

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:58:54 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

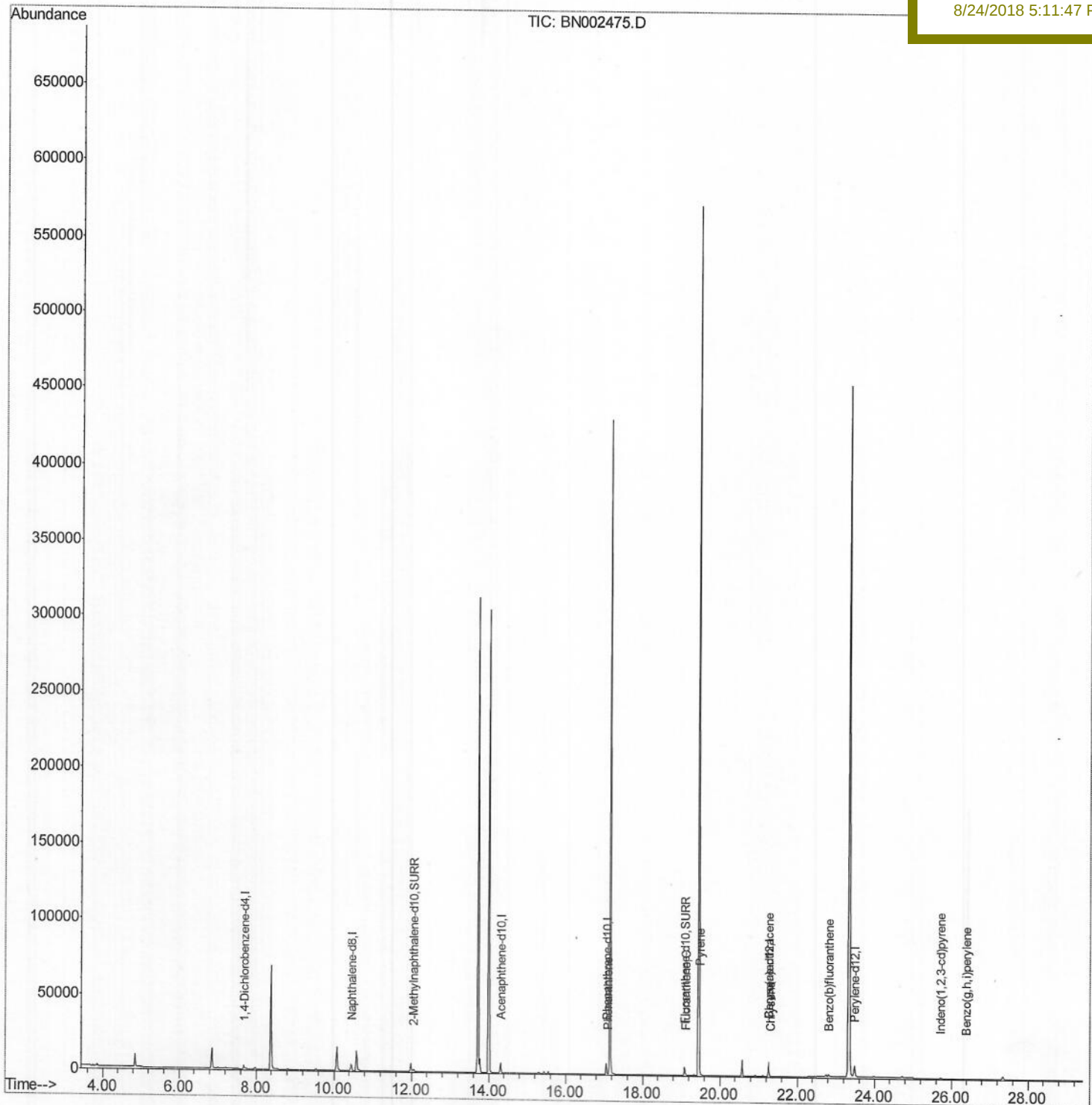
ClientSampled :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 00:56:02 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

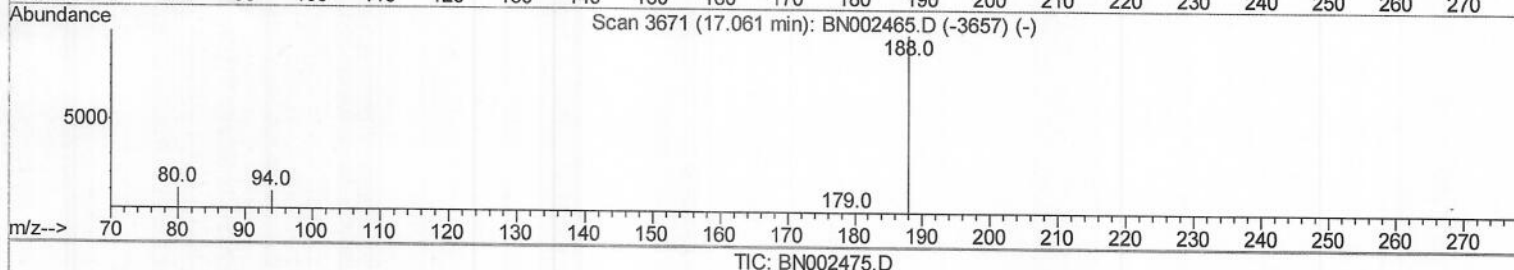
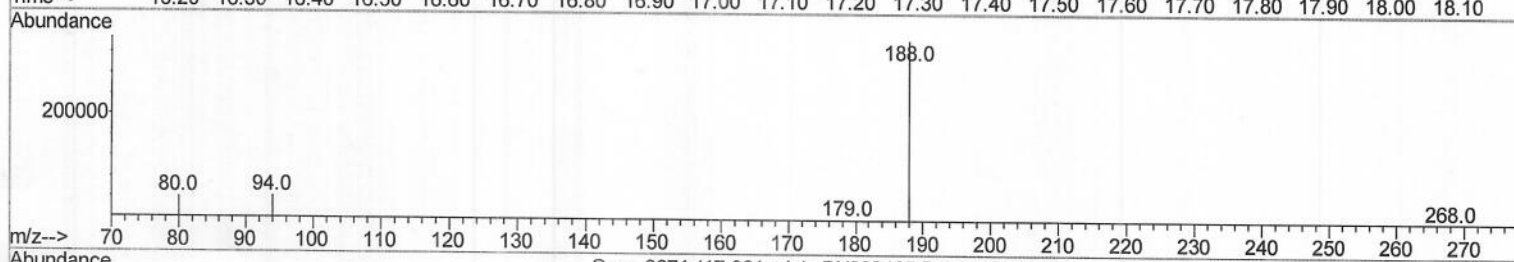
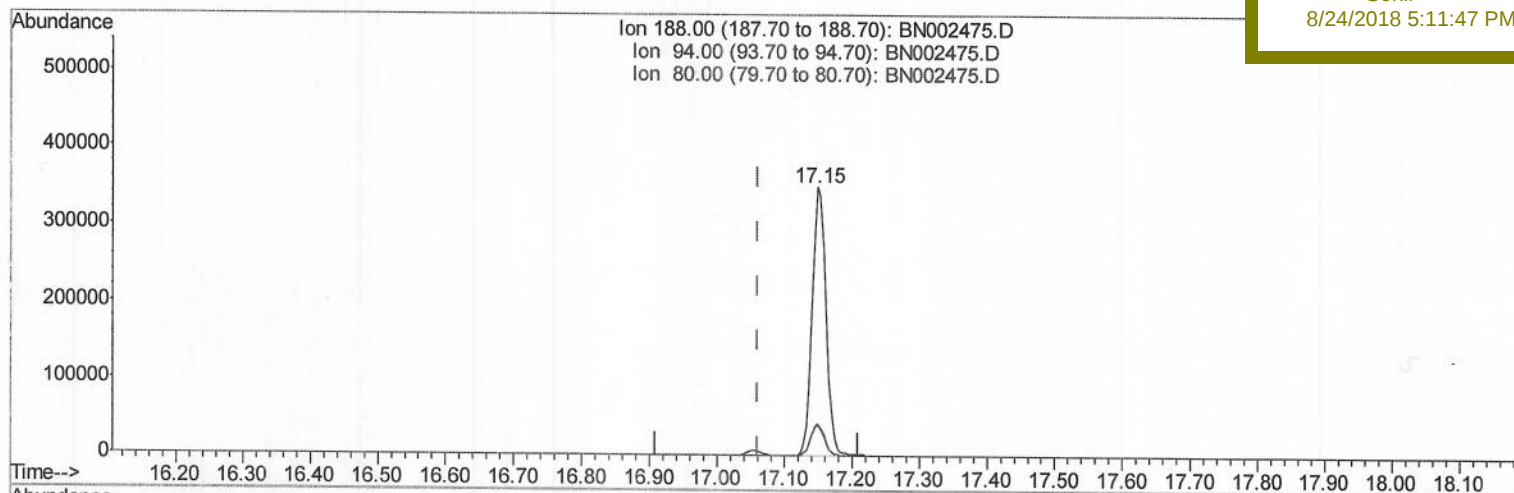
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



(10) Phenanthrene-d10 (I)

17.149min (+0.089) 0.40ng/ul

response 490572

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.05
80.00	11.80	11.38
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 00:56:02 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

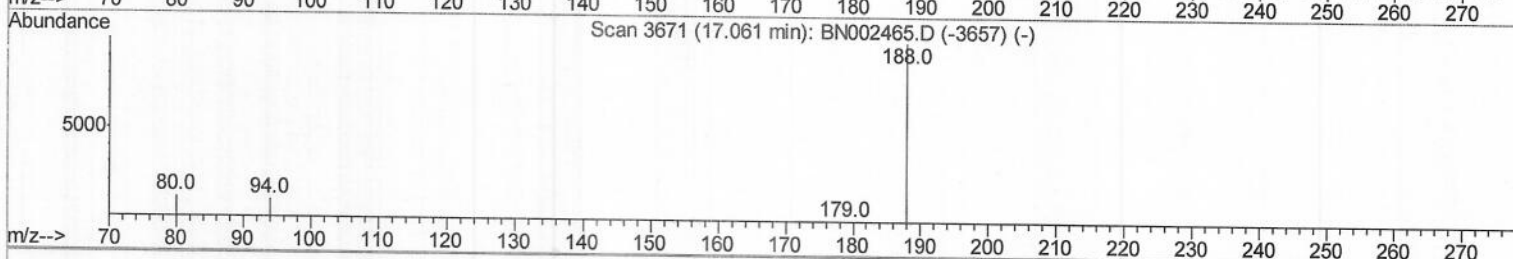
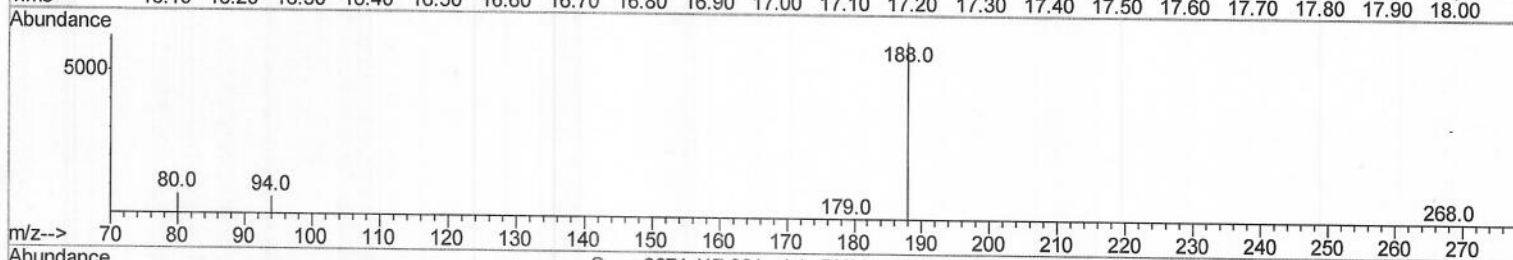
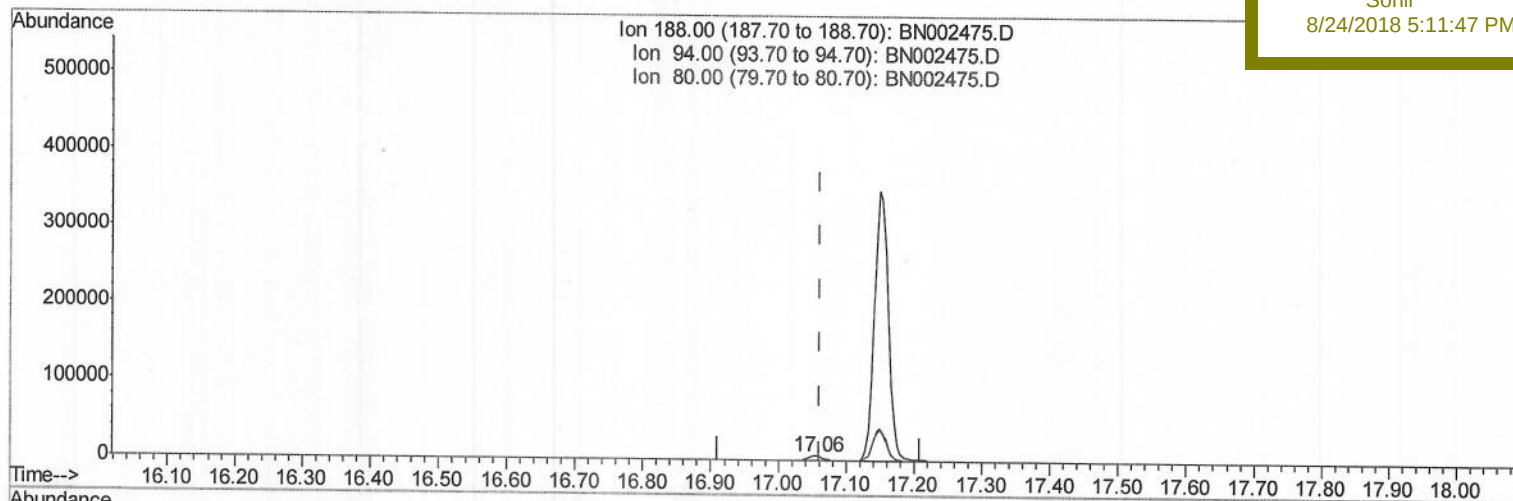
Client Sampled :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(10) Phenanthrene-d10 (I)

17.056min (-0.004) 0.40ng/ul m

response 9007

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.61
80.00	11.80	11.94
0.00	0.00	0.00

SJ
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:50:33 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

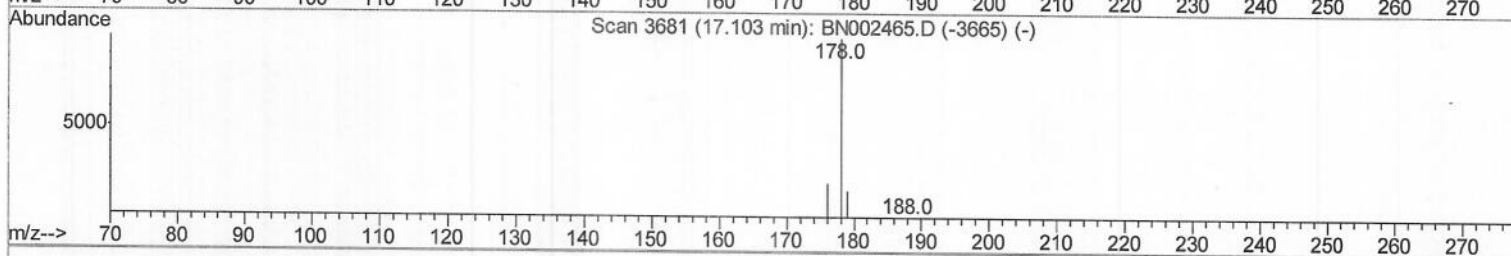
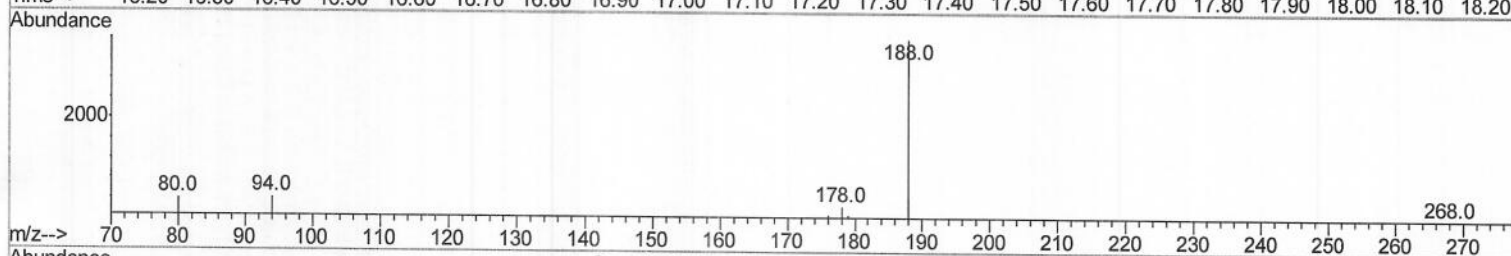
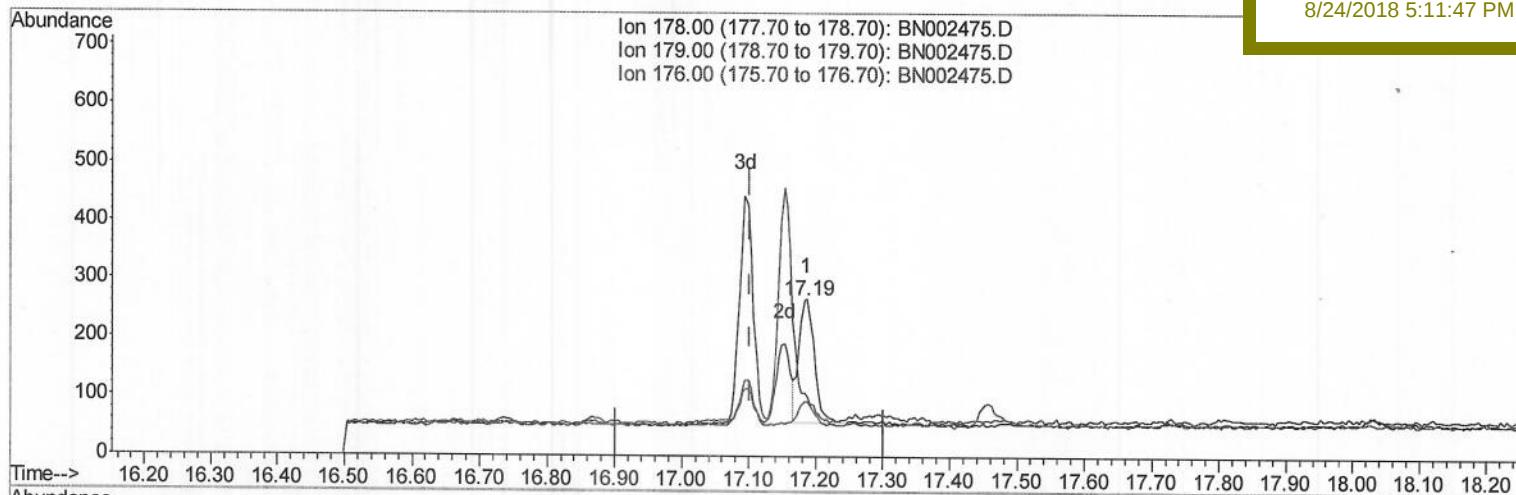
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(12) Phenanthrene

17.187min (+0.084) 0.01ng/ul

response 332

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	37.97#
176.00	17.00	34.21#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:50:33 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

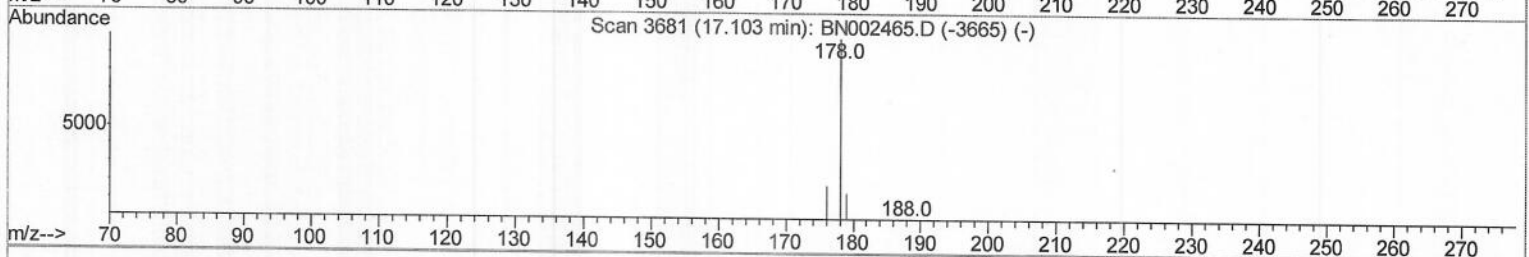
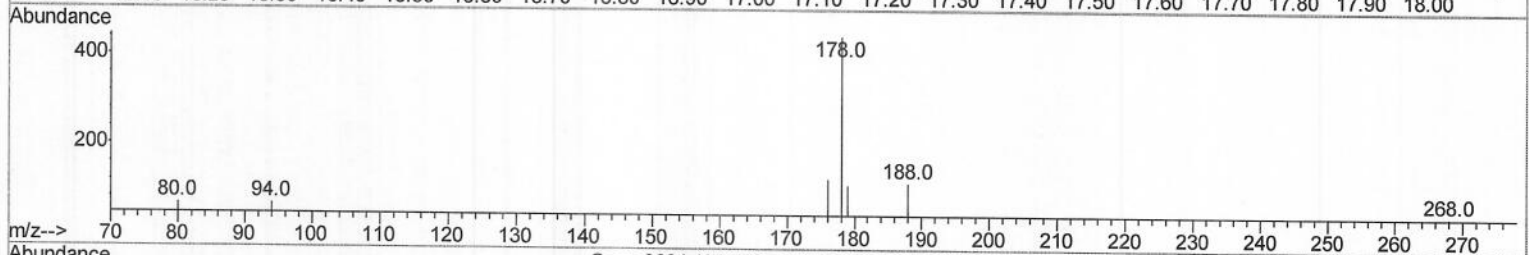
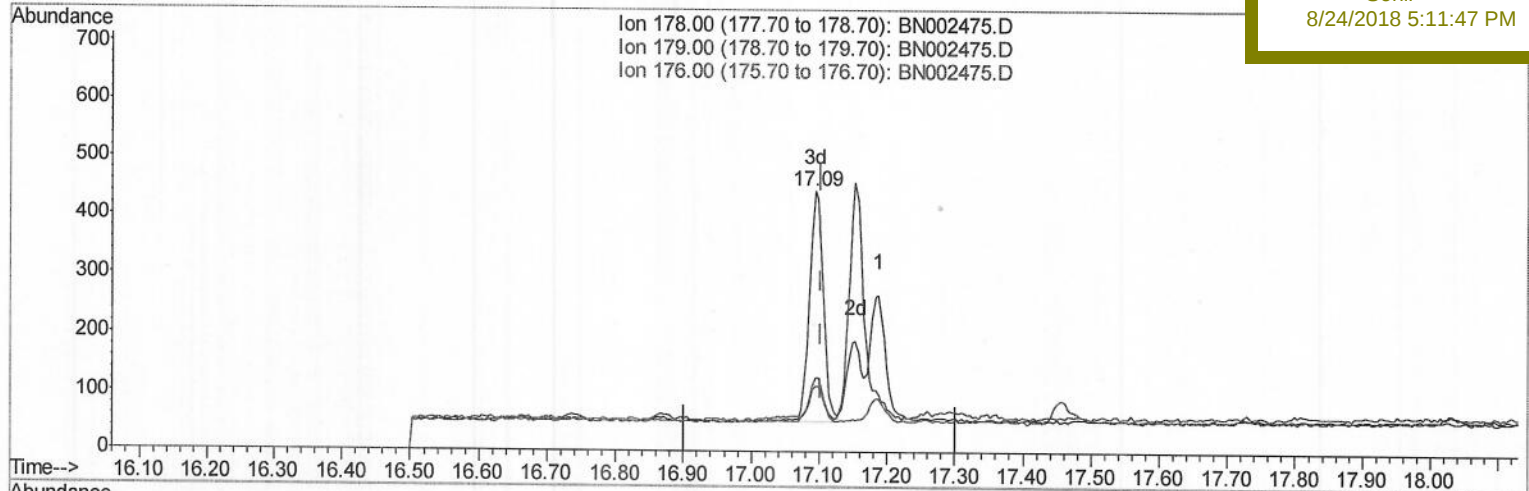
C0AA9

Manual Integrations

APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(12) Phenanthrene

17.094min (-0.008) 0.02ng/ul m

response 551

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	25.39
176.00	17.00	28.54#
0.00	0.00	0.00

SJ
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

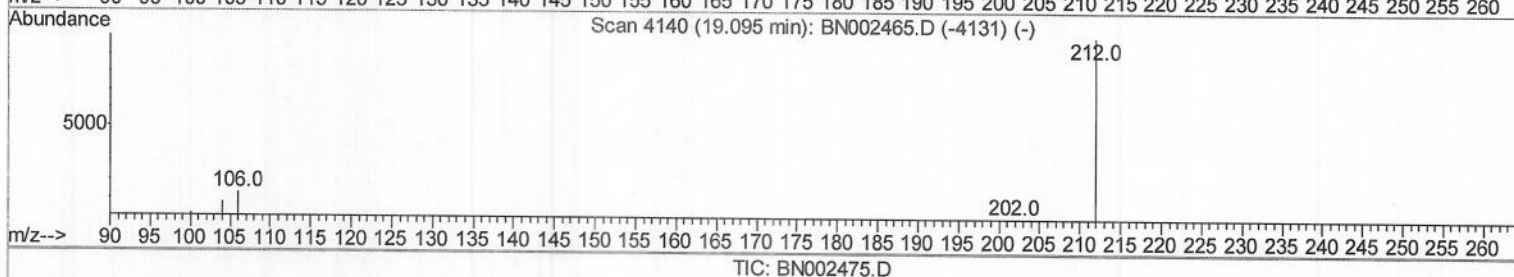
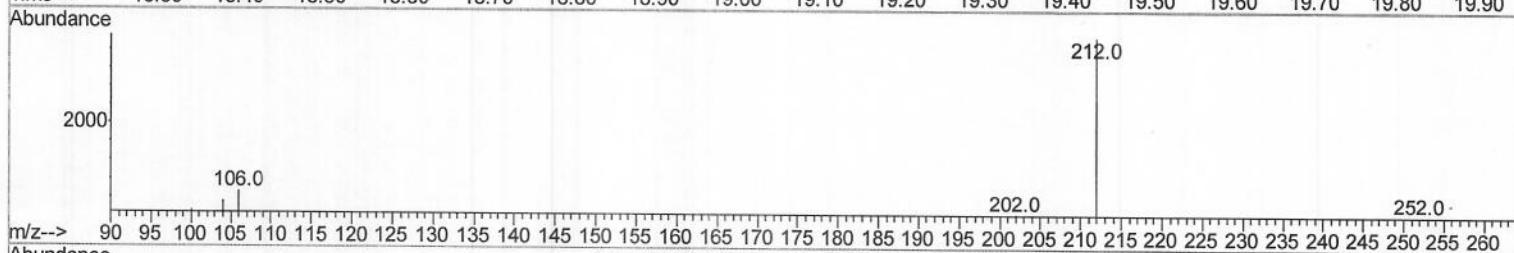
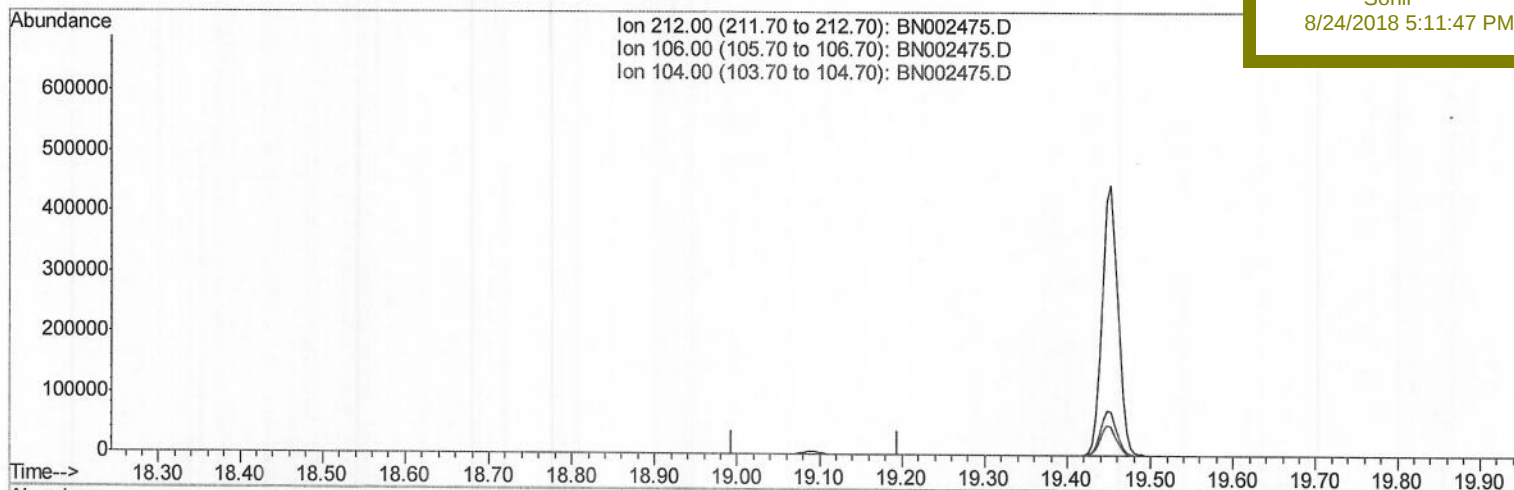
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



(14) Fluoranthene-d10 (SURR)

19.095min (-19.095) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

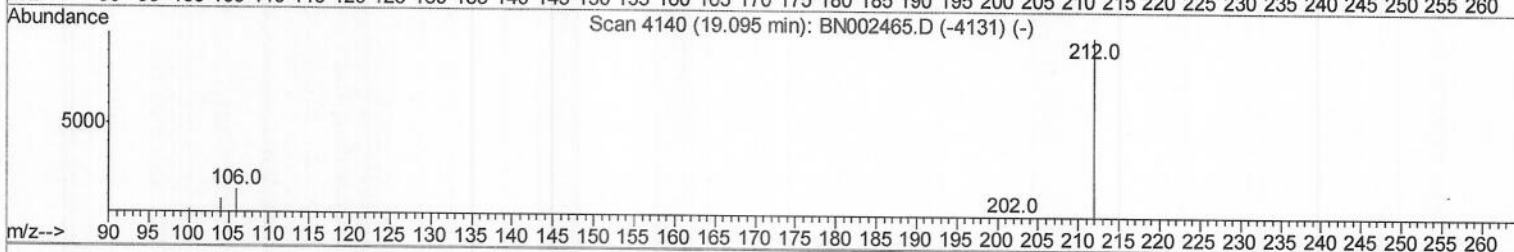
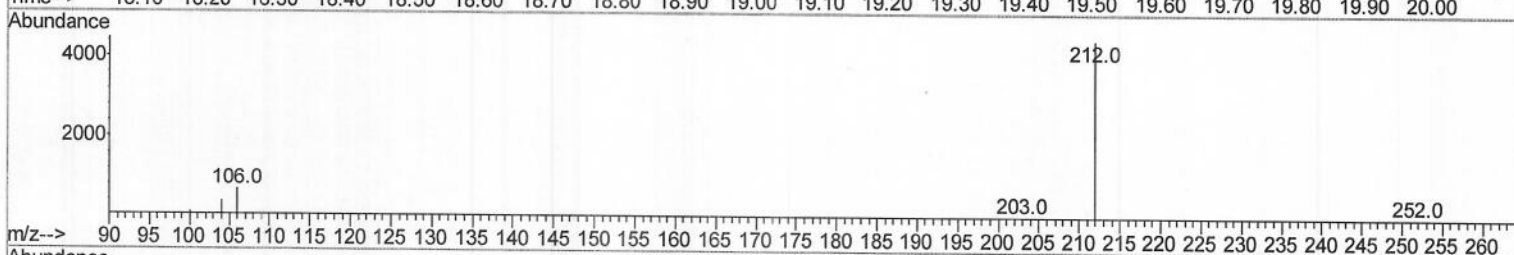
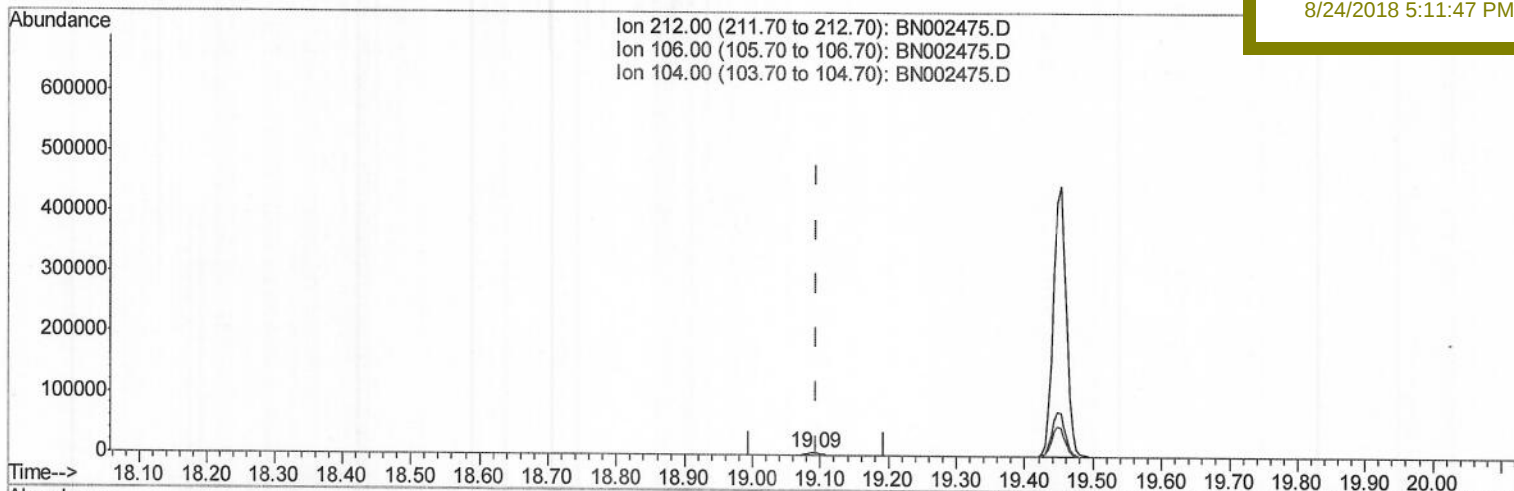
C0AA9

Manual Integrations

APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(14) Fluoranthene-d10 (SURR)

19.090min (-0.005) 0.24ng/ul m

response 6294

Ion Exp% Act%

212.00 100 100

106.00 18.30 0.00#

104.00 15.60 0.00#

0.00 0.00 0.00

57
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

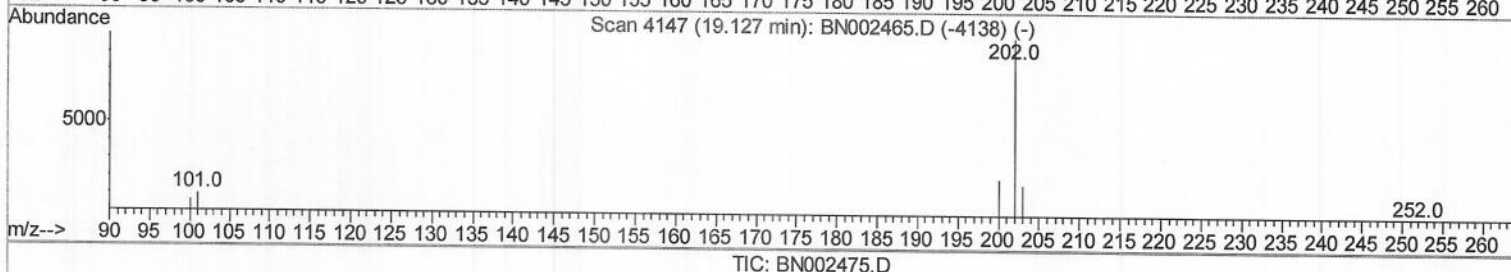
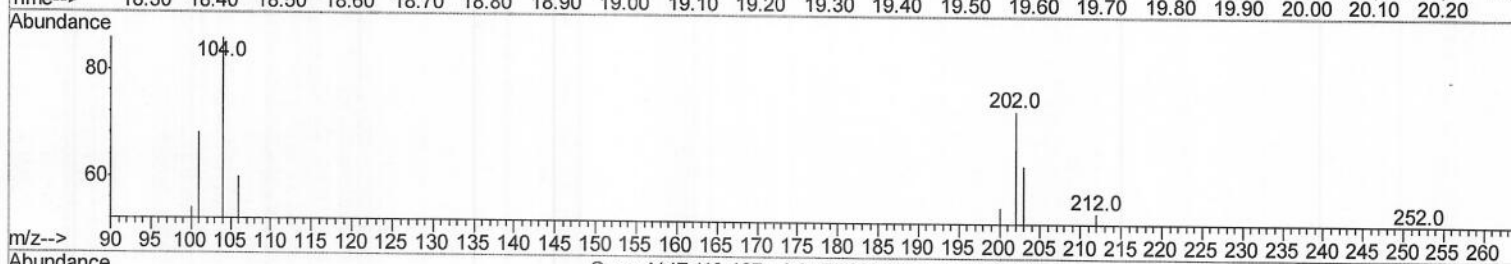
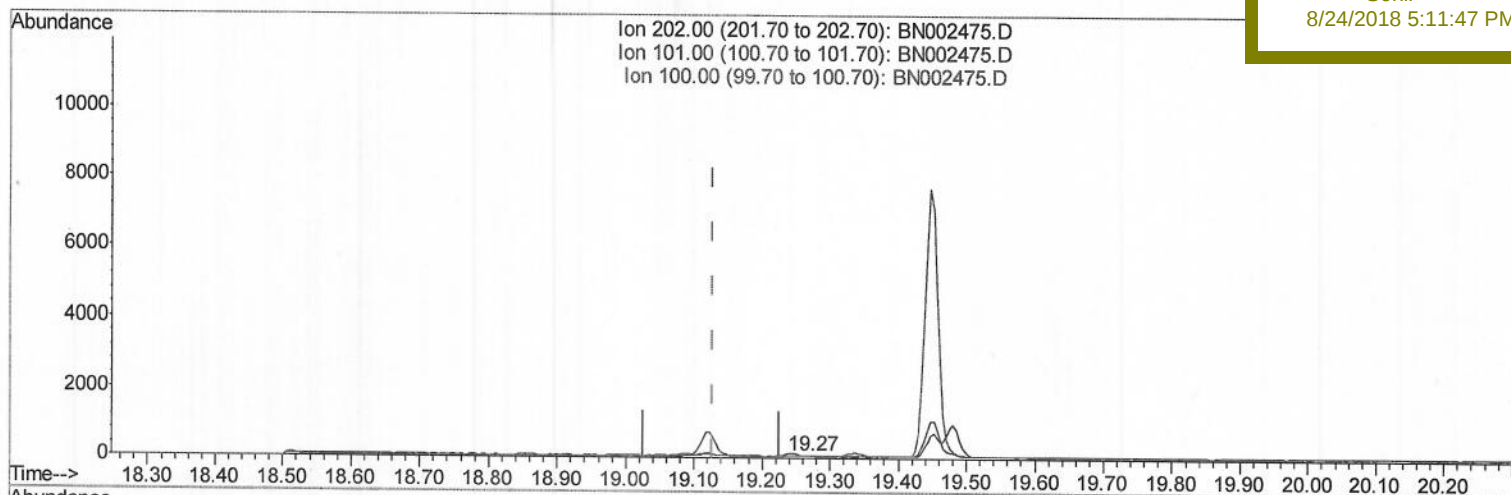
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



(15) Fluoranthene (C)

19.271min (+0.144) 0.00ng/ul

response 23

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	93.15#
100.00	10.00	73.97#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

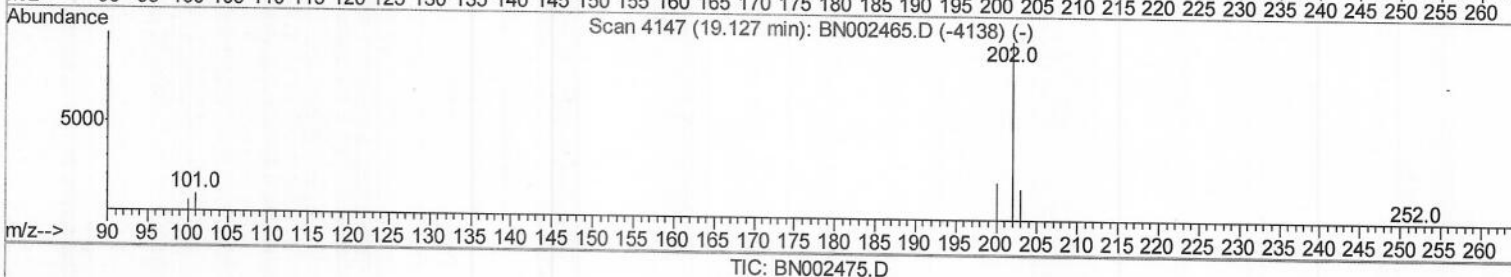
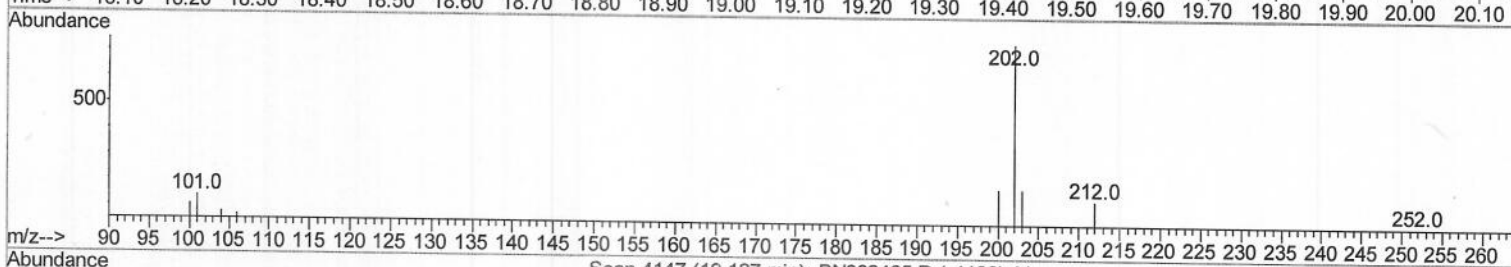
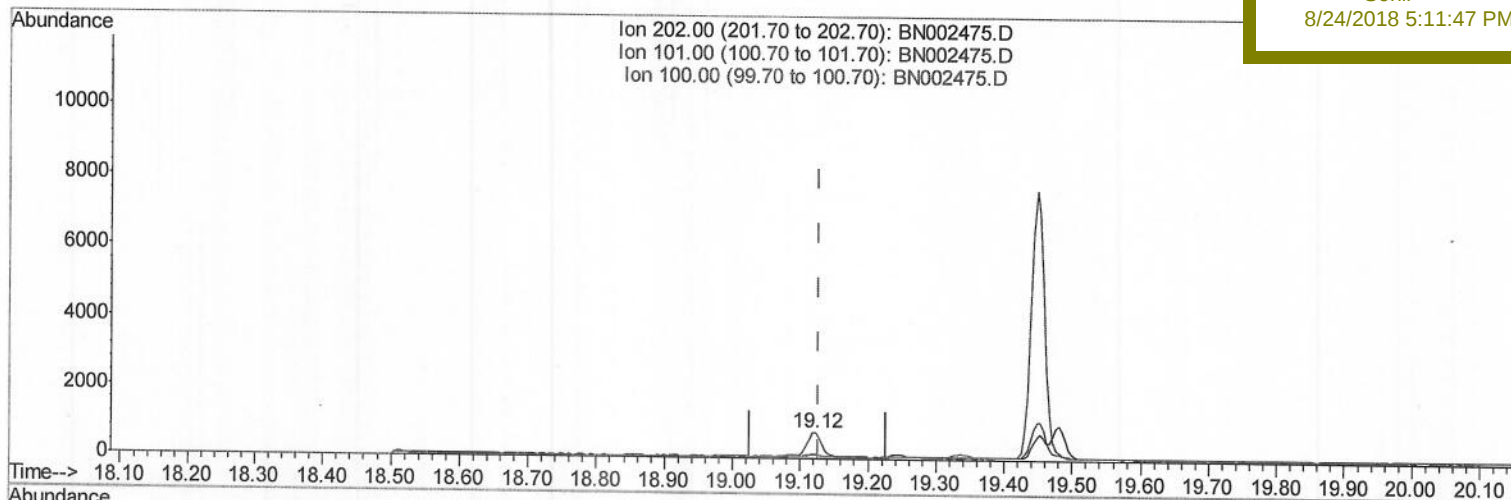
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



(15) Fluoranthene (C)

19.123min (-0.005) 0.03ng/ul m

response 1030

Ion	Exp%	Act%
202.00	100	100
101.00	10.00	18.47
100.00	10.00	14.46
0.00	0.00	0.00

SJ
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

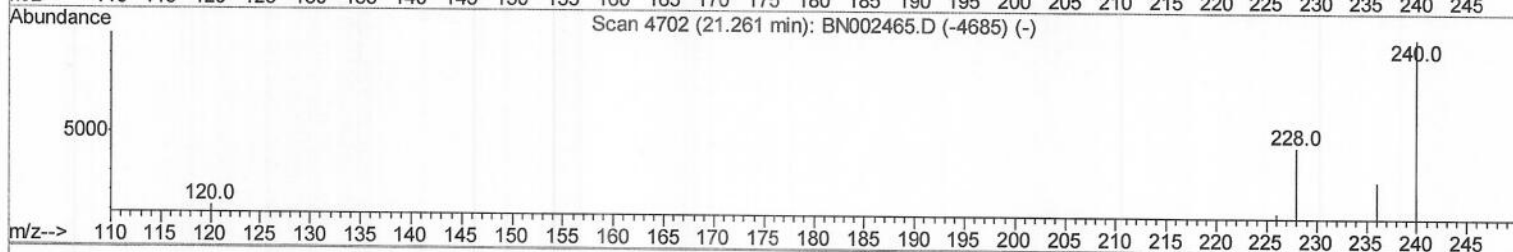
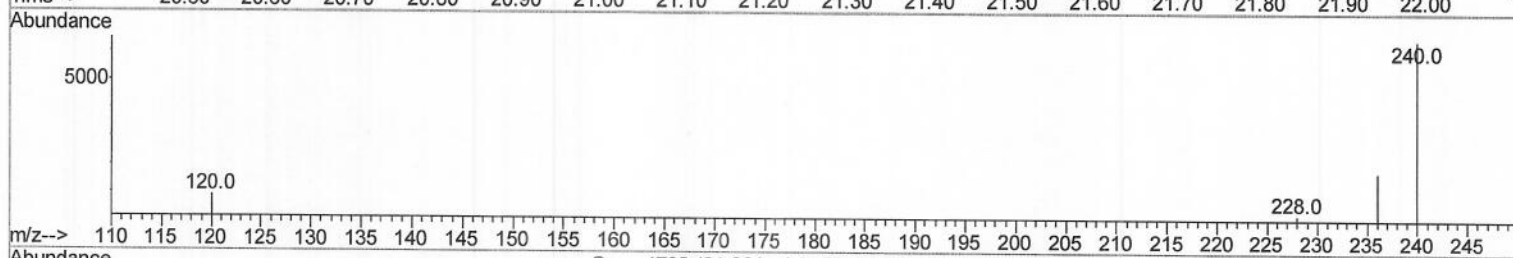
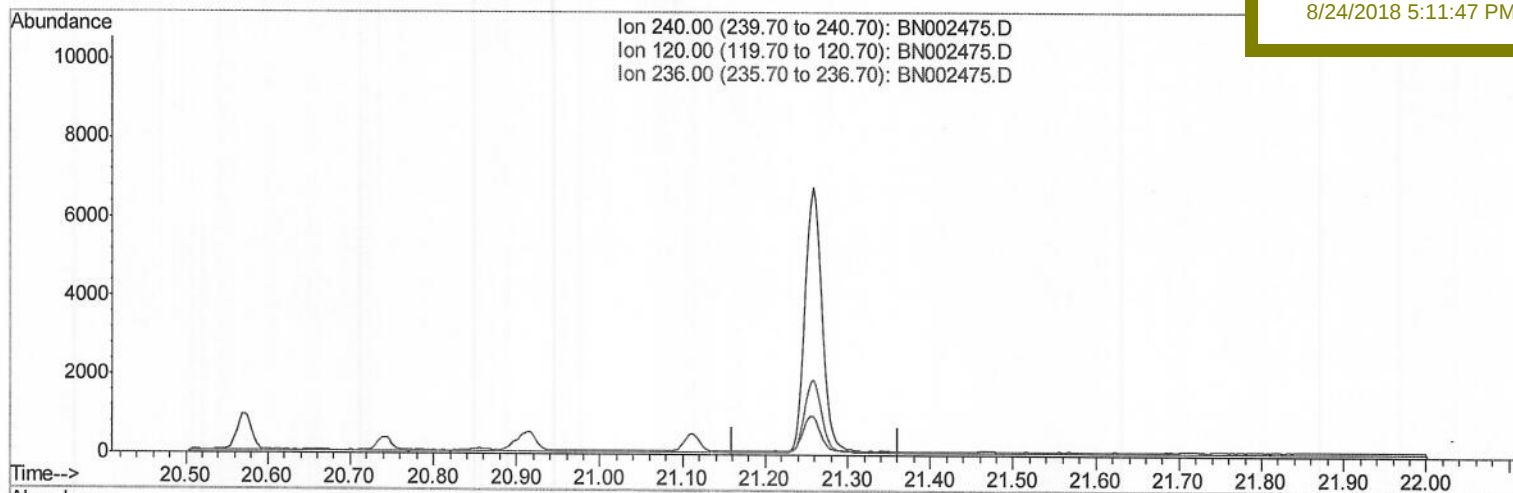
Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

C0AA9

Manual Integrations
APPROVEDSohil
8/24/2018 5:11:47 PM

(16) Chrysene-d12 (I)

21.261min (-21.261) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:51:13 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

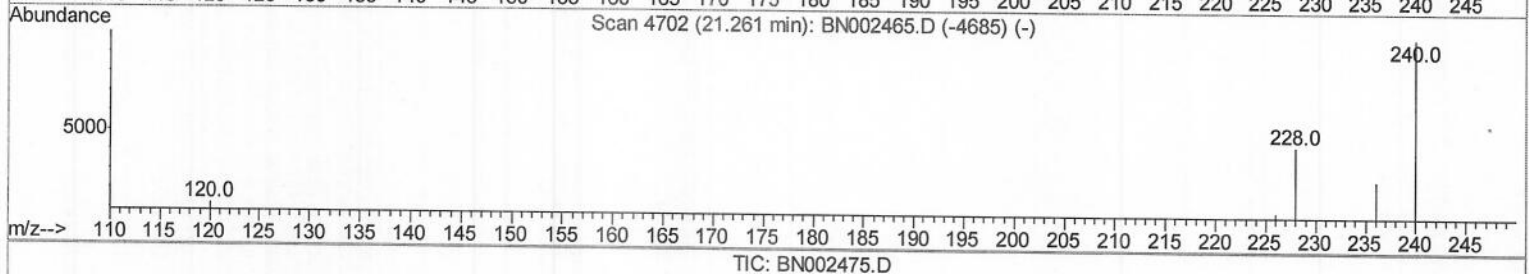
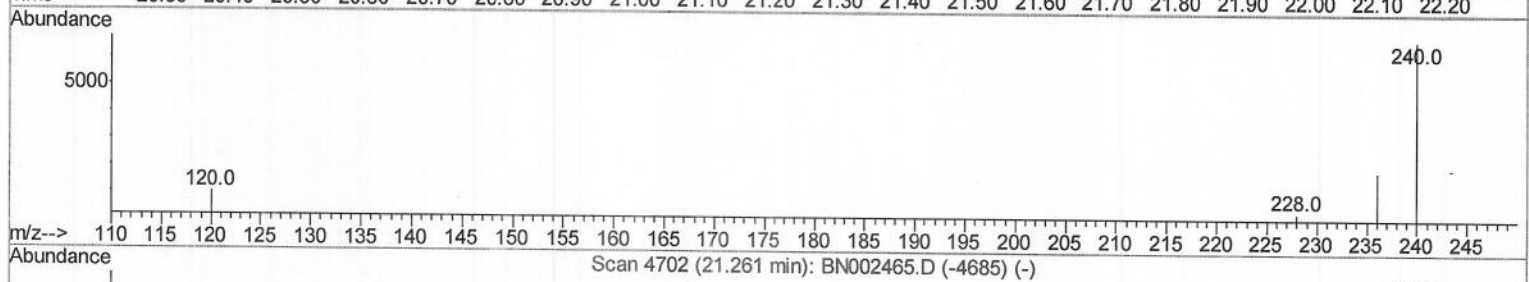
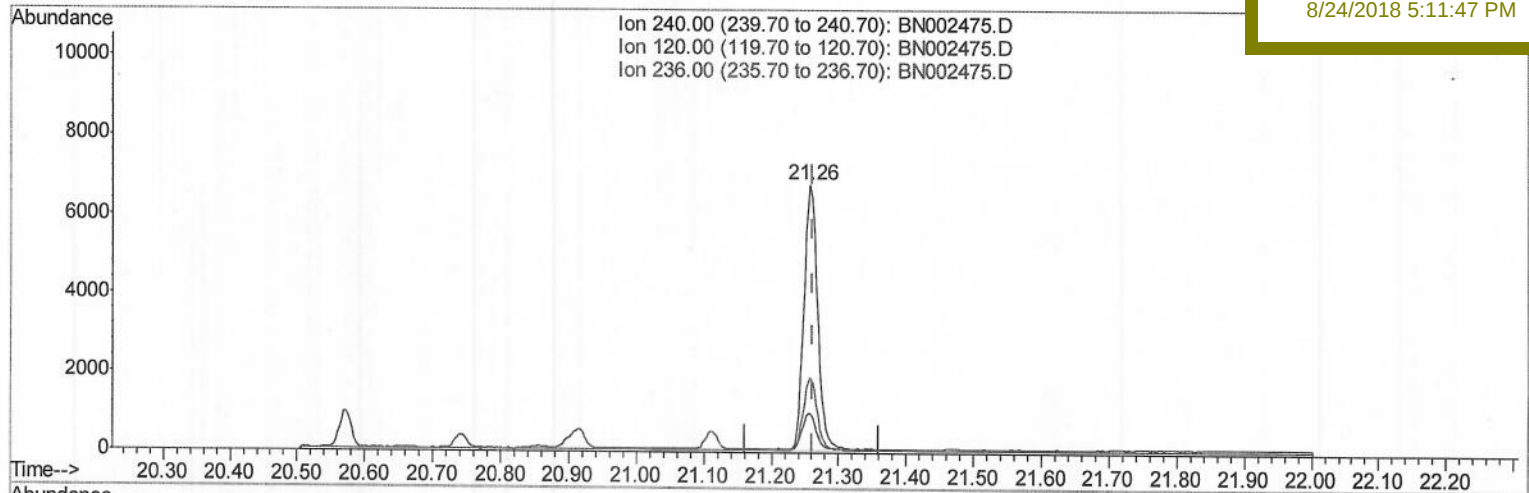
ClientSampleId :

C0AA9

Manual Integrations
APPROVED

Sohil

8/24/2018 5:11:47 PM



(16) Chrysene-d12 (I)

21.258min (-0.003) 0.40ng/ul m

response 9559

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	14.45#
236.00	34.90	28.28
0.00	0.00	0.00

SJ
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:57:12 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampled :

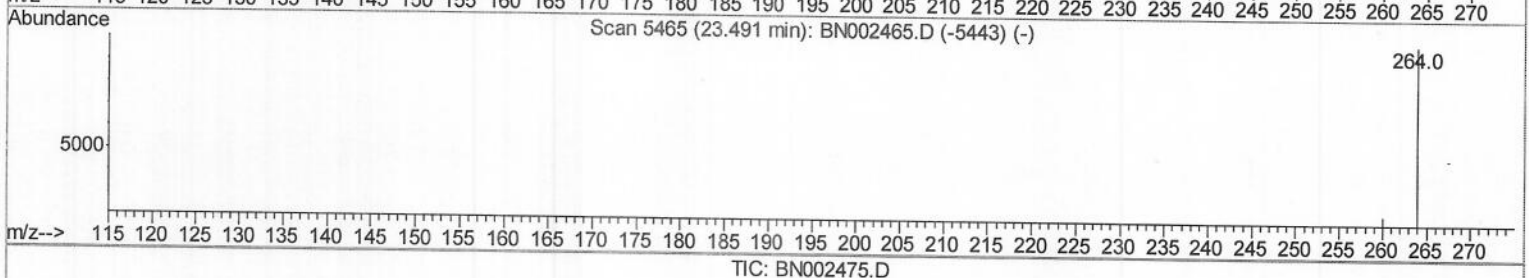
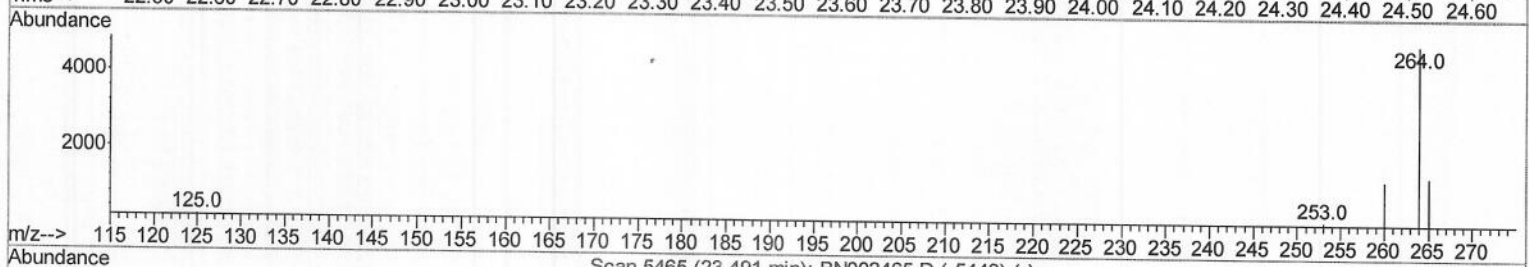
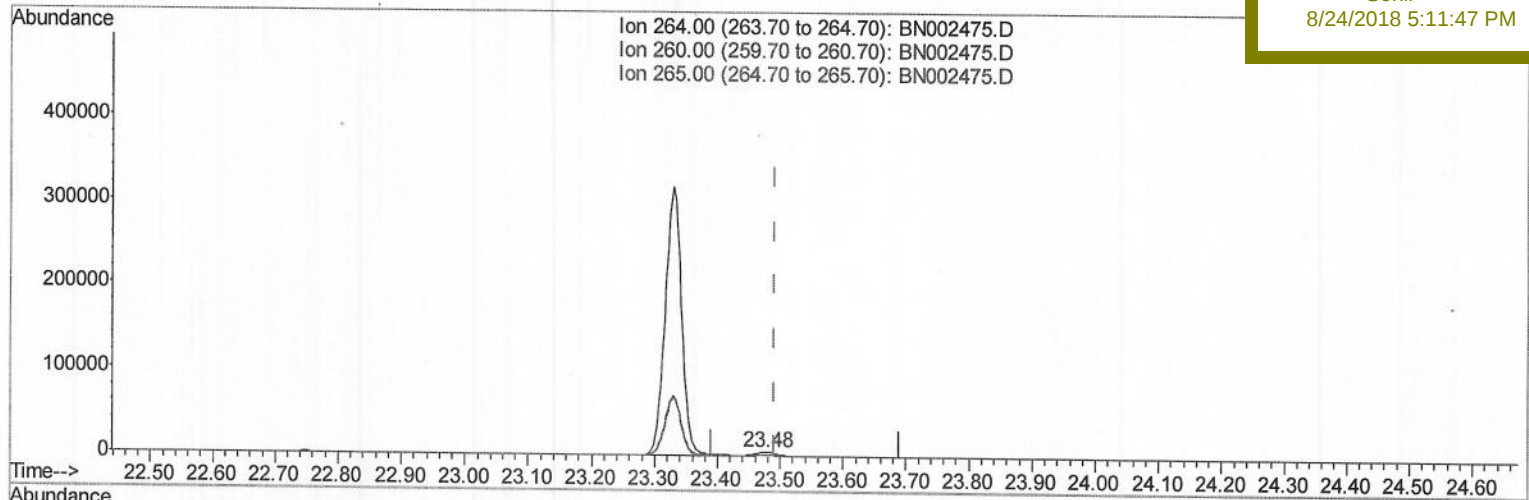
C0AA9

Manual Integrations

APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(20) Perylene-d12 (I)

23.476min (-0.015) 0.40ng/ul

response 11164

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.96
265.00	103.50	28.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\

Data File : BN002475.D

Acq On : 23 Aug 2018 20:39

Operator : JU/SJ

Sample : J4421-11

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:57:12 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 24 00:52:48 2018

Response via : Initial Calibration

Instrument :

BNA_N

ClientSampleId :

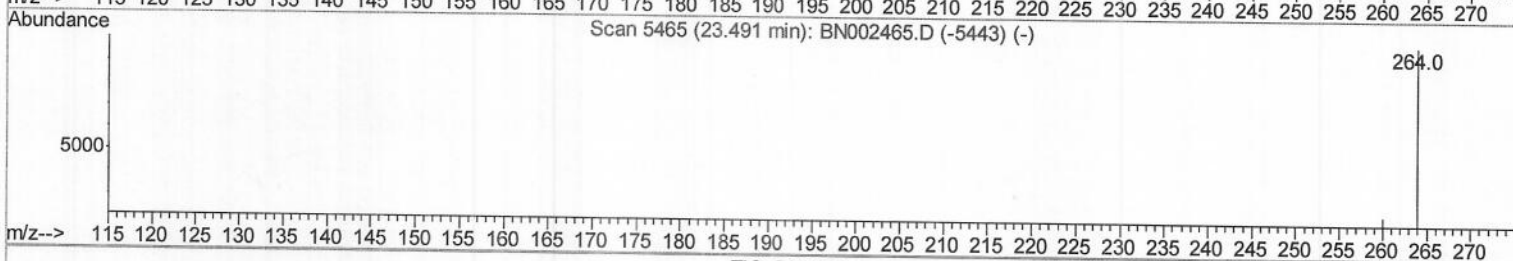
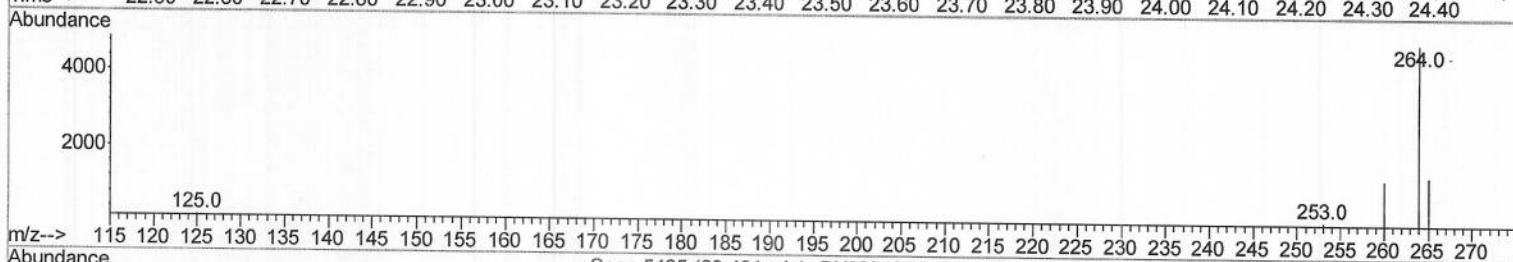
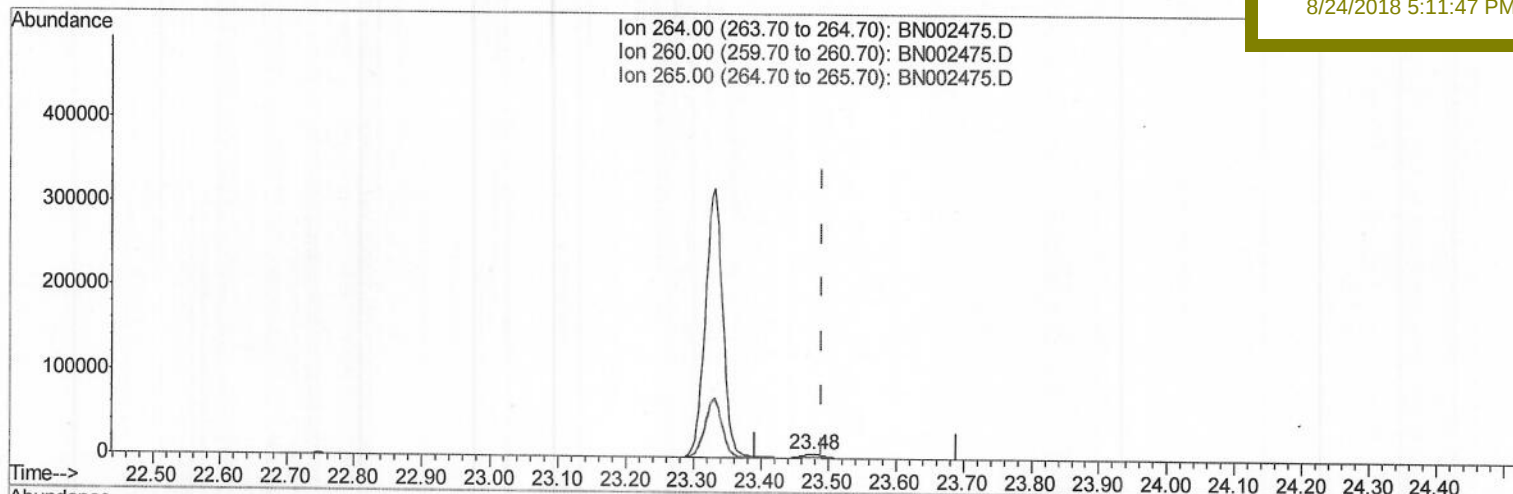
C0AA9

Manual Integrations

APPROVED

Sohil

8/24/2018 5:11:47 PM



TIC: BN002475.D

(20) Perylene-d12 (I)

23.476min (-0.015) 0.40ng/ul m

response 8758

Ion Exp% Act%

264.00 100 100

260.00 30.10 26.96

265.00 103.50 28.62#

0.00 0.00 0.00

SJ
08/24/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002475.D
 Acq On : 23 Aug 2018 20:39
 Operator : JU/SJ
 Sample : J4421-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 24 01:58:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 00:52:48 2018
 Response via : Initial Calibration

Instrument :
 BNA_N
 ClientSampleId :
 C0AA9

Manual Integrations
 APPROVED

Sohil
 8/24/2018 5:11:47 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1539	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	6382	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	3749	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	9007m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9559m	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	8758m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	2293	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	6294m	0.24	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.09	178	551m	0.021	ng/ul	Ovalue 83 87 89 51 81 75
15) Fluoranthene	19.12	202	1030m	0.033	ng/ul	
17) Pyrene	19.48	202	1293	0.040	ng/ul#	
18) Benzo(a)anthracene	21.25	228	814	0.028	ng/ul#	
19) Chrysene	21.30	228	855	0.026	ng/ul#	
21) Benzo(b)fluoranthene	22.82	252	1208	0.038	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	25.71	276	797	0.026	ng/ul#	
26) Benzo(g,h,i)perylene	26.39	276	758	0.029	ng/ul#	

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

SJ
 508124118