

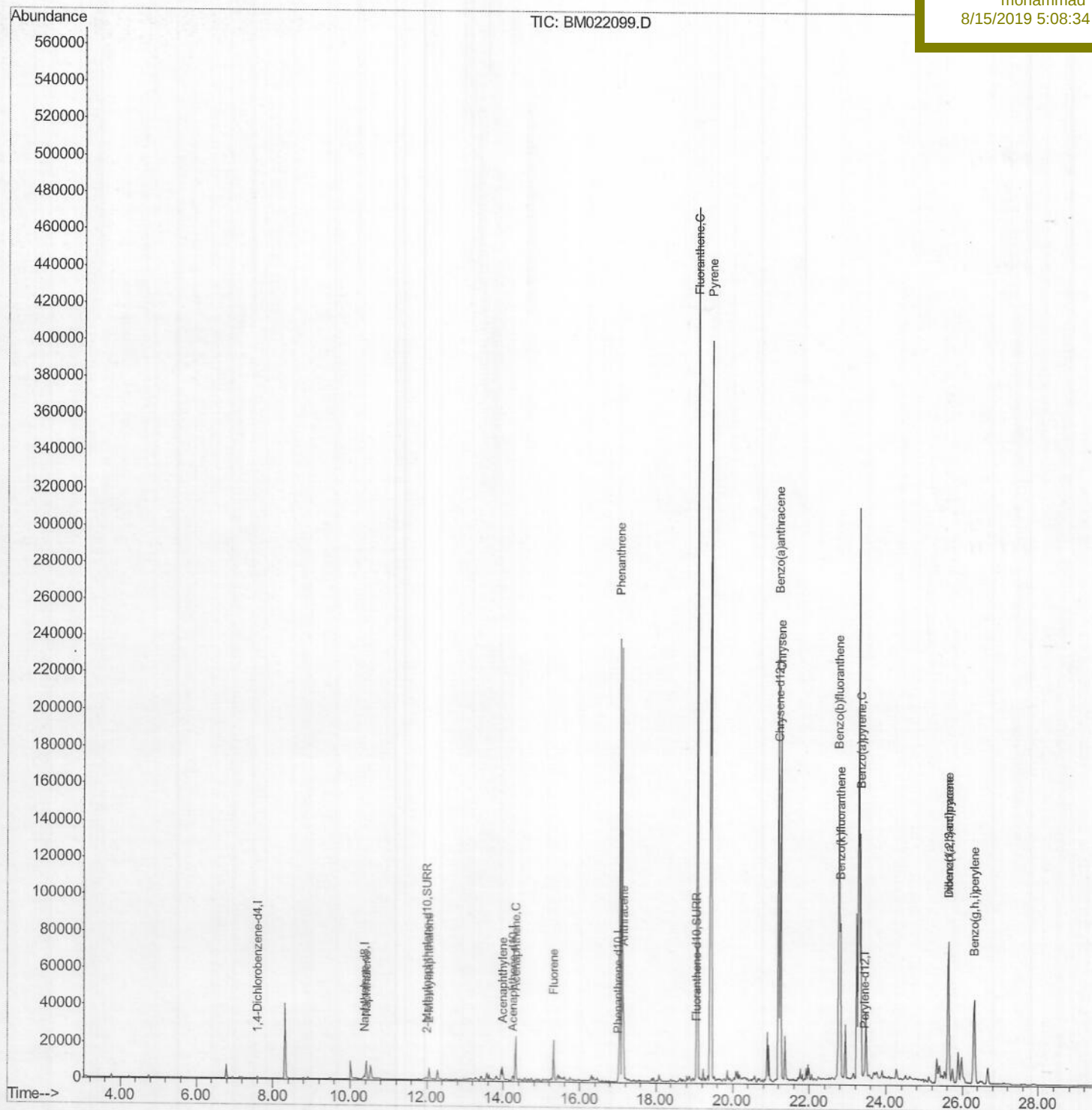
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
Data File : BM022099.D
Acq On : 14 Aug 2019 09:39
Operator : HP/JU
Sample : K4304-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:02:23 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 08:16:48 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
CB5N2

Manual Integrations
APPROVED

mohammad
8/15/2019 5:08:34 PM



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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:55:43 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 08:16:48 2019

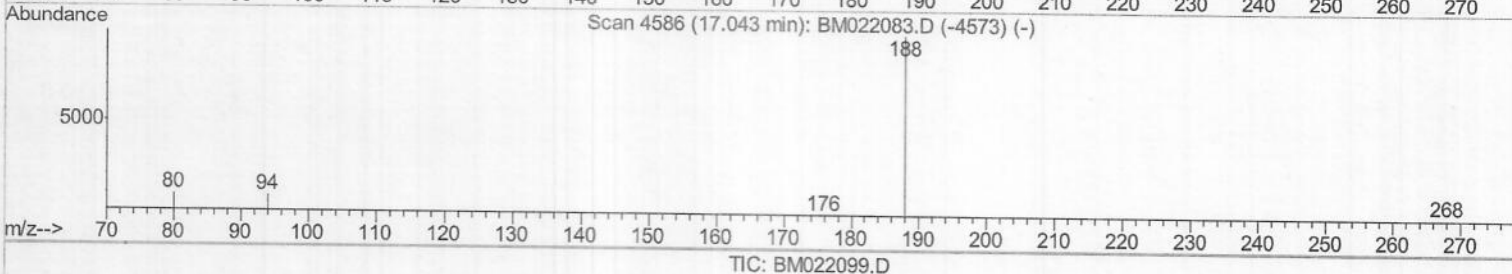
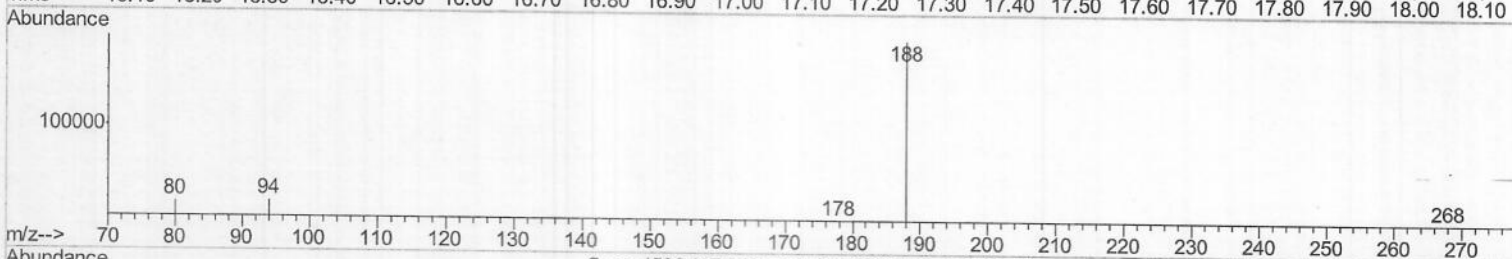
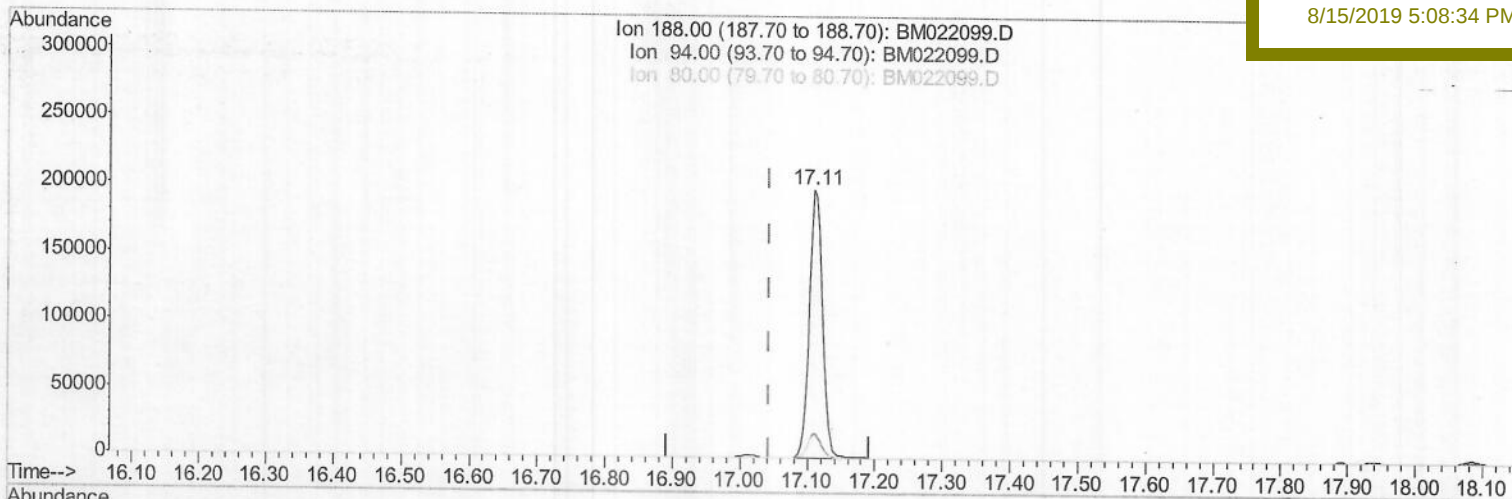
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
8/15/2019 5:08:34 PM

(10) Phenanthrene-d10 (I)

17.110min (+0.068) 0.40ng/ul

response 267422

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.11
80.00	11.40	8.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:55:43 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

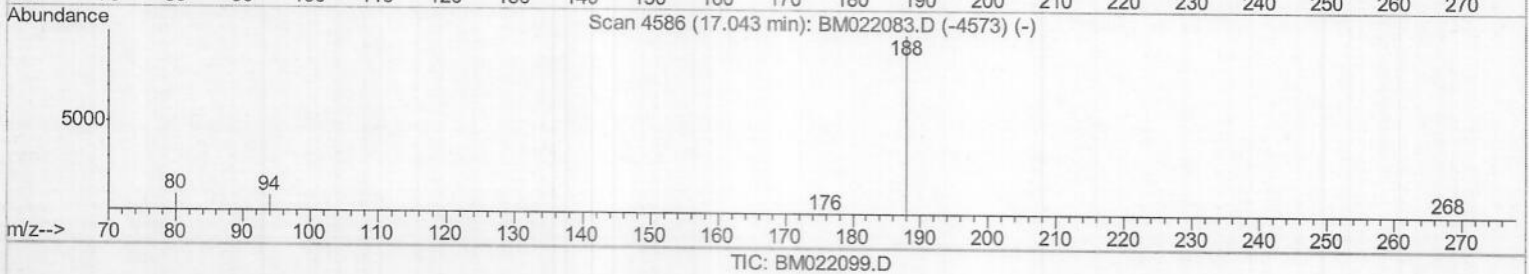
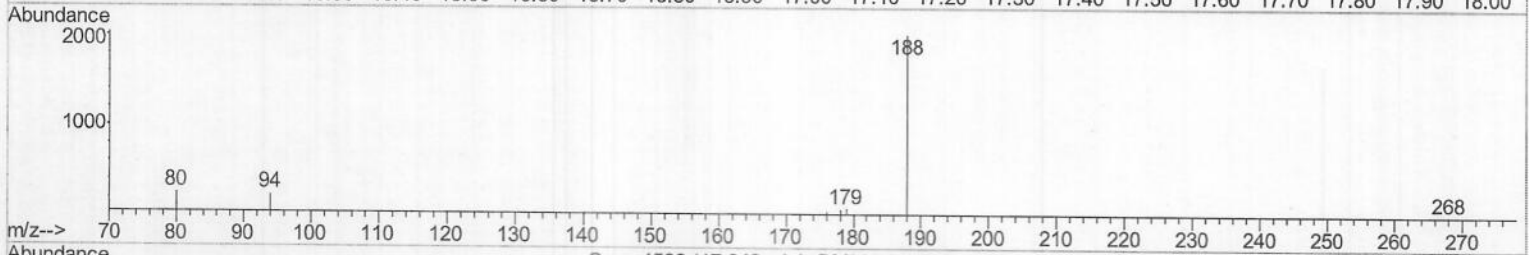
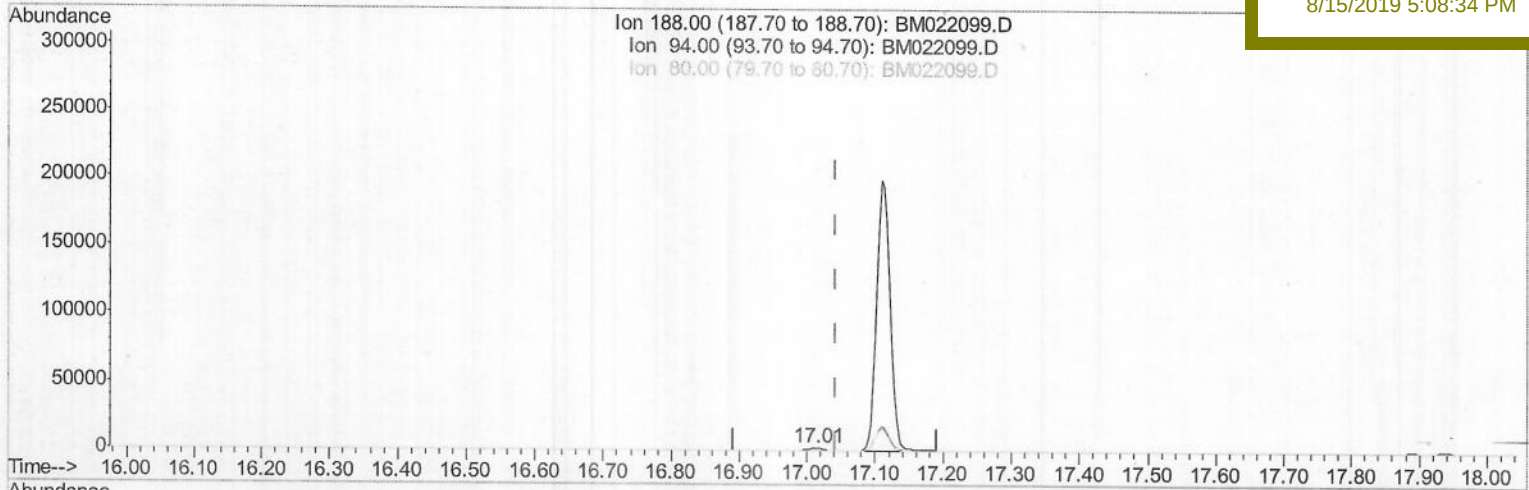
CB5N2

Manual Integrations

APPROVED

mohammad

8/15/2019 5:08:34 PM



(10) Phenanthrene-d10 (I)

17.013min (-0.030) 0.40ng/ul m)

response 2984

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	11.82
80.00	11.40	12.80
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

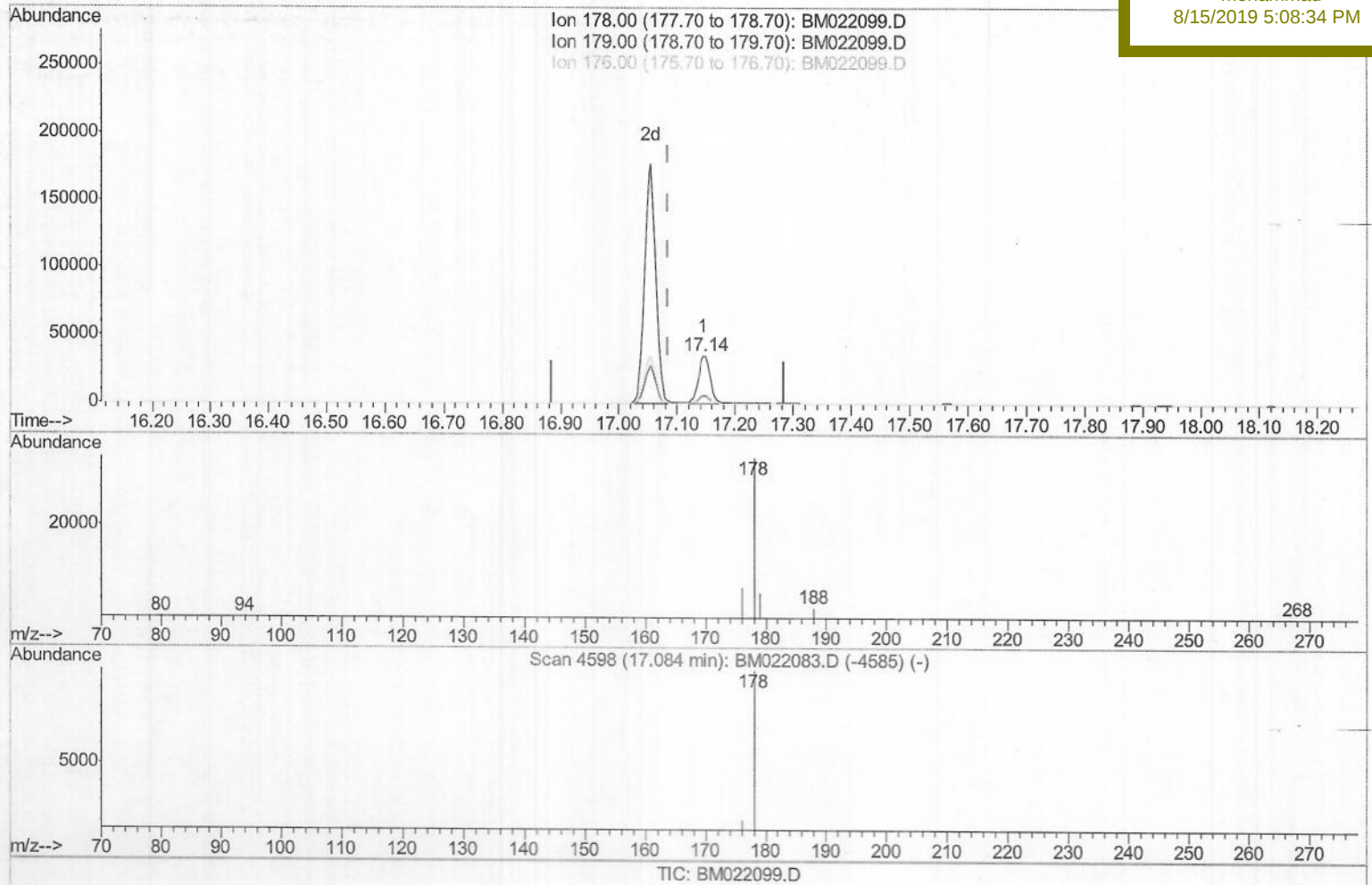
CB5N2

Manual Integrations

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mohammad

8/15/2019 5:08:34 PM



(12) Phenanthrene

17.145min (+0.061) 5.82ng/ul

response 50504

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.61
176.00	21.00	19.49
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

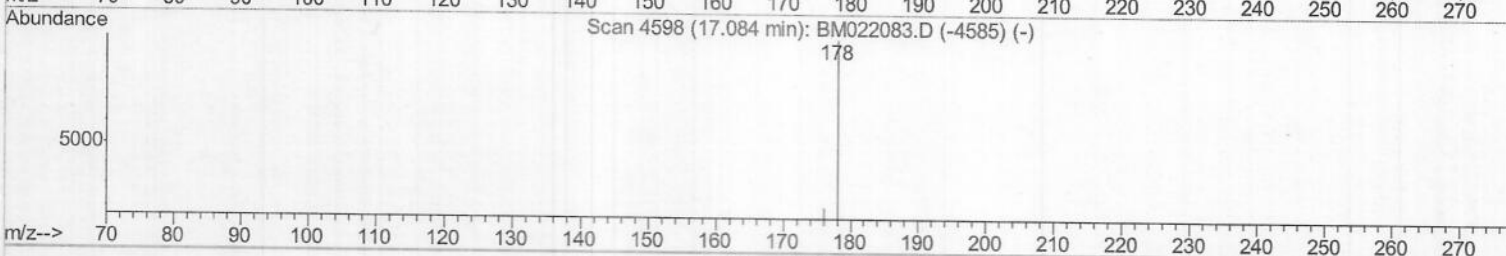
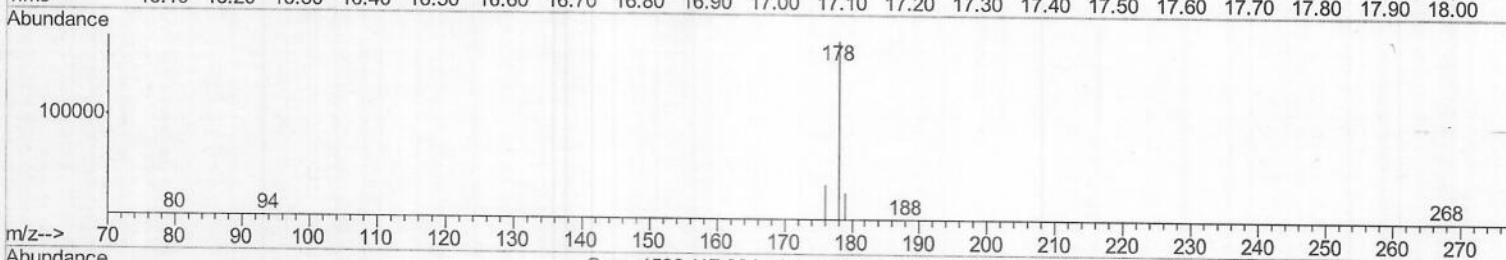
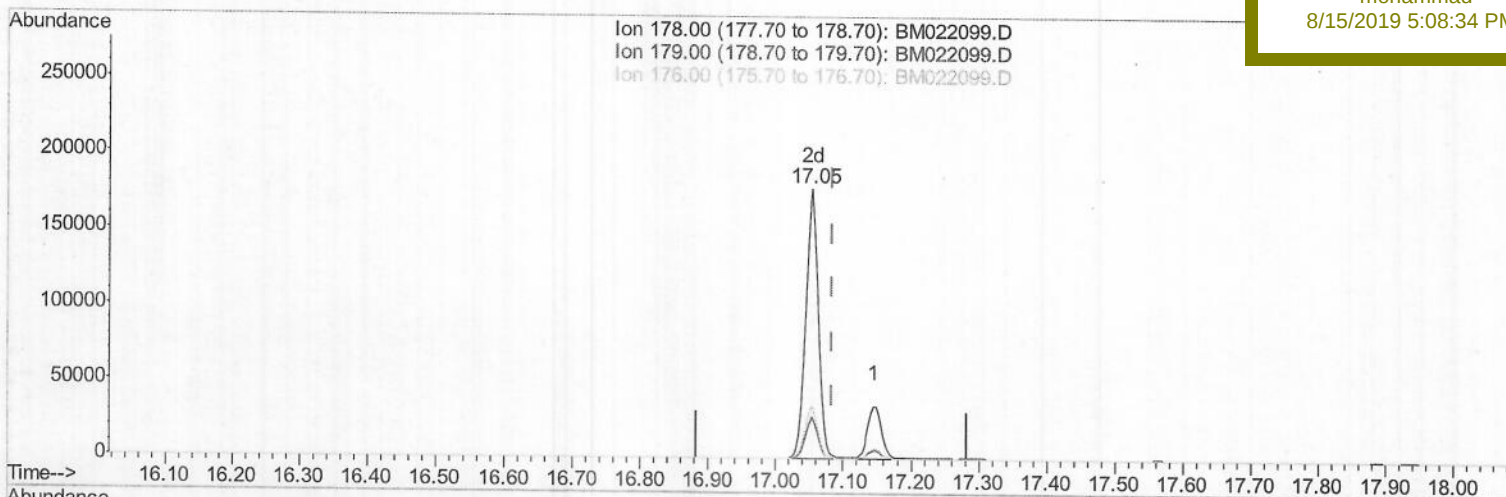
CB5N2

Manual Integrations

APPROVED

mohammad

8/15/2019 5:08:34 PM



TIC: BM022099.D

(12) Phenanthrene

17.055min (-0.030) 27.20ng/ul m)JU

response 236190

08/16/19

Ion	Exp%	Act%
178.00	100	100
179.00	17.70	15.34
176.00	21.00	19.59
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

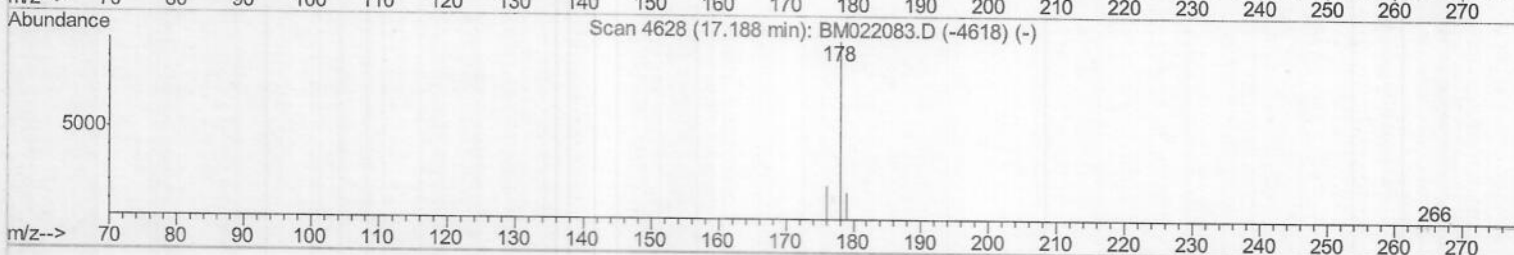
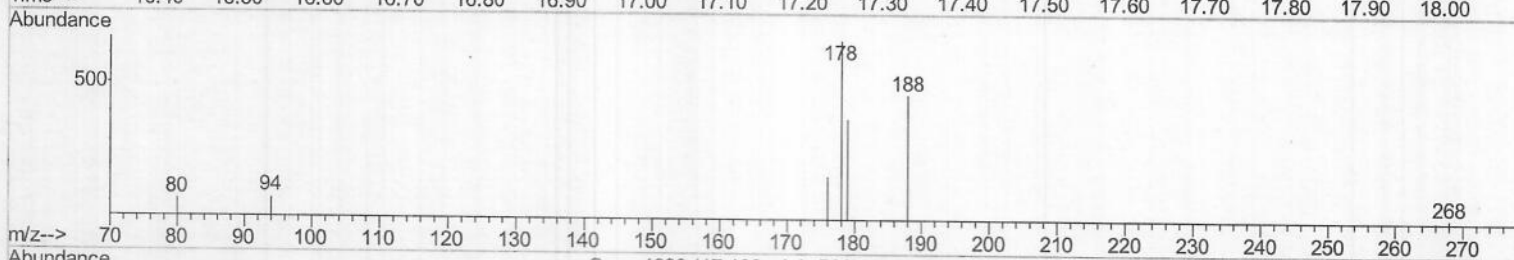
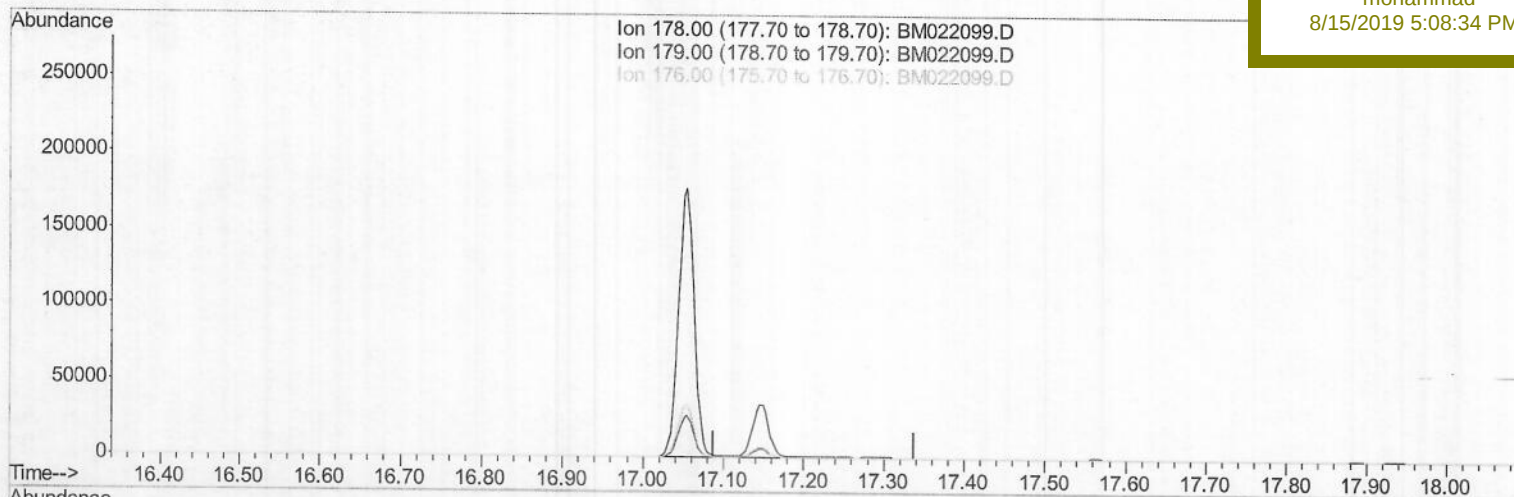
CB5N2

Manual Integrations

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TIC: BM022099.D

(13) Anthracene

17.188min (-17.188) 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 : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

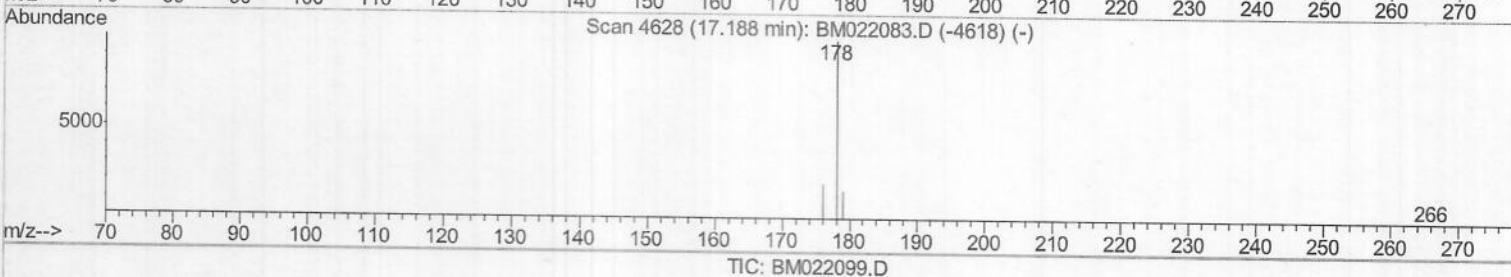
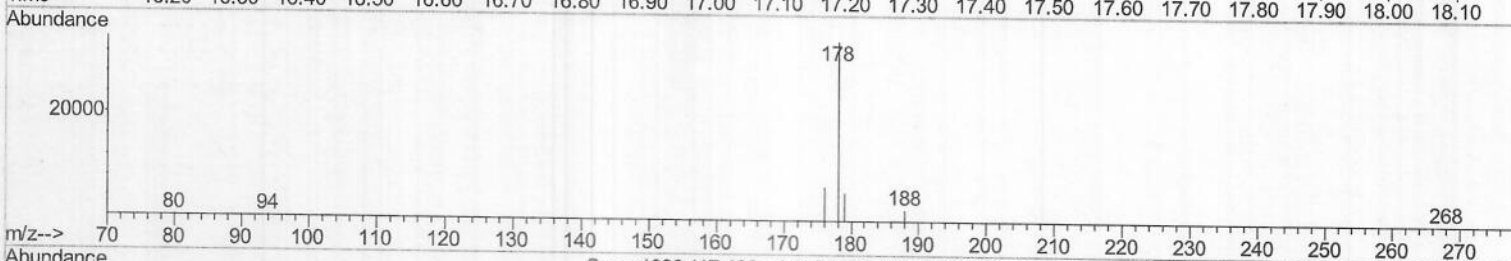
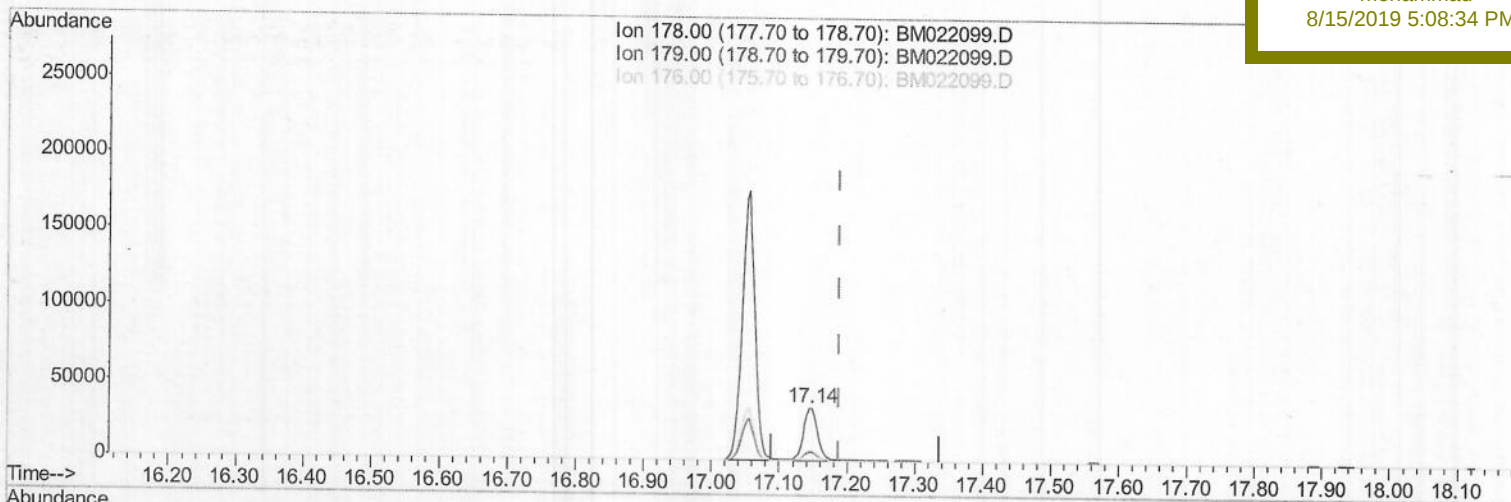
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
8/15/2019 5:08:34 PM

(13) Anthracene

17.145min (-0.044) 6.80ng/ul m) JU

response 50374

Ion	Exp%	Act%
178.00	100	100
179.00	19.40	15.61
176.00	20.80	19.49
0.00	0.00	0.00

08/16/19

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

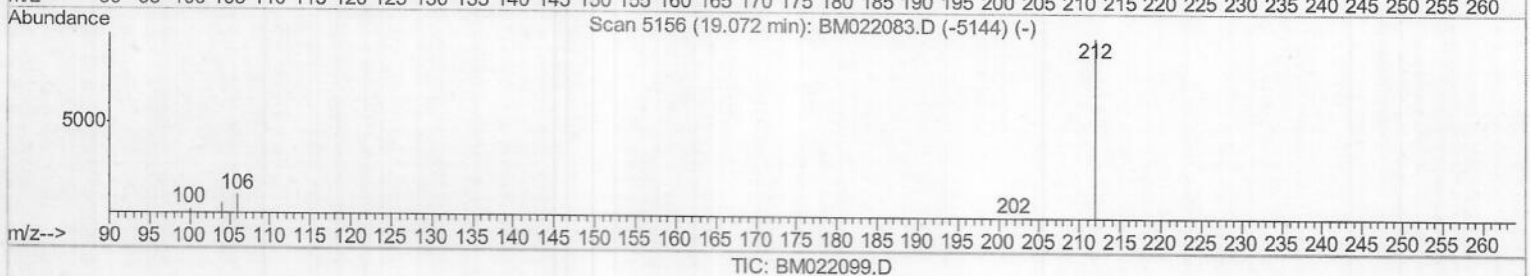
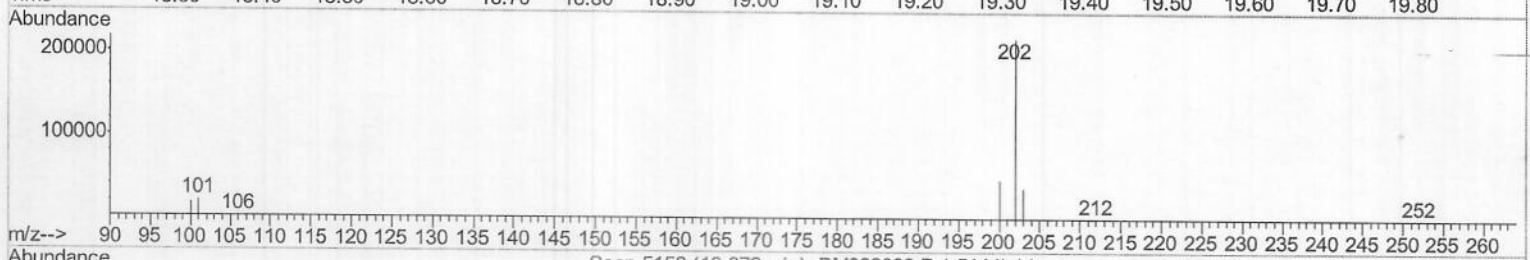
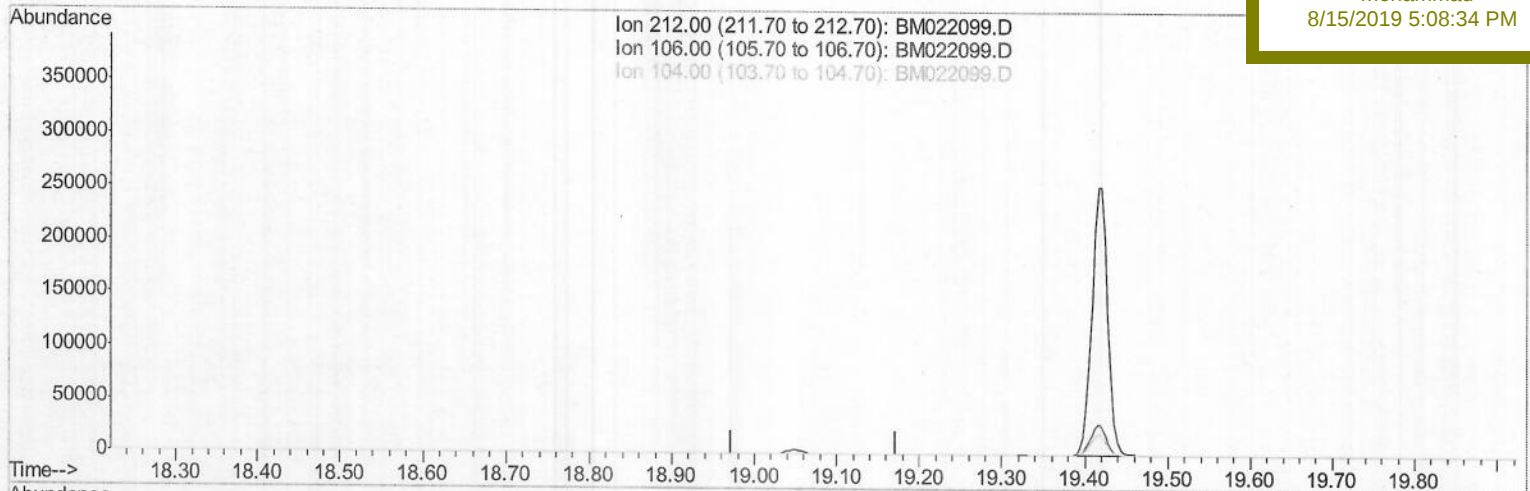
CB5N2

Manual Integrations

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(14) Fluoranthene-d10 (SURR)

19.072min (-19.072) 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 : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

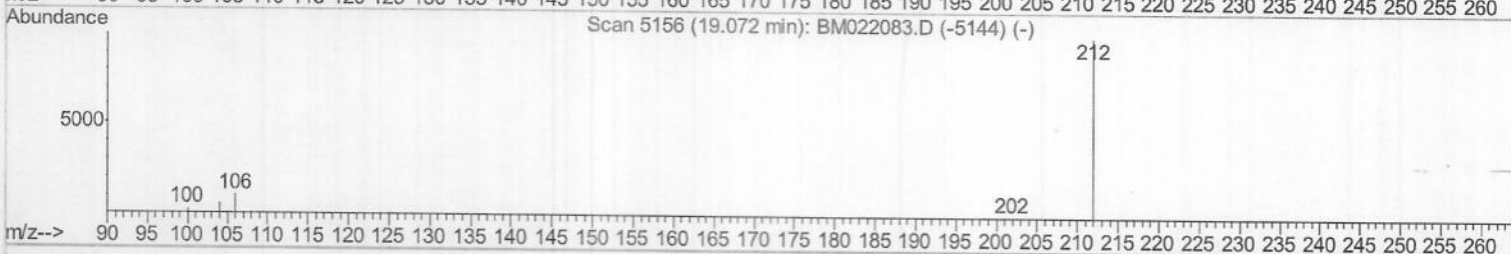
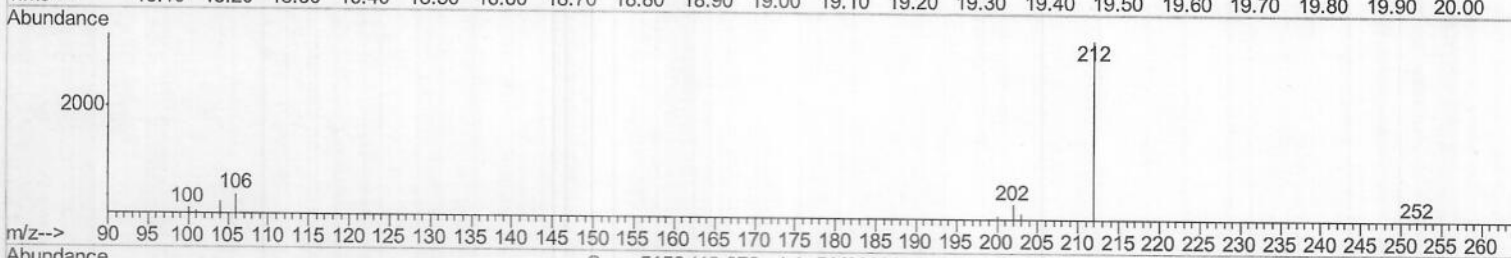
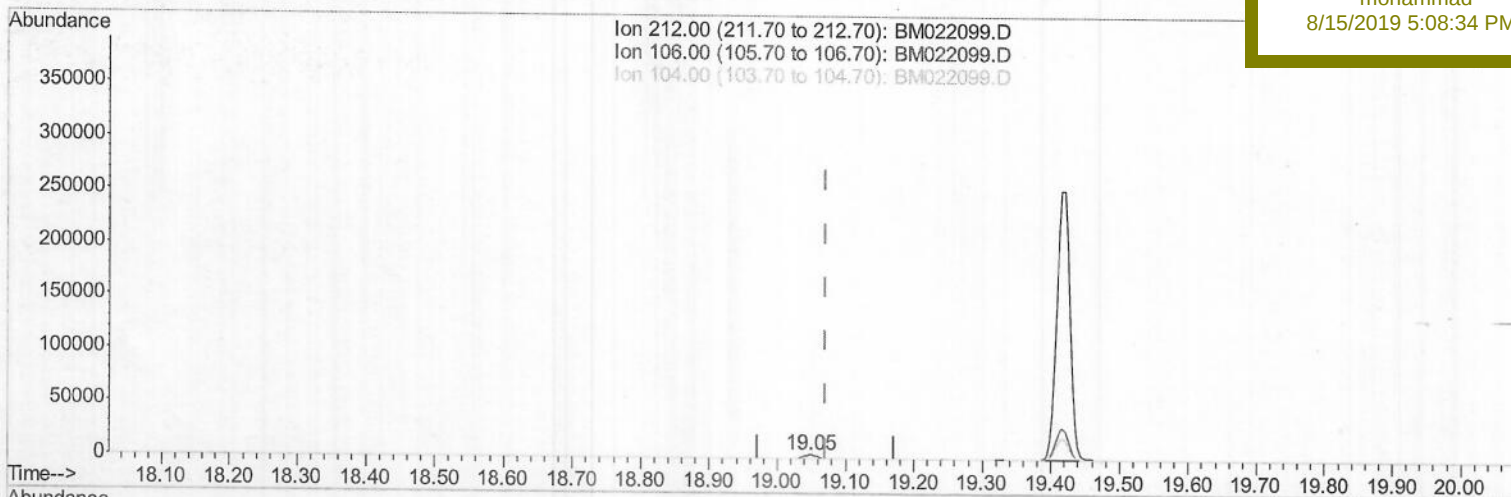
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
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TIC: BM022099.D

(14) Fluoranthene-d10 (SURR)

19.047min (-0.025) 0.46ng/ul m

response 4633

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 : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

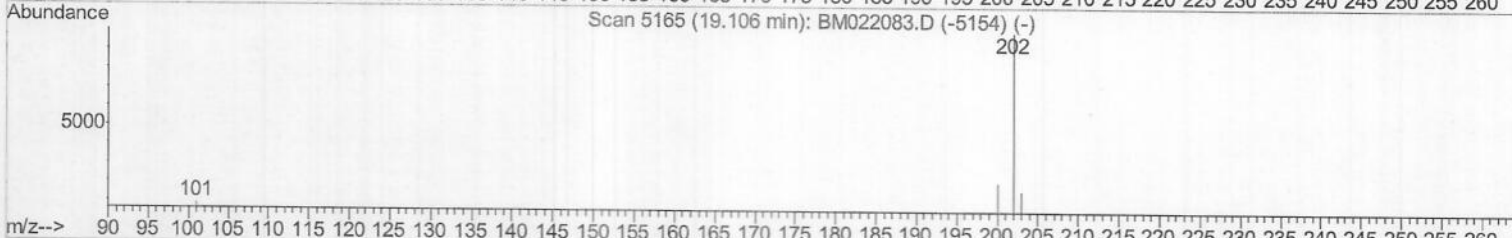
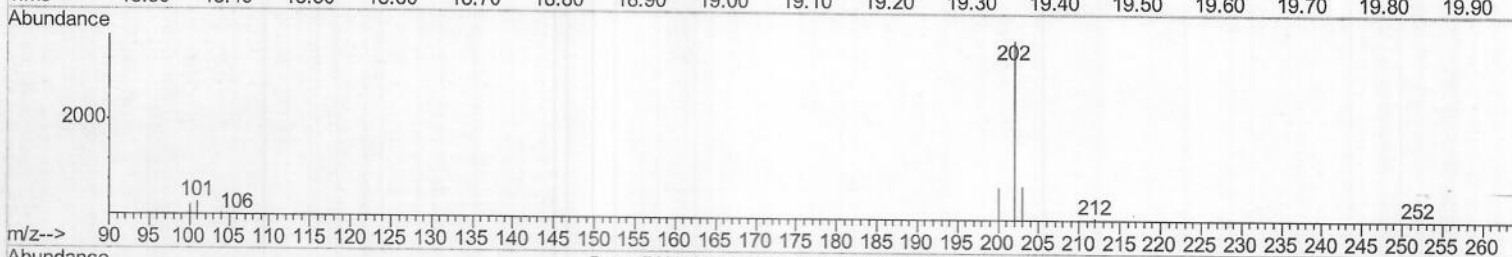
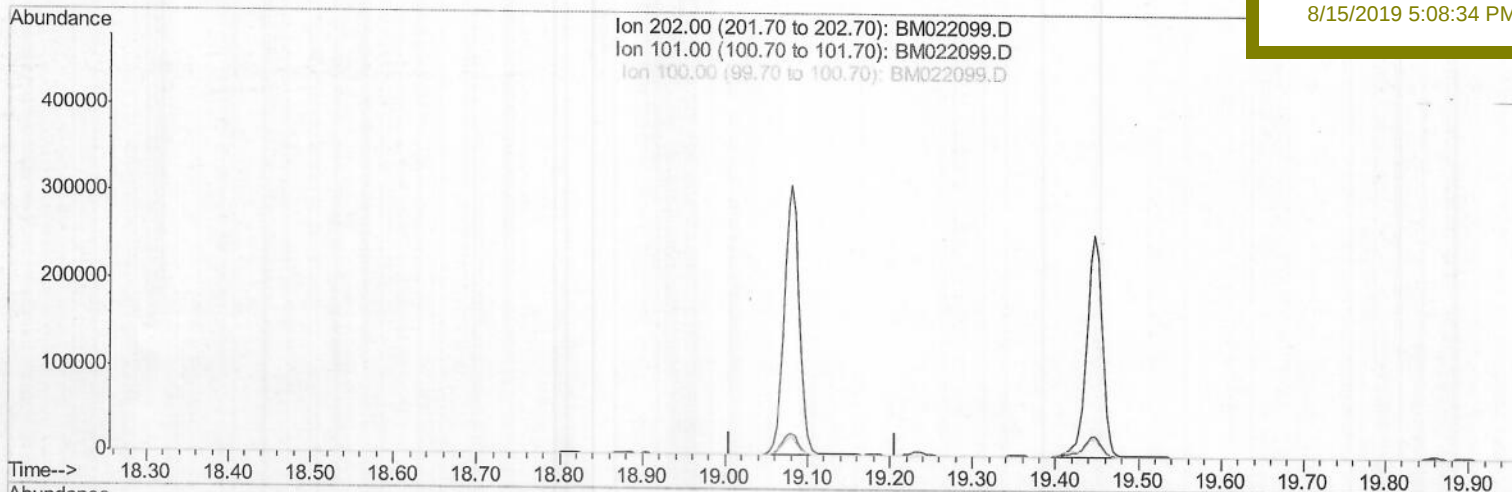
CB5N2

Manual Integrations

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8/15/2019 5:08:34 PM



TIC: BM022099.D

(15) Fluoranthene (C)

19.106min (-19.106) 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 : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

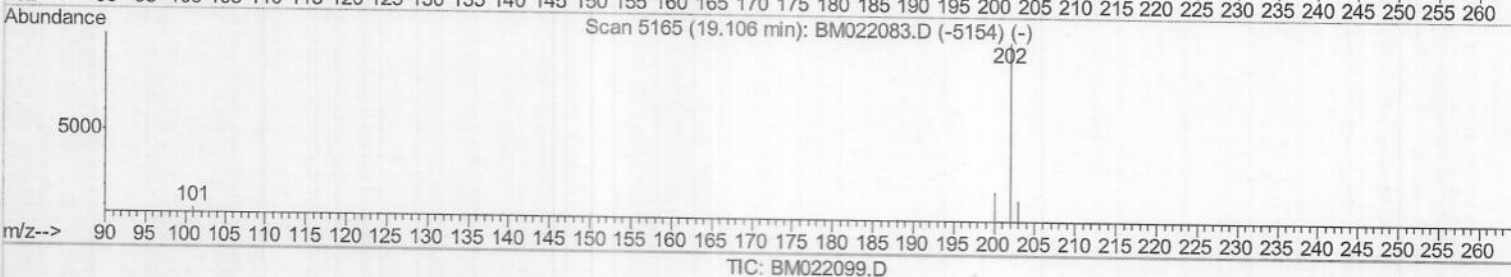
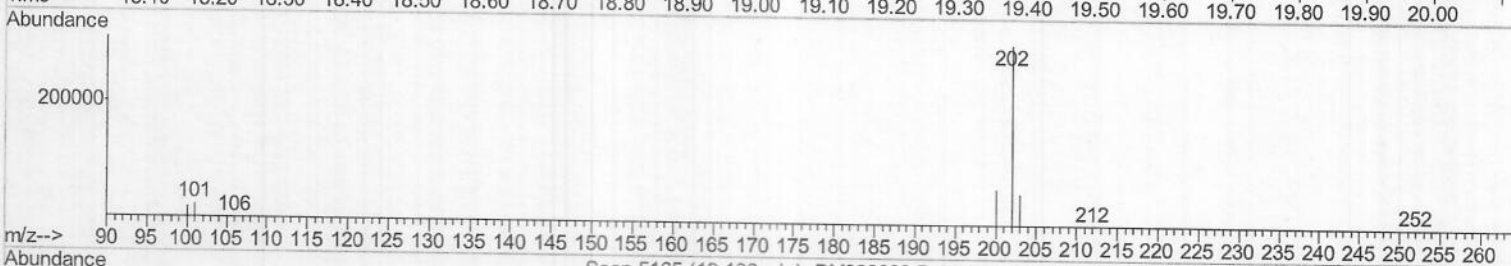
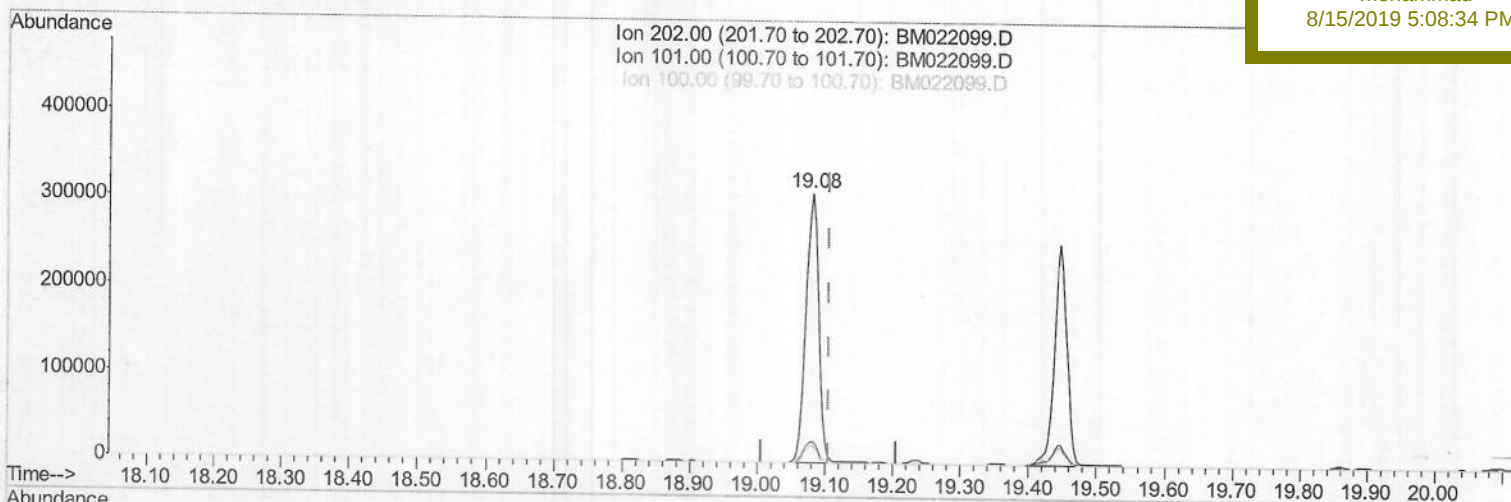
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
8/15/2019 5:08:34 PM

(15) Fluoranthene (C)

19.081min (-0.025) 34.35ng/ul m)JU
08/16/19

response 399503

Ion	Exp%	Act%
202.00	100	100
101.00	10.20	7.92
100.00	8.10	6.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

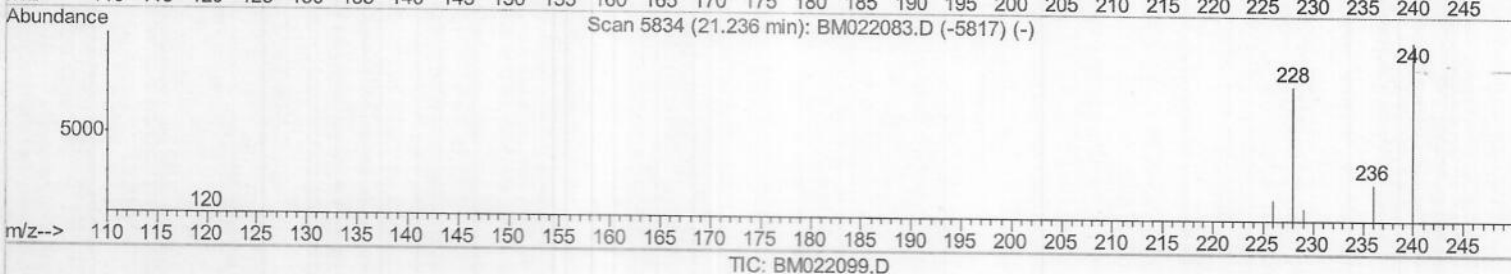
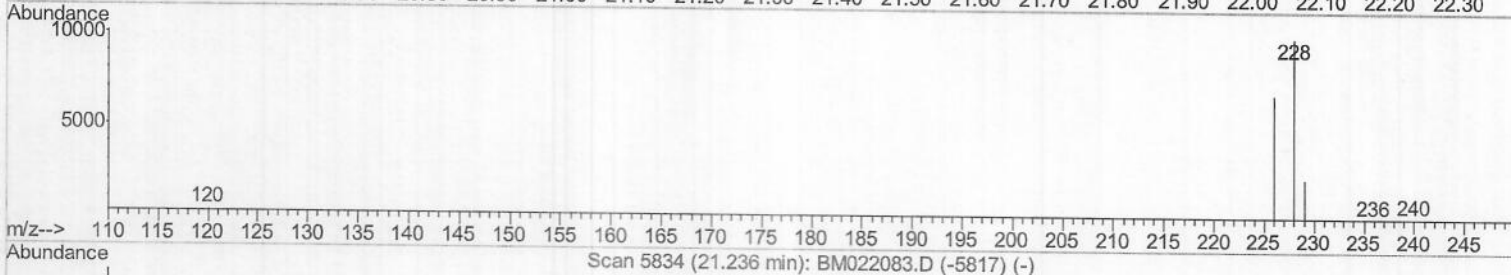
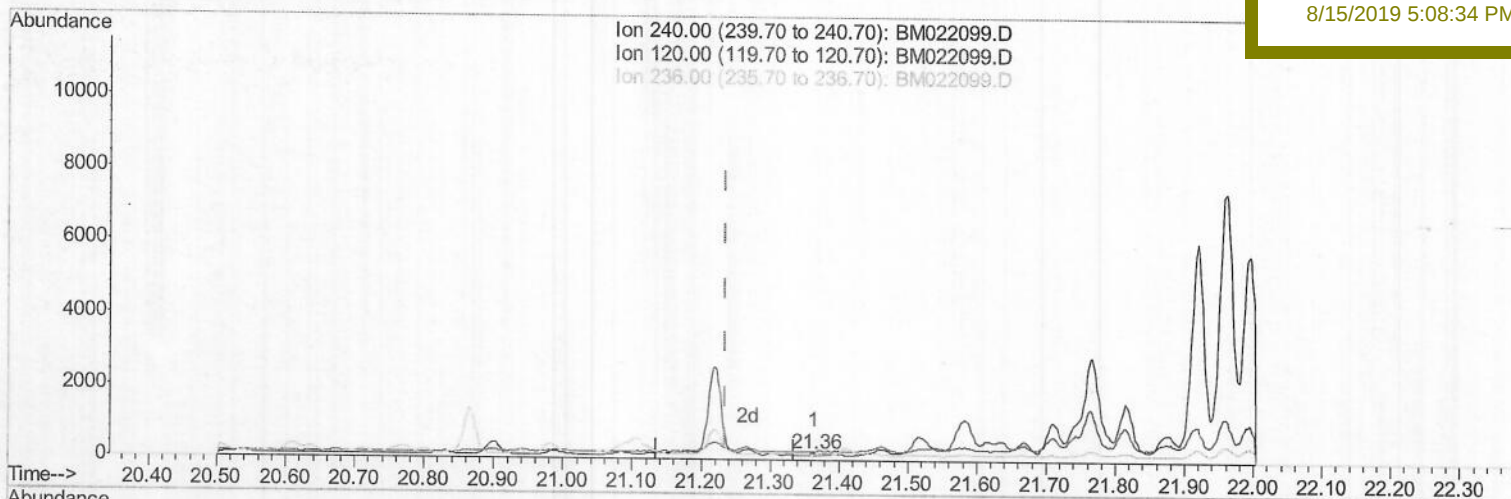
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
8/15/2019 5:08:34 PM

(16) Chrysene-d12 (I)

21.365min (+0.128) 0.40ng/ul

response 84

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	126.15#
236.00	32.30	82.05#
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 13:58:21 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 08:16:48 2019

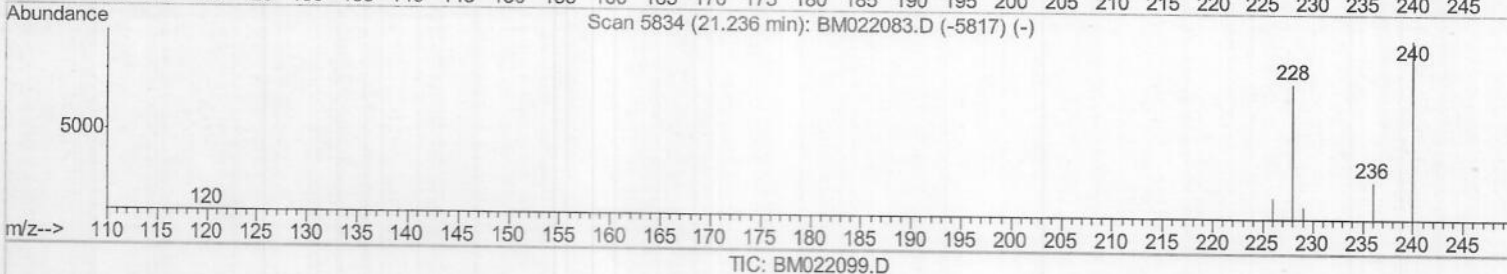
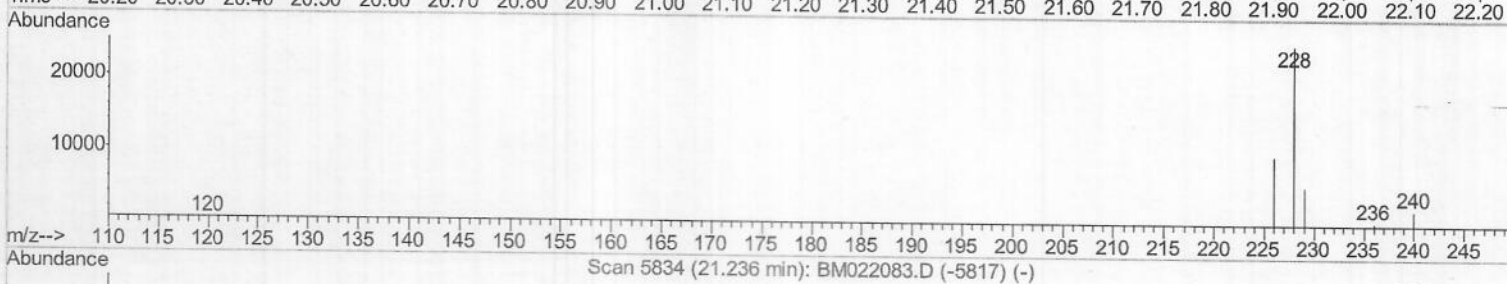
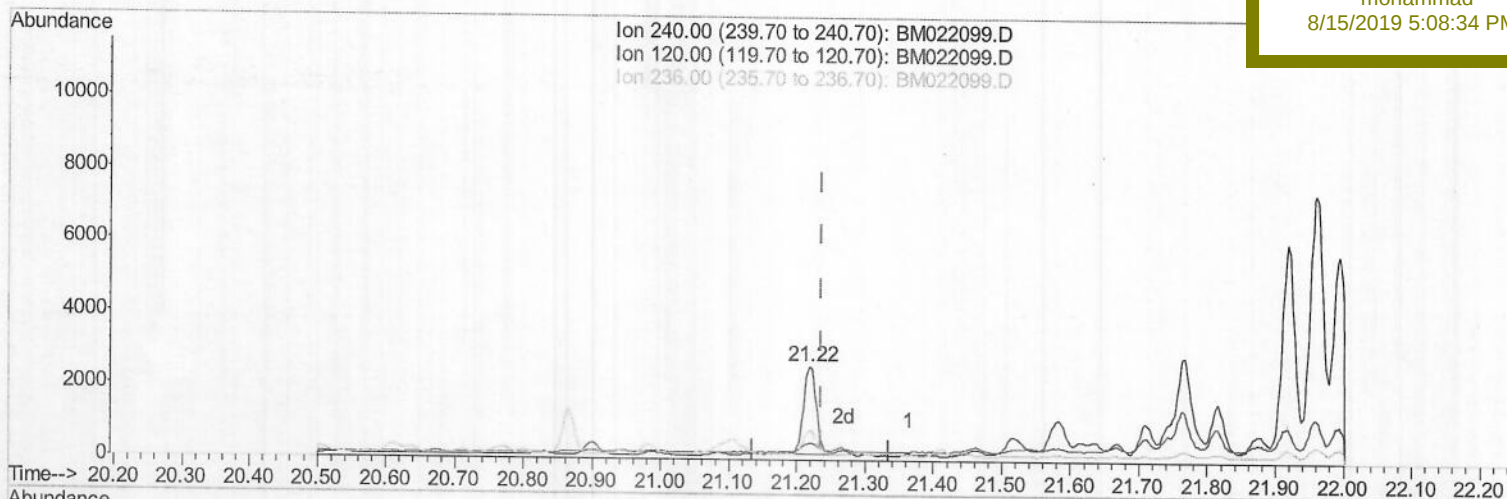
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
APPROVEDmohammad
8/15/2019 5:08:34 PM

(16) Chrysene-d12 (I)

21.219min (-0.017) 0.40ng/ul m) JU

response 3087

08/16/19

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	18.72
236.00	32.30	33.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:00:13 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

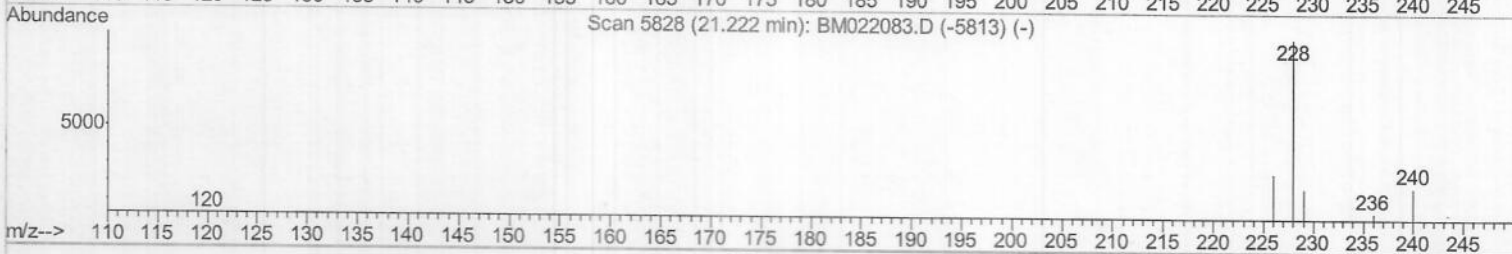
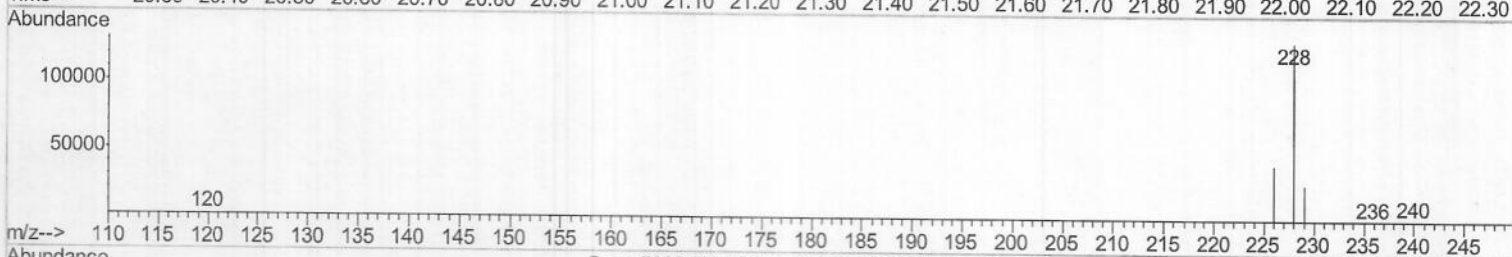
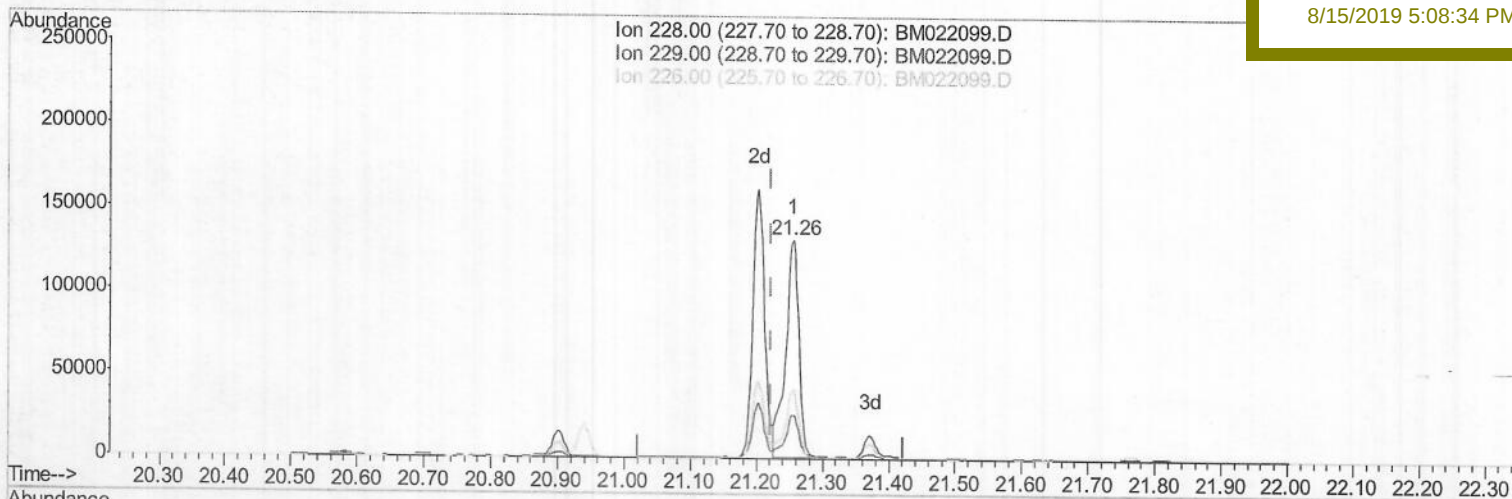
CB5N2

Manual Integrations

APPROVED

mohammad

8/15/2019 5:08:34 PM



(18) Benzo(a)anthracene

21.256min (+0.034) 17.07ng/ul

response 188469

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	19.79
226.00	28.30	31.08
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:00:13 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 08:16:48 2019

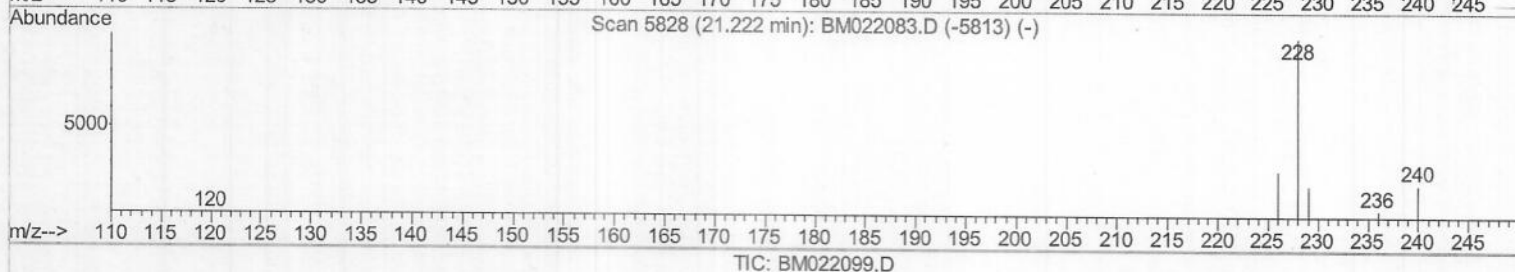
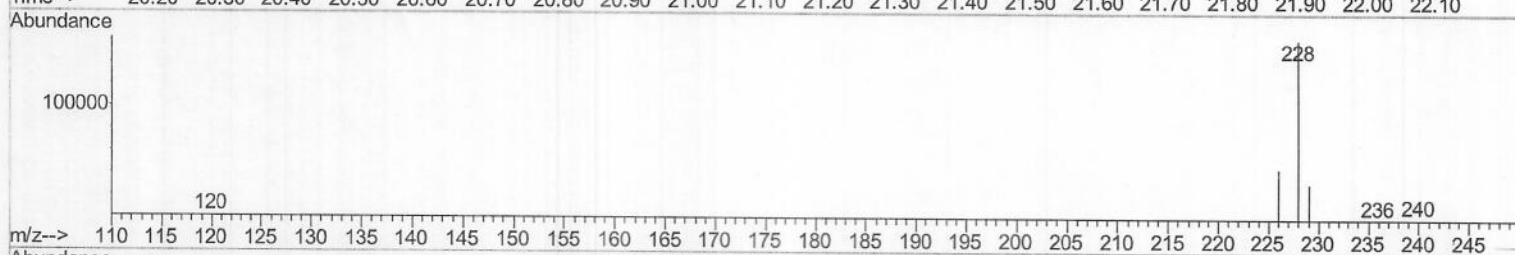
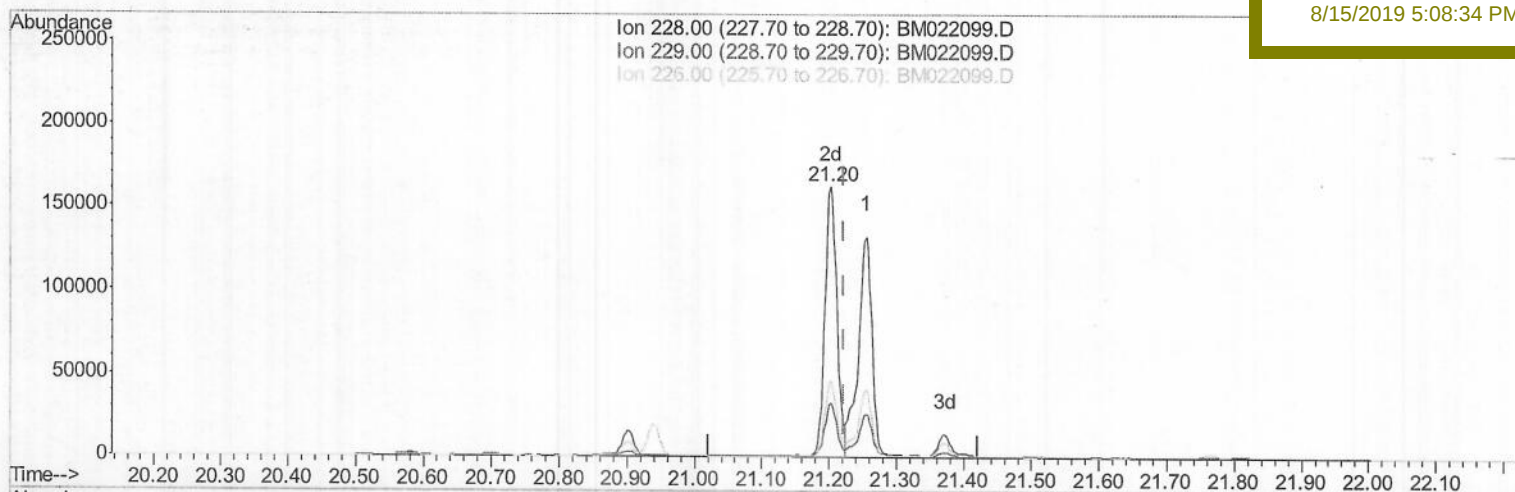
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
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8/15/2019 5:08:34 PM

(18) Benzo(a)anthracene

21.203min (-0.019) 18.32ng/ul m) JU
08/16/19

response 202305

Ion	Exp%	Act%
228.00	100	100
229.00	21.50	20.31
226.00	28.30	28.44
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:00:13 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

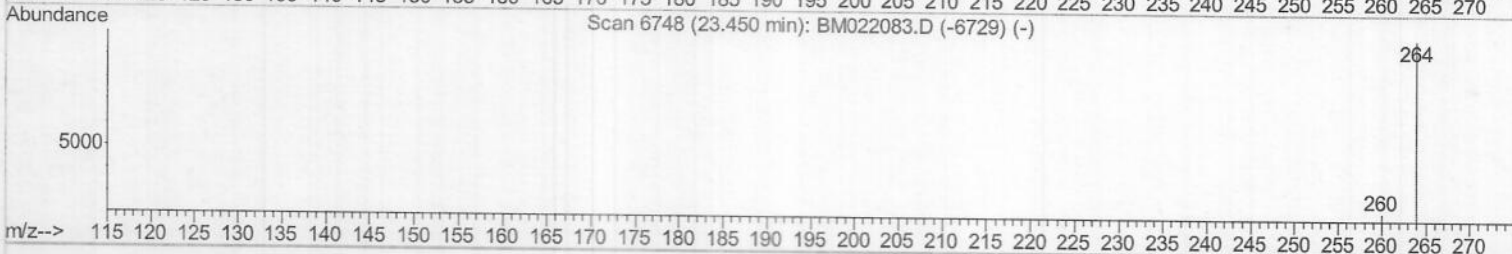
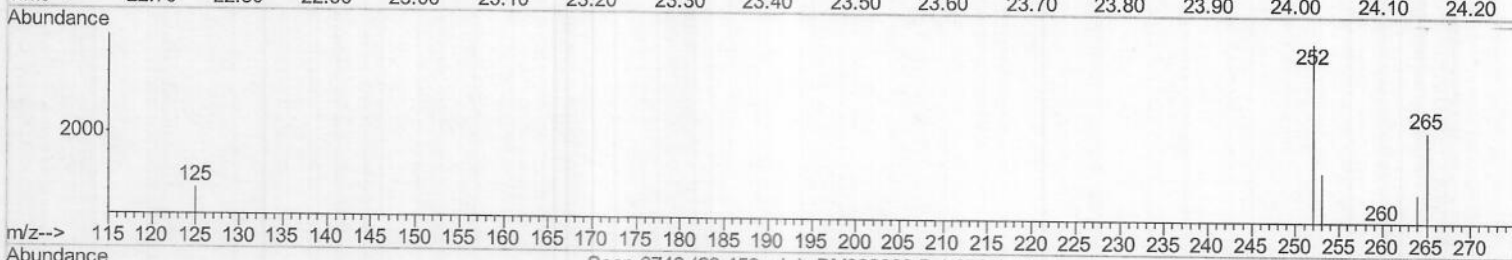
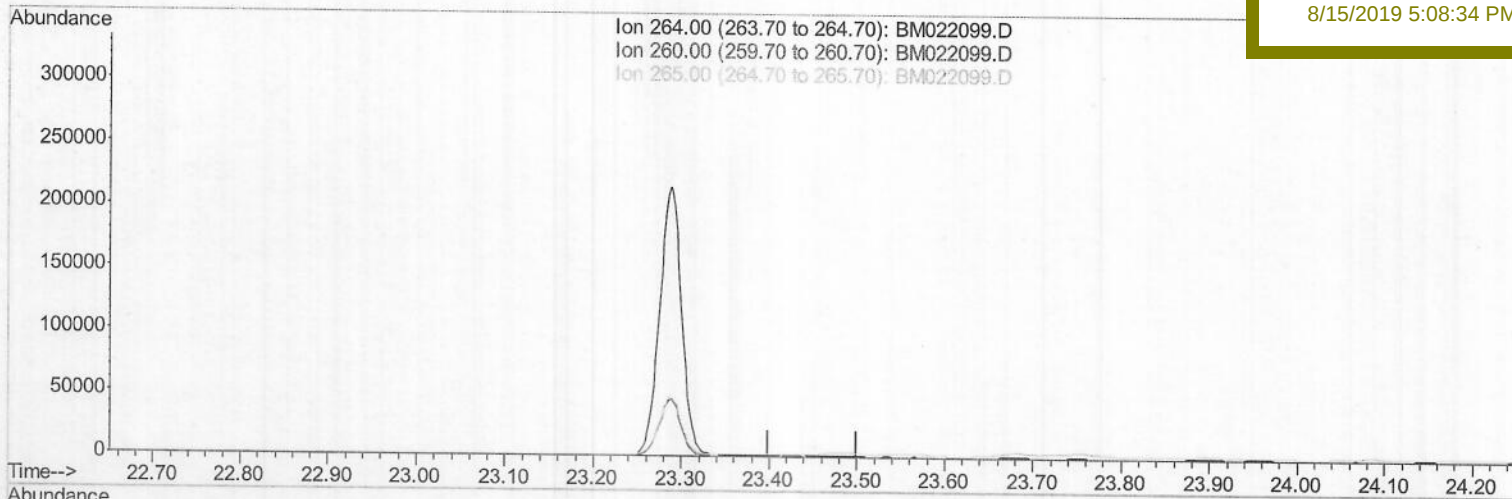
CB5N2

Manual Integrations

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TIC: BM022099.D

(20) Perylene-d12 (I)

23.450min (-23.450) 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

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:00:13 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 08:16:48 2019

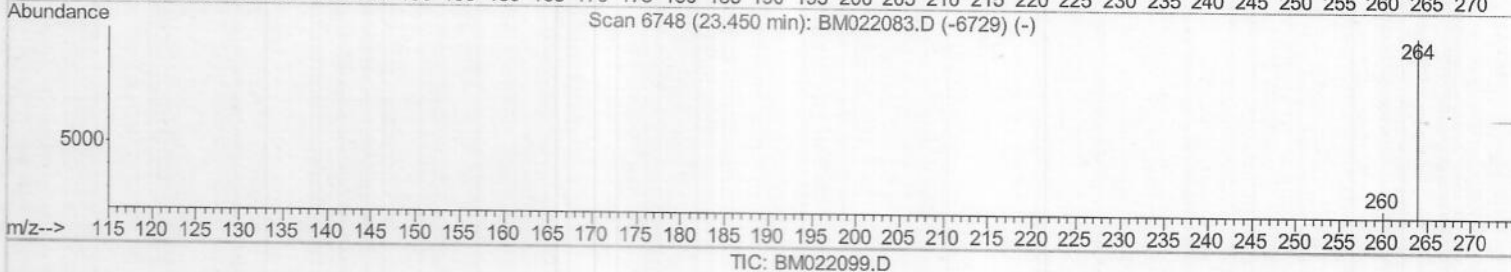
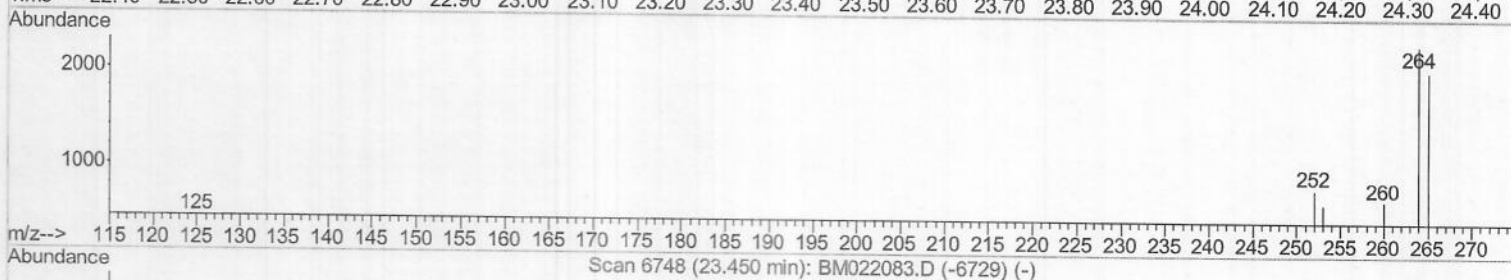
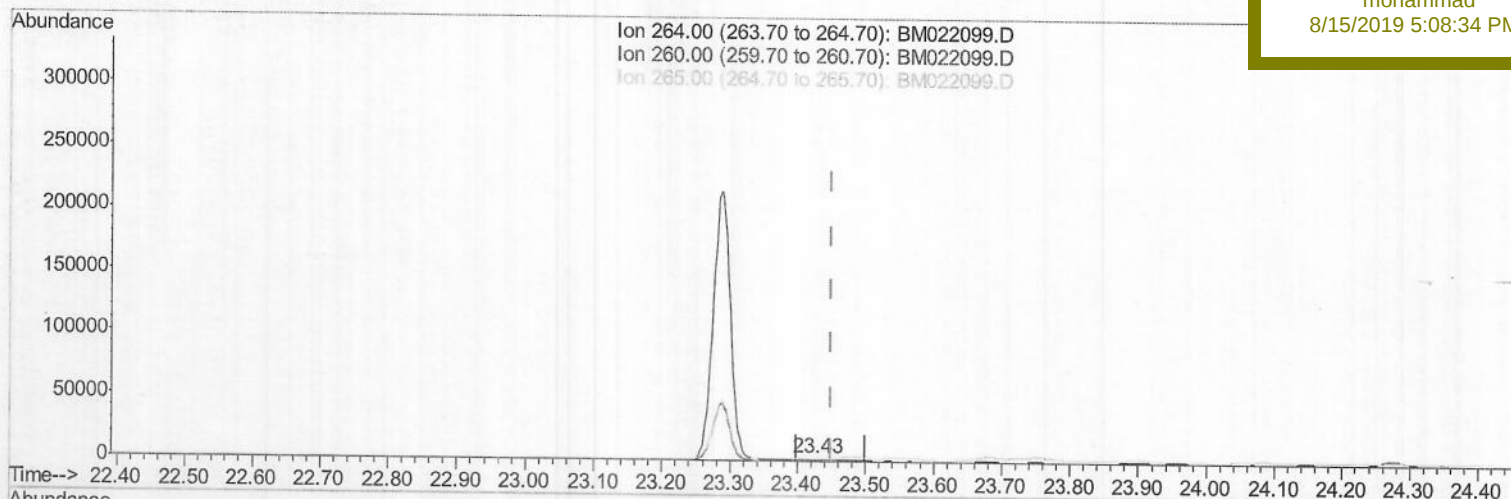
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
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(20) Perylene-d12 (I)

23.426min (-0.024) 0.40ng/ul m) JU

response 3078

08/16/19

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	29.56
265.00	117.00	88.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

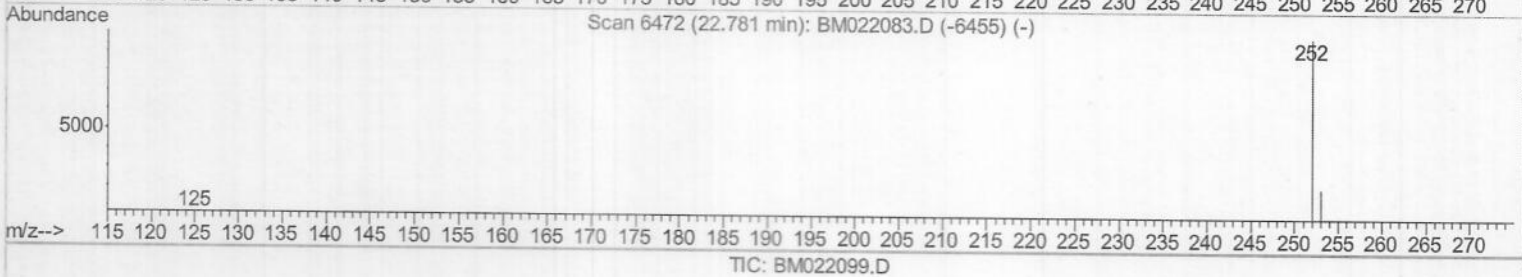
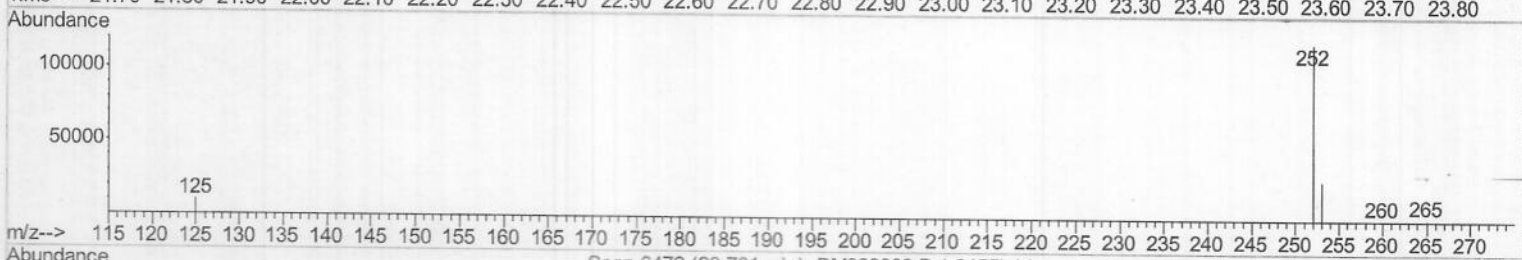
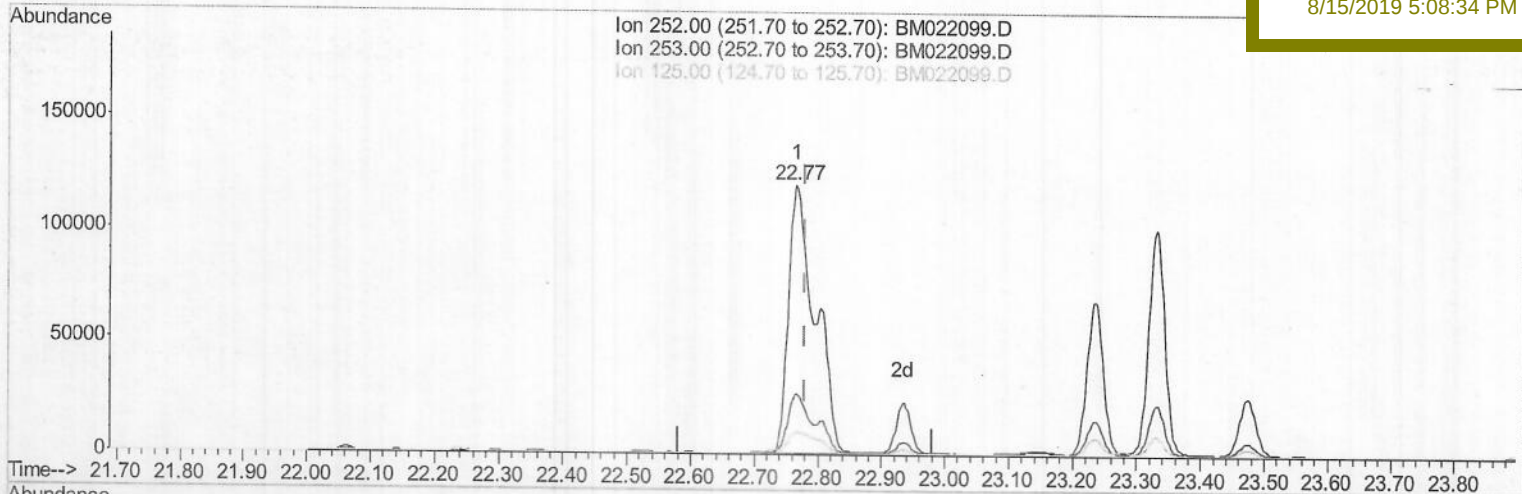
CB5N2

Manual Integrations

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(21) Benzo(b)fluoranthene

22.767min (-0.014) 33.44ng/ul

response 347120

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.12
125.00	15.50	8.17
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

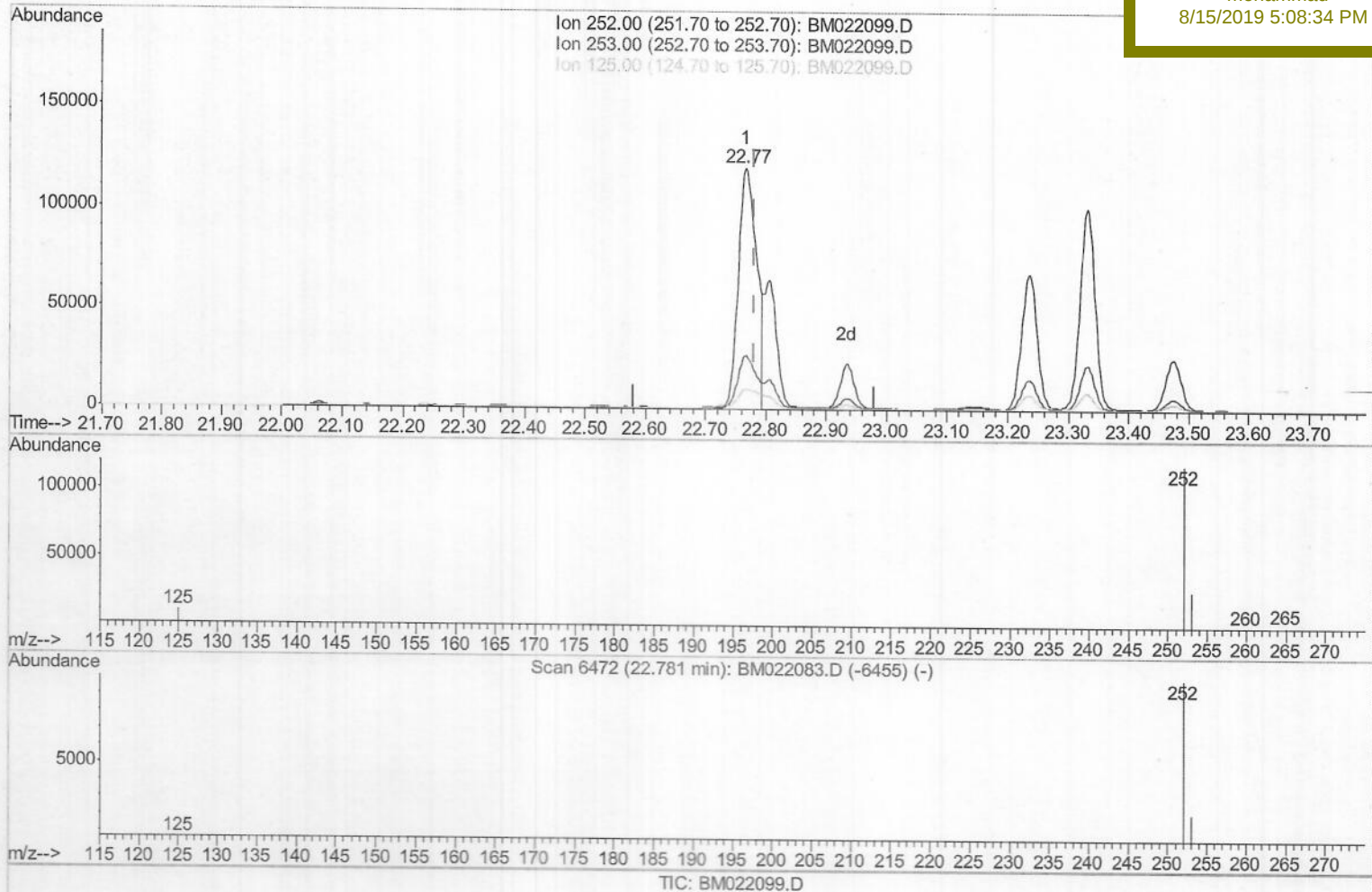
ClientSampleId :

CB5N2

Manual Integrations
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(21) Benzo(b)fluoranthene

22.767min (-0.014) 24.42ng/ul m) JU
08/16/19

response 253506

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.12
125.00	15.50	8.17
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

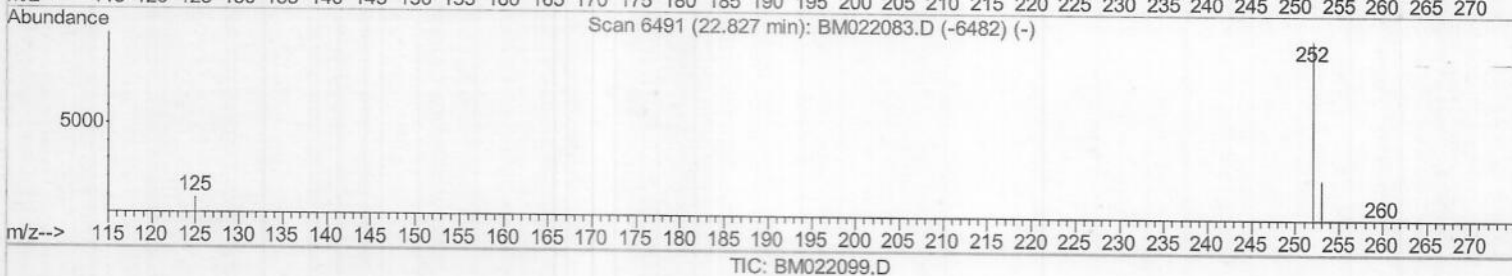
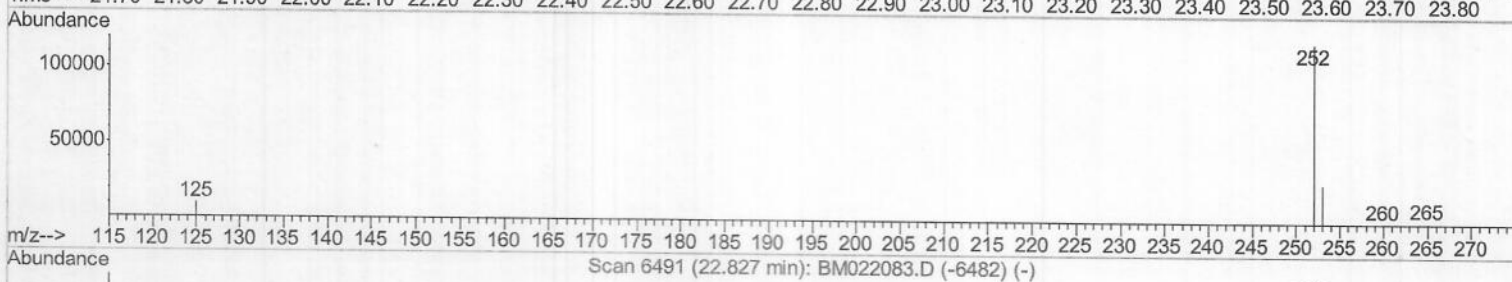
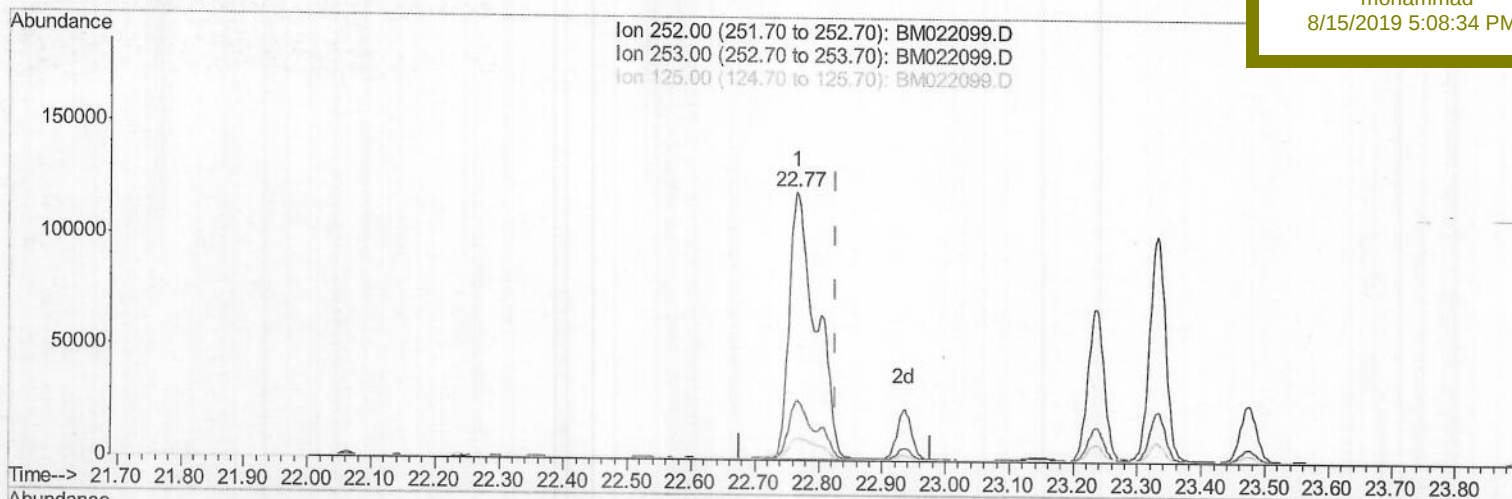
CB5N2

Manual Integrations

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(22) Benzo(k)fluoranthene

22.767min (-0.060) 29.55ng/ul

response 347120

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.12#
125.00	15.20	8.17#
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

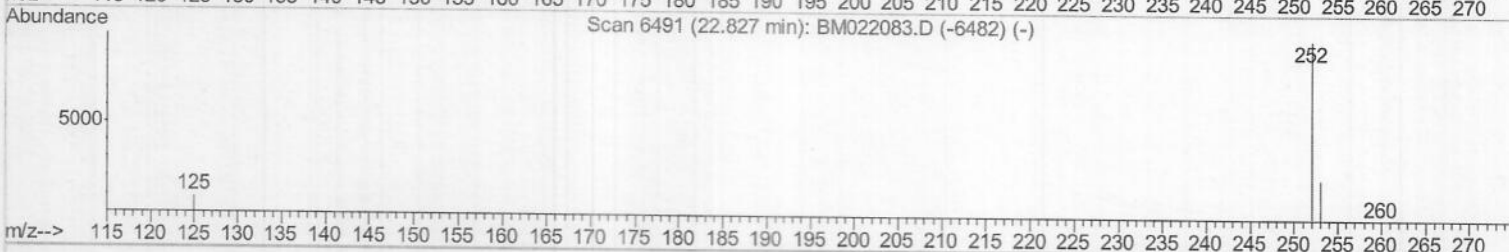
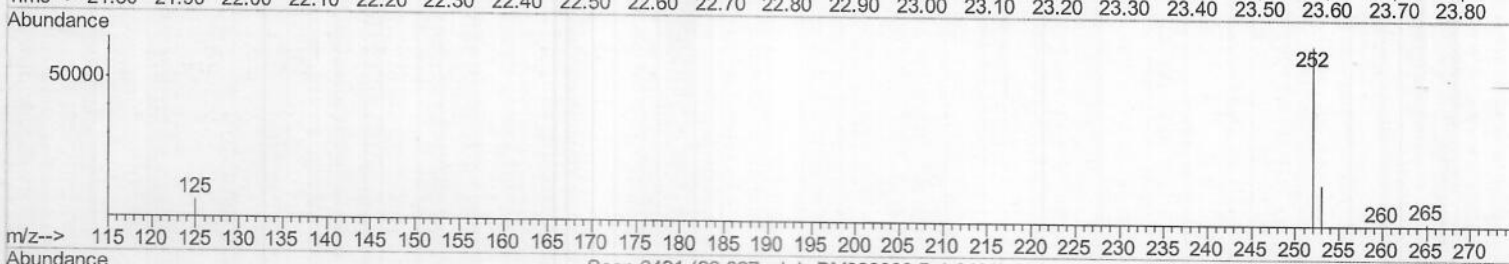
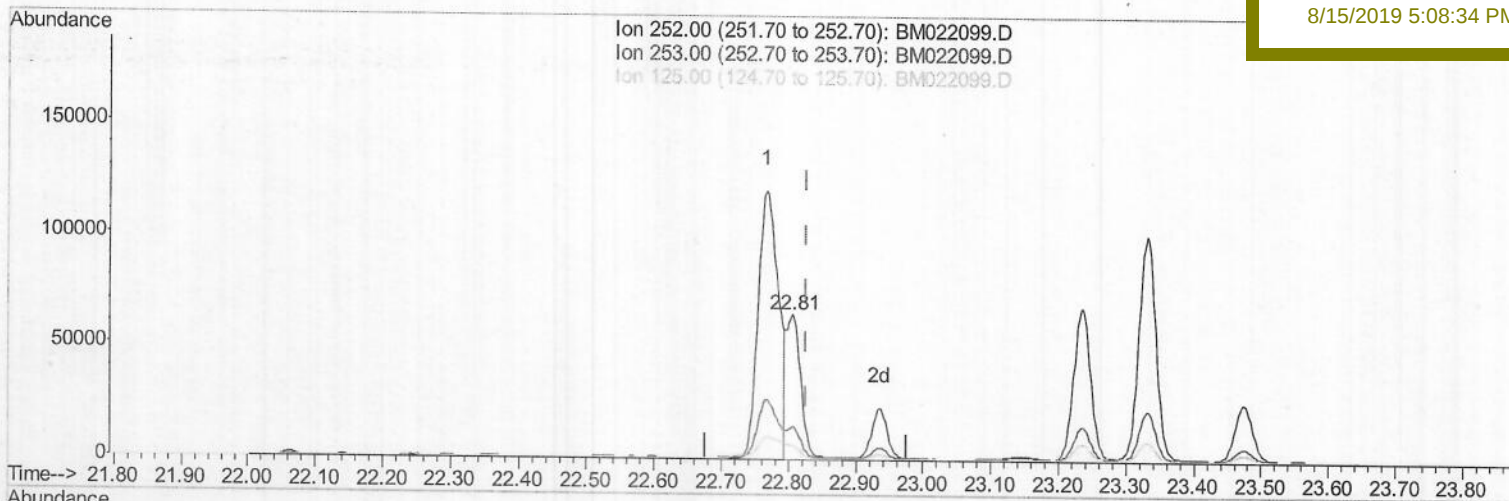
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

CB5N2

Manual Integrations
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(22) Benzo(k)fluoranthene

22.805min (-0.022) 8.45ng/ul m) JU
08/16/19

response 99217

Ion	Exp%	Act%
252.00	100	100
253.00	33.70	22.59#
125.00	15.20	9.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

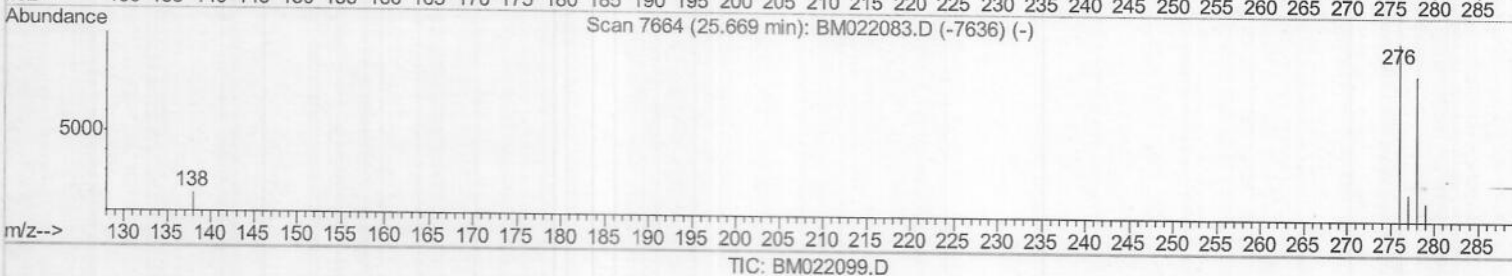
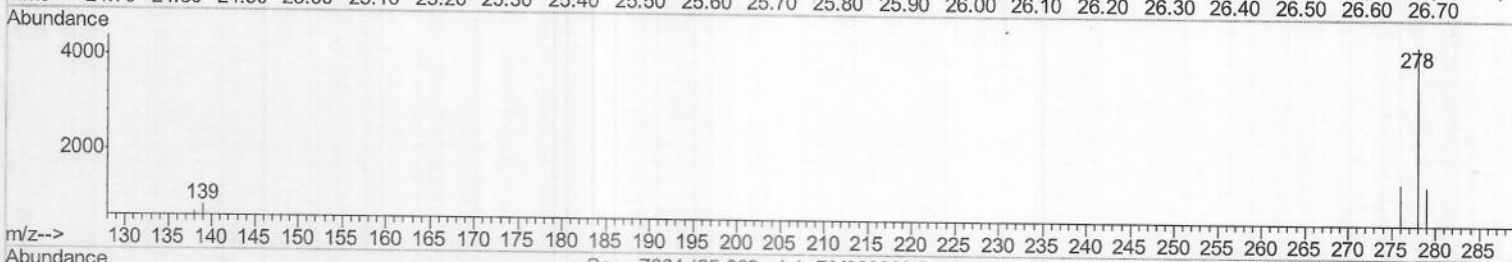
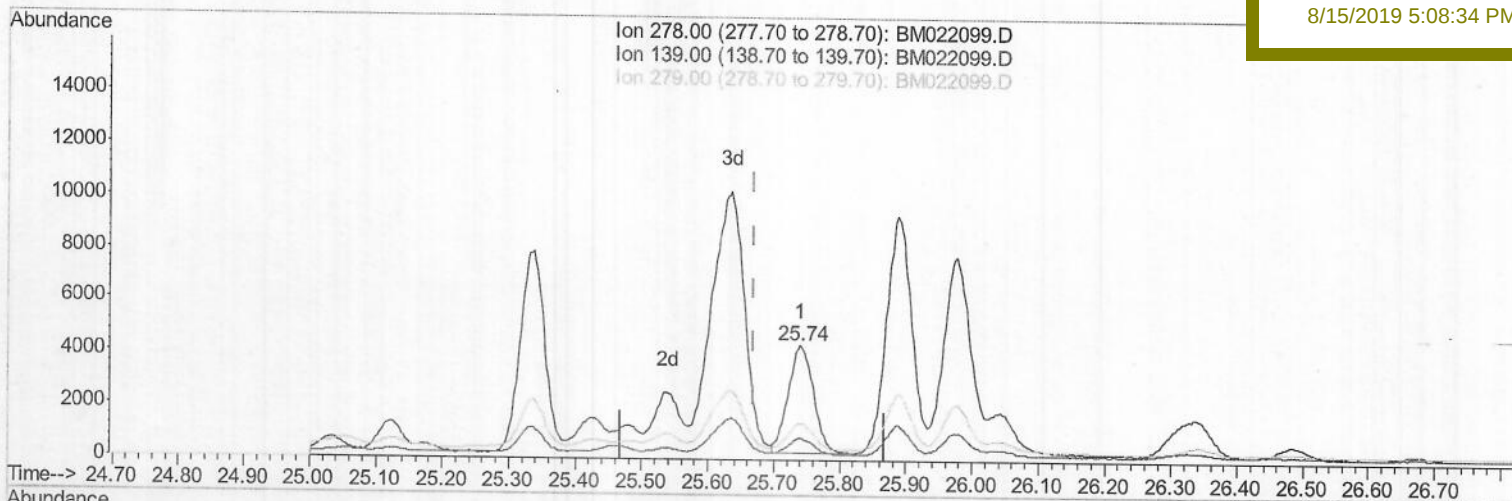
CB5N2

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(25) Dibenzo(a,h)anthracene

25.739min (+0.070) 1.07ng/ul

response 10897

Ion	Exp%	Act%
278.00	100	100
139.00	17.70	18.86
279.00	35.40	32.41
0.00	0.00	0.00

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

Data File : BM022099.D

Acq On : 14 Aug 2019 09:39

Operator : HP/JU

Sample : K4304-01

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 14 14:01:04 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 08:16:48 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

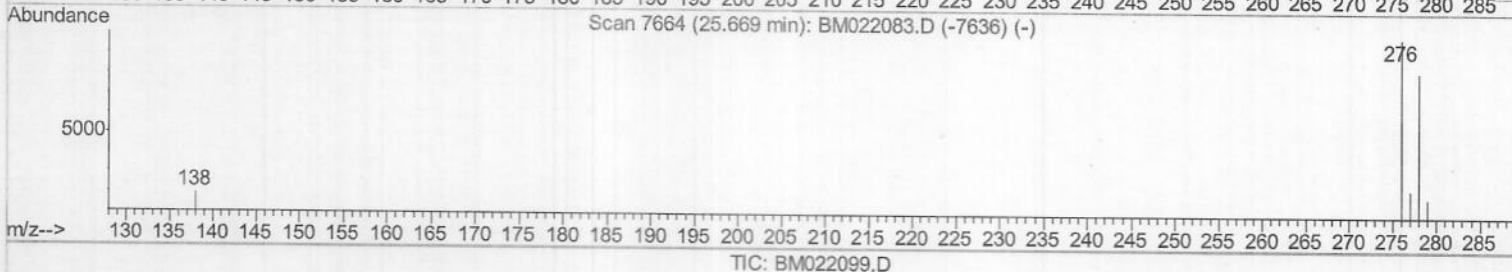
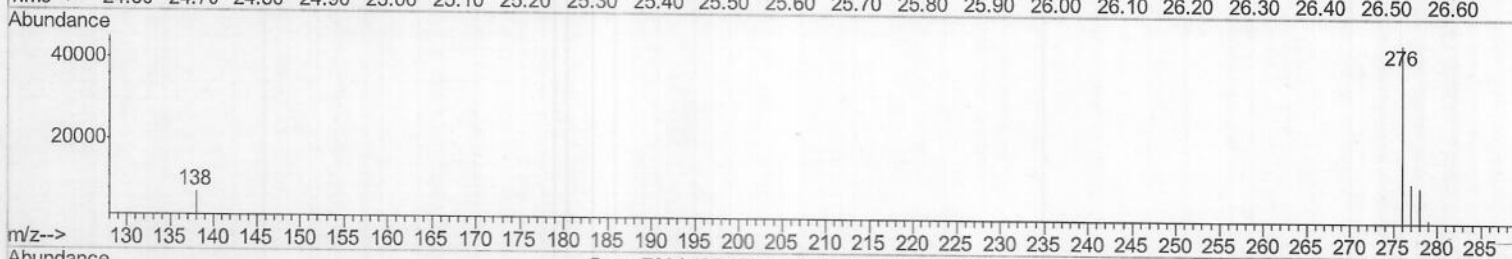
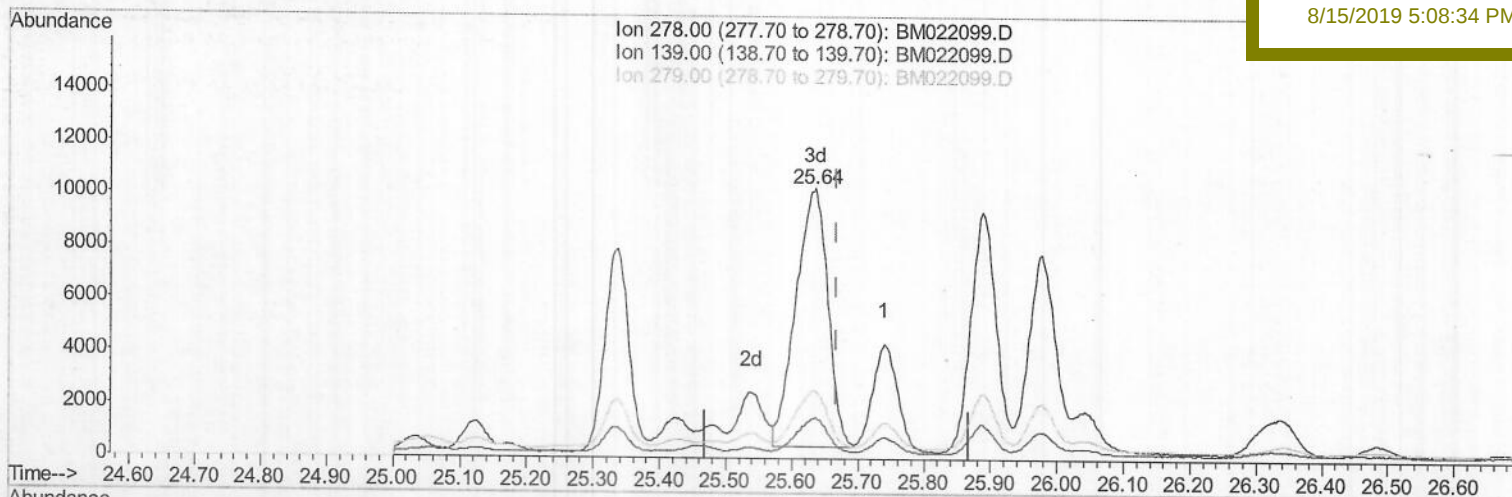
CB5N2

Manual Integrations

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(25) Dibenzo(a,h)anthracene

25.635min (-0.034) 3.25ng/ul m

response 33112

Ion Exp% Act%

278.00 100 100

139.00 17.70 15.55

279.00 35.40 25.46#

0.00 0.00 0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081219\
 Data File : BM022099.D
 Acq On : 14 Aug 2019 09:39
 Operator : HP/JU
 Sample : K4304-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB5N2

Quant Time: Aug 14 14:02:23 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 08:16:48 2019
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	582	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.38	136	2340	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.25	164	1291	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.01	188	2984m)	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	3087m)	0.40	ng/ul	-0.02
20) Perylene-d12	23.43	264	3078m)	0.40	ng/ul	-0.02

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 08/16/19

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

4) 2-Methylnaphthalene-d10	11.98	152	1750	0.45	ng/ul	-0.05
14) Fluoranthene-d10	19.05	212	4633m)	0.46	ng/ul	-0.03

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 08/16/19

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.43	128	13339	2.018	ng/ul#	93
5) 2-Methylnaphthalene	12.06	142	5215	1.184	ng/ul	97
7) Acenaphthylene	13.98	152	7750	1.287	ng/ul#	82
8) Acenaphthene	14.32	153	13502	2.741	ng/ul	96
9) Fluorene	15.31	166	13944	2.548	ng/ul	99
12) Phenanthrene	17.05	178	236190m)	27.203	ng/ul	
13) Anthracene	17.14	178	50374m)	6.801	ng/ul	
15) Fluoranthene	19.08	202	399503m)	34.349	ng/ul	
17) Pyrene	19.45	202	332333	26.198	ng/ul	97
18) Benzo(a)anthracene	21.20	228	202305m)	18.321	ng/ul	
19) Chrysene	21.26	228	186886	13.160	ng/ul	99
21) Benzo(b)fluoranthene	22.77	252	253506m)	24.424	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	99217m)	8.447	ng/ul	
23) Benzo(a)pyrene	23.33	252	174489	16.531	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.63	276	118486	9.401	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.64	278	33112m)	3.250	ng/ul	
26) Benzo(g,h,i)perylene	26.31	276	97047	8.553	ng/ul	95

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