

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:43:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

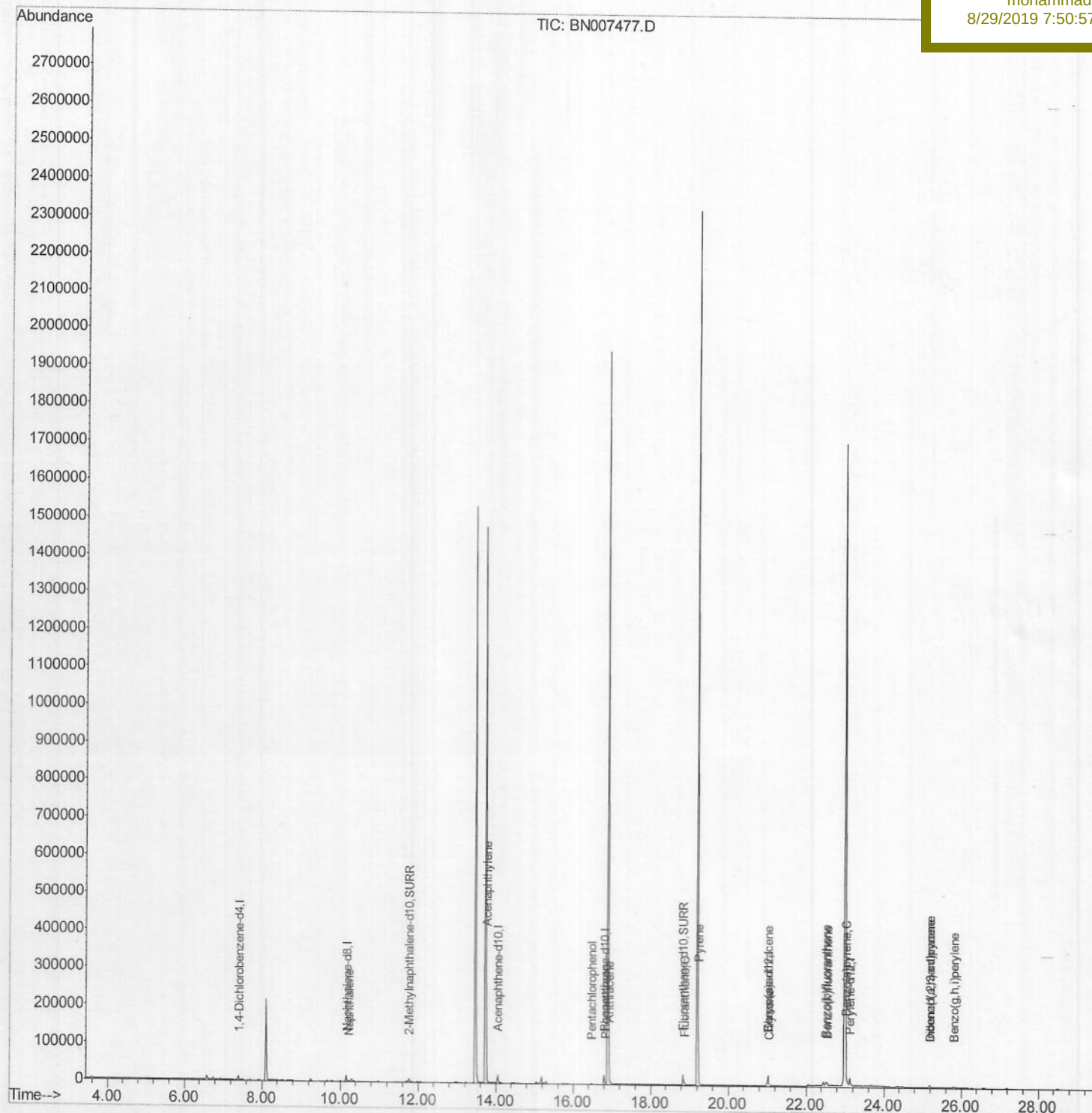
C0AC0

Manual Integrations

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mohammad

8/29/2019 7:50:57 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:03:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

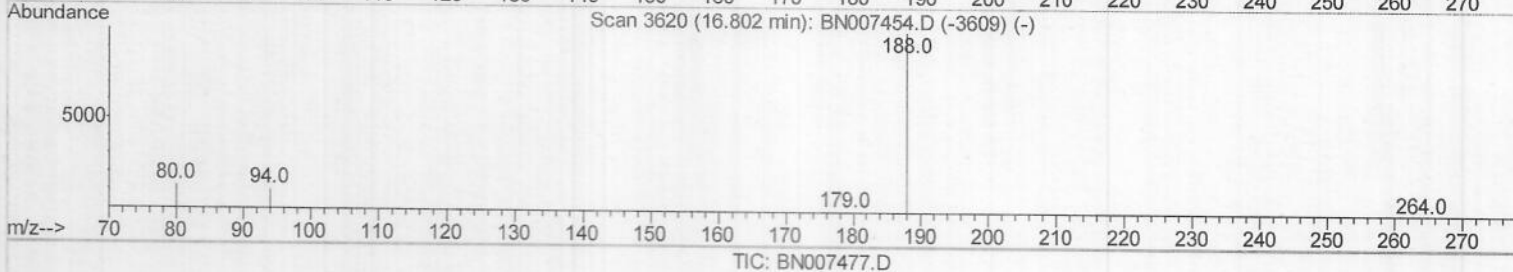
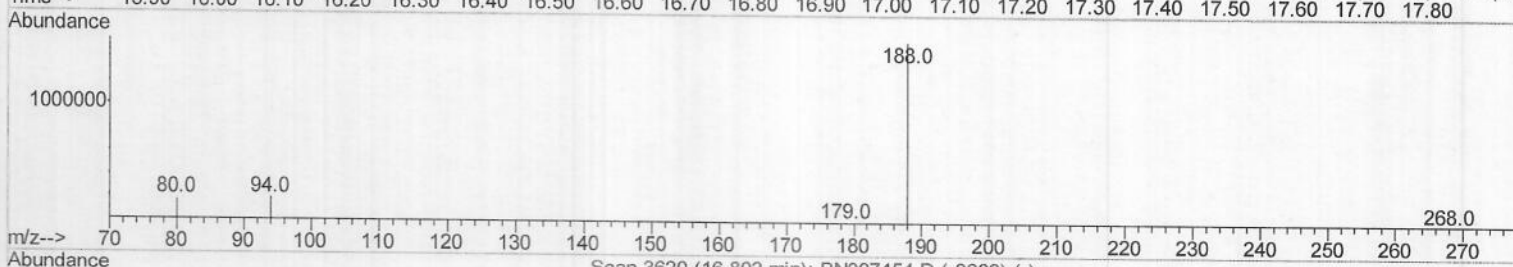
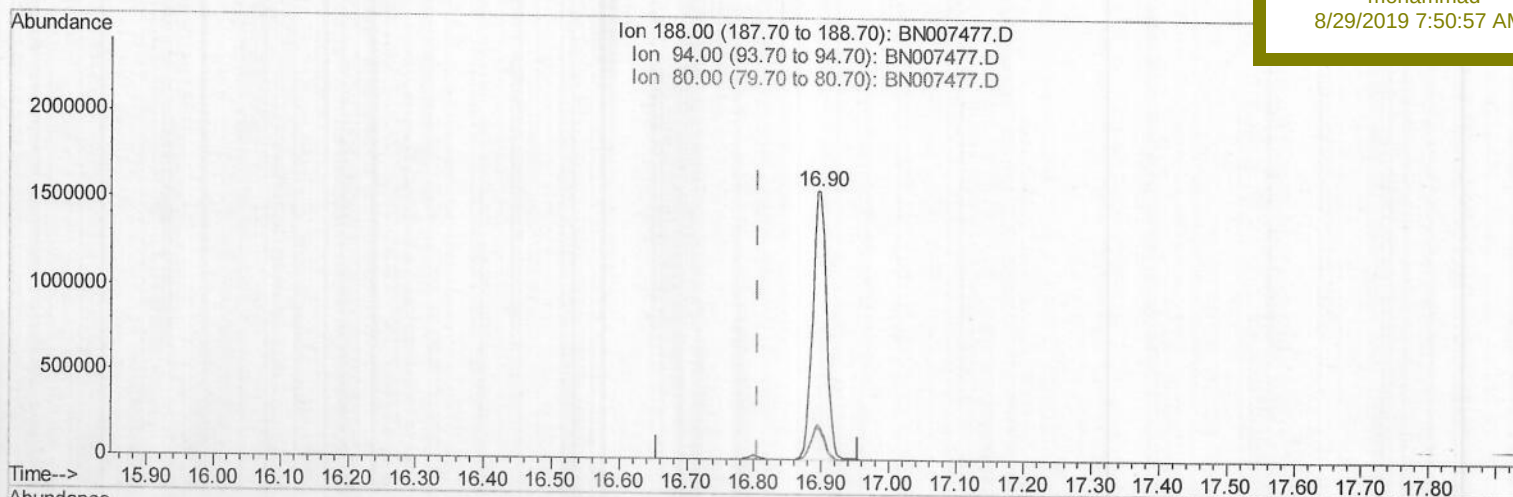
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



(10) Phenanthrene-d10 (I)

16.899min (+0.093) 0.40ng/ul

response 2269553

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.05
80.00	12.40	11.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:03:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

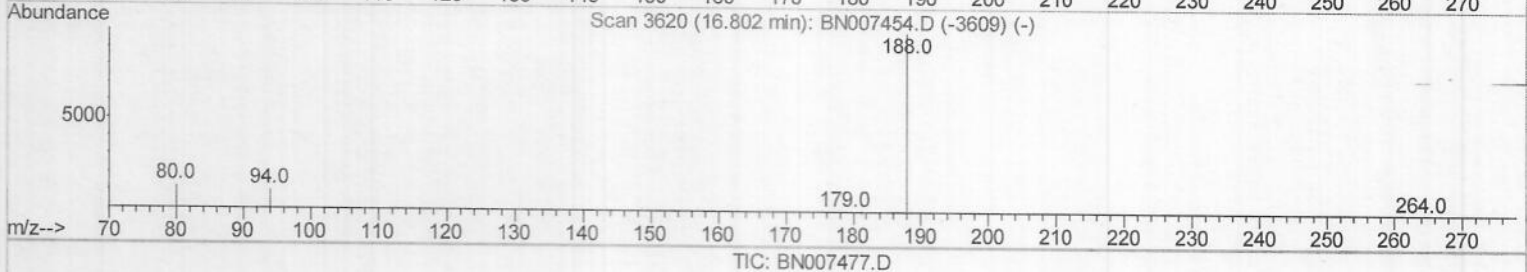
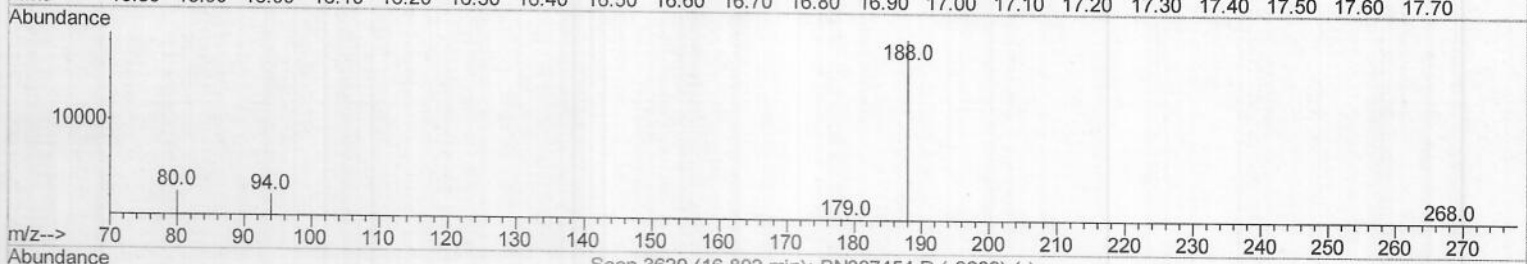
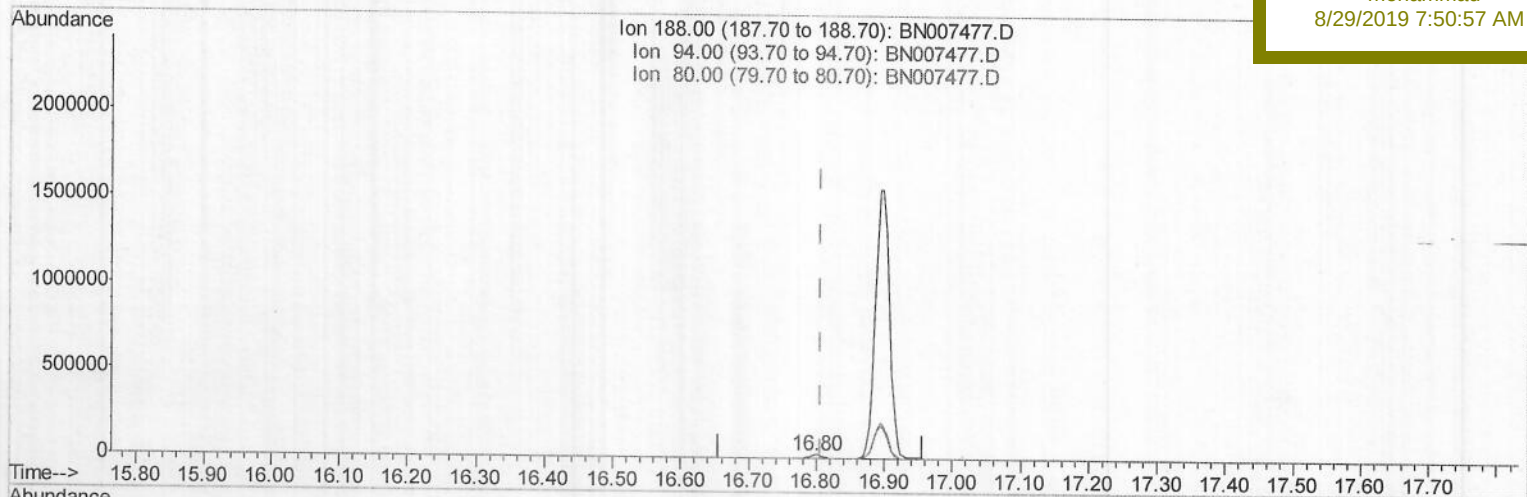
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



(10) Phenanthrene-d10 (I)

16.797min (-0.009) 0.40ng/ul m >JU

response 25998

08/29/19

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	11.72
80.00	12.40	13.34
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

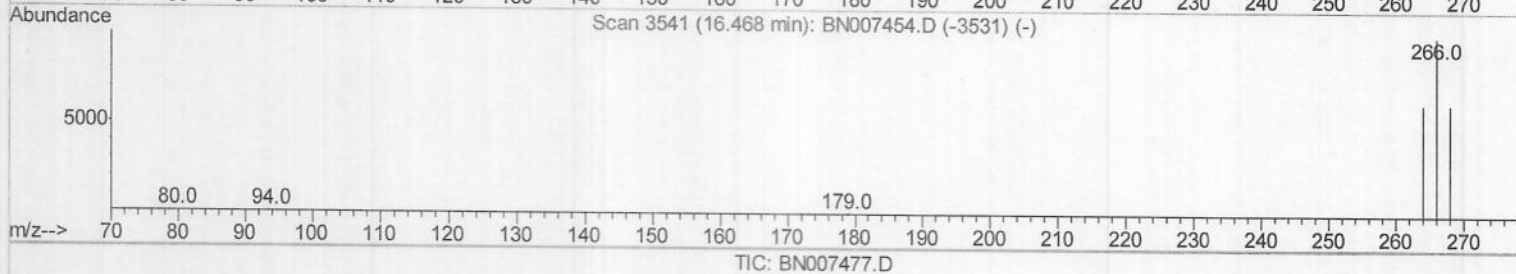
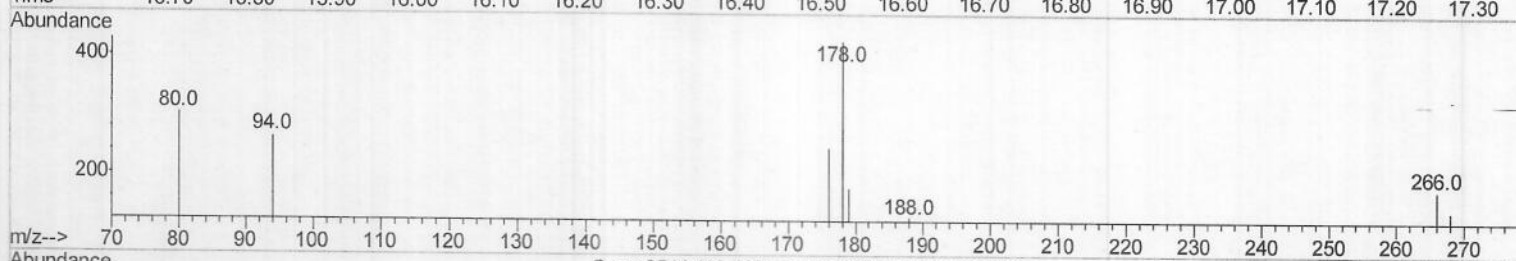
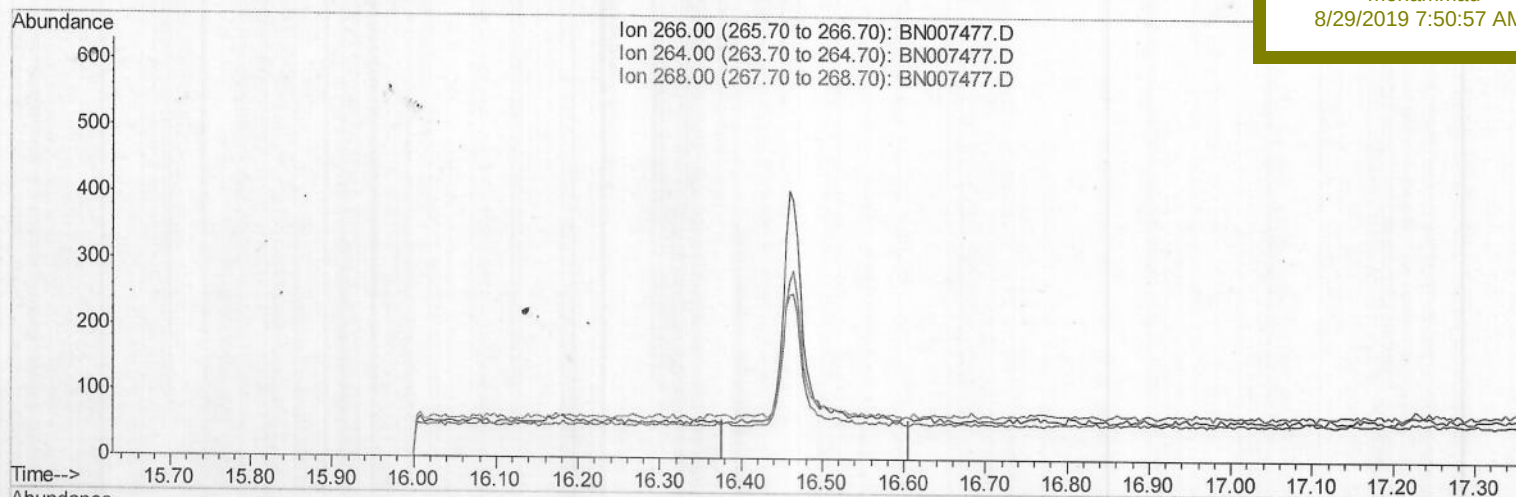
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(11) Pentachlorophenol

16.477min (-16.477) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	61.30	0.00#
268.00	62.70	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:22 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

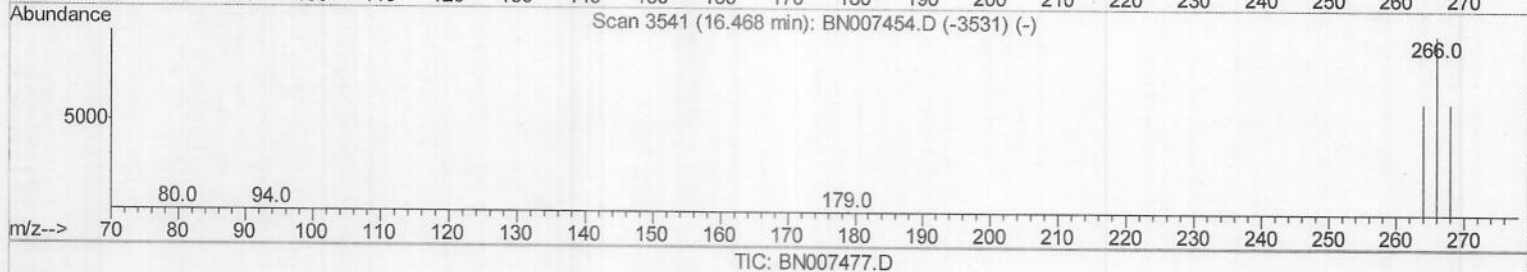
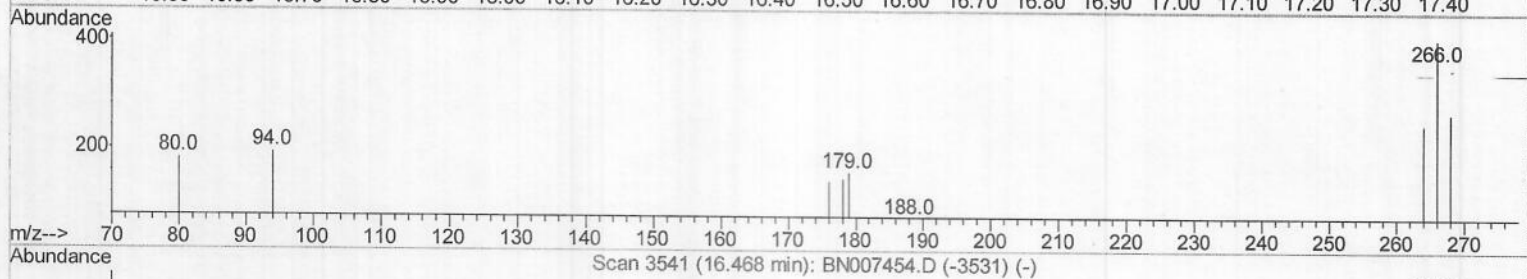
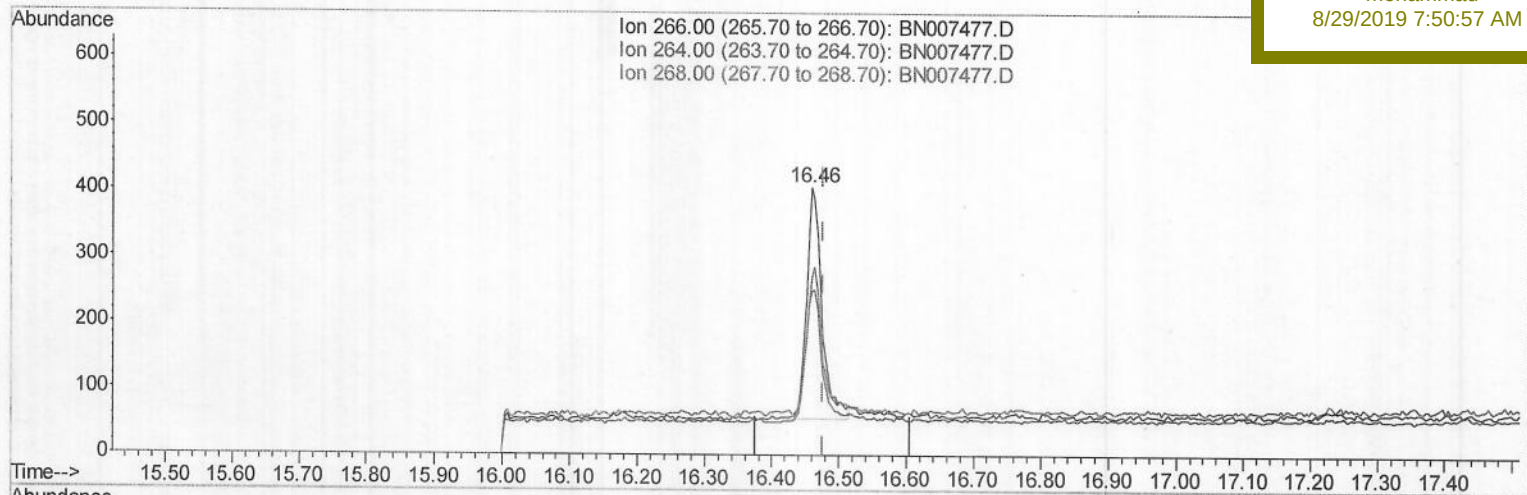
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



(11) Pentachlorophenol

16.460min (-0.017) 0.10ng/ul m

response 559

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	0.00#
268.00	62.70	0.00#
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

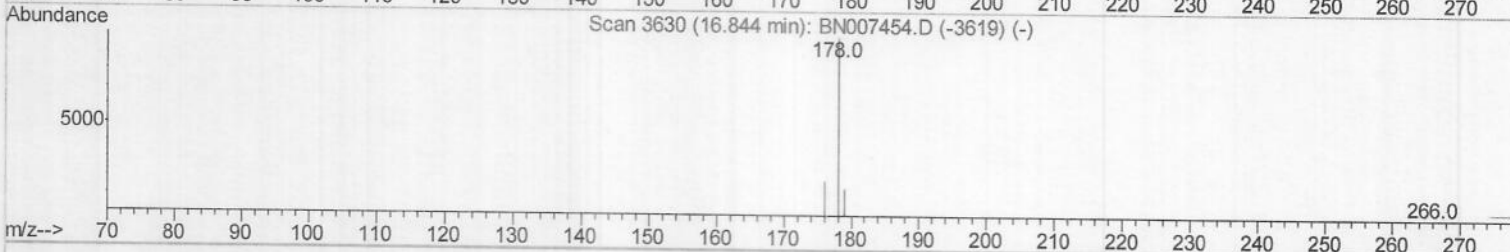
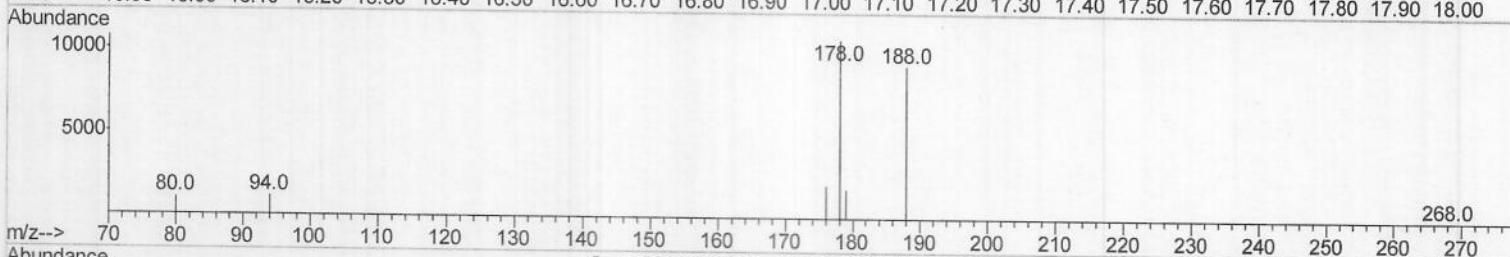
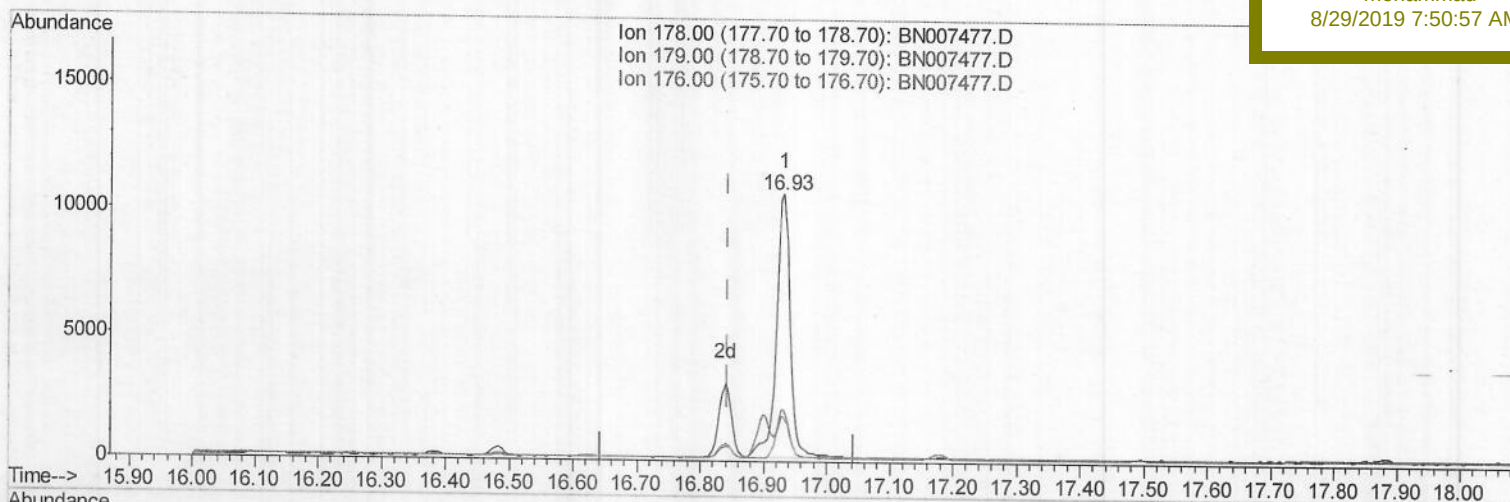
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



TIC: BN007477.D

(12) Phenanthrene

16.933min (+0.088) 0.20ng/ul

response 16499

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.58
176.00	19.00	18.94
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

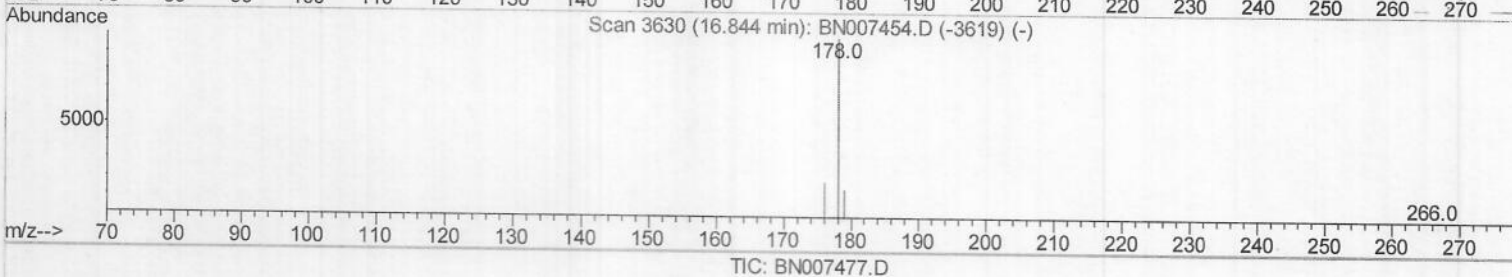
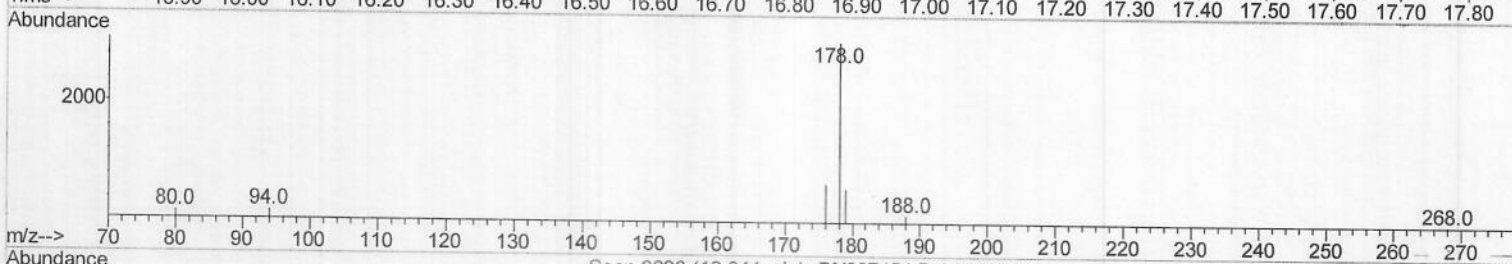
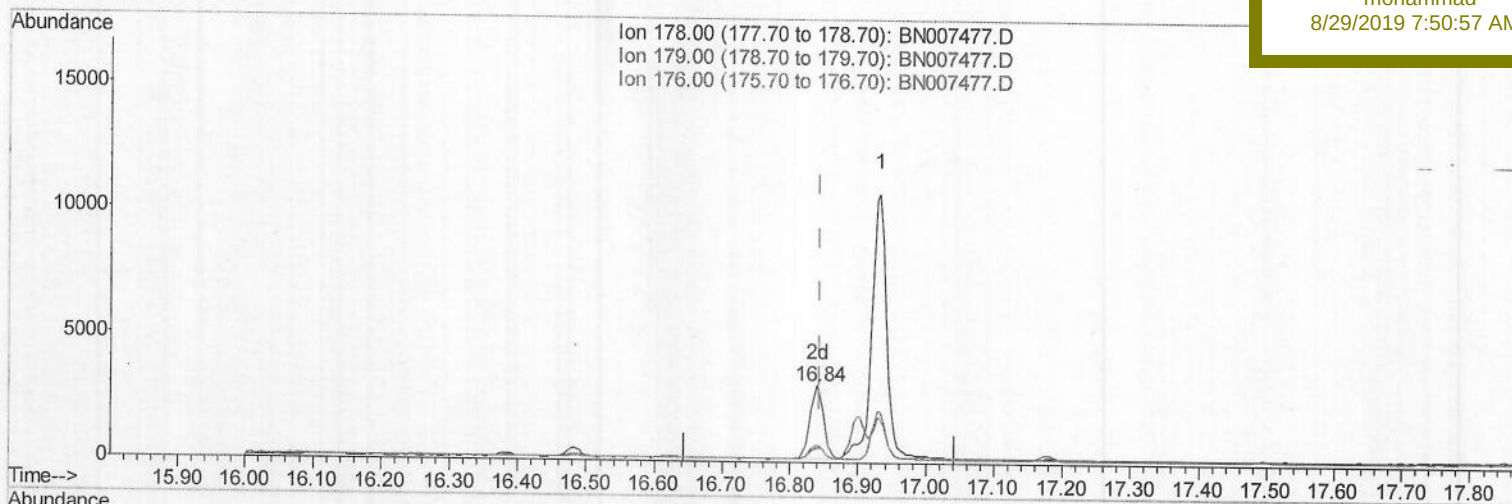
C0AC0

Manual Integrations

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mohammad

8/29/2019 7:50:57 AM



(12) Phenanthrene

16.840min (-0.004) 0.05ng/ul m >JU
08/29/19

response 4060

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	19.88#
176.00	19.00	22.75
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

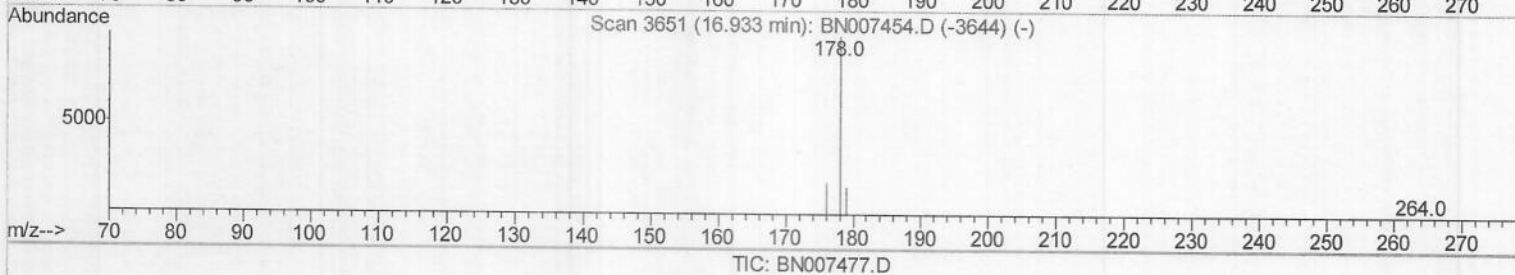
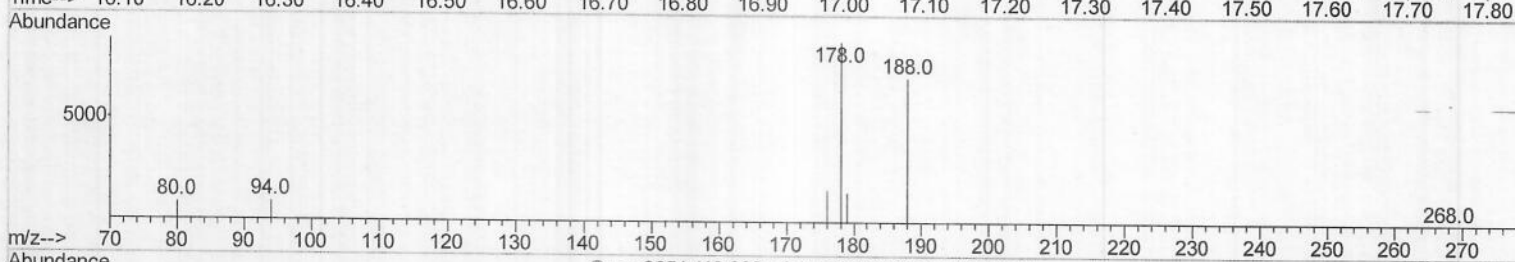
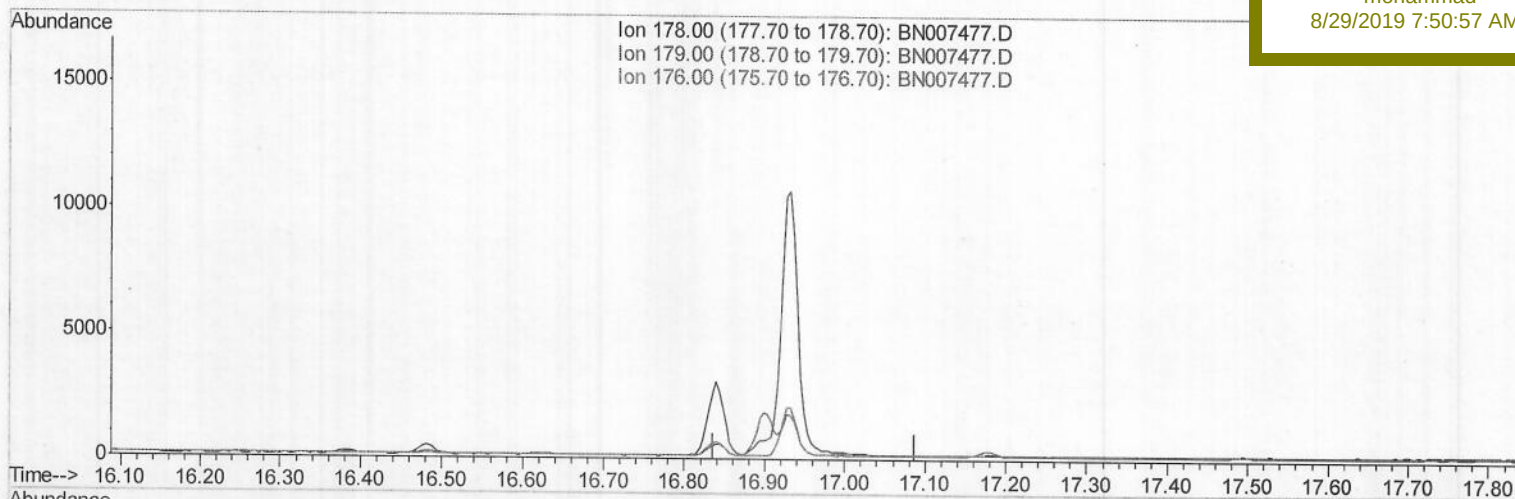
C0AC0

Manual Integrations

APPROVED

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8/29/2019 7:50:57 AM



(13) Anthracene

16.937min (-16.937) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	16.00	0.00#
176.00	18.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

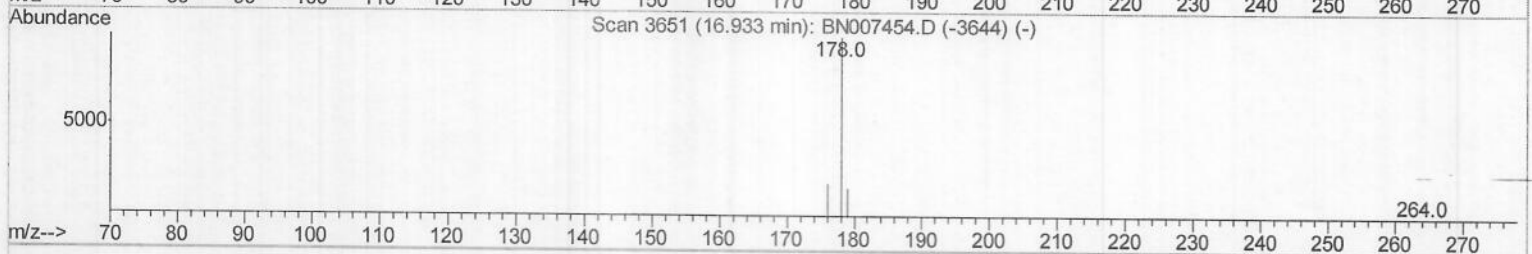
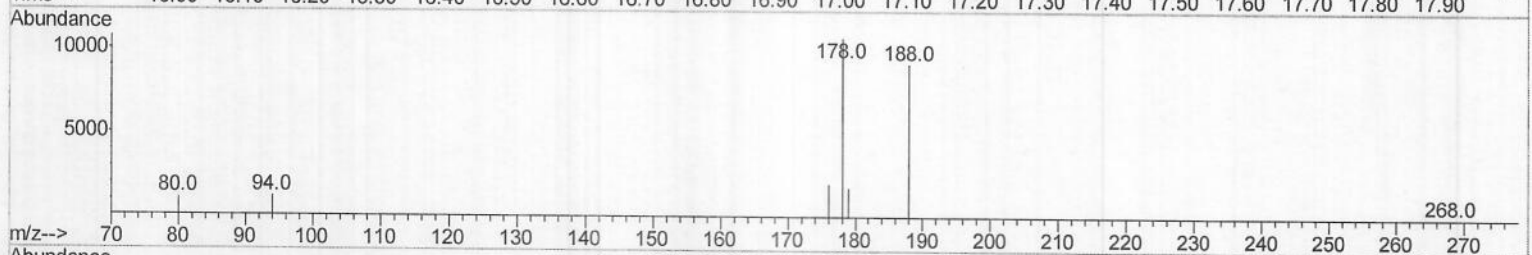
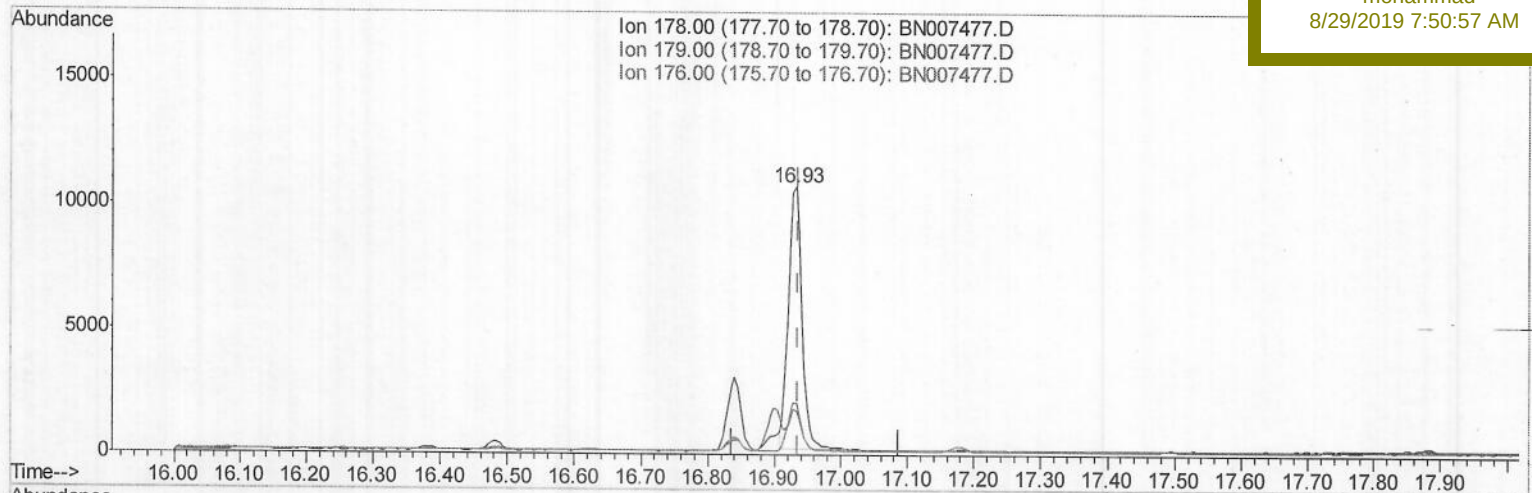
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



TIC: BN007477.D

(13) Anthracene

16.933min (-0.004) 0.20ng/ul m

response 15046

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	16.58
176.00	18.20	18.94
0.00	0.00	0.00

JU
08/29/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

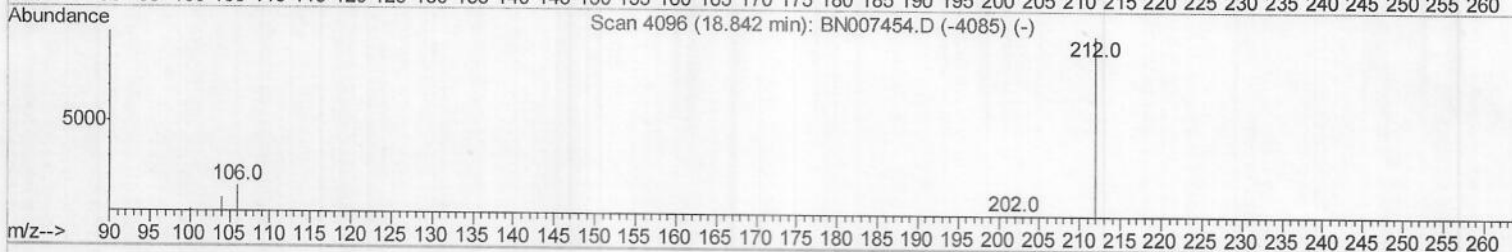
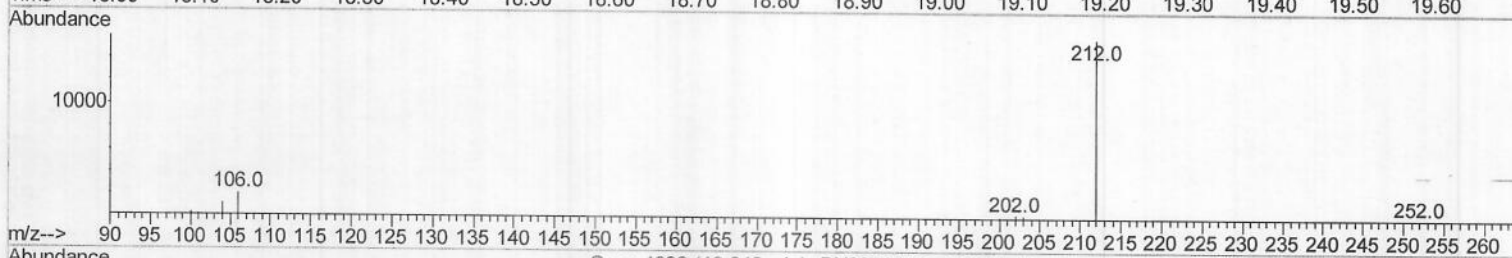
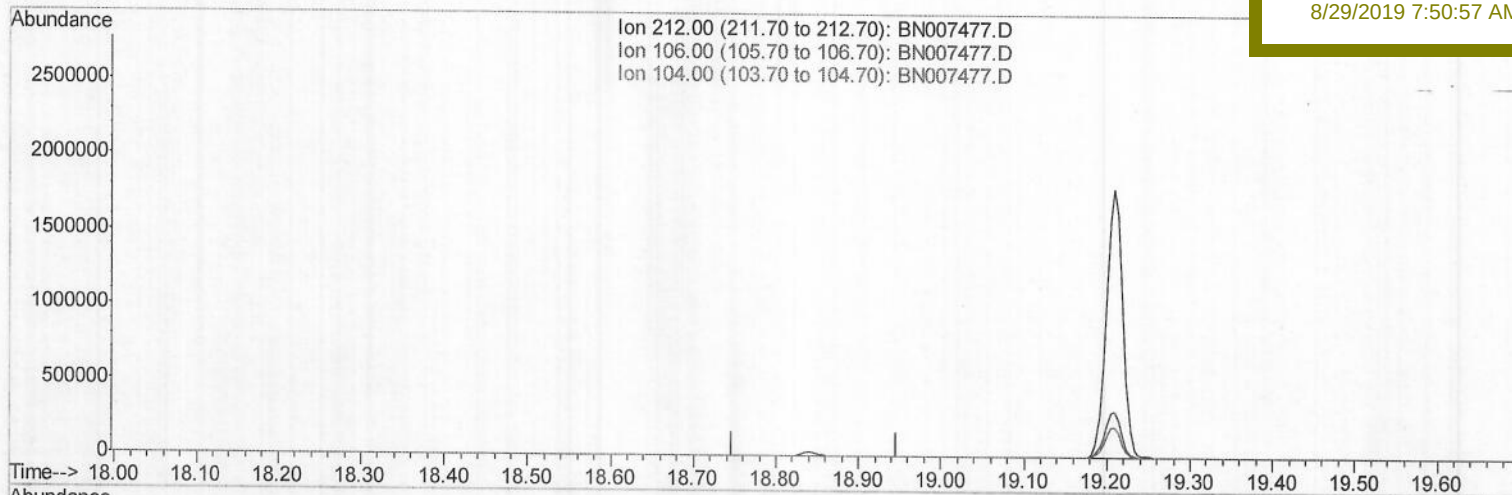
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



TIC: BN007477.D

(14) Fluoranthene-d10 (SURR)

18.847min (-18.847) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

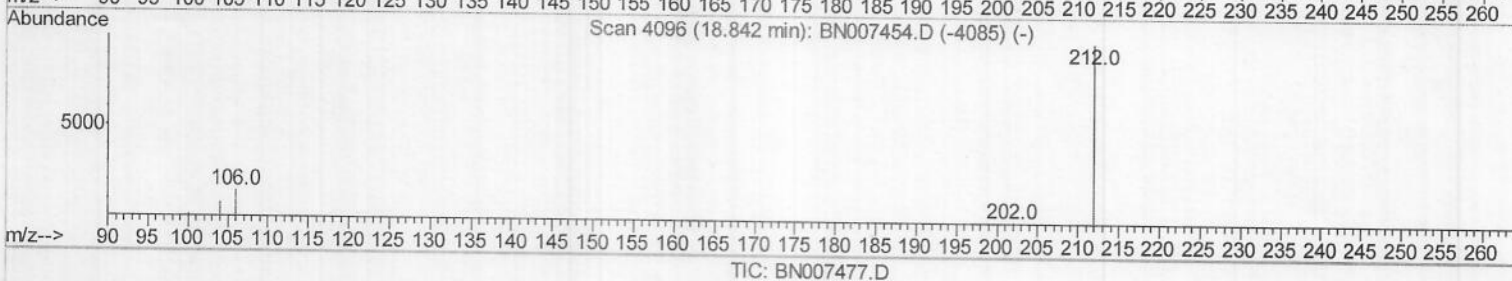
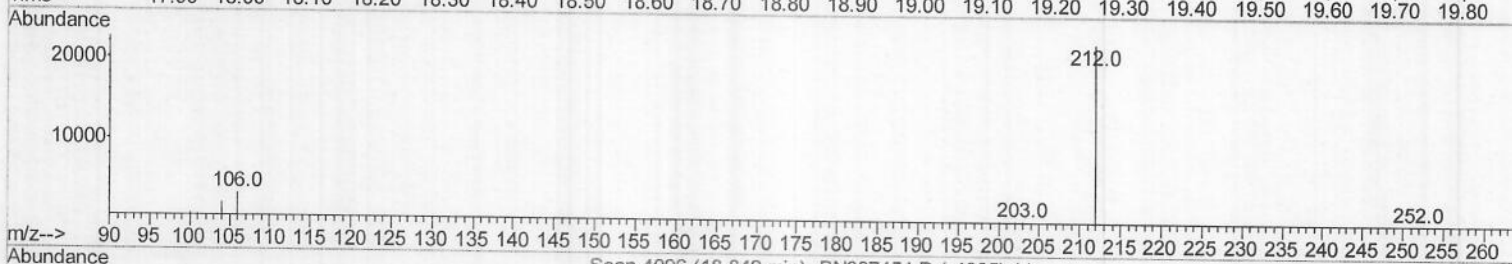
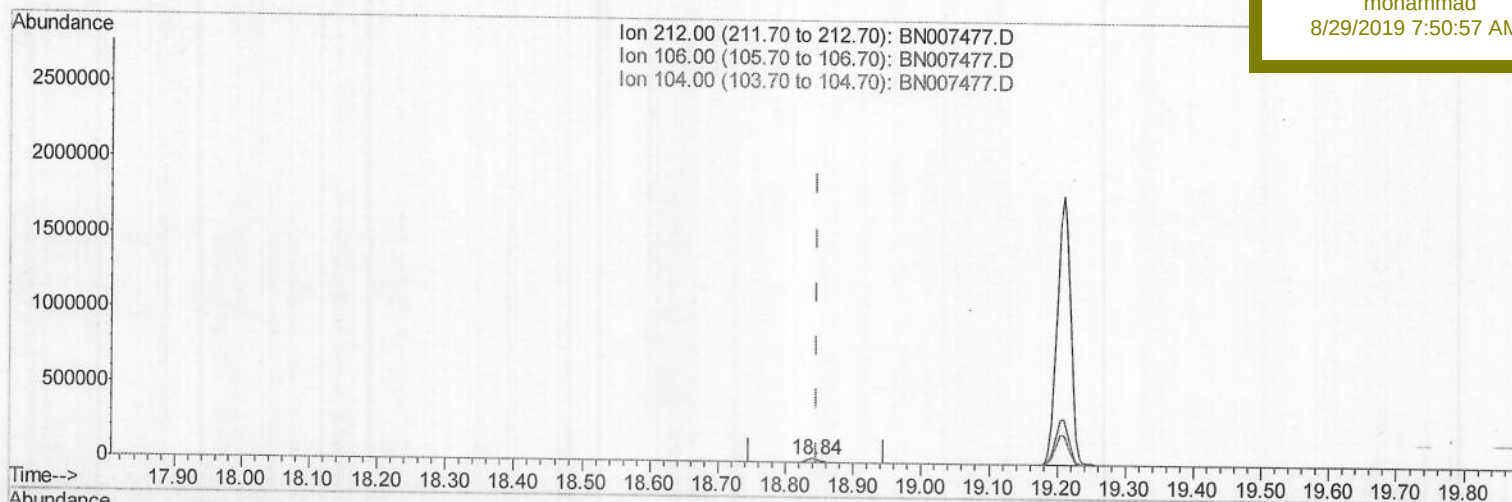
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



(14) Fluoranthene-d10 (SURR)

18.842min (-0.004) 0.35ng/ul m

response 29842

Ion	Exp%	Act%
212.00	100	100
106.00	14.30	0.00#
104.00	8.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

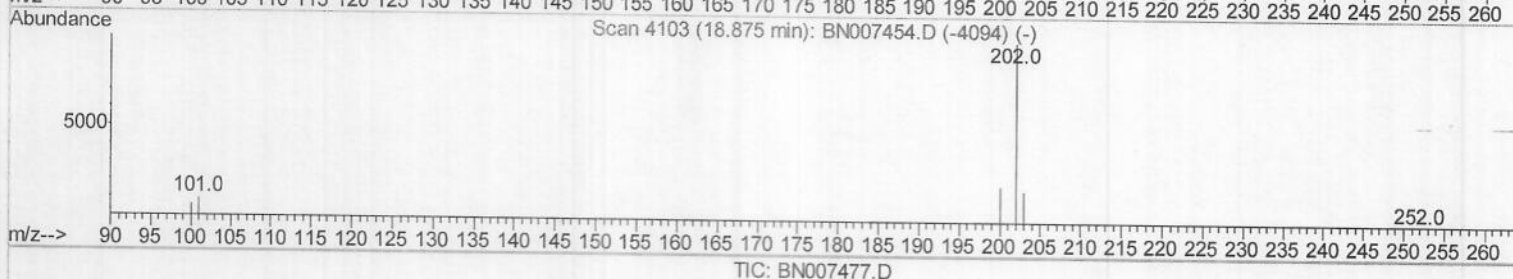
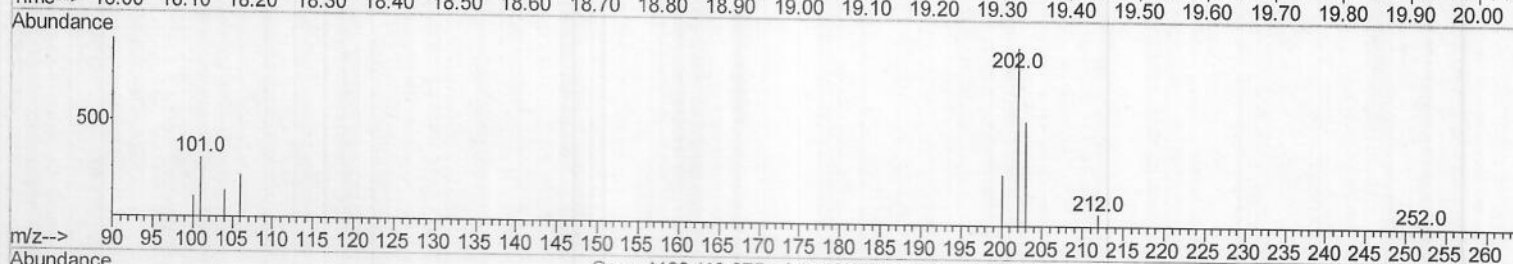
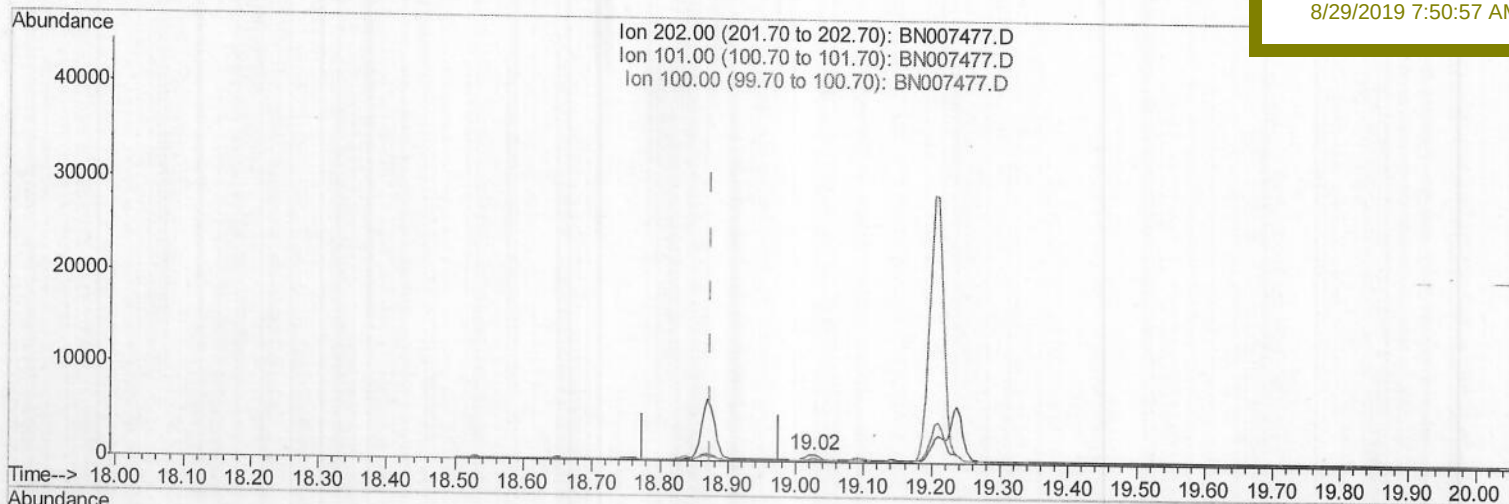
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(15) Fluoranthene (C)

19.024min (+0.149) 0.01ng/ul

response 881

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	40.36#
100.00	8.50	20.83
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

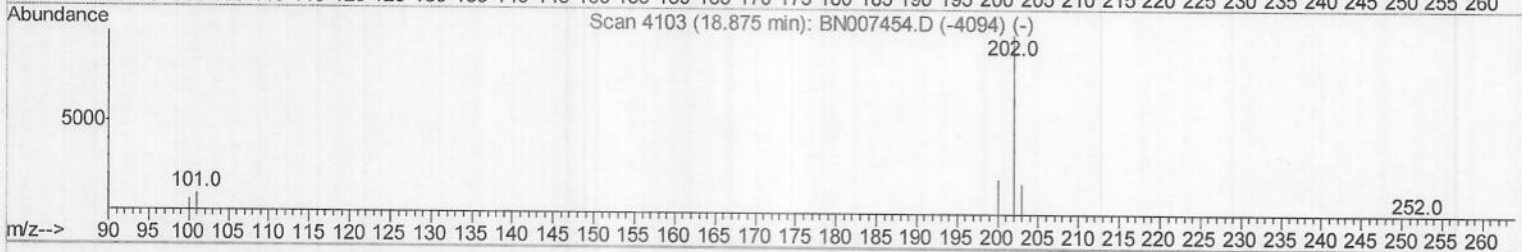
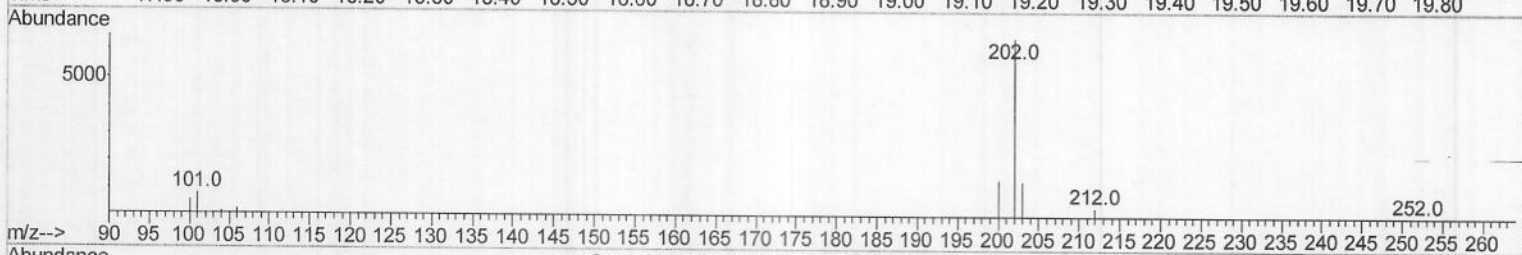
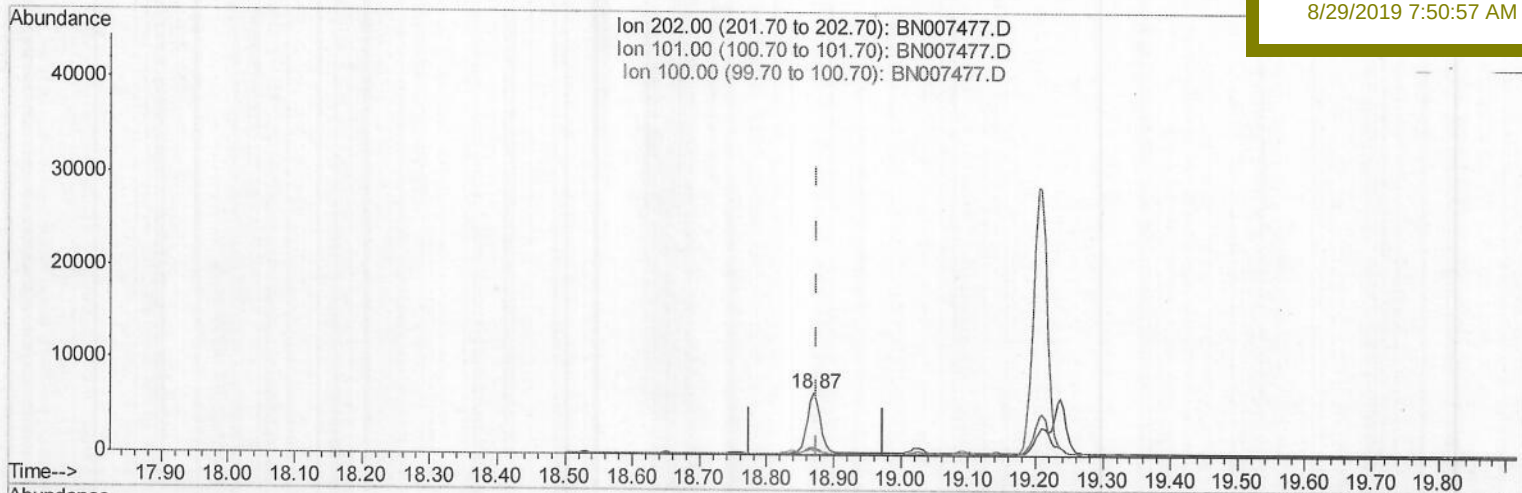
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



TIC: BN007477.D

(15) Fluoranthene (C)

18.870min (-0.004) 0.08ng/ul m

response 8604

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	12.62
100.00	8.50	8.92
0.00	0.00	0.00

JU
08/29/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

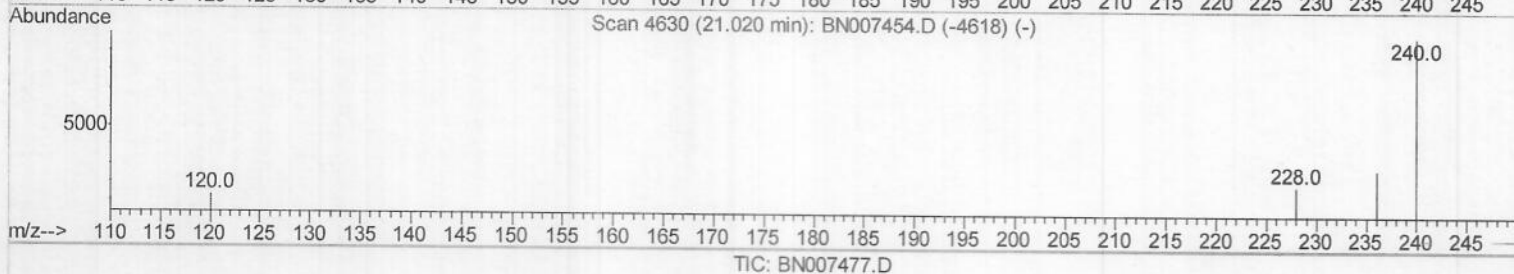
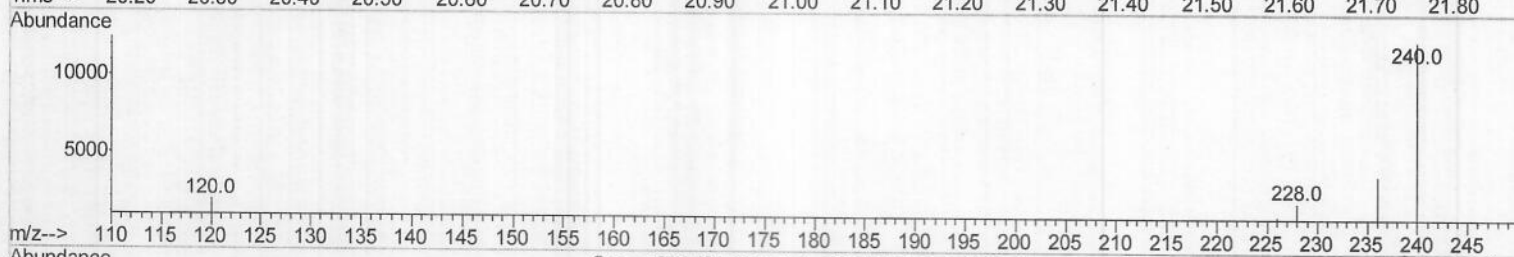
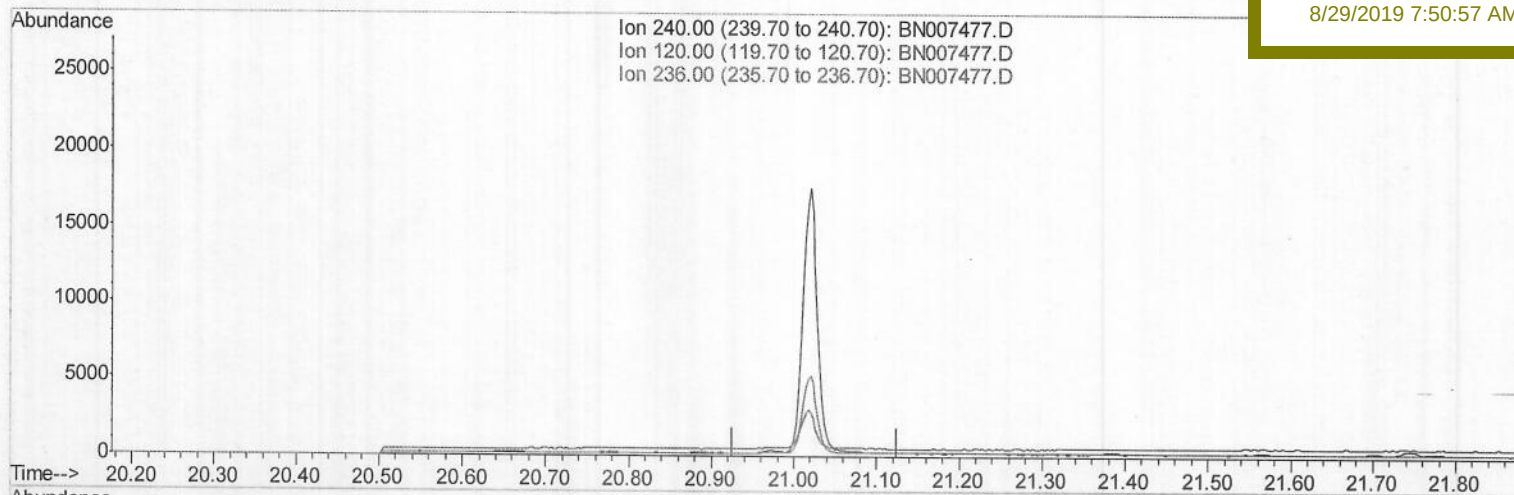
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(16) Chrysene-d12 (I)

21.026min (-21.026) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	15.00	0.00#
236.00	28.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:37:55 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

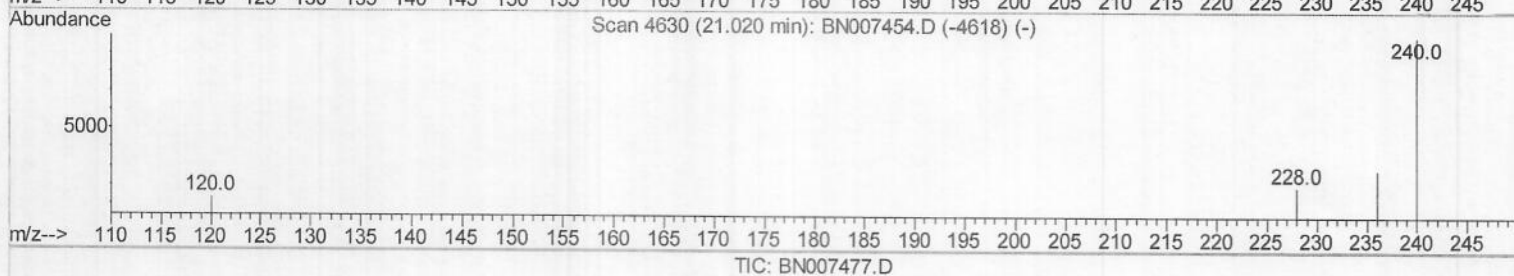
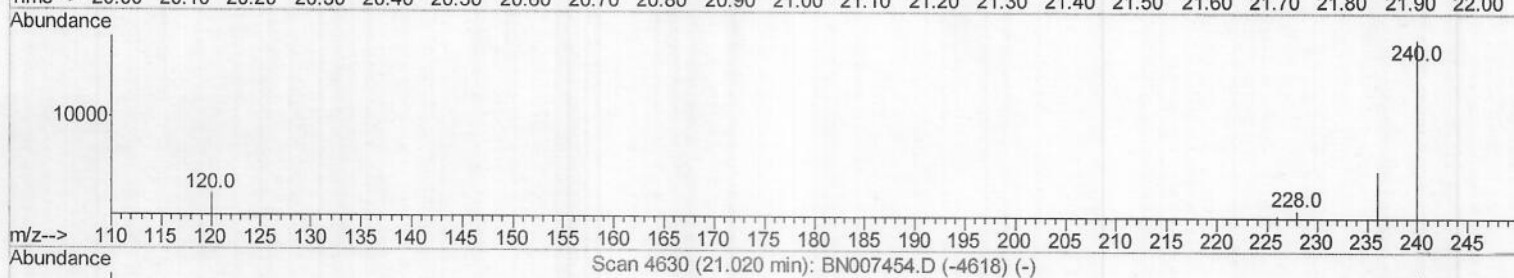
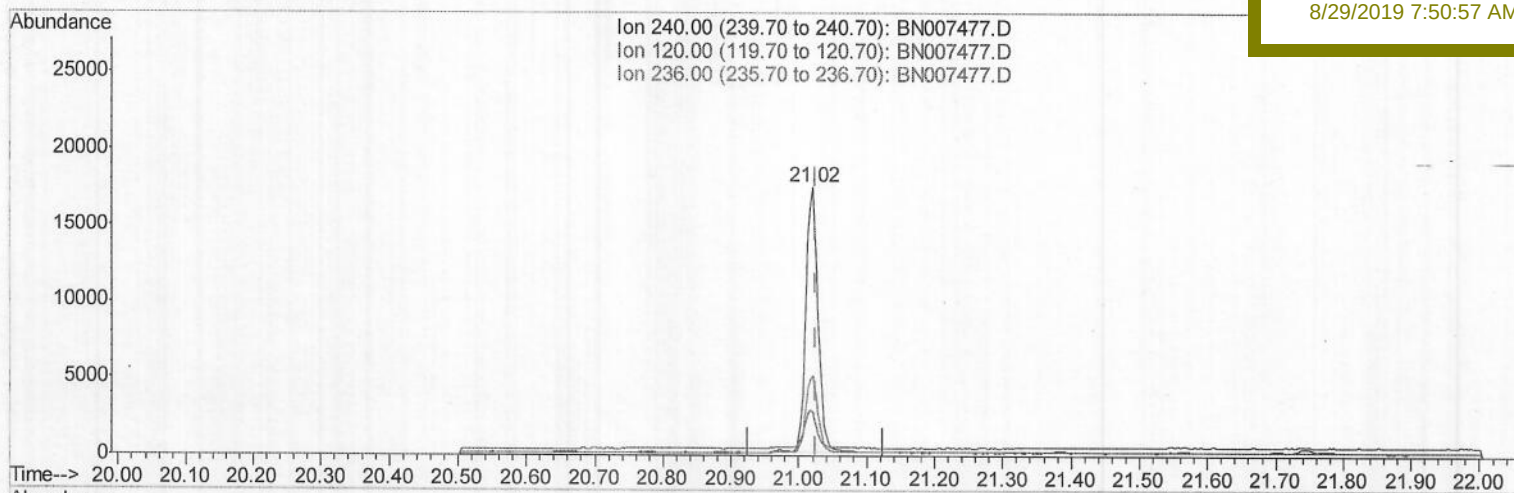
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



(16) Chrysene-d12 (I)

21.020min (-0.006) 0.40ng/ul m

response 21411

Ion Exp% Act%

240.00 100 100

120.00 15.00 15.84

236.00 28.60 29.72

0.00 0.00 0.00

JU
08/29/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

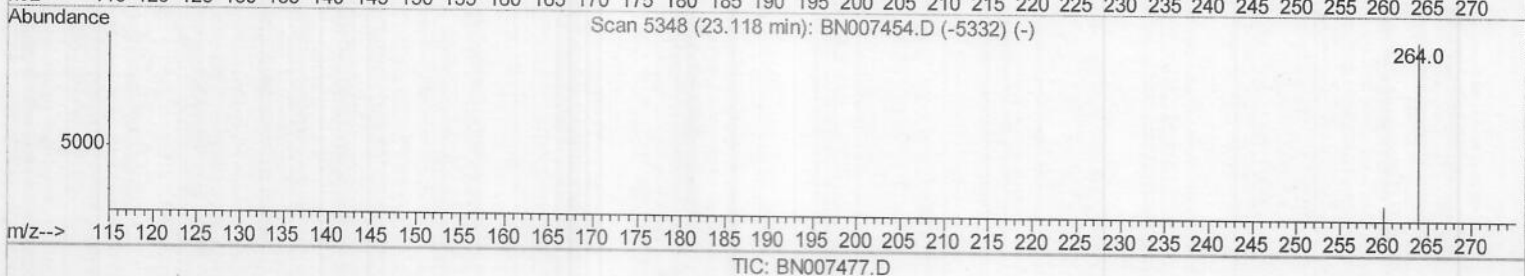
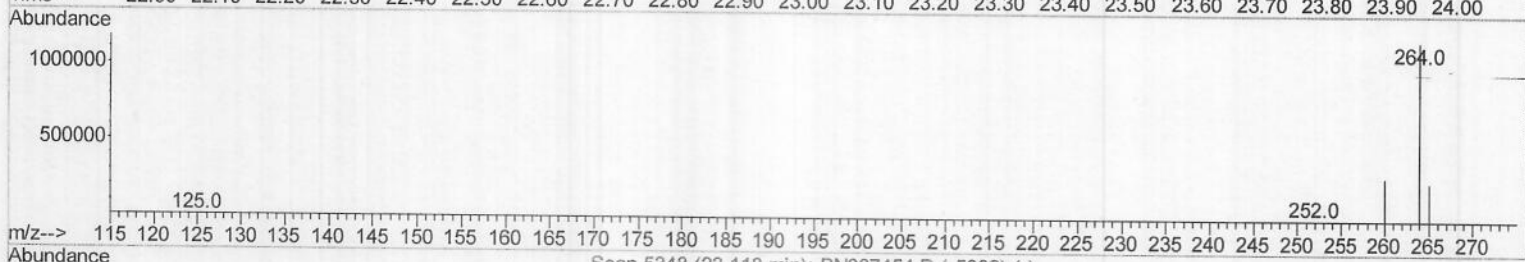
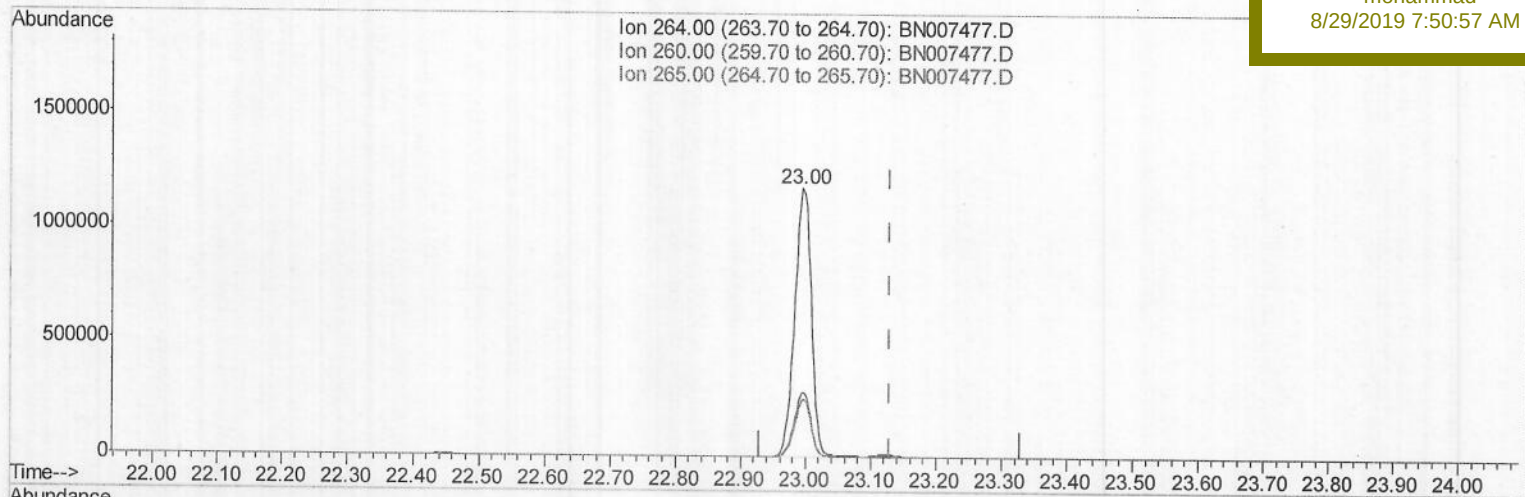
C0AC0

Manual Integrations

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mohammad

8/29/2019 7:50:57 AM



(20) Perylene-d12 (I)

22.996min (-0.134) 0.40ng/ul

response 2073601

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	23.85
265.00	35.80	21.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:01 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

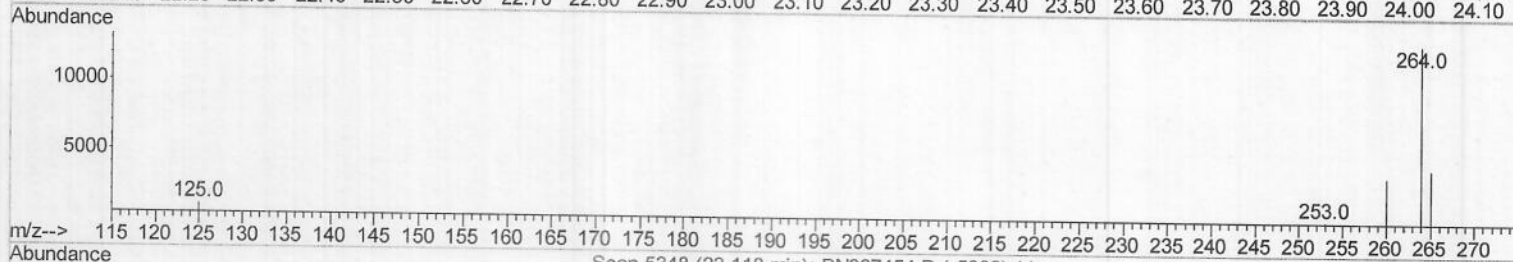
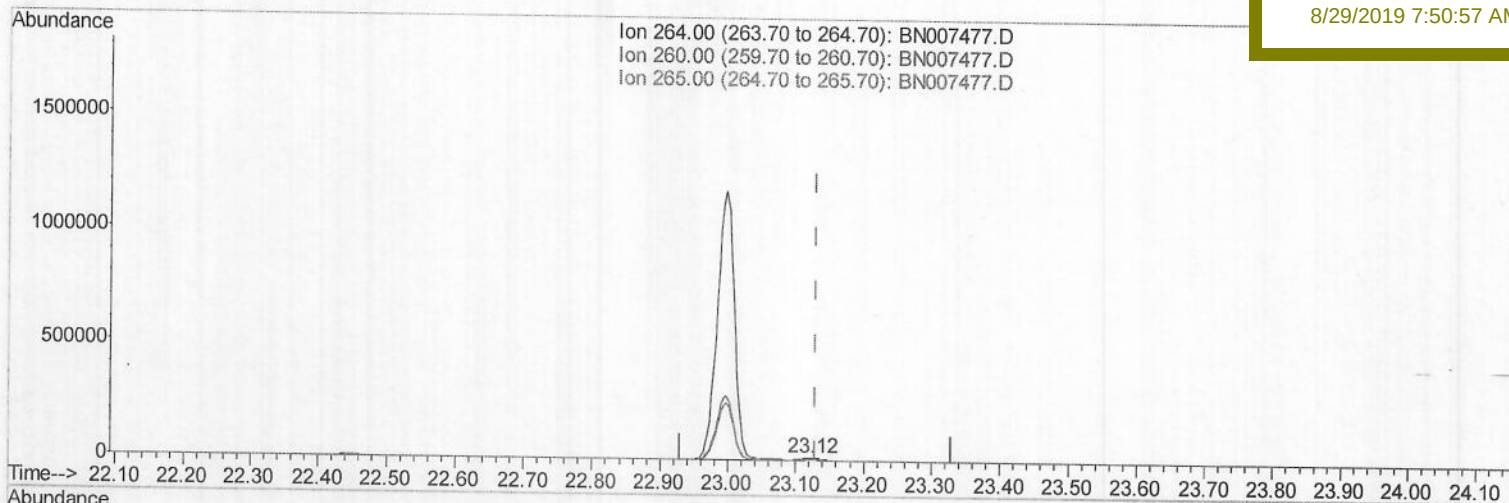
Response via : Initial Calibration

Instrument :

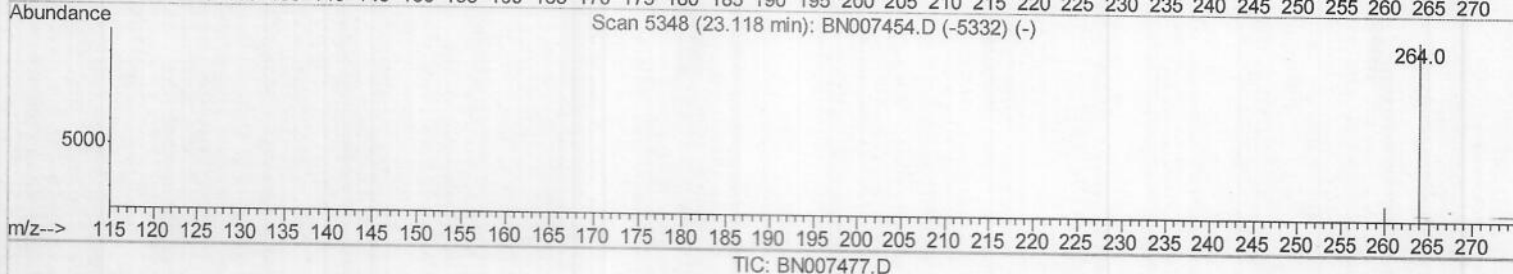
BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

Scan 5348 (23.118 min): BN007454.D (-5332) (-)



(20) Perylene-d12 (I)

23.121min (-0.008) 0.40ng/ul m > 50
08/24/19

response 18713

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	27.91
265.00	35.80	32.48
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

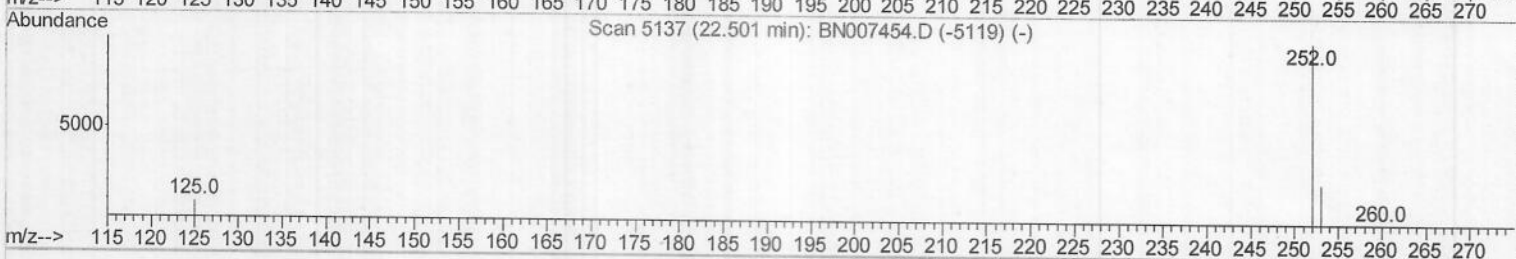
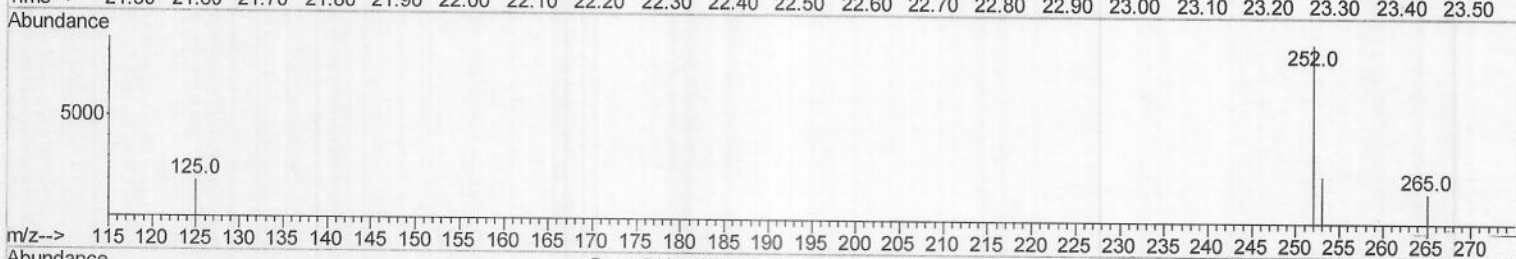
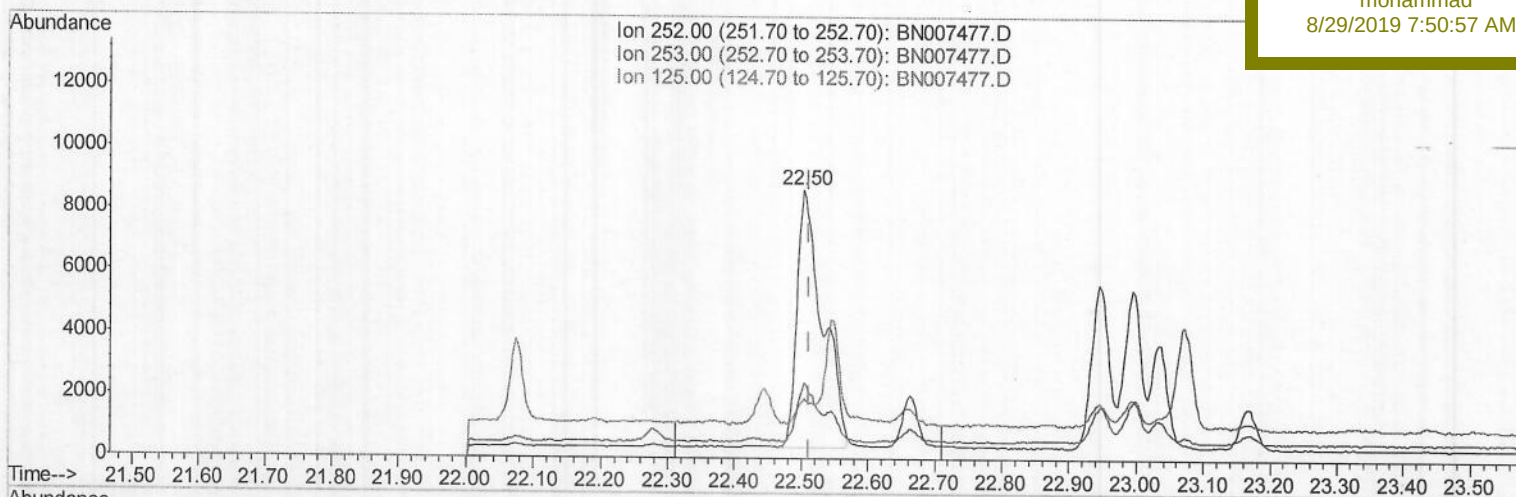
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



TIC: BN007477.D

(21) Benzo(b)fluoranthene

22.504min (-0.009) 0.27ng/ul

response 21783

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	28.14
125.00	12.40	22.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

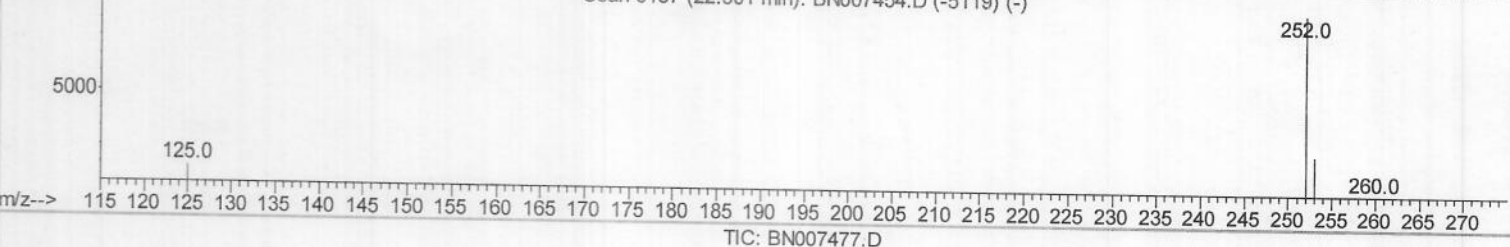
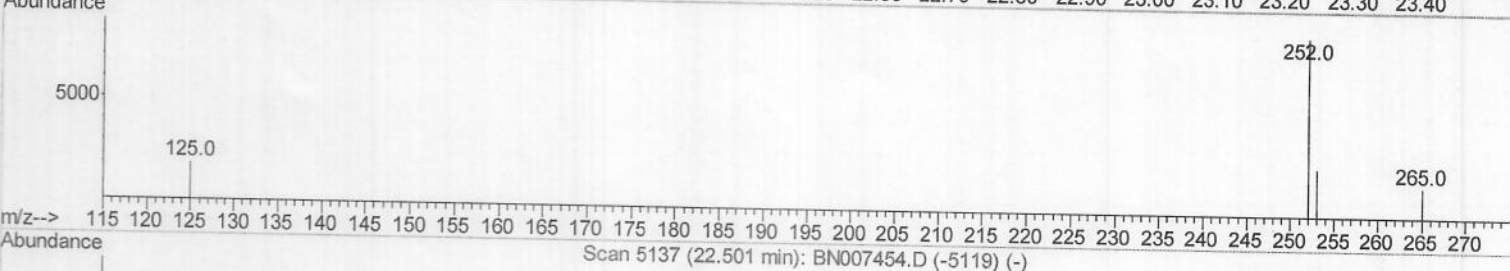
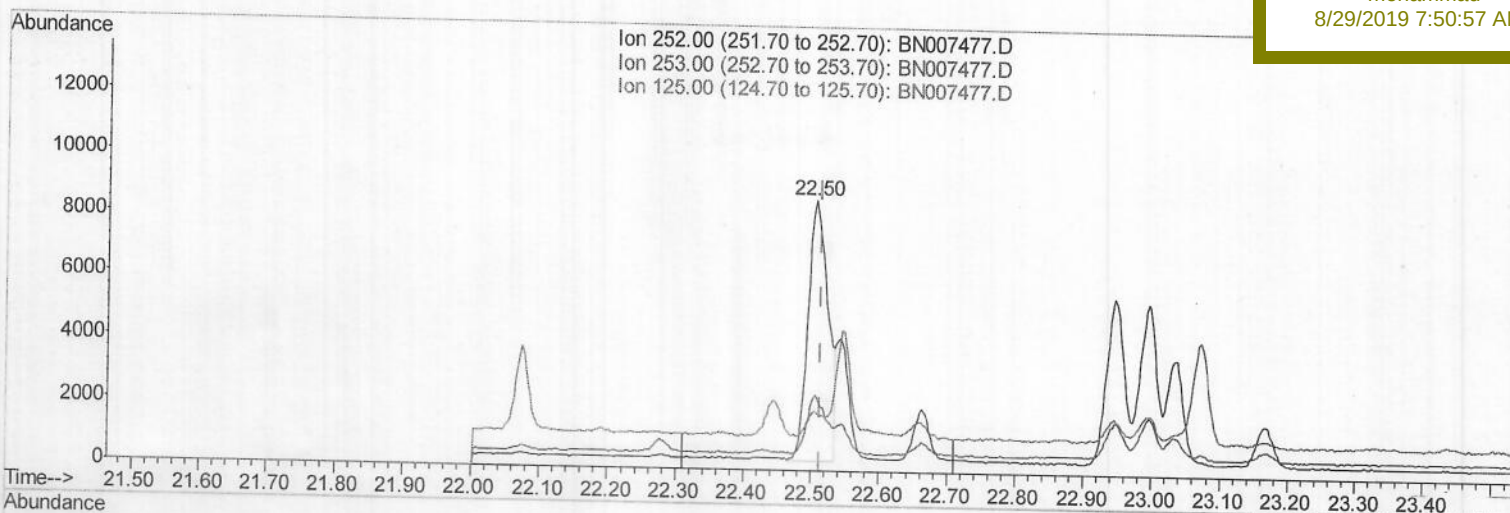
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



(21) Benzo(b)fluoranthene

22.504min (-0.009) 0.21ng/ul m

response 16889

JU
08/29/19

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	28.14
125.00	12.40	22.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

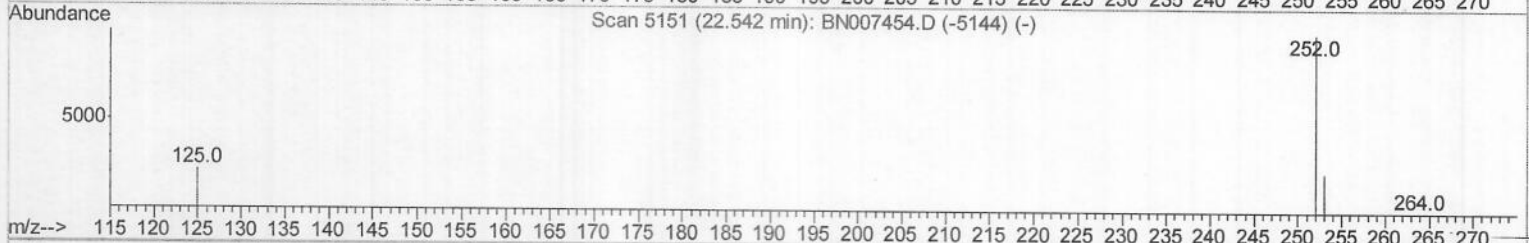
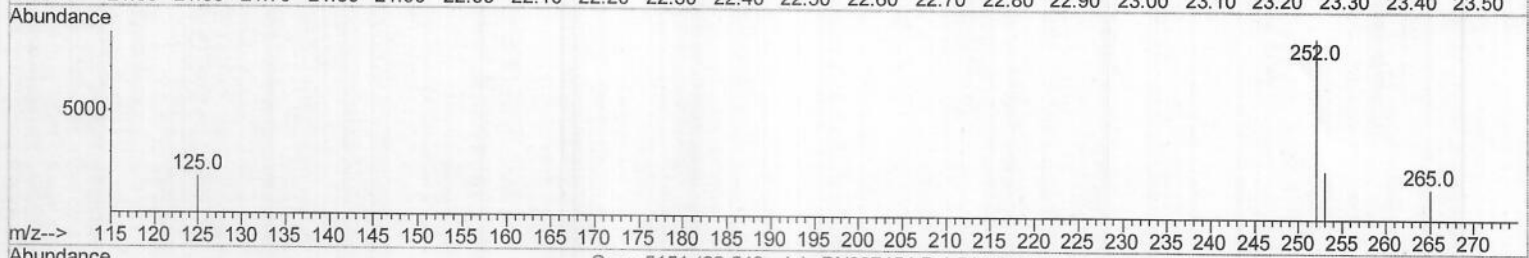
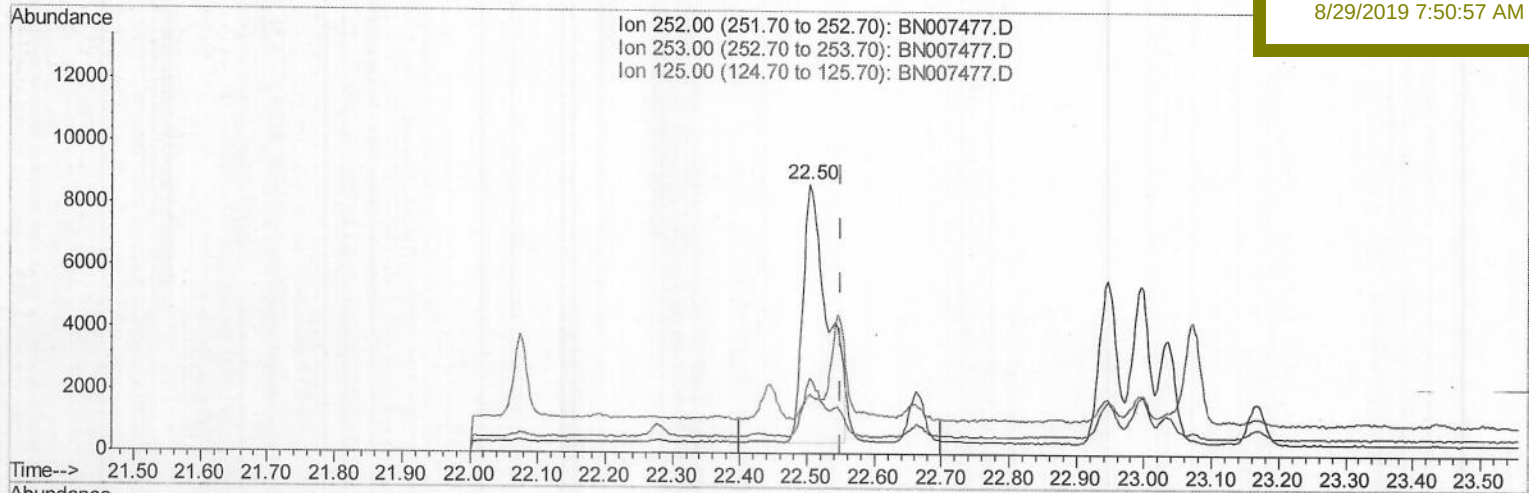
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



(22) Benzo(k)fluoranthene

22.504min (-0.047) 0.25ng/ul

response 21250

Ion	Exp%	Act%
252.00	100	100
253.00	23.40	28.14#
125.00	15.50	22.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

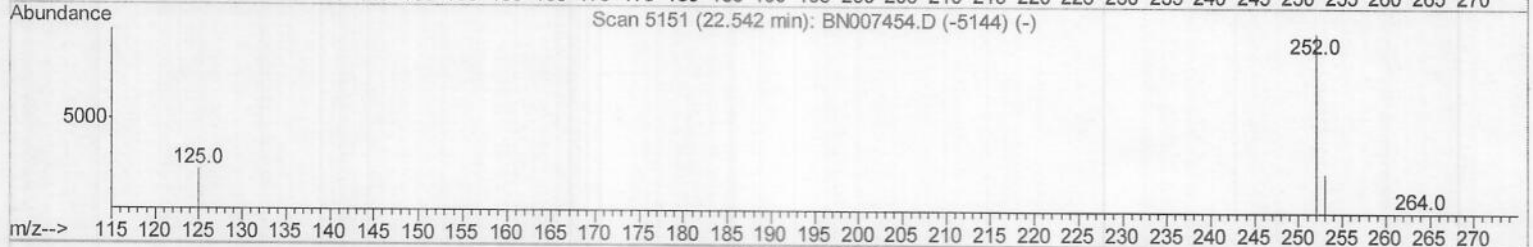
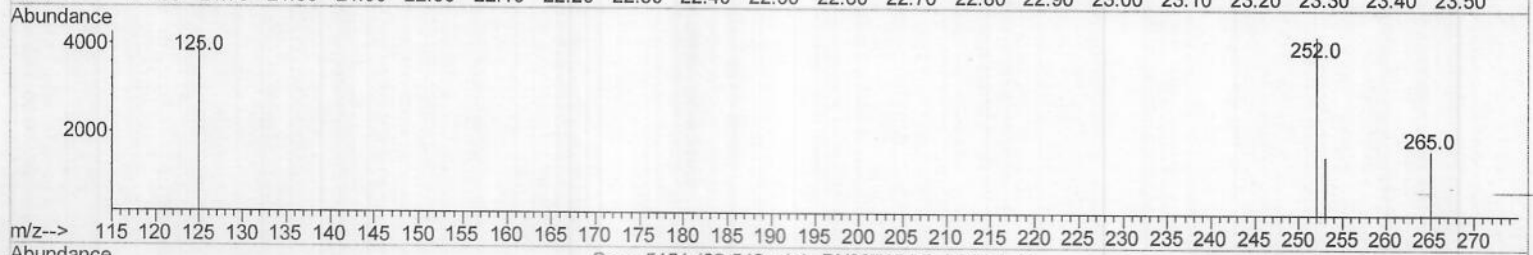
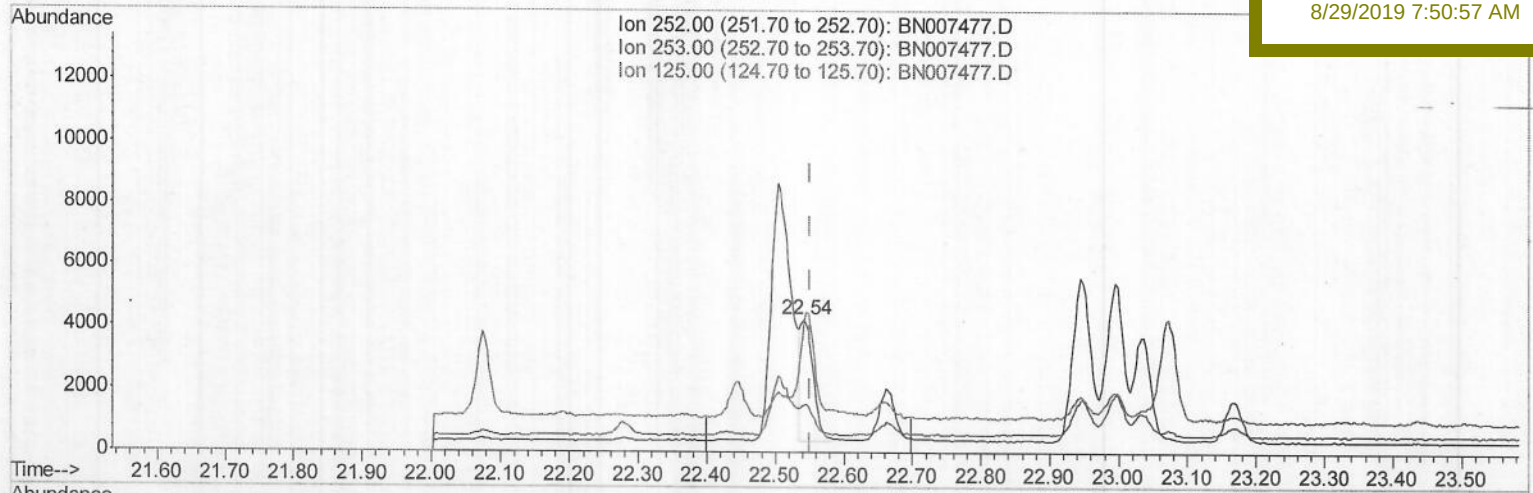
C0AC0

Manual Integrations

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8/29/2019 7:50:57 AM



(22) Benzo(k)fluoranthene

22.542min (-0.009) 0.06ng/ul m

response 5174

Ion Exp% Act%

252.00 100 100

253.00 23.40 35.43#

125.00 15.50 97.44#

0.00 0.00 0.00

JU
08/29/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

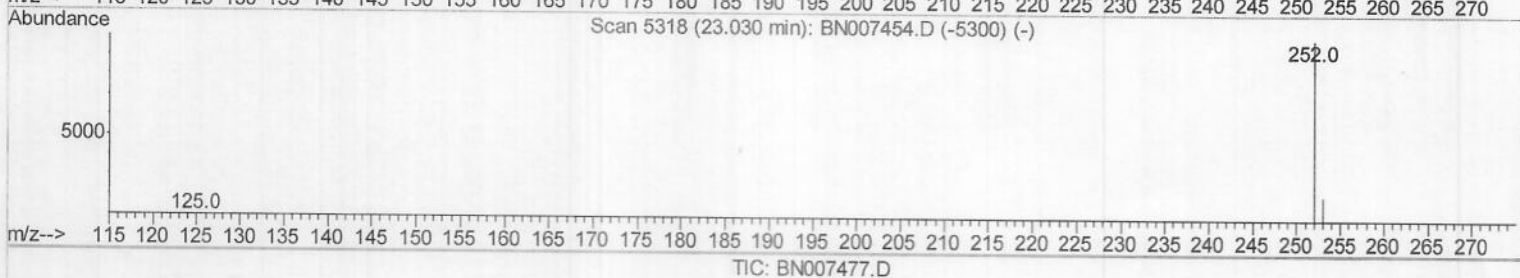
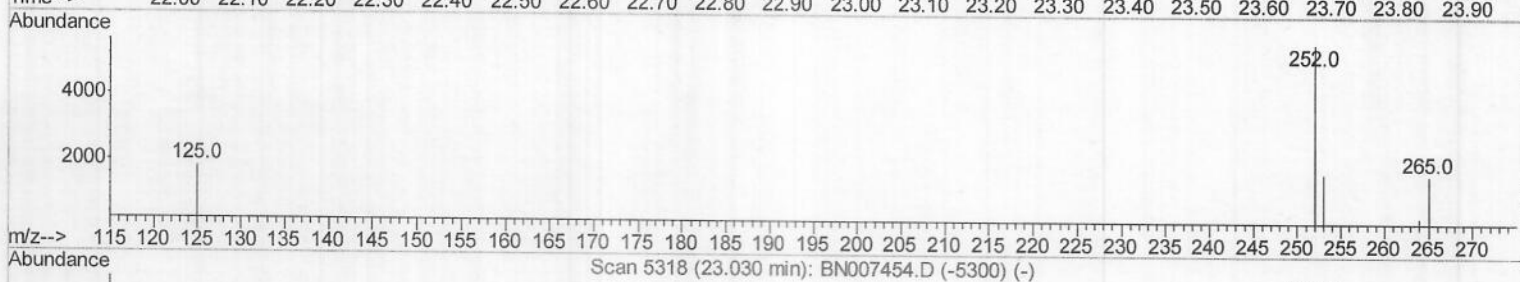
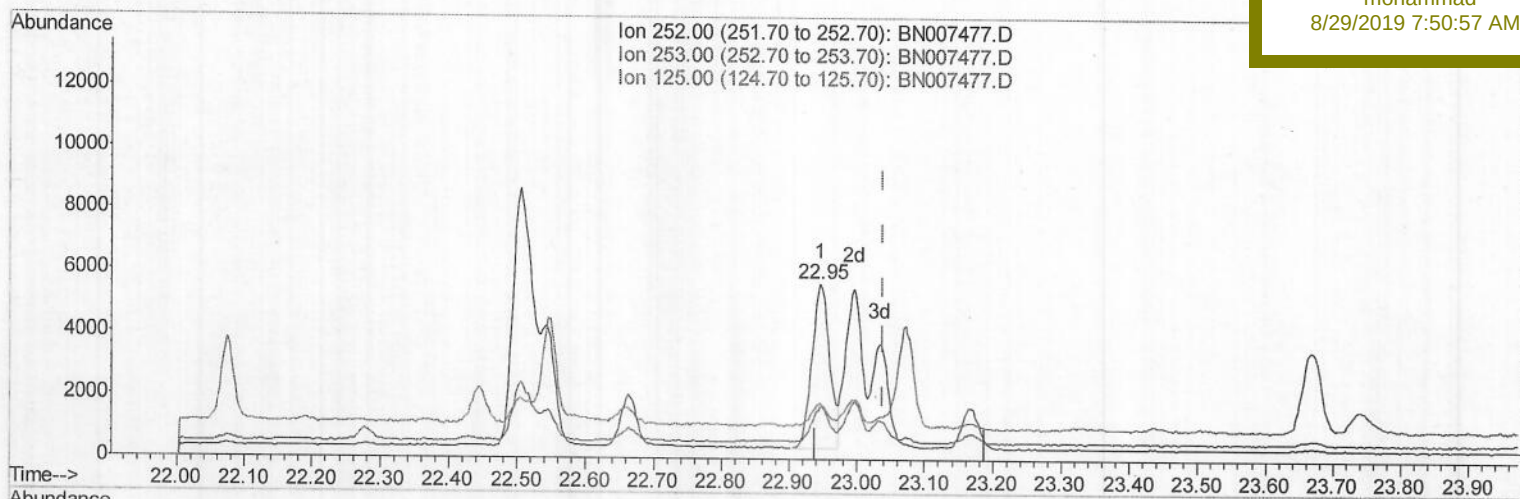
C0AC0

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:57 AM



(23) Benzo(a)pyrene (C)

22.946min (-0.093) 0.12ng/ul

response 9667

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	30.31#
125.00	14.00	32.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

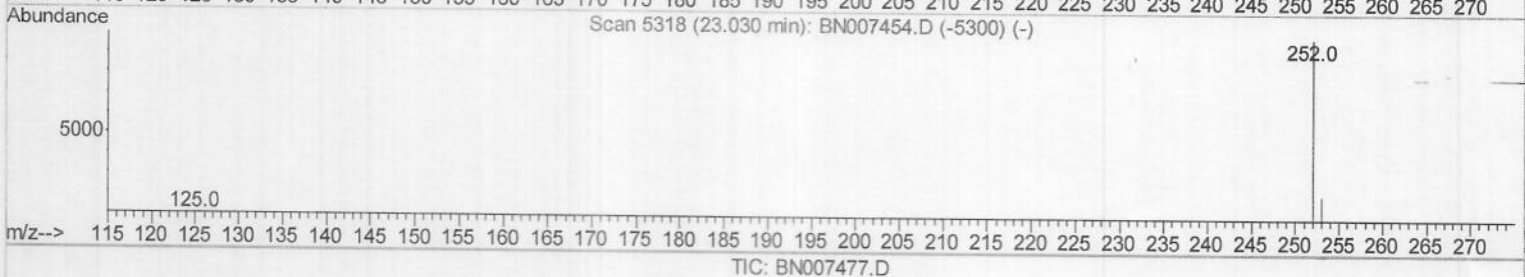
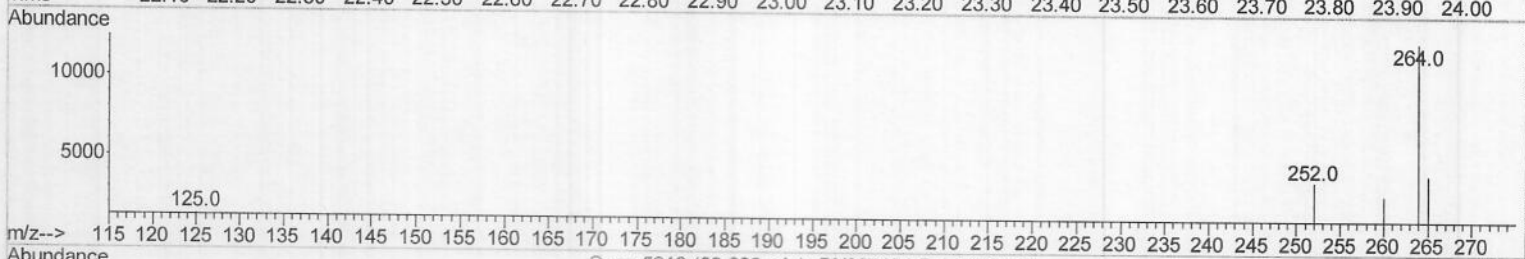
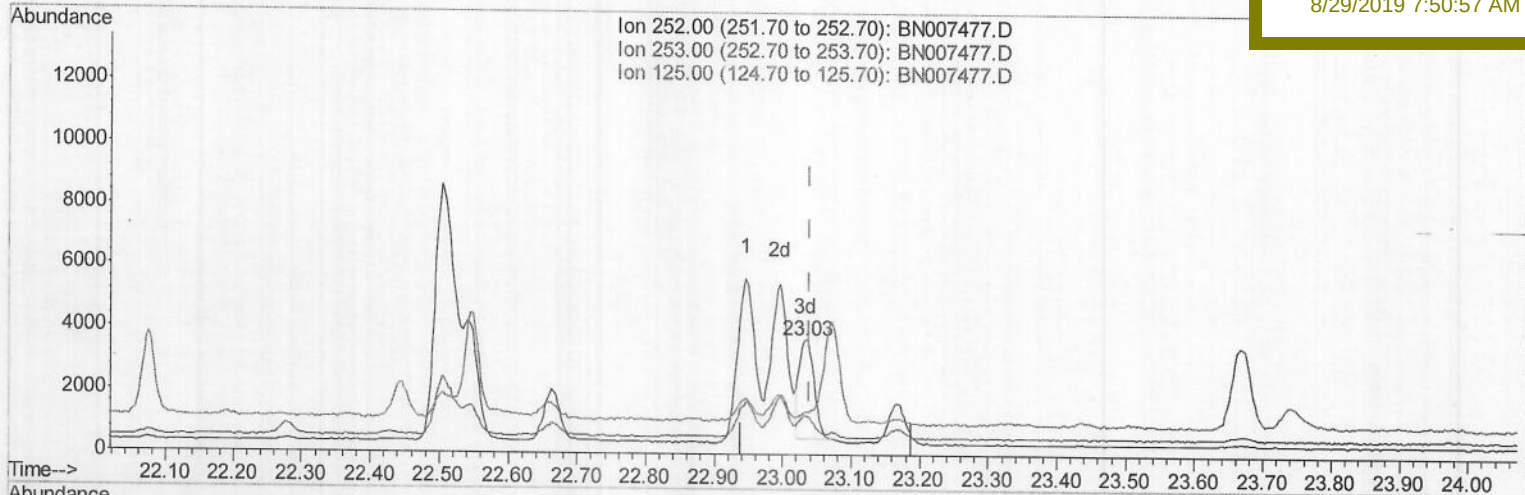
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(23) Benzo(a)pyrene (C)

23.034min (-0.006) 0.06ng/ul m) JU
08/29/19

response 4845

Ion	Exp%	Act%
252.00	100	100
253.00	23.80	34.20#
125.00	14.00	37.37#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

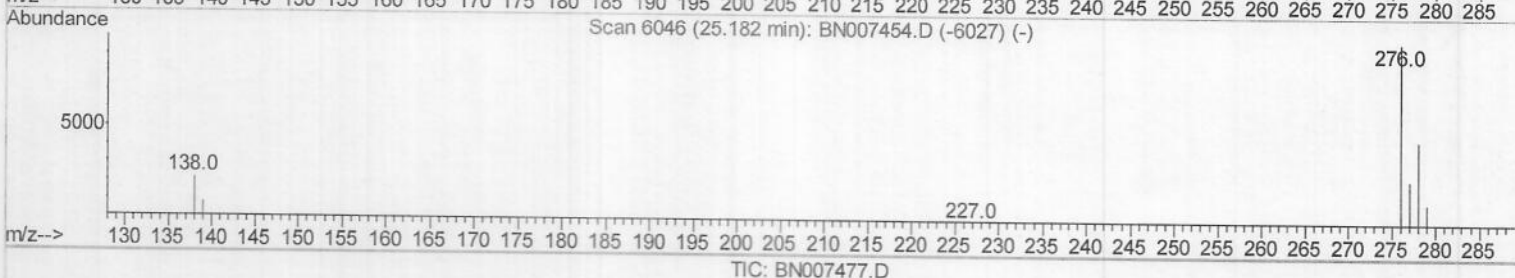
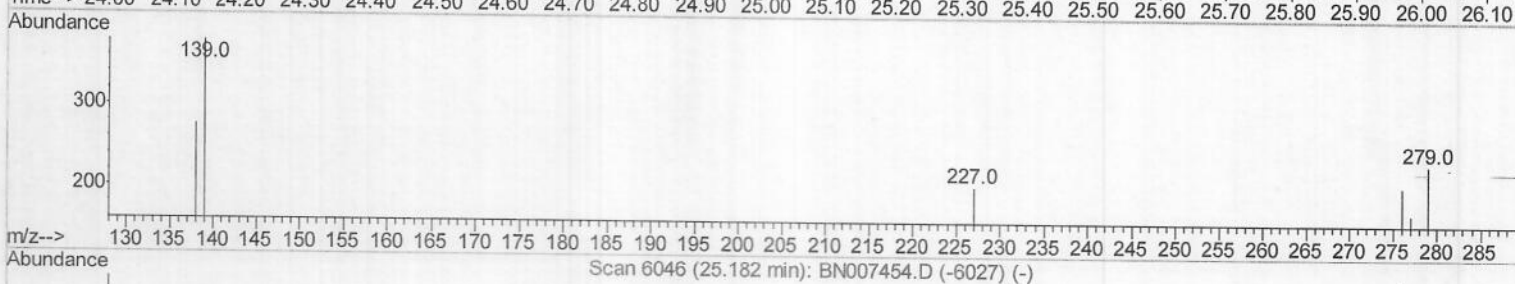
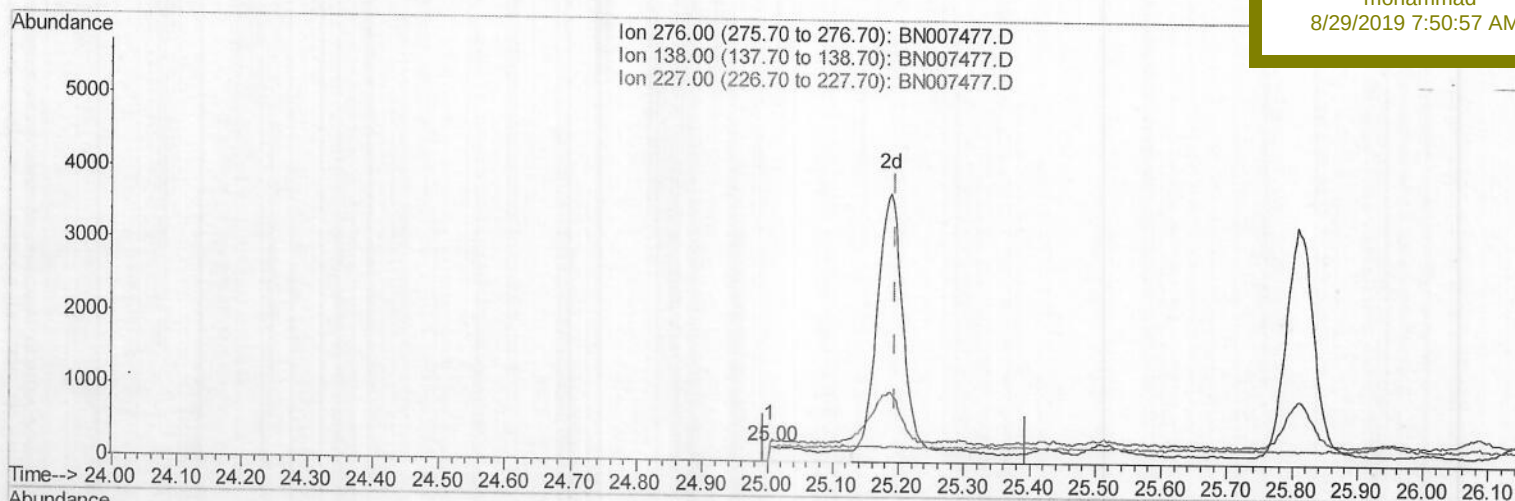
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

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

25.004min (-0.191) 0.01ng/ul

response 1208

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:40:35 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

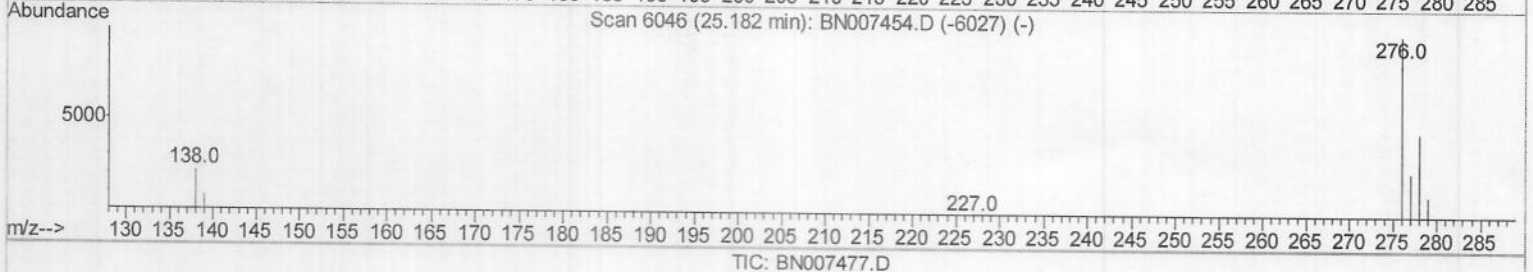
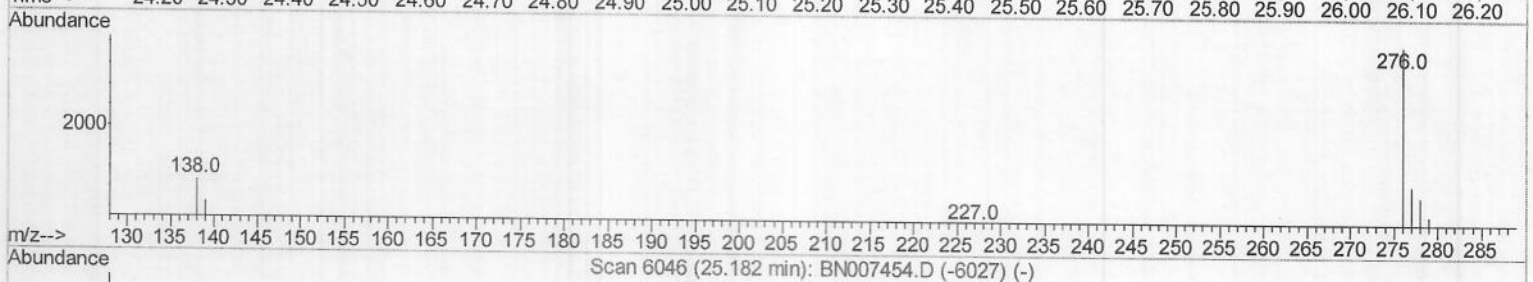
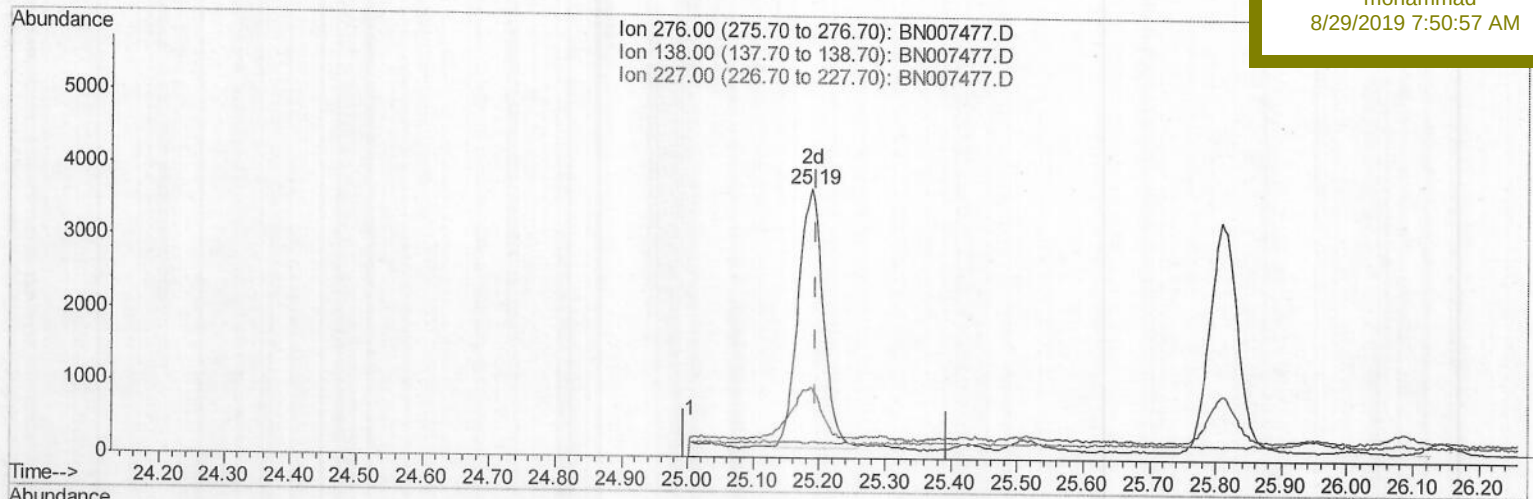
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

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

25.189min (-0.006) 0.10ng/ul m) JU
08/29/19

response 9427

Ion	Exp%	Act%
276.00	100	100
138.00	24.60	0.00#
227.00	0.10	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:42:54 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

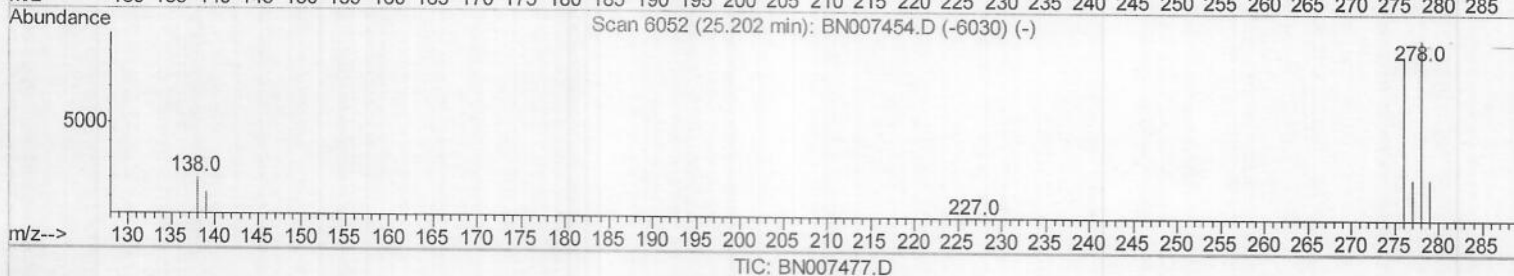
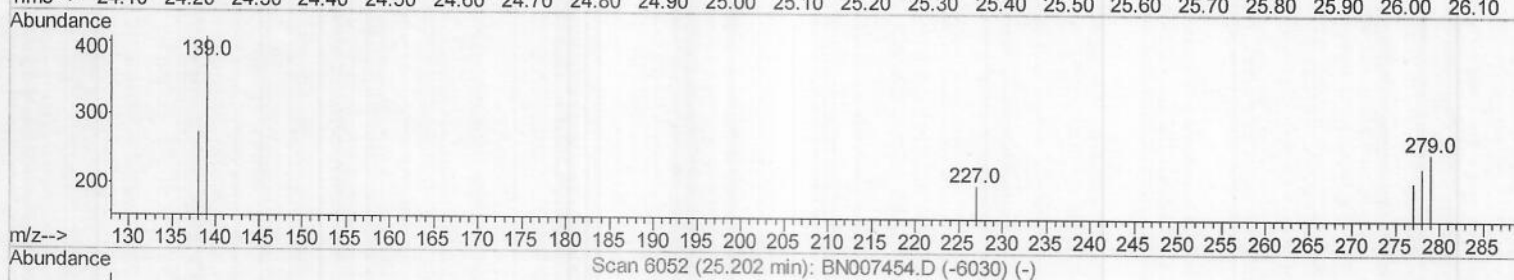
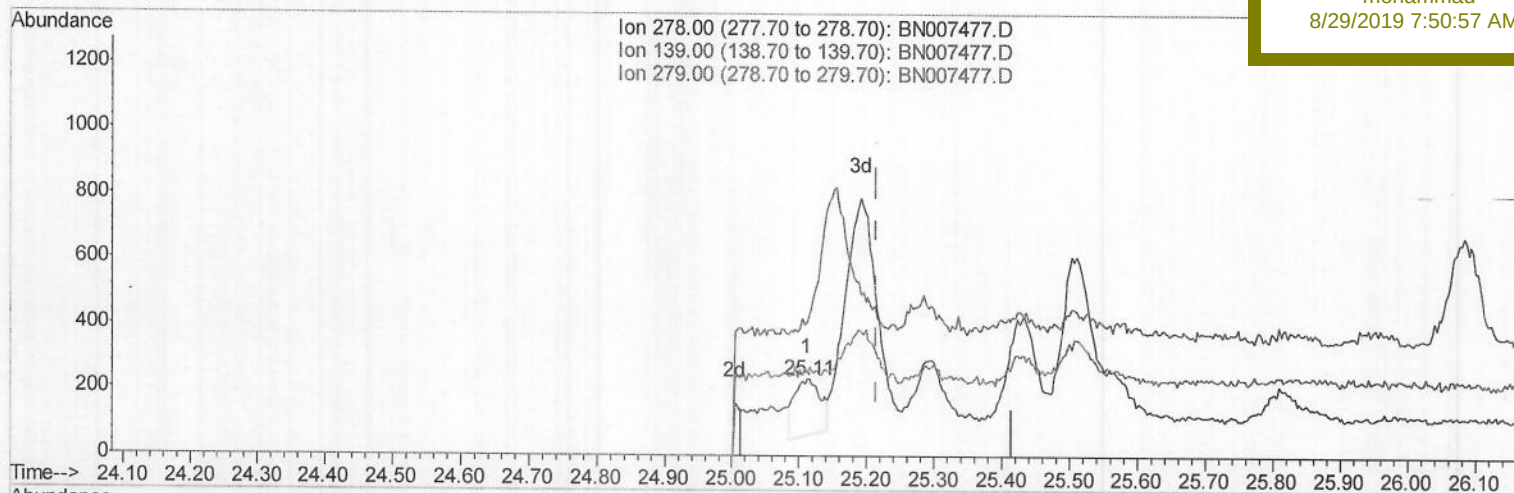
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(25) Dibenzo(a,h)anthracene

25.111min (-0.104) 0.01ng/ul

response 464

Ion	Exp%	Act%
278.00	100	100
139.00	18.20	176.19#
279.00	24.80	108.66#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\

Data File : BN007477.D

Acq On : 28 Aug 2019 20:24

Operator : HP/JU

Sample : K4373-04

Misc :

ALS Vial : 50 Sample Multiplier: 1

Quant Time: Aug 28 23:42:54 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 27 20:30:31 2019

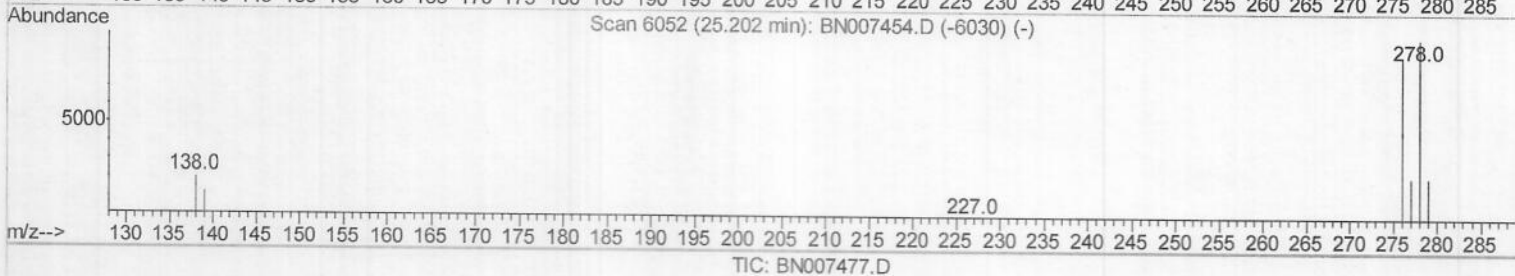
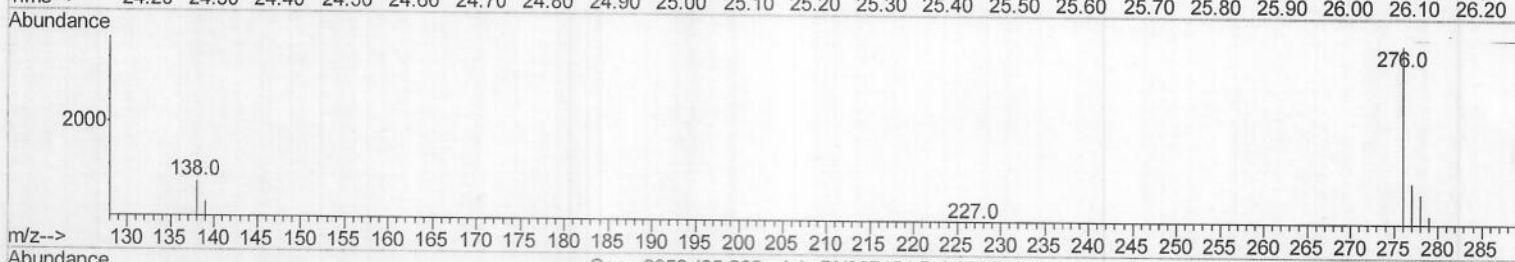
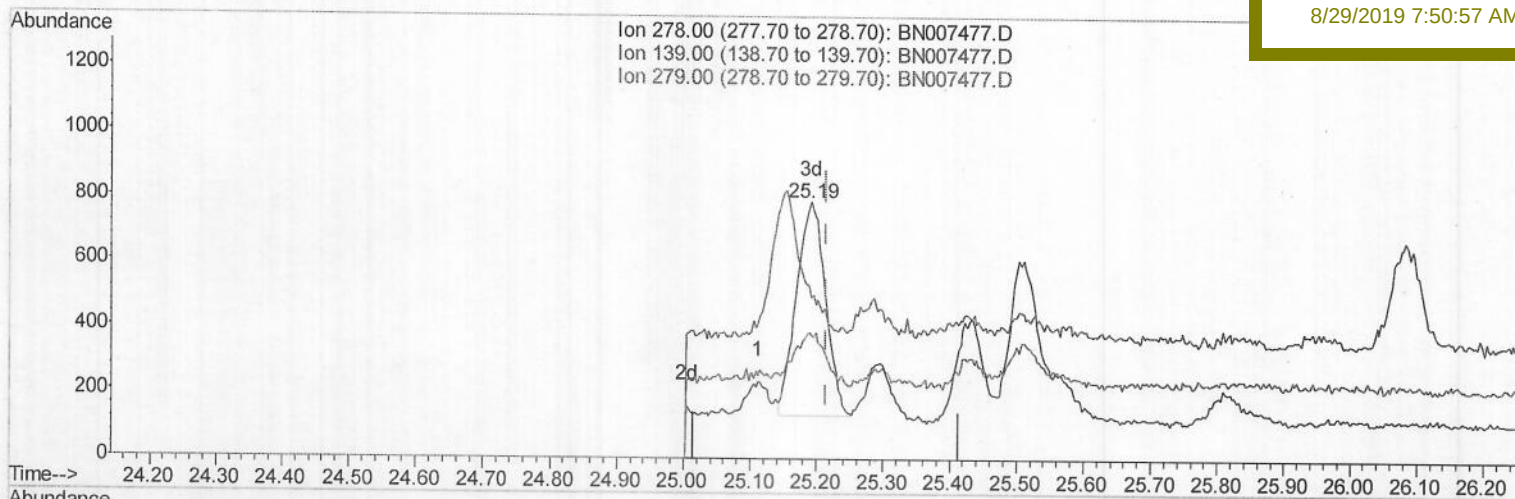
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AC0

Manual Integrations
APPROVEDmohammad
8/29/2019 7:50:57 AM

(25) Dibenzo(a,h)anthracene

25.192min (-0.023) 0.03ng/ul m

response 1989

Ion	Exp%	Act%
278.00	100	100
139.00	18.20	62.82#
279.00	24.80	47.72#
0.00	0.00	0.00

08/29/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007477.D
 Acq On : 28 Aug 2019 20:24
 Operator : HP/JU
 Sample : K4373-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 Client Sampled :
 C0AC0

Manual Integrations
 APPROVED

mohammad
 8/29/2019 7:50:57 AM

Quant Time: Aug 28 23:43:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4864	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	22060	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11394	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	25998m)	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	21411m)	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	18713m)	0.40	ng/ul	0.00

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 08/29/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.76	152	11830	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	29842m)	0.35	ng/ul	0.00

JU
 08/29/19

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.20	128	3072	0.049	ng/ul#	89
7) Acenaphthylene	13.76	152	3507	0.055	ng/ul#	91
11) Pentachlorophenol	16.46	266	559m)	0.095	ng/ul	
12) Phenanthrene	16.84	178	4060m)	0.050	ng/ul	
13) Anthracene	16.93	178	15046m)	0.197	ng/ul	
15) Fluoranthene	18.87	202	8604m)	0.079	ng/ul	
17) Pyrene	19.24	202	7716	0.074	ng/ul#	93
18) Benzo(a)anthracene	21.01	228	4657	0.049	ng/ul#	72
19) Chrysene	21.06	228	7853	0.076	ng/ul#	88
21) Benzo(b)fluoranthene	22.50	252	16889m)	0.207	ng/ul	
22) Benzo(k)fluoranthene	22.54	252	5174m)	0.061	ng/ul	
23) Benzo(a)pyrene	23.03	252	4845m)	0.059	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.19	276	9427m)	0.103	ng/ul	
25) Dibenzo(a,h)anthracene	25.19	278	1989m)	0.028	ng/ul	
26) Benzo(g,h,i)perylene	25.81	276	9166	0.118	ng/ul#	92

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 08/29/19

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