

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

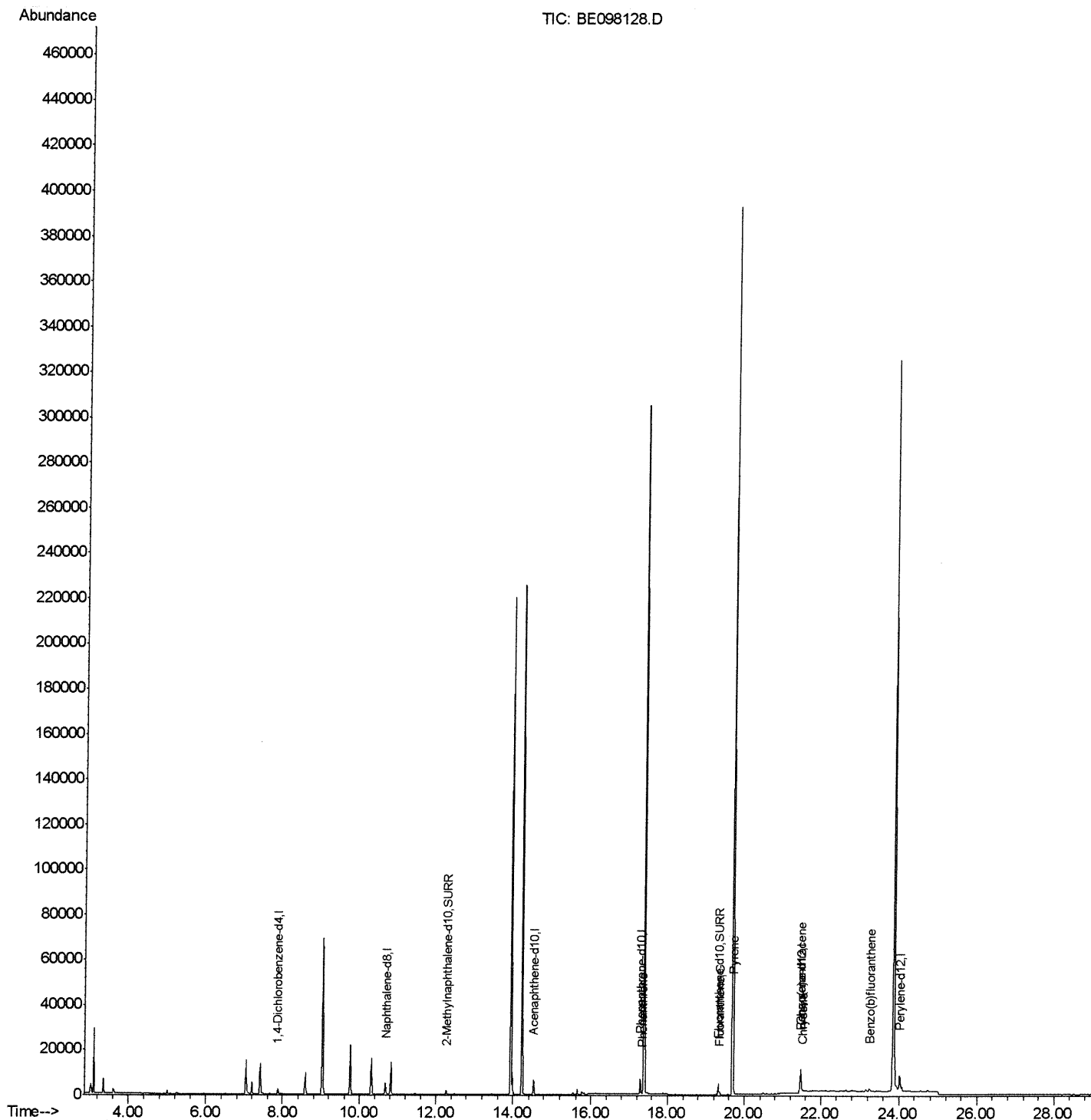
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 04:02:05 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



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

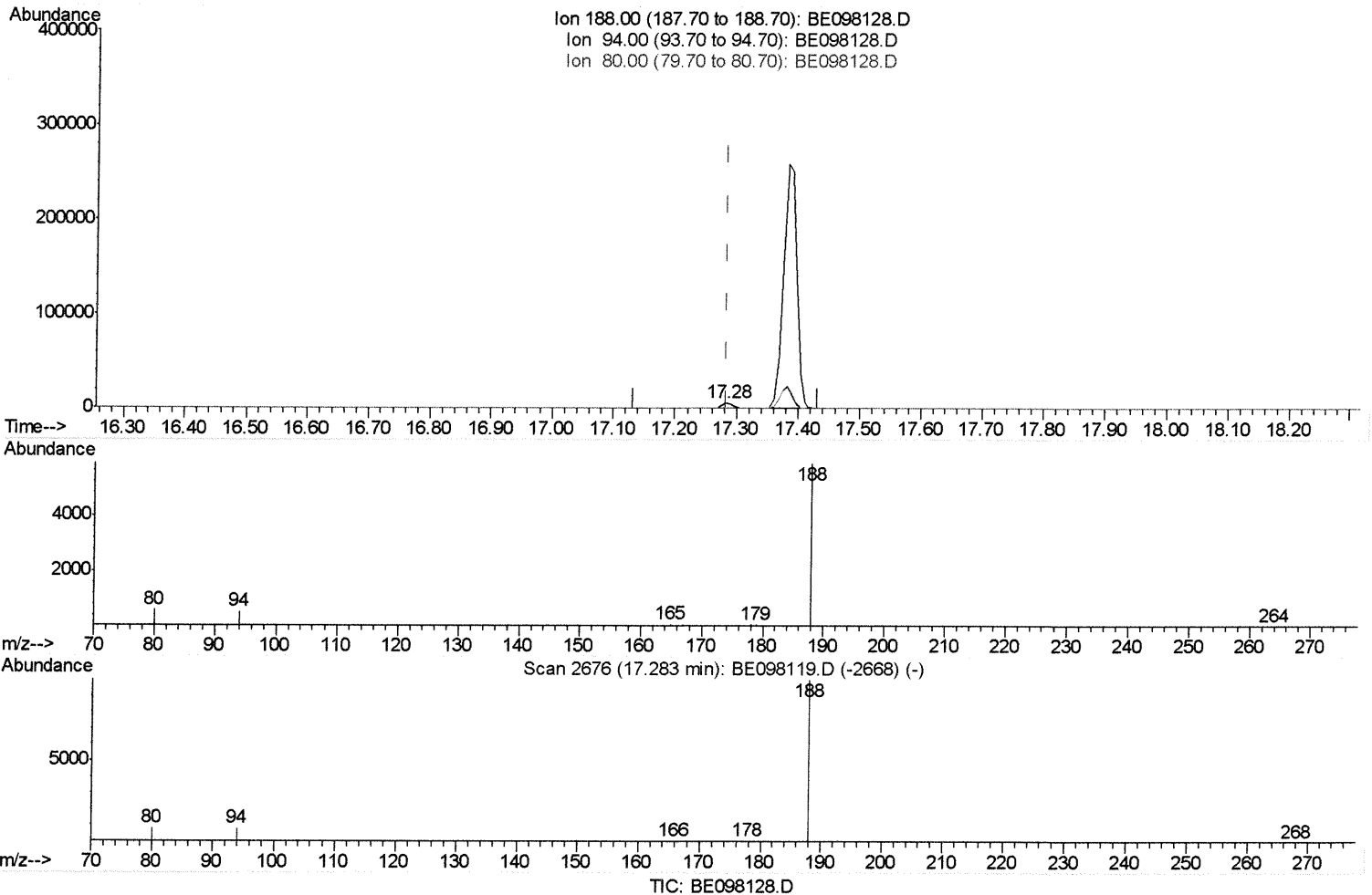
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 02:15:22 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)

17.283min (-0.000) 0.40ng/ul m> 53 11/1/18

response 8605

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	9.21#
80.00	8.50	10.08
0.00	0.00	0.00

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

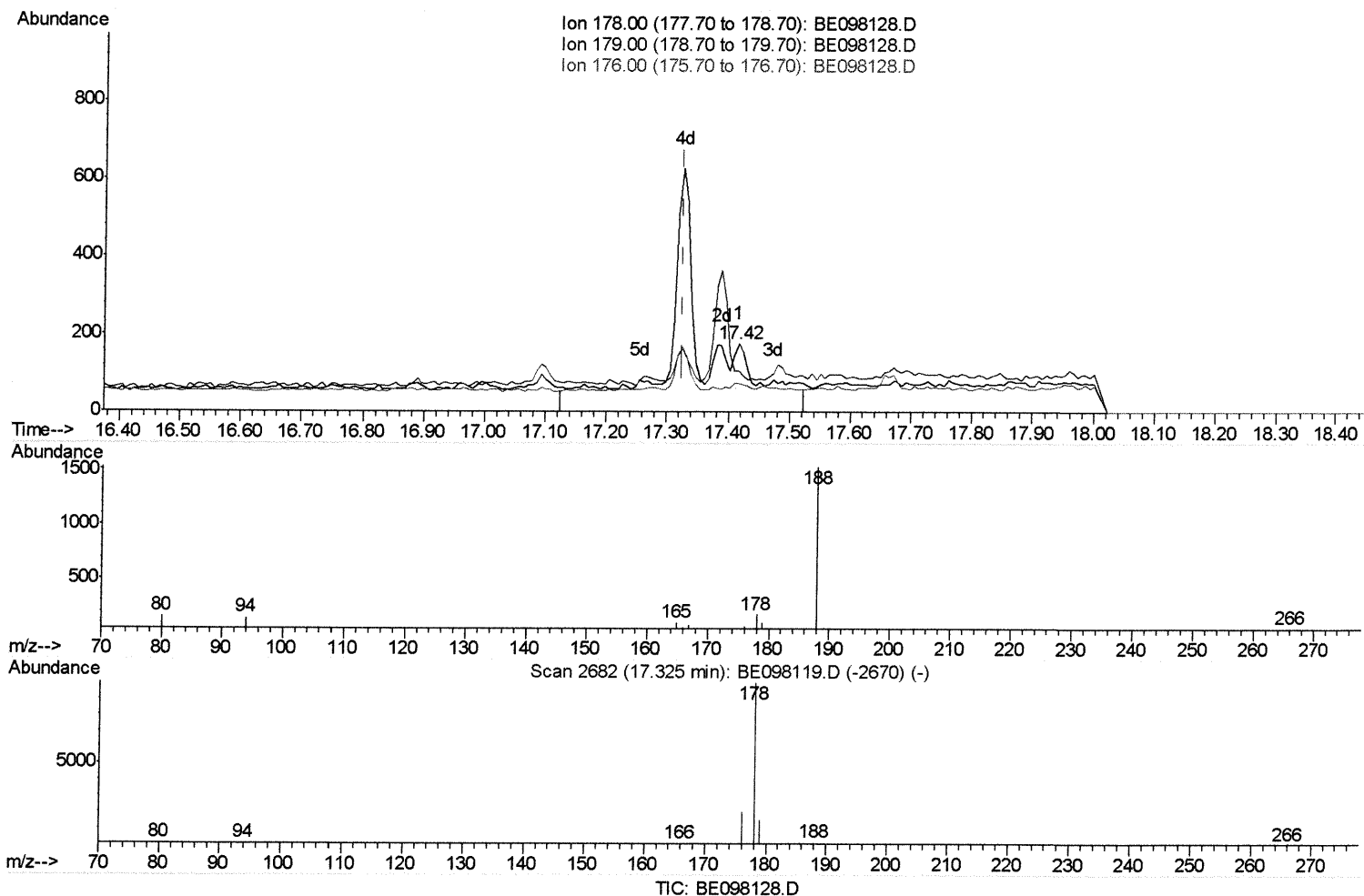
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(12) Phenanthrene

17.417min (+0.091) 0.01ng/ul

response 148

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	59.09#
176.00	19.60	42.05#
0.00	0.00	0.00

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

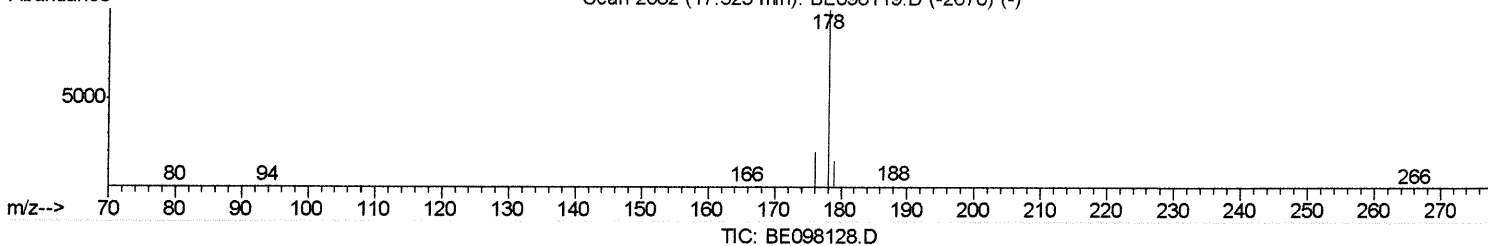
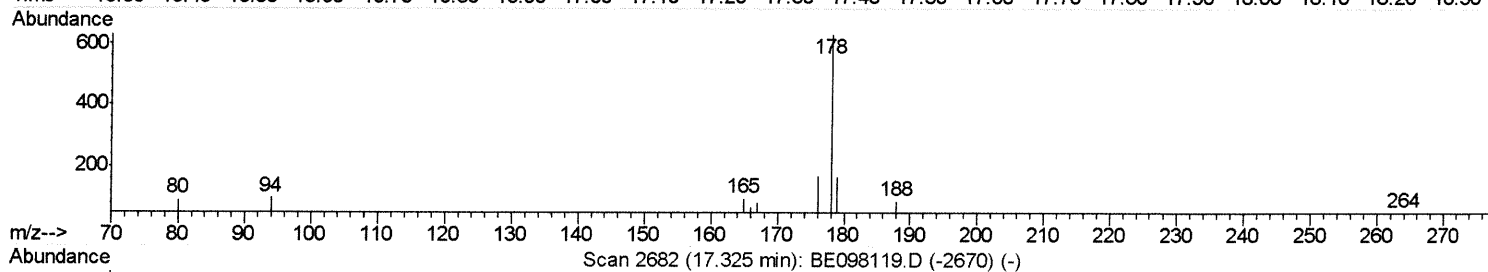
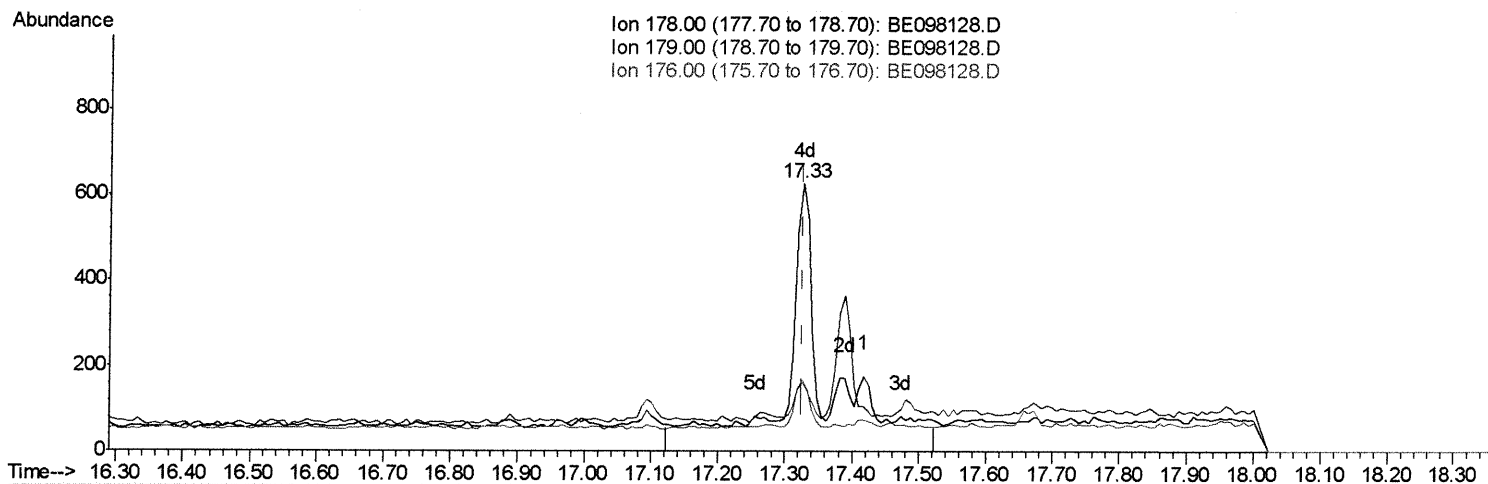
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(12) Phenanthrene

17.325min (-0.000) 0.04ng/ul m) SD 11/2/18

response 830

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	26.04#
176.00	19.60	26.84#
0.00	0.00	0.00

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

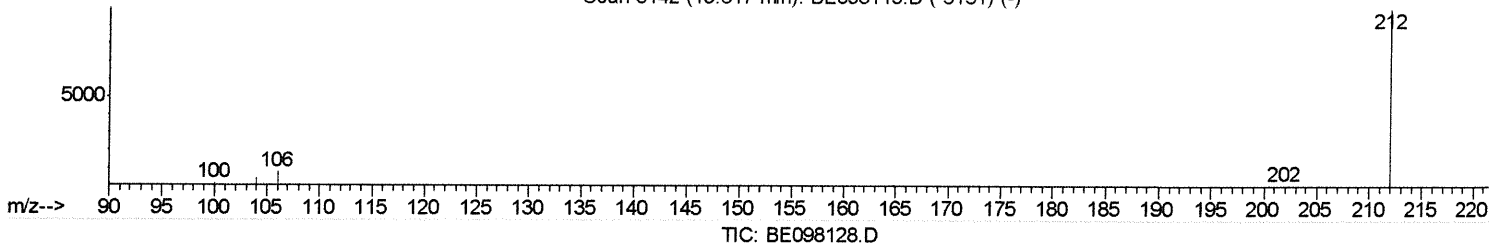
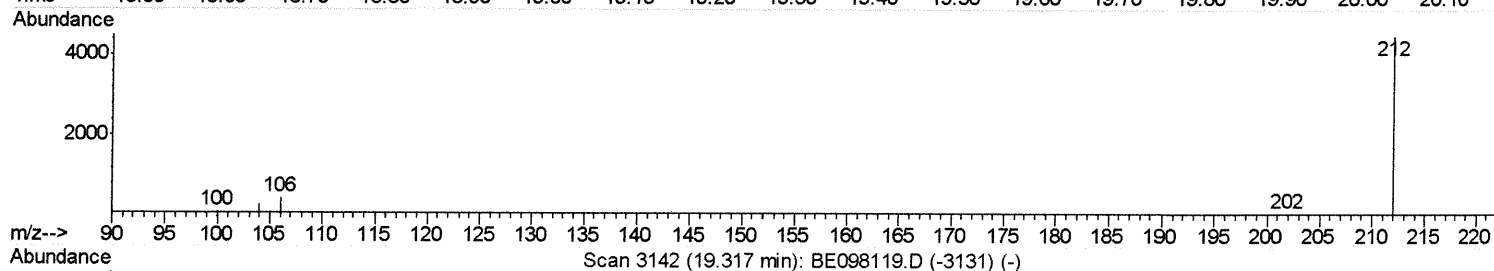
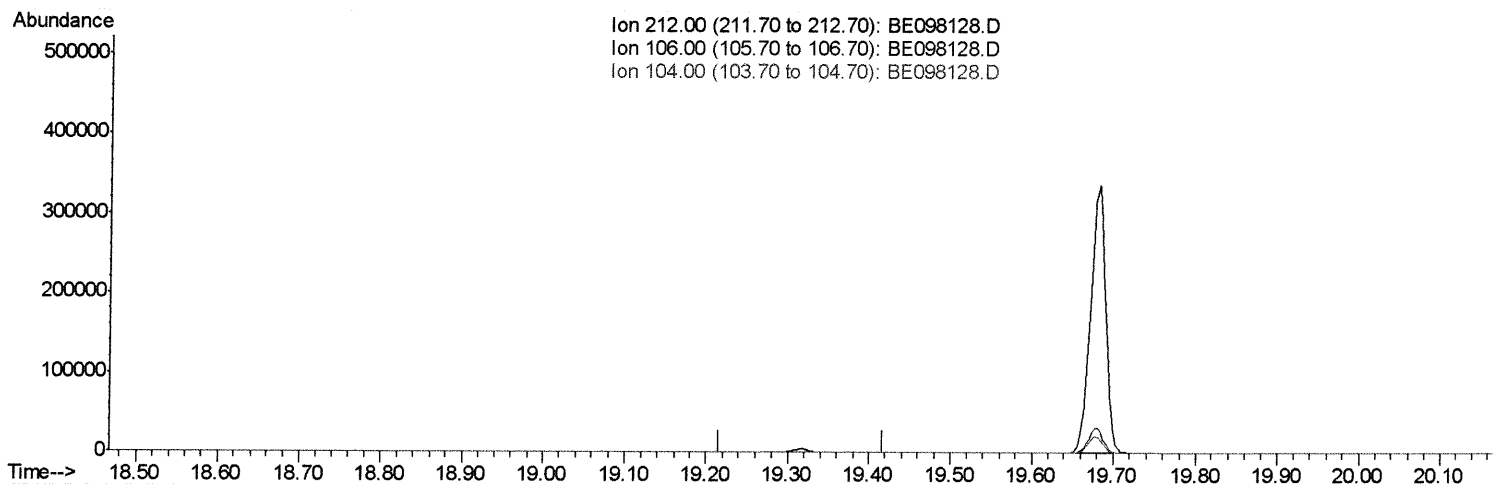
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(14) Fluoranthene-d10 (SURR)

19.317min (-19.317) 0.00ng/ui

response 0

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

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

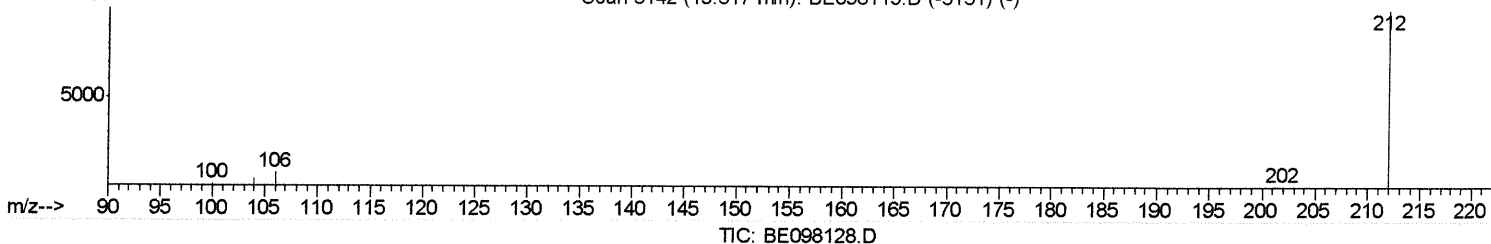
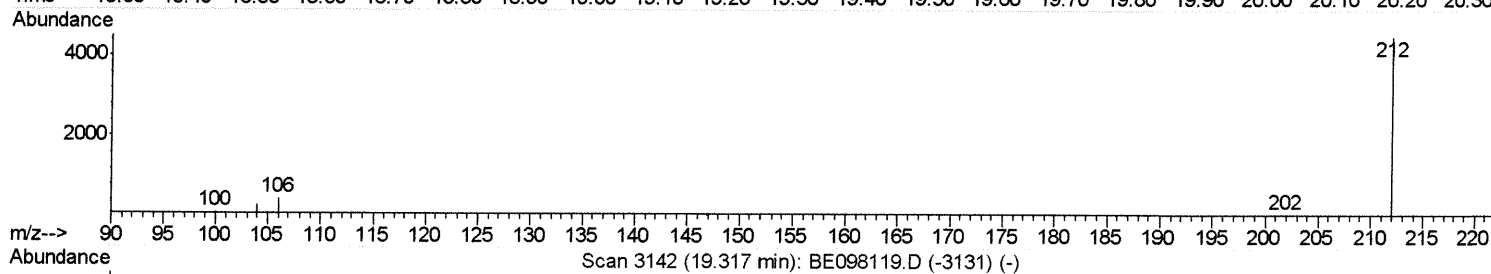
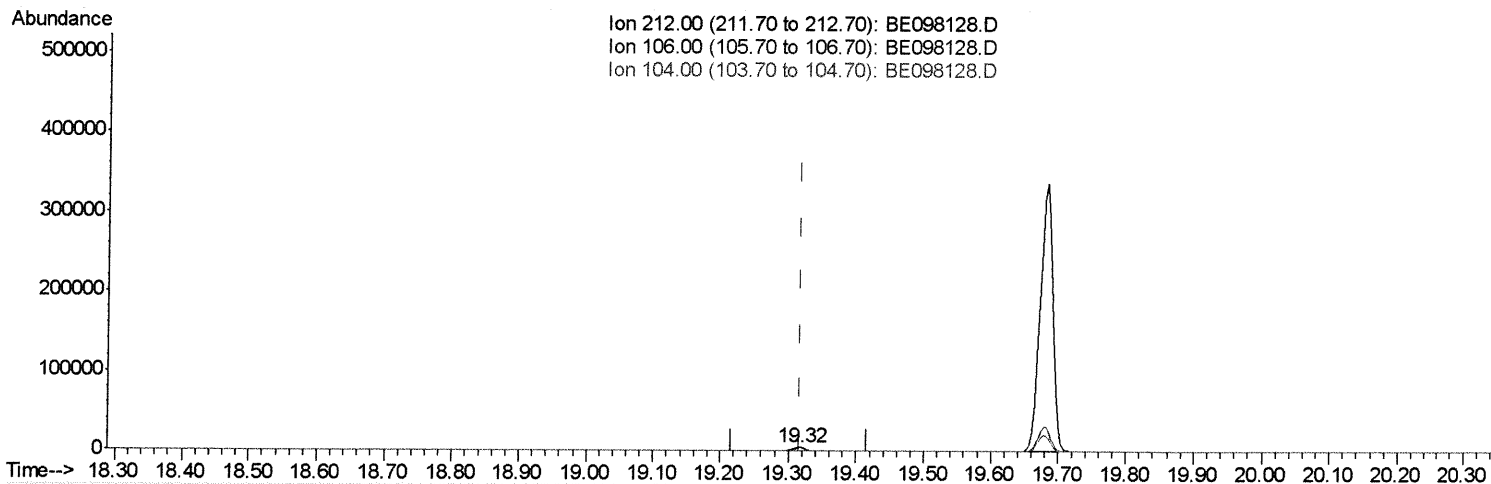
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(14) Fluoranthene-d10 (SURR)

19.317min (-0.000) 0.23ng/ul m > SJ 11/2/18

response 6297

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

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

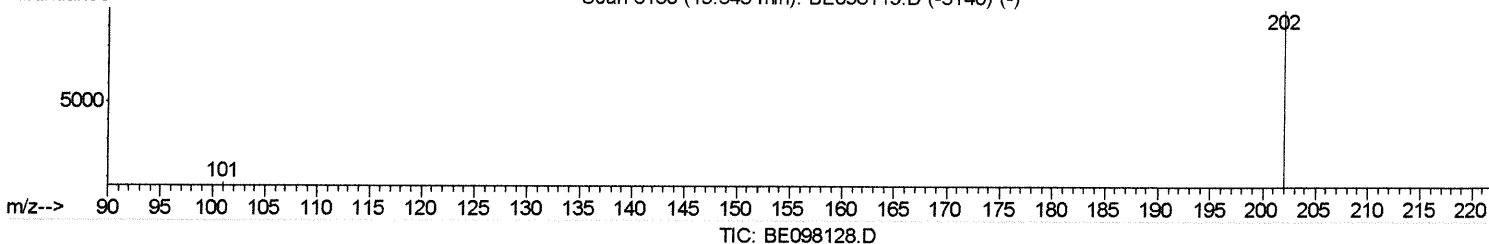
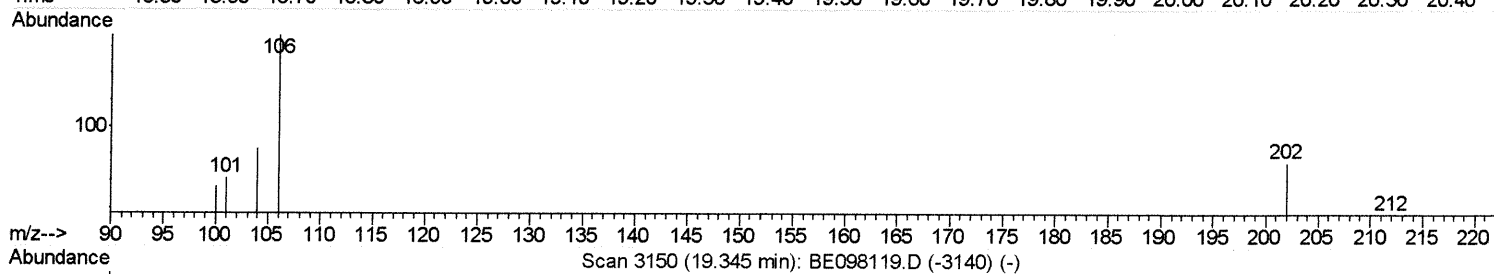
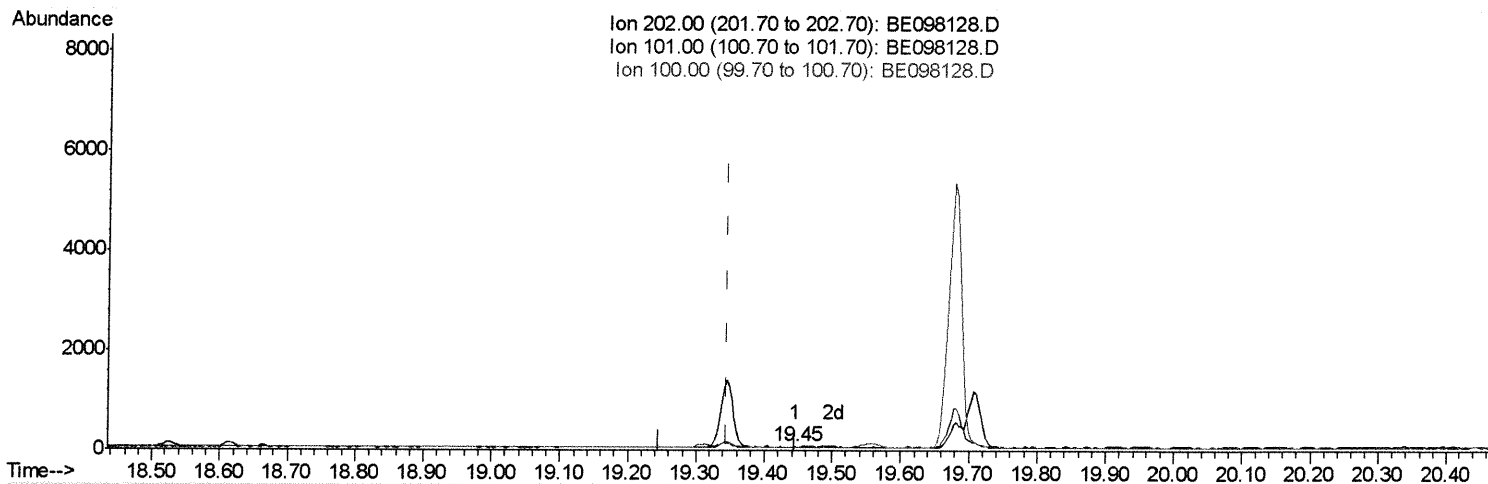
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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)

19.445min (+0.100) 0.00ng/ul

response 17

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	93.10#
100.00	6.00	89.66#
0.00	0.00	0.00

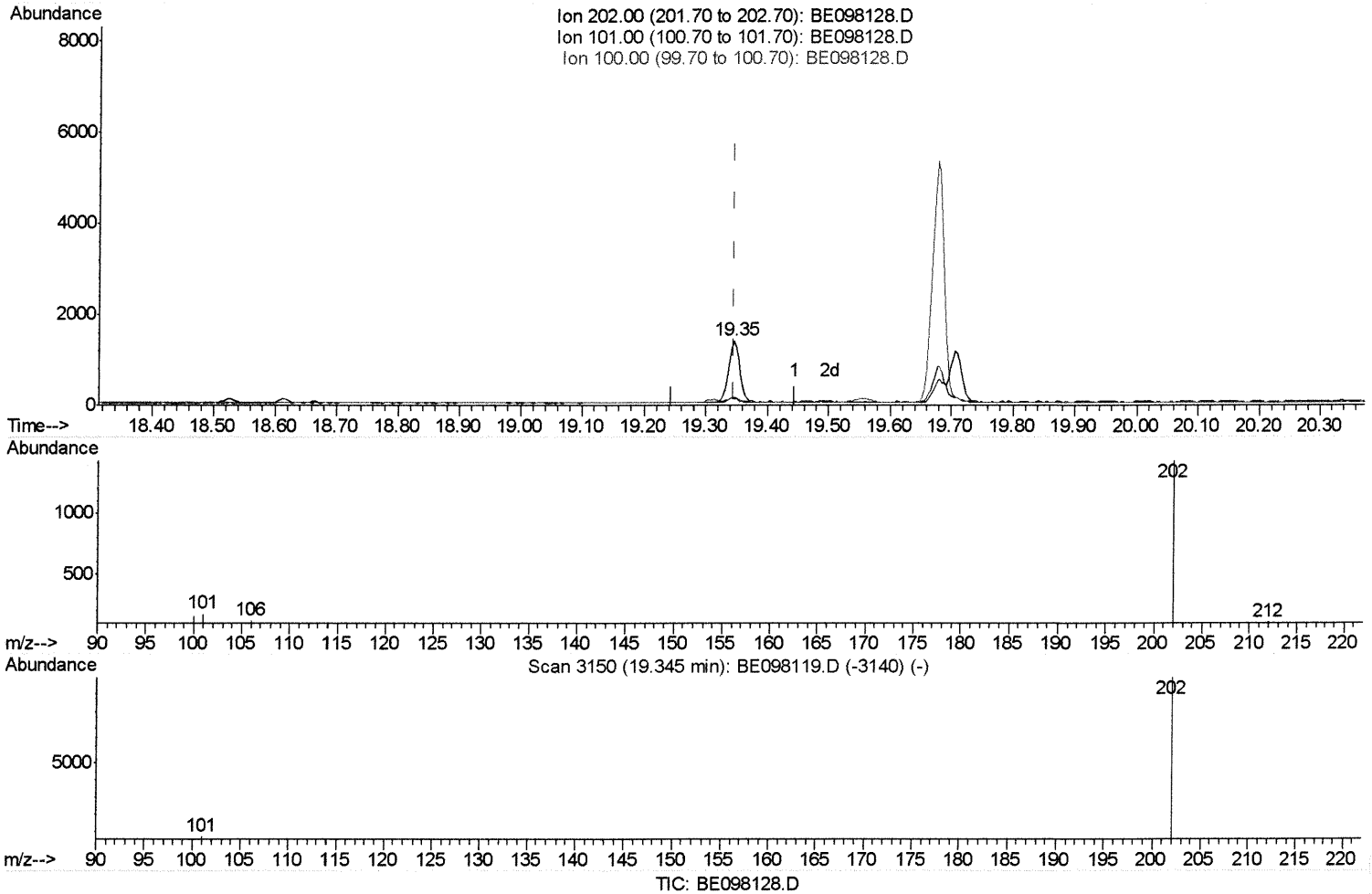
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098128.D
 Acq On : 31 Oct 2018 22:36
 Operator : SJ/JU
 Sample : J5701-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40K0

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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)

19.345min (-0.000) 0.07ng/ul m> SJ 11/2/18

response 1658

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	12.52
100.00	6.00	10.97
0.00	0.00	0.00

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

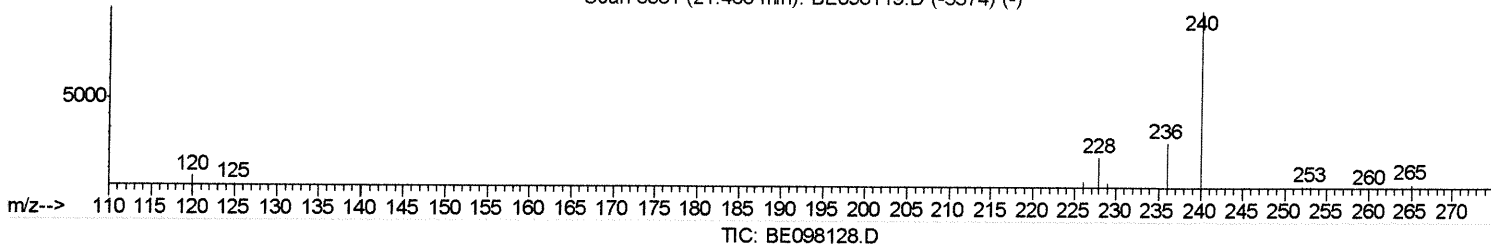
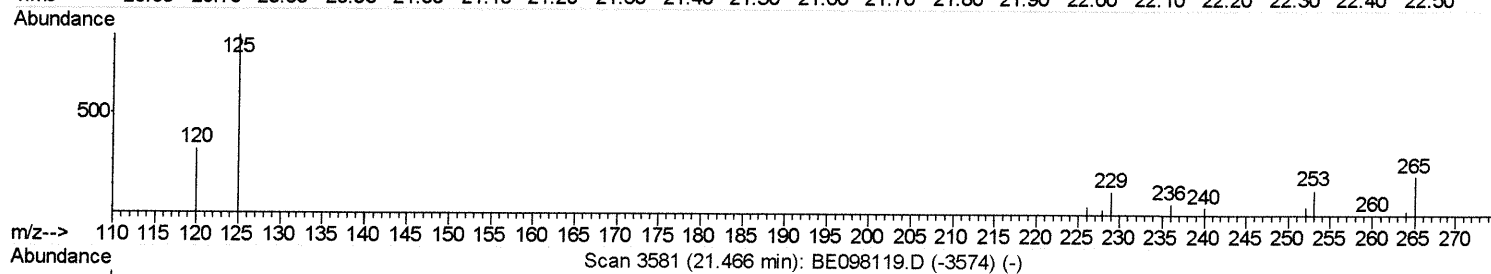
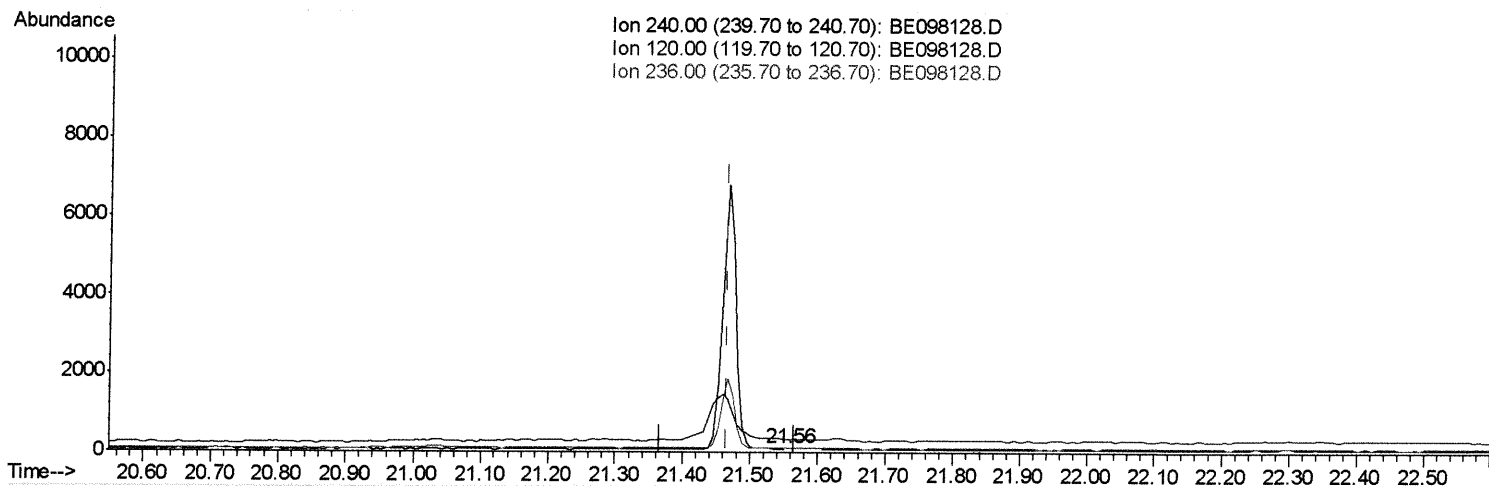
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(16) Chrysene-d12 (I)

21.558min (+0.092) 0.40ng/ul

response 30

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	319.27#
236.00	26.20	113.76#
0.00	0.00	0.00

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

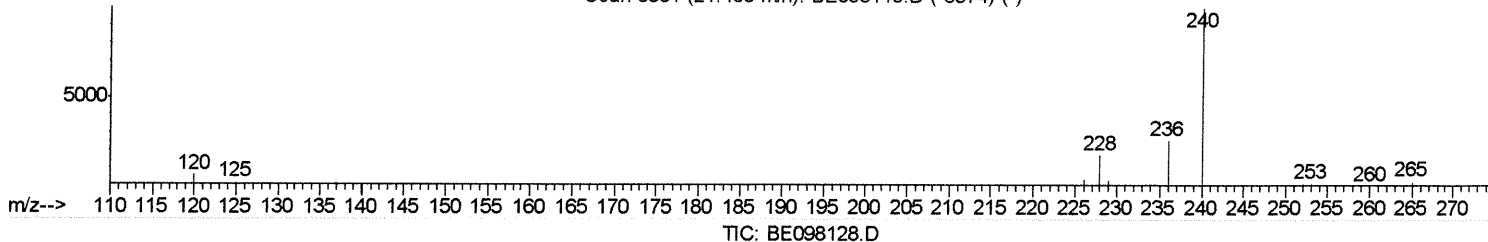
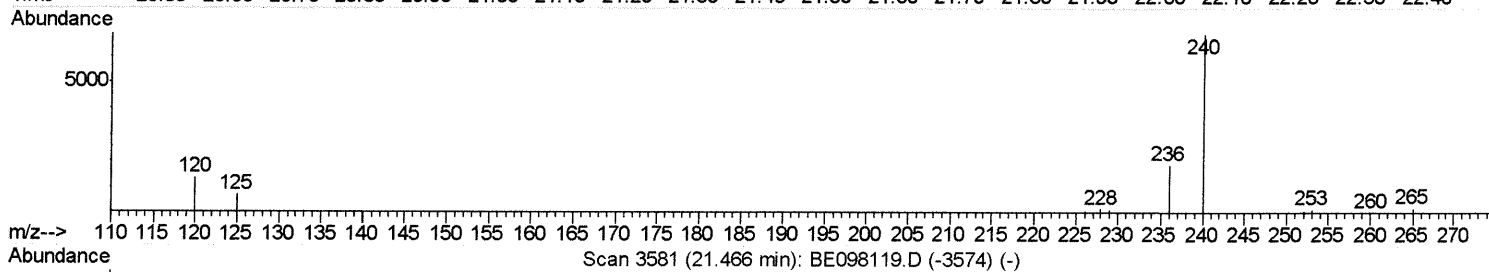
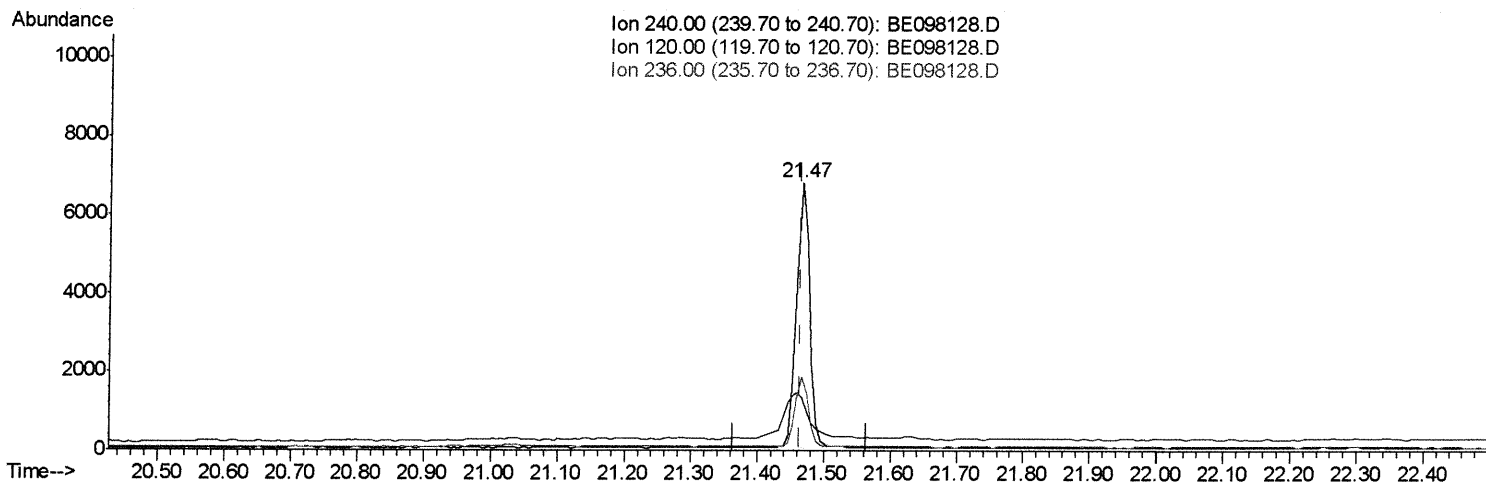
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:55:02 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



(16) Chrysene-d12 (I)

21.466min (+0.001) 0.40ng/ul m> SJ 11/2/18

response 8928

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	19.95#
236.00	26.20	27.60
0.00	0.00	0.00

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

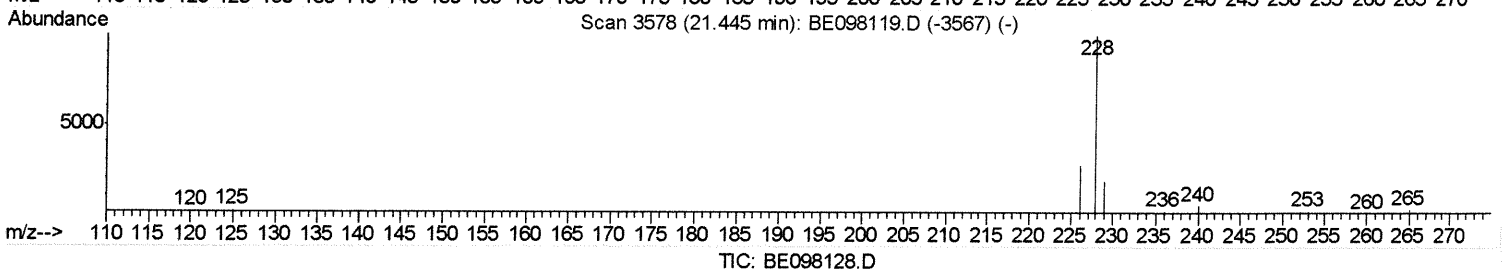
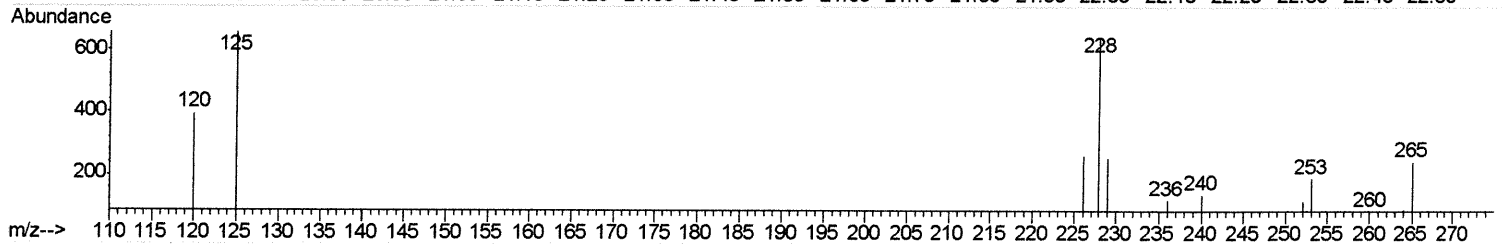
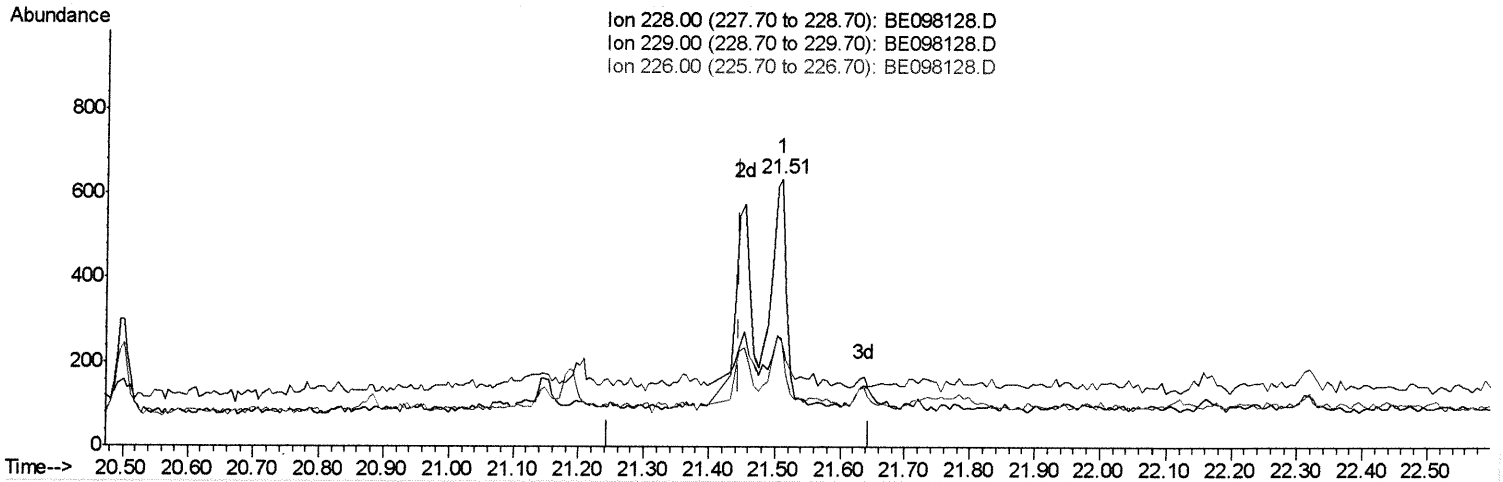
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(18) Benzo(a)anthracene
21.509min (+0.064) 0.04ng/ul
response 958

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	40.00#
226.00	27.80	40.79#
0.00	0.00	0.00

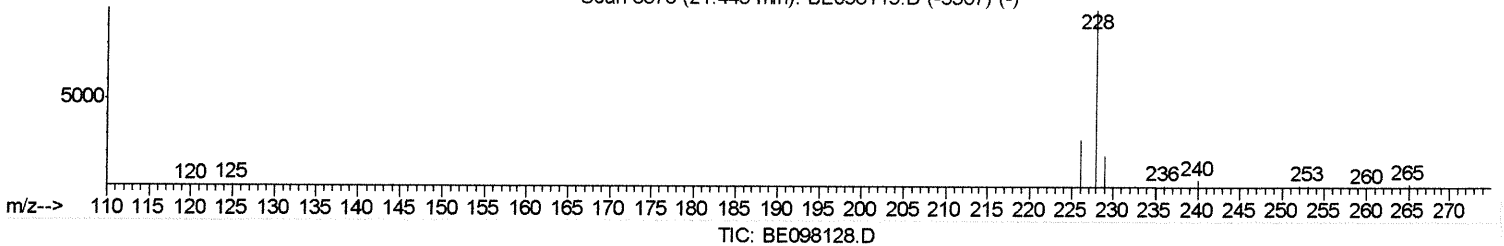
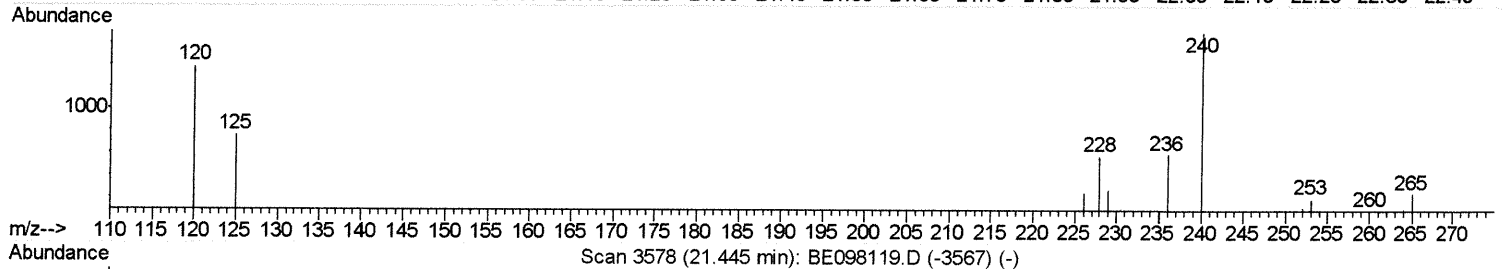
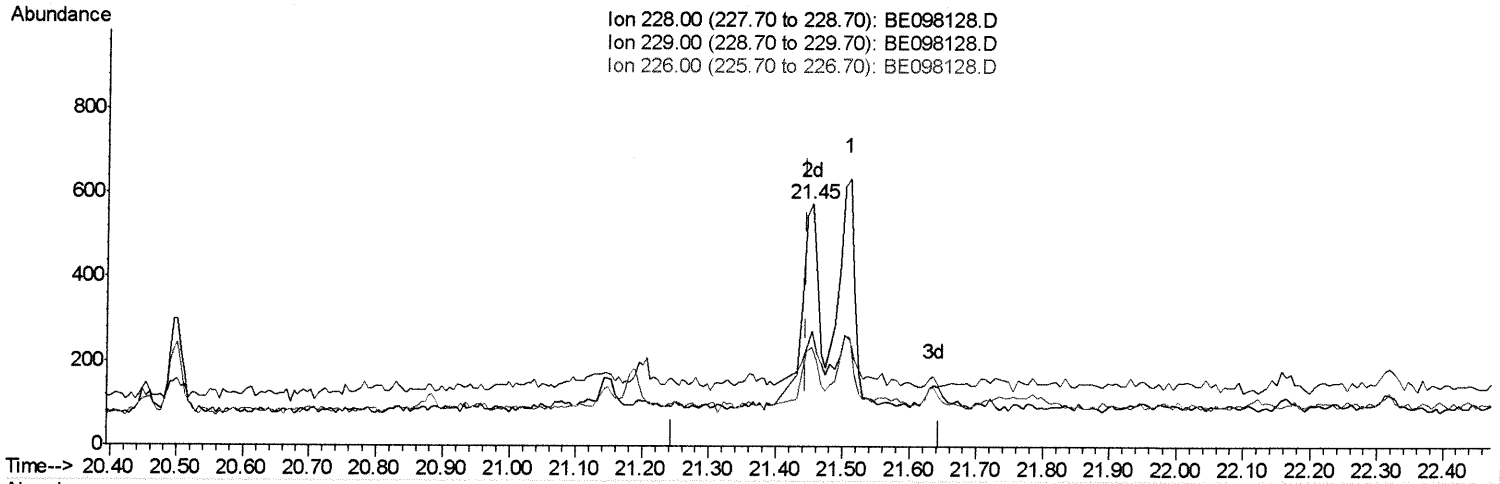
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098128.D
 Acq On : 31 Oct 2018 22:36
 Operator : SJ/JU
 Sample : J5701-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40K0

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(18) Benzo(a)anthracene

21.452min (+0.008) 0.04ng/ul m) 50 11/2/18

response 1163

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	47.31#
226.00	27.80	40.90#
0.00	0.00	0.00

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

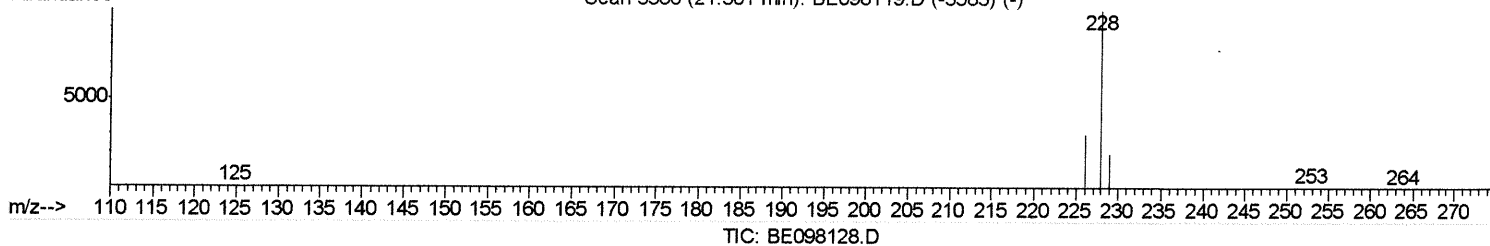
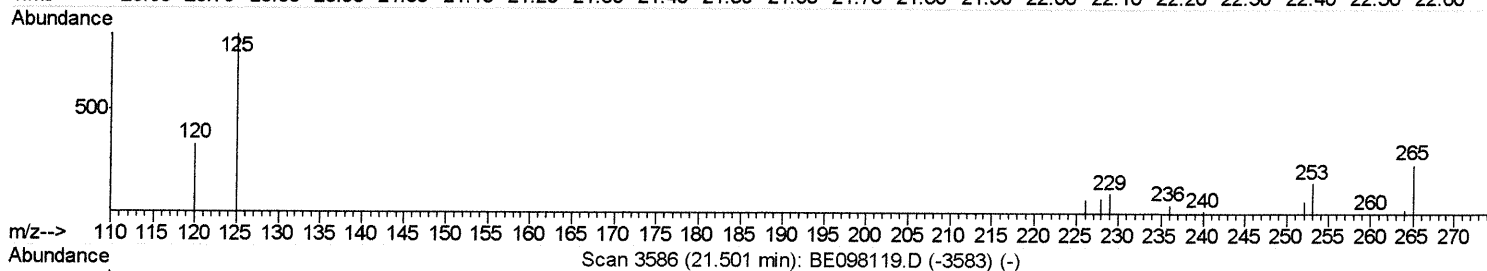
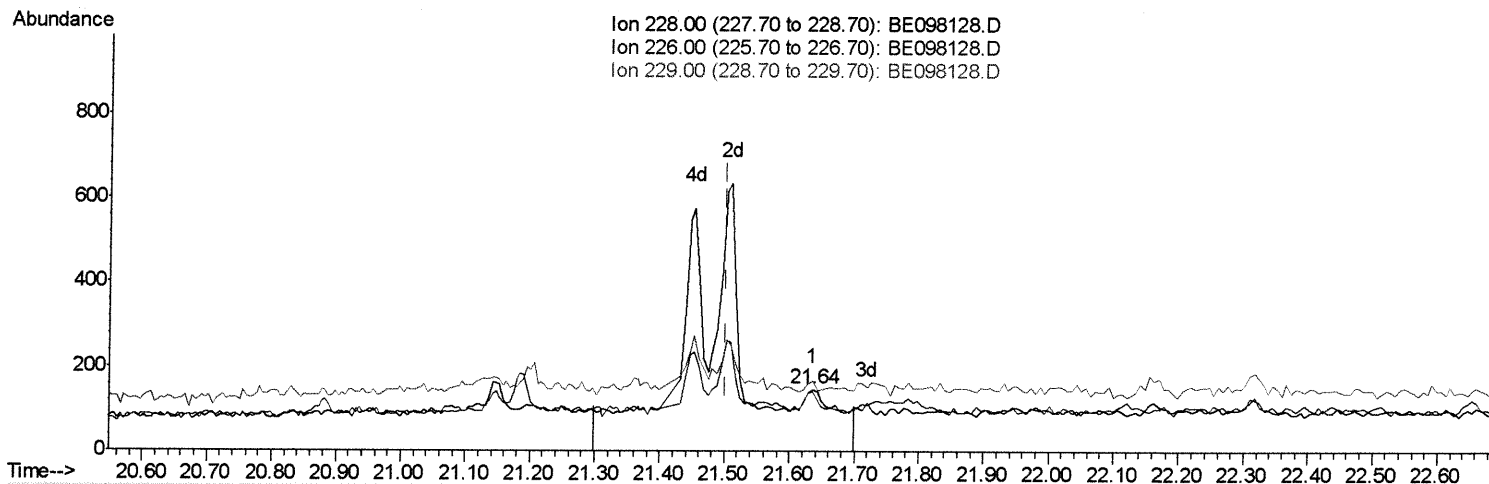
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(19) Chrysene

21.635min (+0.134) 0.01ng/ul

response 120

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	95.95#
229.00	20.50	112.84#
0.00	0.00	0.00

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

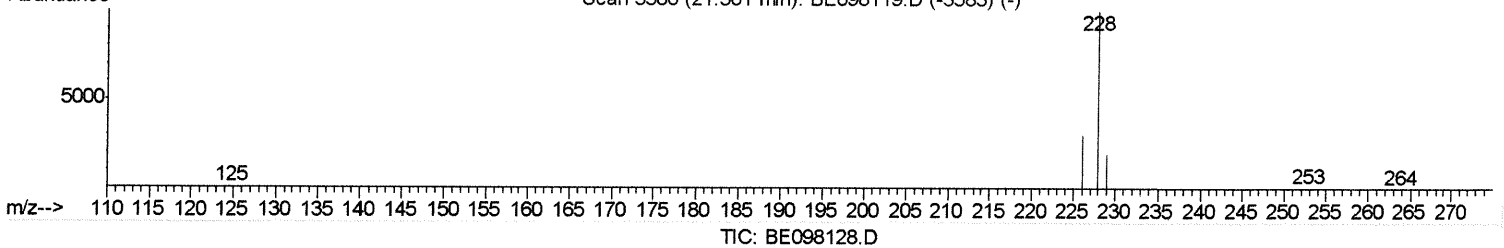
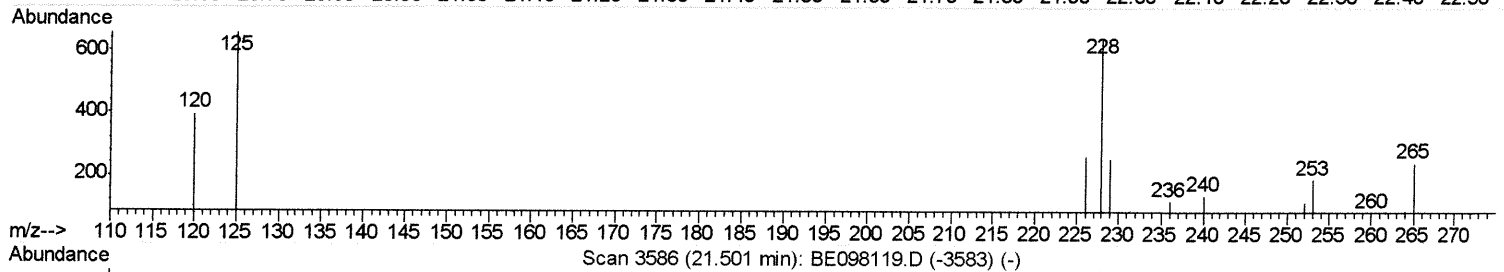
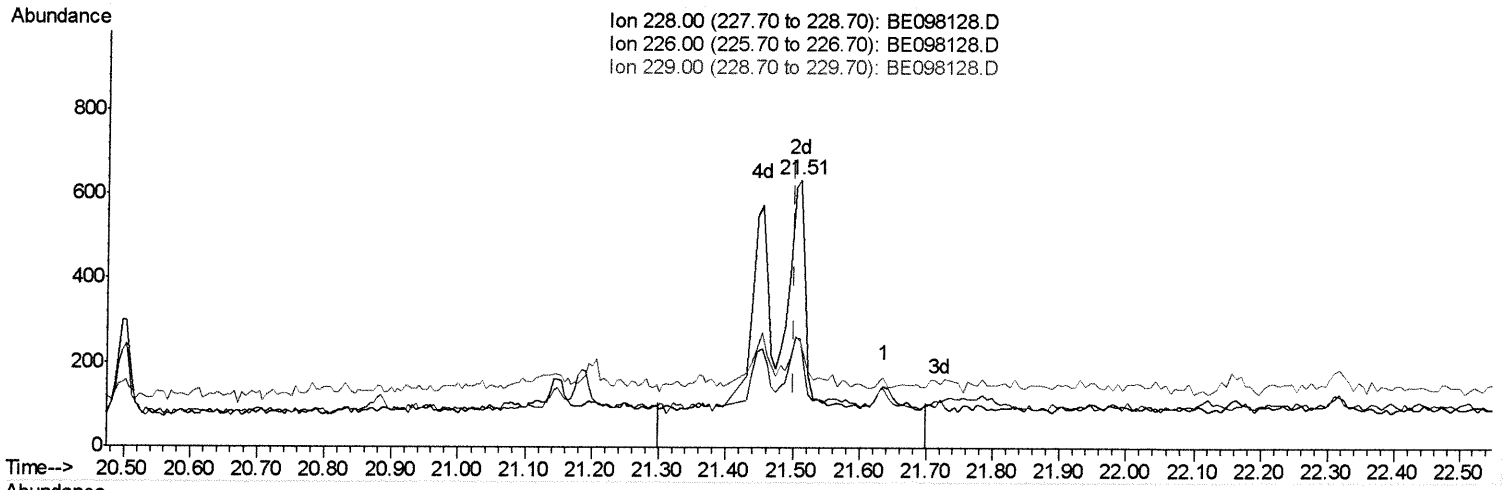
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(19) Chrysene

21.509min (+0.008) 0.04ng/ul m> SD 11/2/18

response 891

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	40.79#
229.00	20.50	40.00#
0.00	0.00	0.00

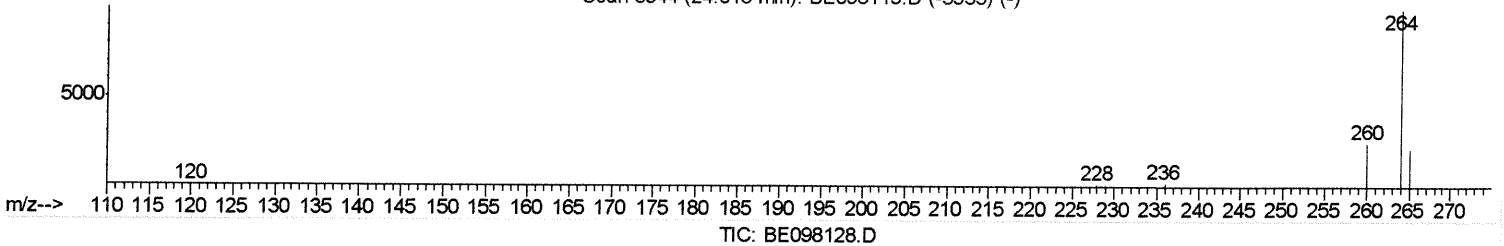
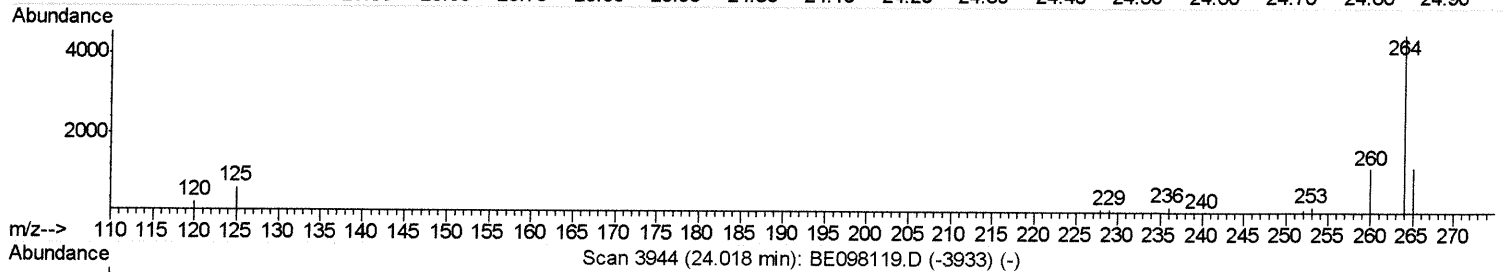
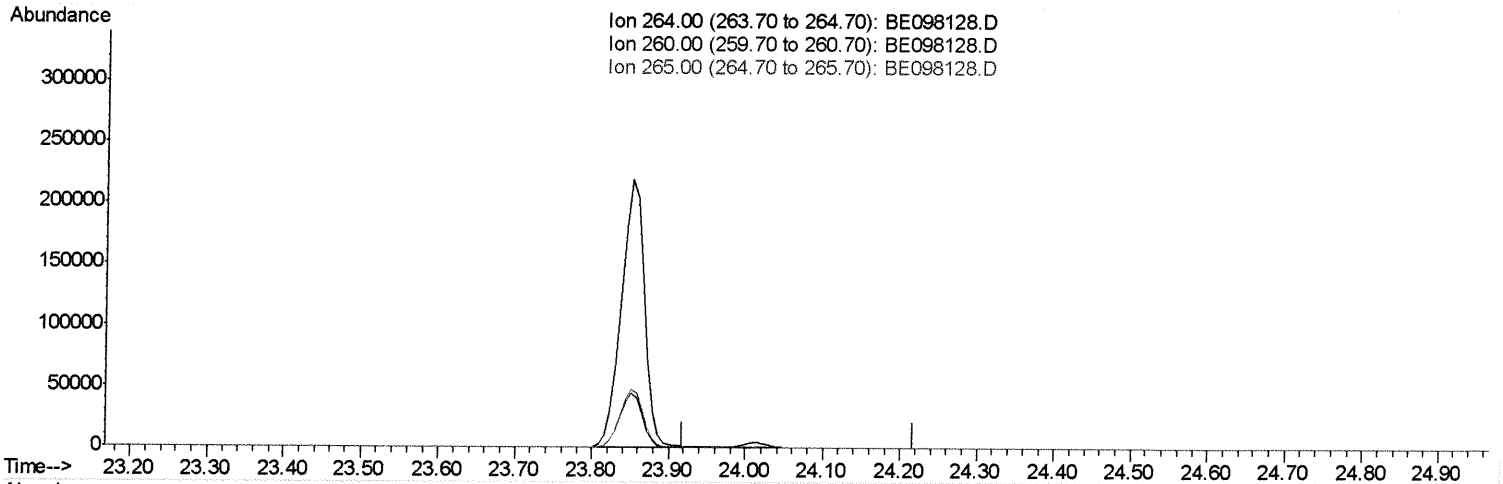
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098128.D
 Acq On : 31 Oct 2018 22:36
 Operator : SJ/JU
 Sample : J5701-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40K0

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(20) Perylene-d12 (I)
 24.018min (-24.018) 0.00ng/ul
 response 0

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

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

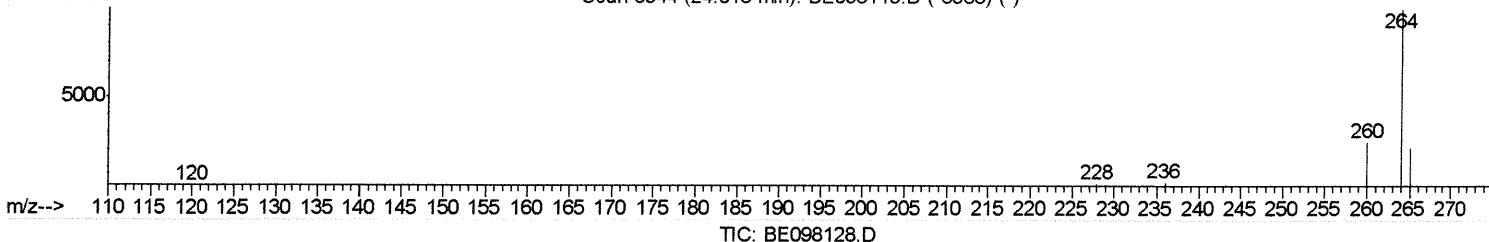
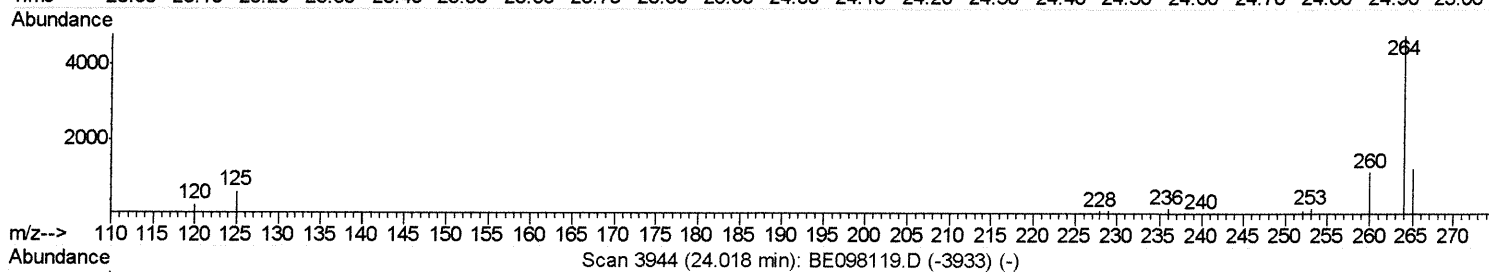
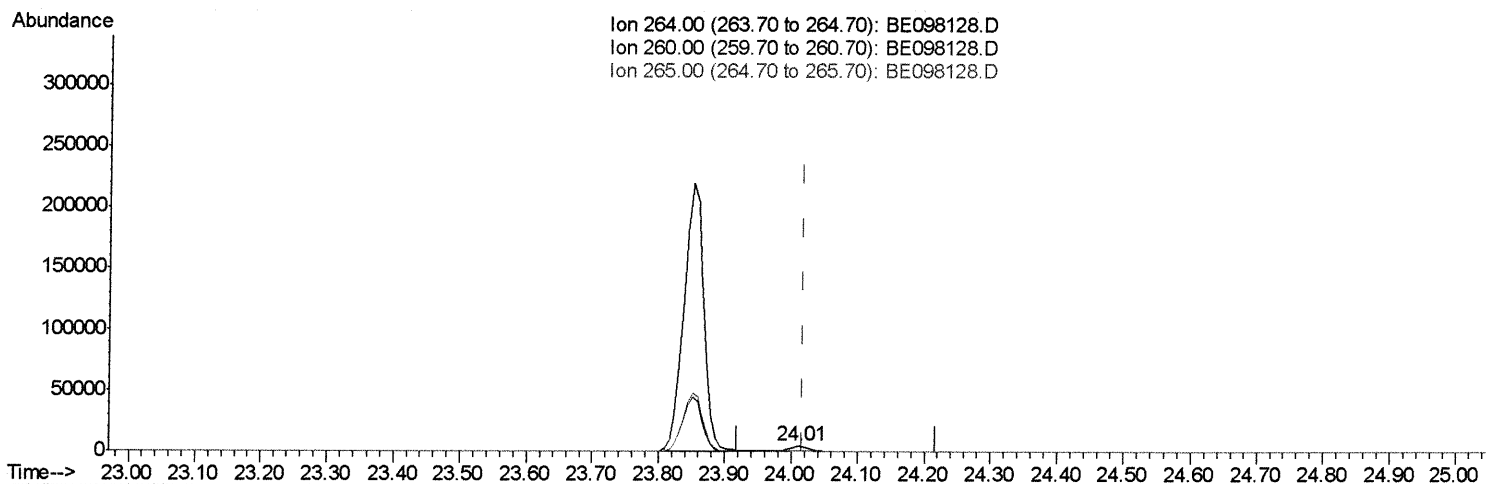
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:56:21 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



(20) Perylene-d12 (I)

24.012min (-0.006) 0.40ng/ul m

SJ 11/2/18

response 8806

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	24.64
265.00	28.00	26.76
0.00	0.00	0.00

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

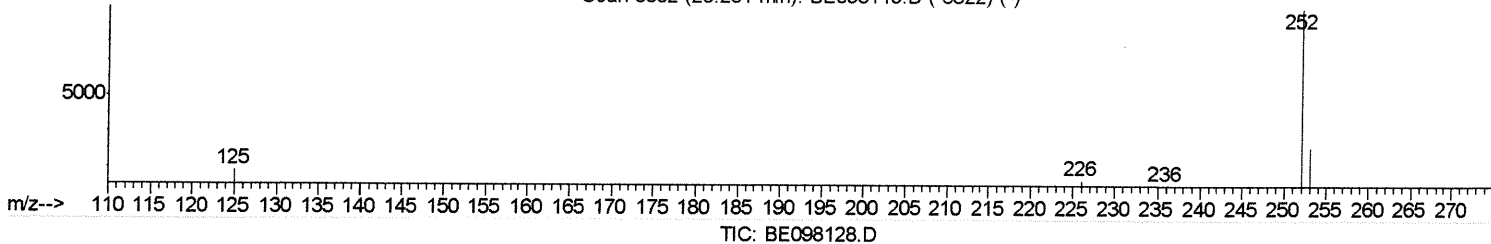
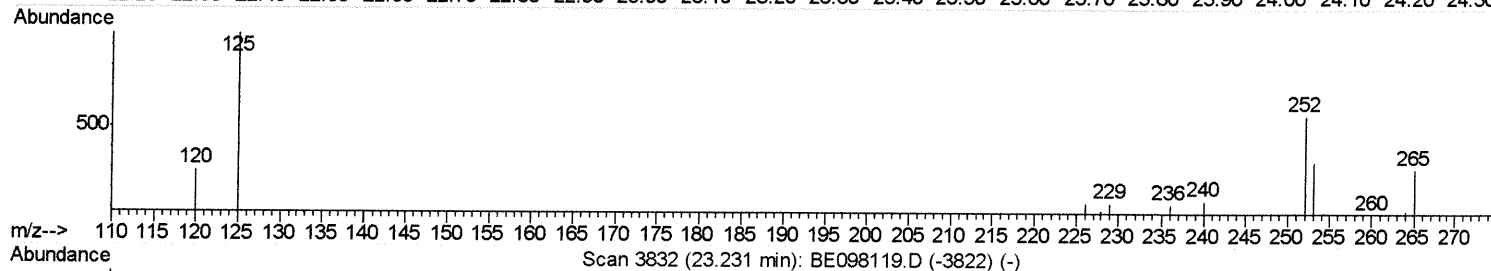
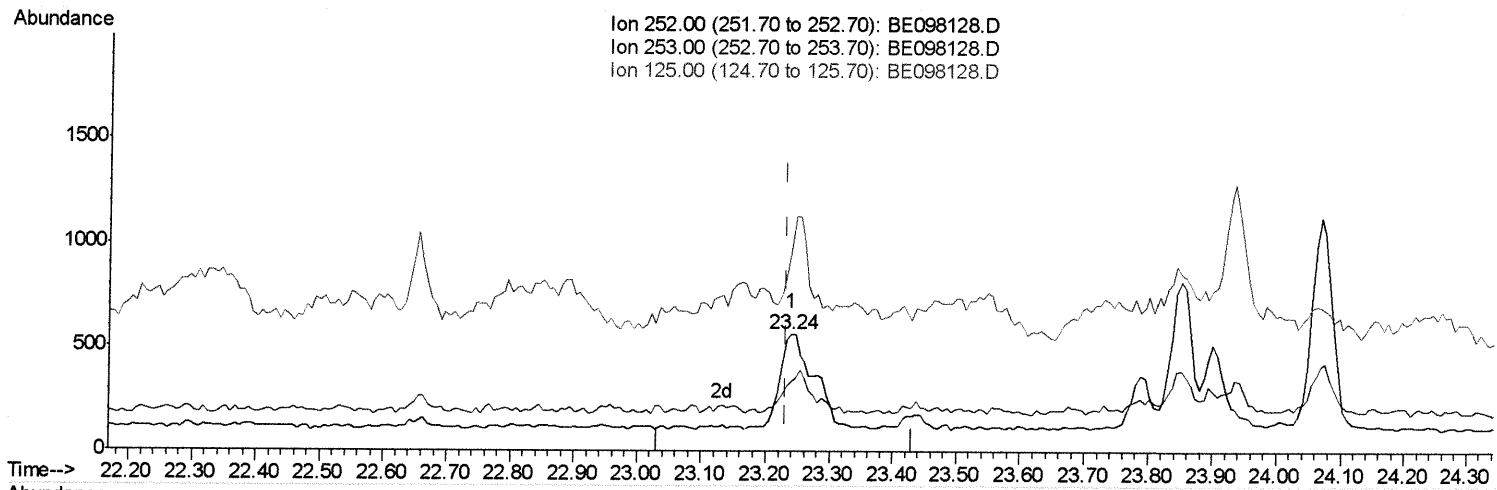
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:57:13 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



(21) Benzo(b)fluoranthene
23.238min (+0.008) 0.07ng/ul
response 1710

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	58.97#
125.00	8.40	169.80#
0.00	0.00	0.00

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

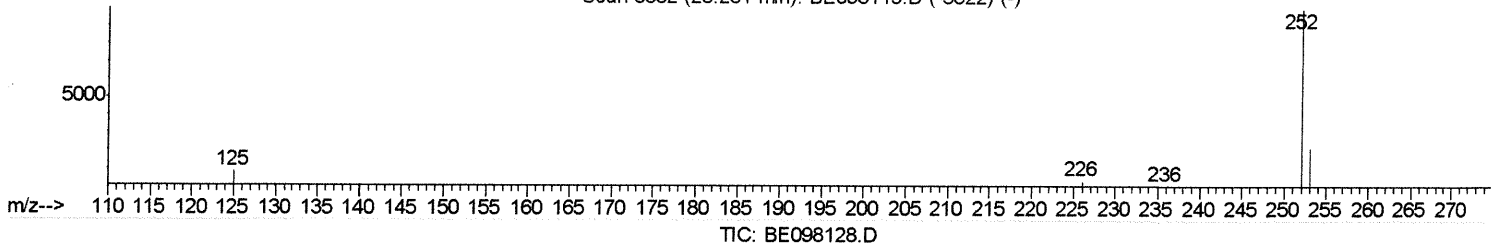
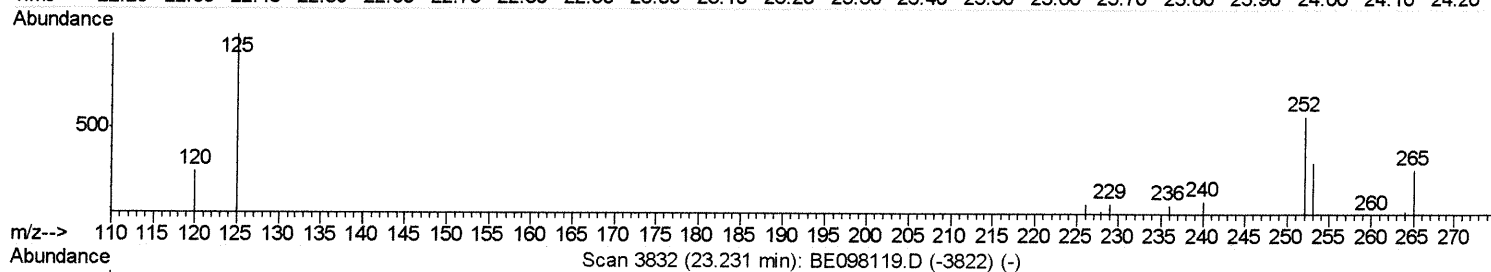
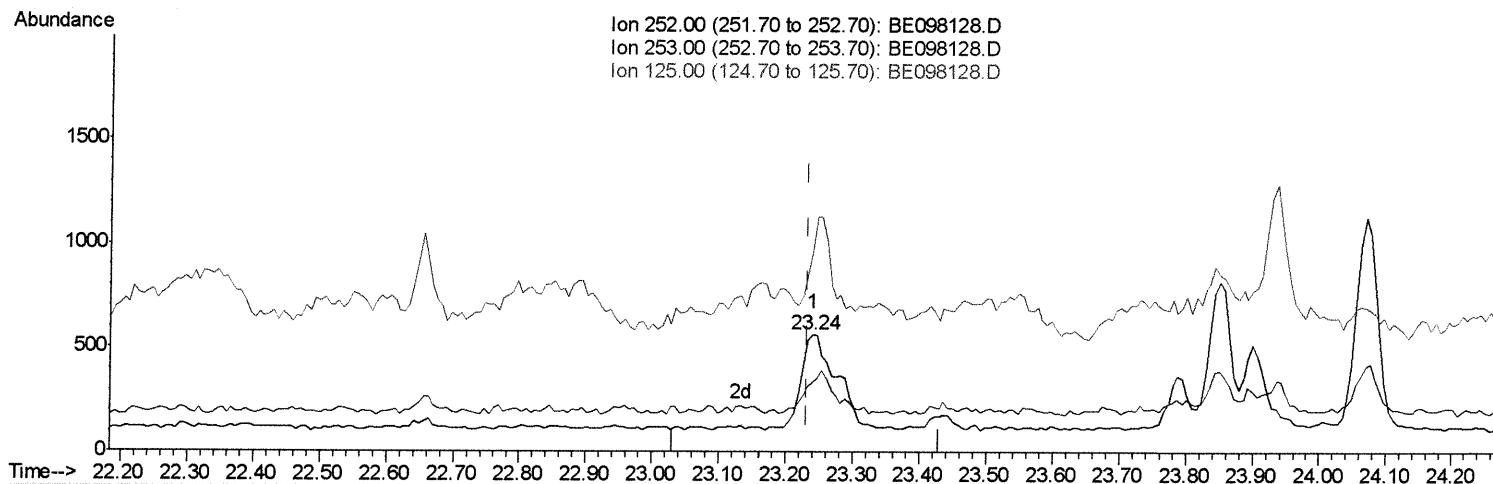
Data File : BE098128.D
Acq On : 31 Oct 2018 22:36
Operator : SJ/JU
Sample : J5701-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40K0

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:08 AM

Quant Time: Nov 01 03:57:13 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



(21) Benzo(b)fluoranthene

23.238min (+0.008) 0.05ng/ul m

SJ 11/2/18

response 1214

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	58.97#
125.00	8.40	169.80#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (QT Reviewed)
 Data File : BE098128.D
 Acq On : 31 Oct 2018 22:36
 Operator : SJ/JU
 Sample : J5701-18
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40K0

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:08 AM

Quant Time: Nov 01 04:02:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1073	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5212	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3738	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	8605m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	8928m	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	8806m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	1997	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	6297m	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.33	178	830m	0.042	ng/ul	
15) Fluoranthene	19.35	202	1658m	0.065	ng/ul	
17) Pyrene	19.71	202	1421	0.068	ng/ul#	78
18) Benzo(a)anthracene	21.45	228	1163m	0.044	ng/ul	
19) Chrysene	21.51	228	891m	0.044	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	1214m	0.050	ng/ul	

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