

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (QT Reviewed)
Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

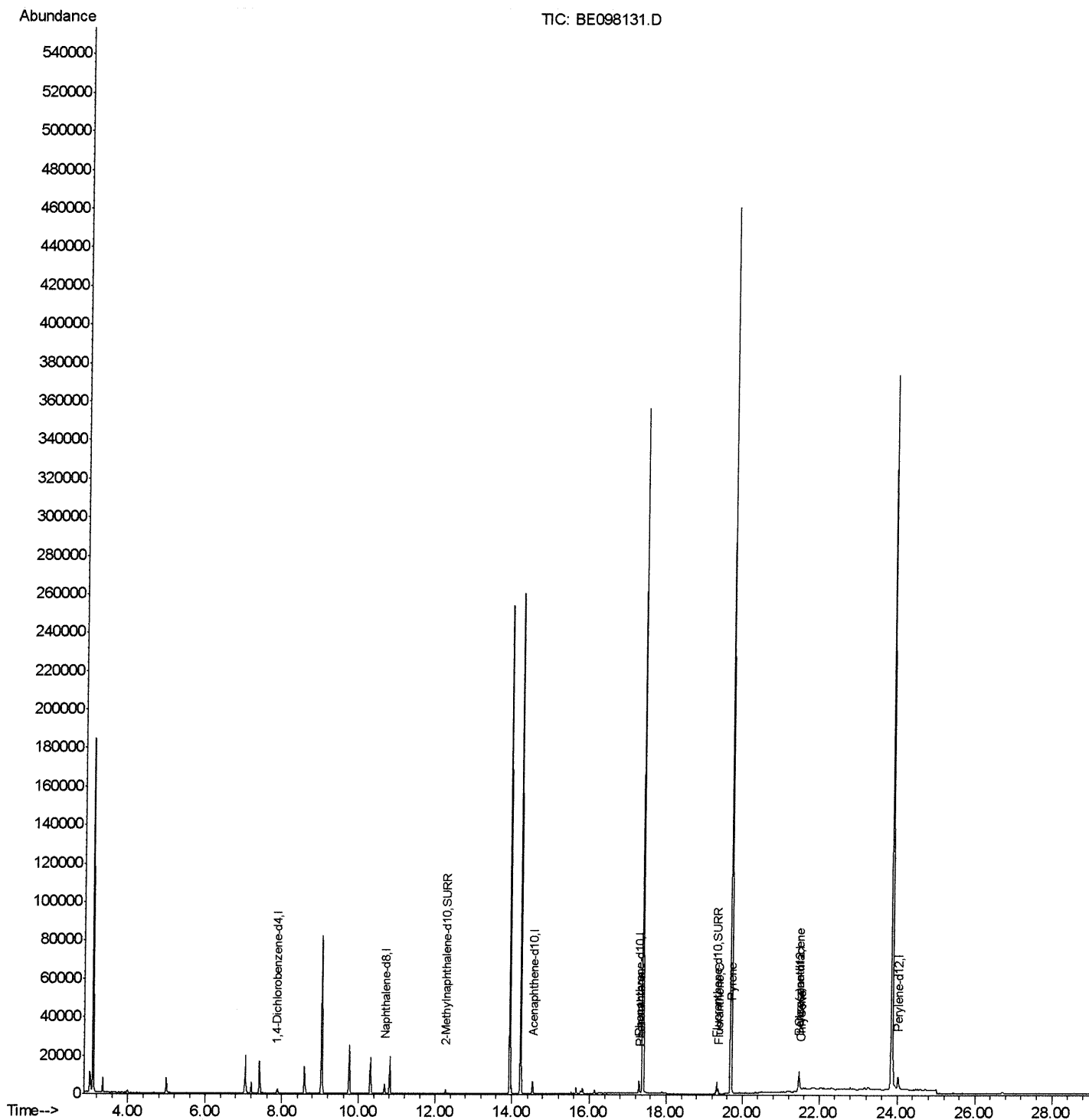
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:19:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

11/1/2018 11:08:10 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098131.D
 Acq On : 1 Nov 2018 00:29
 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

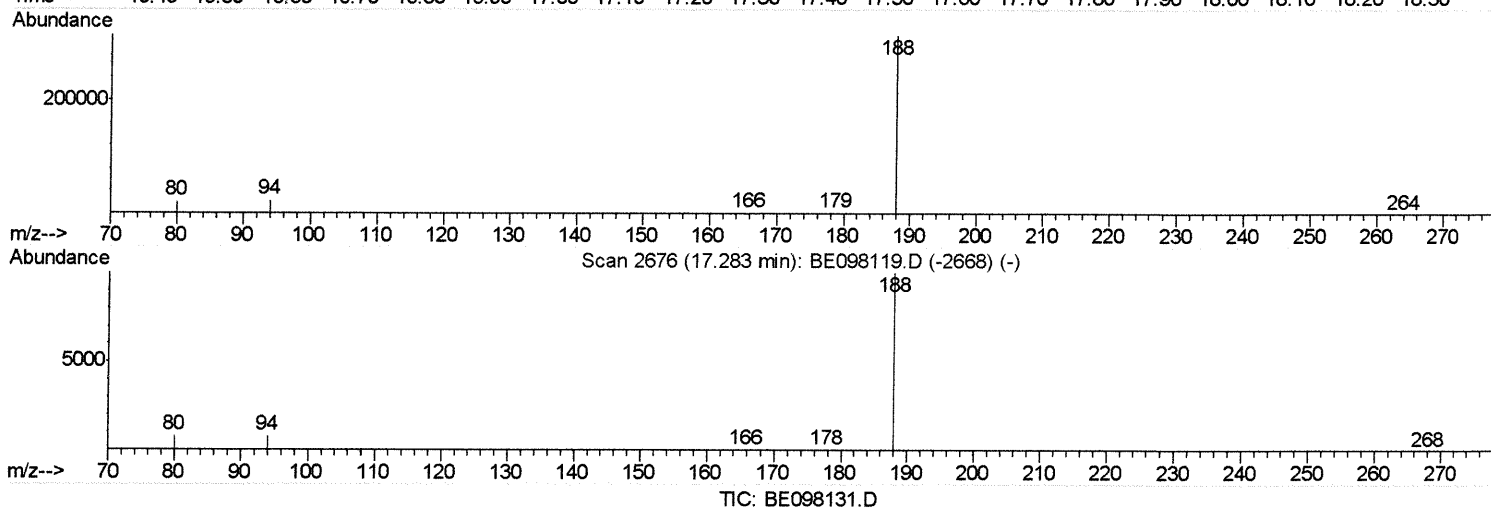
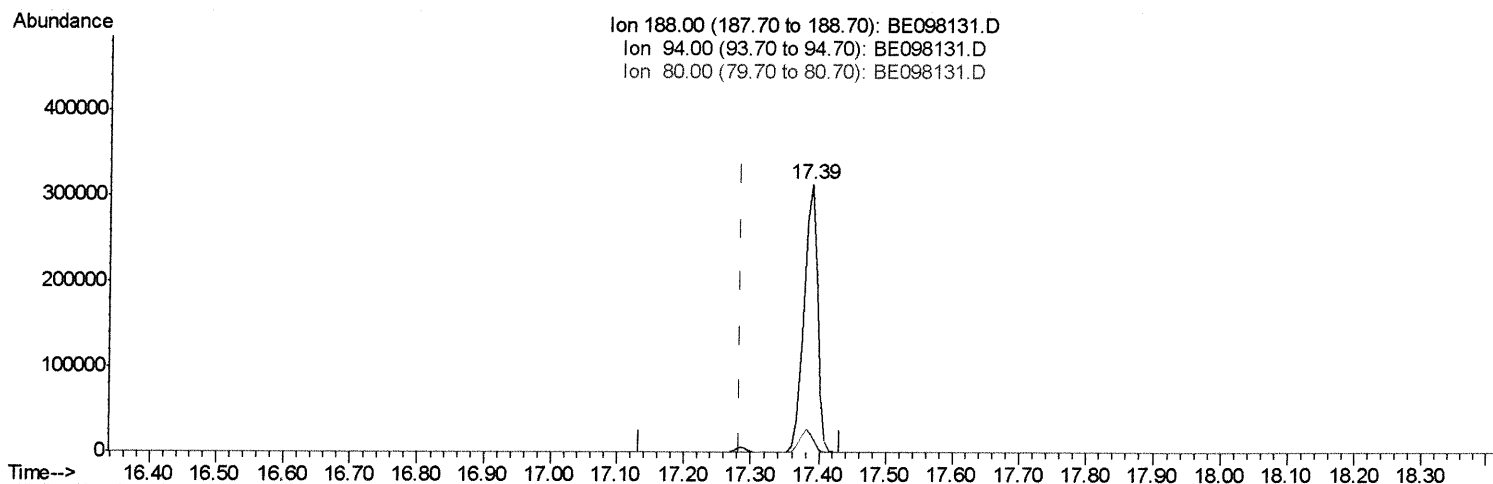
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

11/1/2018 11:08:10 AM

Quant Time: Nov 01 02:15:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.387min (+0.104) 0.40ng/ul
 response 438140

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	7.03
80.00	8.50	6.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

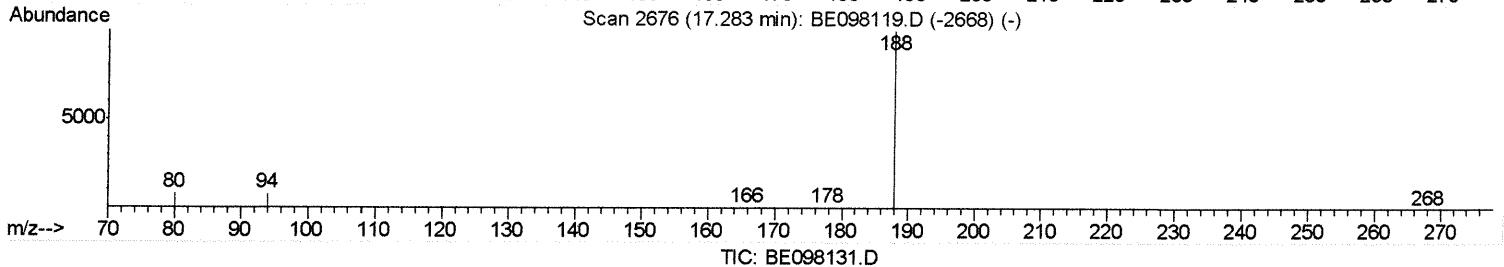
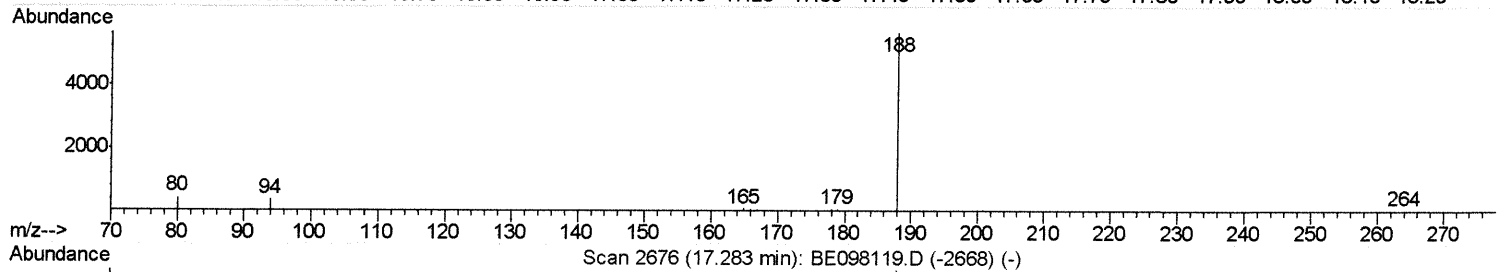
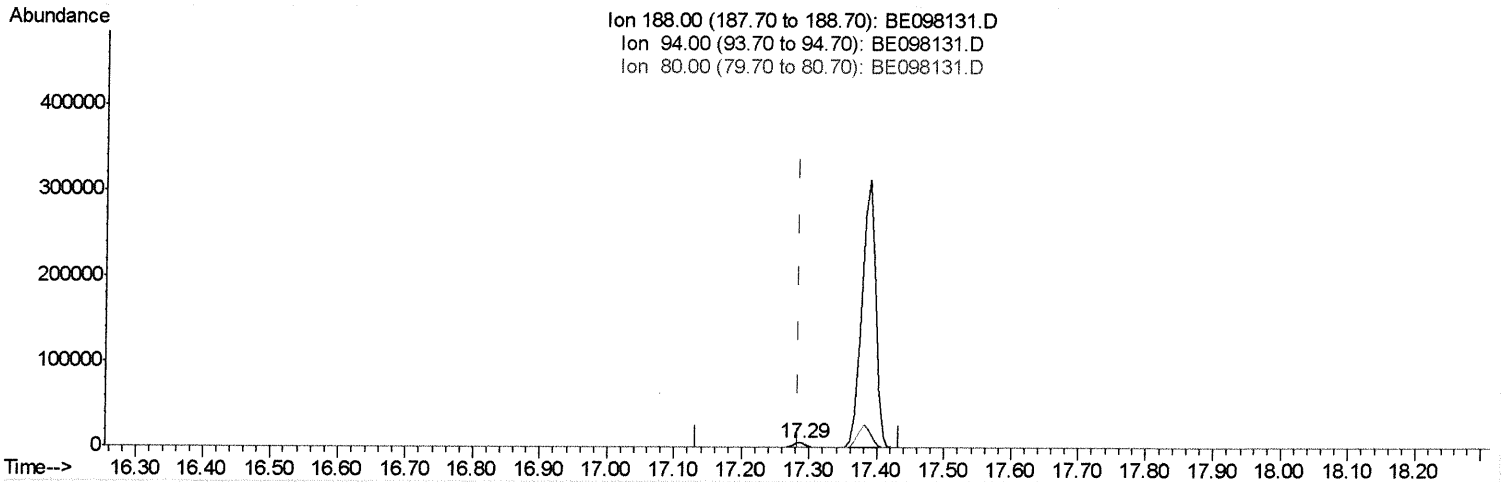
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 02:15:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
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11/1/2018 11:08:10 AM



(10) Phenanthrene-d10 (I)

17.289min (+0.006) 0.40ng/ul m

SJ11/24/18

response 8342

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	6.97
80.00	8.50	7.72
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098131.D
 Acq On : 1 Nov 2018 00:29
 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

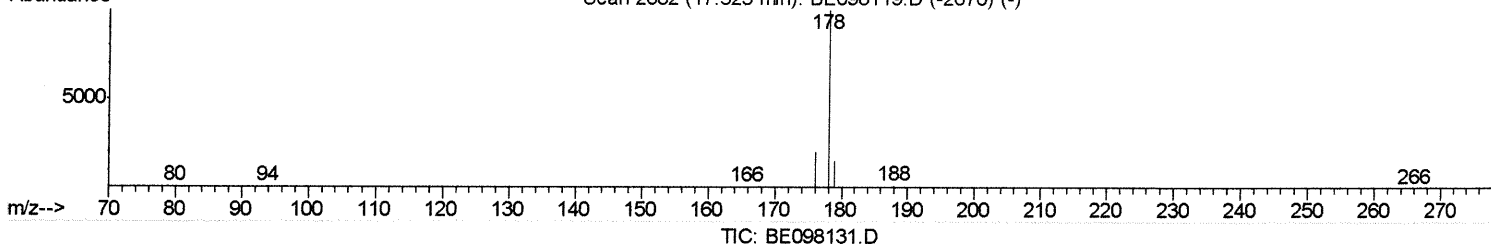
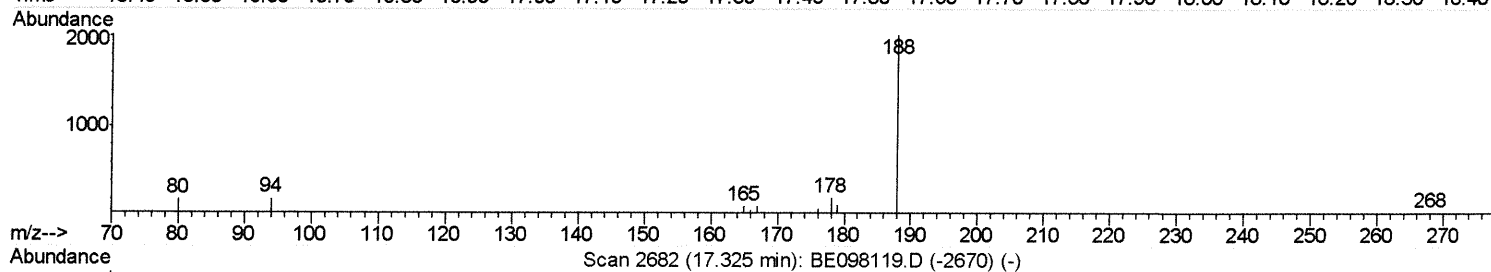
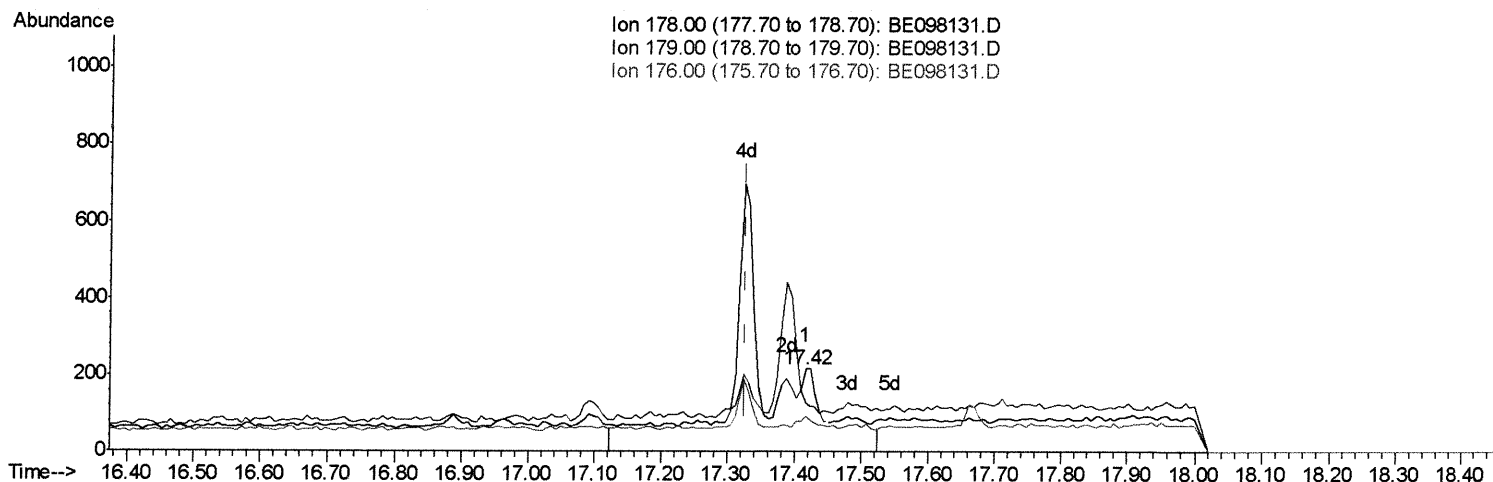
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

Quant Time: Nov 01 04:16:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration

11/1/2018 11:08:10 AM



(12) Phenanthrene

17.416min (+0.090) 0.01ng/ul

response 203

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	59.53#
176.00	19.60	43.26#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

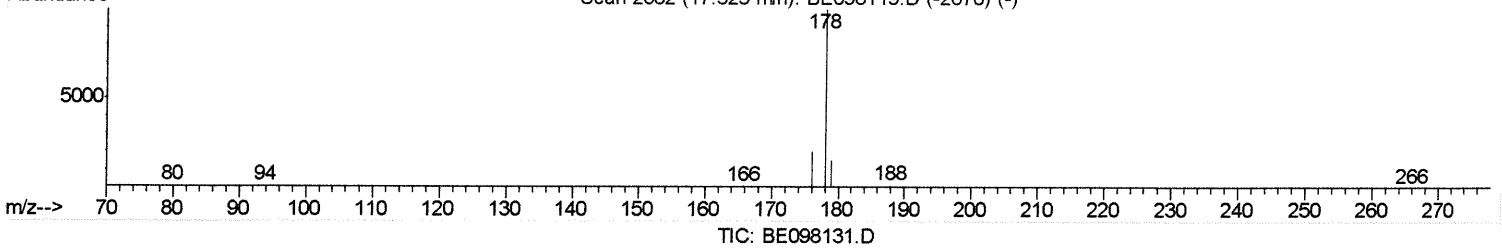
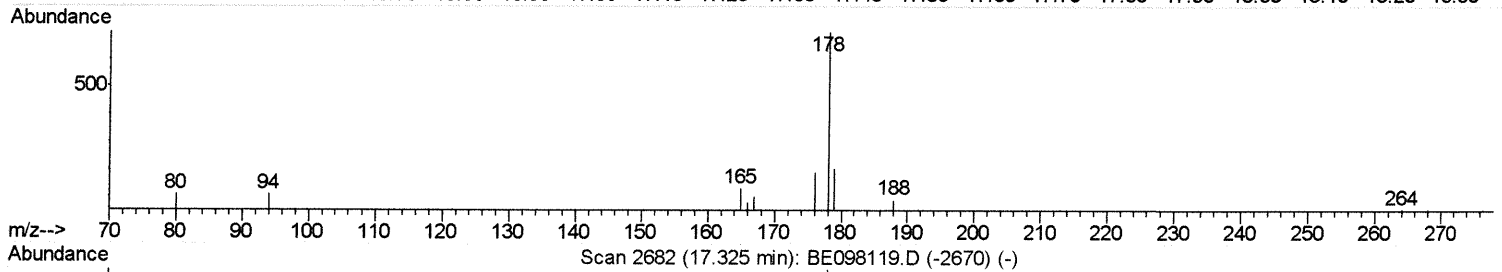
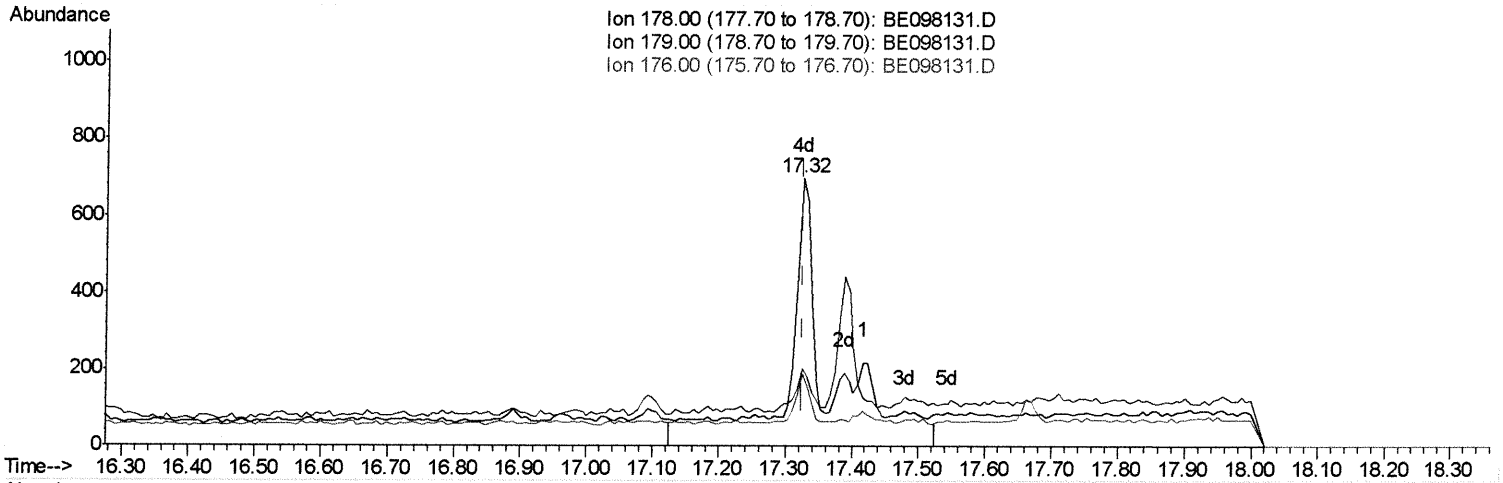
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:16:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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11/1/2018 11:08:10 AM



(12) Phenanthrene

17.324min (-0.001) 0.05ng/ul m

SJ 11/2/18

response 926

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	29.12#
176.00	19.60	26.69#
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

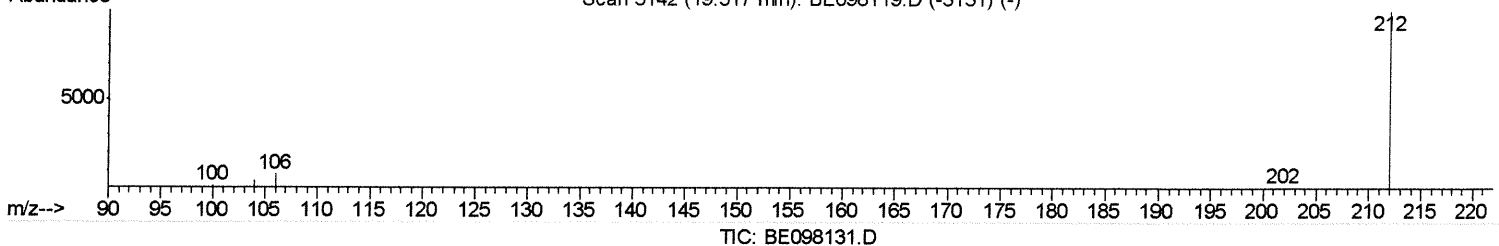
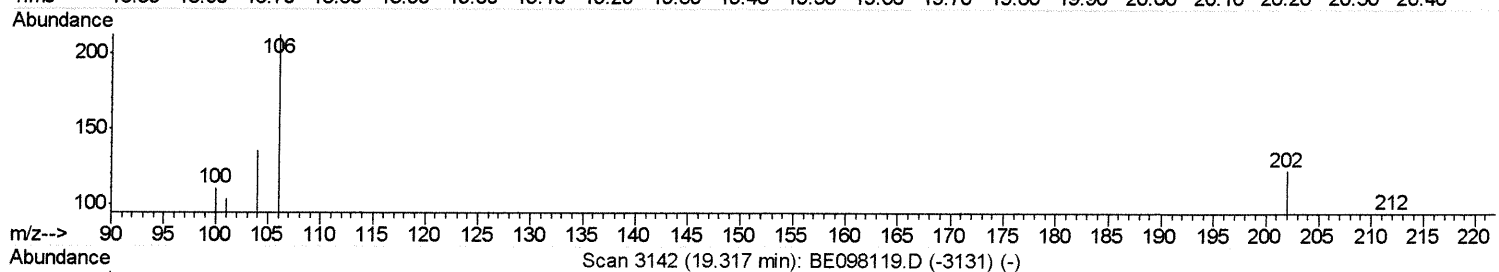
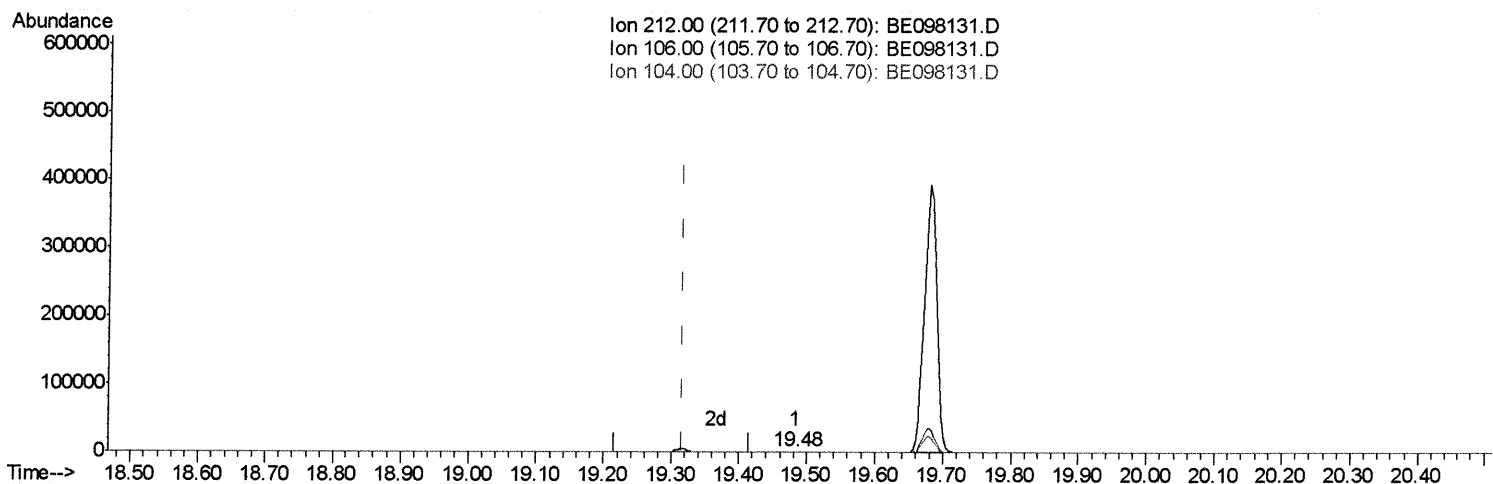
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:16:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

11/1/2018 11:08:10 AM



(14) Fluoranthene-d10 (SURR)

19.484min (+0.167) 0.00ng/ul

response 26

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	126.92#
104.00	4.20	61.54#
0.00	0.00	0.00

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 Data File : BE098131.D
 Acq On : 1 Nov 2018 00:29
 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

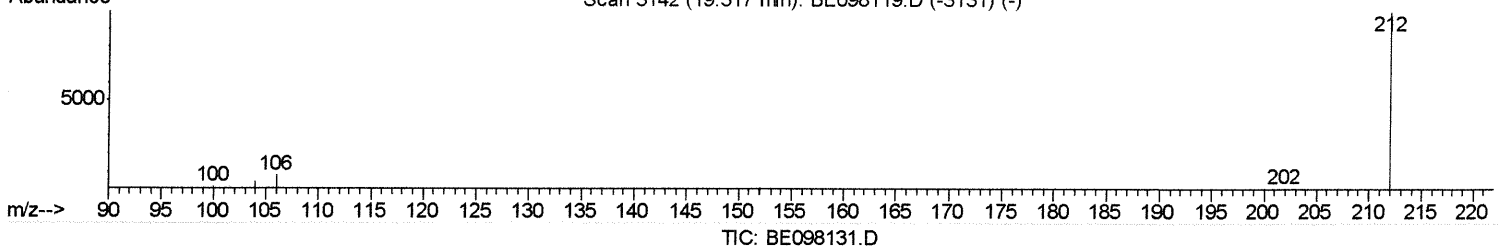
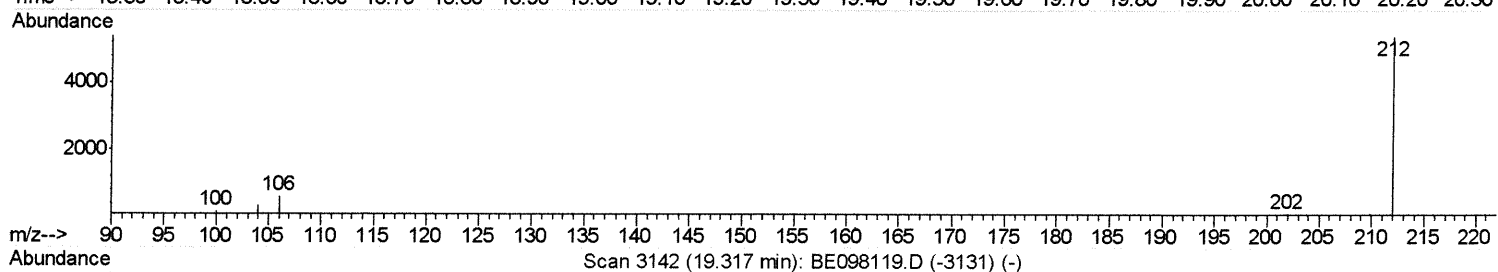
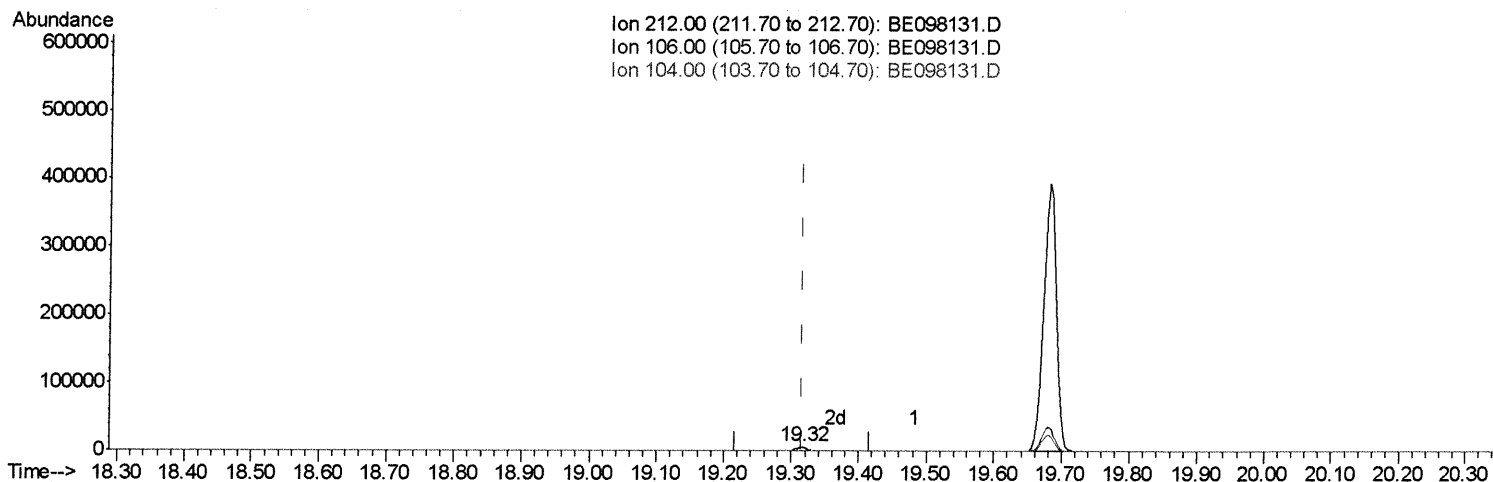
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

11/1/2018 11:08:10 AM

Quant Time: Nov 01 04:16:43 2018
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(14) Fluoranthene-d10 (SURR)

19.316min (-0.001) 0.27ng/ul m

5/11/2/18

response 7344

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	0.45#
104.00	4.20	0.22#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098131.D
 Acq On : 1 Nov 2018 00:29
 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

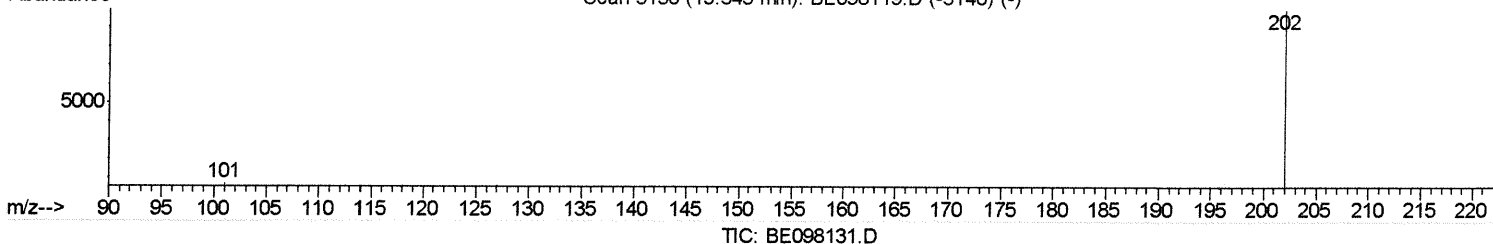
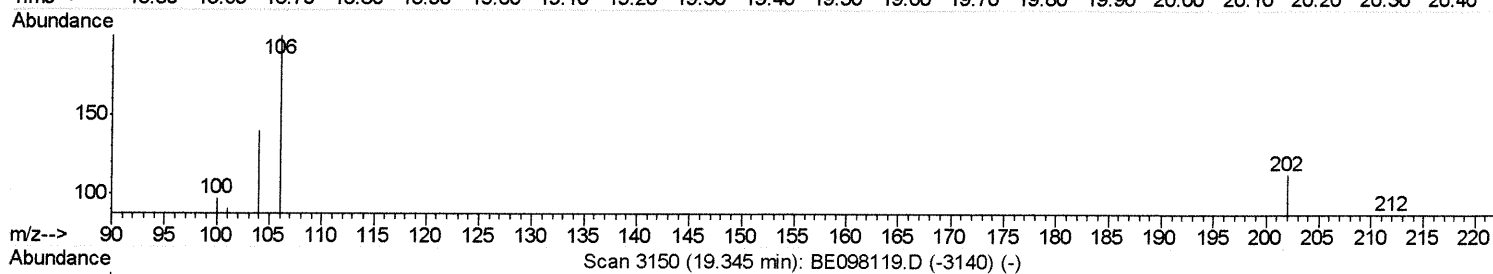
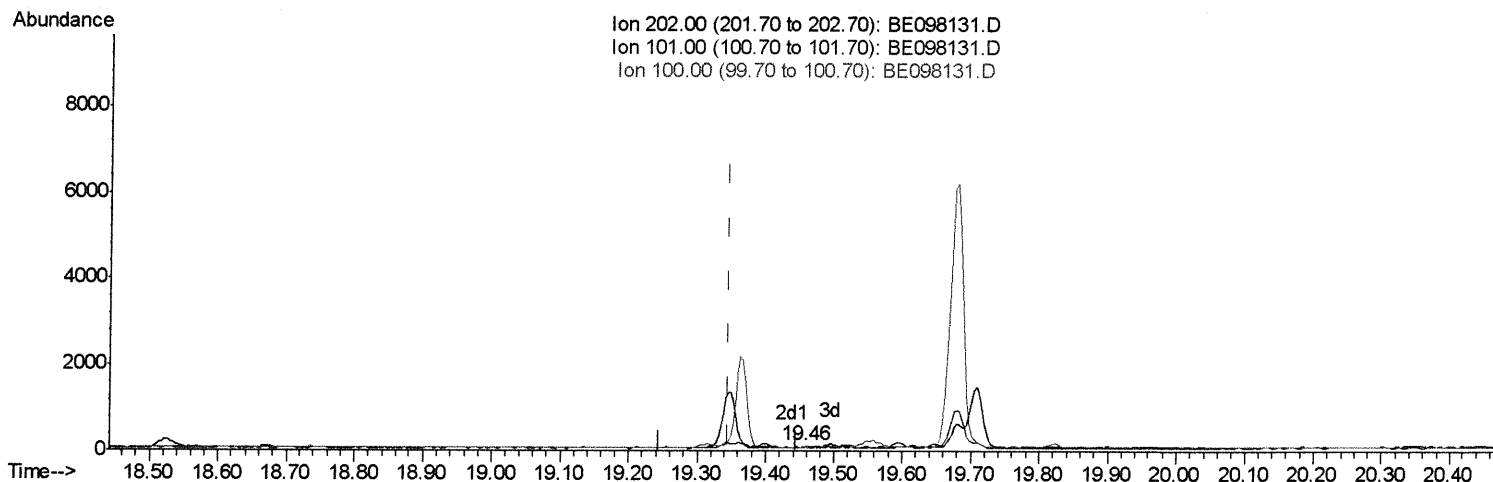
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

Quant Time: Nov 01 04:16:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
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11/1/2018 11:08:10 AM



(15) Fluoranthene (C)

19.455min (+0.110) 0.00ng/ul

response 16

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	80.53#
100.00	6.00	85.84#
0.00	0.00	0.00

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 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

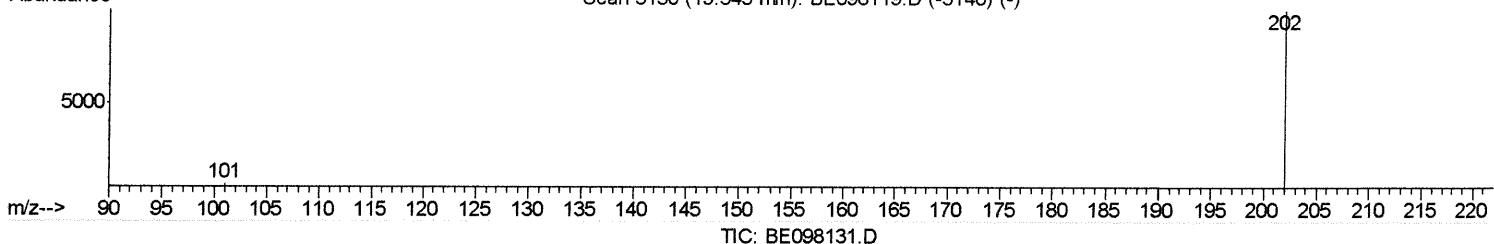
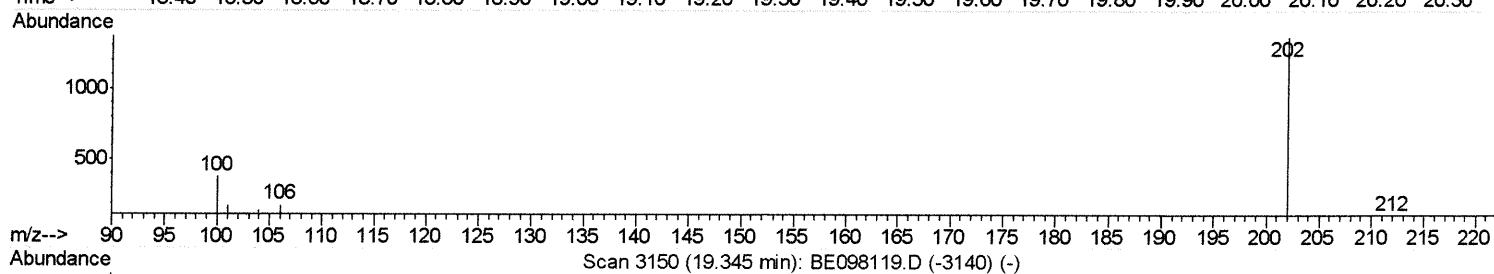
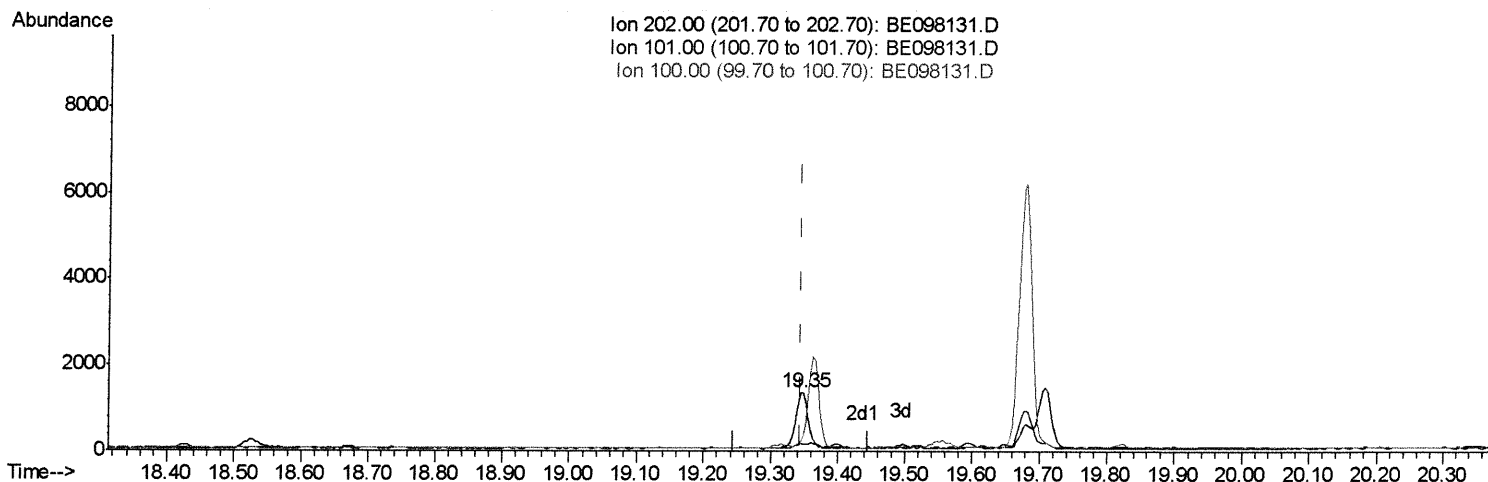
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

11/1/2018 11:08:10 AM

Quant Time: Nov 01 04:16:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.348min (+0.003) 0.07ng/ul m

5/11/21/8

response 1755

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	13.00
100.00	6.00	27.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

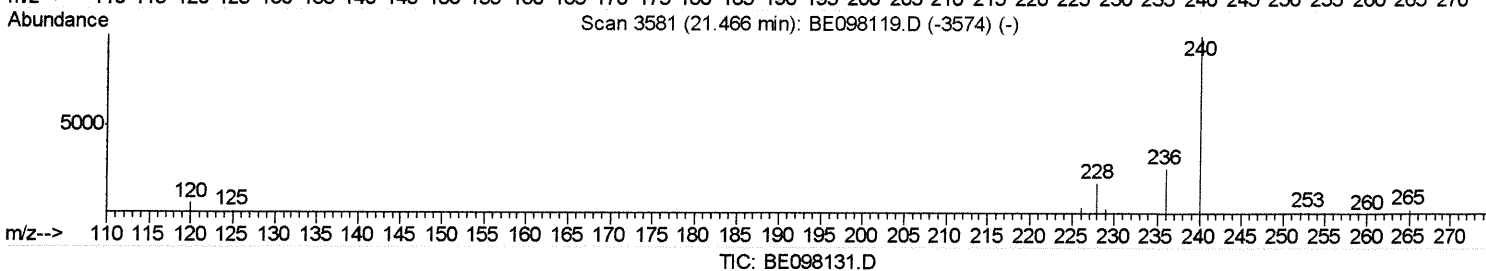
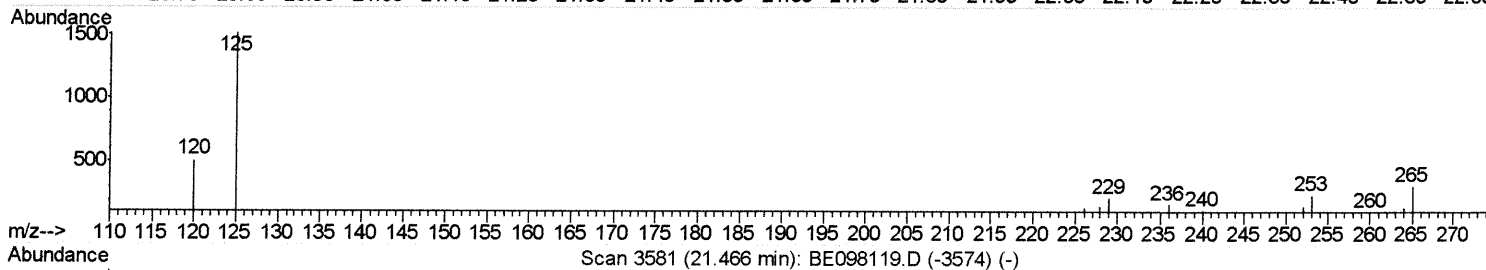
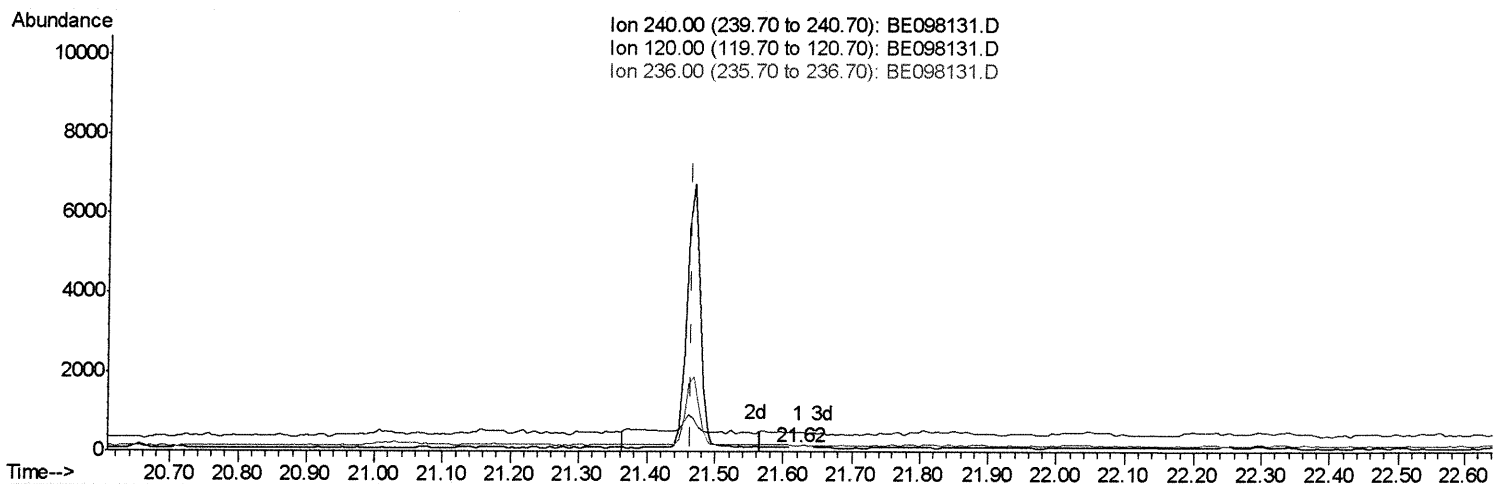
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:16:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
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11/1/2018 11:08:10 AM



(16) Chrysene-d12 (I)

21.622min (+0.156) 0.40ng/ul

response 14

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	421.67#
236.00	26.20	138.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098131.D
 Acq On : 1 Nov 2018 00:29
 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

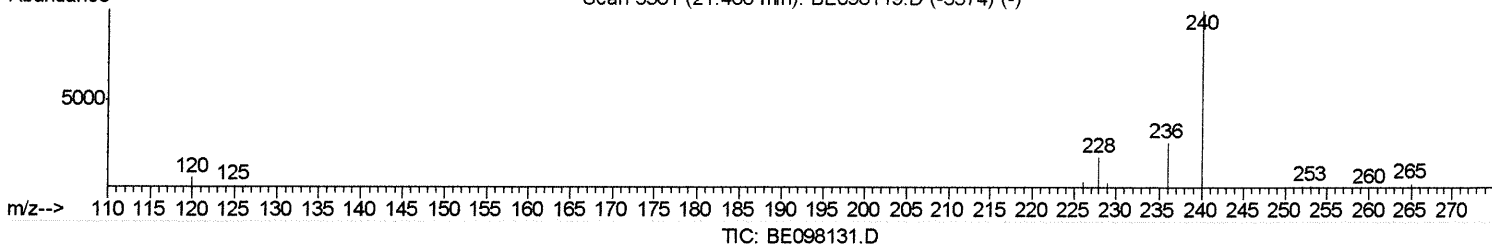
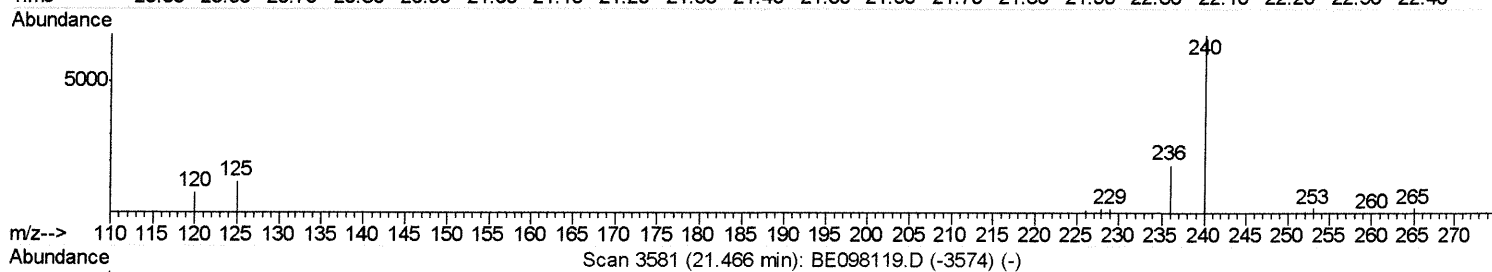
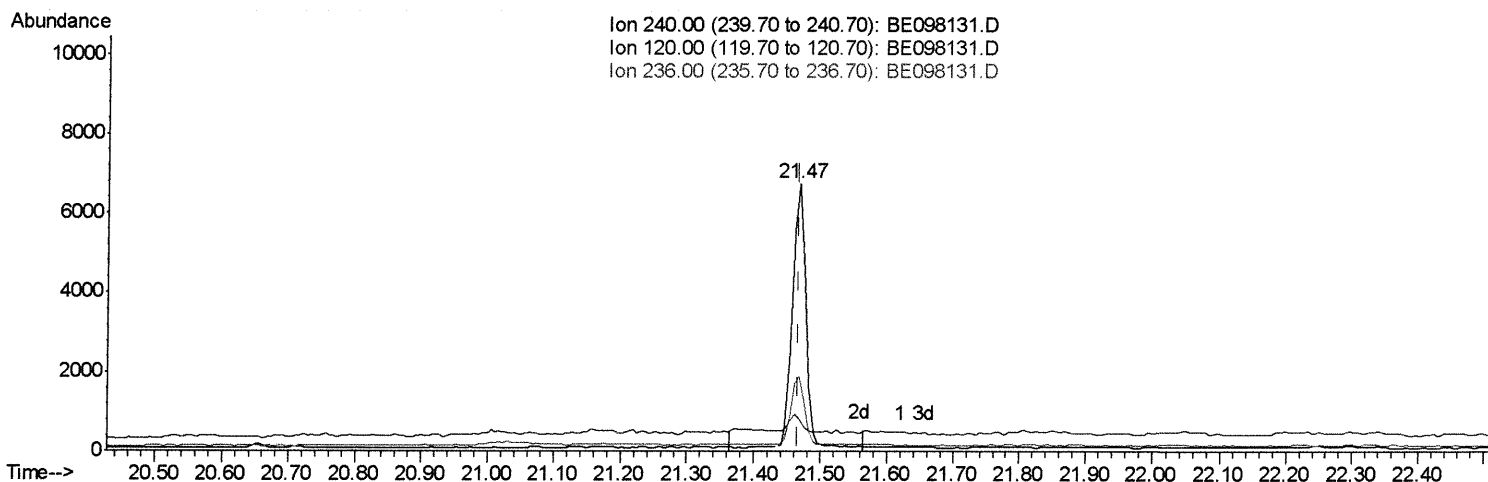
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

11/1/2018 11:08:10 AM

Quant Time: Nov 01 04:16:43 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.467min (+0.001) 0.40ng/ul m

SJ 11/2/18

response 8939

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	12.42#
236.00	26.20	28.03
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

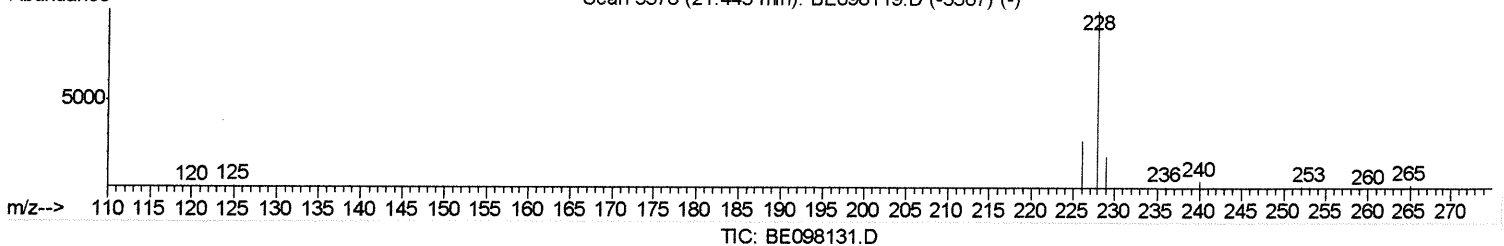
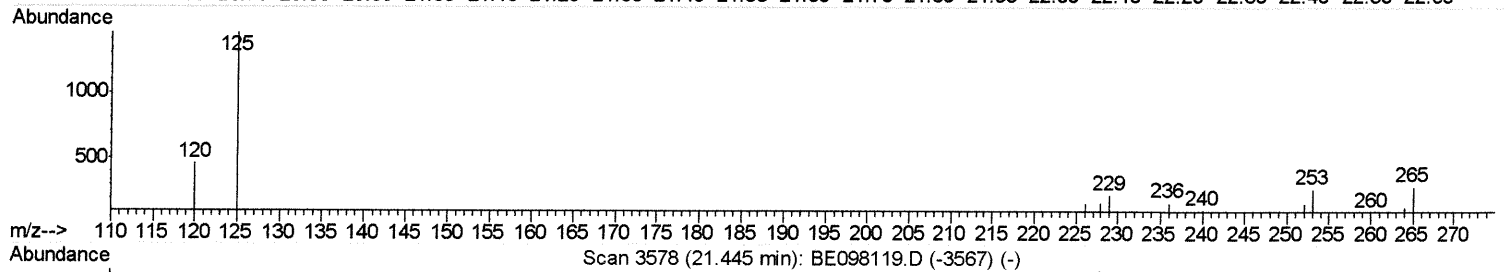
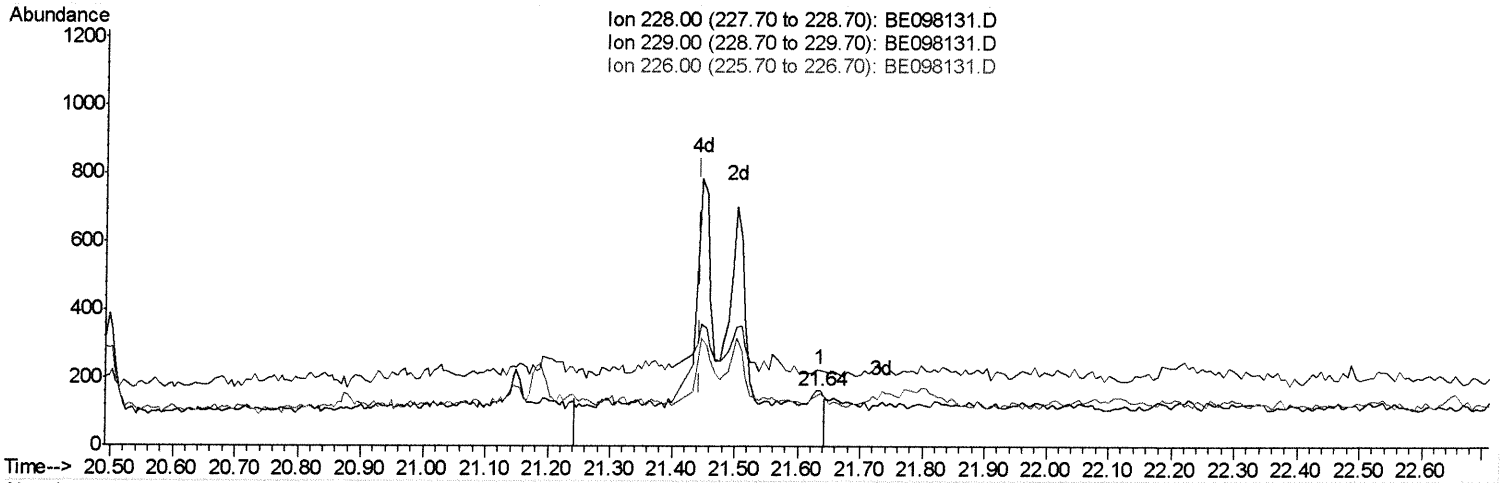
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:18:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

11/1/2018 11:08:10 AM



(18) Benzo(a)anthracene
21.636min (+0.191) 0.01ng/ul
response 178

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	137.20#
226.00	27.80	96.34#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
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 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

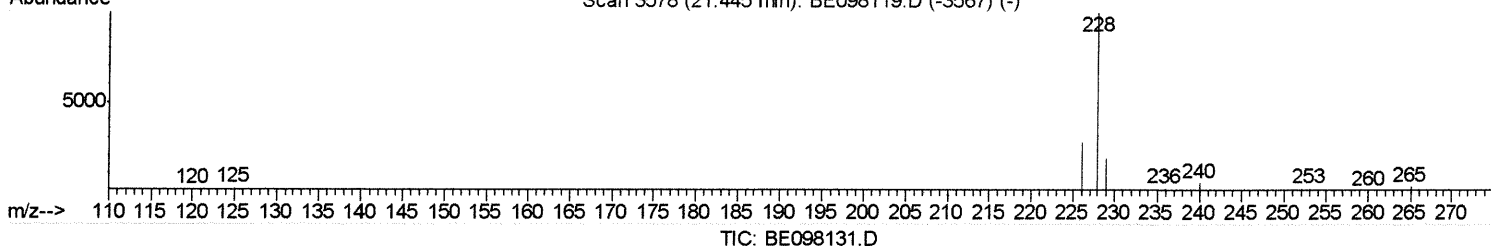
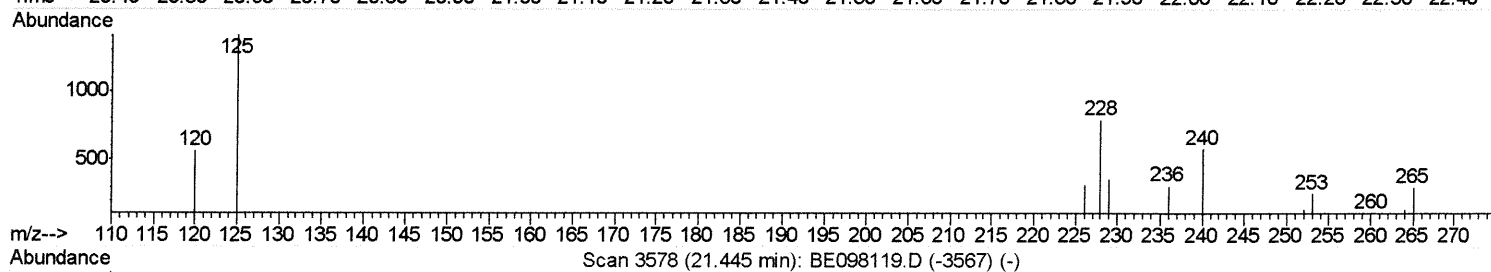
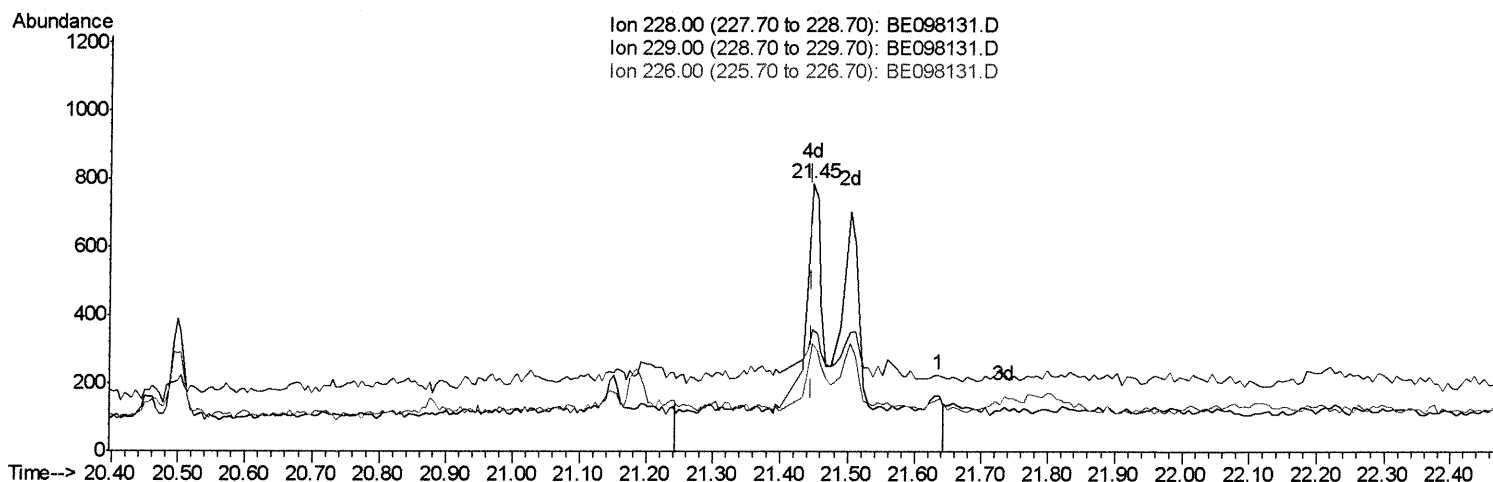
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

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11/1/2018 11:08:10 AM



(18) Benzo(a)anthracene

21.446min (+0.001) 0.06ng/ul m

SJ 11/2/18

response 1528

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	45.80#
226.00	27.80	40.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
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Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

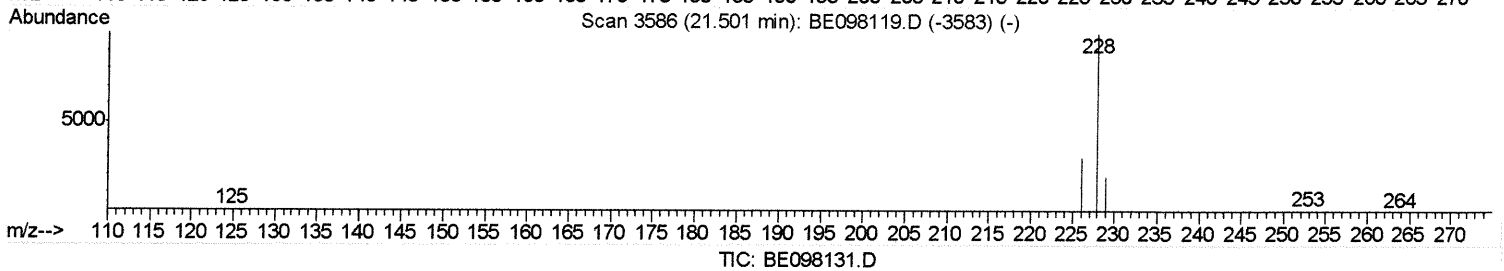
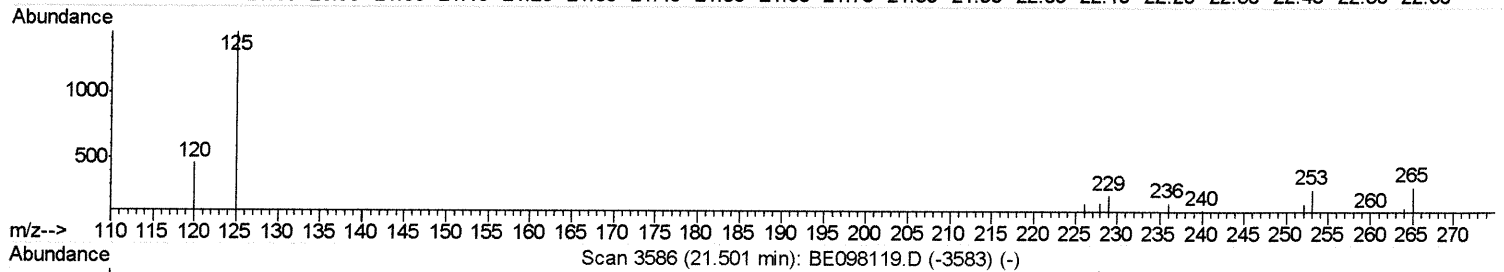
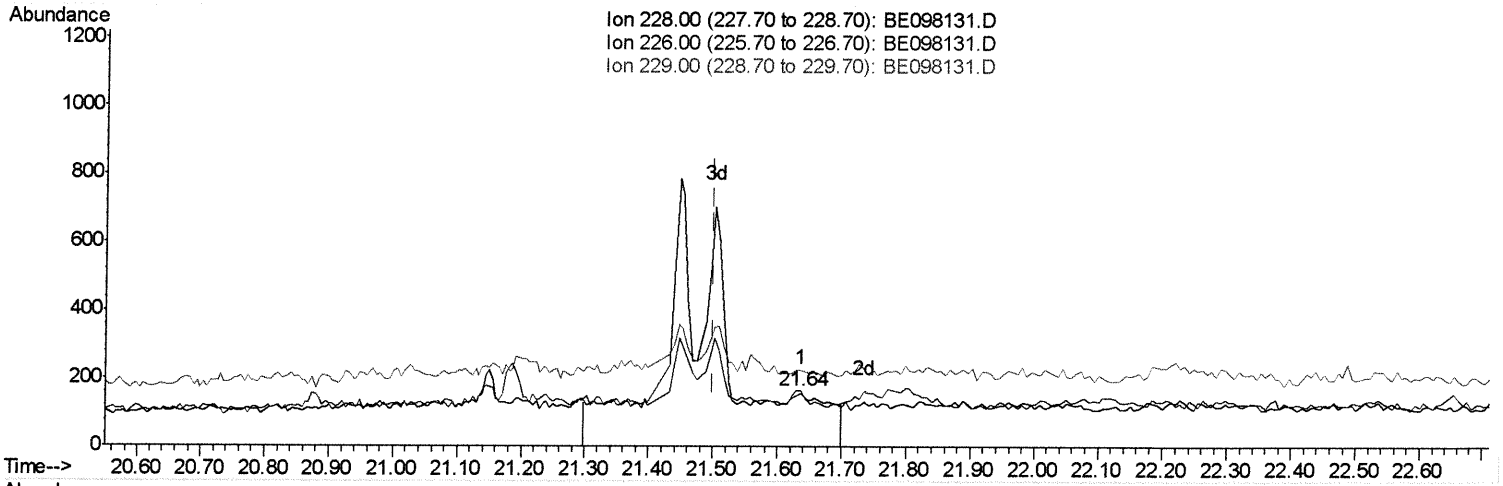
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

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(19) Chrysene

21.636min (+0.135) 0.01ng/ul

response 178

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	96.34#
229.00	20.50	137.20#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
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 Operator : SJ/JU
 Sample : J5701-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

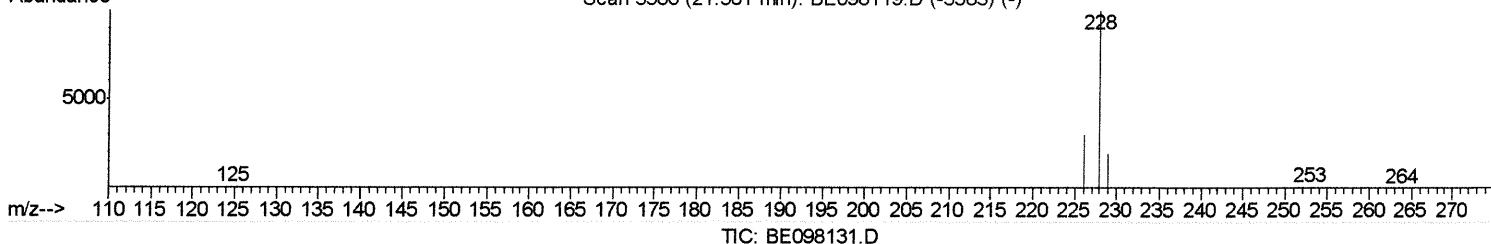
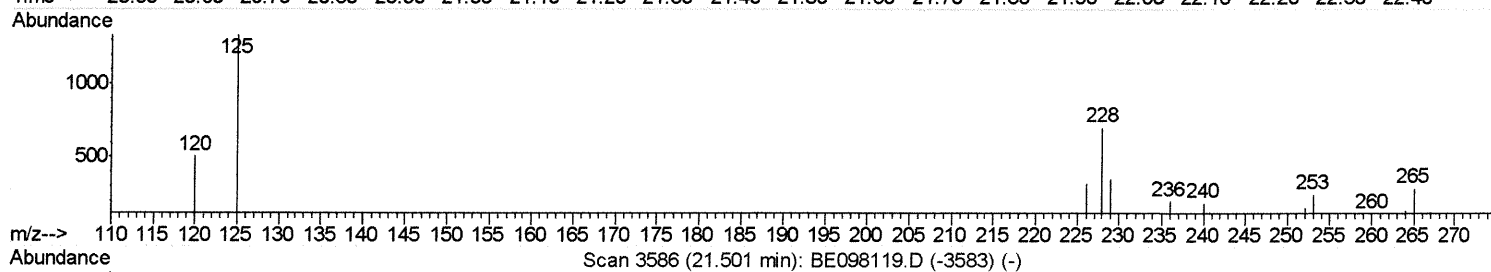
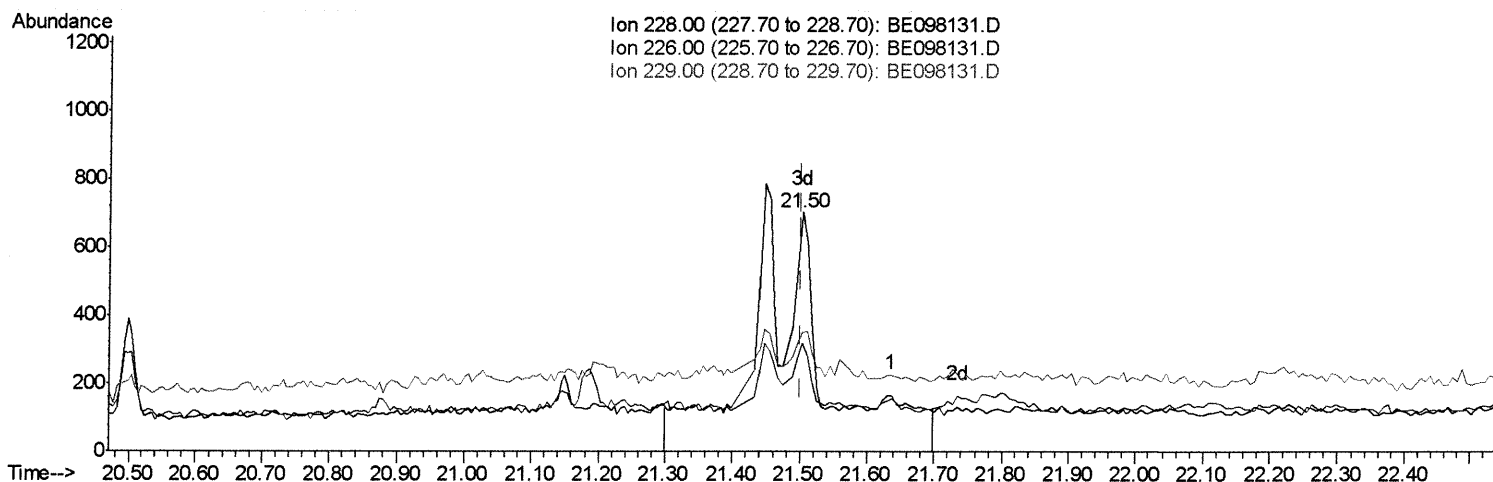
Instrument :
 BNA_E
 ClientSampleId :
 A40G4

Manual Integrations
 APPROVED

Sohil

Quant Time: Nov 01 04:18:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration

11/1/2018 11:08:10 AM



(19) Chrysene

21.502min (+0.001) 0.05ng/ul m

SJ11/2/18

response 928

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	45.16#
229.00	20.50	49.86#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

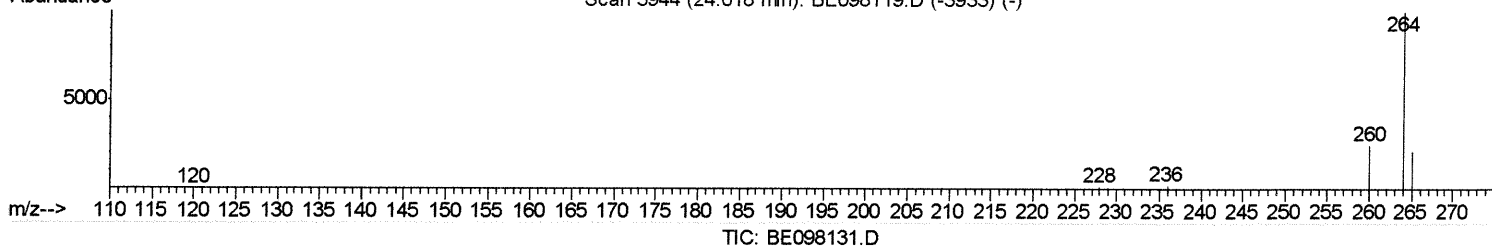
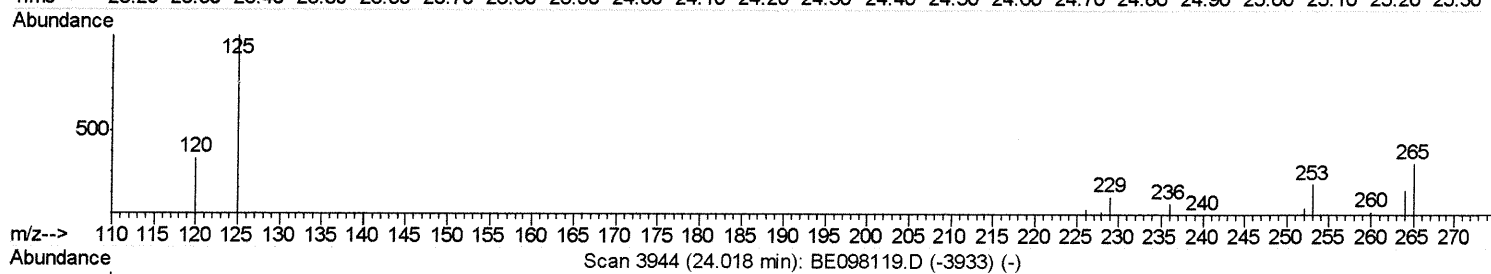
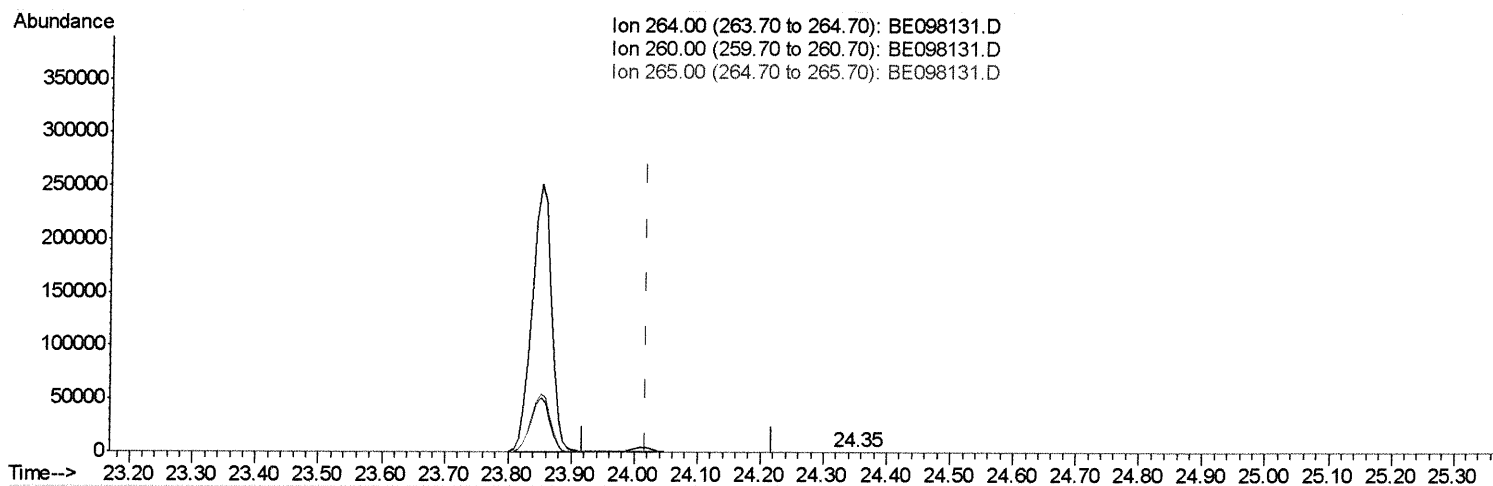
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:18:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

11/1/2018 11:08:10 AM



(20) Perylene-d12 (I)

24.350min (+0.332) 0.40ng/ul

response 11

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	51.40#
265.00	28.00	161.21#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (Qedit)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

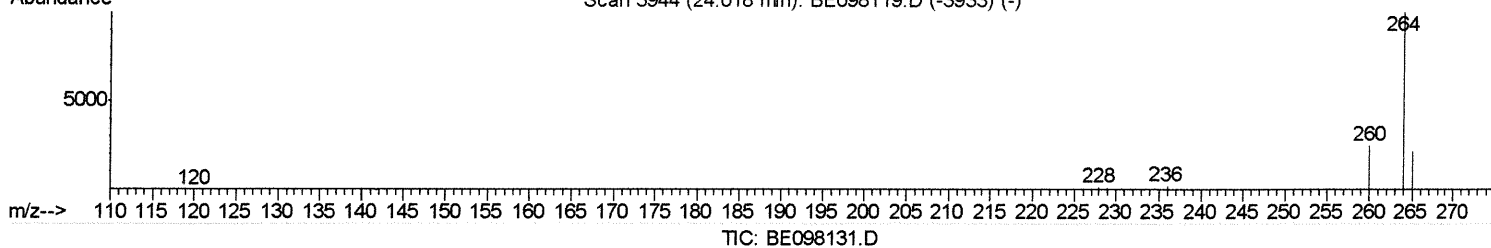
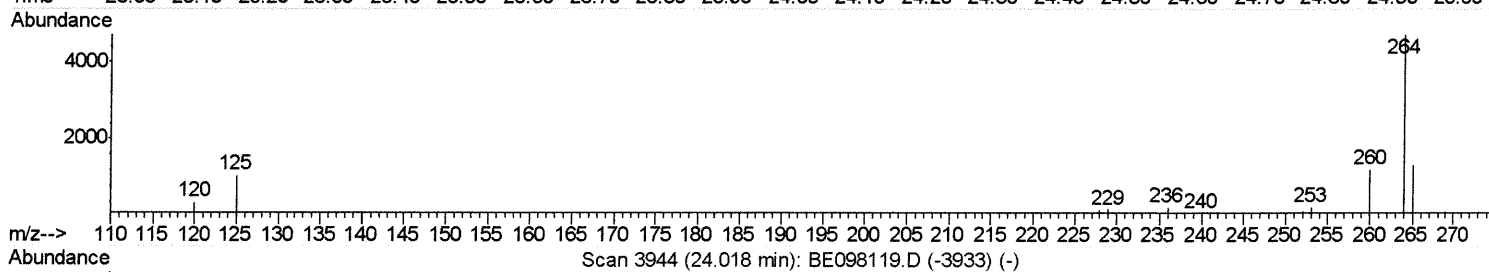
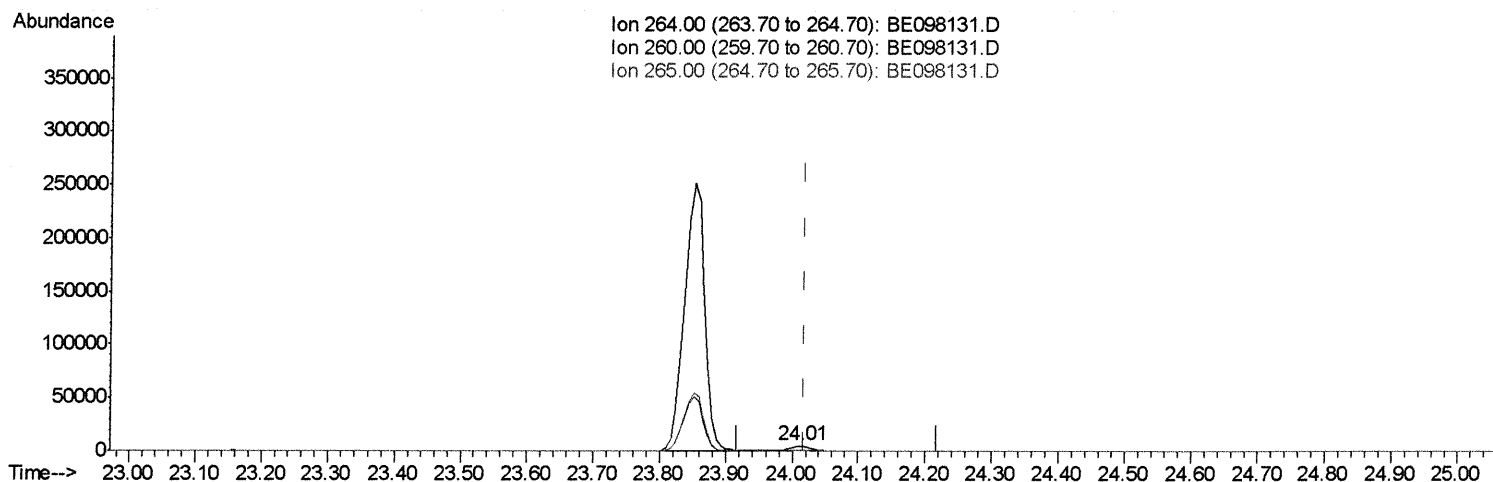
Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:18:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

11/1/2018 11:08:10 AM



(20) Perylene-d12 (I)

24.012min (-0.006) 0.40ng/ul m

response 8650

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	26.02
265.00	28.00	28.18
0.00	0.00	0.00

SJ 11/2/18

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (QT Reviewed)

Data File : BE098131.D
Acq On : 1 Nov 2018 00:29
Operator : SJ/JU
Sample : J5701-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40G4

Manual Integrations
APPROVED

Sohil

Quant Time: Nov 01 04:19:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

11/1/2018 11:08:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1095	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5319	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3689	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8342m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	8939m	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	8650m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	2479	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	7344m	0.27	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.32	178	926m	0.048	ng/ul	
15) Fluoranthene	19.35	202	1755m	0.071	ng/ul	
17) Pyrene	19.71	202	1831	0.088	ng/ul#	83
18) Benzo(a)anthracene	21.45	228	1528m	0.058	ng/ul	
19) Chrysene	21.50	228	928m	0.046	ng/ul	

> SJ 11/2/18

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