

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:15:09 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

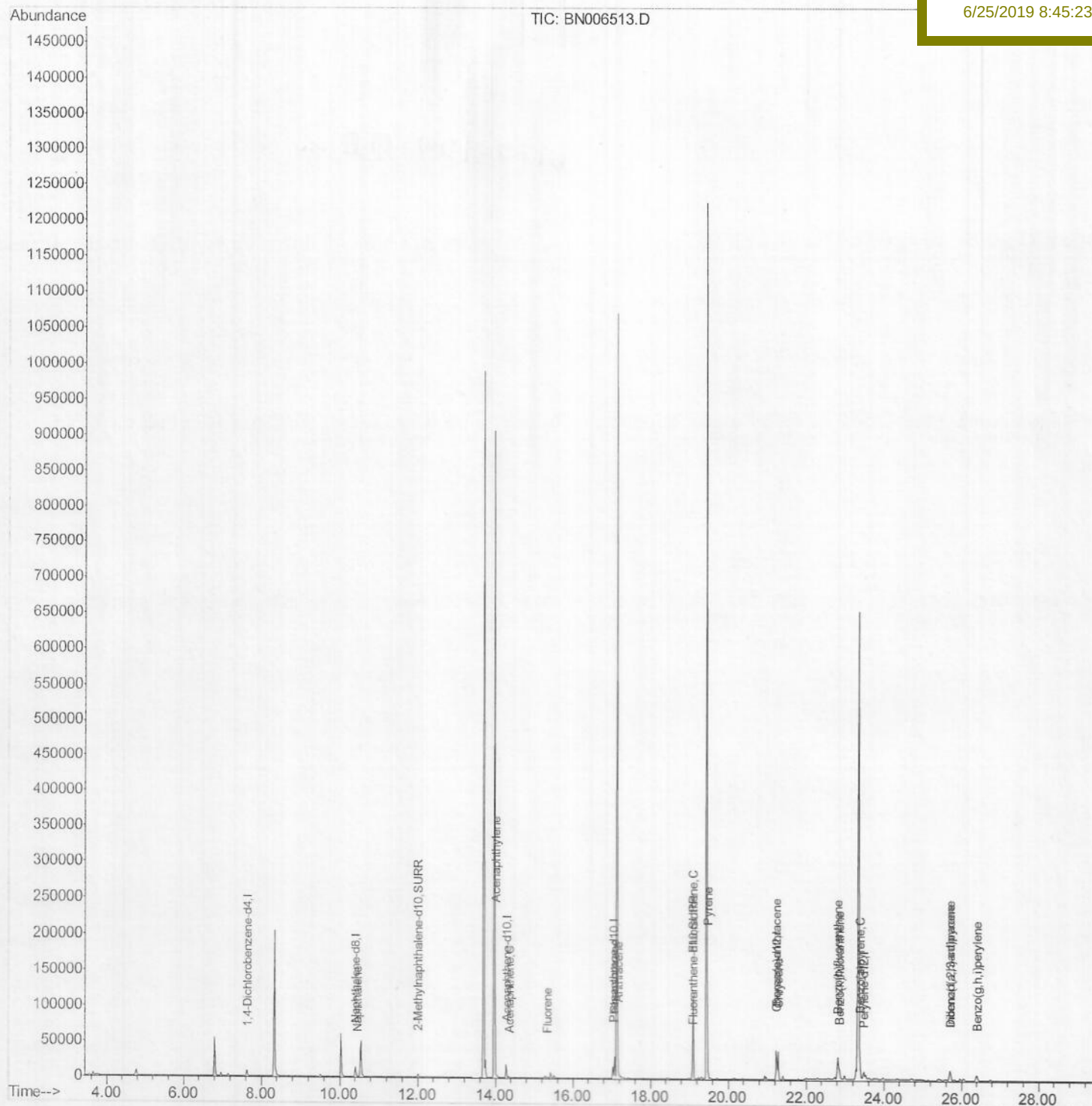
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:10:41 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

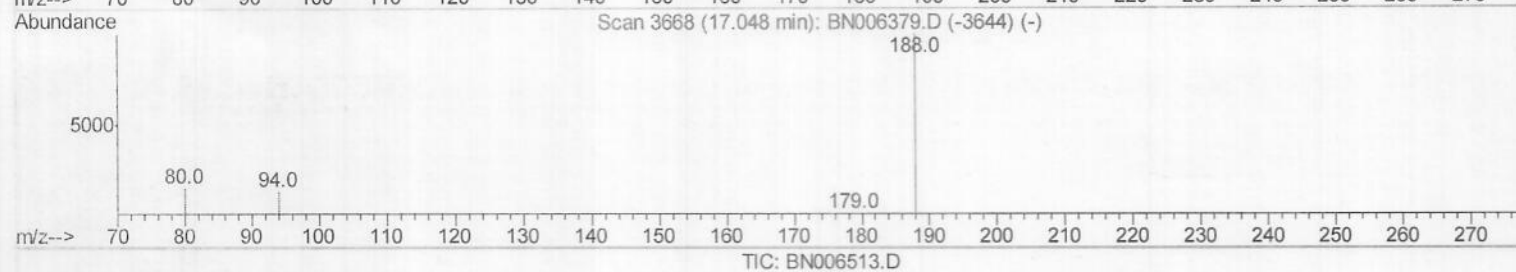
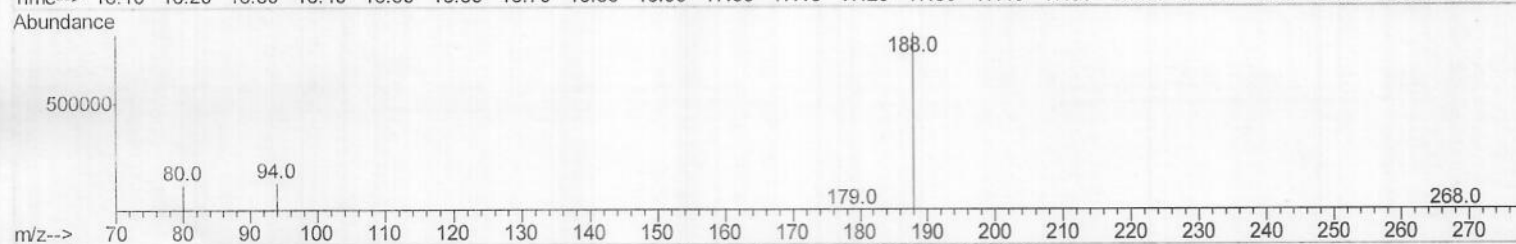
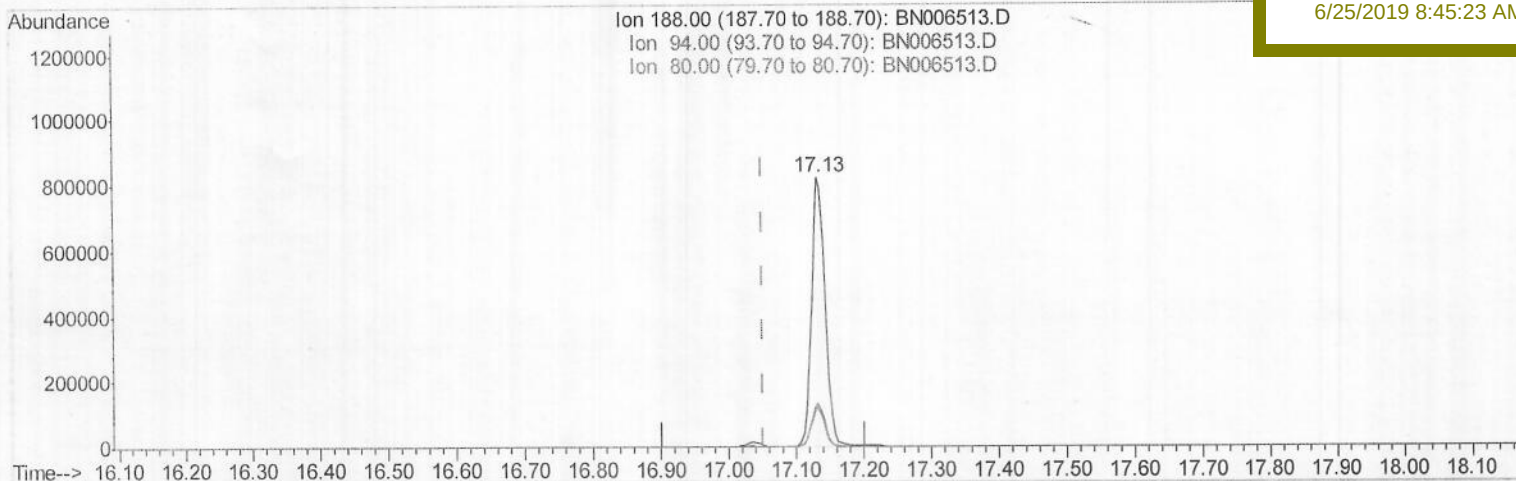
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(10) Phenanthrene-d10 (I)

17.133min (+0.080) 0.40ng/ul

response 1152841

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	16.07#
80.00	13.60	14.64
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:10:41 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

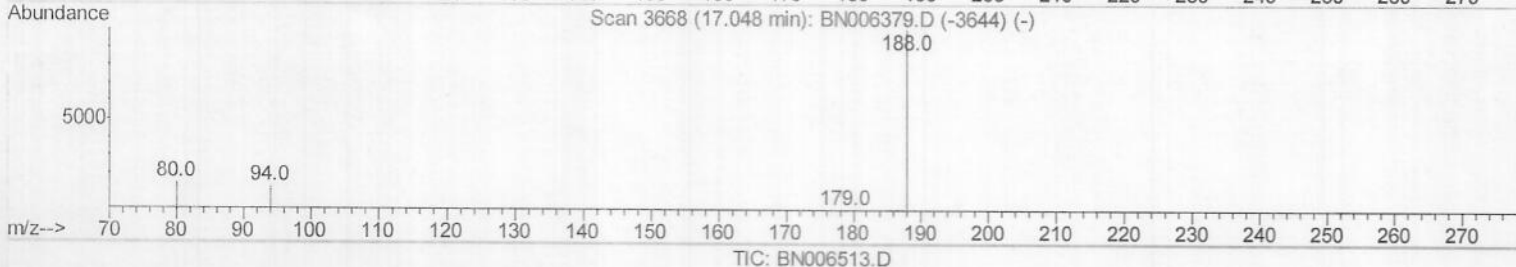
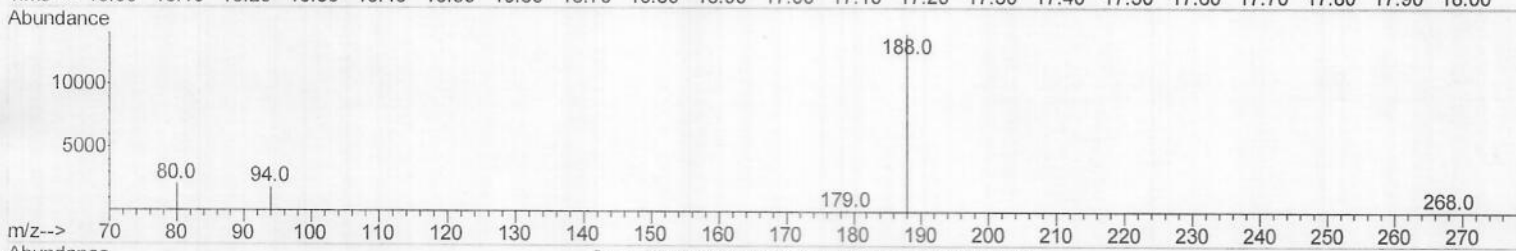
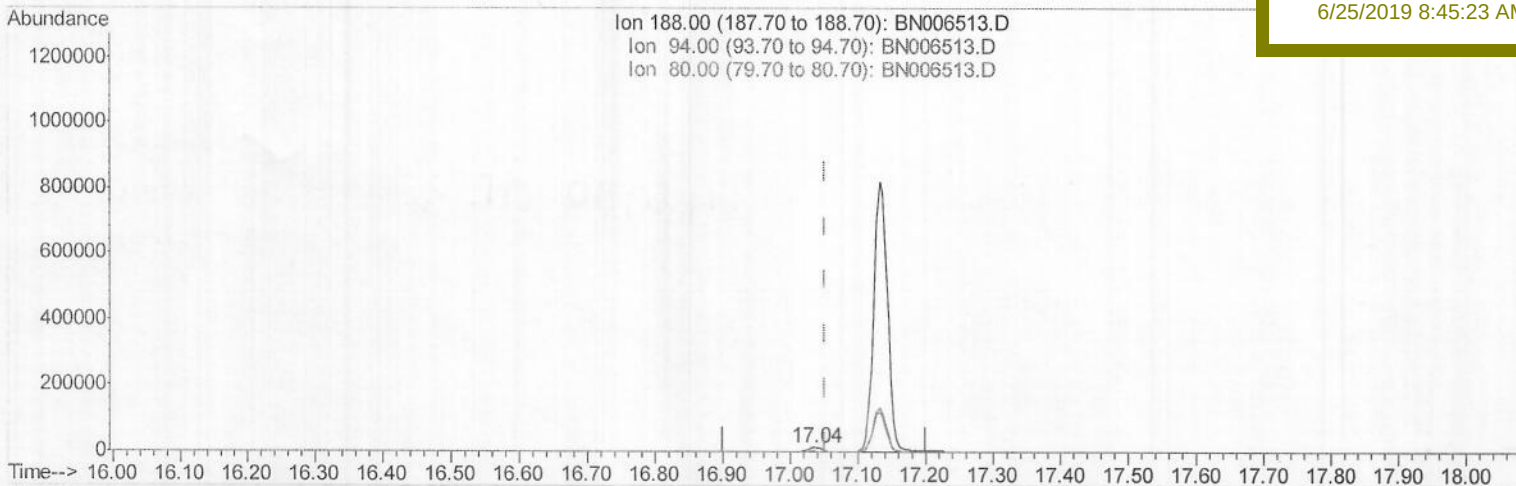
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(10) Phenanthrene-d10 (I)

17.036min (-0.017) 0.40ng/ul m

response 19930

Ion	Exp%	Act%
188.00	100	100
94.00	13.00	13.50
80.00	13.60	15.33
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

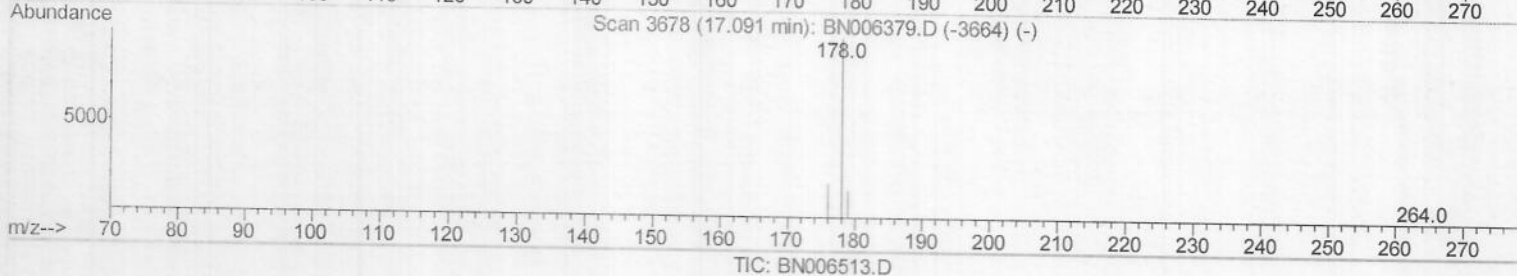
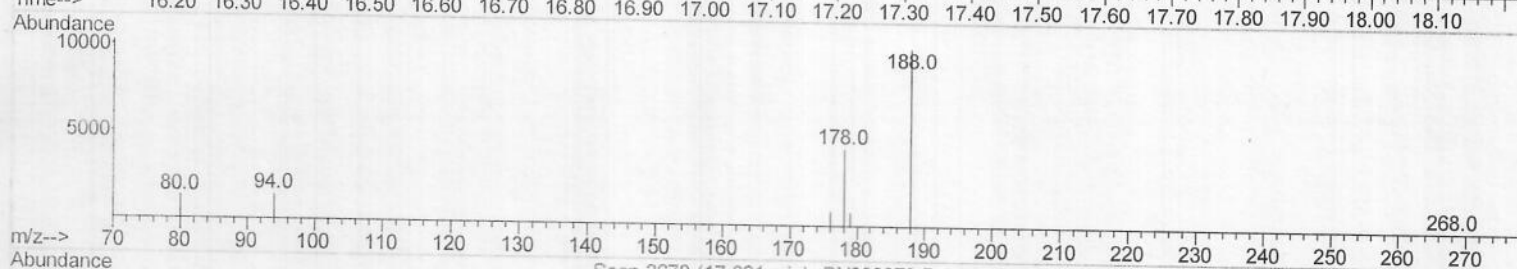
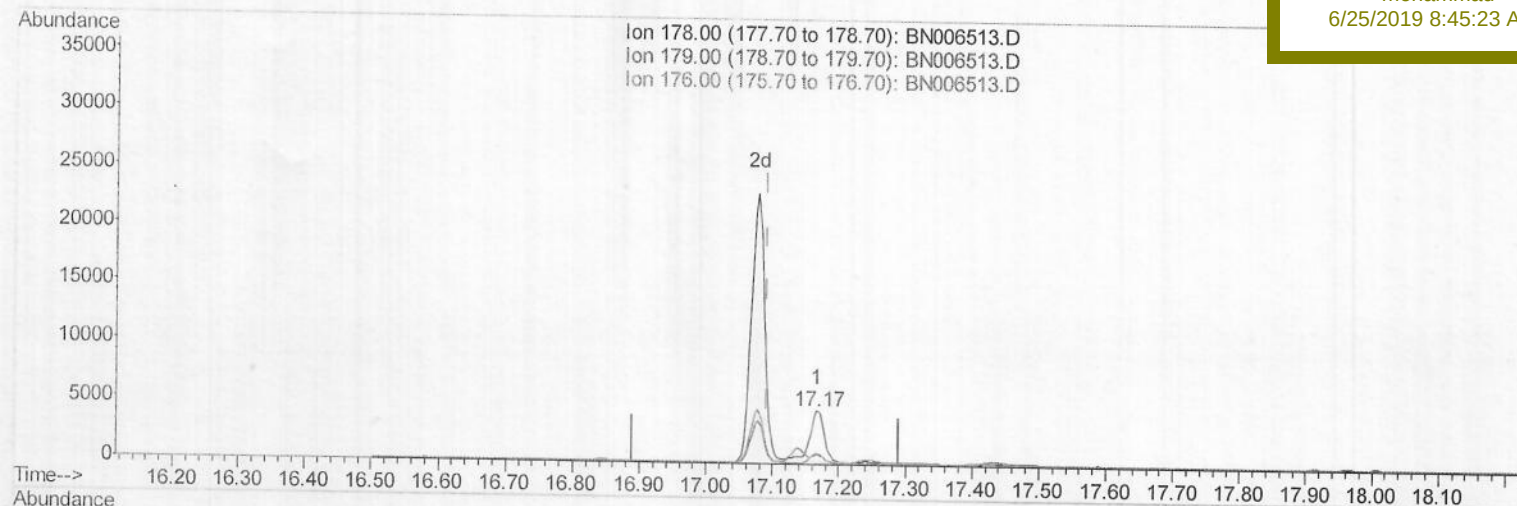
ClientSampleId :

A41Z3

Manual Integrations
APPROVED

mohammad

6/25/2019 8:45:23 AM



(12) Phenanthrene

17.166min (+0.076) 0.11ng/ul

response 6738

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	18.15
176.00	19.10	20.43
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

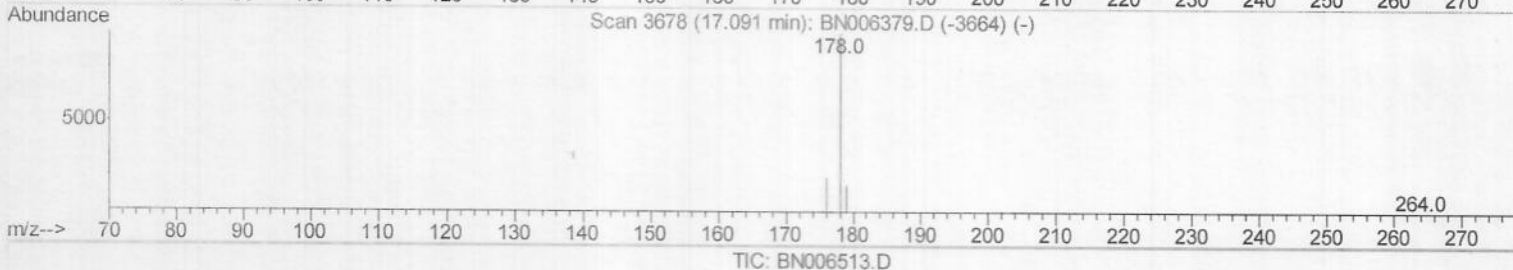
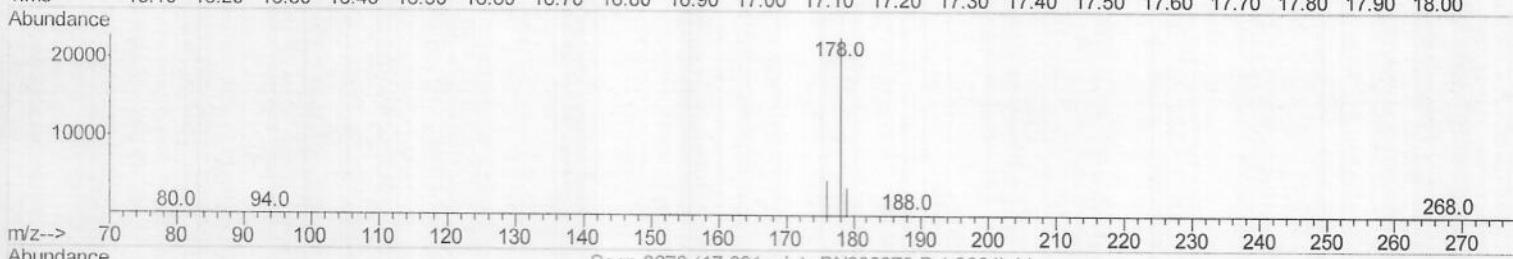
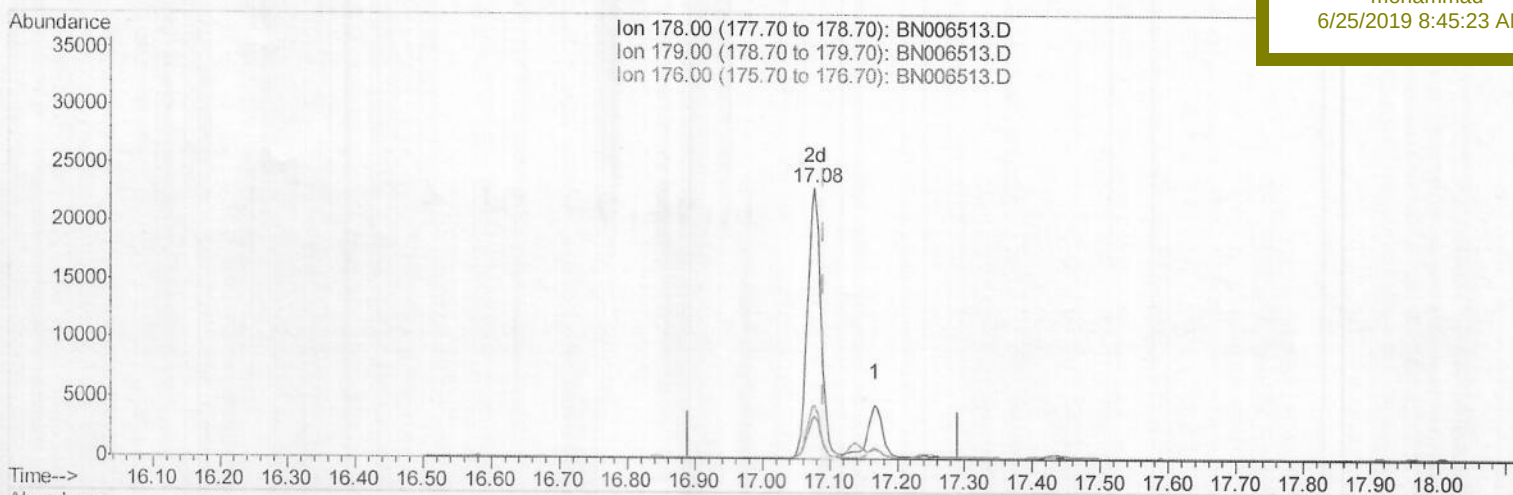
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(12) Phenanthrene

17.078min (-0.013) 0.49ng/ul m

response 31597

Ion	Exp%	Act%
178.00	100	100
179.00	15.40	15.53
176.00	19.10	19.58
0.00	0.00	0.00

7 JU 06/26/19

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

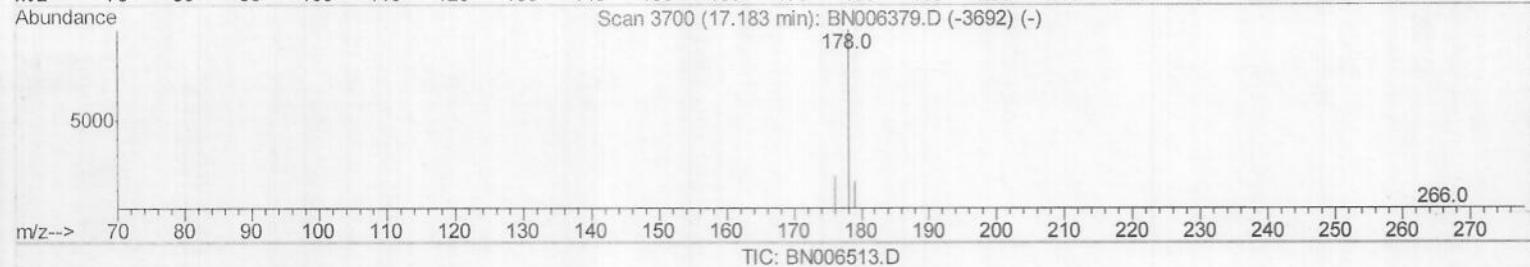
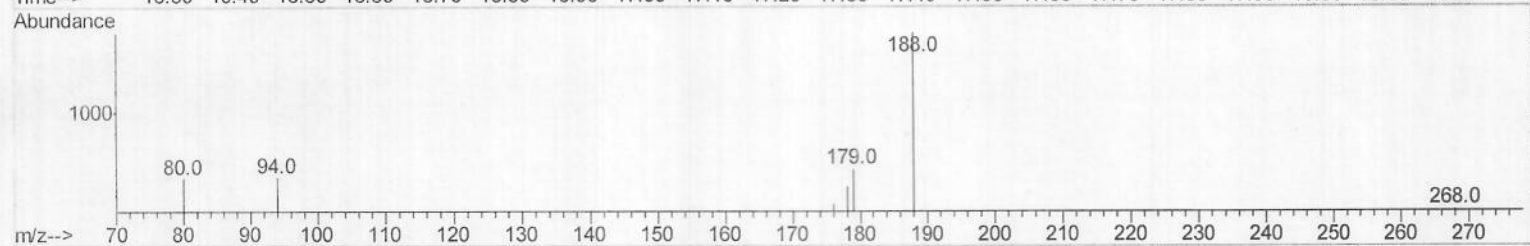
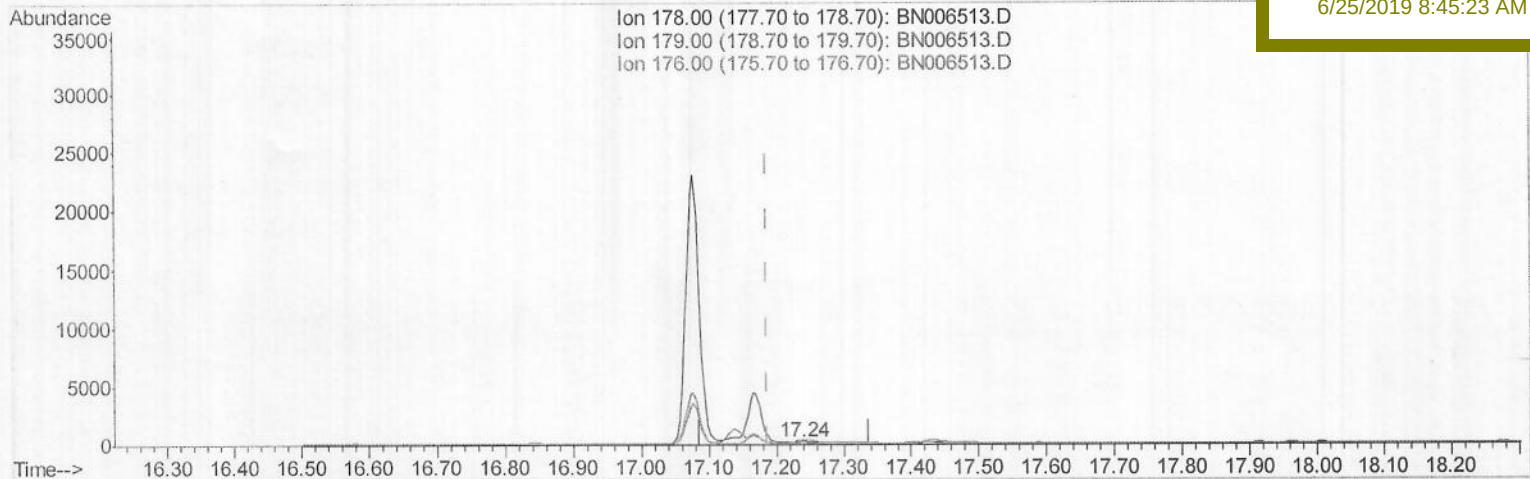
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(13) Anthracene

17.238min (+0.051) 0.00ng/ul

response 271

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	158.80#
176.00	18.90	40.49#
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

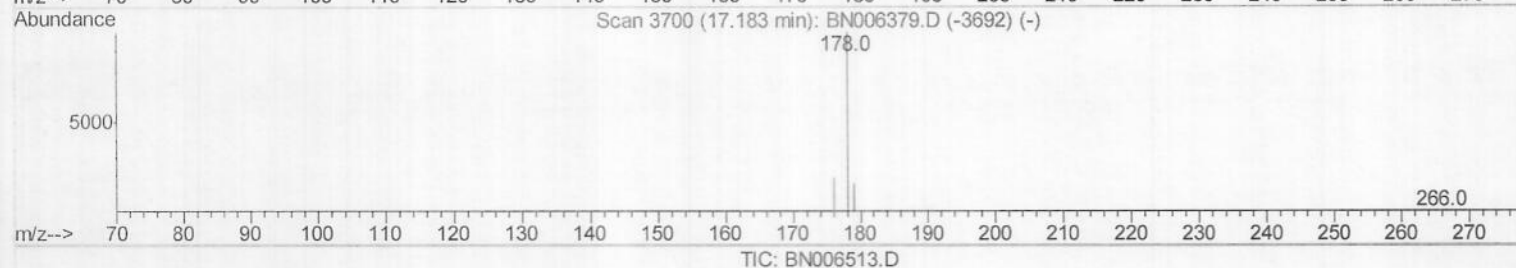
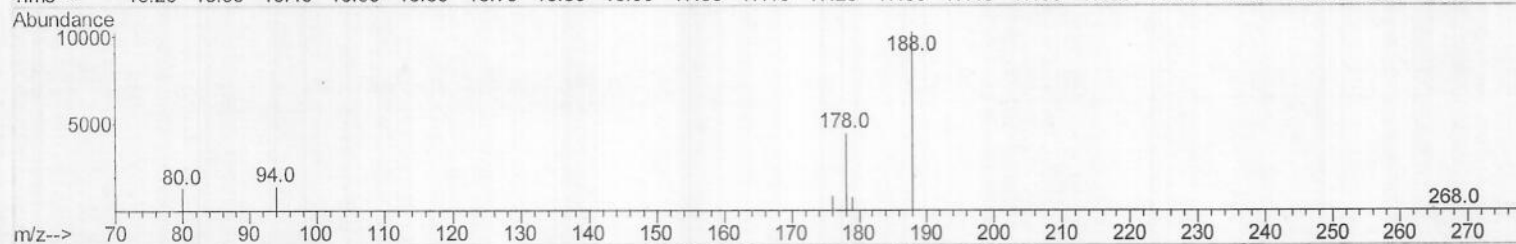
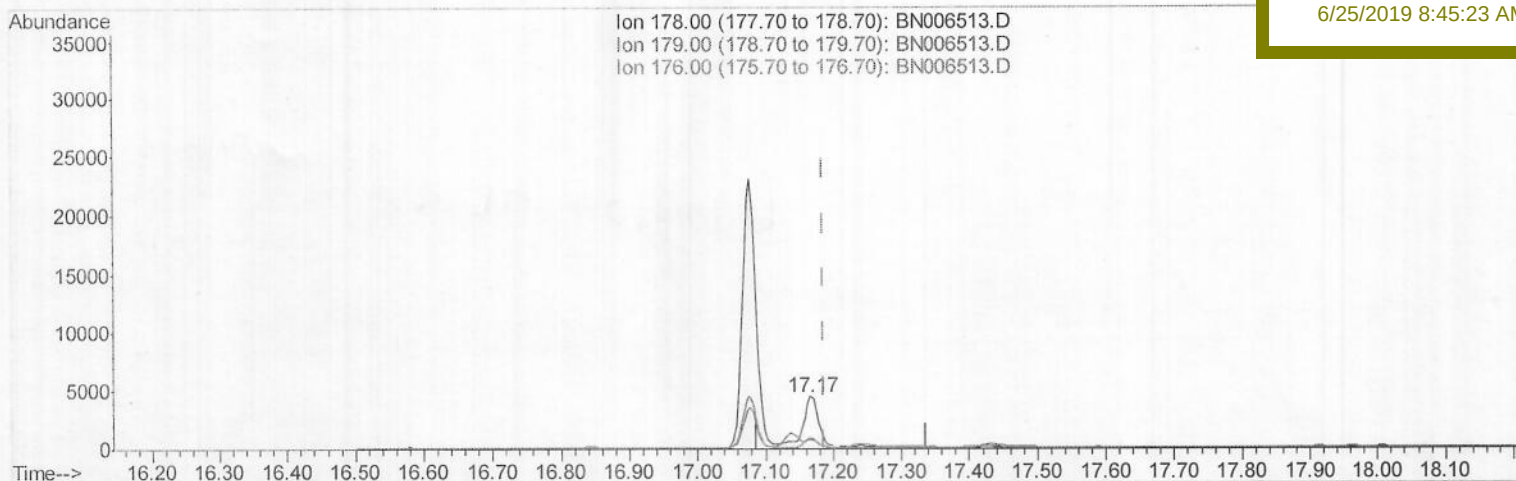
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(13) Anthracene

17.166min (-0.021) 0.10ng/ul m

response 6126

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	18.15
176.00	18.90	20.43
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

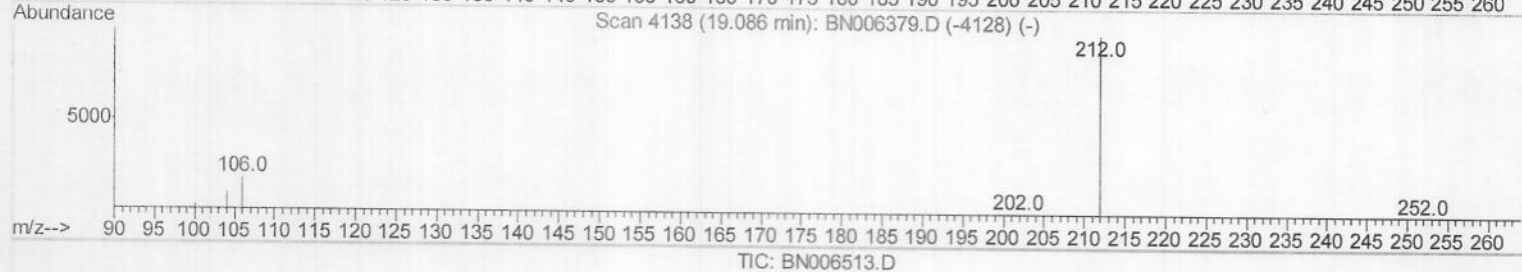
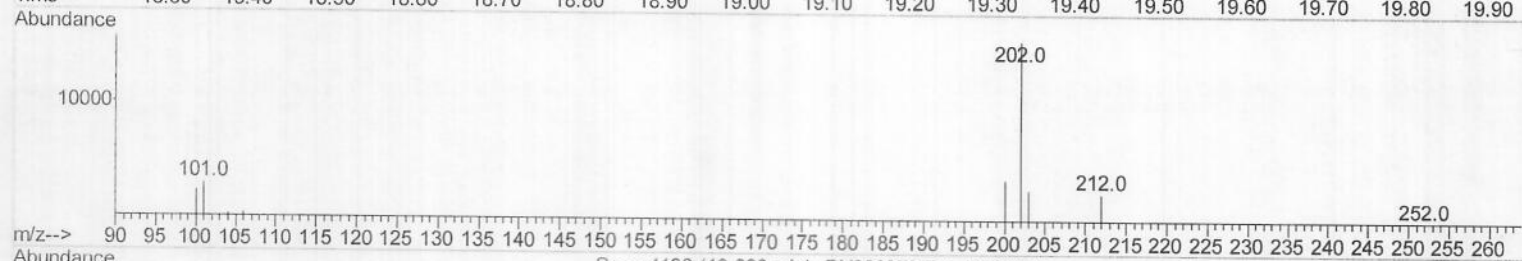
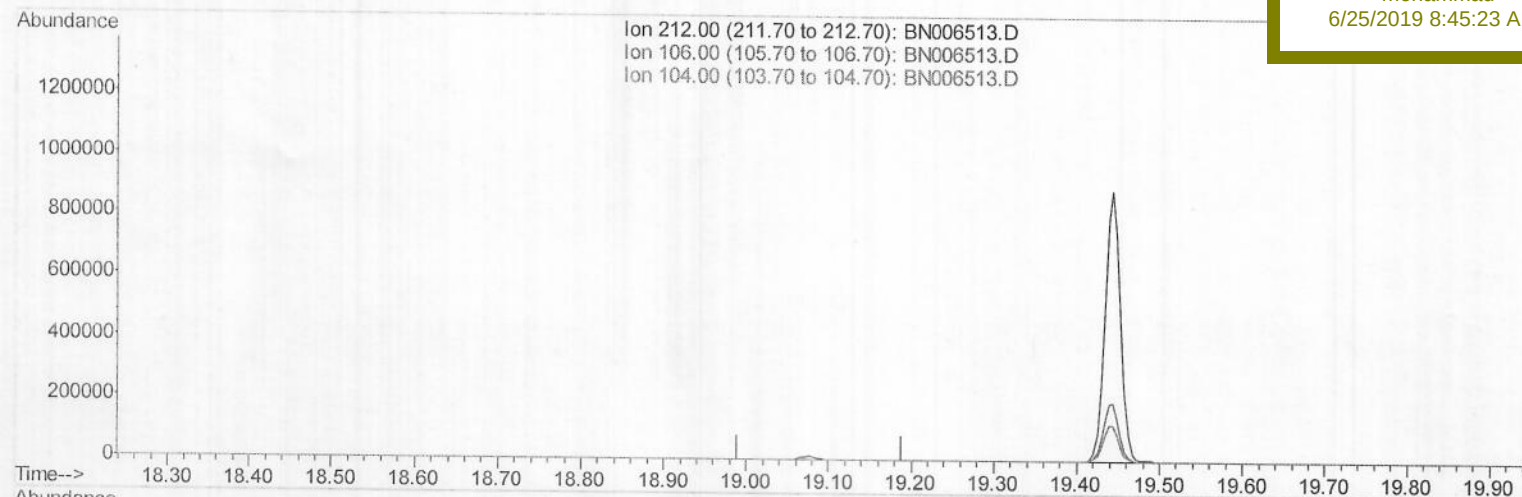
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 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

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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 :

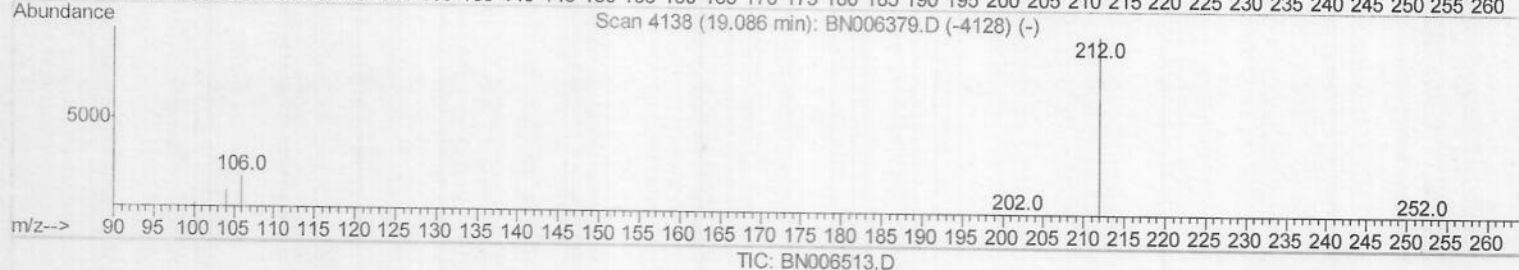
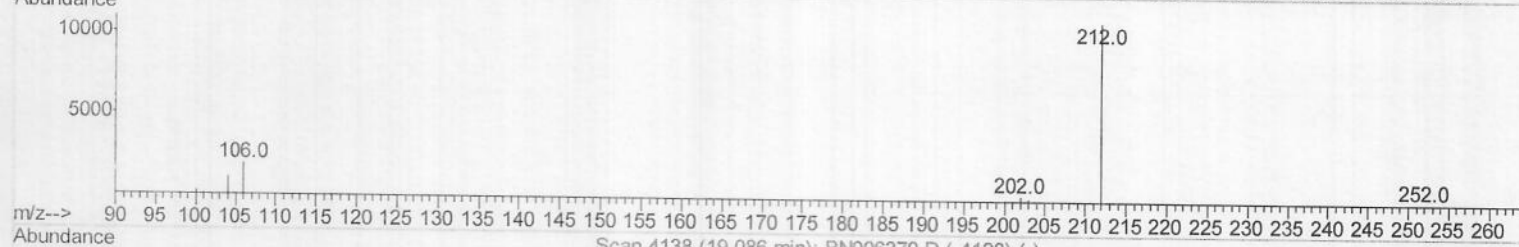
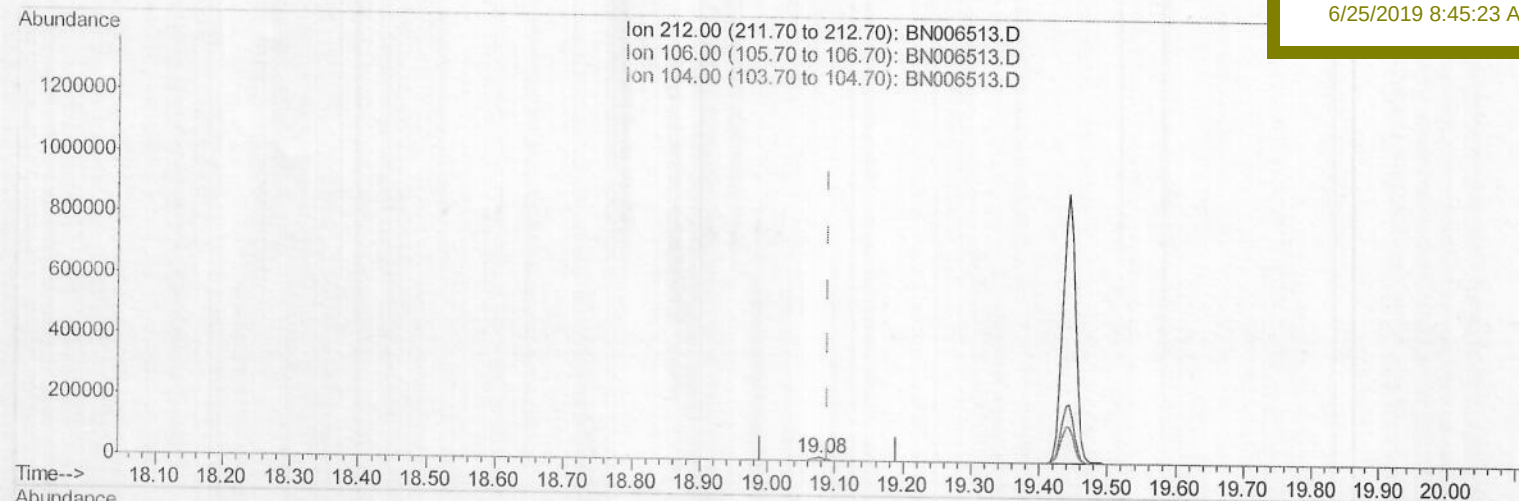
A41Z3

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:23 AM



(14) Fluoranthene-d10 (SURR)

19.076min (-0.014) 0.27ng/ul m

response 14558

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\BN062219\

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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 :

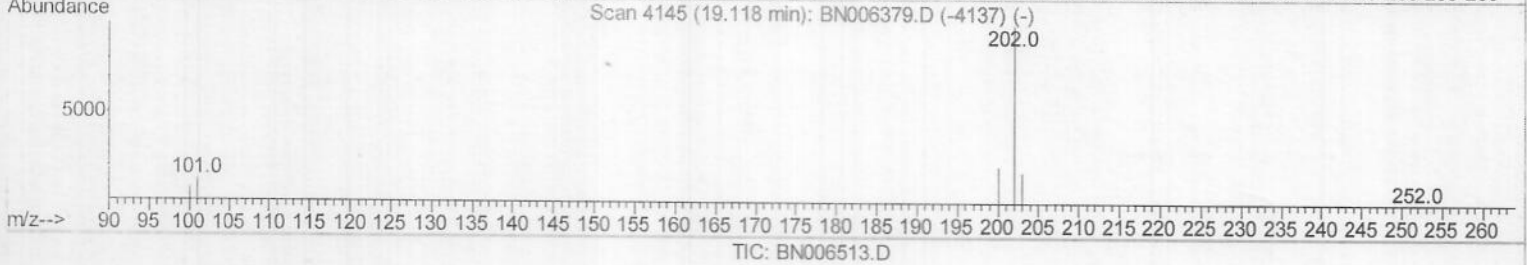
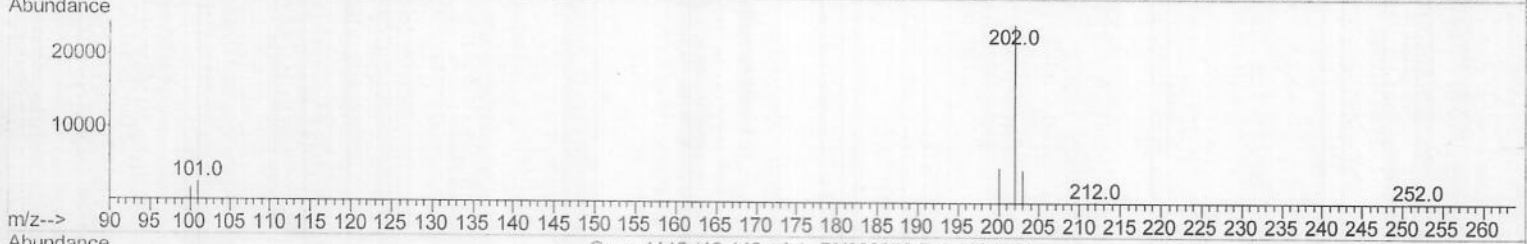
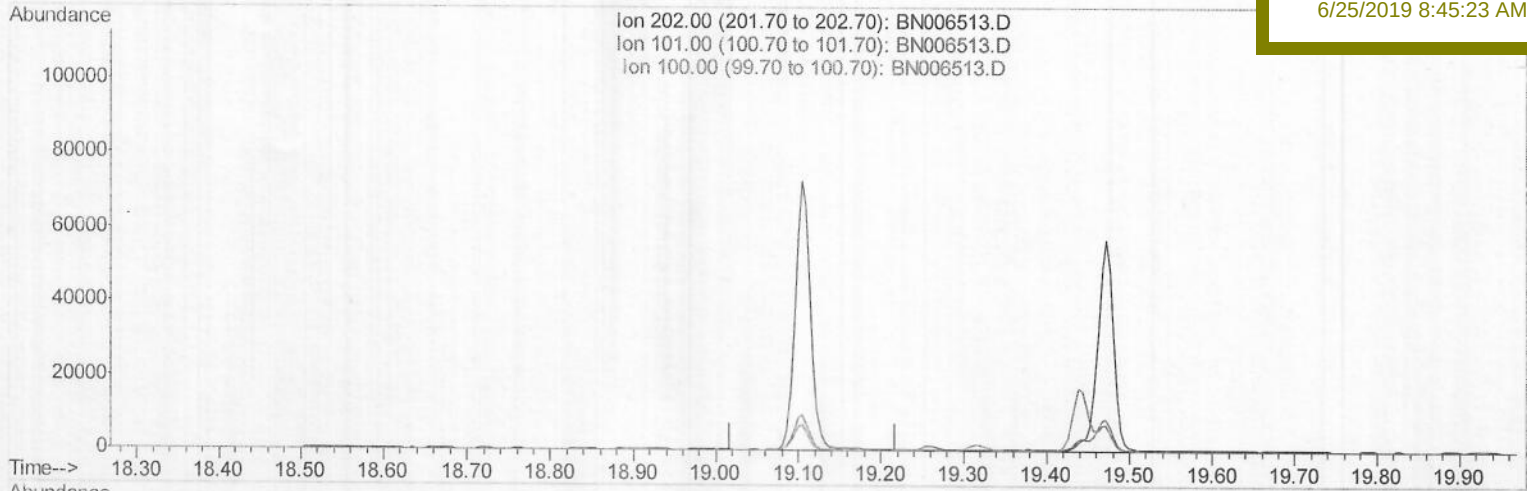
A41Z3

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:23 AM



(15) Fluoranthene (C)

19.118min (-19.118) 0.00ng/ui

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\BN062219\

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

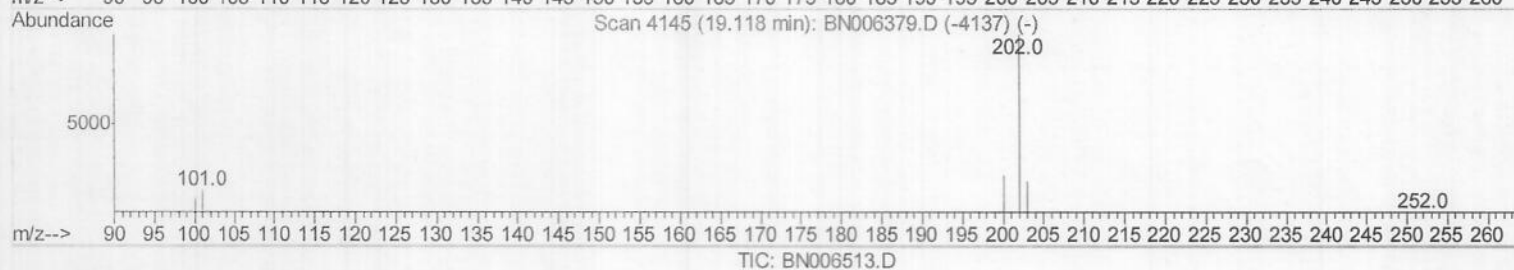
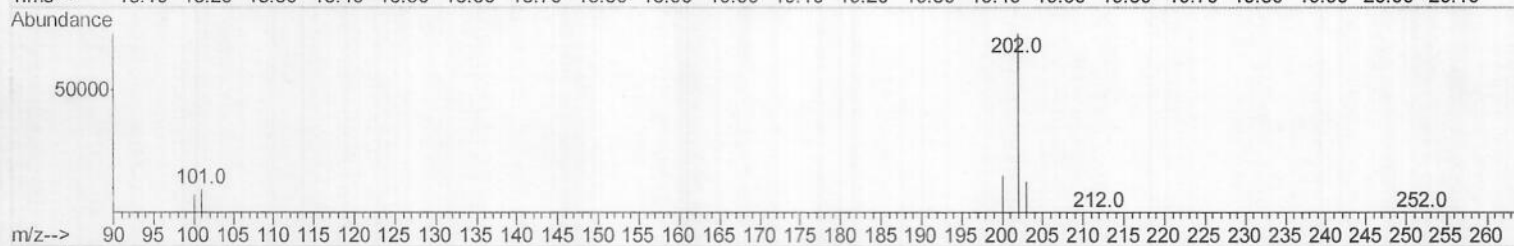
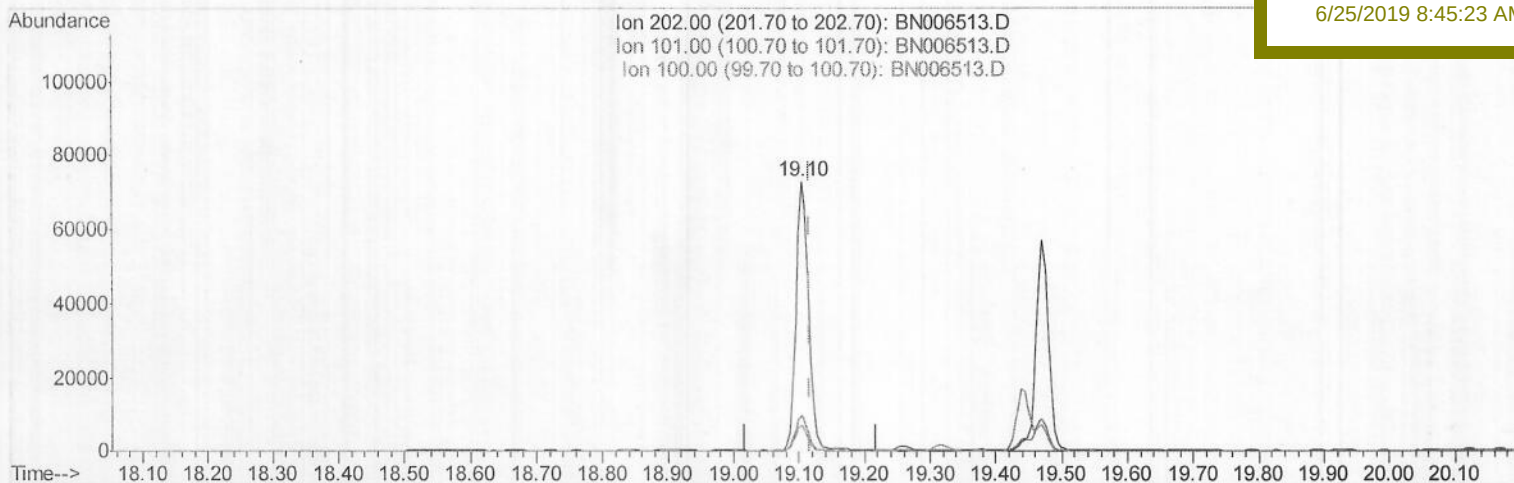
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(15) Fluoranthene (C)

19.104min (-0.014) 1.38ng/ul m

response 97565

Ion	Exp%	Act%
202.00	100	100
101.00	12.10	13.18
100.00	8.70	9.55
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

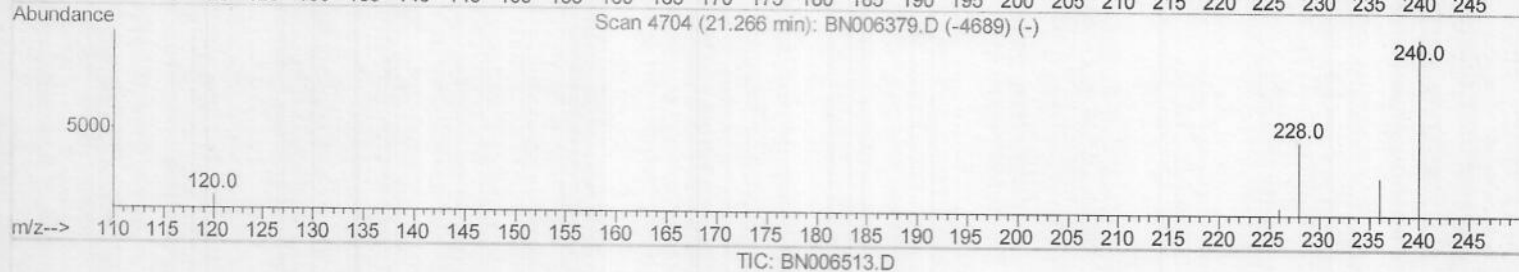
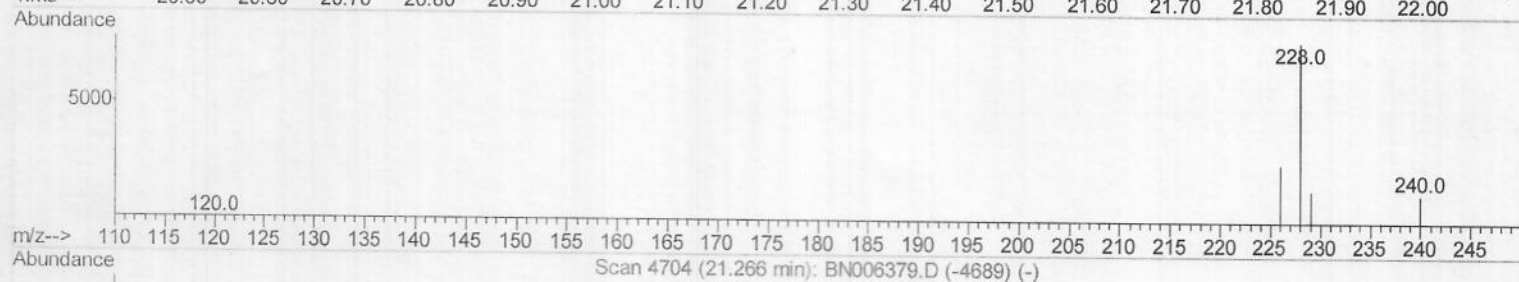
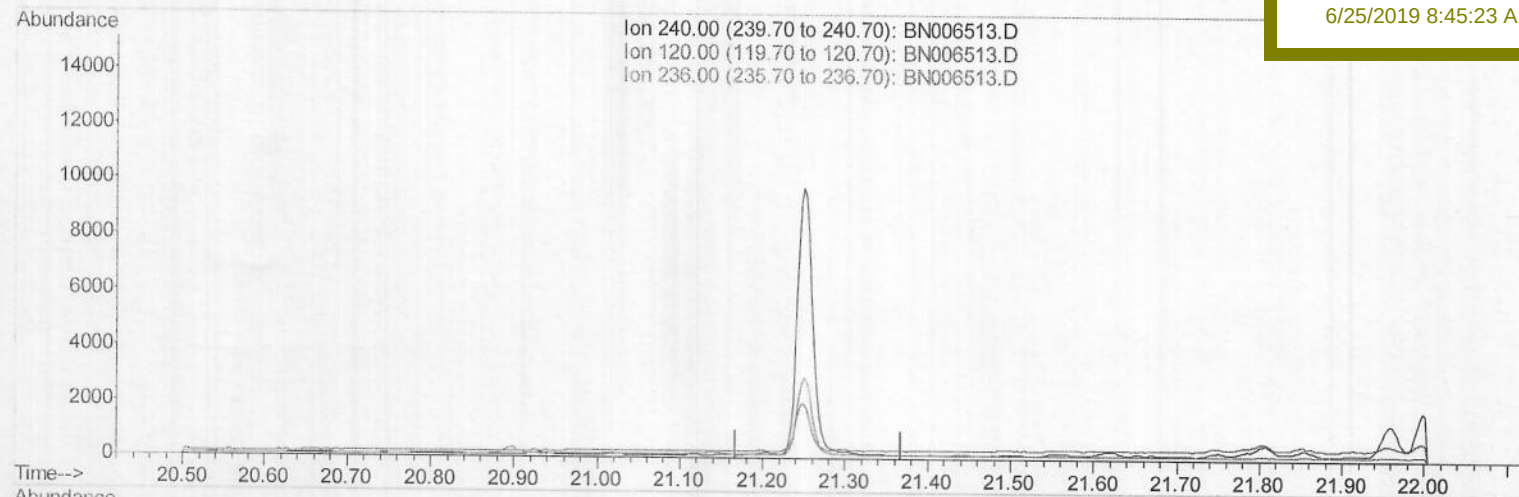
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 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 : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:11:09 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

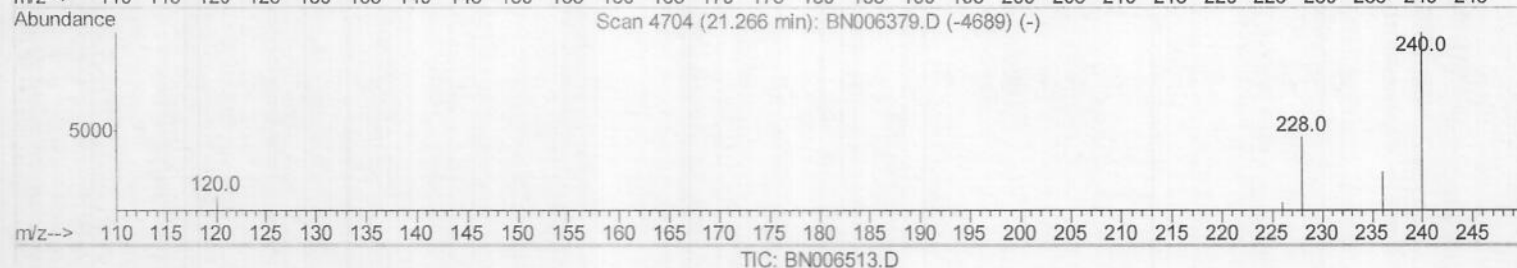
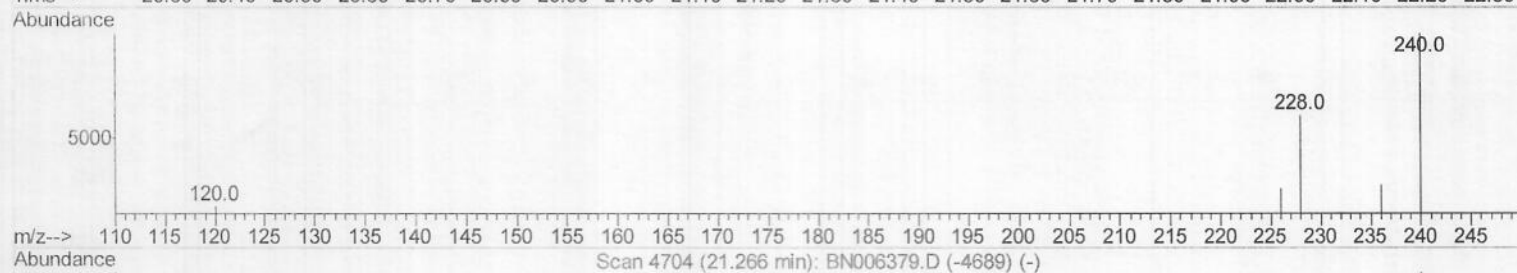
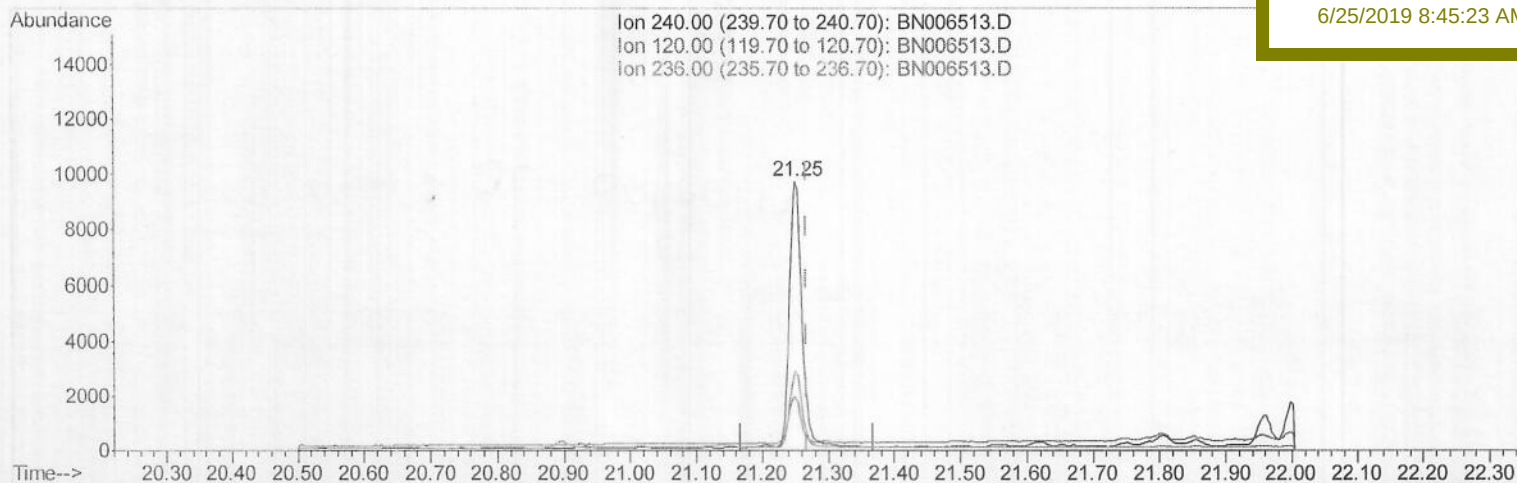
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(16) Chrysene-d12 (I)

21.251min (-0.017) 0.40ng/ul m

response 12815

Ion	Exp%	Act%
240.00	100	100
120.00	20.10	20.17
236.00	30.10	29.94
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:12:48 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 : Mon Jun 17 11:13:07 2019

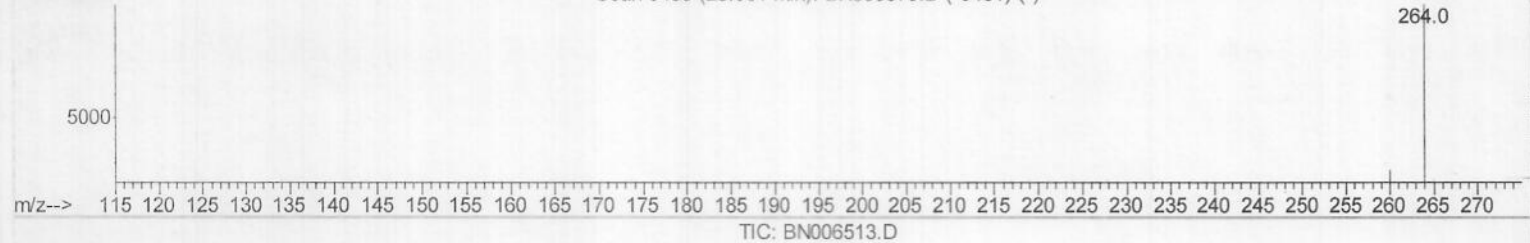
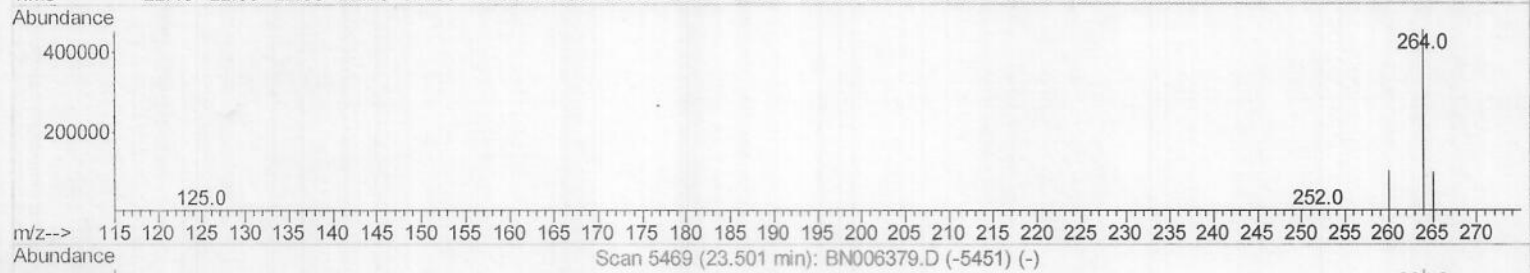
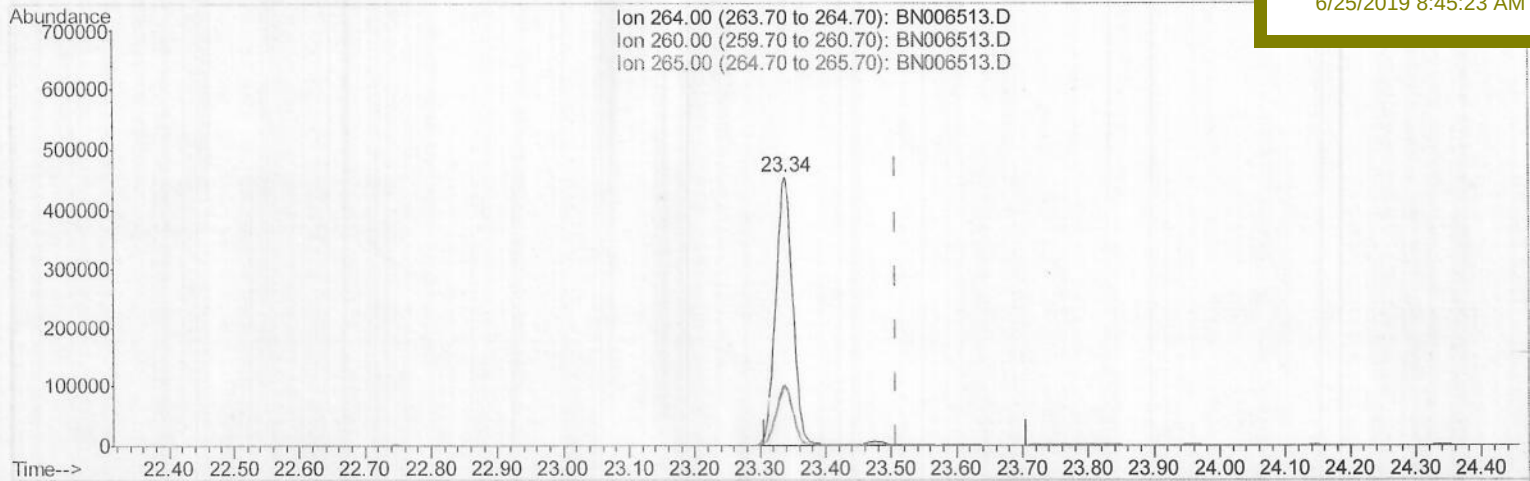
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(20) Perylene-d12 (I)

23.338min (-0.169) 0.40ng/ul

response 793770

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	22.39#
265.00	44.70	21.32#
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:12:48 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 : Mon Jun 17 11:13:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

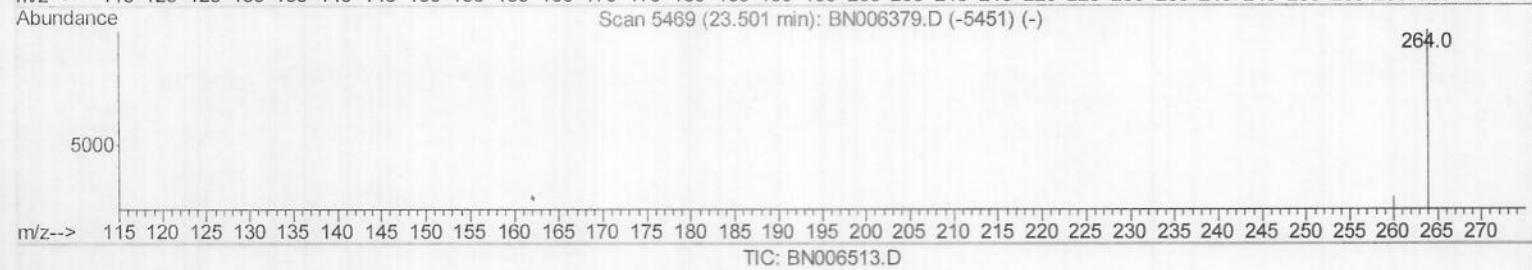
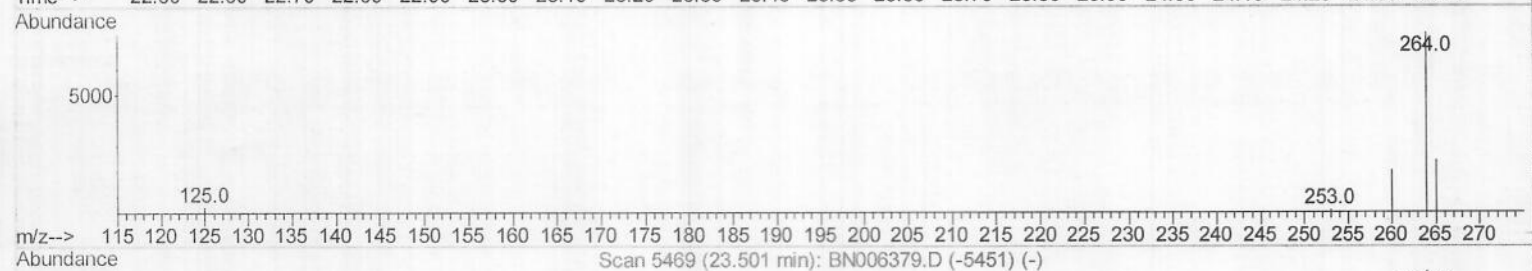
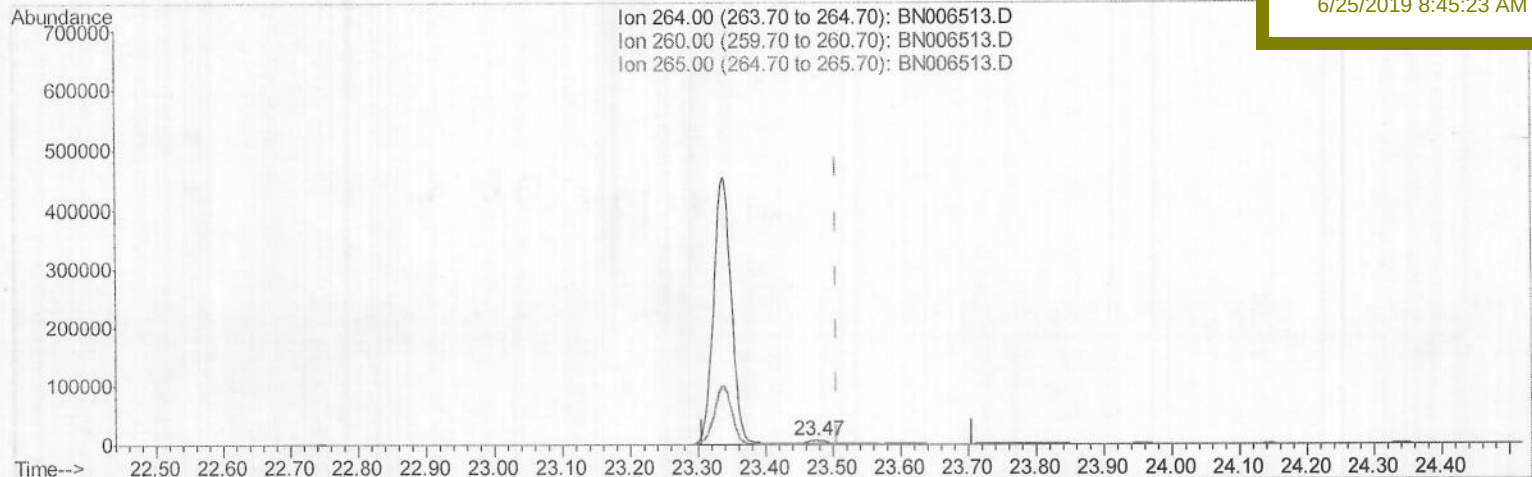
A41Z3

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:23 AM



(20) Perylene-d12 (I)

23.475min (-0.032) 0.40ng/ul m

response 11445

Ion	Exp%	Act%
264.00	100	100
260.00	29.20	27.72
265.00	44.70	32.79#
0.00	0.00	0.00

> JU 06/26/19

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

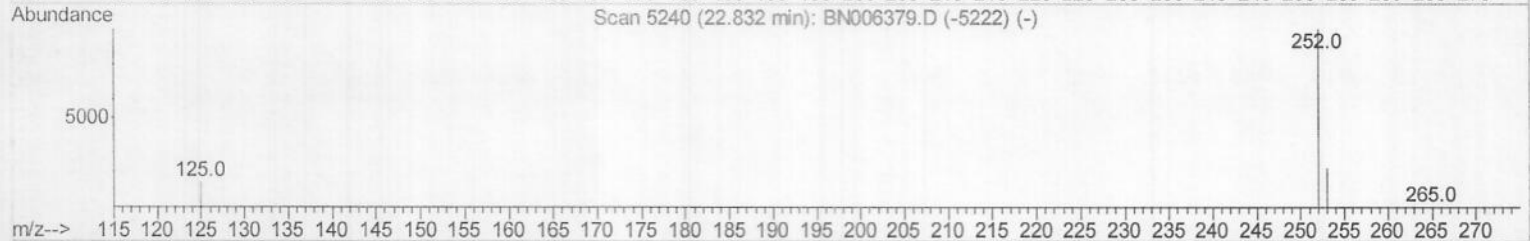
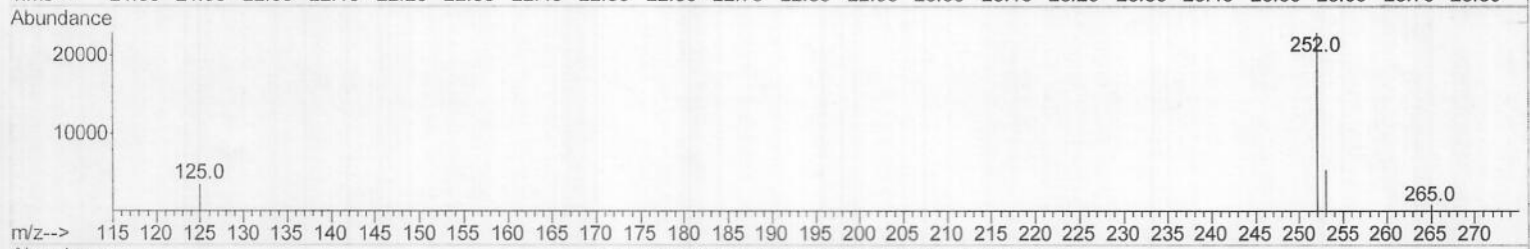
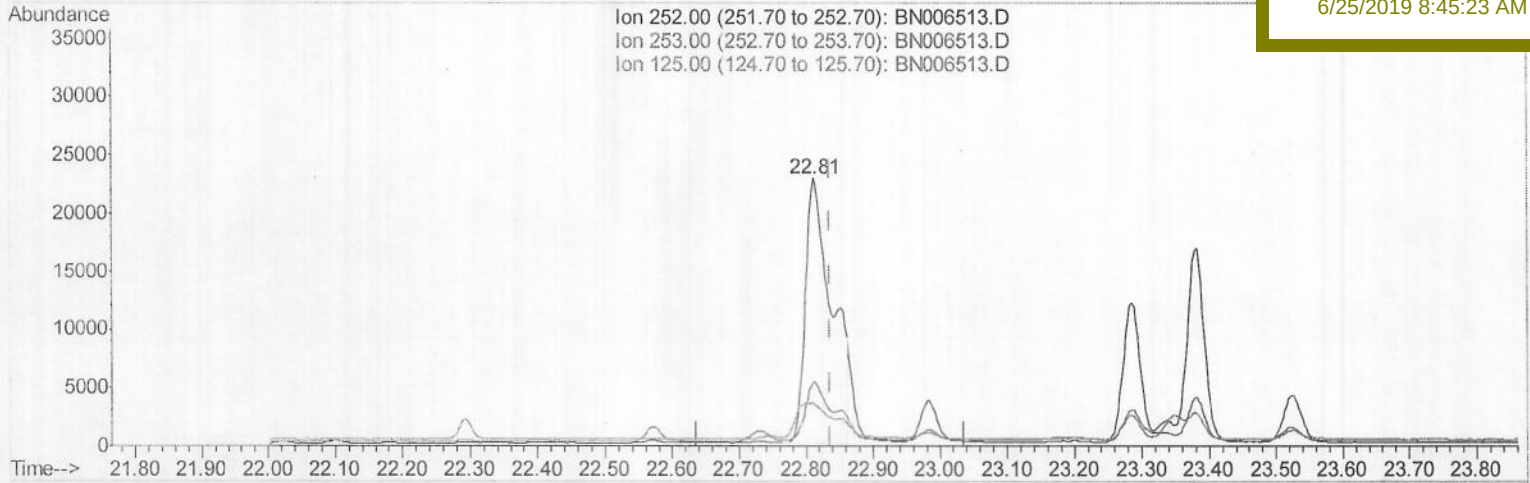
A41Z3

Manual Integrations

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mohammad

6/25/2019 8:45:23 AM



TIC: BN006513.D

(21) Benzo(b)fluoranthene

22.811min (-0.026) 1.28ng/ul

response 60857

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.81
125.00	20.50	15.73
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

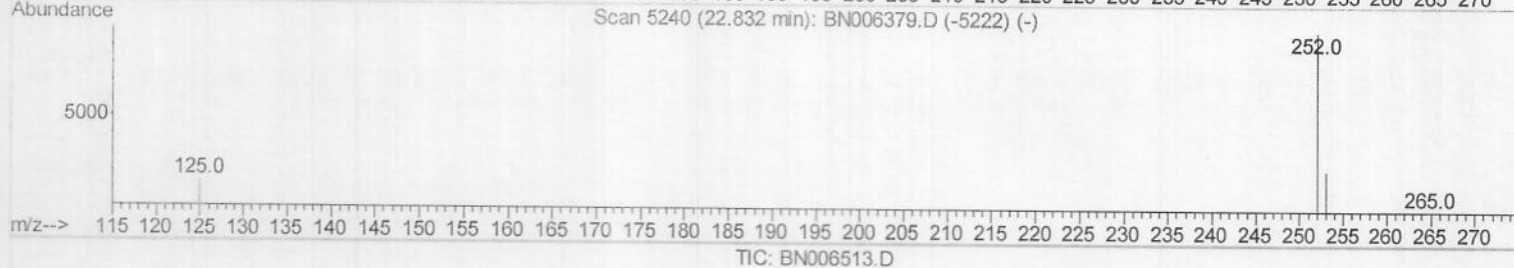
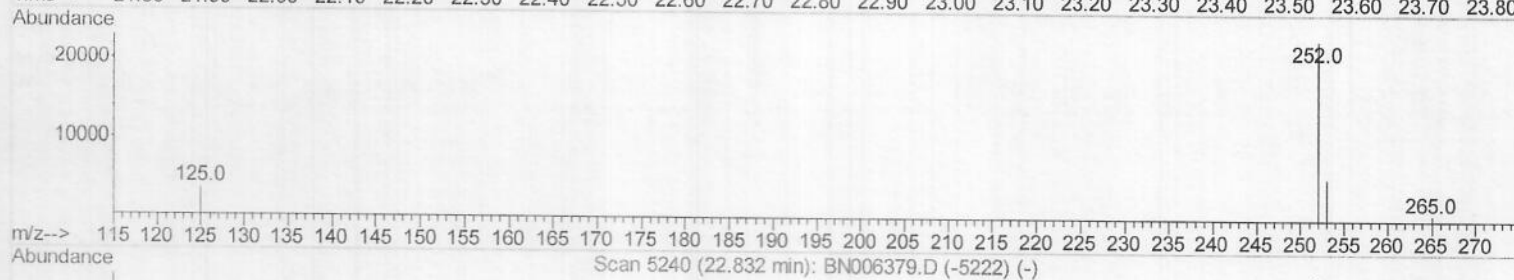
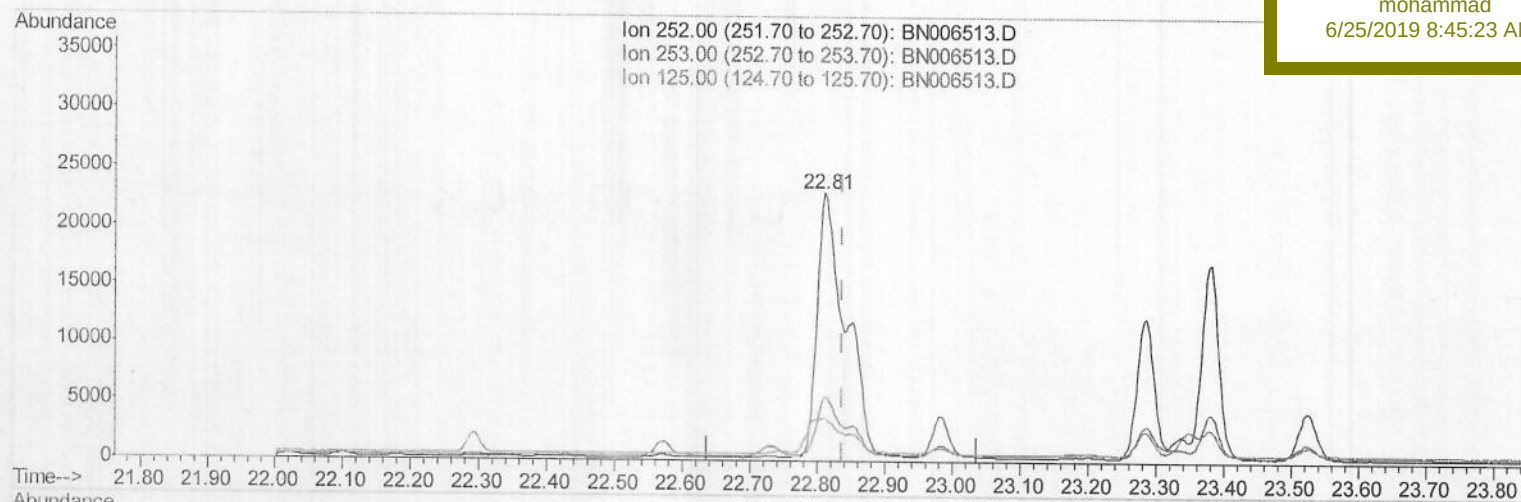
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(21) Benzo(b)fluoranthene

22.811min (-0.026) 1.00ng/ul m

response 47541

Ion	Exp%	Act%
252.00	100	100
253.00	25.70	23.81
125.00	20.50	15.73
0.00	0.00	0.00

> JU 06/26/19

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

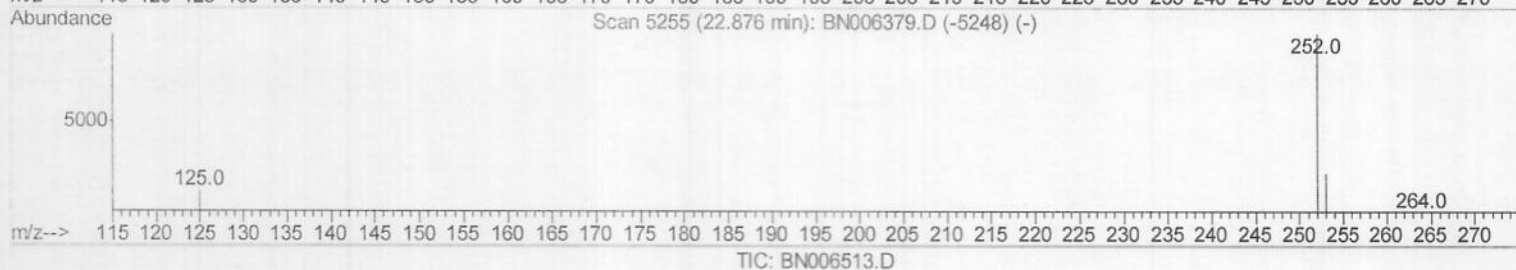
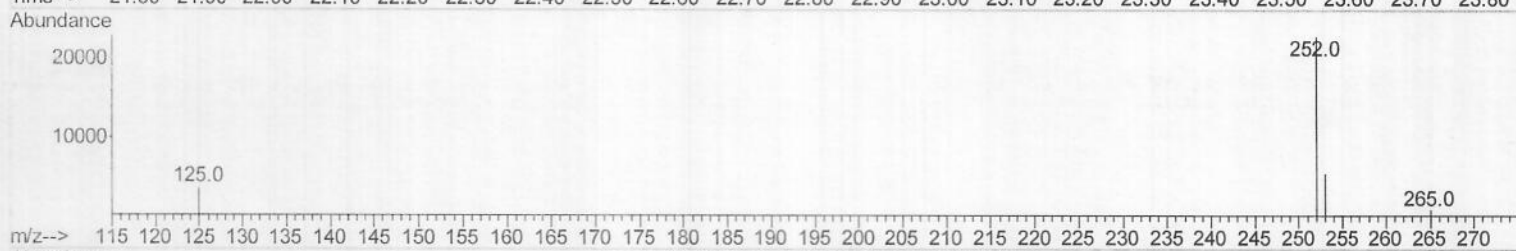
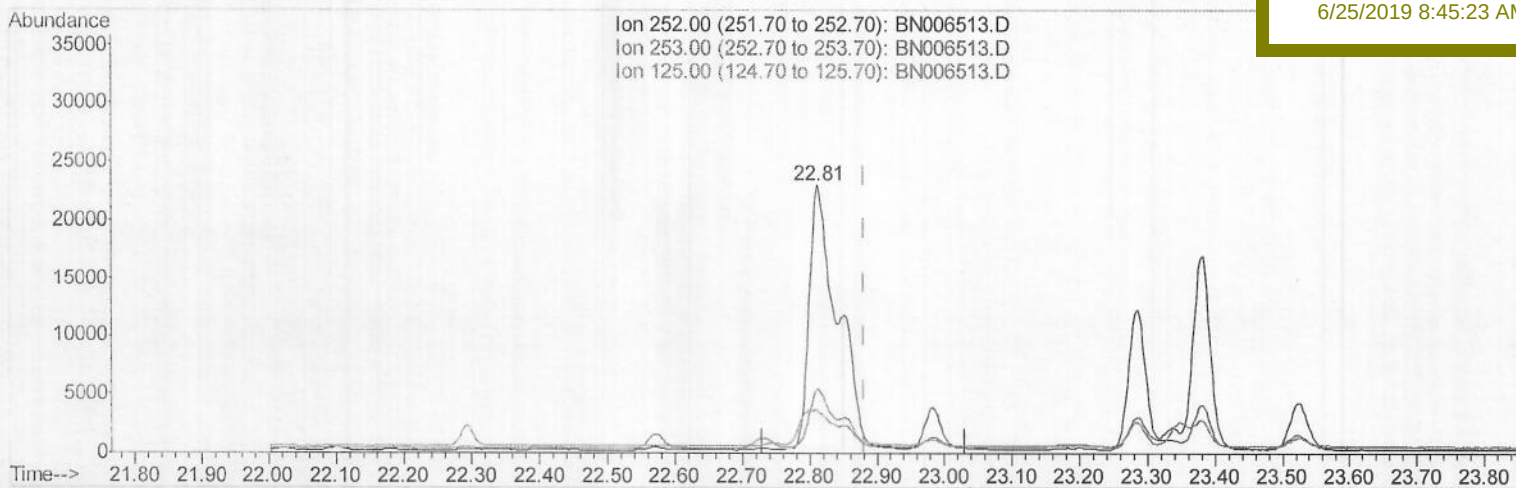
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(22) Benzo(k)fluoranthene

22.811min (-0.070) 1.15ng/ul

response 53507

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	23.81
125.00	17.90	15.73
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

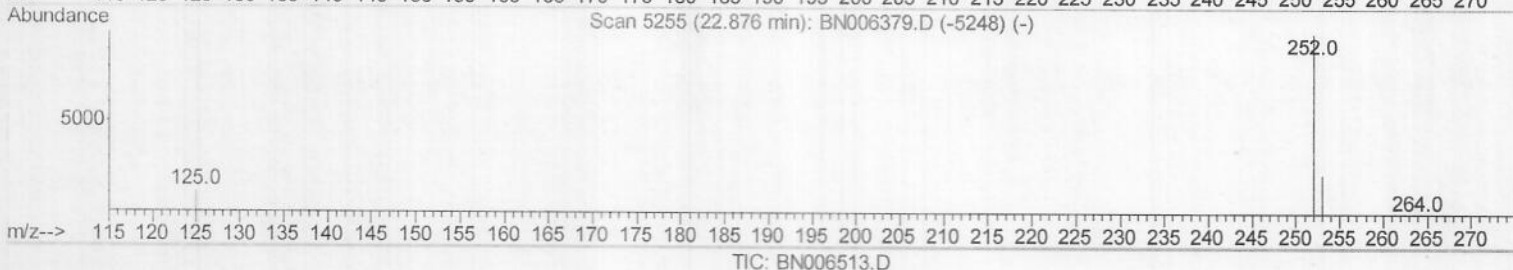
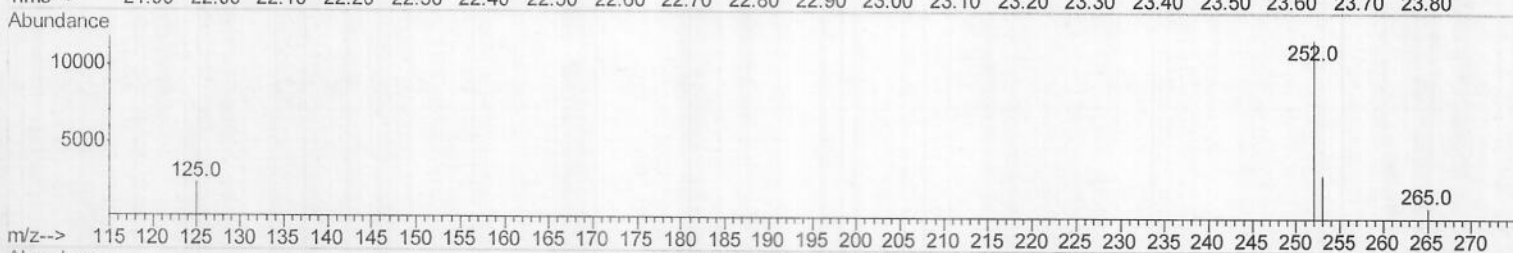
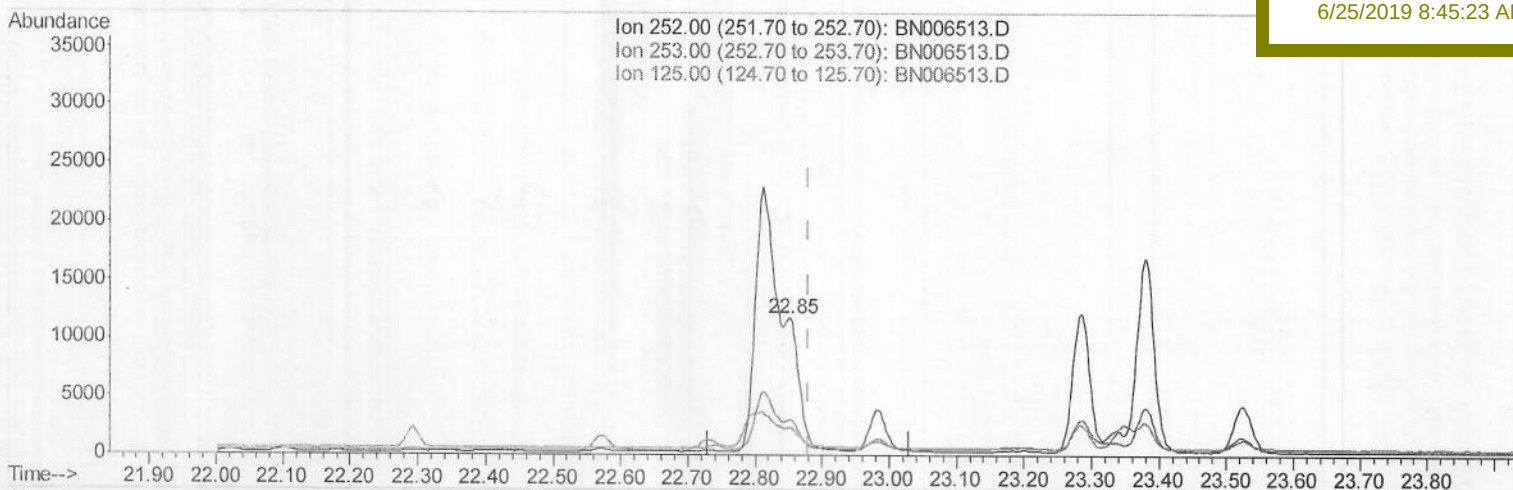
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

(22) Benzo(k)fluoranthene

22.852min (-0.029) 0.39ng/ul m

response 18205

Ion	Exp%	Act%
252.00	100	100
253.00	25.40	25.73
125.00	17.90	19.73
0.00	0.00	0.00

7 JU 06/26/19

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

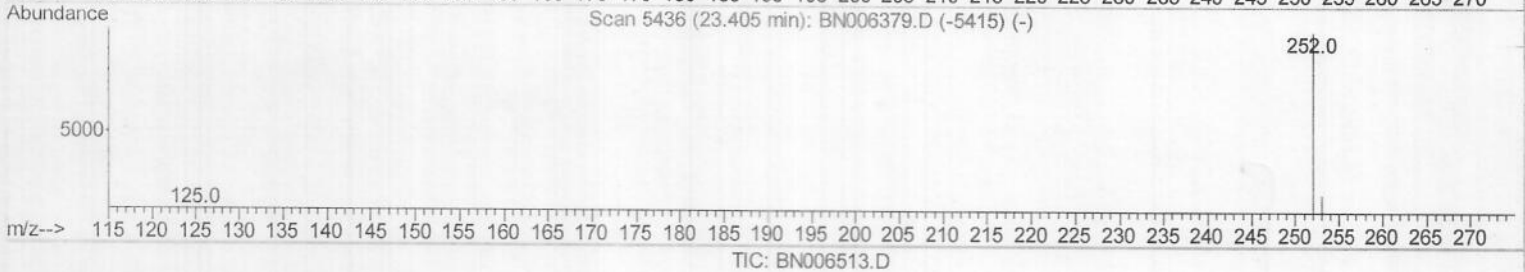
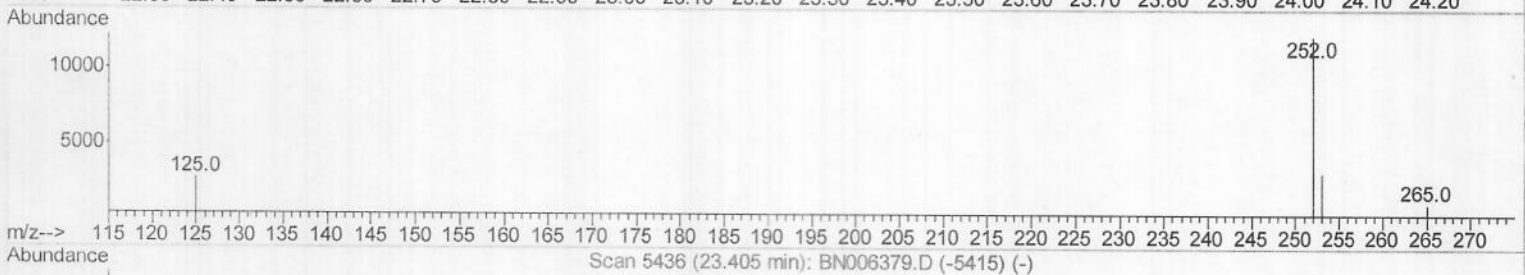
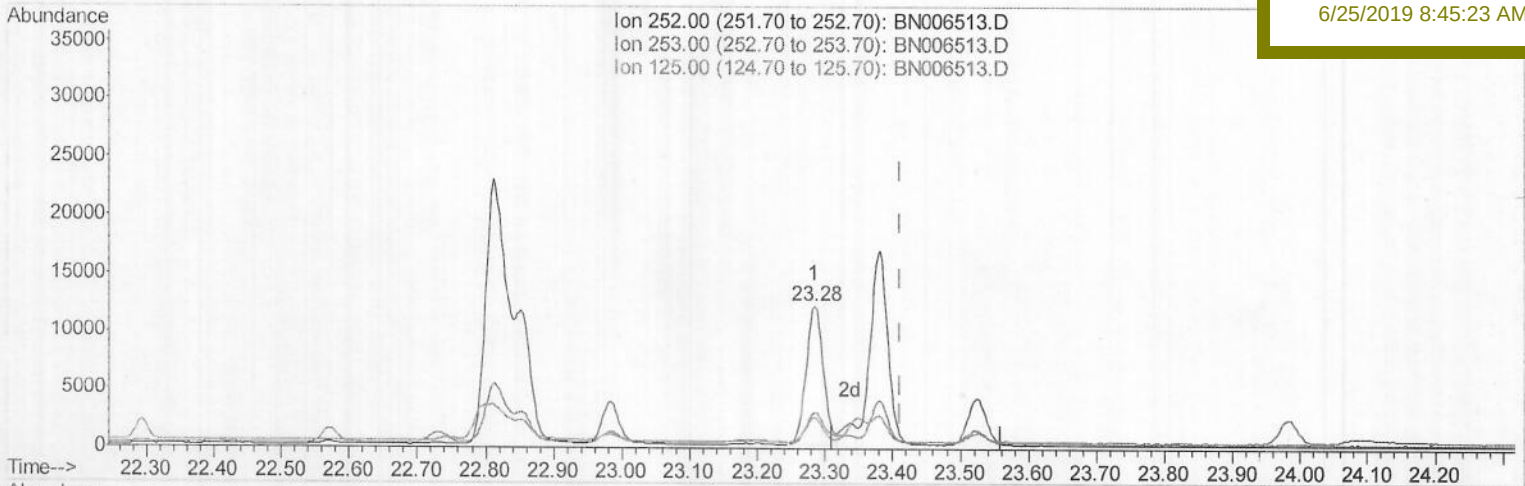
A41Z3

Manual Integrations

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(23) Benzo(a)pyrene (C)

23.285min (-0.126) 0.48ng/ul

response 21276

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	24.70
125.00	25.40	21.24
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

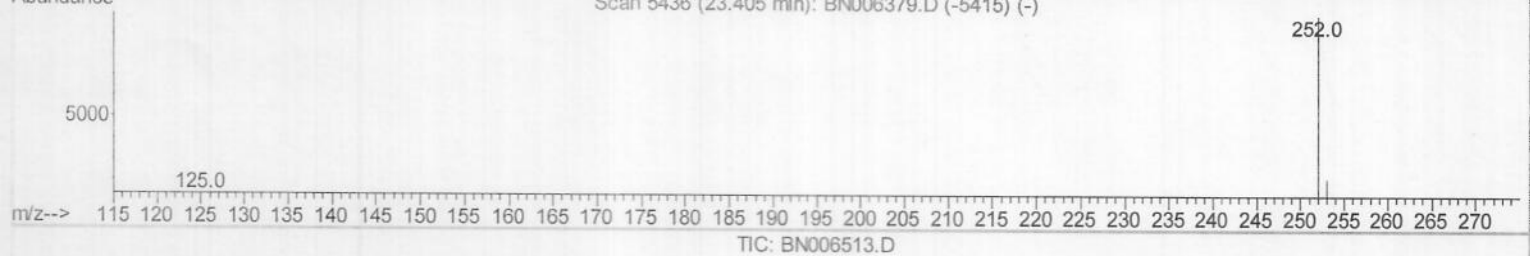
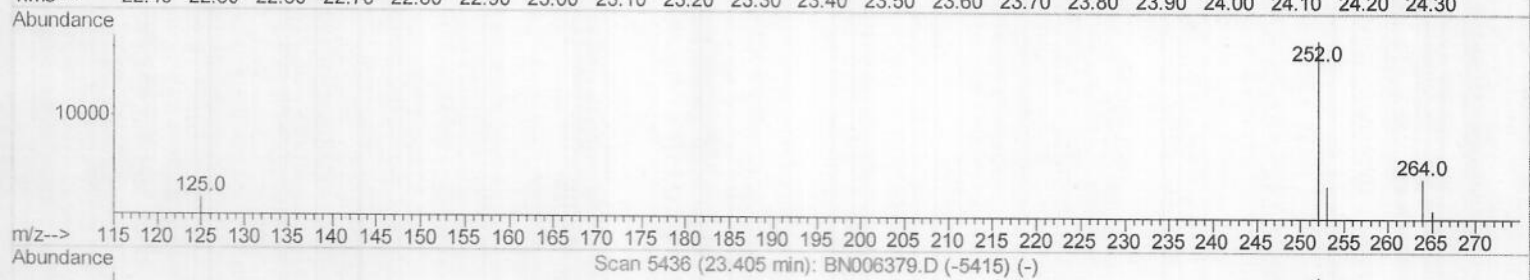
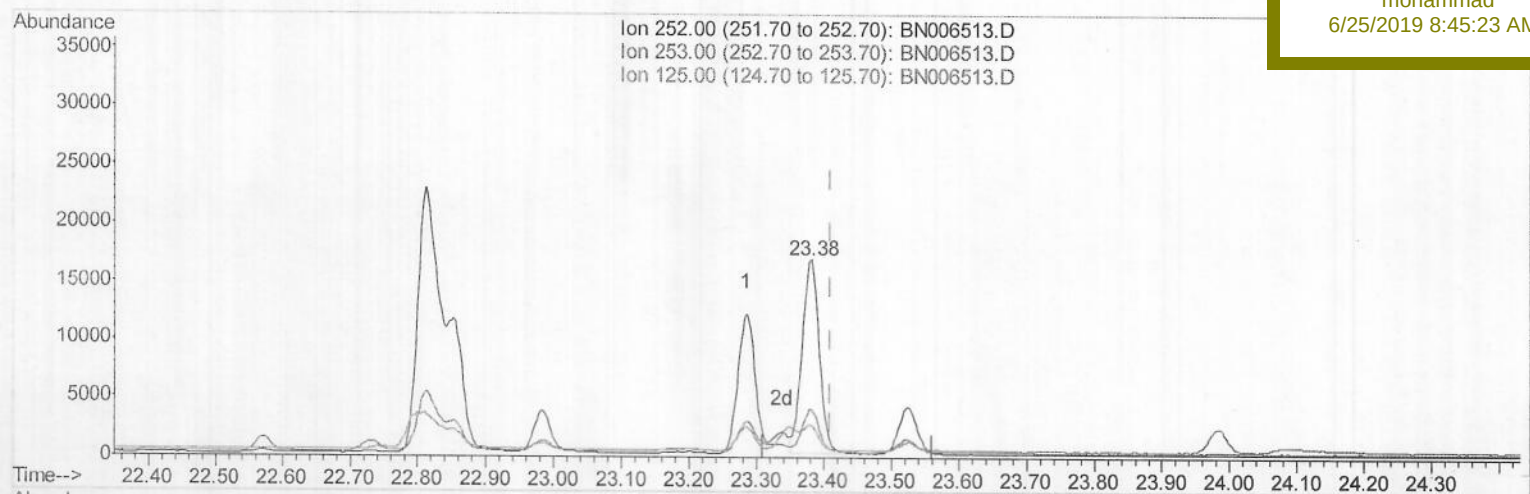
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
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(23) Benzo(a)pyrene (C)

23.381min (-0.029) 0.65ng/ul m

> JU 06/26/19

response 28944

Ion	Exp%	Act%
252.00	100	100
253.00	26.40	23.90
125.00	25.40	16.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

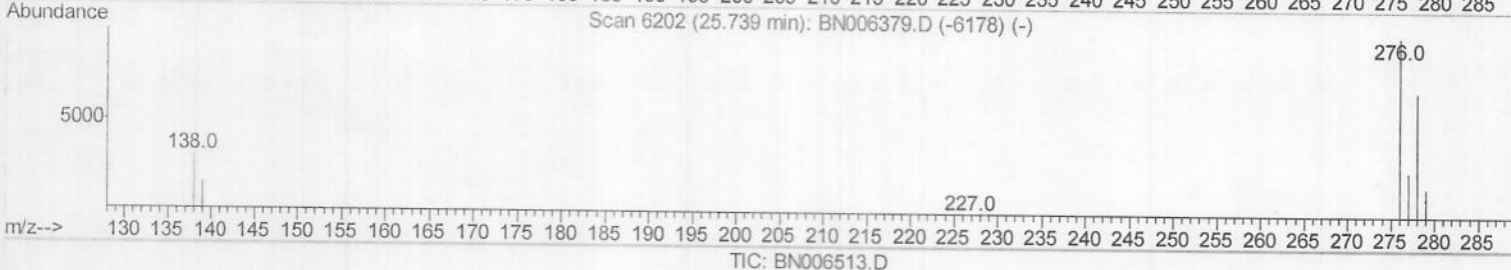
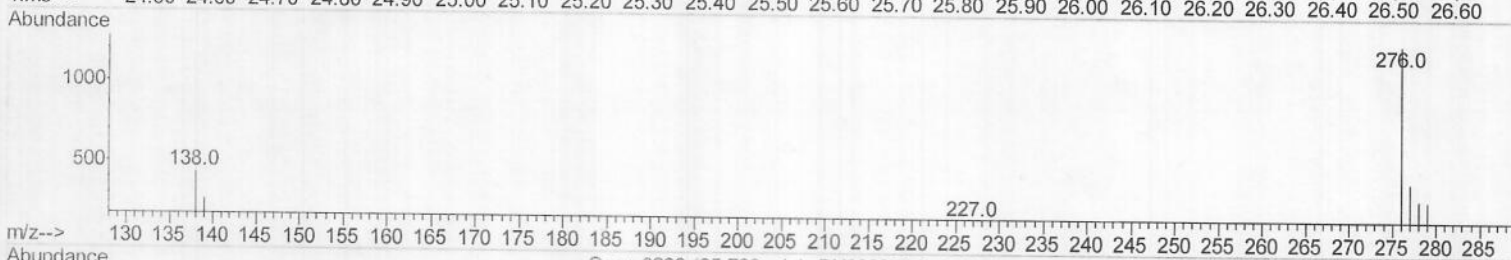
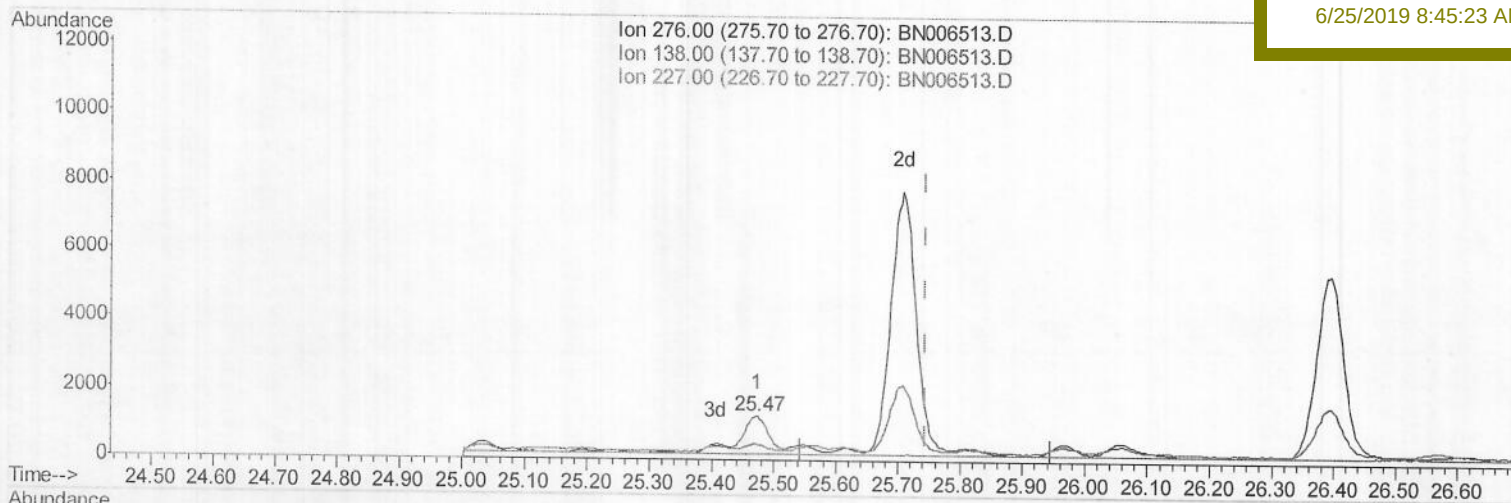
BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVED

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6/25/2019 8:45:23 AM



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

25.474min (-0.272) 0.06ng/ul

response 2741

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	15.25#
227.00	0.40	0.29#
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

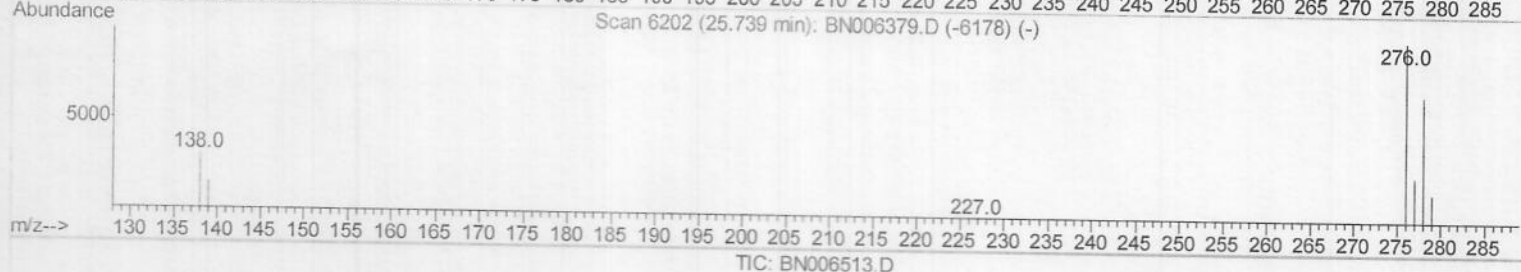
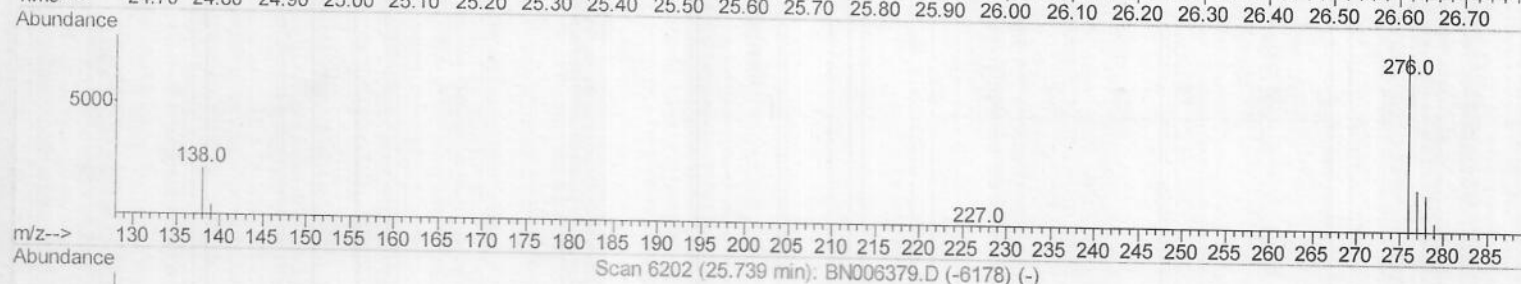
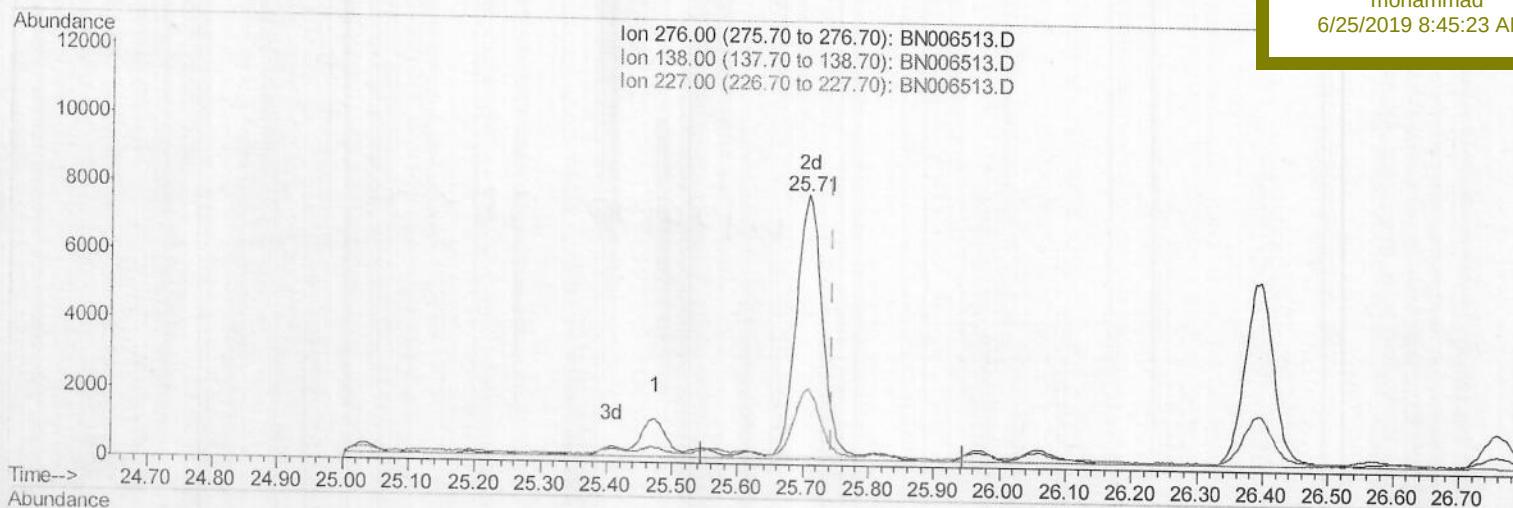
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

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

25.708min (-0.037) 0.43ng/ul m

response 20778

Ion	Exp%	Act%
276.00	100	100
138.00	32.00	2.01#
227.00	0.40	0.04#
0.00	0.00	0.00

JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

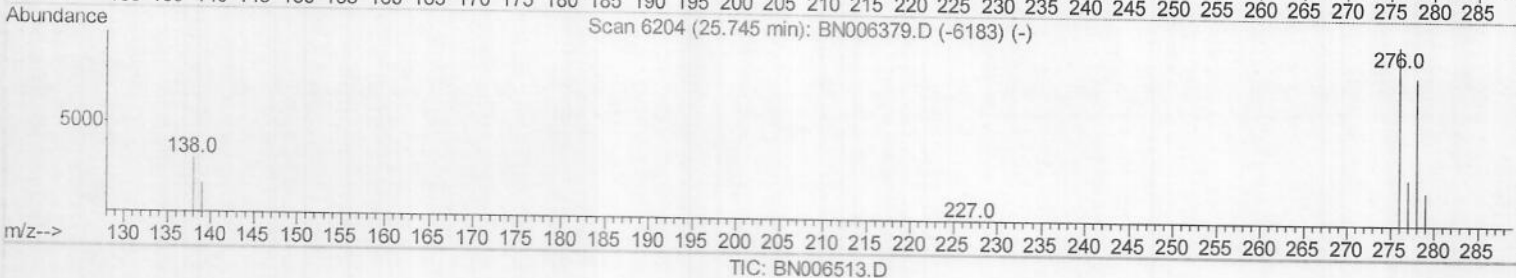
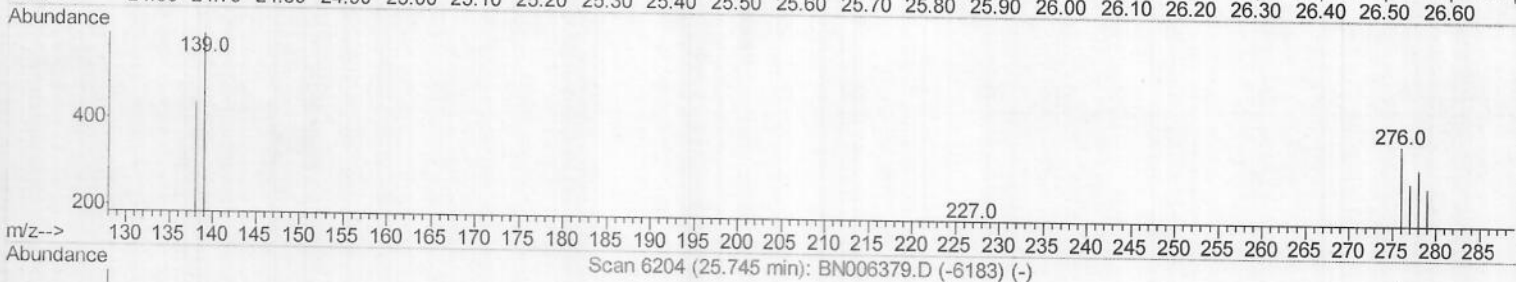
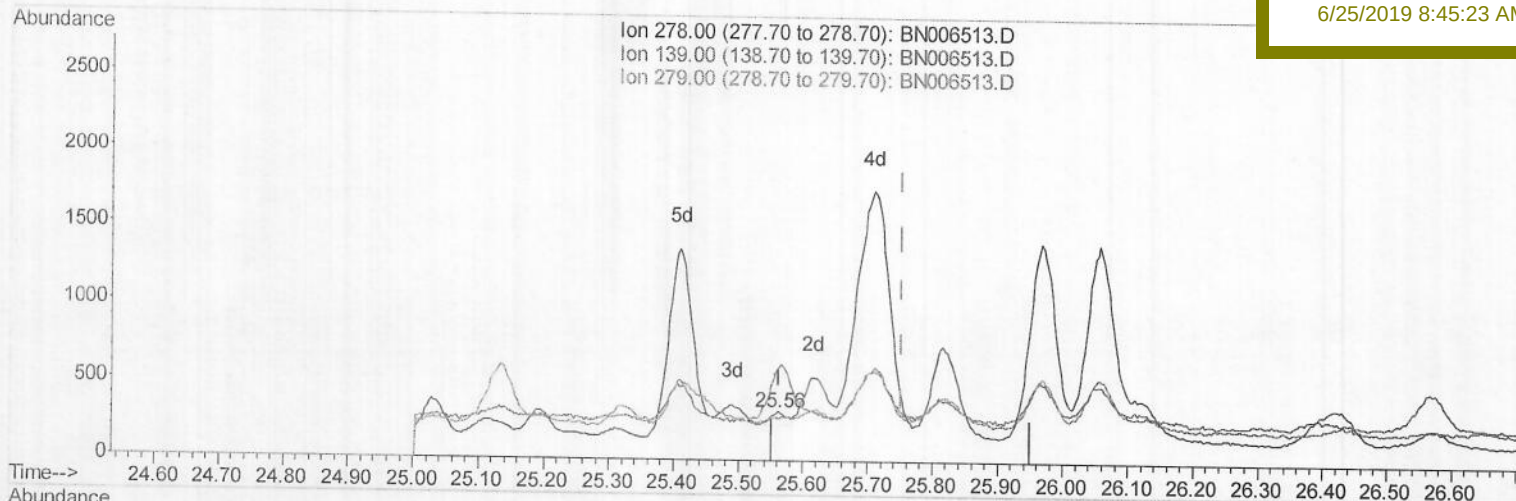
A41Z3

Manual Integrations

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6/25/2019 8:45:23 AM



(25) Dibenzo(a,h)anthracene

25.561min (-0.191) 0.00ng/ul

response 155

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	188.54#
279.00	28.20	85.99#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

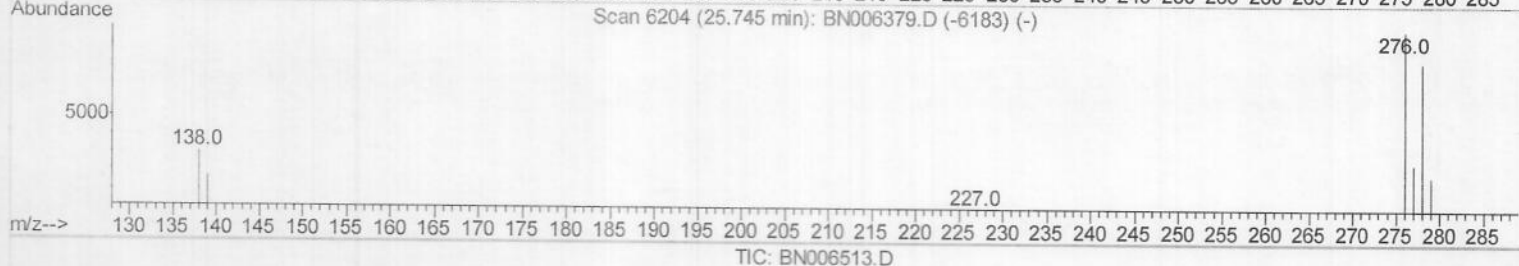
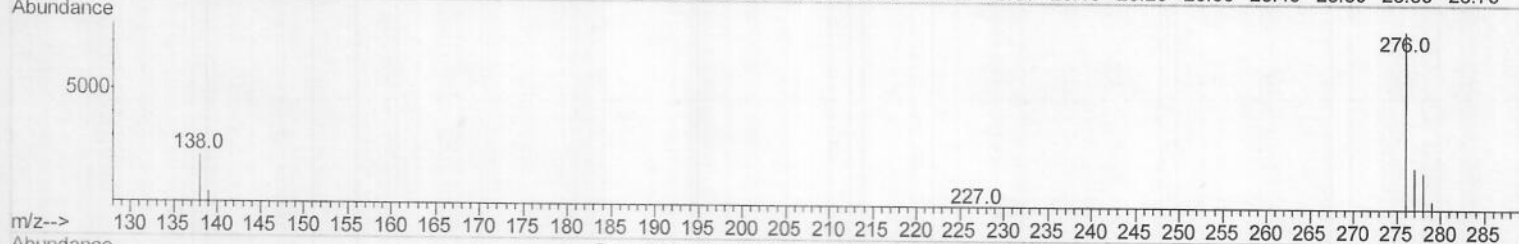
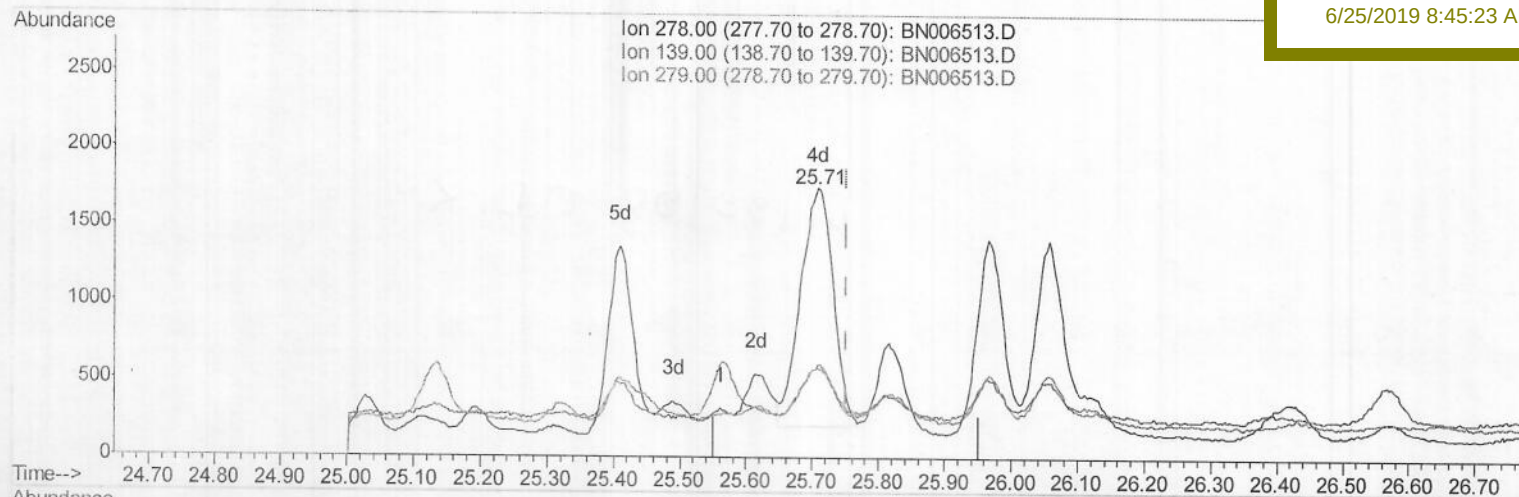
A41Z3

Manual Integrations

APPROVED

mohammad

6/25/2019 8:45:23 AM



(25) Dibenzo(a,h)anthracene

25.708min (-0.043) 0.14ng/ul m

response 5313

Ion	Exp%	Act%
278.00	100	100
139.00	26.50	34.56#
279.00	28.20	33.12
0.00	0.00	0.00

8 JU 06/26/19

Quantitation Report (Qedit)

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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 :

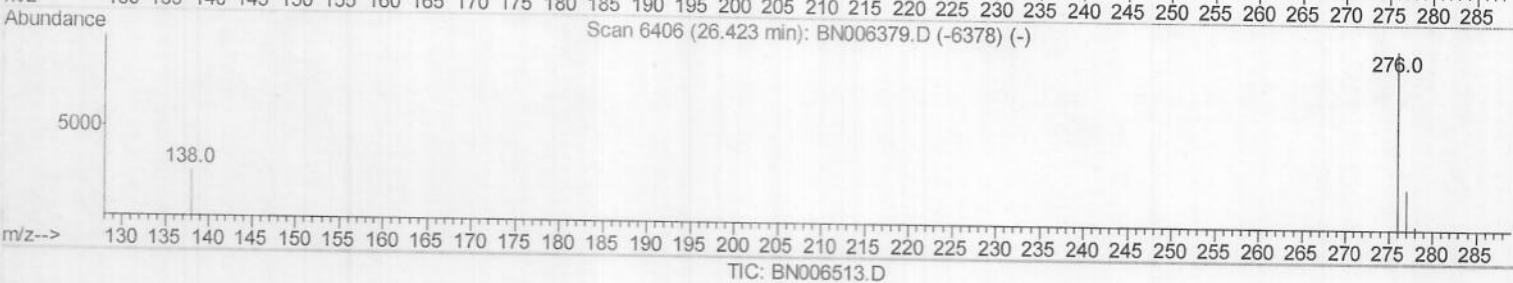
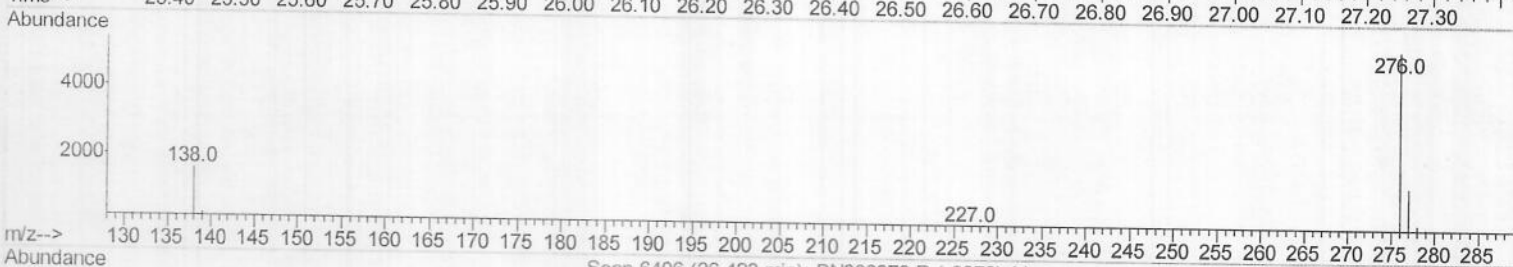
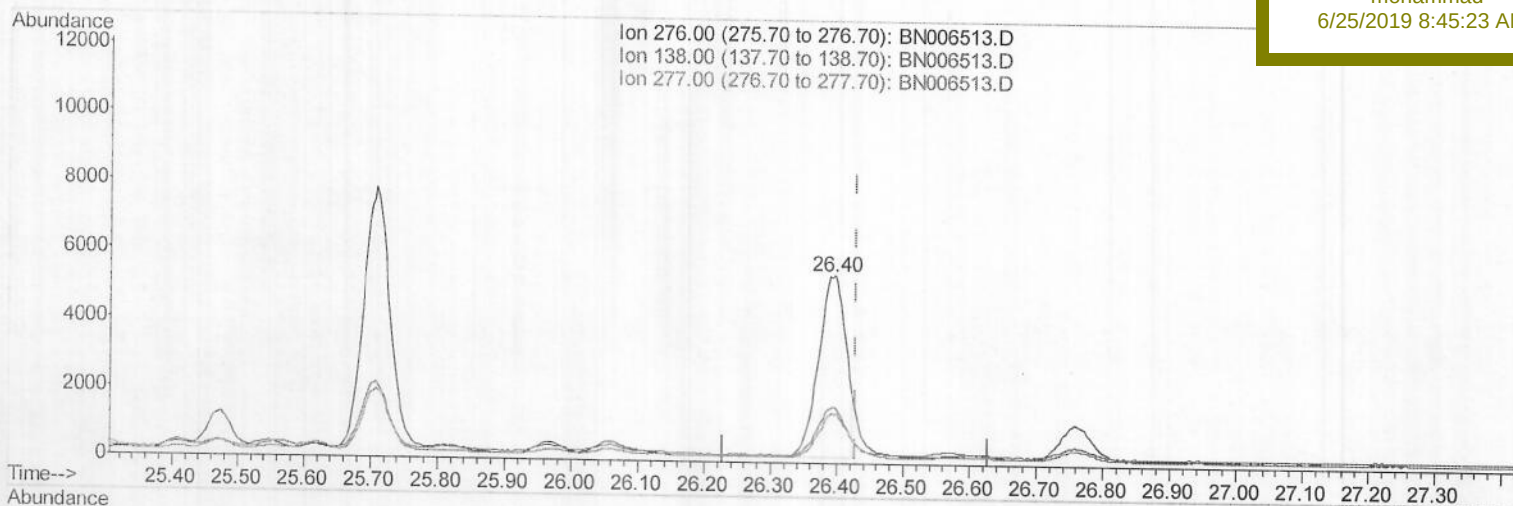
A41Z3

Manual Integrations

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mohammad

6/25/2019 8:45:23 AM



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

26.396min (-0.033) 0.37ng/ul

response 14896

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	29.72
277.00	26.90	25.90
0.00	0.00	0.00

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:13:19 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

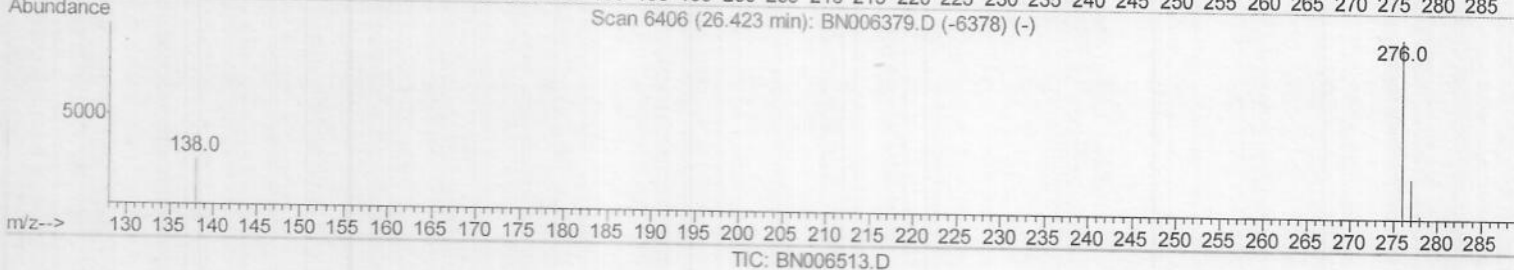
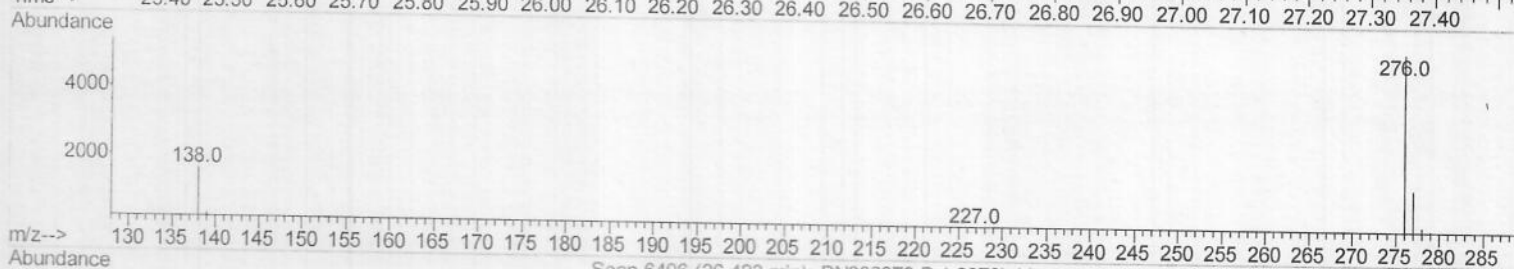
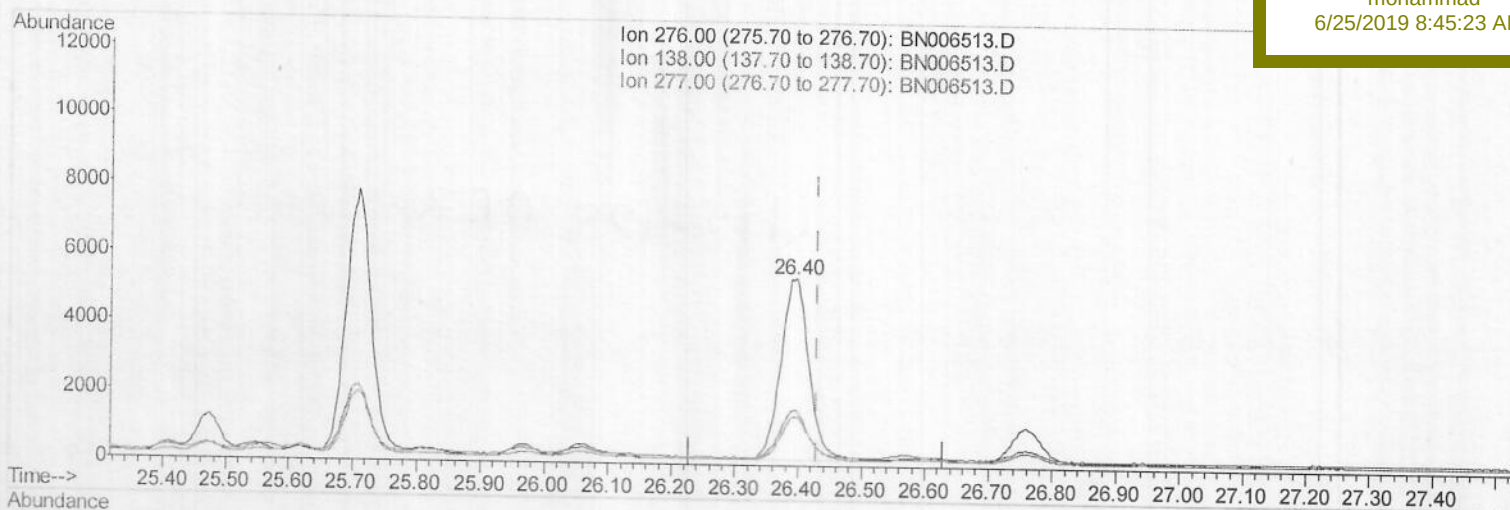
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

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

26.396min (-0.033) 0.41ng/ul m

response 16494

Ion	Exp%	Act%
276.00	100	100
138.00	30.30	29.72
277.00	26.90	25.90
0.00	0.00	0.00

7 JU 06/26/19

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

Data File : BN006513.D

Acq On : 23 Jun 2019 06:44

Operator : HP/JU

Sample : K3360-13

Misc :

ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 24 09:15:09 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 :

A41Z3

Manual Integrations
APPROVEDmohammad
6/25/2019 8:45:23 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5049	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19022	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10041	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	19930m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	12815m	0.40	ng/ul	-0.02
20) Perylene-d12	23.47	264	11445m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	6831	0.23	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	14558m	0.27	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	1088	0.021	ng/ul#	77
7) Acenaphthylene	14.00	152	3080	0.055	ng/ul#	93
8) Acenaphthene	14.34	153	815	0.021	ng/ul	94
9) Fluorene	15.34	166	1213	0.027	ng/ul#	93
12) Phenanthrene	17.08	178	31597m	0.494	ng/ul	
13) Anthracene	17.17	178	6126m	0.100	ng/ul	
15) Fluoranthene	19.10	202	97565m	1.381	ng/ul	
17) Pyrene	19.47	202	76358	1.131	ng/ul	100
18) Benzo(a)anthracene	21.23	228	35106	0.619	ng/ul	99
19) Chrysene	21.29	228	39744	0.747	ng/ul	98
21) Benzo(b)fluoranthene	22.81	252	47541m	0.996	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	18205m	0.392	ng/ul	
23) Benzo(a)pyrene	23.38	252	28944m	0.651	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.71	276	20778m	0.432	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	5313m	0.138	ng/ul	
26) Benzo(a,h,i)perylene	26.40	276	16494m	0.409	ng/ul	

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

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