

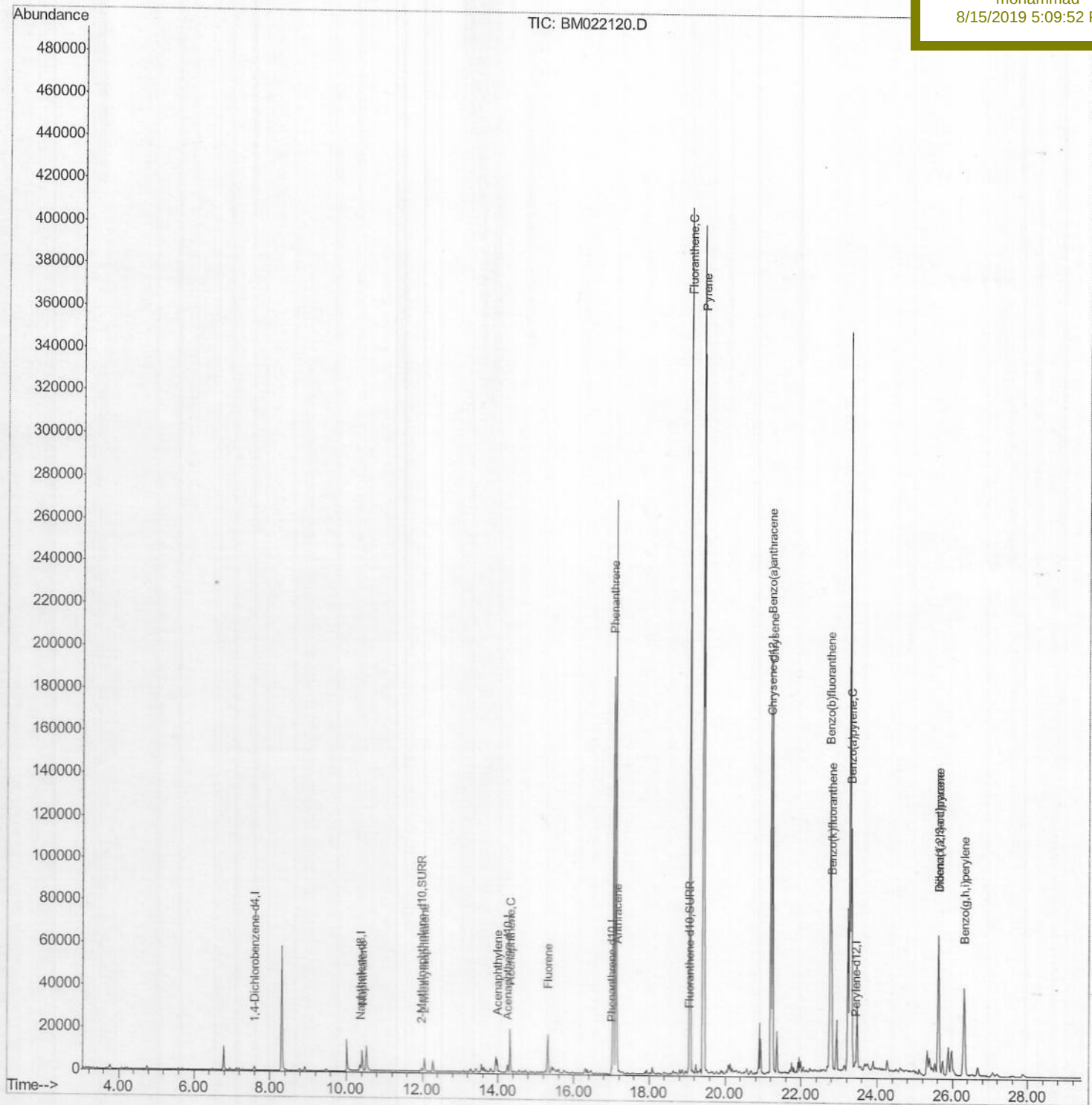
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022120.D
Acq On : 14 Aug 2019 22:29
Operator : HP/JU
Sample : K4304-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:23:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 13:53:23 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
CB5N7

Manual Integrations
APPROVED

mohammad
8/15/2019 5:09:52 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:17:29 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

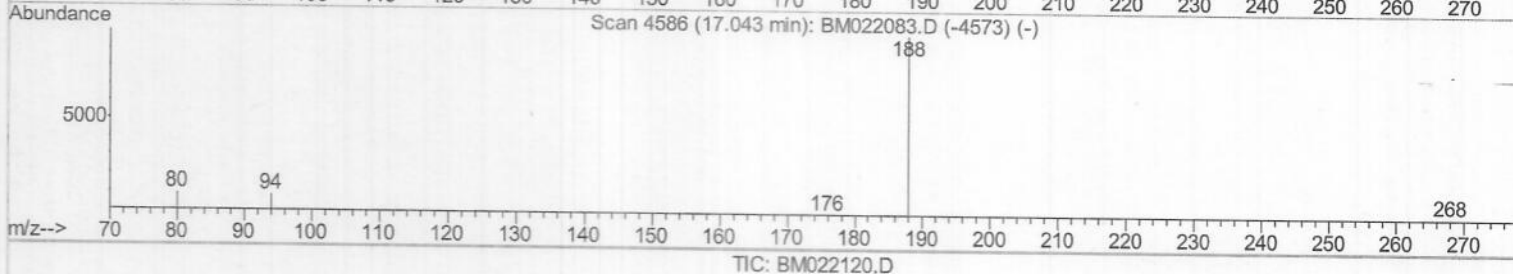
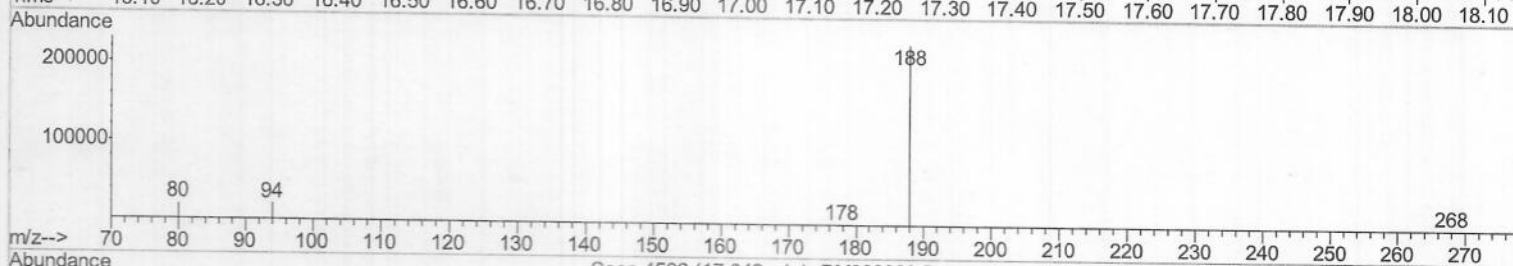
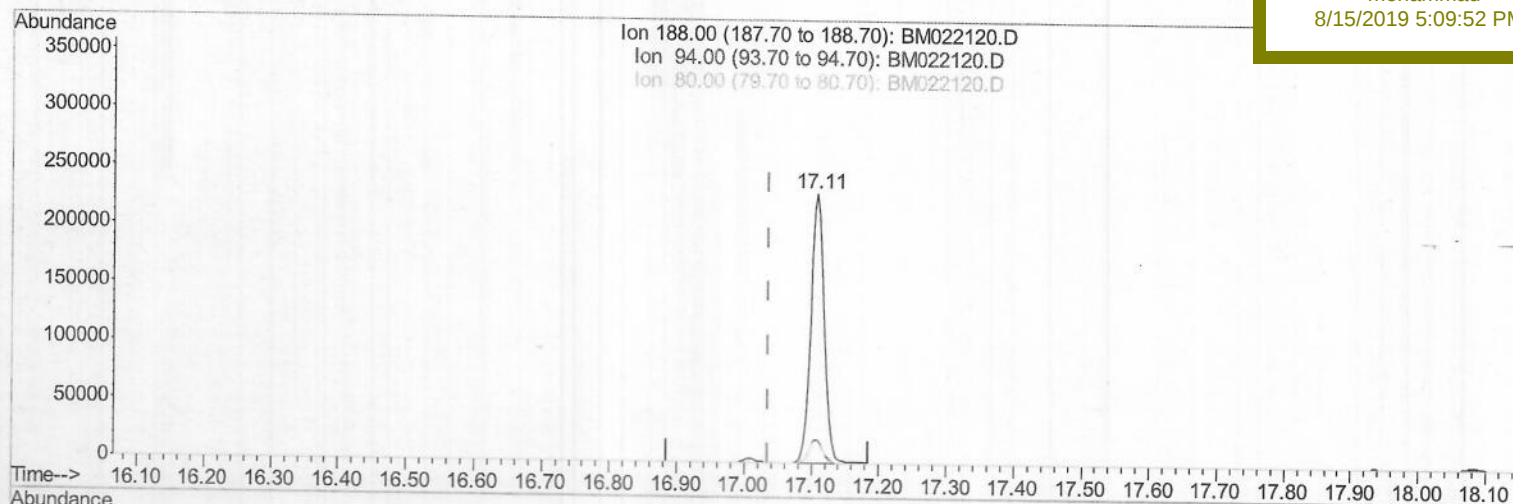
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:09:52 PM

(10) Phenanthrene-d10 (I)

17.109min (+0.073) 0.40ng/ul

response 315639

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	8.79
80.00	11.40	8.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

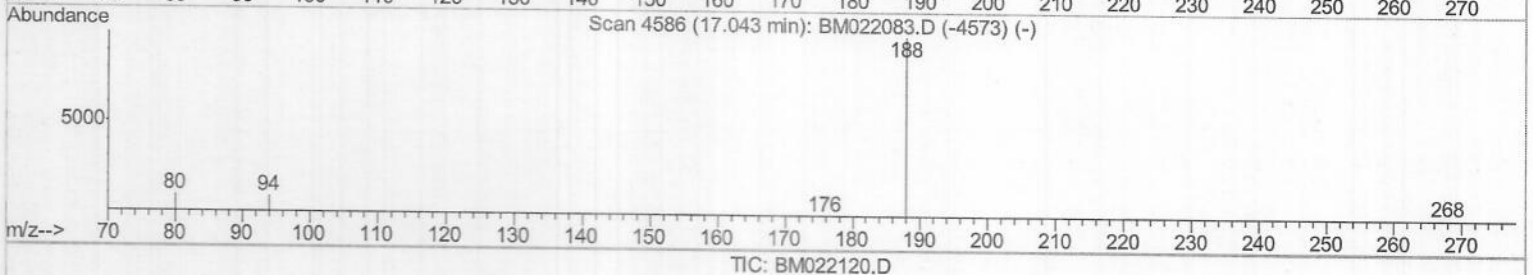
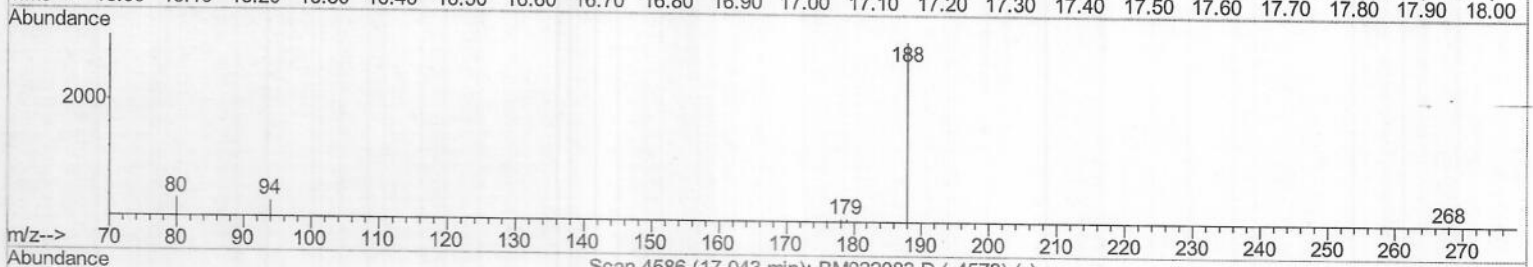
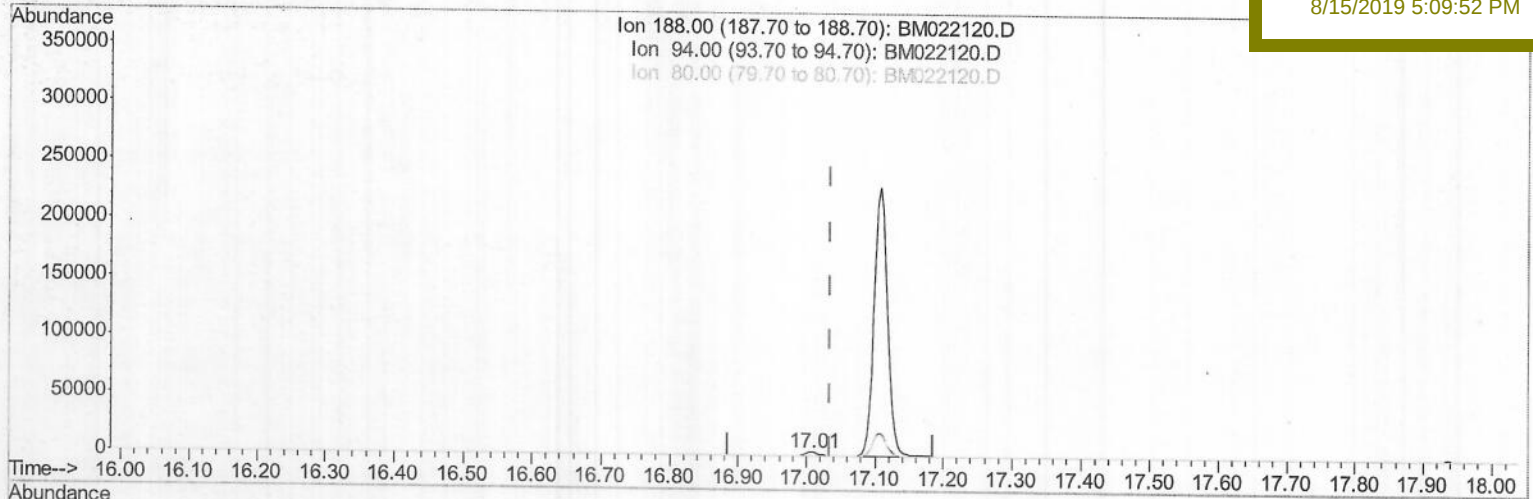
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022120.D
 Acq On : 14 Aug 2019 22:29
 Operator : HP/JU
 Sample : K4304-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N7

Manual Integrations
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 8/15/2019 5:09:52 PM

Quant Time: Aug 15 11:17:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.008min (-0.028) 0.40ng/ul m) JU
 08/16/19
 response 4196

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.47
80.00	11.40	11.51
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:17:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

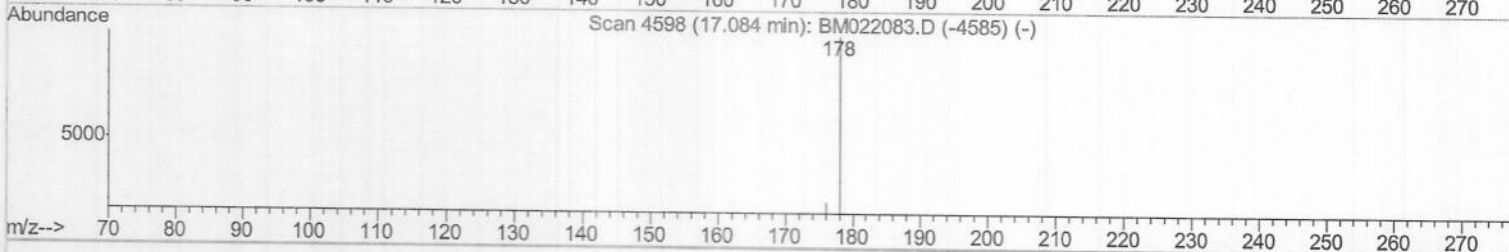
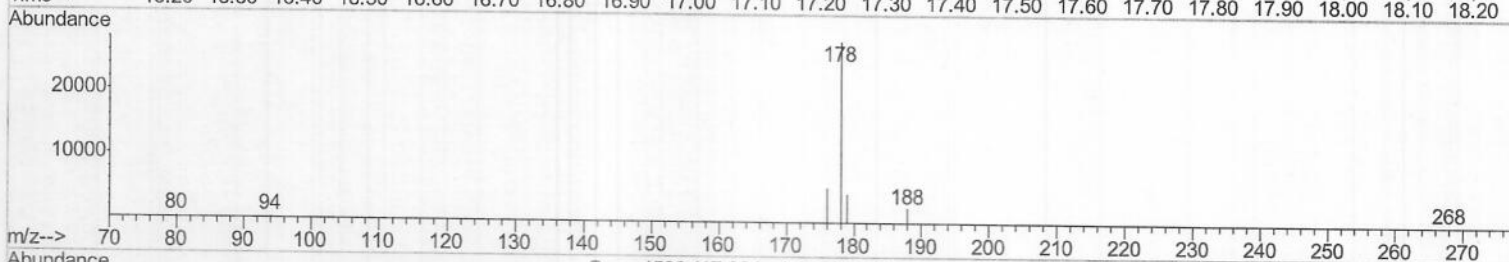
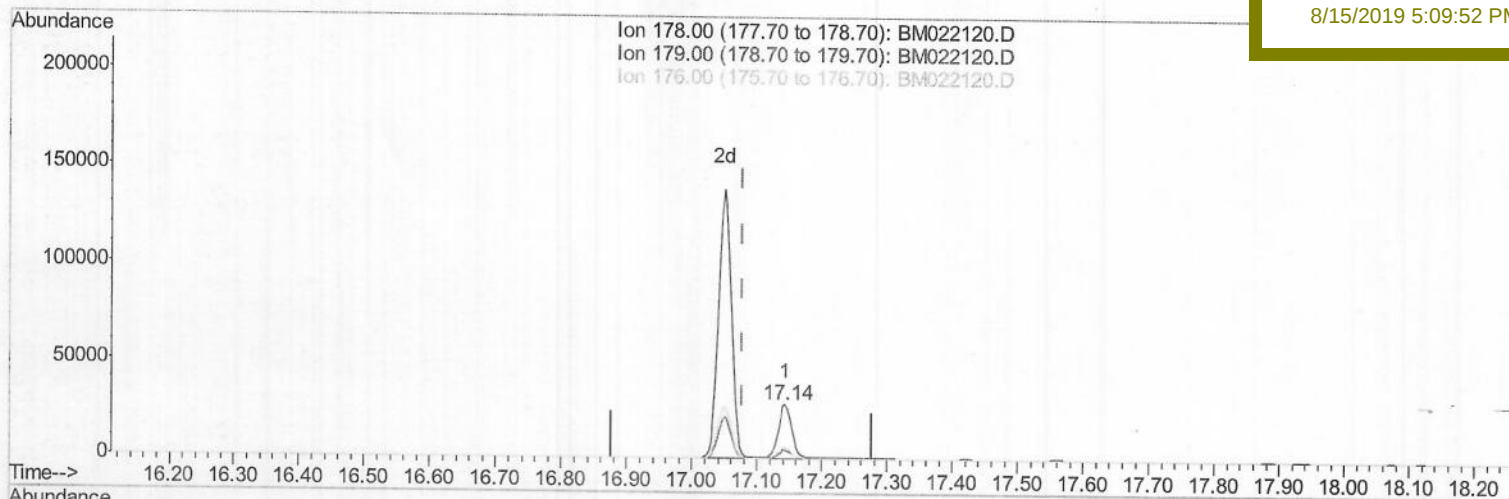
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:09:52 PM

TIC: BM022120.D

(12) Phenanthrene

17.143min (+0.066) 3.36ng/ul

response 40979

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.73
176.00	21.00	19.23
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:17:56 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

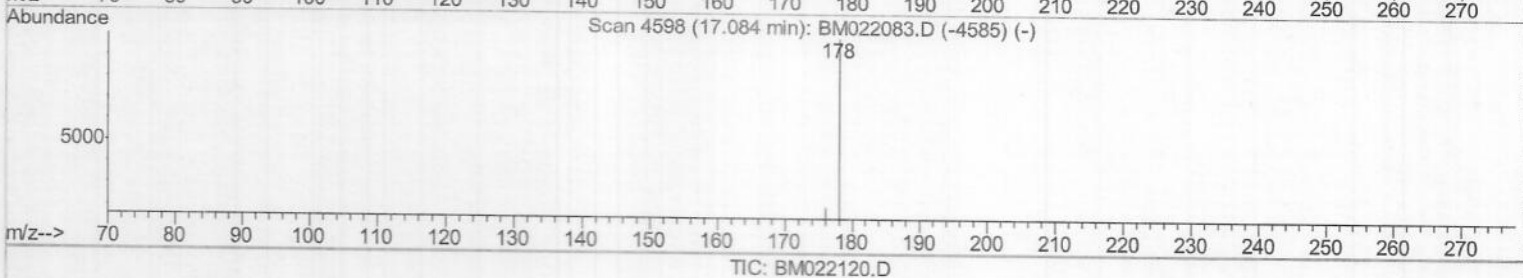
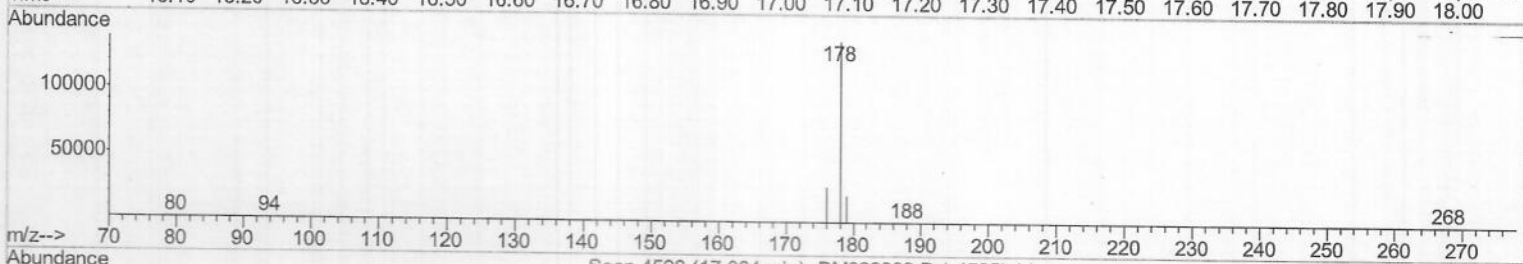
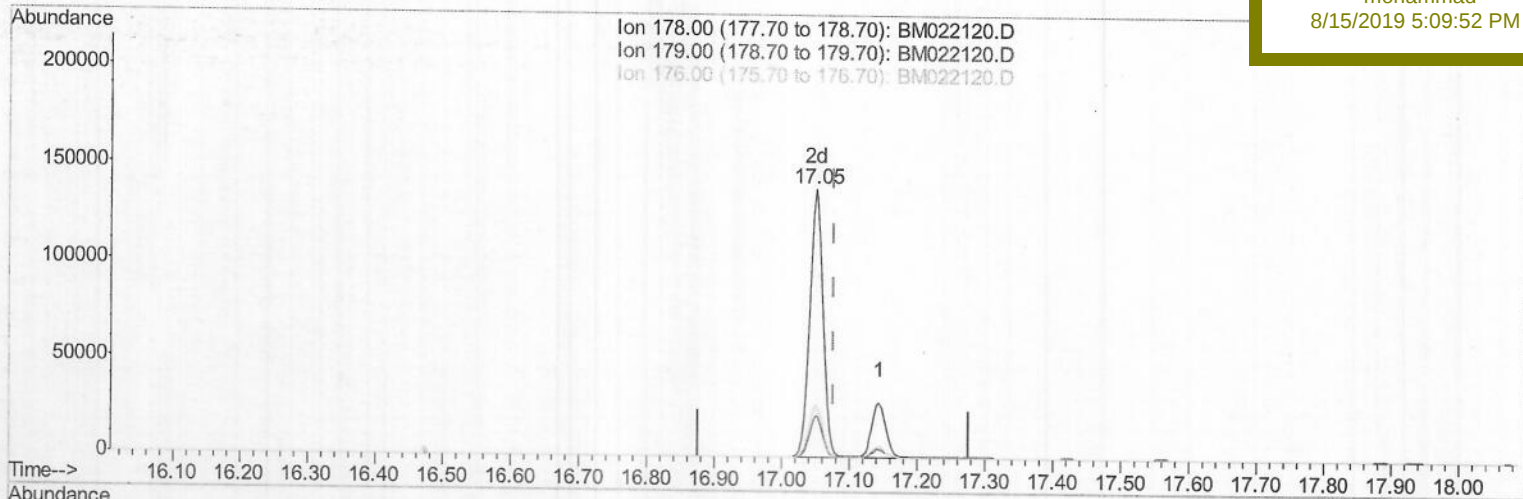
CB5N7

Manual Integrations

APPROVED

mohammad

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(12) Phenanthrene

17.050min (-0.028) 15.87ng/ul m)JU

response 193722

08116119

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.30
176.00	21.00	19.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

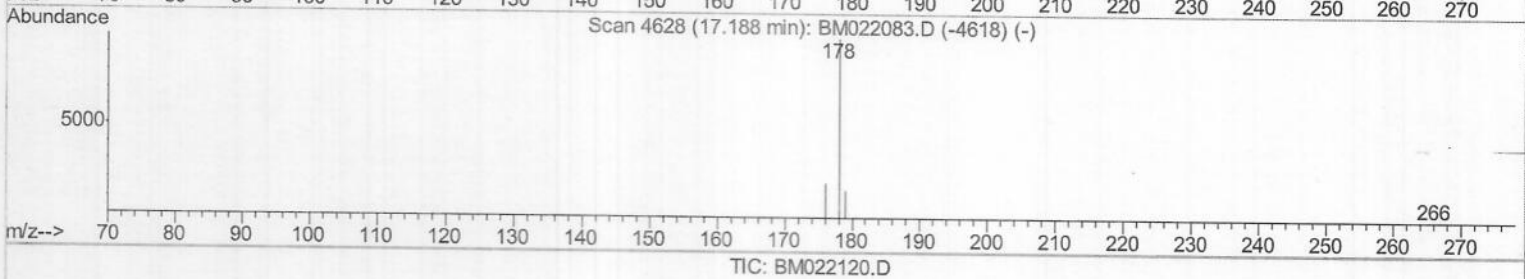
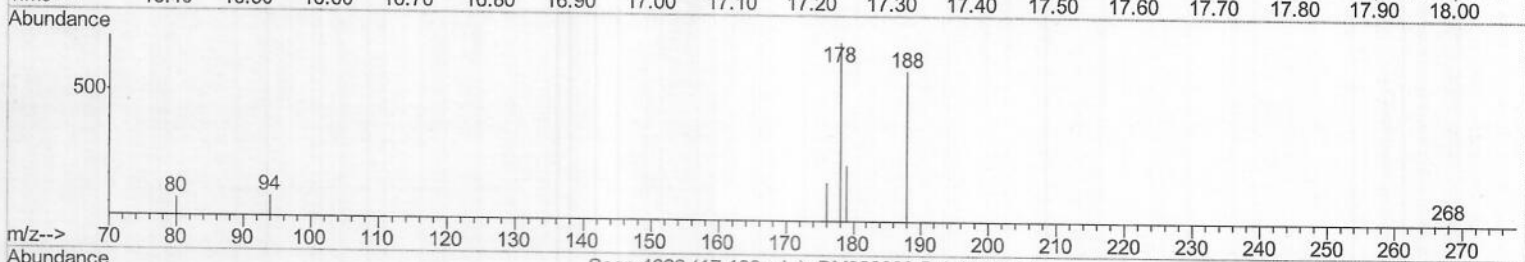
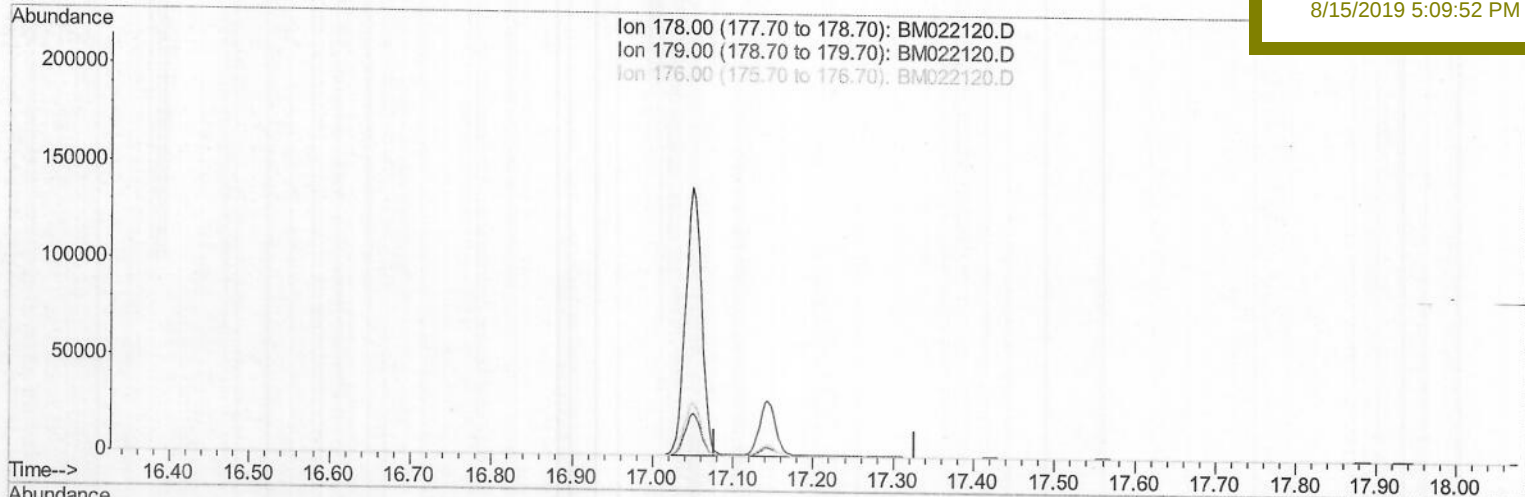
CB5N7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:09:52 PM



TIC: BM022120.D

(13) Anthracene

17.178min (-17.178) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	19.40	0.00#
176.00	20.80	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

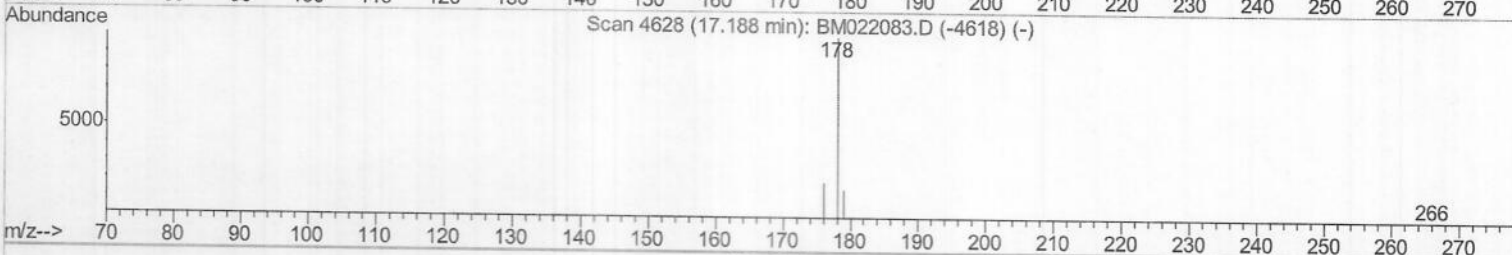
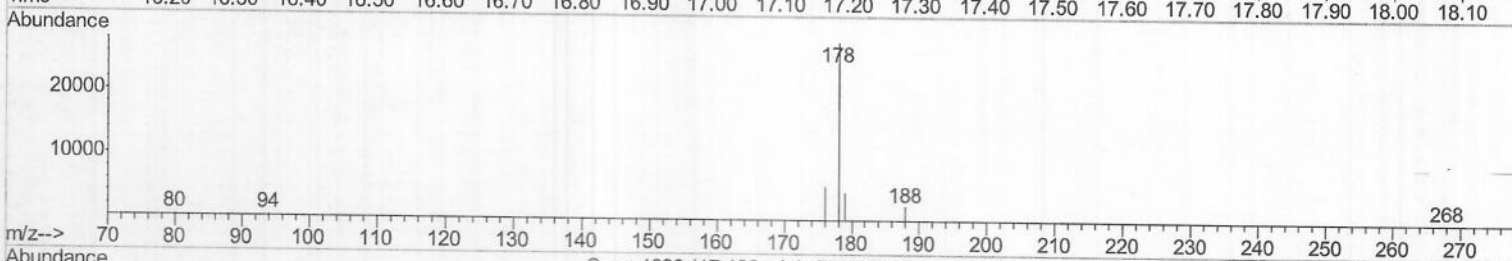
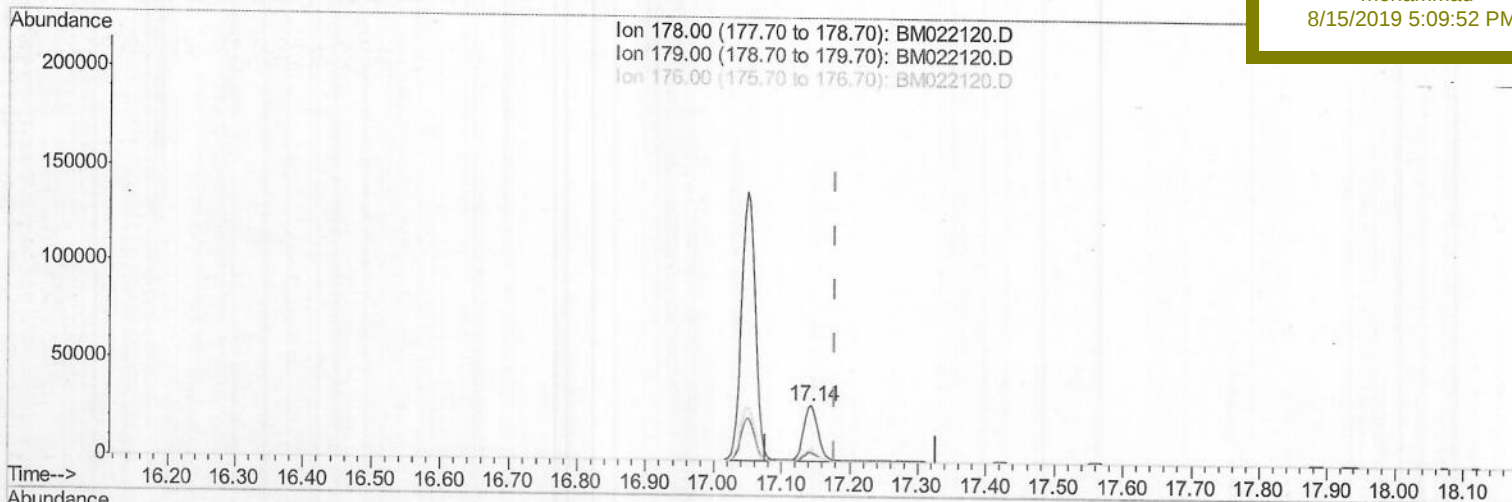
CB5N7

Manual Integrations

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TIC: BM022120.D

(13) Anthracene

17.143min (-0.035) 3.90ng/ul m)

response 40608

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.73
176.00	20.80	19.23
0.00	0.00	0.00

JU
08/16/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

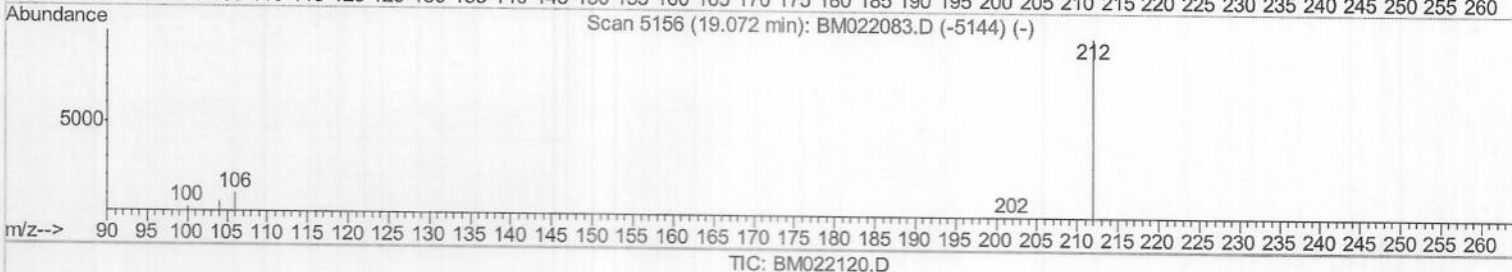
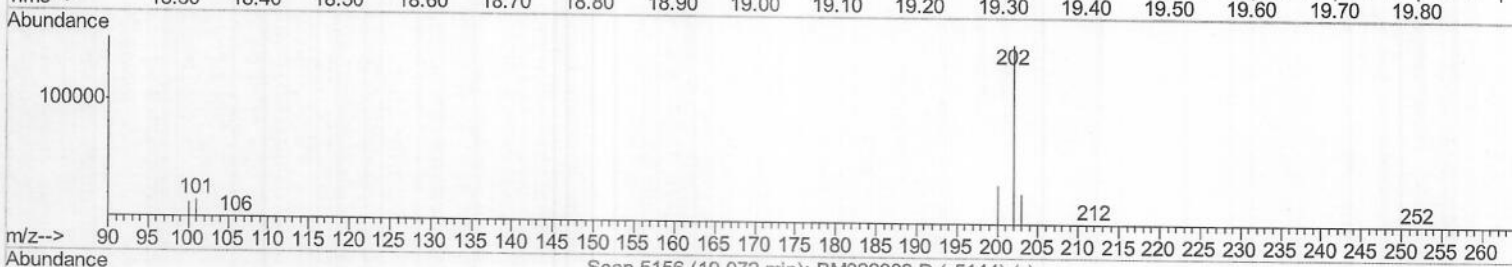
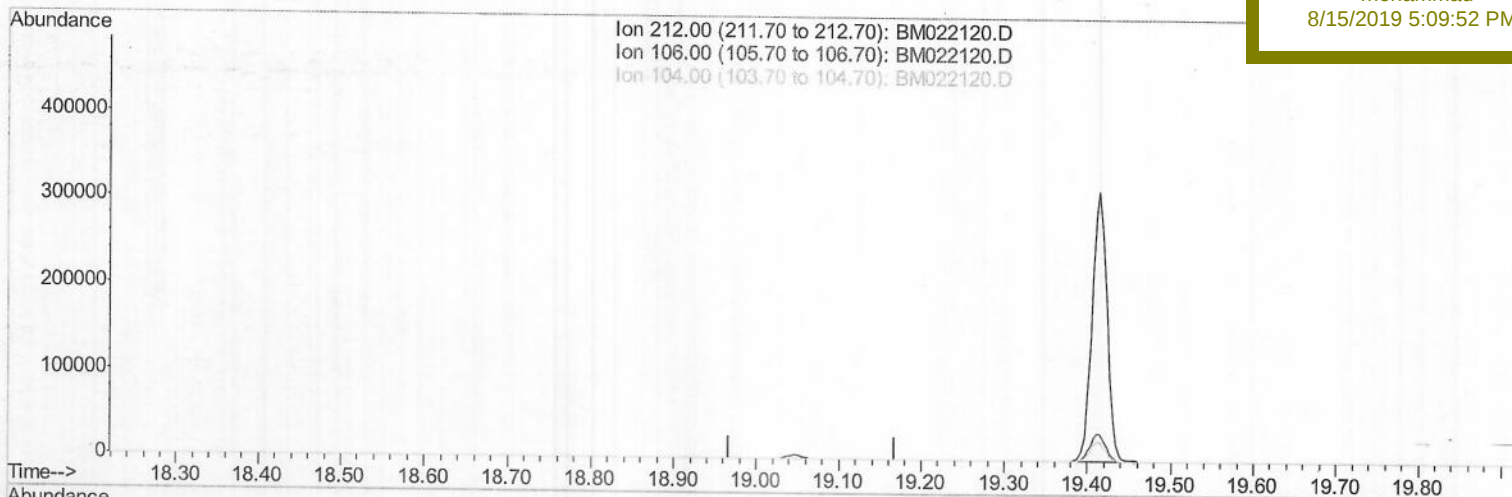
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
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(14) Fluoranthene-d10 (SURR)

19.068min (-19.068) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

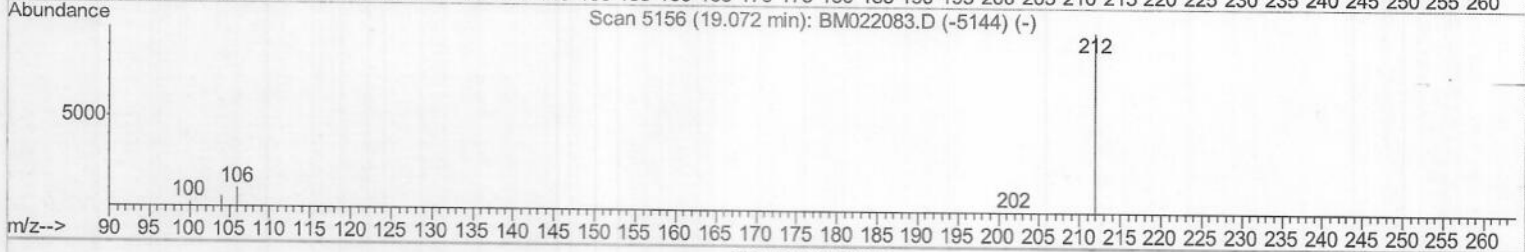
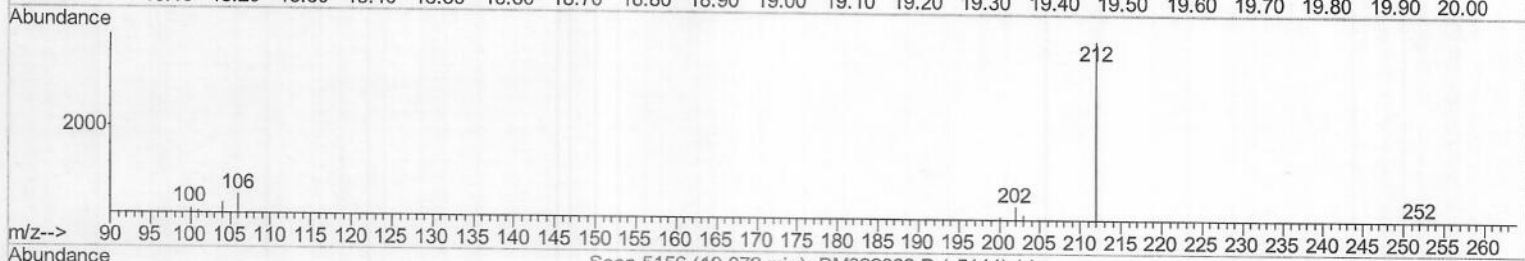
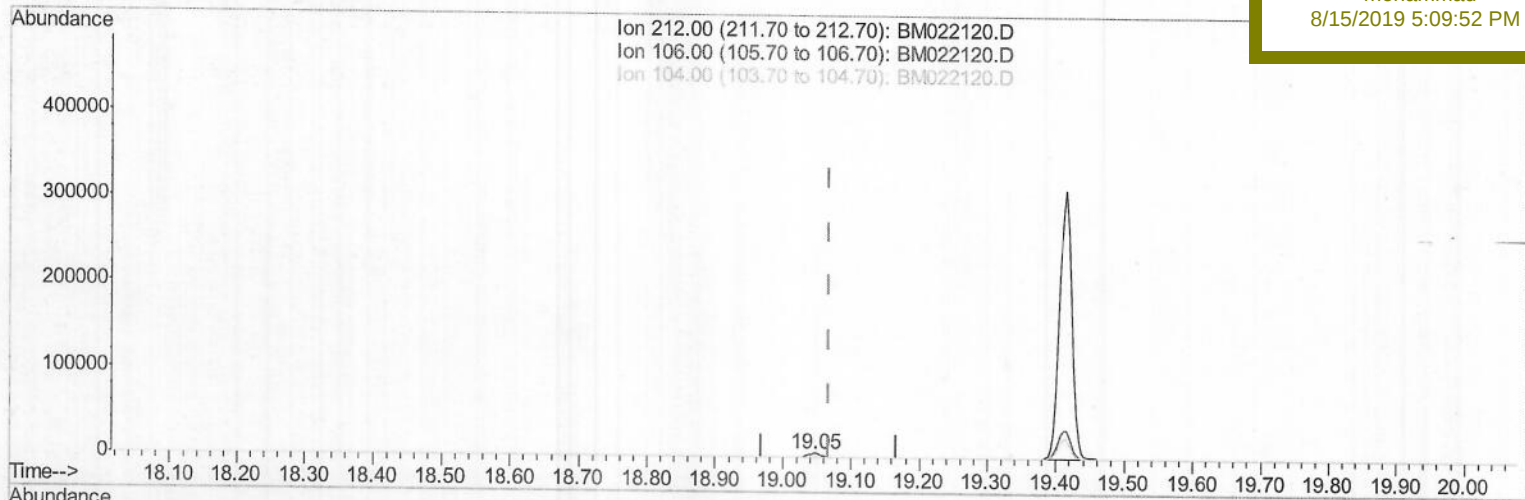
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
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(14) Fluoranthene-d10 (SURR)

19.045min (-0.023) 0.38ng/ul m

response 5332

Ion Exp% Act%

212.00 100 100

106.00 9.90 0.00#

104.00 6.00 0.00#

0.00 0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

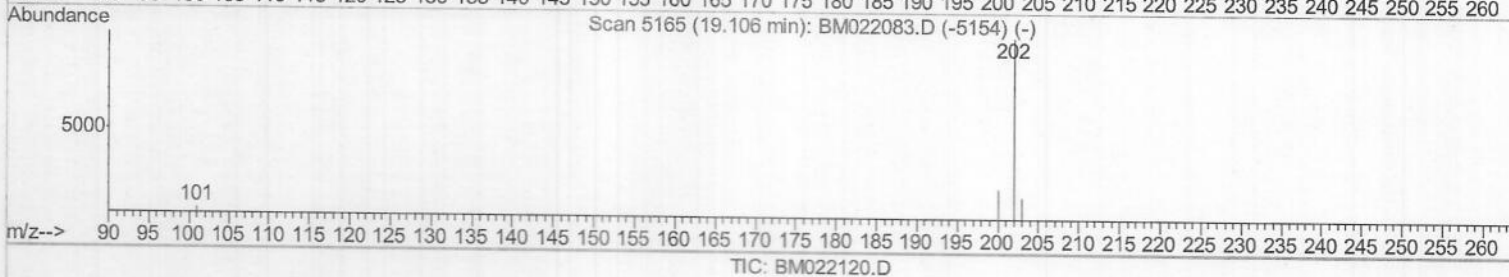
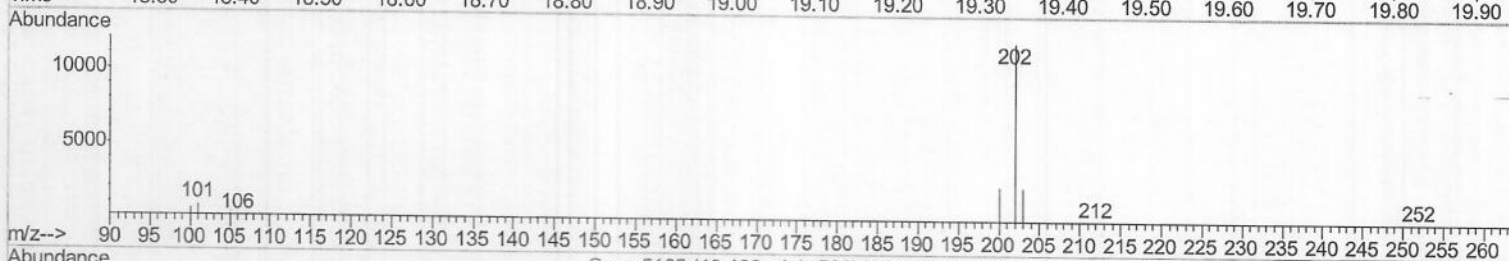
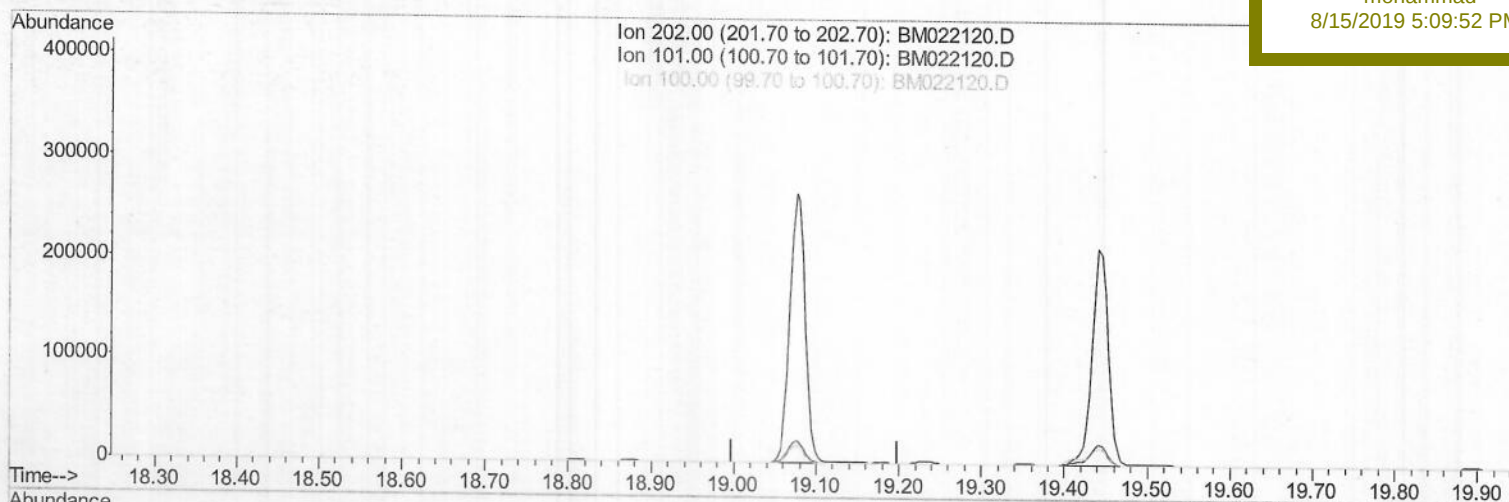
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:09:52 PM

(15) Fluoranthene (C)

19.098min (-19.098) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.20	0.00
100.00	8.10	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

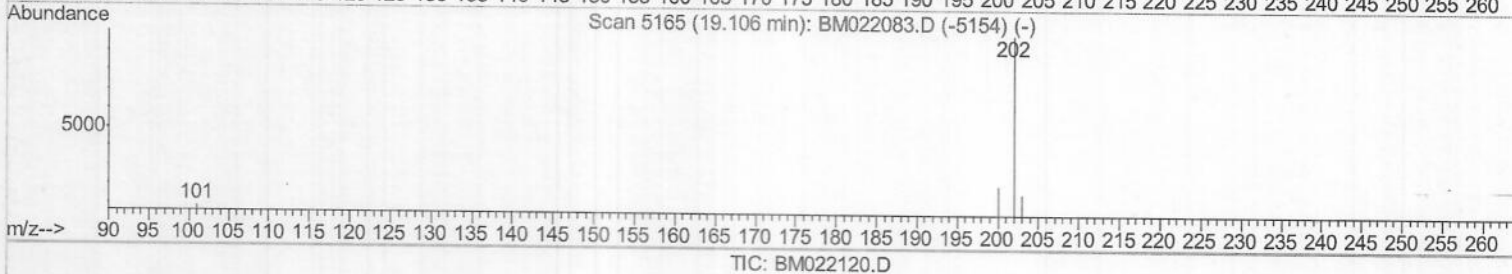
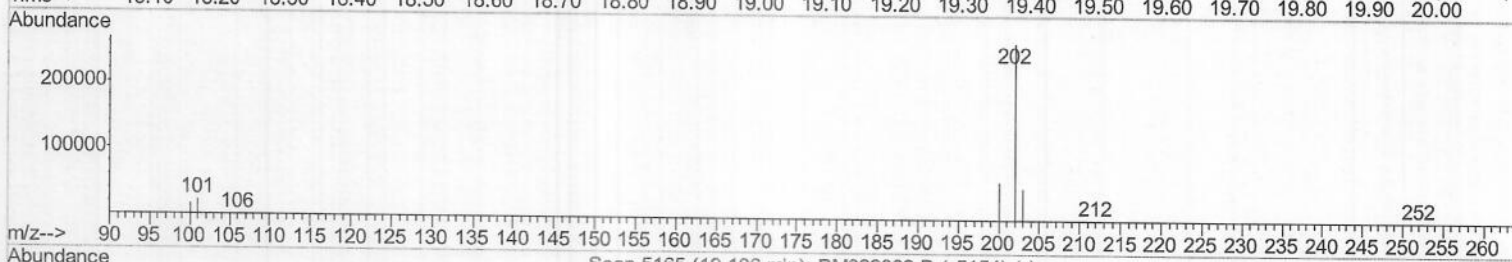
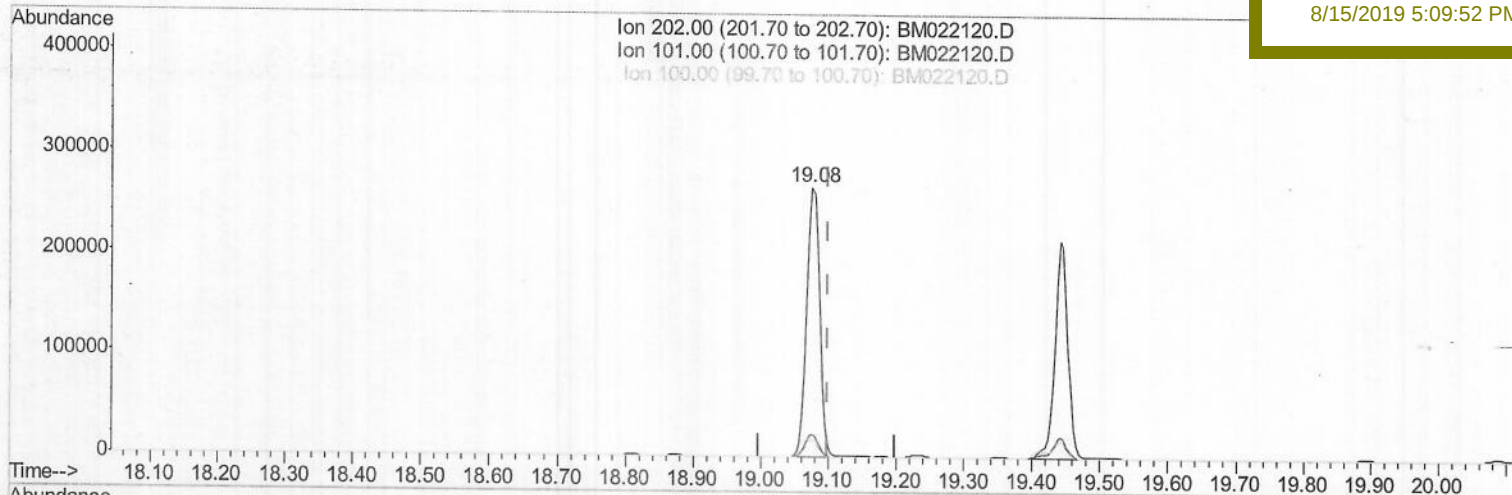
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
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(15) Fluoranthene (C)

19.076min (-0.023) 21.05ng/ul m) JU

response 344278

08/16/19

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	8.28
100.00	8.10	6.47
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

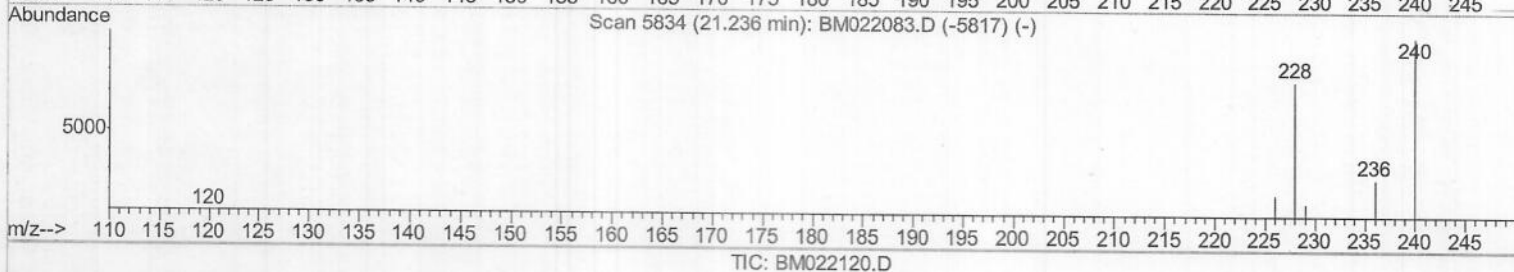
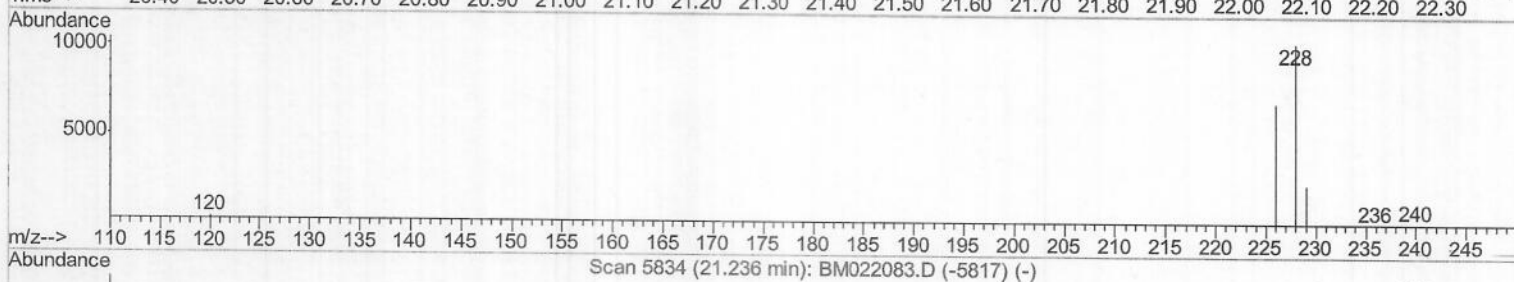
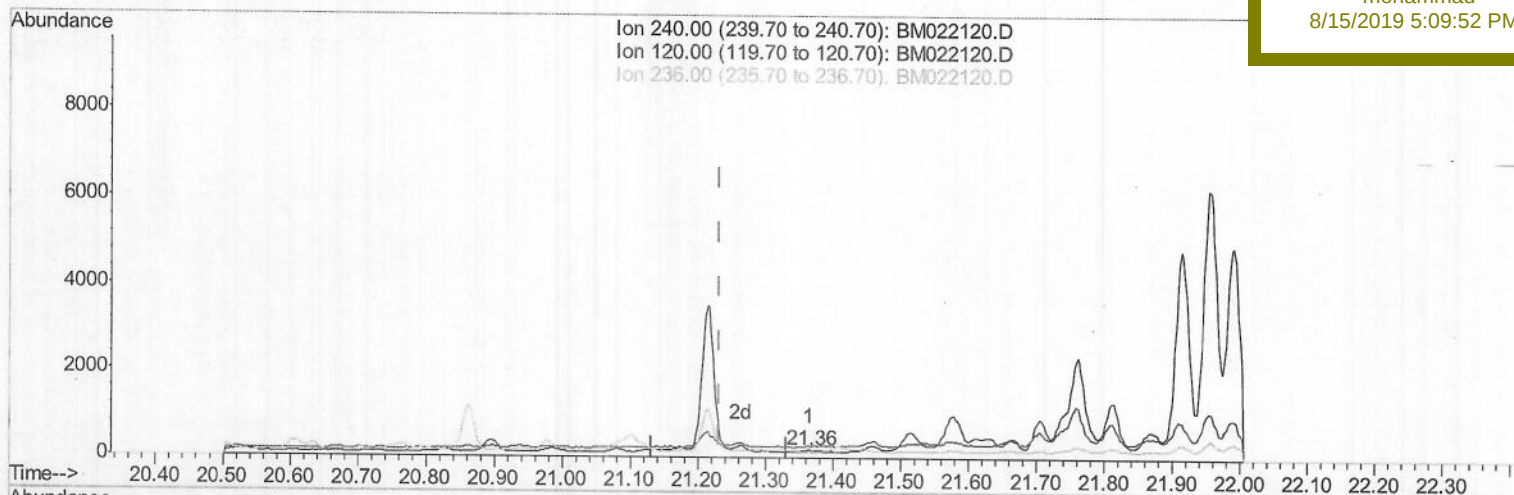
CB5N7

Manual Integrations

APPROVED

mohammad

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(16) Chrysene-d12 (I)

21.364min (+0.133) 0.40ng/ul

response 138

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	144.92#
236.00	32.30	81.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:19:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client SampleId :

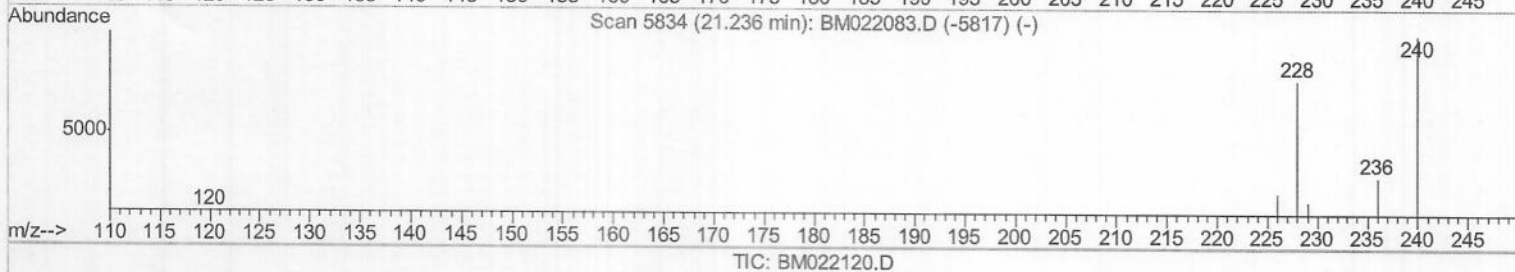
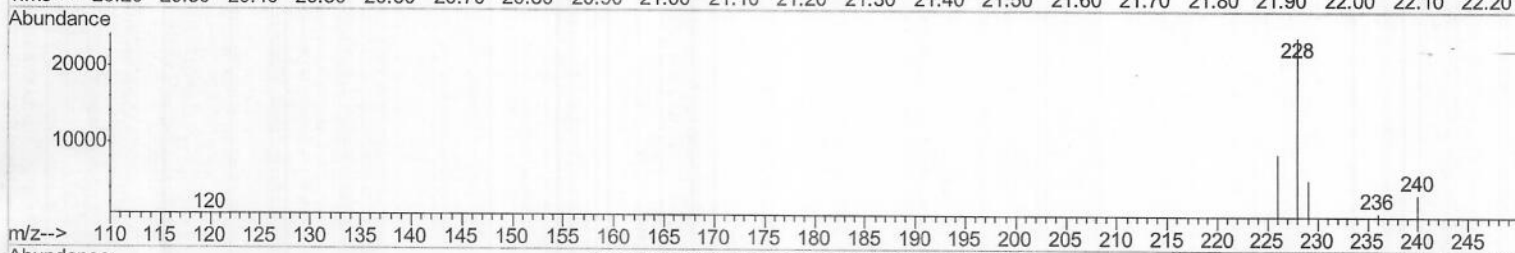
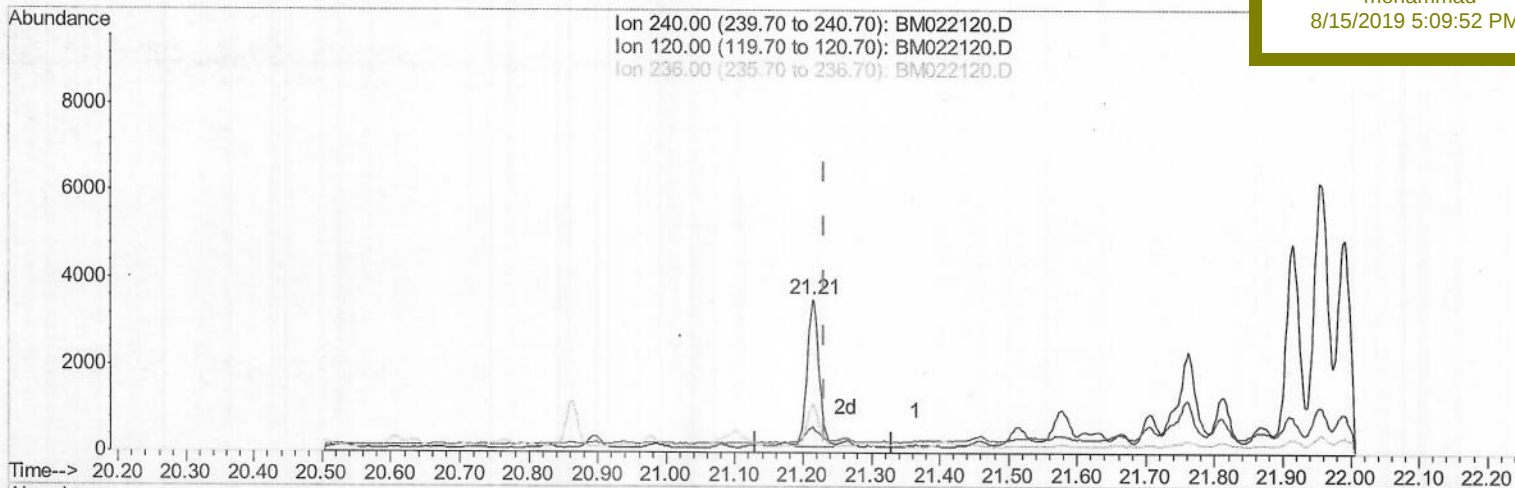
CB5N7

Manual Integrations

APPROVED

mohammad

8/15/2019 5:09:52 PM



(16) Chrysene-d12 (I)

21.214min (-0.017) 0.40ng/ul m

response 4126

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	16.88
236.00	32.30	31.72
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:21:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

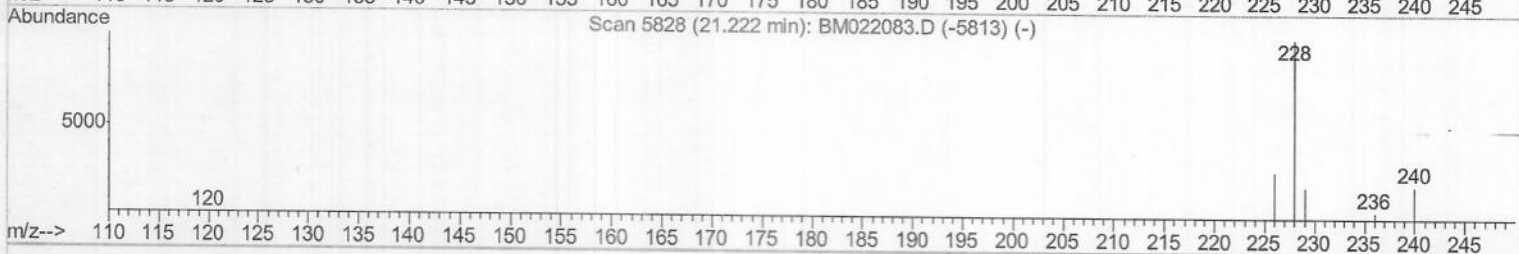
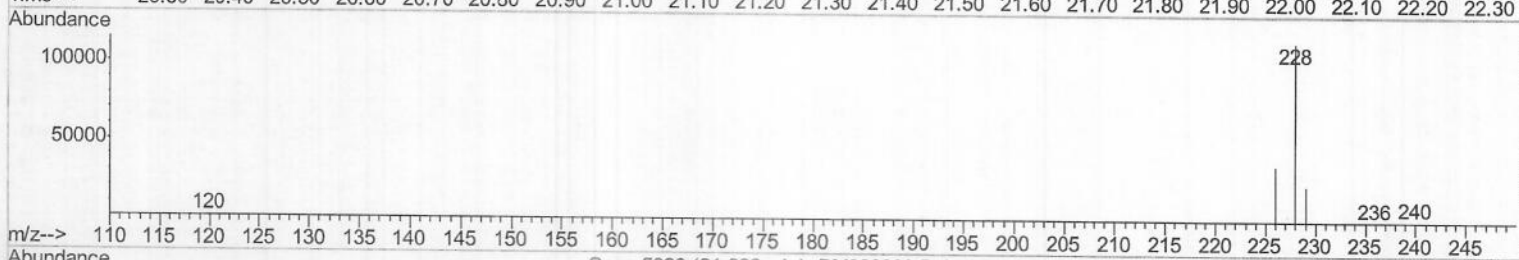
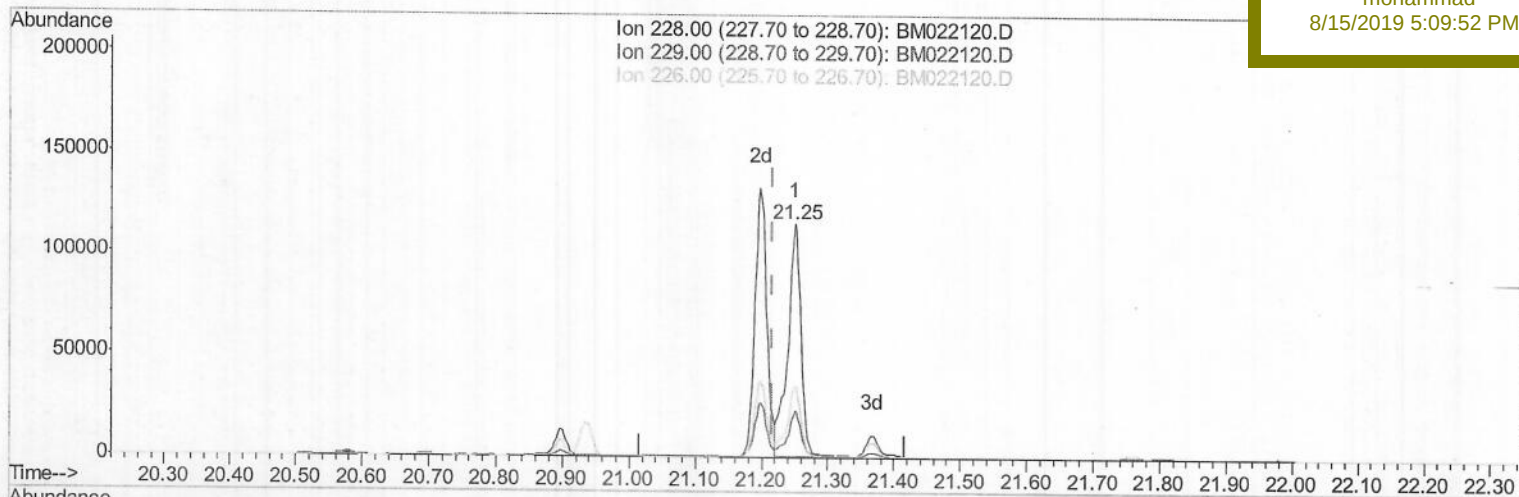
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
APPROVEDmohammad
8/15/2019 5:09:52 PM

TIC: BM022120.D

(18) Benzo(a)anthracene

21.251min (+0.034) 11.02ng/ul

response 162643

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.74
226.00	28.30	31.02
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:21:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

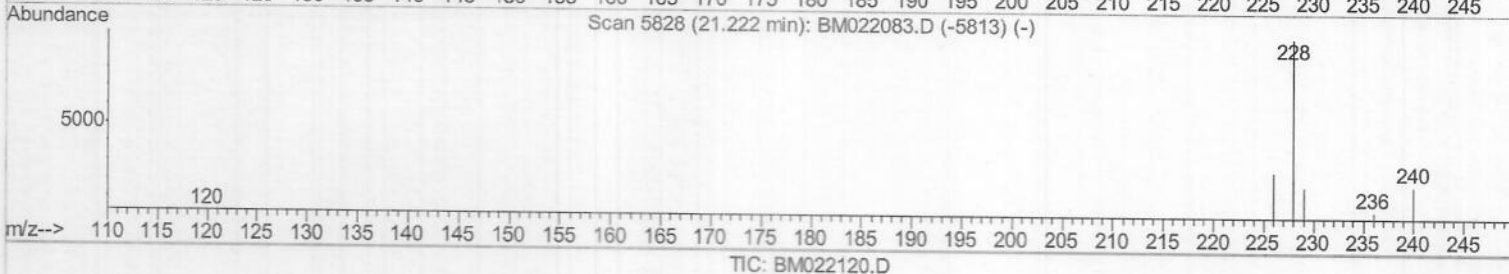
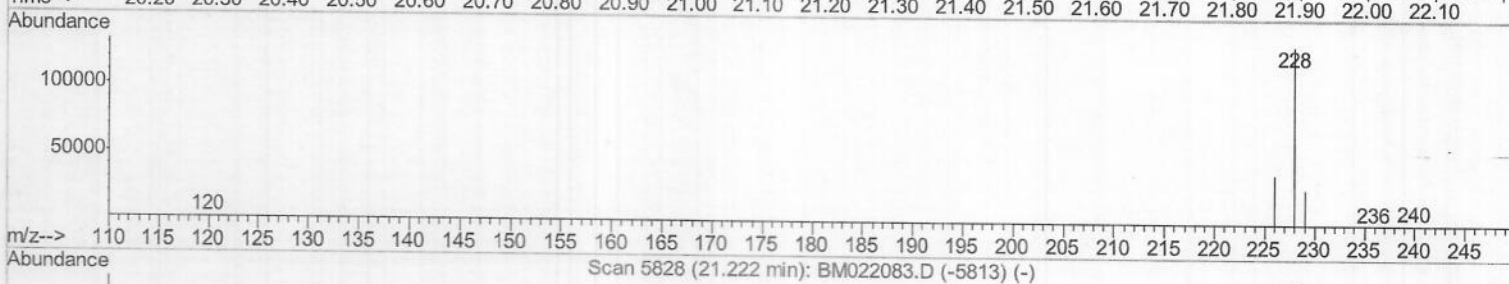
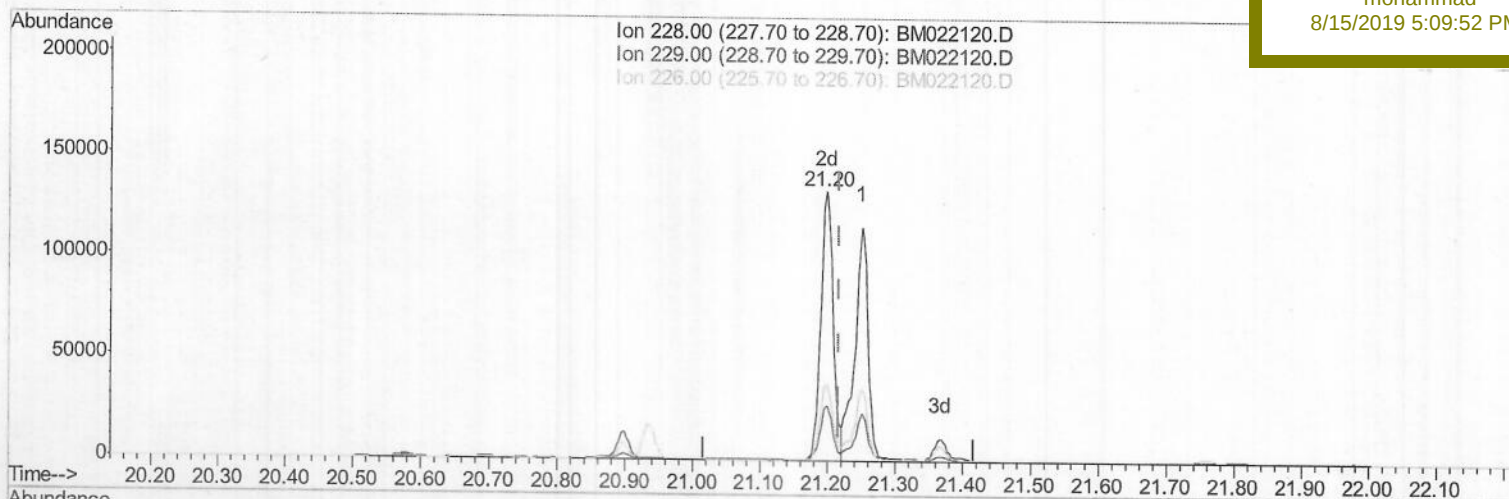
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
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8/15/2019 5:09:52 PM

(18) Benzo(a)anthracene

21.197min (-0.019) 11.38ng/ul m) JU
08/16/19

response 167901

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.13
226.00	28.30	28.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:21:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

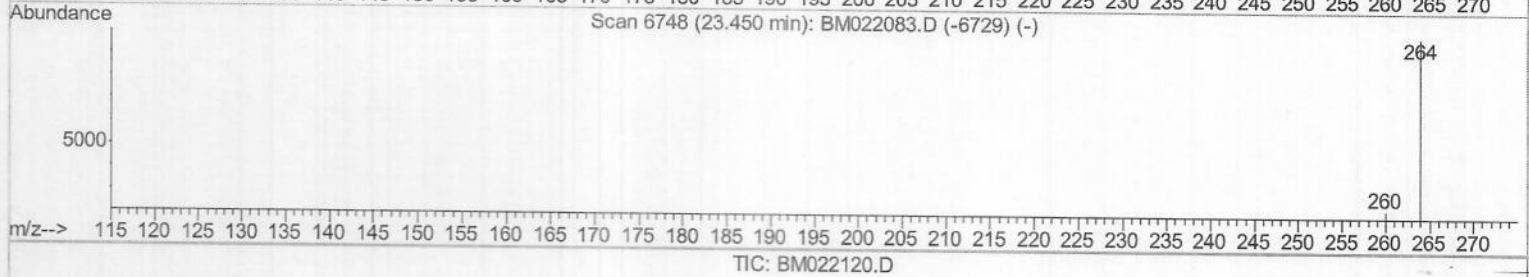
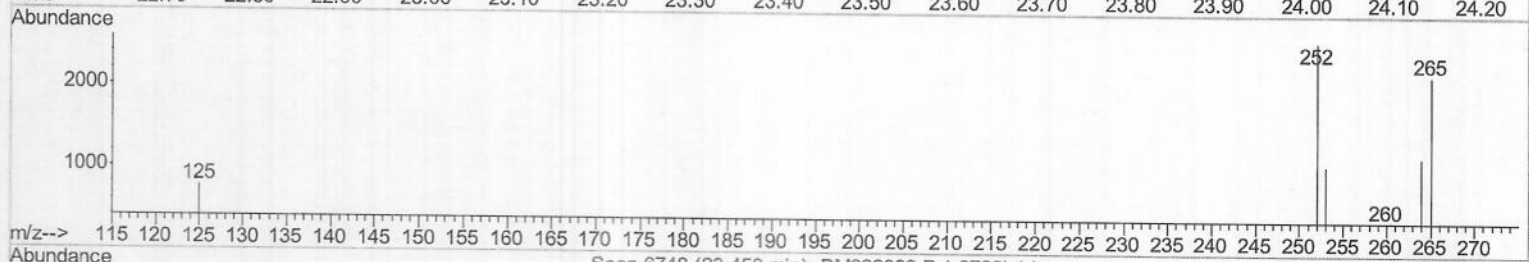
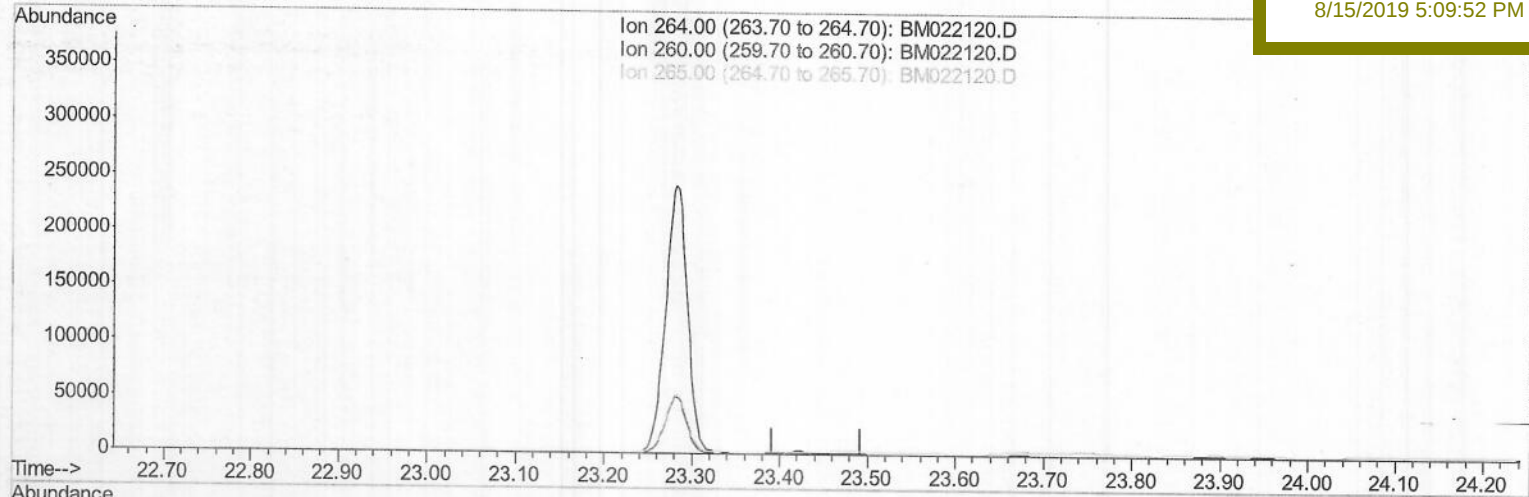
CB5N7

Manual Integrations

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(20) Perylene-d12 (I)

23.442min (-23.442) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	27.50	0.00#
265.00	117.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:21:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

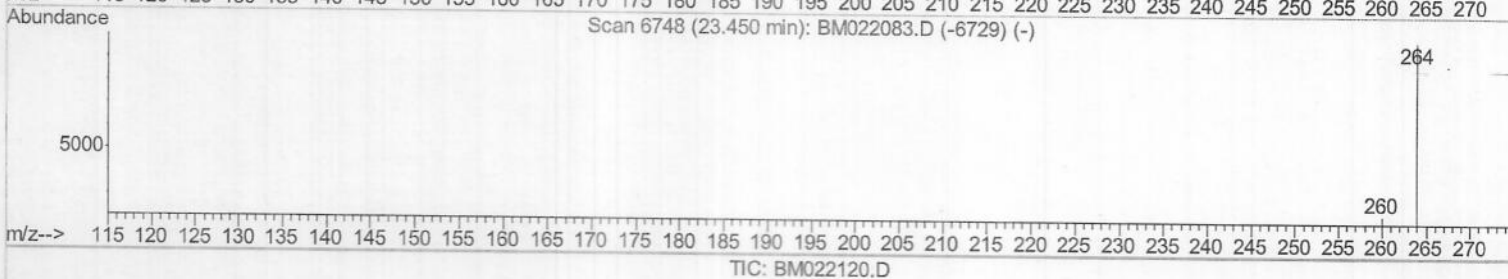
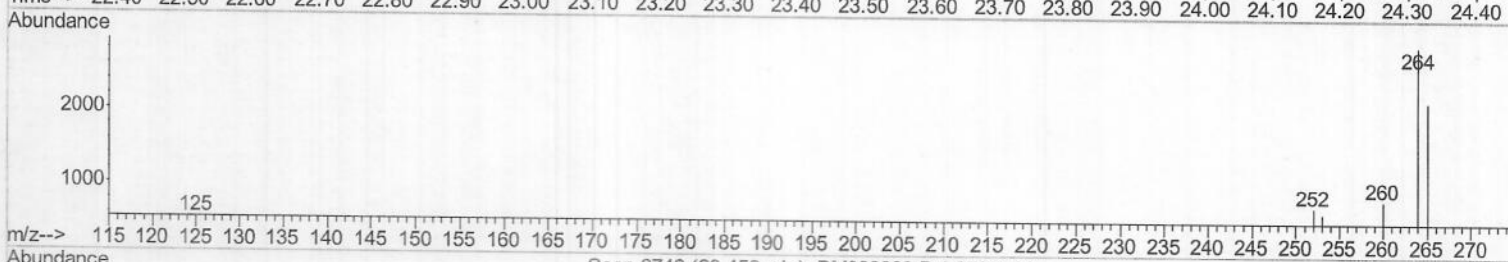
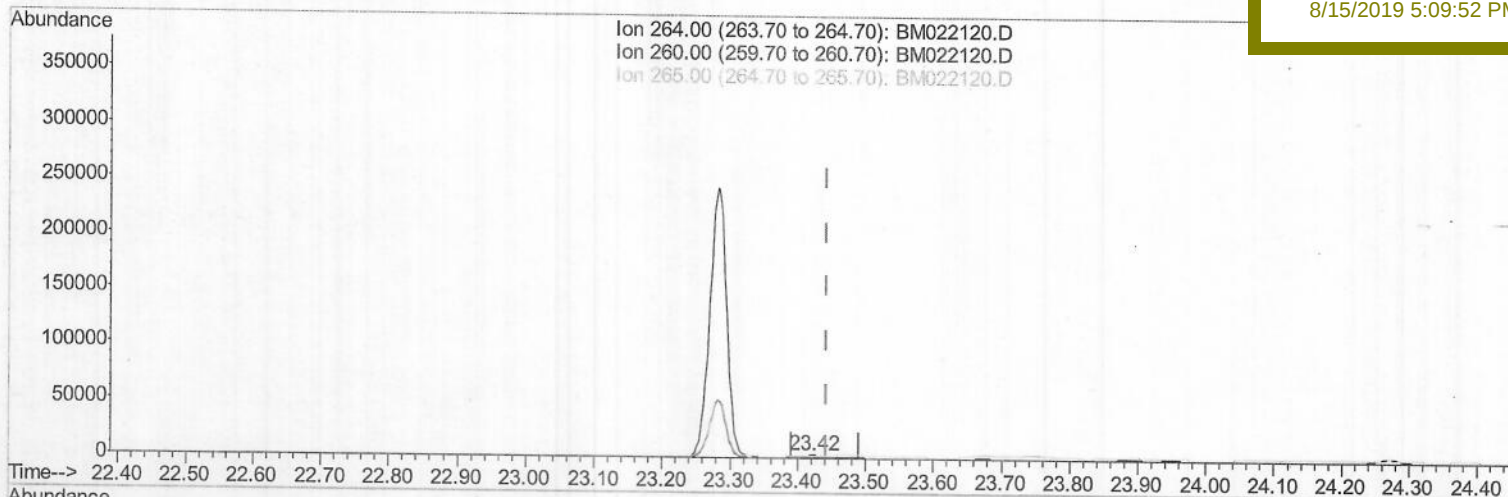
CB5N7

Manual Integrations

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(20) Perylene-d12 (I)

23.421min (-0.022) 0.40ng/ul m) JU

response 3991

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	28.77
265.00	117.00	74.73#
0.00	0.00	0.00

08/16/19

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

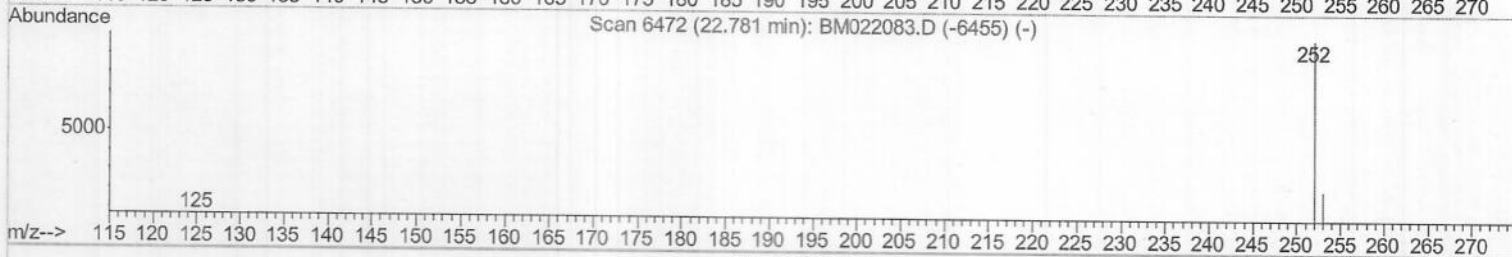
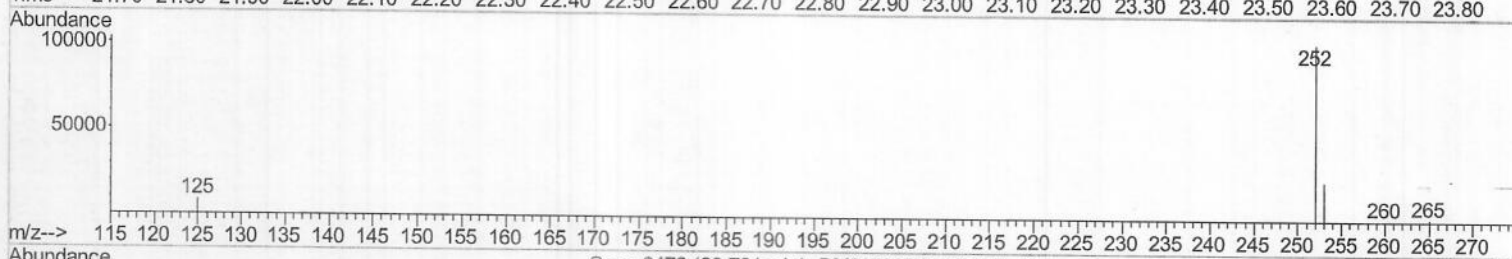
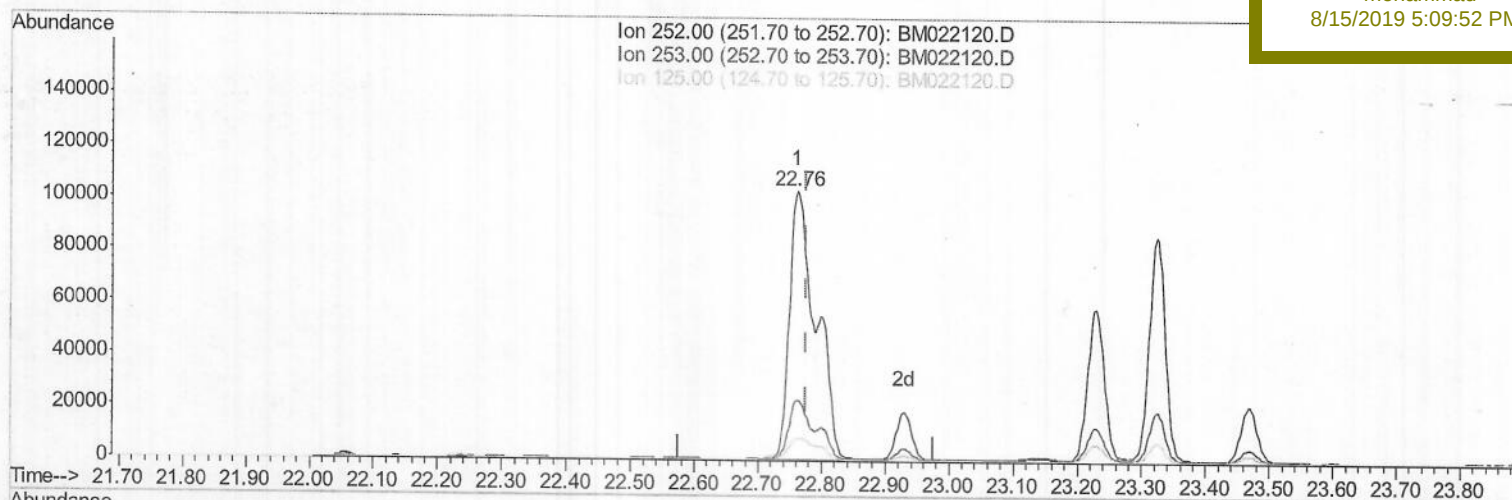
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

Manual Integrations
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TIC: BM022120.D

(21) Benzo(b)fluoranthene

22.762min (-0.015) 22.04ng/ul

response 296680

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.35
125.00	15.50	8.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

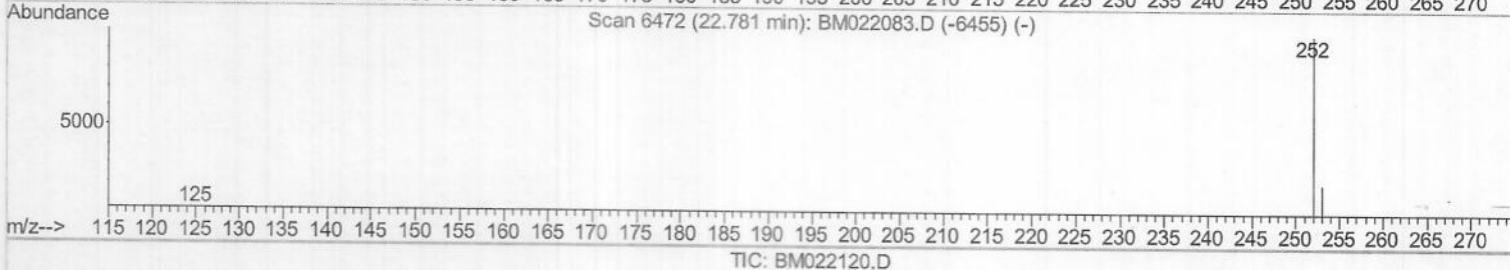
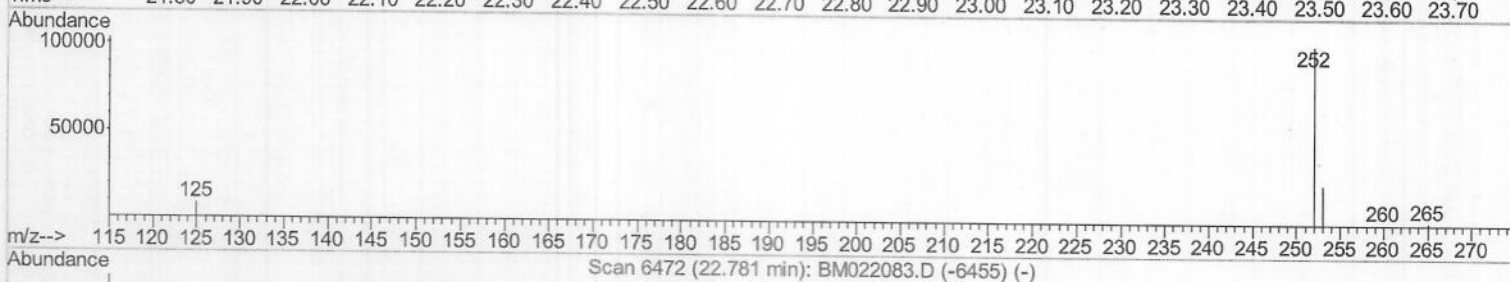
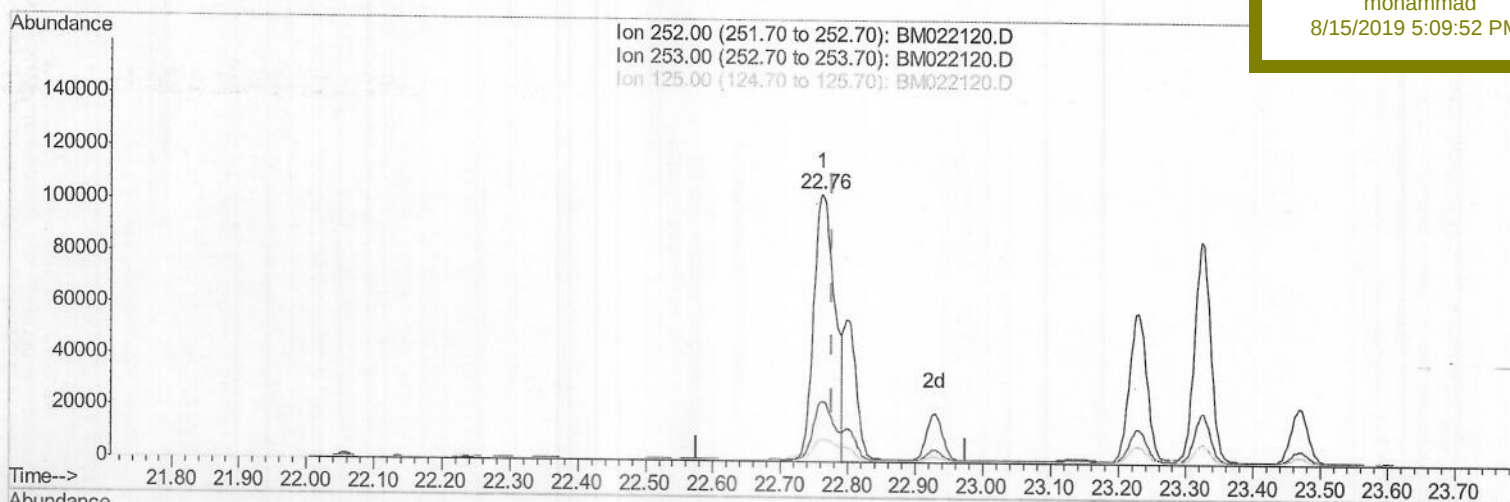
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

CB5N7

Manual Integrations
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(21) Benzo(b)fluoranthene

22.762min (-0.015) 16.67ng/ul m) JU

response 224291

08/16/19

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.35
125.00	15.50	8.29
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

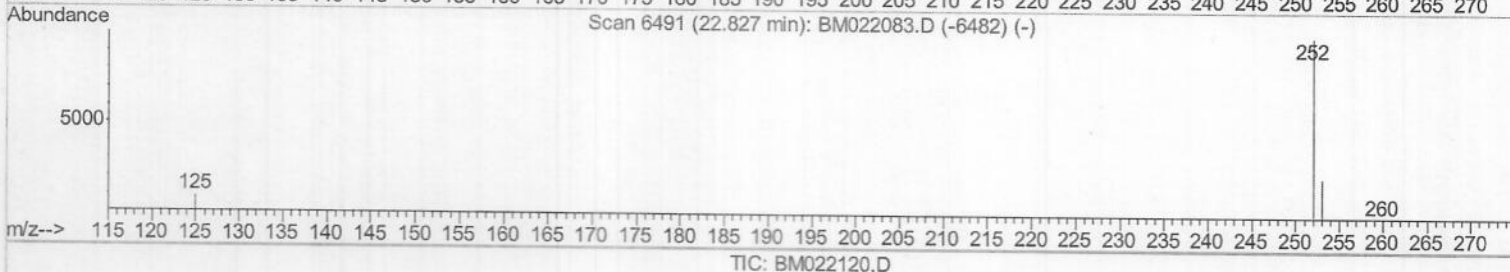
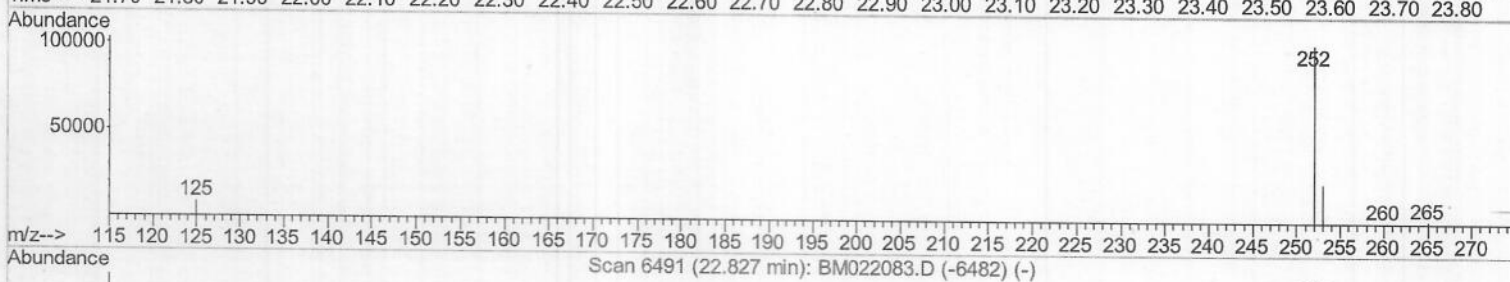
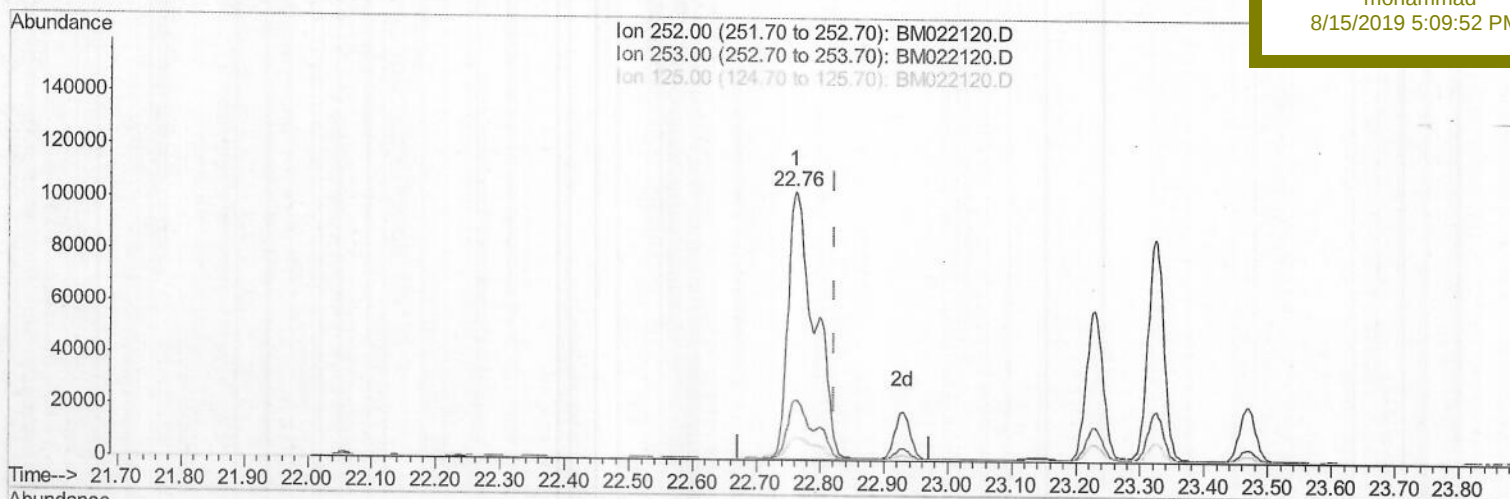
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampled :

CB5N7

Manual Integrations
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(22) Benzo(k)fluoranthene

22.762min (-0.061) 19.48ng/ul

response 296680

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.35#
125.00	15.20	8.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

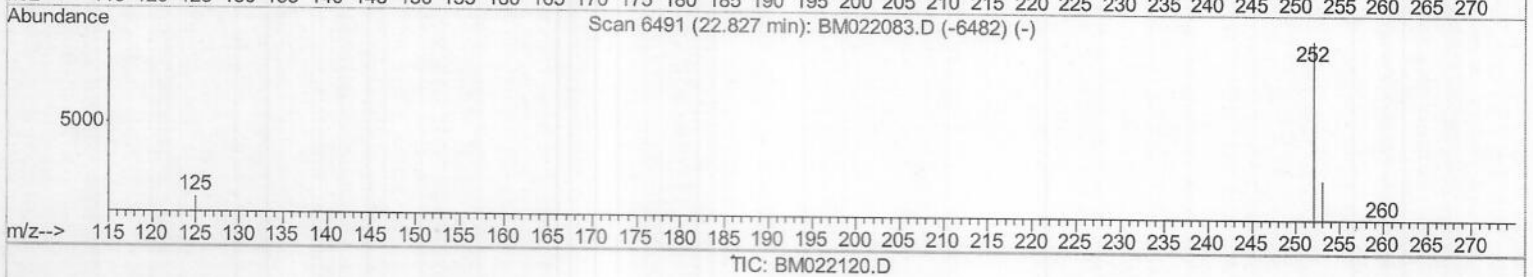
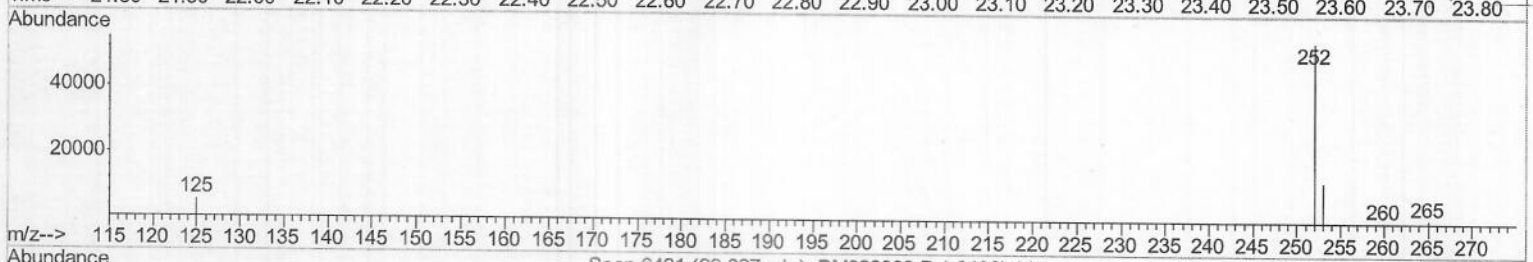
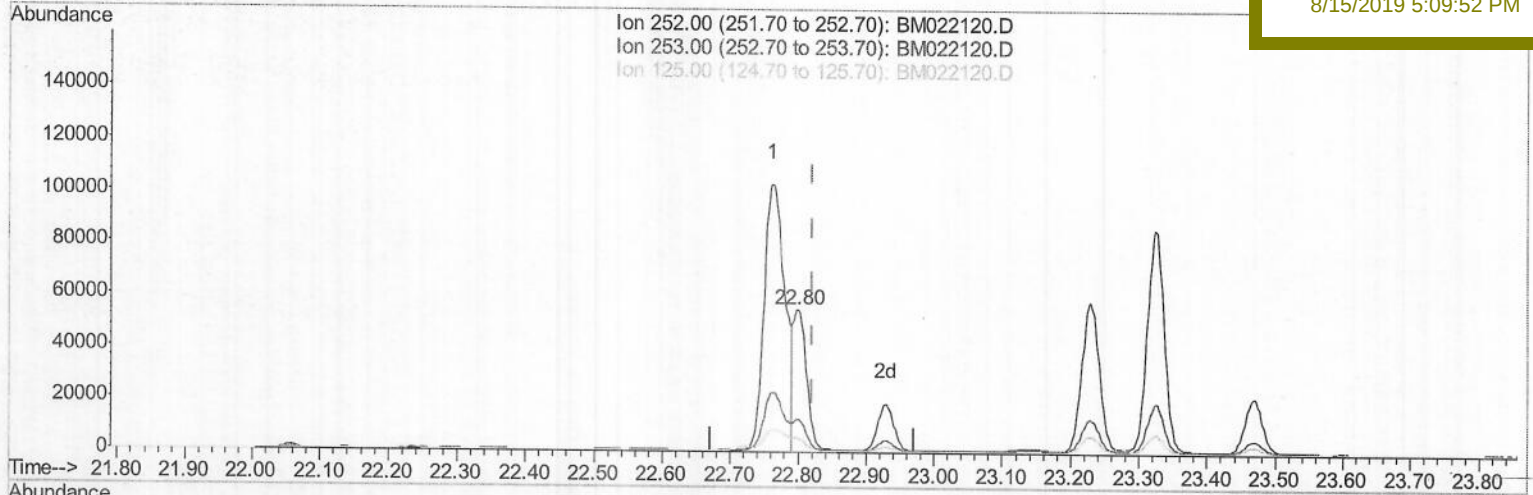
CB5N7

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(22) Benzo(k)fluoranthene

22.798min (-0.024) 4.99ng/ul m ^{JU}
08/16/19

response 75935

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.82#
125.00	15.20	10.07#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

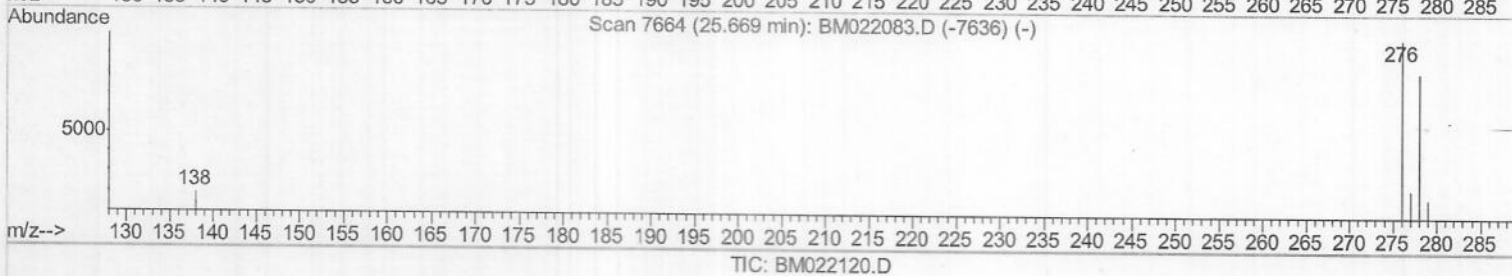
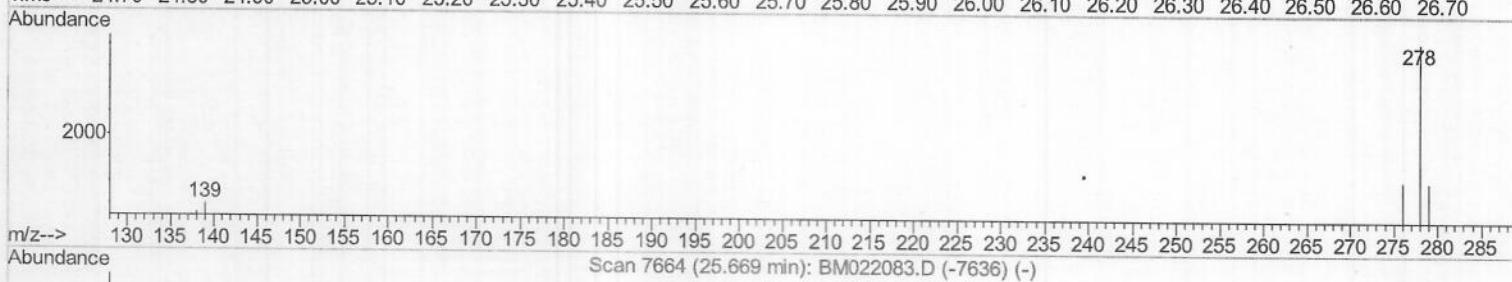
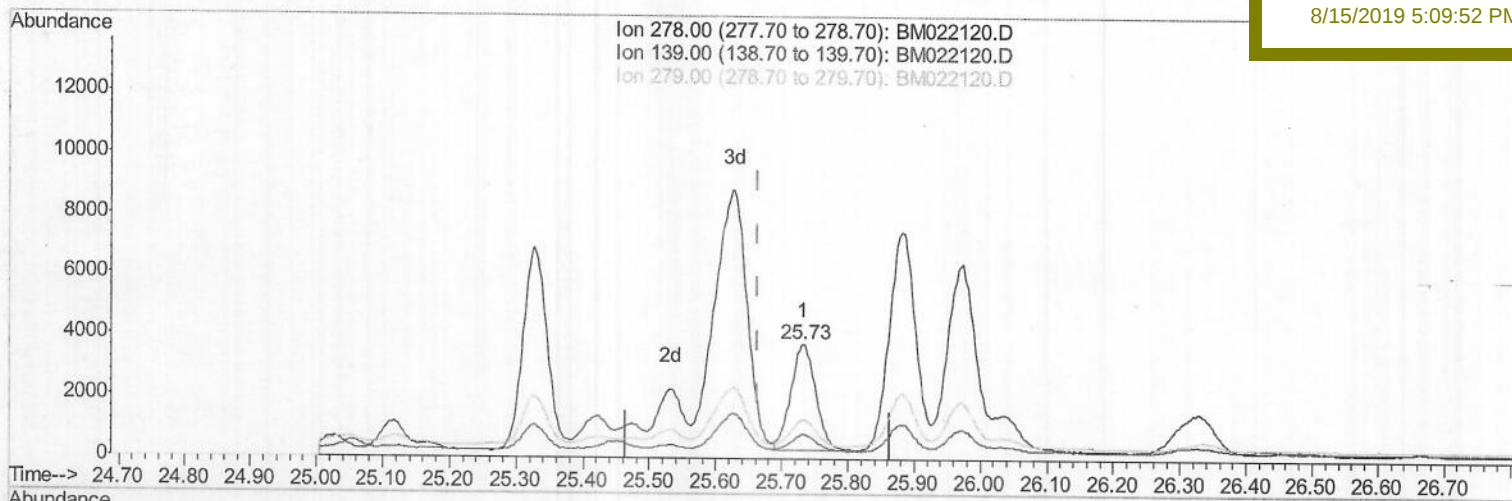
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N7

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

25.732min (+0.068) 0.69ng/ul

response 9084

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	21.14
279.00	35.40	34.26
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\

Data File : BM022120.D

Acq On : 14 Aug 2019 22:29

Operator : HP/JU

Sample : K4304-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:22:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 14 13:53:23 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

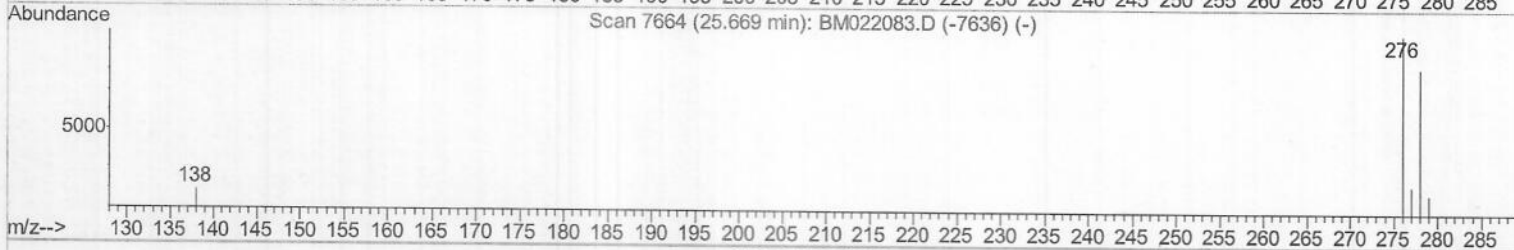
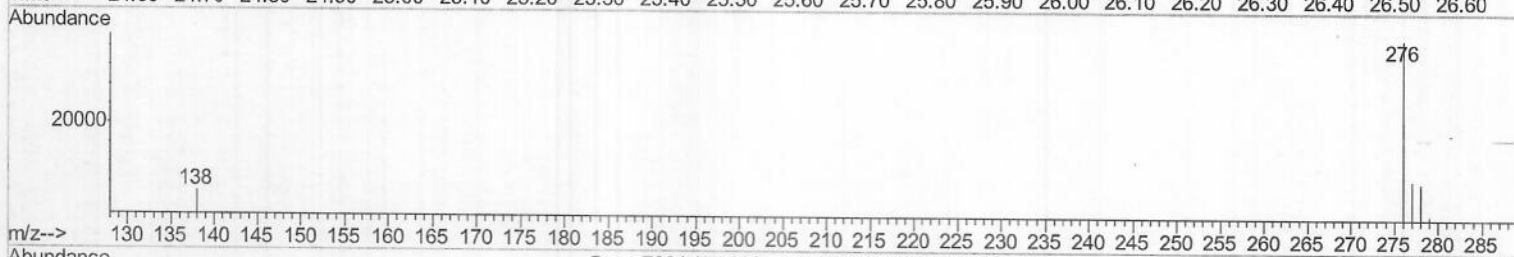
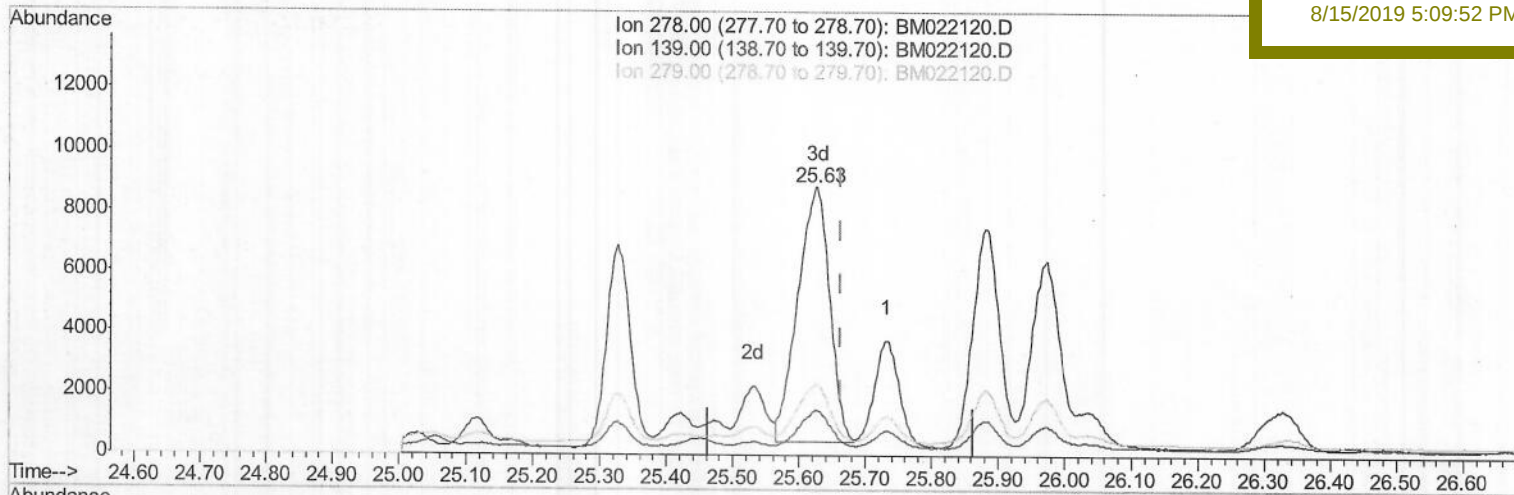
CB5N7

Manual Integrations

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(25) Dibenzo(a,h)anthracene

25.628min (-0.036) 2.12ng/ul m

response 28006

Ion Exp% Act%

278.00 100 100

139.00 17.70 16.51

279.00 35.40 26.49#

0.00 0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022120.D
 Acq On : 14 Aug 2019 22:29
 Operator : HP/JU
 Sample : K4304-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 15 11:23:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 13:53:23 2019
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 CB5N7

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	938	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	3837	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.25	164	1986	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	4196m)	0.40	ng/ul	-0.03
16) Chrysene-d12	21.21	240	4126m)	0.40	ng/ul	-0.02
20) Perylene-d12	23.42	264	3991m)	0.40	ng/ul	-0.02

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System Monitoring Compounds
 4) 2-Methylnaphthalene-d10
 14) Fluoranthene-d10

4) 2-Methylnaphthalene-d10	11.98	152	2437	0.39	ng/ul	-0.03
14) Fluoranthene-d10	19.05	212	5332m)	0.38	ng/ul	-0.02

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.42	128	12834	1.184	ng/ul#	92
5) 2-Methylnaphthalene	12.05	142	5077	0.703	ng/ul	97
7) Acenaphthylene	13.97	152	6751	0.729	ng/ul#	82
8) Acenaphthene	14.31	153	11734	1.548	ng/ul	95
9) Fluorene	15.31	166	11680	1.388	ng/ul	97
12) Phenanthrene	17.05	178	193722m)	15.867	ng/ul	
13) Anthracene	17.14	178	40608m)	3.899	ng/ul	
15) Fluoranthene	19.08	202	344278m)	21.051	ng/ul	
17) Pyrene	19.44	202	287849	16.977	ng/ul	98
18) Benzo(a)anthracene	21.20	228	167901m)	11.377	ng/ul	99
19) Chrysene	21.25	228	160929	8.479	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	224291m)	16.666	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	75935m)	4.986	ng/ul	
23) Benzo(a)pyrene	23.32	252	146700	10.719	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	102069	6.246	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	28006m)	2.120	ng/ul	
26) Benzo(g,h,i)perylene	26.30	276	85005	5.778	ng/ul	96

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