

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:48:17 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 :

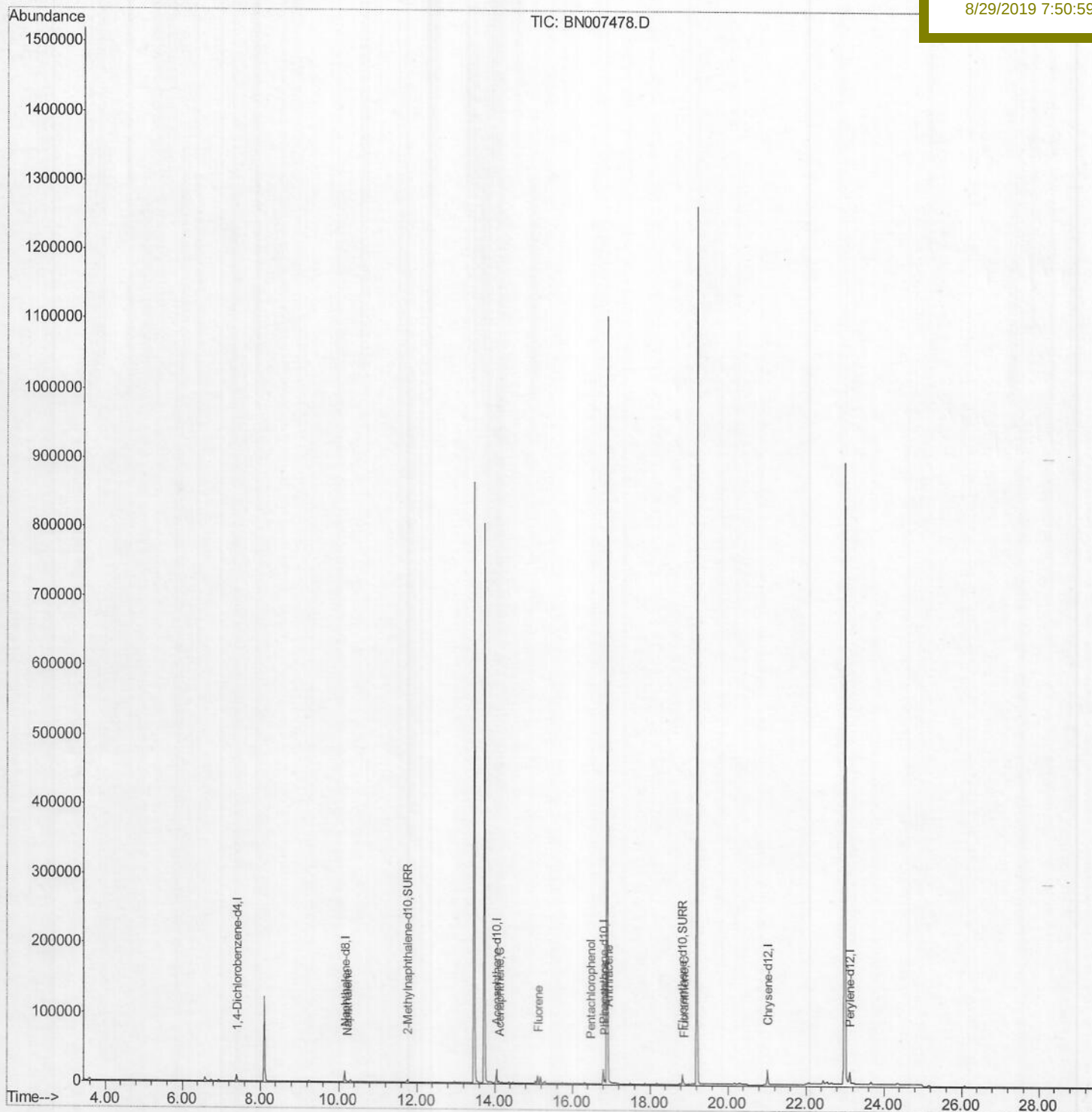
C0AF4

Manual Integrations

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mohammad

8/29/2019 7:50:59 AM



Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:03:28 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 :

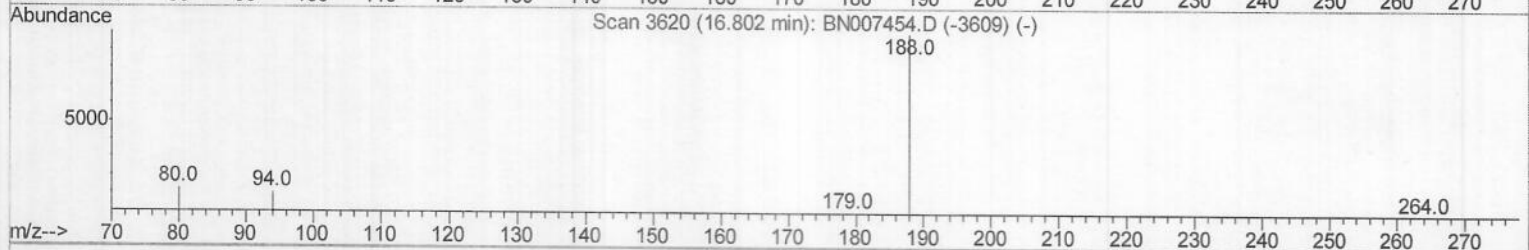
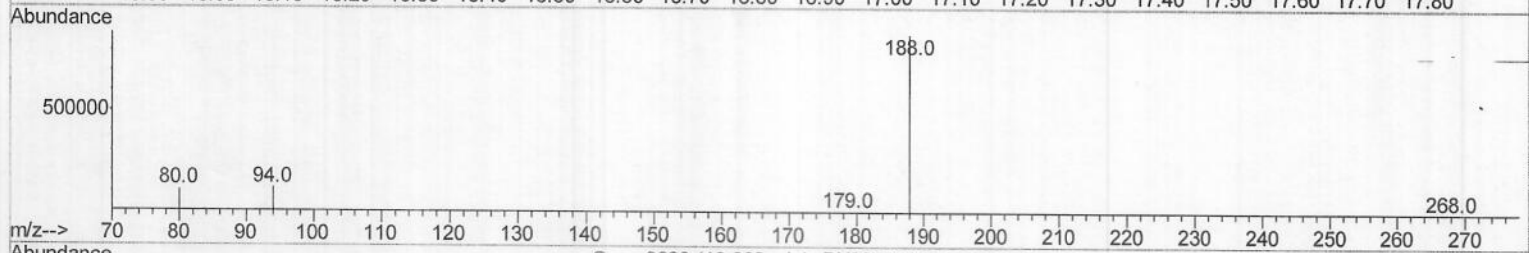
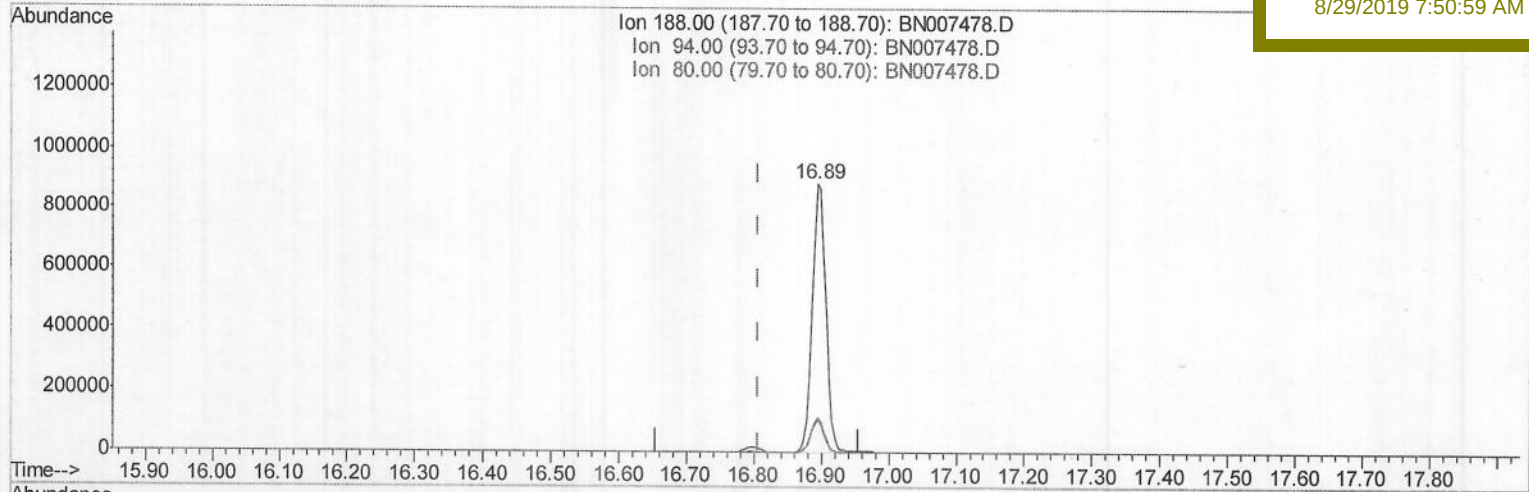
C0AF4

Manual Integrations

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8/29/2019 7:50:59 AM



TIC: BN007478.D

(10) Phenanthrene-d10 (I)

16.895min (+0.089) 0.40ng/ul

response 1238345

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	12.76
80.00	12.40	11.84
0.00	0.00	0.00

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:03:28 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 :

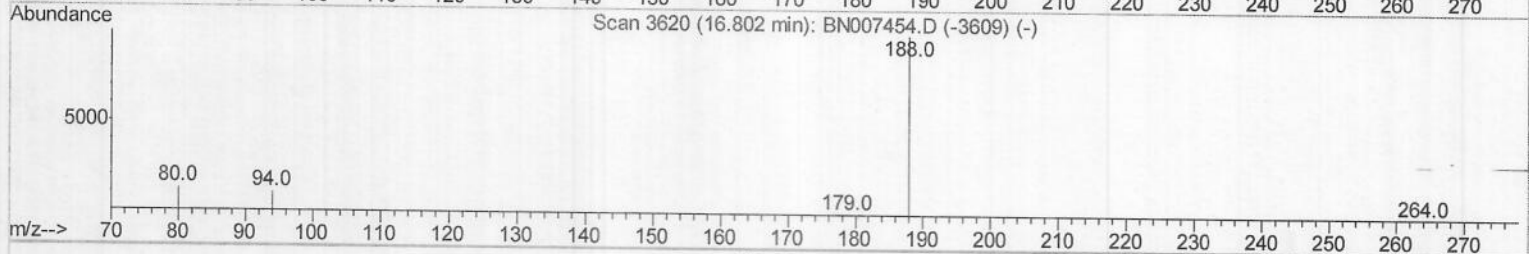
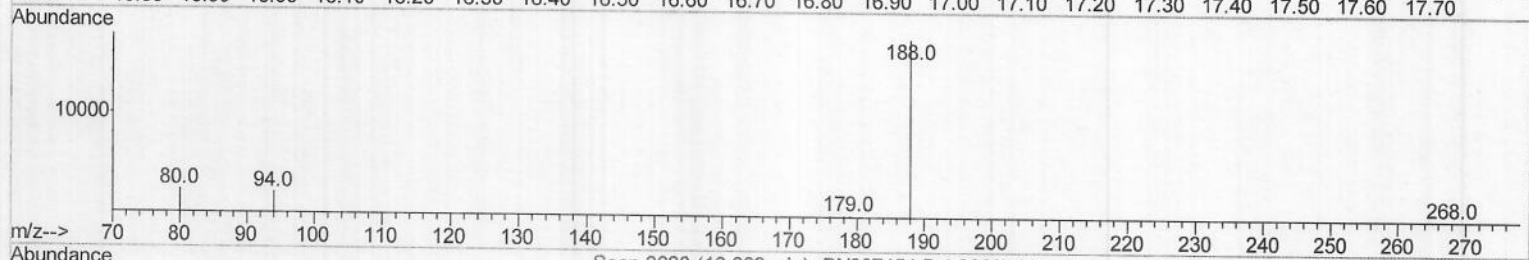
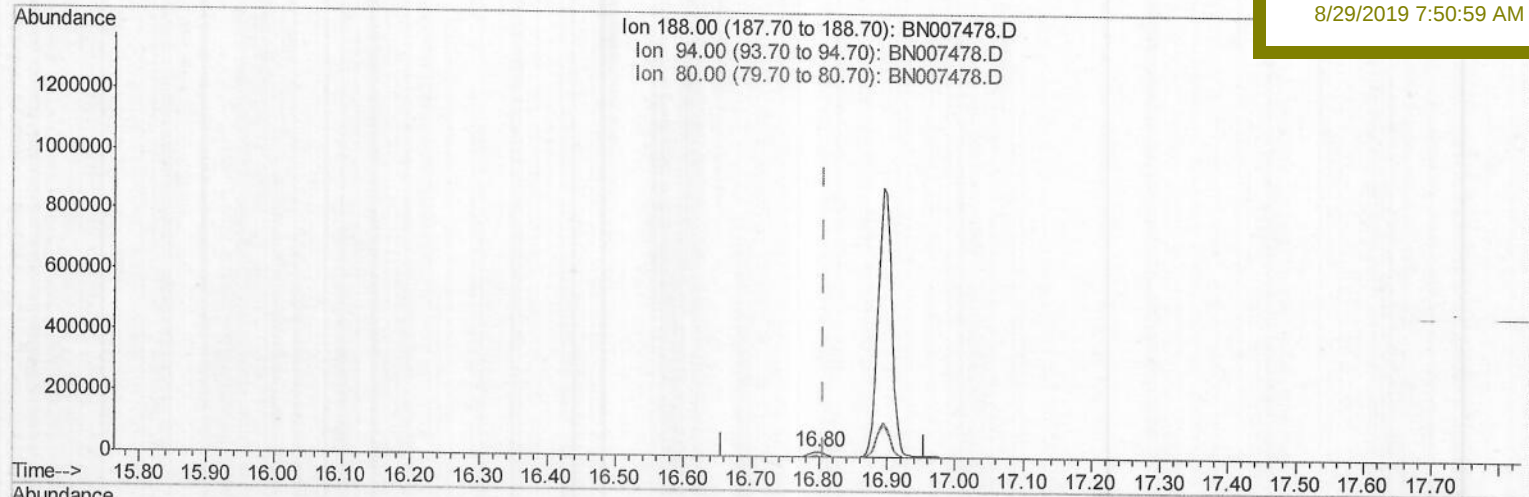
C0AF4

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:59 AM



TIC: BN007478.D

(10) Phenanthrene-d10 (I)

16.798min (-0.008) 0.40ng/ul m

response 24158

Ion	Exp%	Act%
188.00	100	100
94.00	11.30	11.77
80.00	12.40	12.99
0.00	0.00	0.00

JU
08/29/19

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

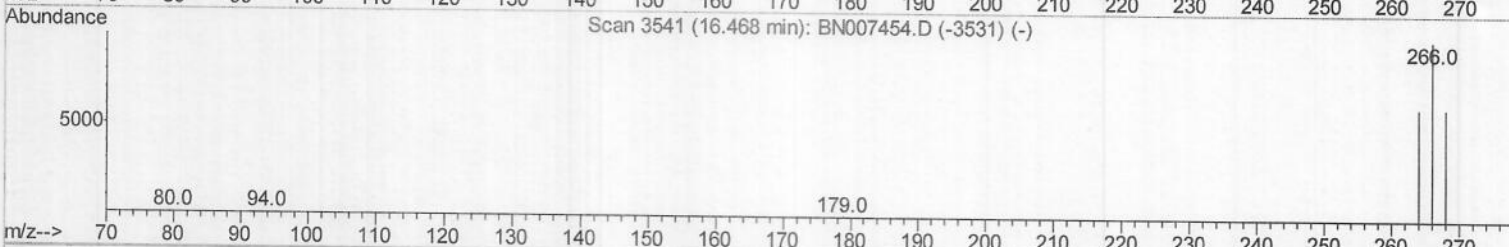
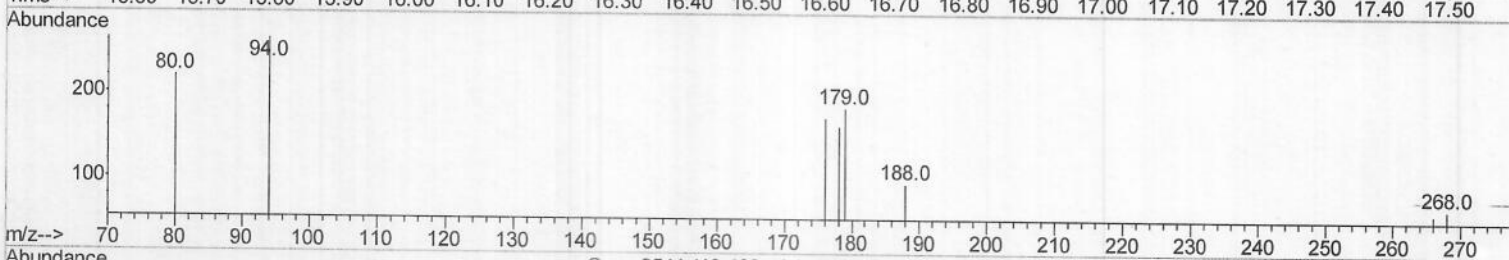
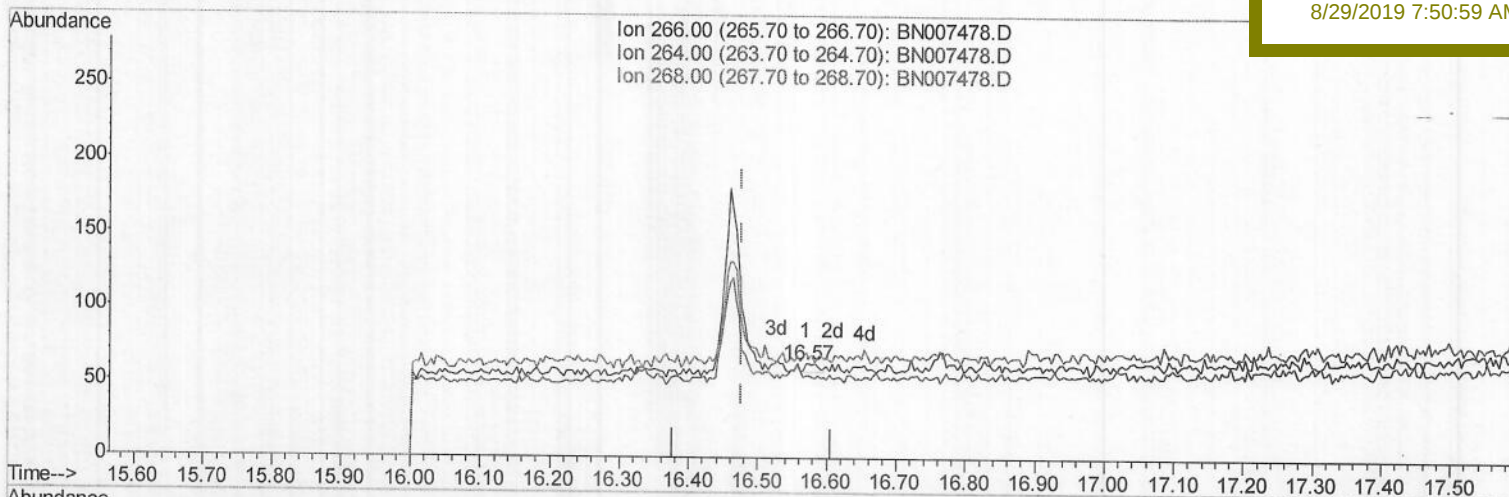
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Manual Integrations

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TIC: BN007478.D

(11) Pentachlorophenol

16.570min (+0.093) 0.00ng/ul

response 8

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	125.00#
268.00	62.70	62.50
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

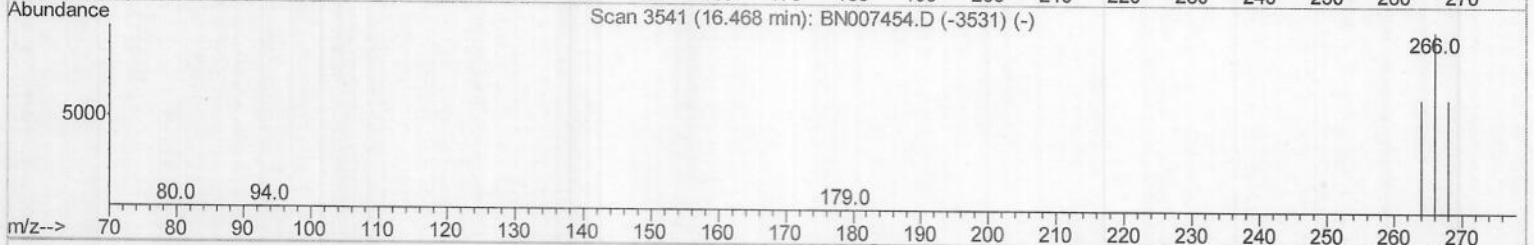
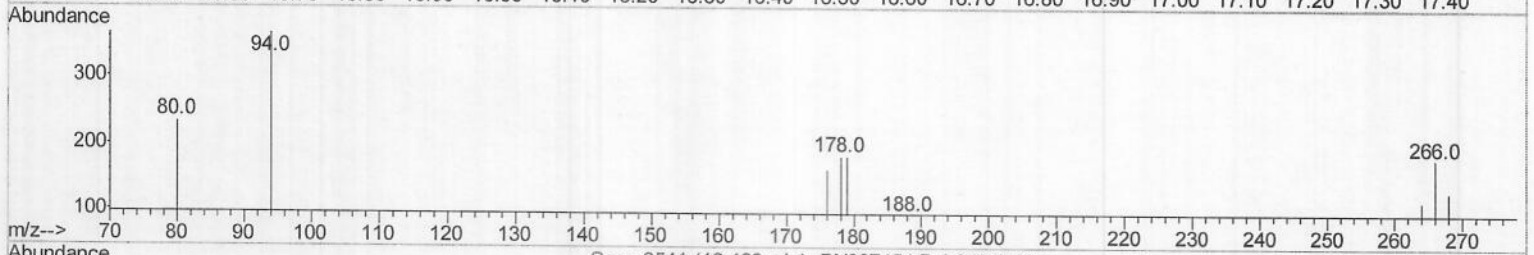
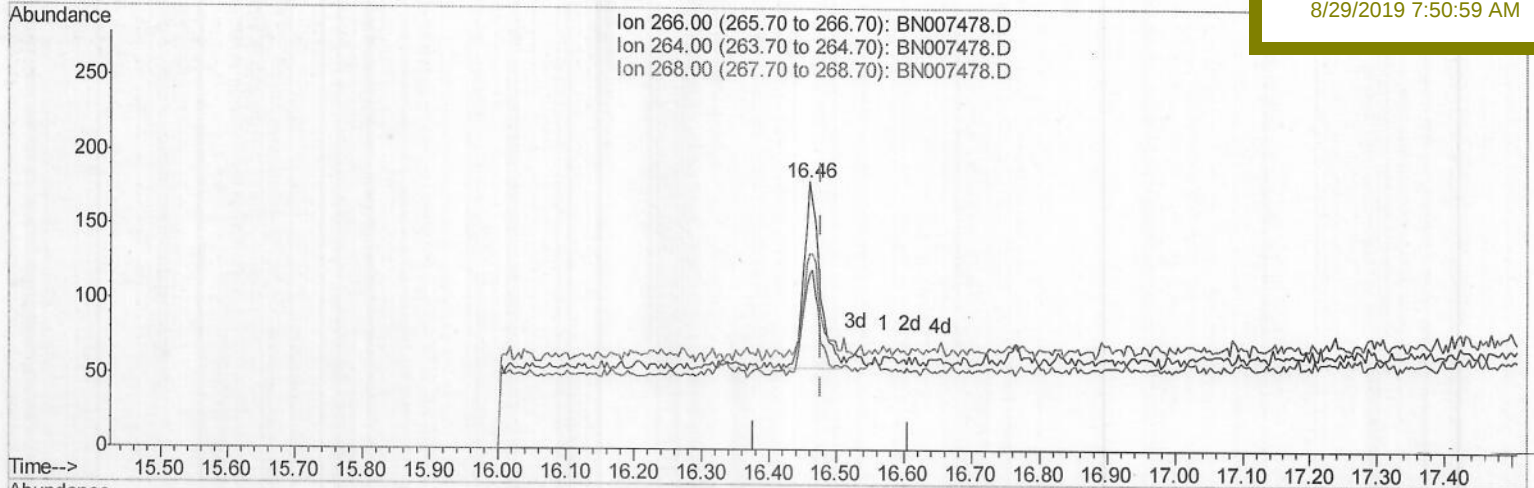
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Manual Integrations

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TIC: BN007478.D

(11) Pentachlorophenol

16.460min (-0.017) 0.04ng/ul m) JU
08/29/19

response 202

Ion	Exp%	Act%
266.00	100	100
264.00	61.30	4.95#
268.00	62.70	2.48#
0.00	0.00	0.00

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

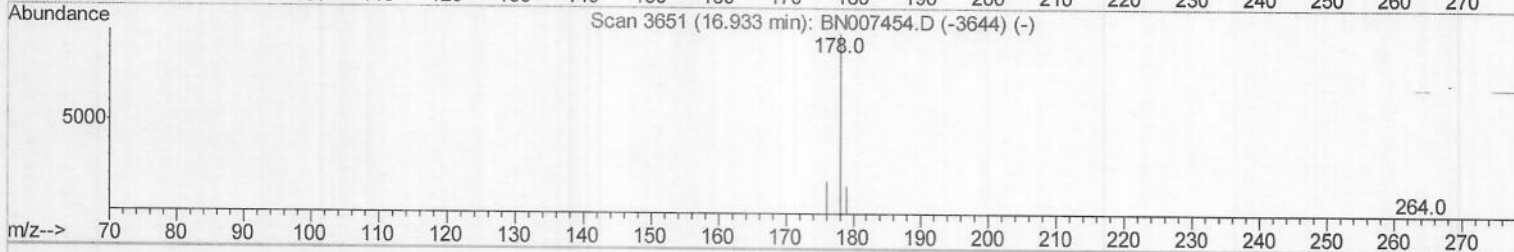
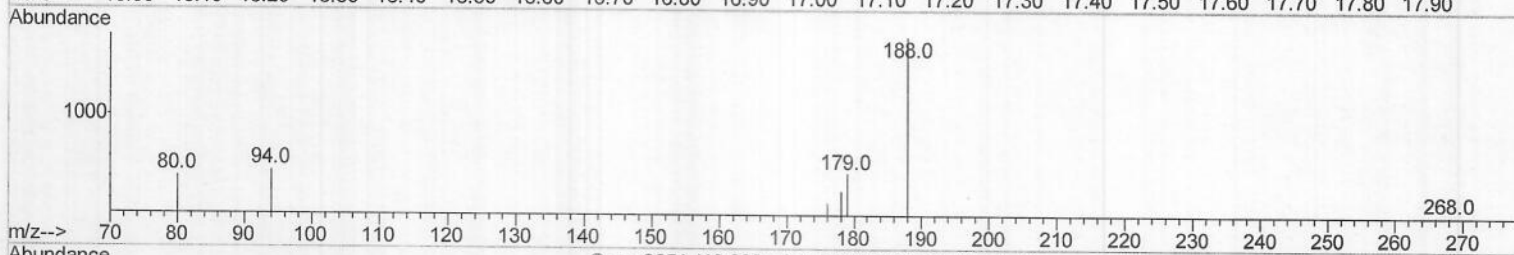
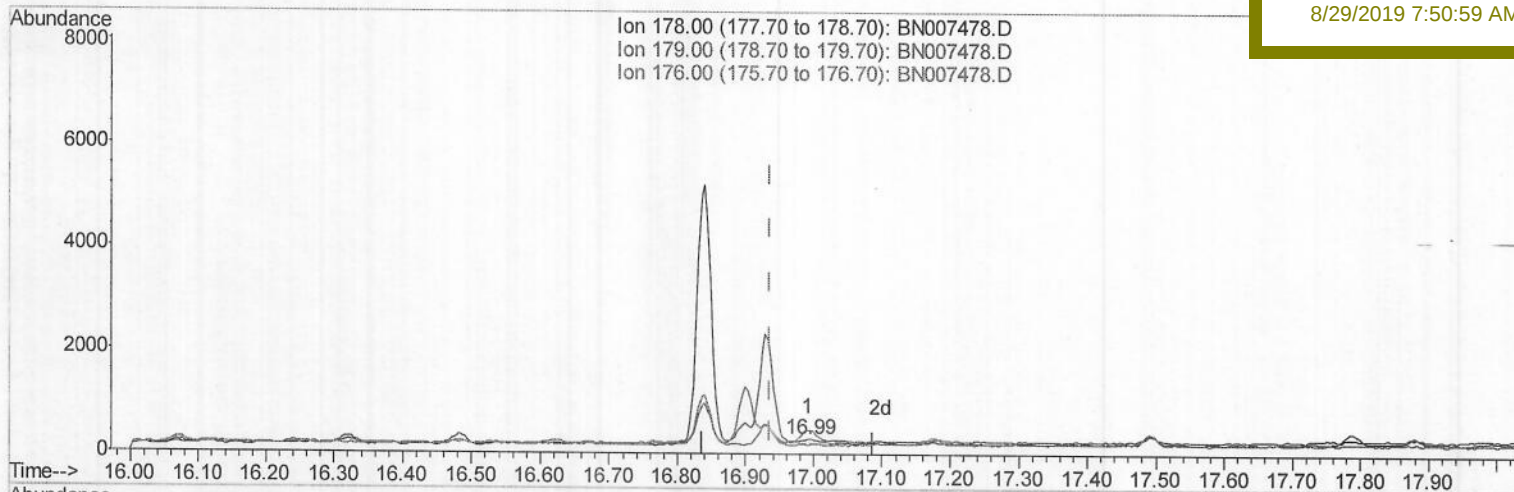
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Manual Integrations

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TIC: BN007478.D

(13) Anthracene

16.992min (+0.055) 0.00ng/ul

response 138

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	160.70#
176.00	18.20	61.05#
0.00	0.00	0.00

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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

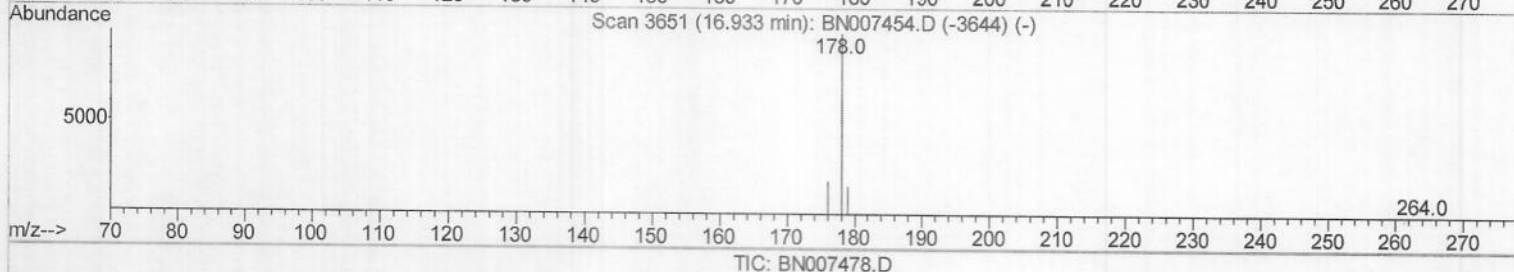
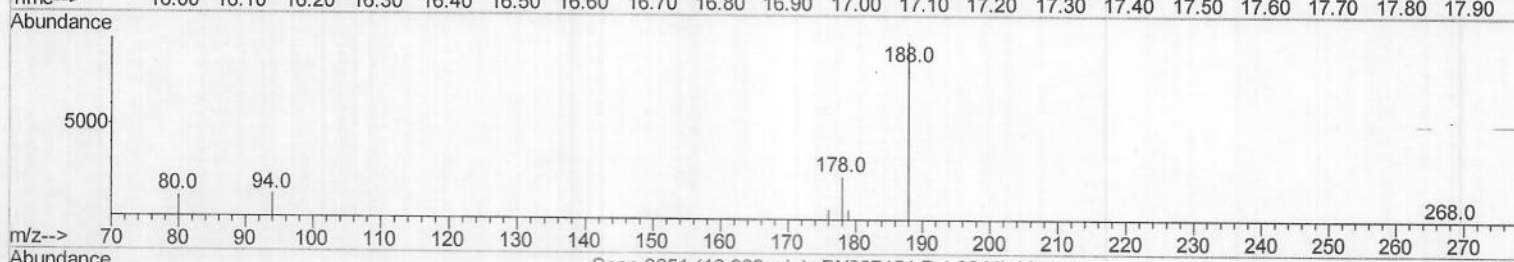
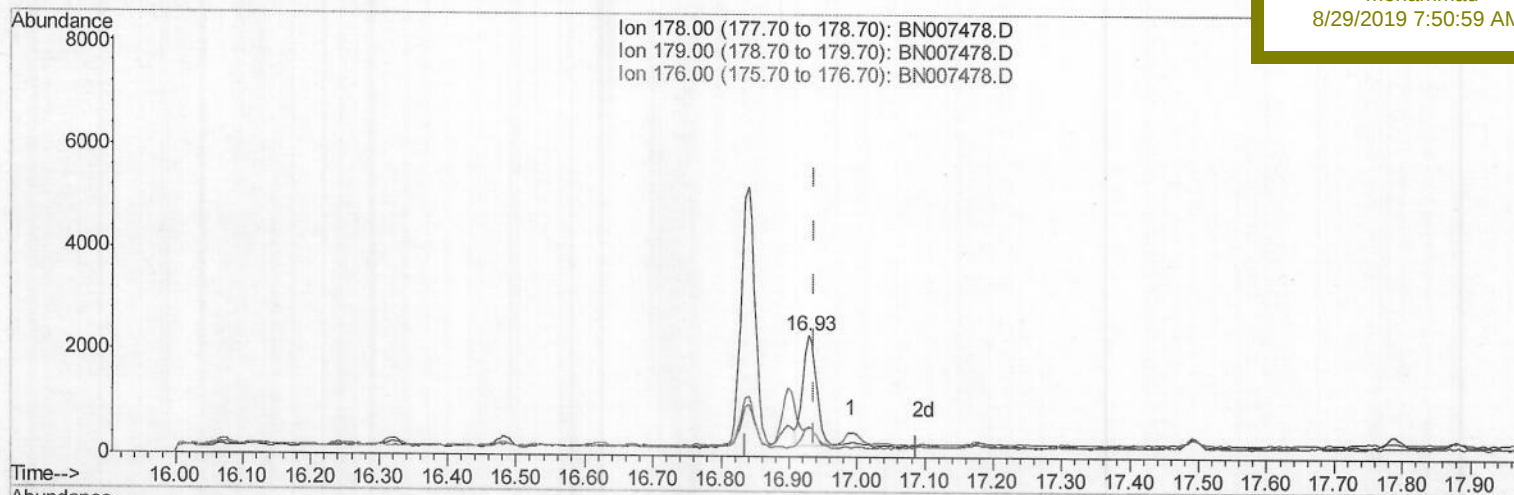
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AF4

Manual Integrations
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(13) Anthracene

16.929min (-0.008) 0.04ng/ul m) JU
08/29/19

response 2952

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	23.62#
176.00	18.20	24.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

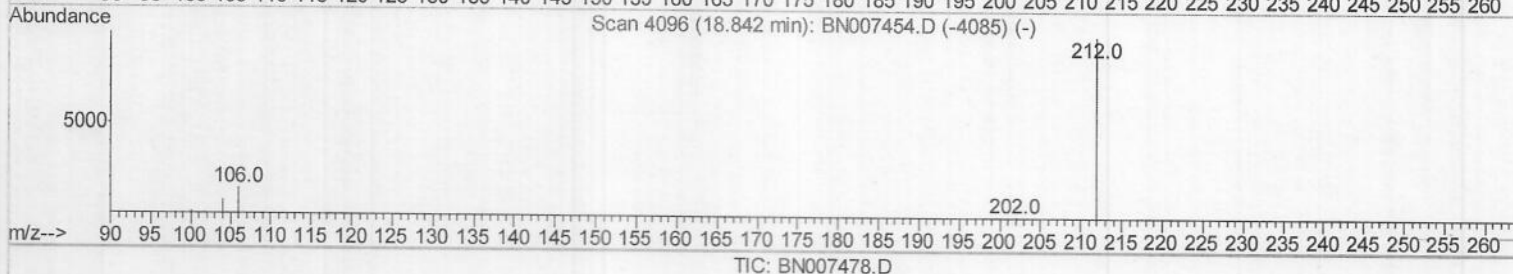
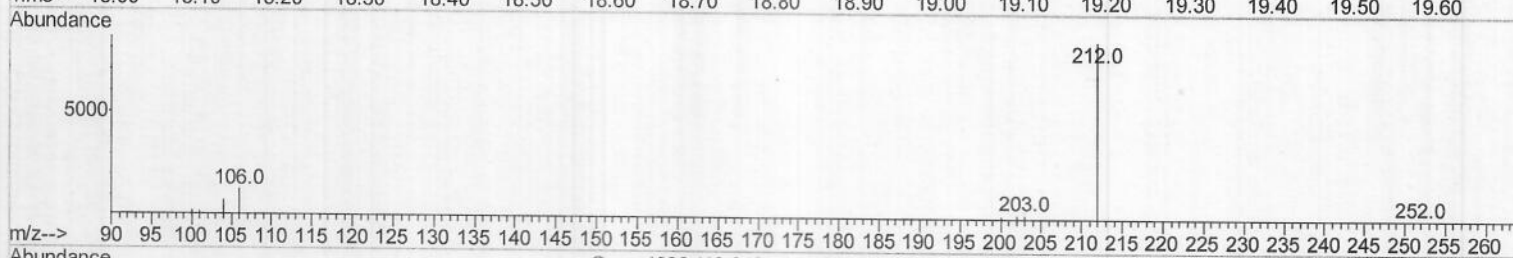
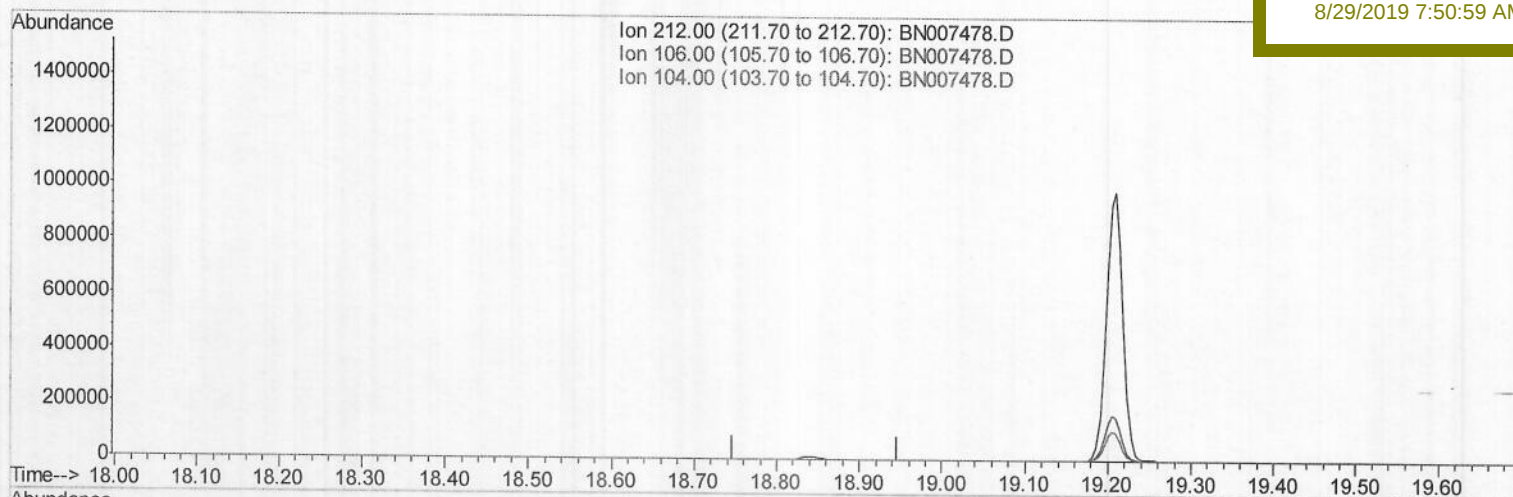
C0AF4

Manual Integrations

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(14) Fluoranthene-d10 (SURRE)

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

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

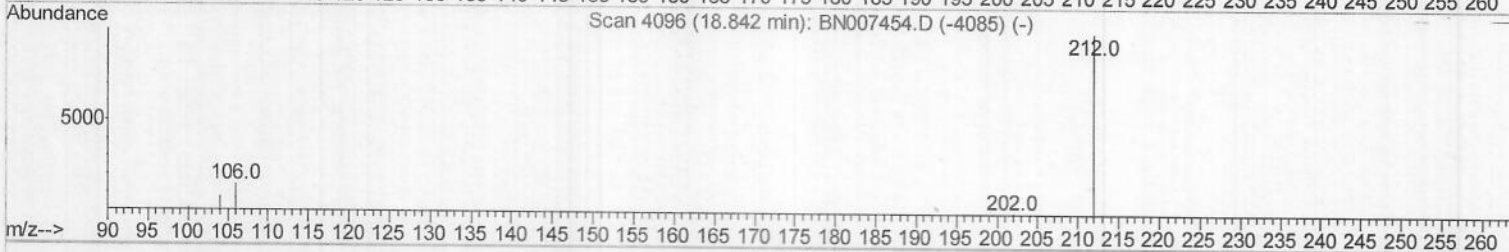
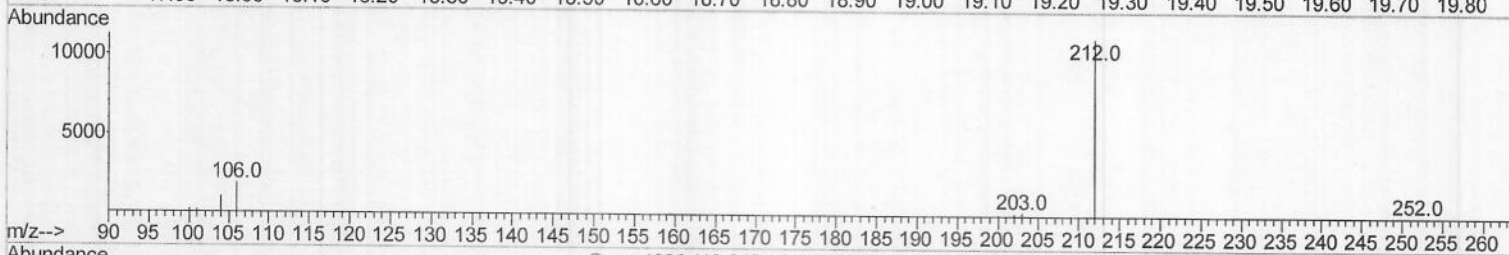
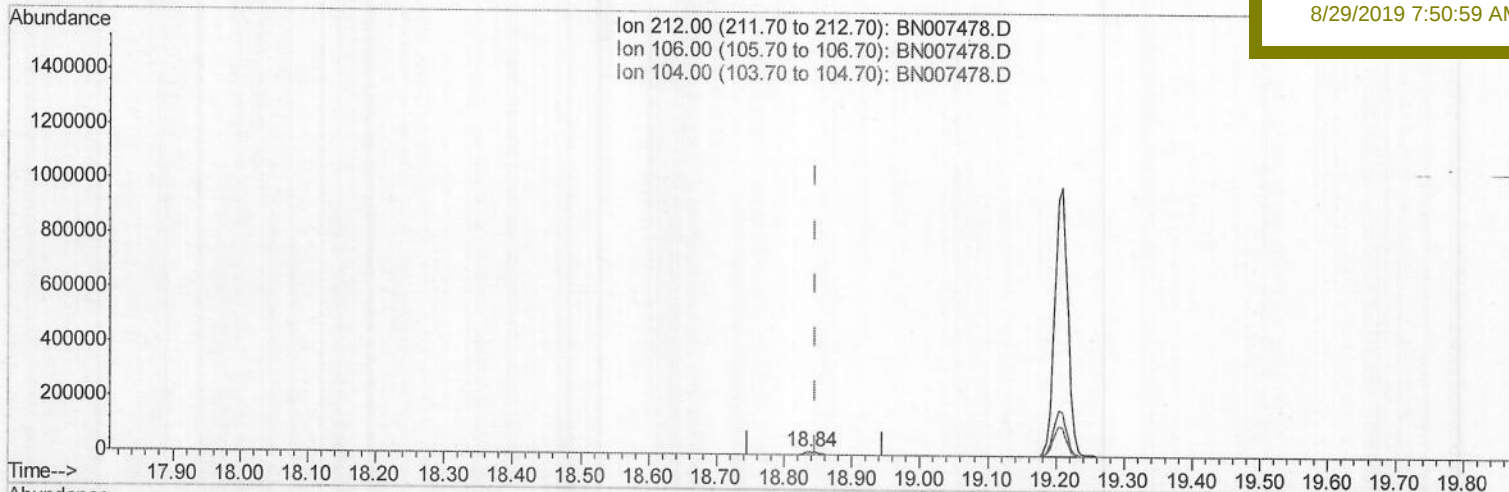
C0AF4

Manual Integrations

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TIC: BN007478.D

(14) Fluoranthene-d10 (SURR)

18.837min (-0.009) 0.20ng/ul m

response 15625

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

JU
08/29/19

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 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 :

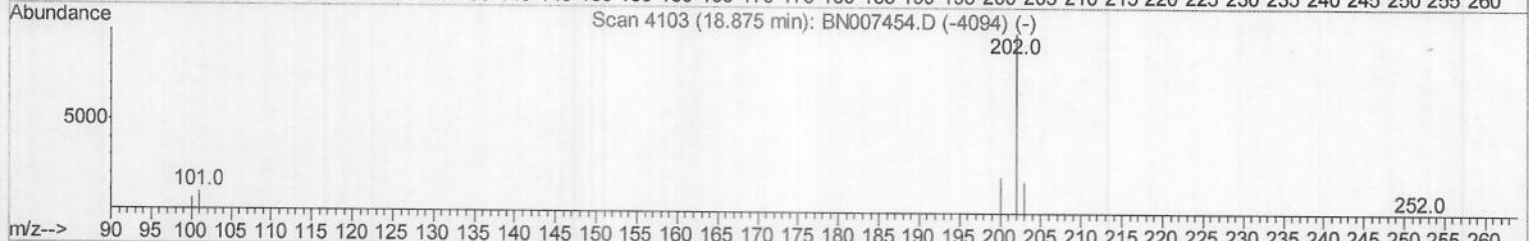
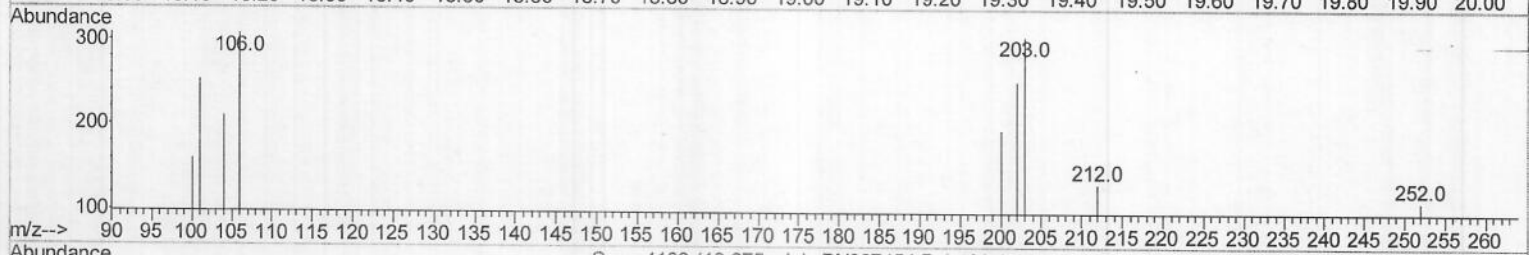
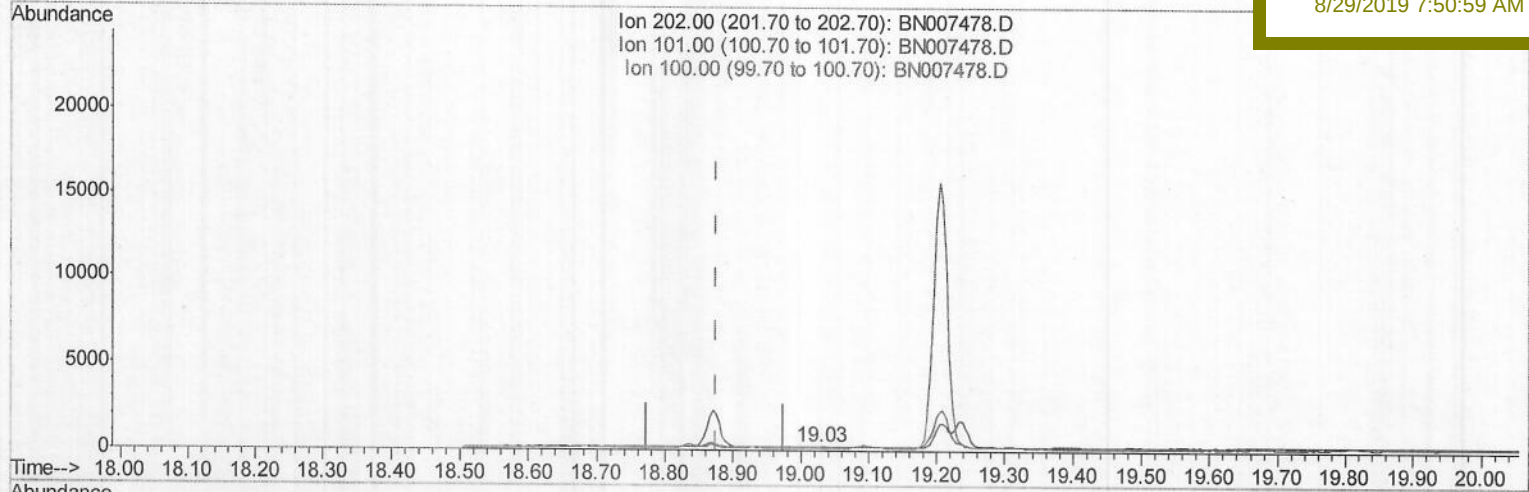
C0AF4

Manual Integrations

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TIC: BN007478.D

(15) Fluoranthene (C)

19.028min (+0.153) 0.00ng/ul

response 131

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	100.00#
100.00	8.50	63.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 28 Aug 2019 21:00

Operator : HP/JU

Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

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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 :

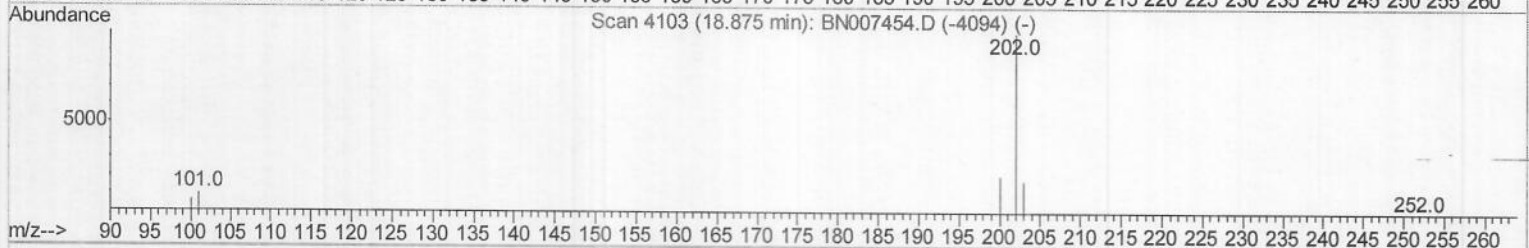
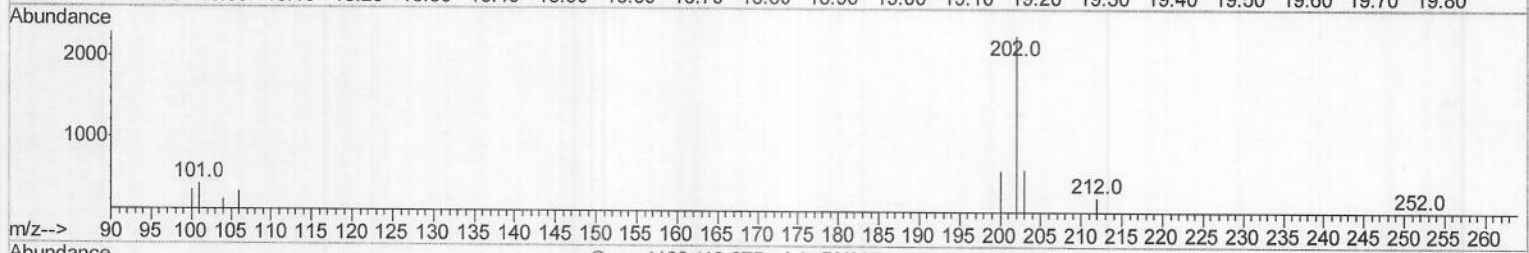
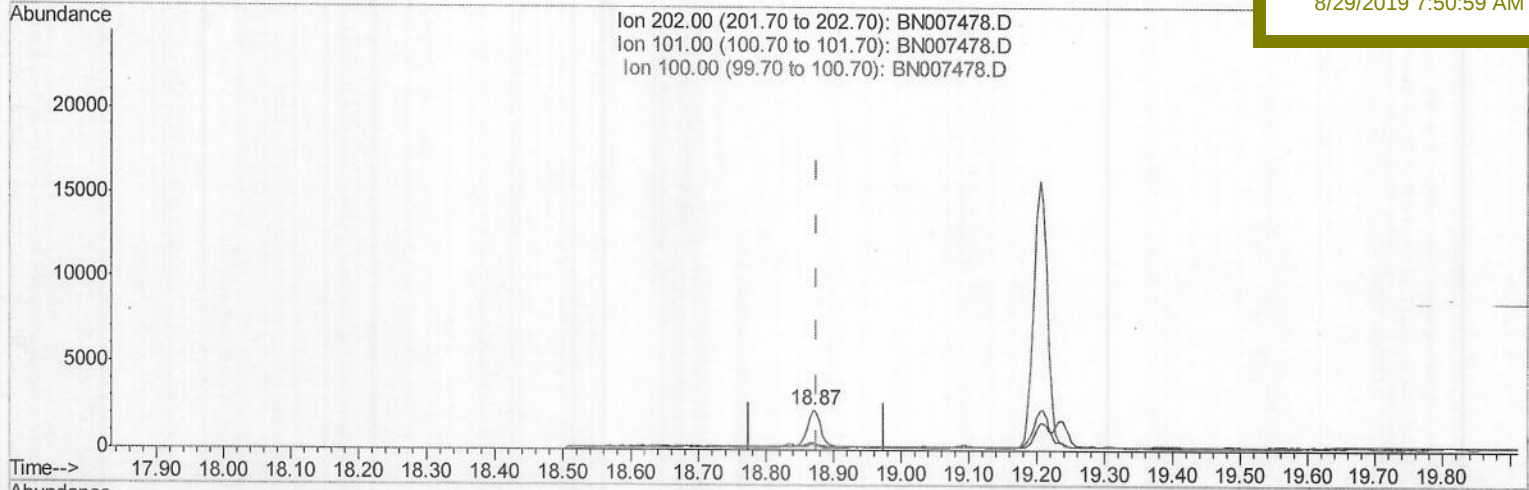
C0AF4

Manual Integrations

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8/29/2019 7:50:59 AM



TIC: BN007478.D

(15) Fluoranthene (C)

18.870min (-0.005) 0.03ng/ul m

response 2897

Ion	Exp%	Act%
202.00	100	100
101.00	11.30	18.01
100.00	8.50	14.26
0.00	0.00	0.00

) JU
08/29/14

Quantitation Report (Qedit)

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

Data File : BN007478.D

Acq On : 28 Aug 2019 21:00

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Sample : K4373-06

Misc :

ALS Vial : 51 Sample Multiplier: 1

Quant Time: Aug 28 23:45:10 2019

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

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

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

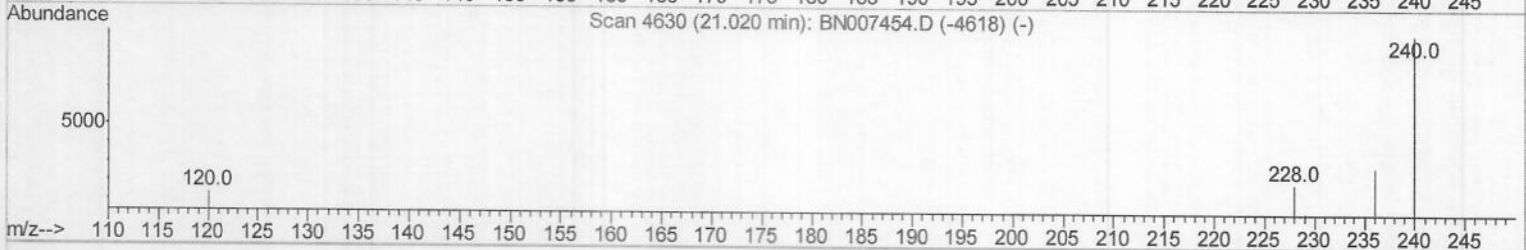
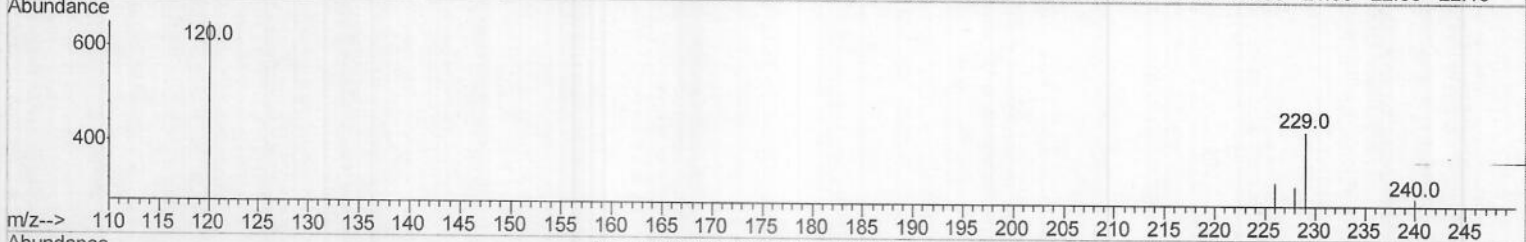
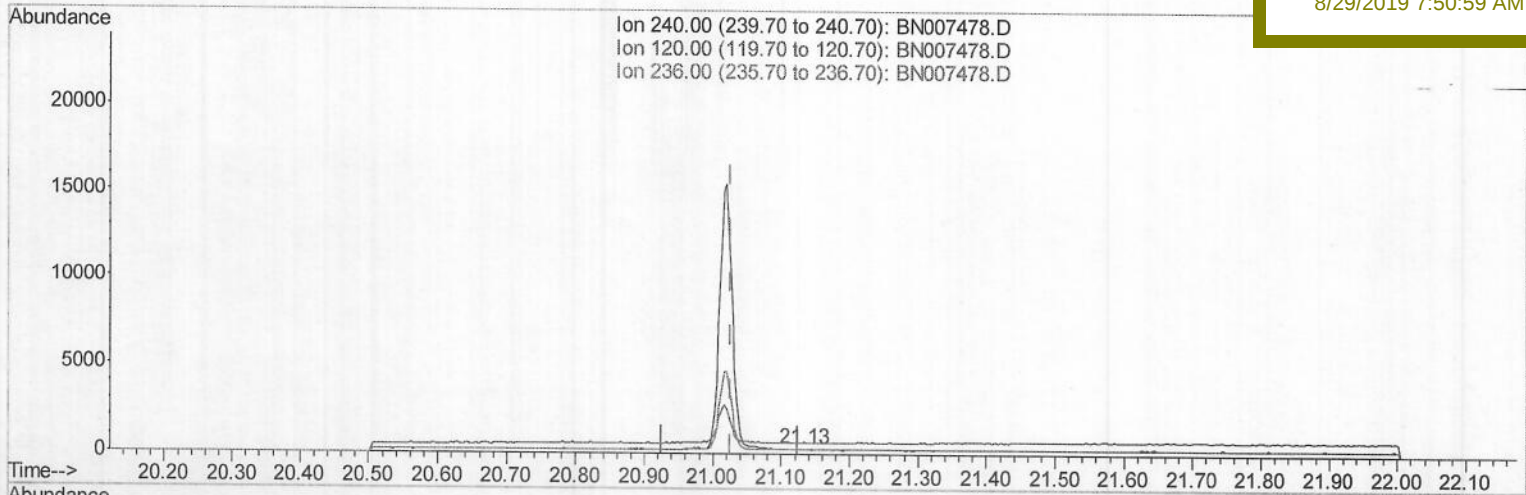
C0AF4

Manual Integrations

APPROVED

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8/29/2019 7:50:59 AM



TIC: BN007478.D

(16) Chrysene-d12 (I)

21.131min (+0.105) 0.40ng/ul

response 77

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	225.35#
236.00	28.60	94.79#
0.00	0.00	0.00

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

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Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

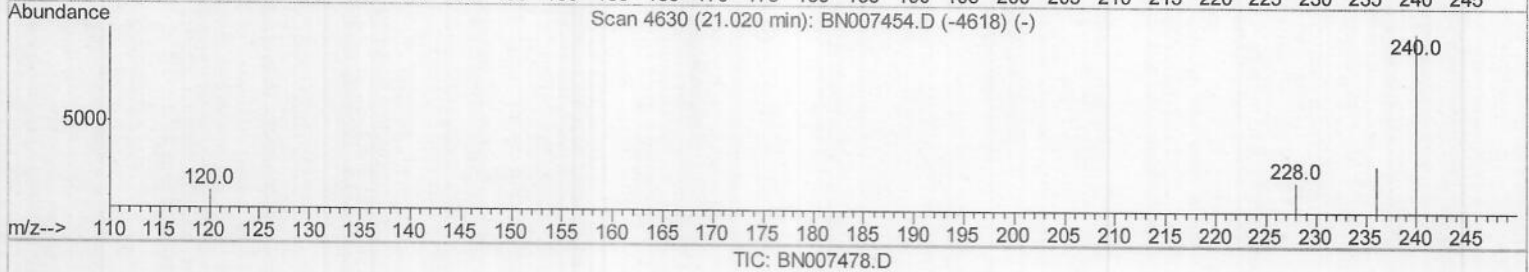
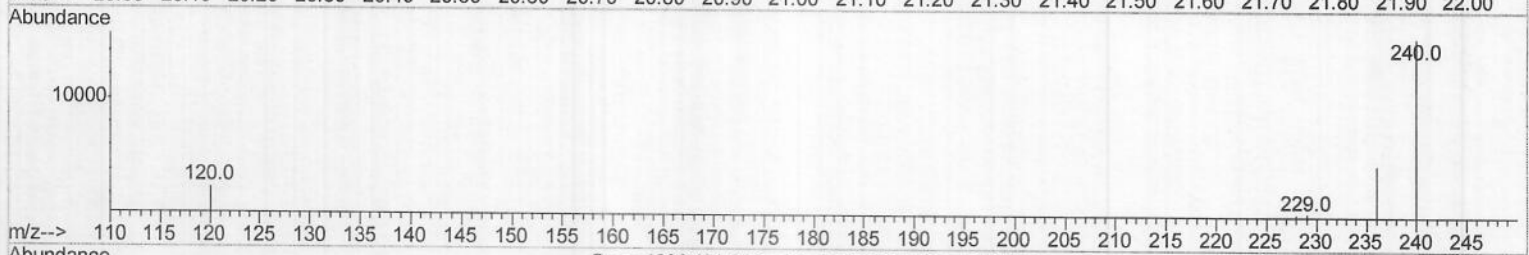
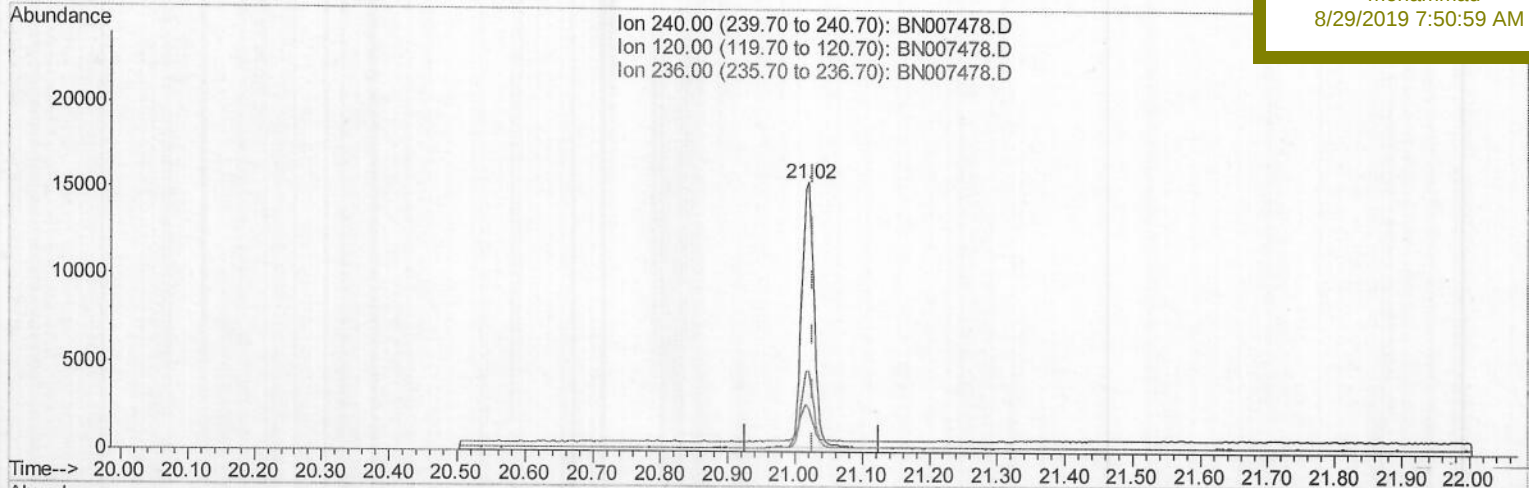
C0AF4

Manual Integrations

APPROVED

mohammad

8/29/2019 7:50:59 AM



(16) Chrysene-d12 (I)

21.020min (-0.006) 0.40ng/ul m

response 19329

Ion	Exp%	Act%
240.00	100	100
120.00	15.00	16.38
236.00	28.60	30.03
0.00	0.00	0.00

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007478.D
 Acq On : 28 Aug 2019 21:00
 Operator : HP/JU
 Sample : K4373-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF4

Manual Integrations
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 8/29/2019 7:50:59 AM

Quant Time: Aug 28 23:48:17 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	4717	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	20679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	10672	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.80	188	24158m	0.40	ng/ul	0.00
16) Chrysene-d12	21.02	240	19329m	0.40	ng/ul	0.00
20) Perylene-d12	23.12	264	24681	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.75	152	6475	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.84	212	15625m	0.20	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.20	128	2489	0.043	ng/ul#	85
8) Acenaphthene	14.11	153	1806	0.042	ng/ul	96
9) Fluorene	15.11	166	6351	0.138	ng/ul	98
11) Pentachlorophenol	16.46	266	202m	0.037	ng/ul	
12) Phenanthrene	16.84	178	7344	0.097	ng/ul	93
13) Anthracene	16.93	178	2952m	0.042	ng/ul	
15) Fluoranthene	18.87	202	2897m	0.029	ng/ul	

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