100
138.00	20.90	23.29
277.00	22.70	26.04
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:59:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sample ID :

A42B8

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	595279	20.00	ng/ul	0.01
18) Naphthalene-d8	10.53	136	2666817	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.39	164	1532443	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.15	188	3108366	20.00	ng/ul	0.03
77) Chrysene-d12	21.36	240	1591030	20.00	ng/ul	0.04
85) Perylene-d12	23.65	264	2152608m	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	58529	4.33	ng/uL	0.00
5) Phenol-d5	6.91	99	1338268	25.36	ng/ul	0.02
7) Bis-(2-Chloroethyl) ether-d	7.08	67	745956	24.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	1053567	26.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.44	113	1029361	24.17	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	522960	30.55	ng/ul	0.01
22) 2-Nitrophenol-d4	9.61	143	475842	29.85	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	1032039	27.42	ng/ul	0.02
29) 4-Chloroaniline-d4	10.66	131	653974	13.25	ng/ul	0.02
43) Dimethylphthalate-d6	13.79	166	2956448	26.17	ng/ul	0.01
46) Acenaphthylene-d8	14.08	160	3857765	27.30	ng/ul	0.02
51) 4-Nitrophenol-d4	14.59	143	484620	23.57	ng/ul	0.03
57) Fluorene-d10	15.38	176	2954507	31.18	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.53	200	21747m	1.72	ng/ul	0.05
70) Anthracene-d10	17.25	188	3543546	26.79	ng/ul	0.03
78) Pyrene-d10	19.55	212	2887676	35.94	ng/ul	0.03
89) Benzo(a)pyrene-d12	23.51	264	2597964m	27.05	ng/ul	0.06

Target Compounds

					Ovalue
6) Phenol	6.94	94	91546	1.684	ng/ul 93
28) Naphthalene	10.58	128	2325564	18.374	ng/ul 99
34) 2-Methylnaphthalene	12.19	142	750384	8.048	ng/ul 98
40) 1,1'-Biphenyl	13.21	154	304682	2.681	ng/ul 98
44) Dimethylphthalate	13.84	163	1112754	9.855	ng/ul 100
47) Acenaphthylene	14.11	152	809685	5.843	ng/ul# 97
49) Acenaphthene	14.45	153	2932477	31.149	ng/ul 100
53) Dibenzofuran	14.79	168	2686888	20.218	ng/ul 99
58) Fluorene	15.44	166	4177704	40.024	ng/ul 97
69) Phenanthrene	17.19	178	24525452m	159.248	ng/ul
71) Anthracene	17.29	178	12853398	82.206	ng/ul 95
74) Carbazole	17.55	167	7063762	50.149	ng/ul 98
76) Fluoranthene	19.22	202	25275512m	153.736	ng/ul
79) Pyrene	19.58	202	23874655m	236.886	ng/ul
82) Benzo(a)anthracene	21.35	228	16380244	163.777	ng/ul# 85
83) Bis(2-ethylhexyl)phthalate	21.27	149	173215	2.638	ng/ul# 84
84) Chrysene	21.41	228	15435730	165.475	ng/ul# 86
87) Benzo(b)fluoranthene	22.98	252	20713738	171.322	ng/ul 94
88) Benzo(k)fluoranthene	23.02	252	7449346m	67.011	ng/ul
90) Benzo(a)pyrene	23.57	252	15303499m	134.221	ng/ul
91) Indeno(1,2,3-cd)pyrene	25.99	276	10980596m	82.074	ng/ul
92) Dibenzo(a,h)anthracene	25.99	278	3011731m	27.037	ng/ul
93) Benzo(g,h,i)perylene	26.70	276	8028538m	71.250	ng/ul

JU06/05/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\

Data File : BN005943.D

Acq On : 29 May 2019 22:33

Operator : JU/SJ

Sample : K2928-03

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 30 06:59:45 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A42B8

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed