

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (QT Reviewed)

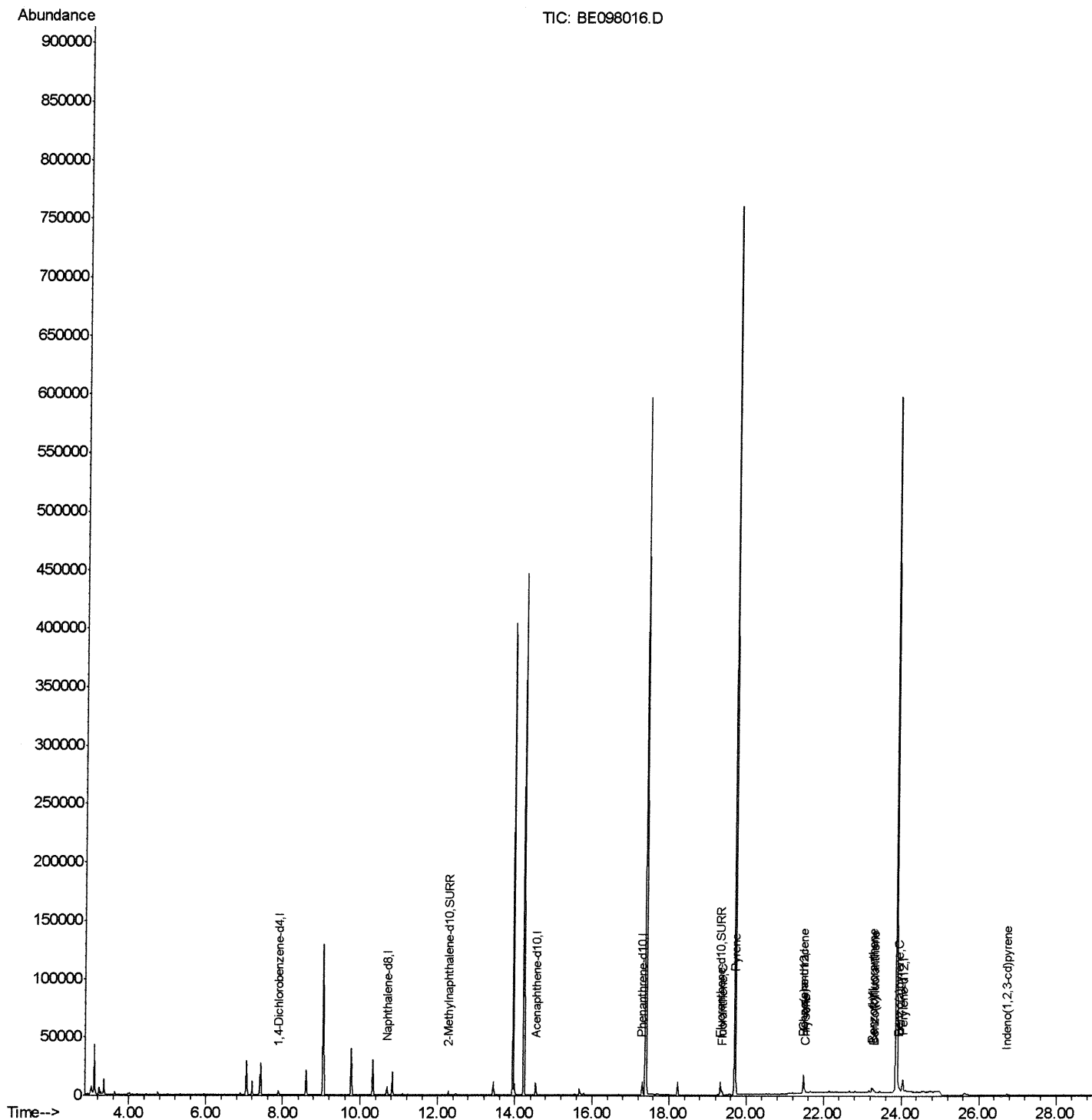
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:57:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

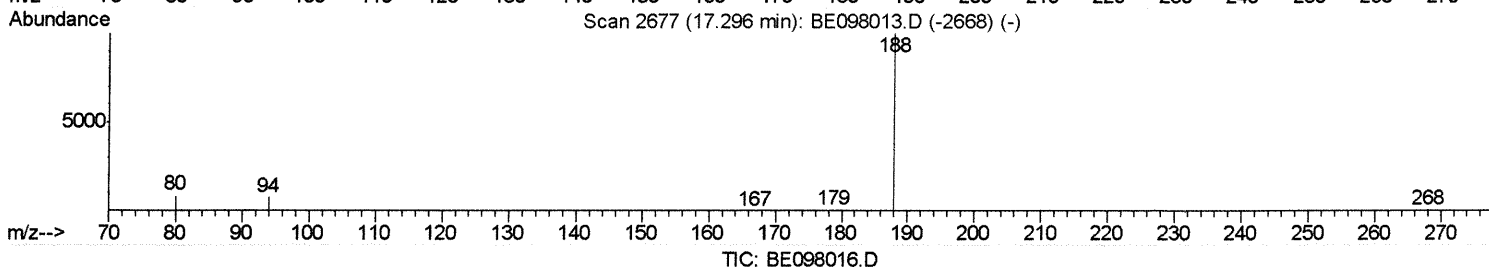
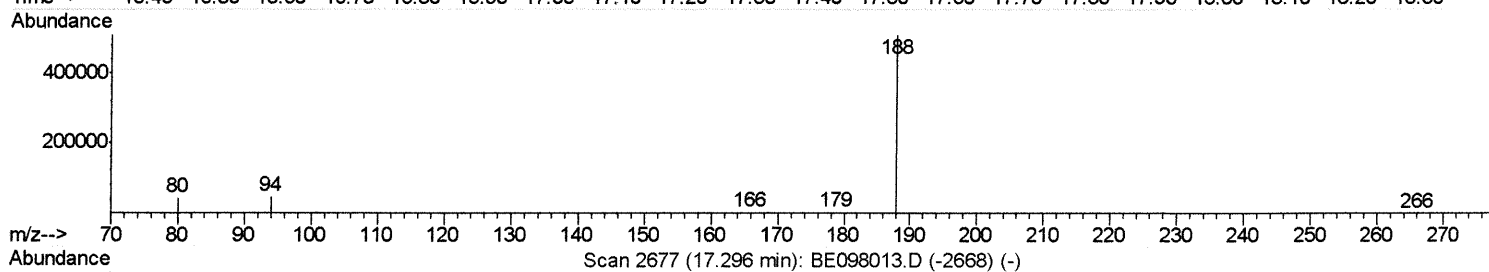
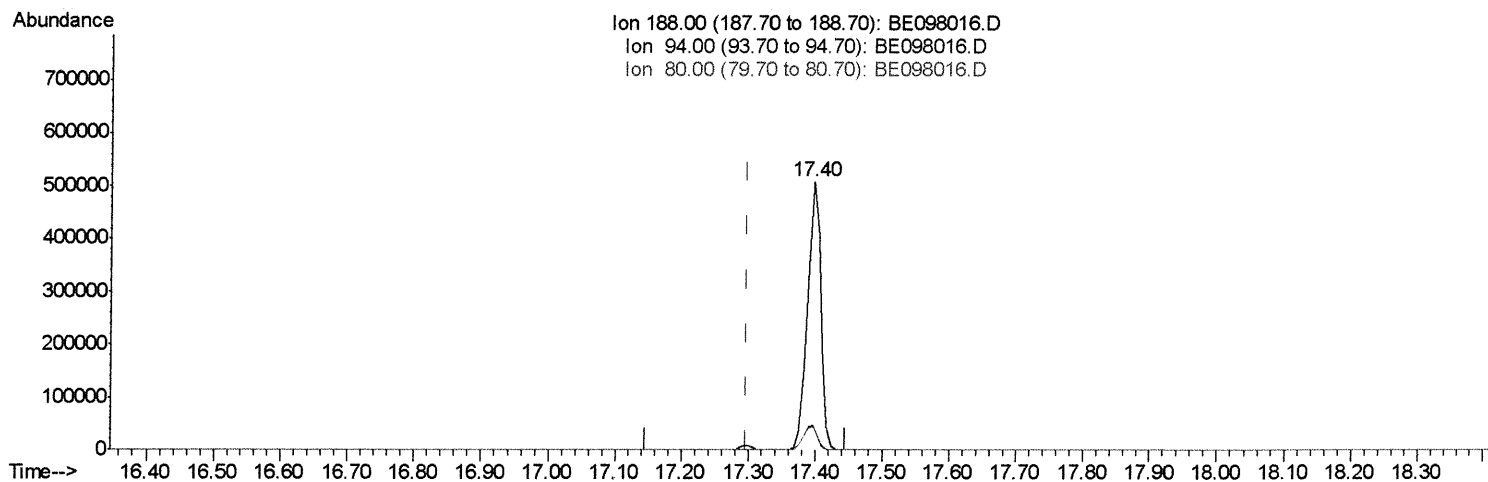
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:37:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.395min (+0.099) 0.40ng/ul

response 711524

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	9.15
80.00	9.30	8.45
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

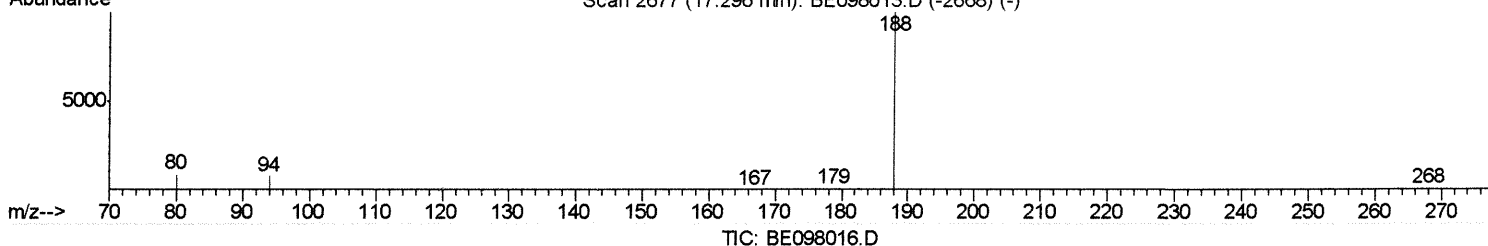
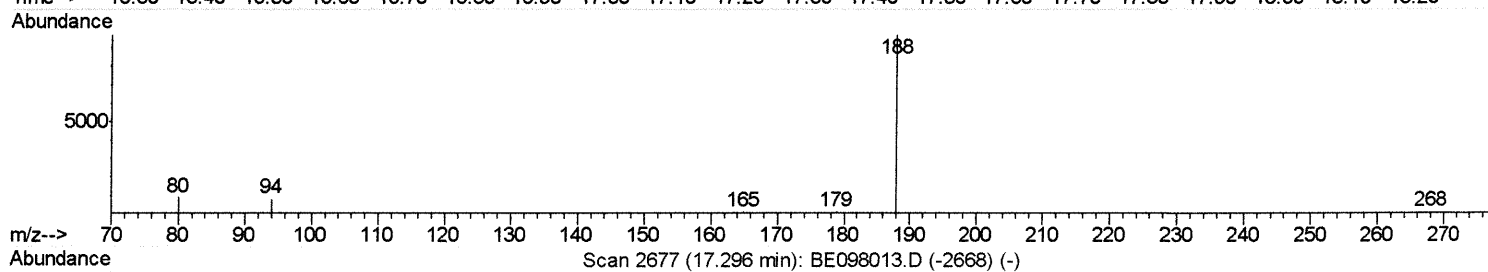
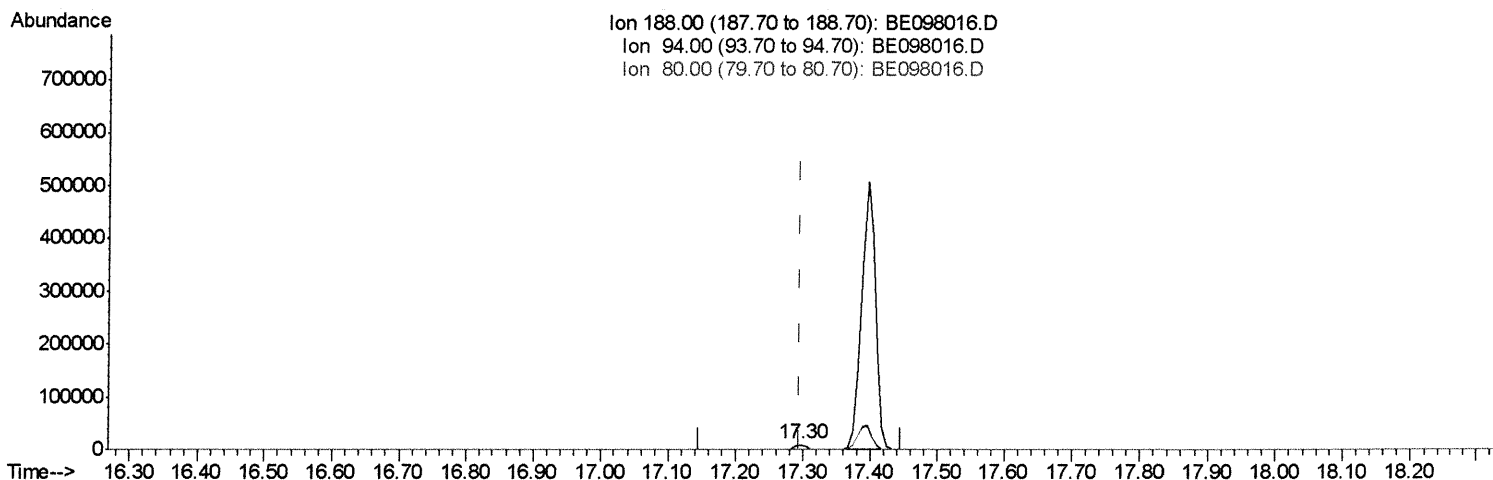
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:37:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.297min (+0.000) 0.40ng/ul m

SJ 10/24/18

response 13129

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	8.19
80.00	9.30	9.11
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

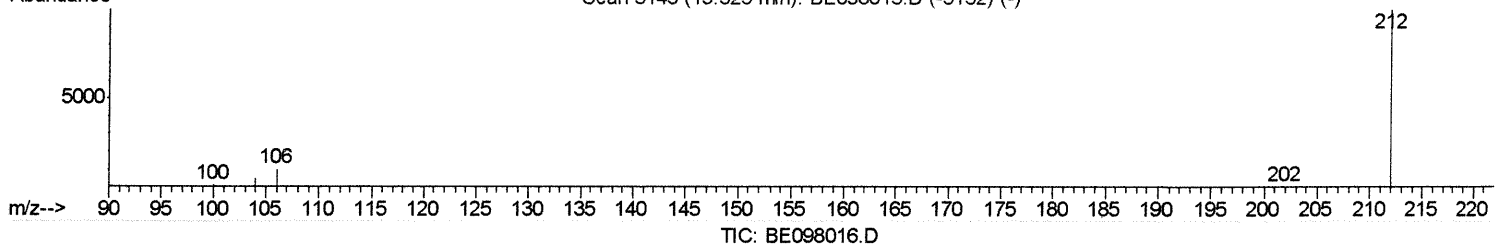
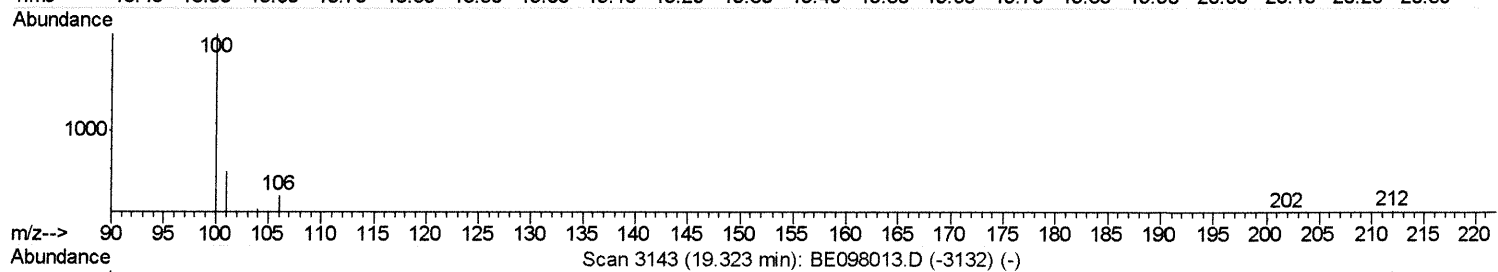
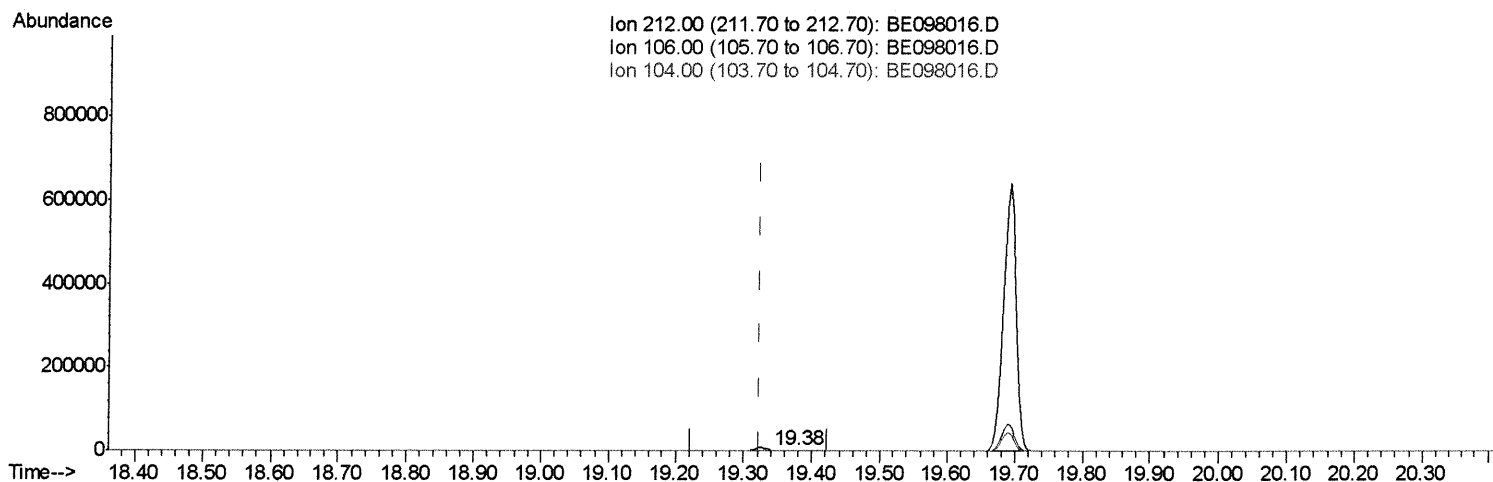
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.377min (+0.054) 0.00ng/ul

response 134

Ion	Exp%	Act%
212.00	100	100
106.00	10.20	144.78#
104.00	5.80	20.15#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

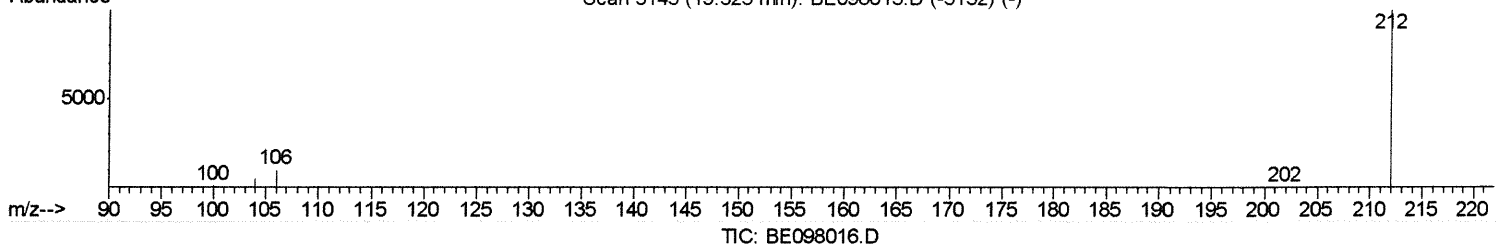
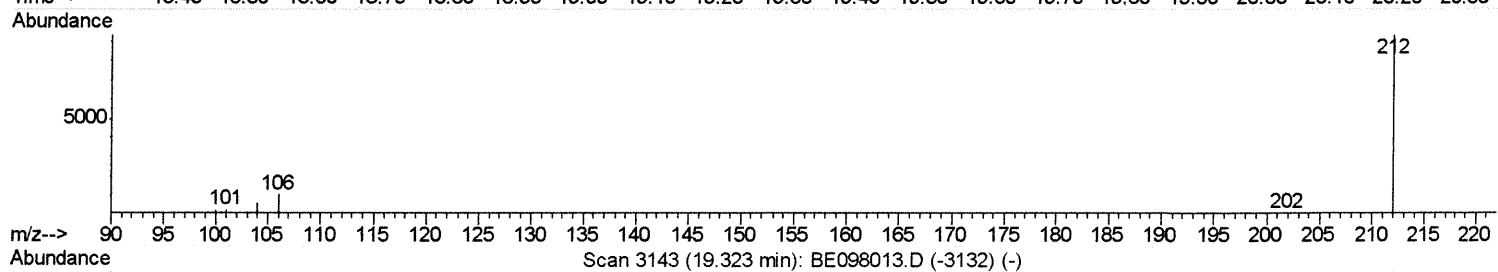
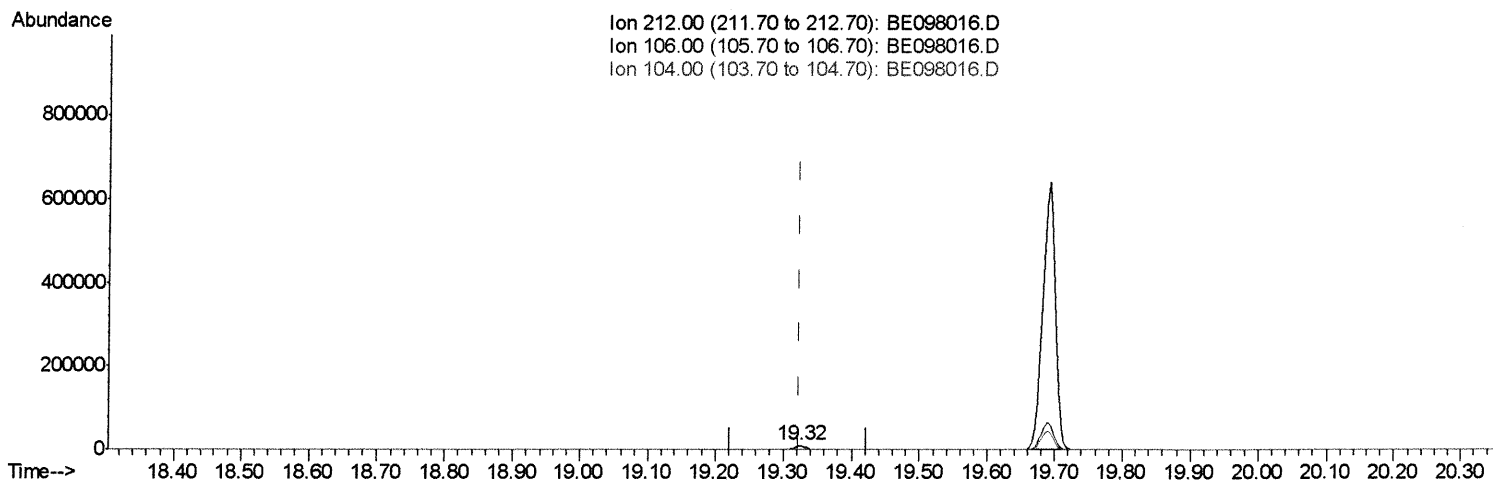
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.324min (+0.000) 0.28ng/ul m

SJ 10/24/18

response 11982

Ion	Exp%	Act%
212.00	100	100
106.00	10.20	1.62#
104.00	5.80	0.23#
0.00	0.00	0.00

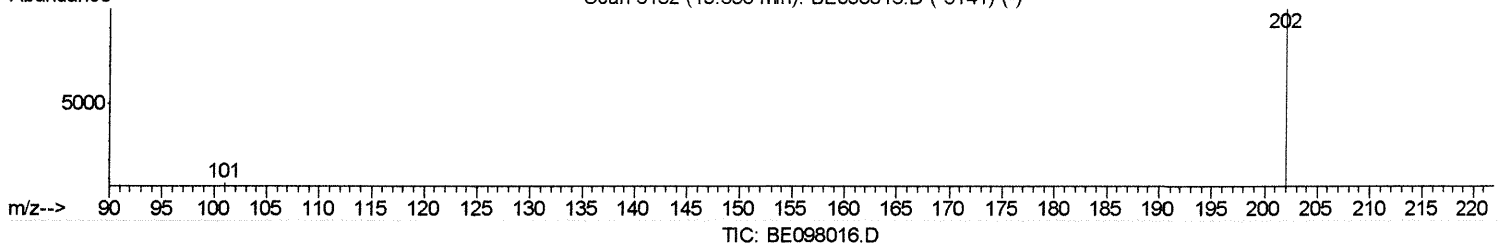
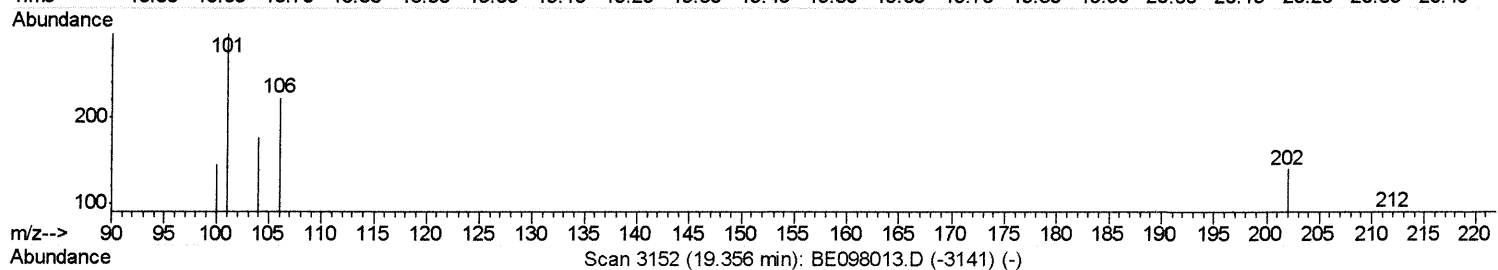
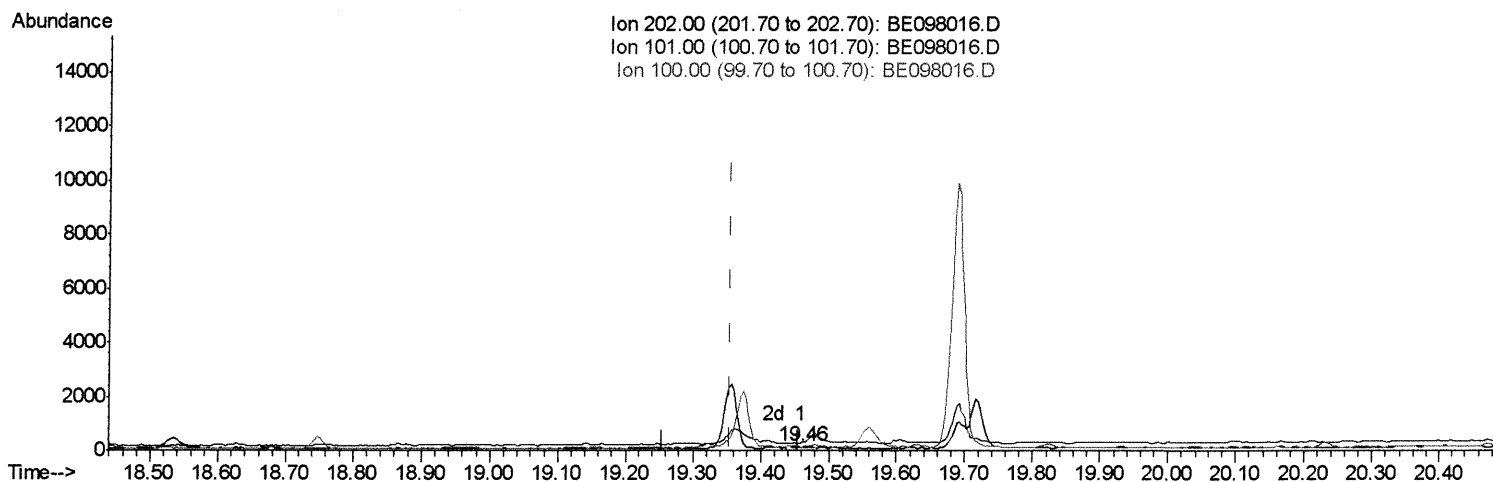
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (Qedit)
 Data File : BE098016.D
 Acq On : 22 Oct 2018 19:20
 Operator : SJ/JU
 Sample : J5567-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 02:34:53 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.459min (+0.104) 0.00ng/ul

response 63

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	213.67#
100.00	7.50	104.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

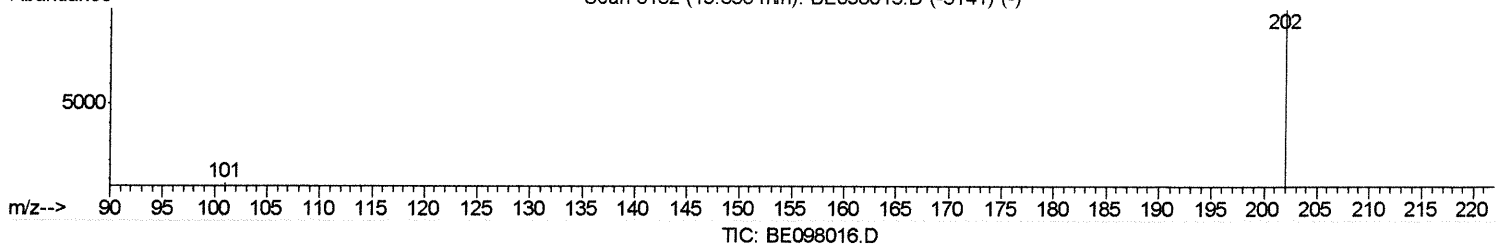
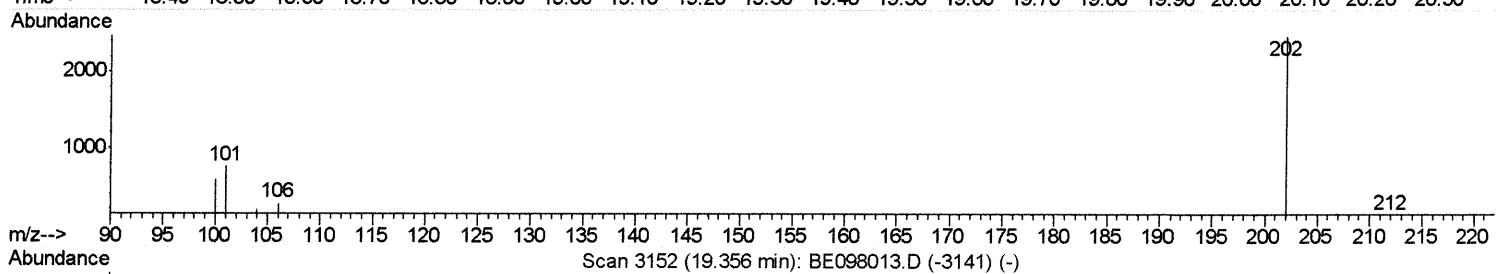
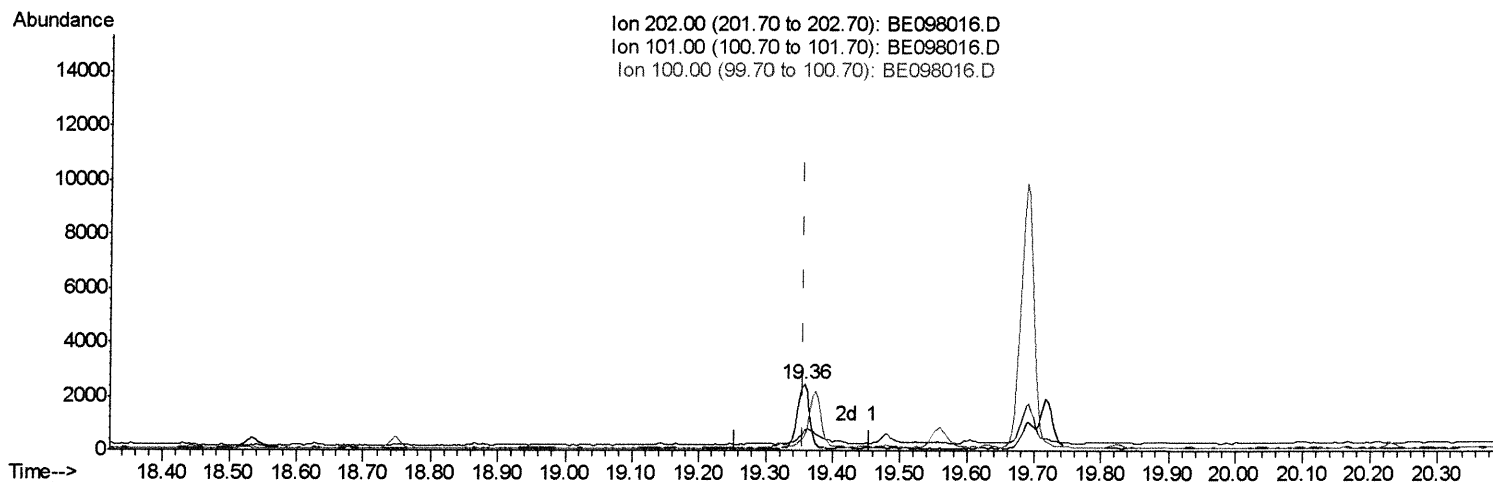
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.356min (+0.000) 0.08ng/ul m

SJ 10/24/18

response 3109

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	30.71#
100.00	7.50	23.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

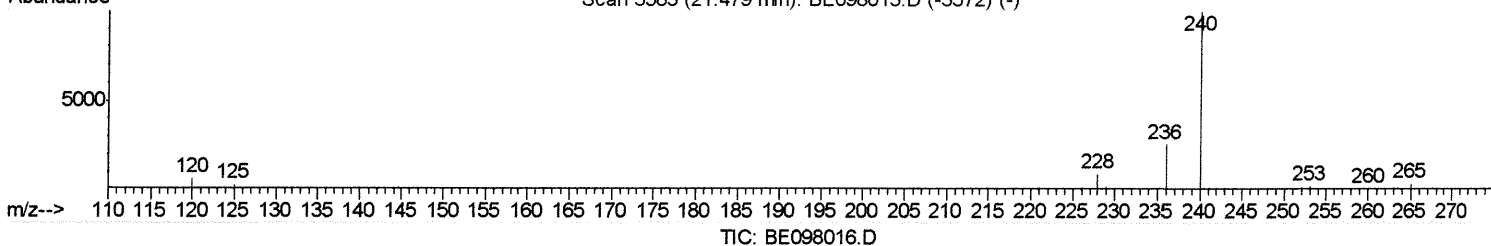
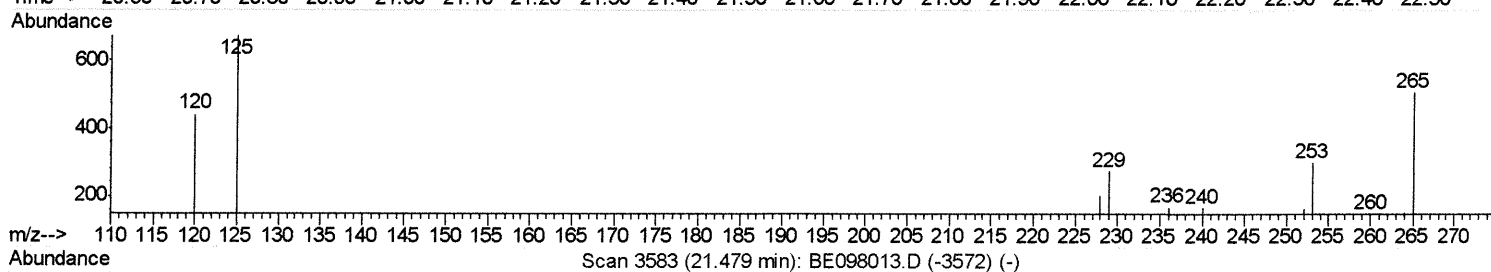
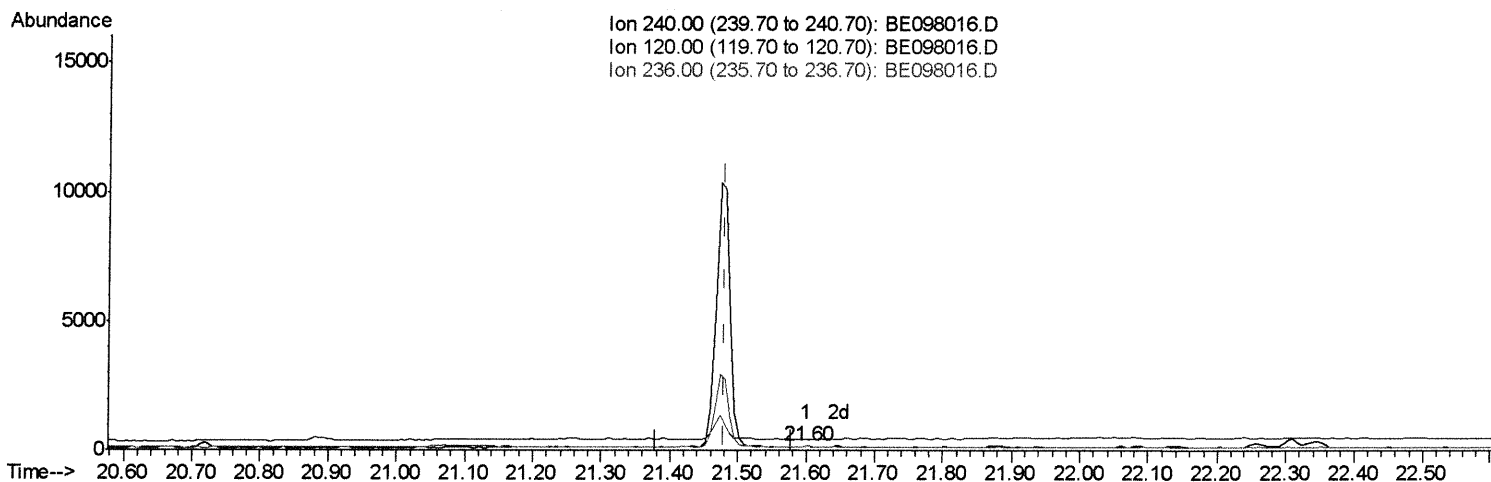
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.599min (+0.120) 0.40ng/ul

response 24

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	266.06#
236.00	27.00	101.21#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

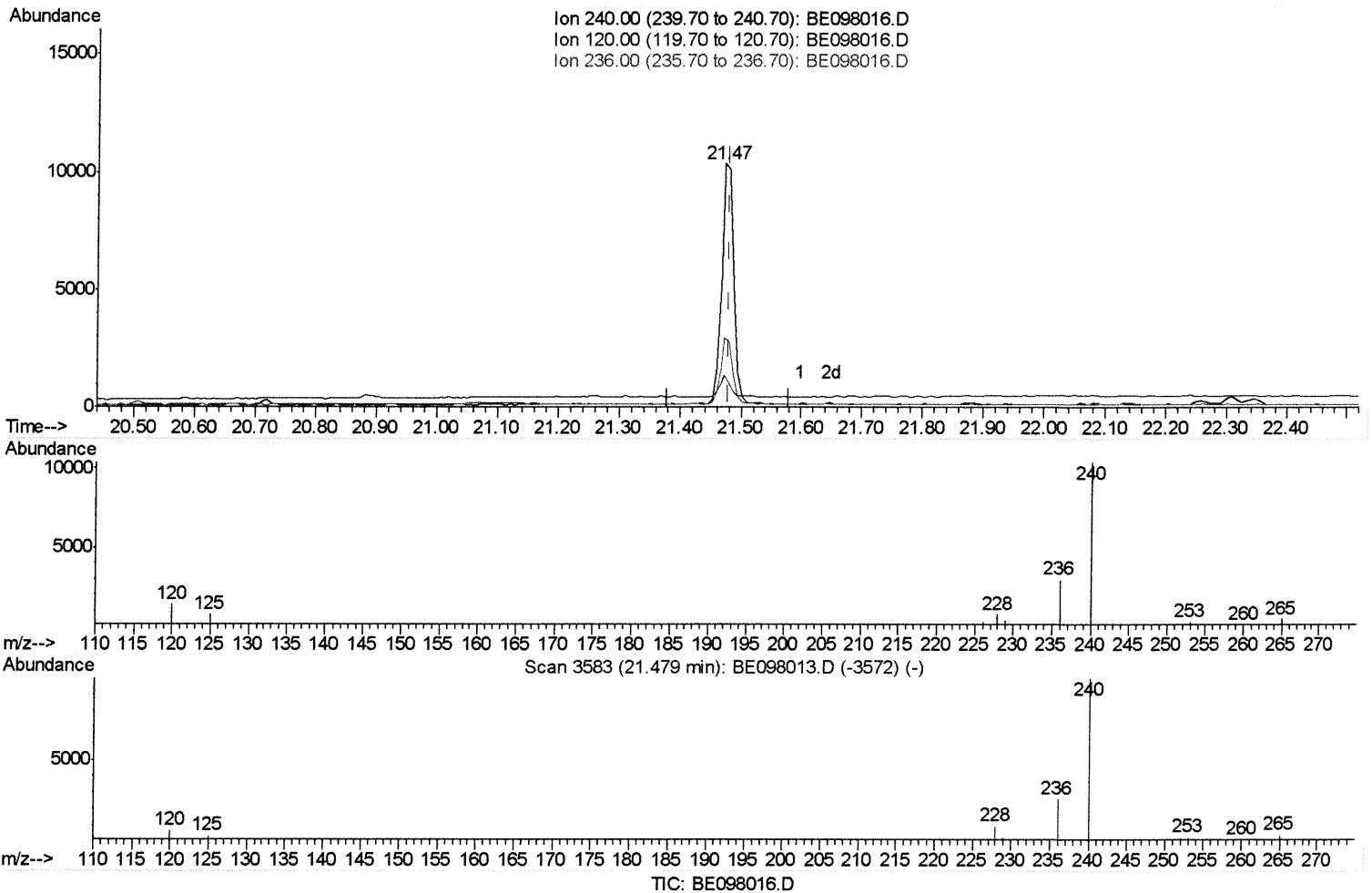
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:50:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.473min (-0.007) 0.40ng/ul m *SJ 10/24/18*

response 14302

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	13.33#
236.00	27.00	28.67
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

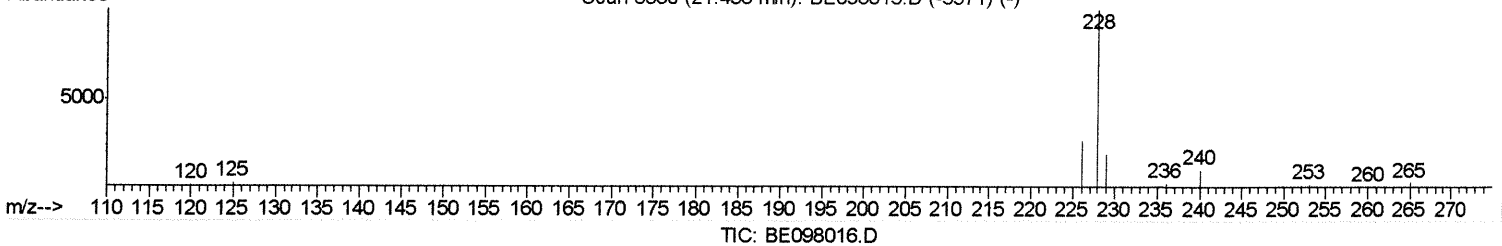
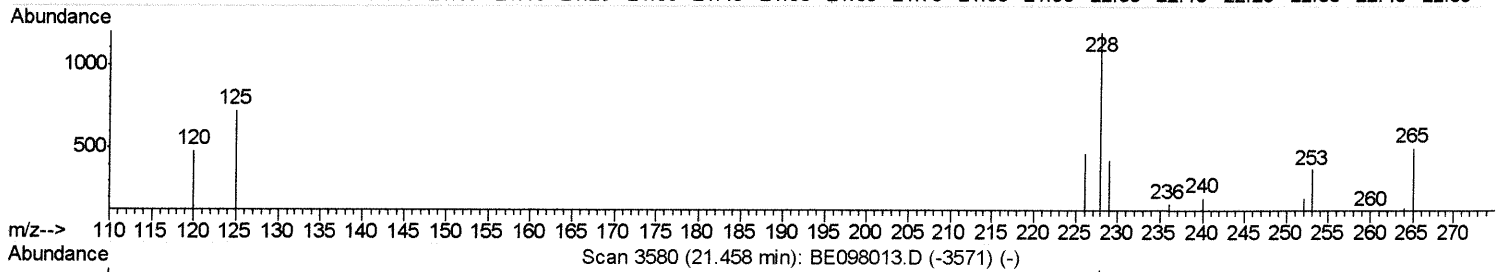
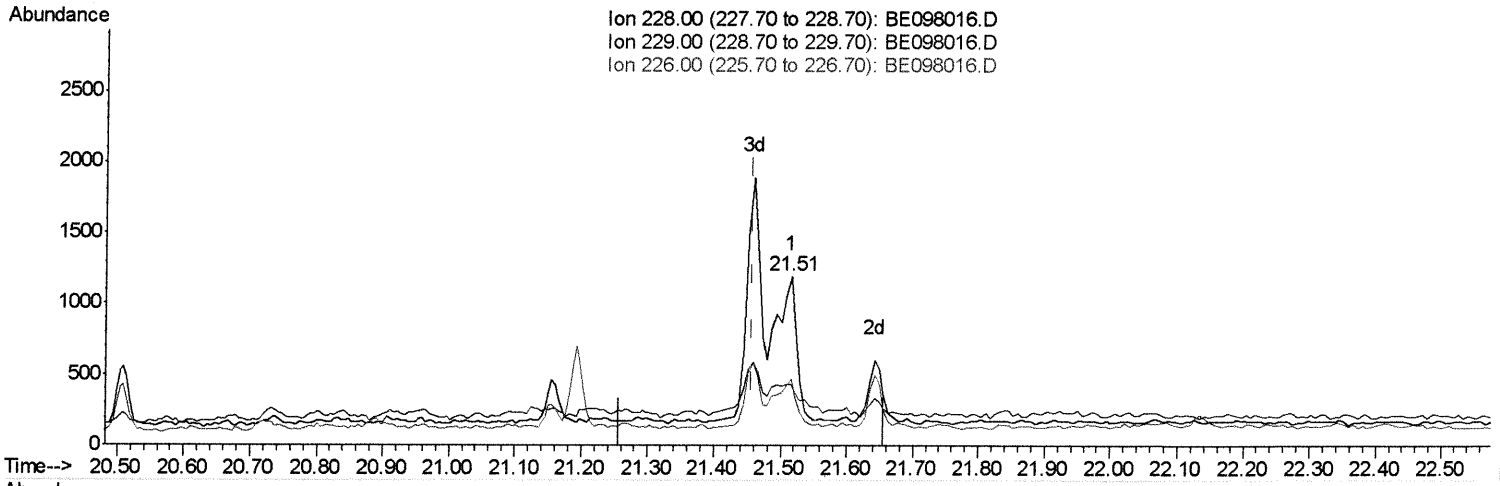
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene
21.515min (+0.057) 0.05ng/ul
response 2167

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	35.90#
226.00	26.90	39.25#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

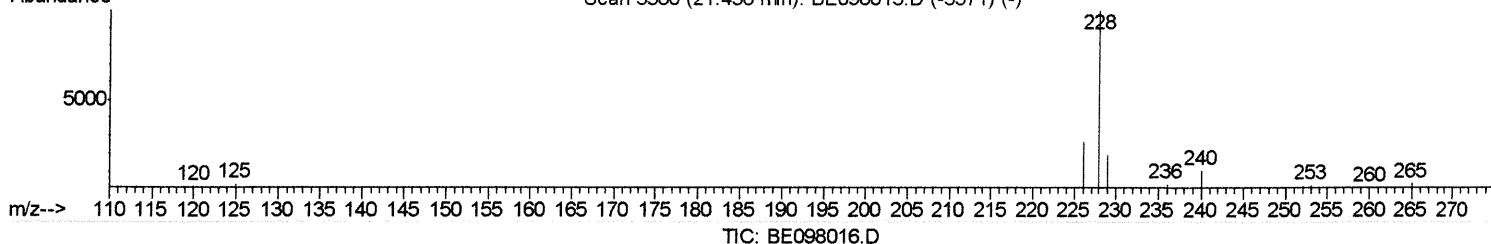
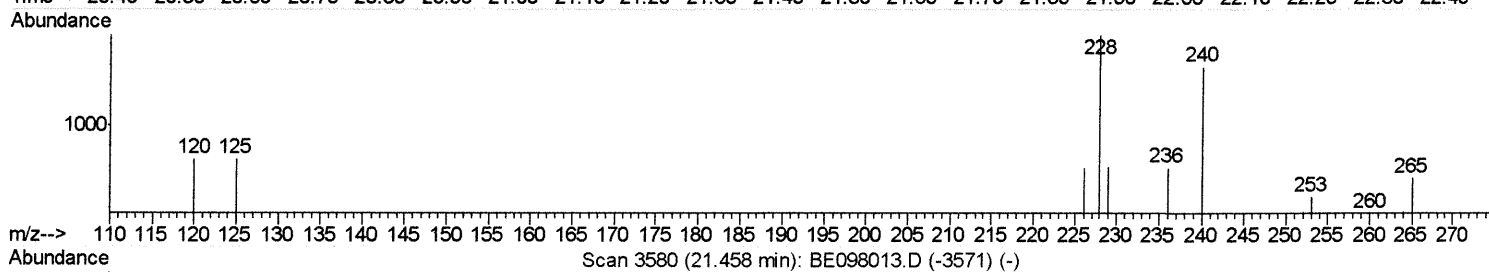
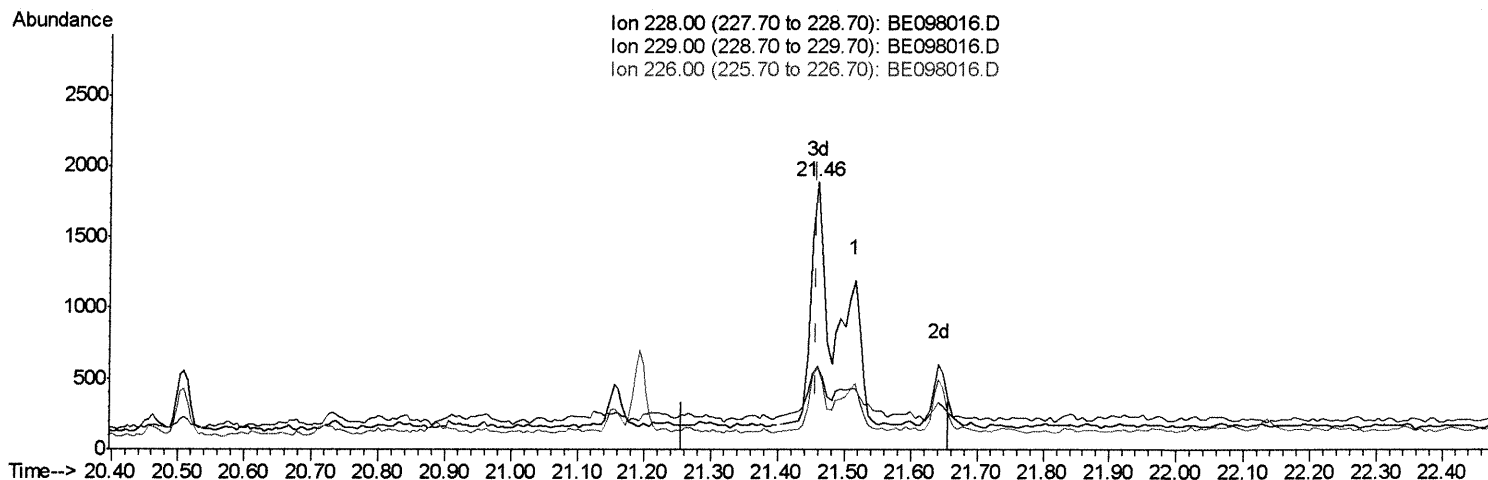
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.459min (+0.000) 0.09ng/ul m

SJ 10/24/18

response 3560

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	31.51#
226.00	26.90	30.88
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

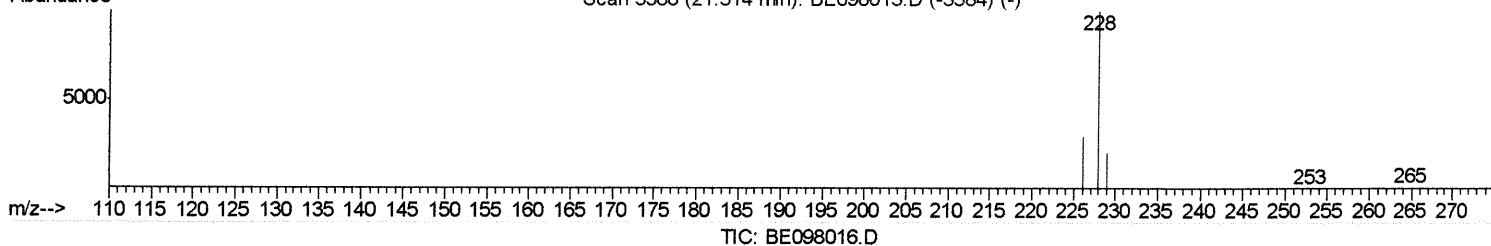
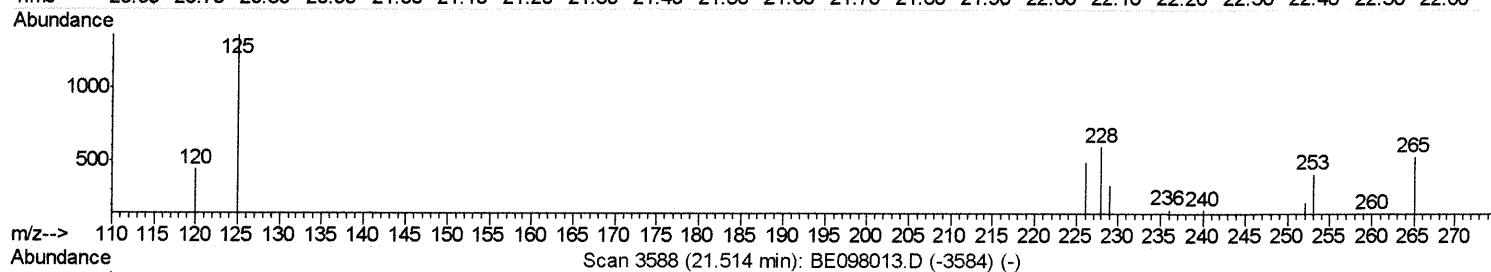
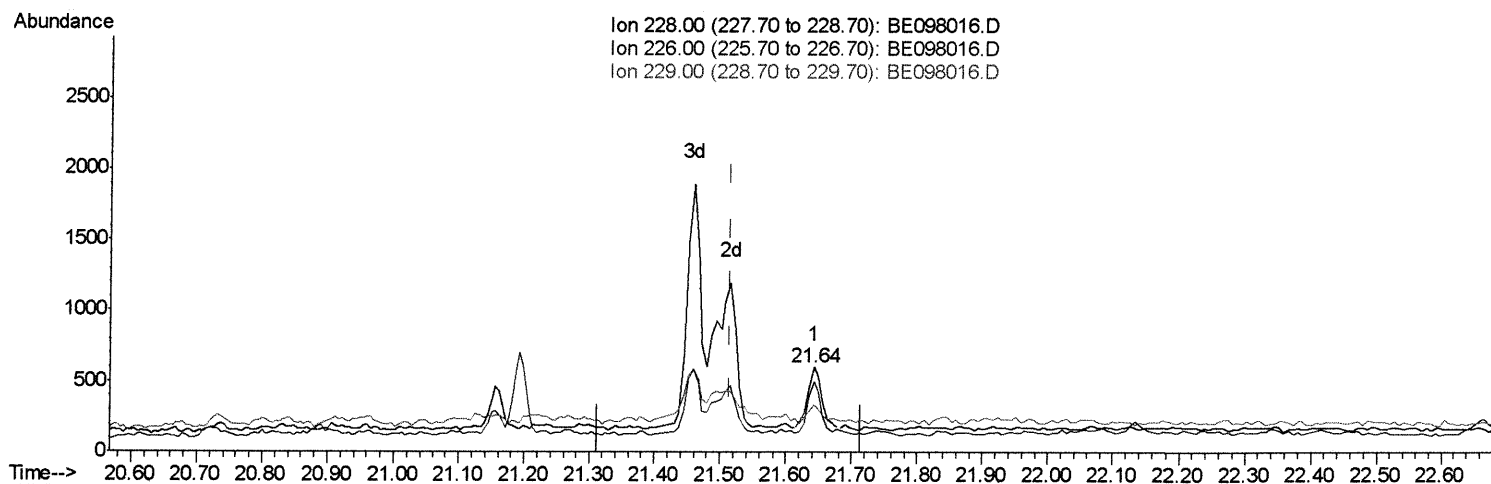
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(19) Chrysene

21.641min (+0.127) 0.02ng/ul

response 643

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	82.50#
229.00	19.40	55.50#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

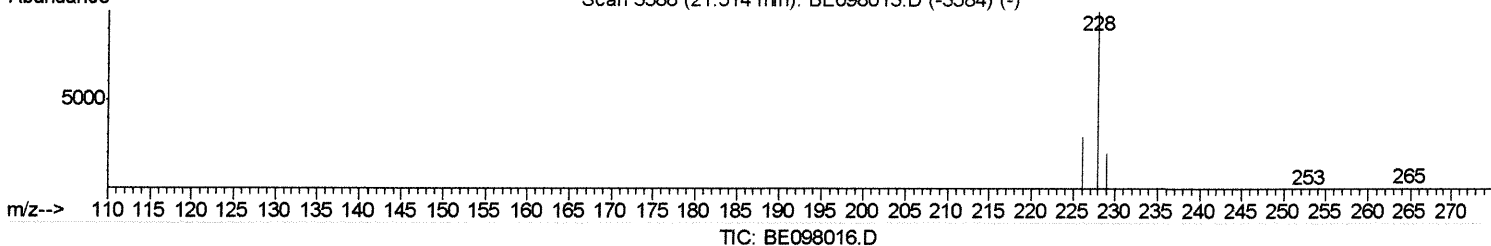
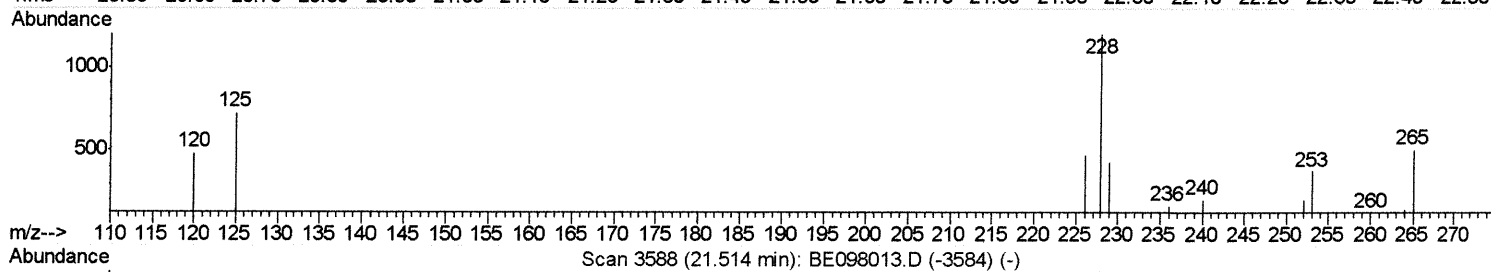
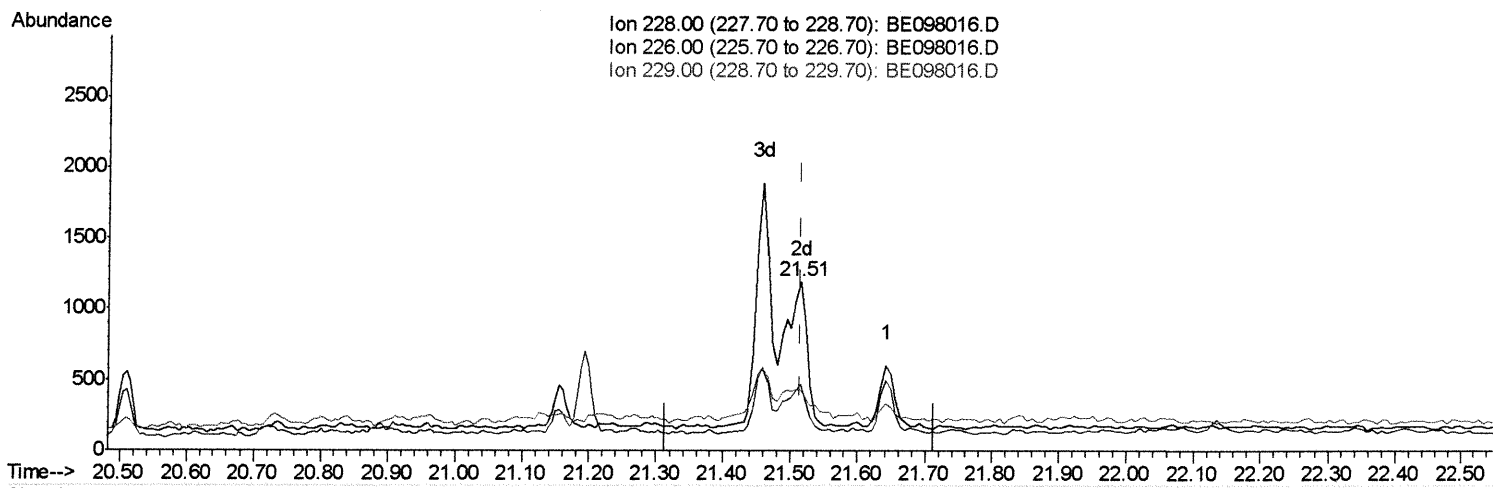
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(19) Chrysene

21.515min (+0.000) 0.06ng/ul m

SJ 10/24/18

response 2278

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	39.25#
229.00	19.40	35.90#
0.00	0.00	0.00

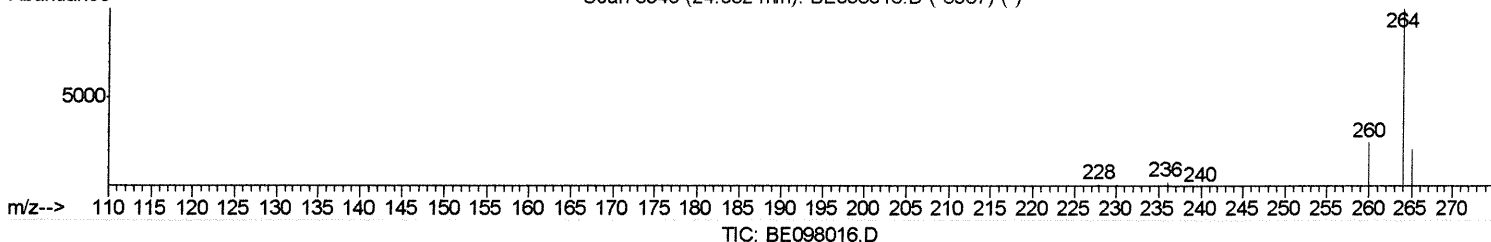
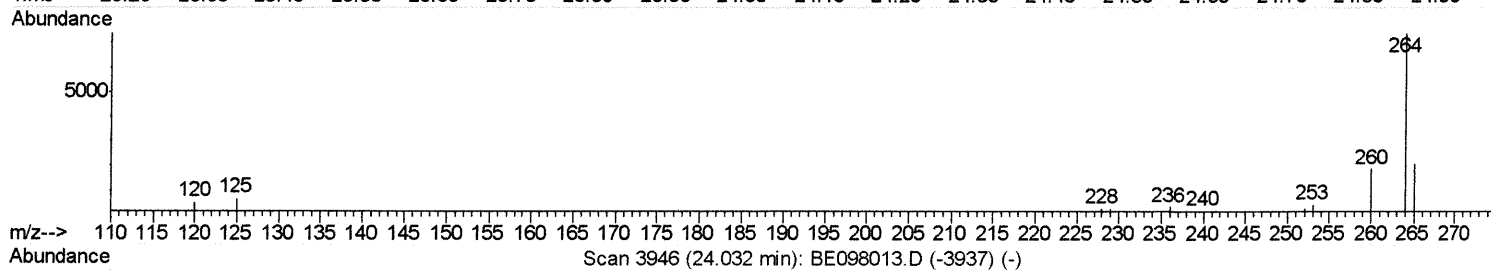
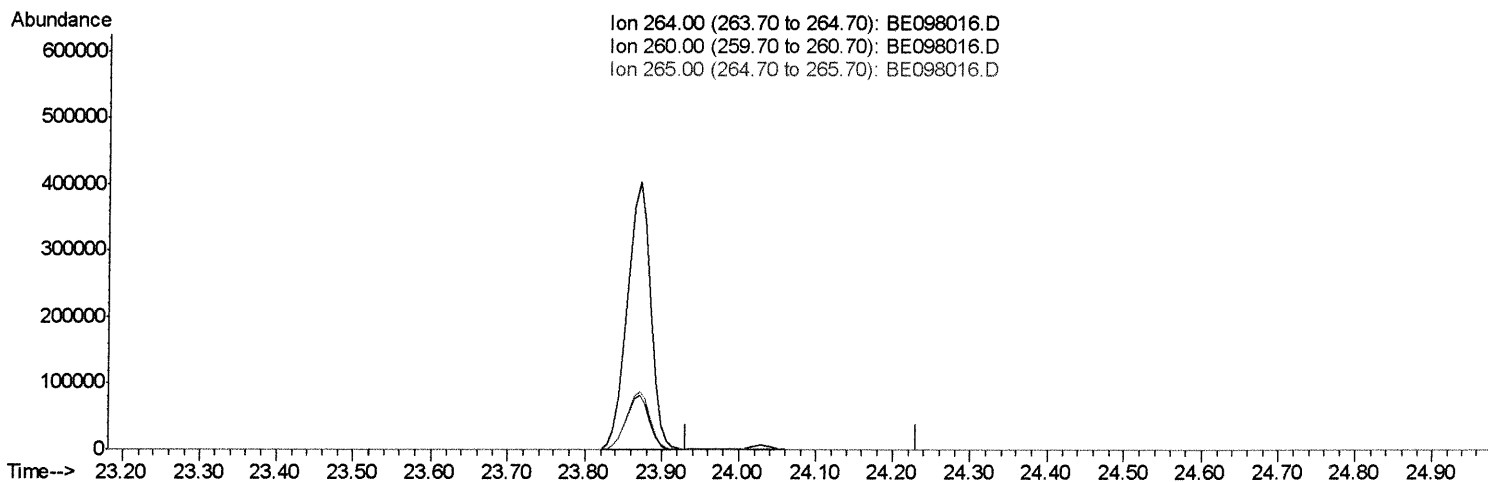
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (Qedit)
 Data File : BE098016.D
 Acq On : 22 Oct 2018 19:20
 Operator : SJ/JU
 Sample : J5567-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 02:34:53 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.032min (-24.032) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.40	0.00#
265.00	26.90	0.00#
0.00	0.00	0.00

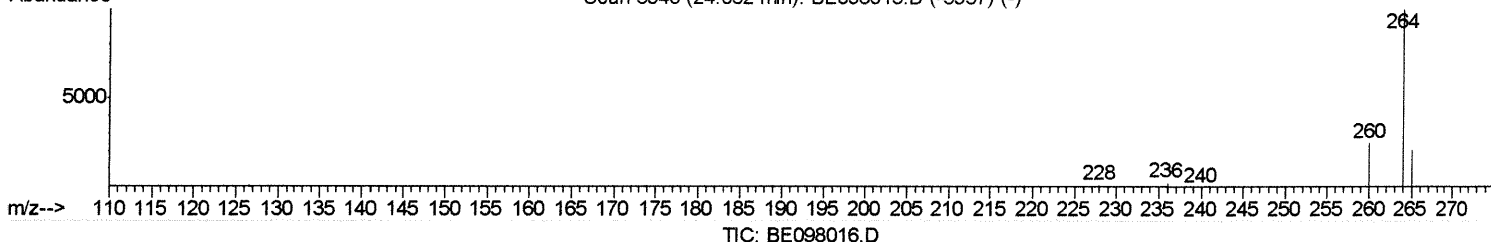
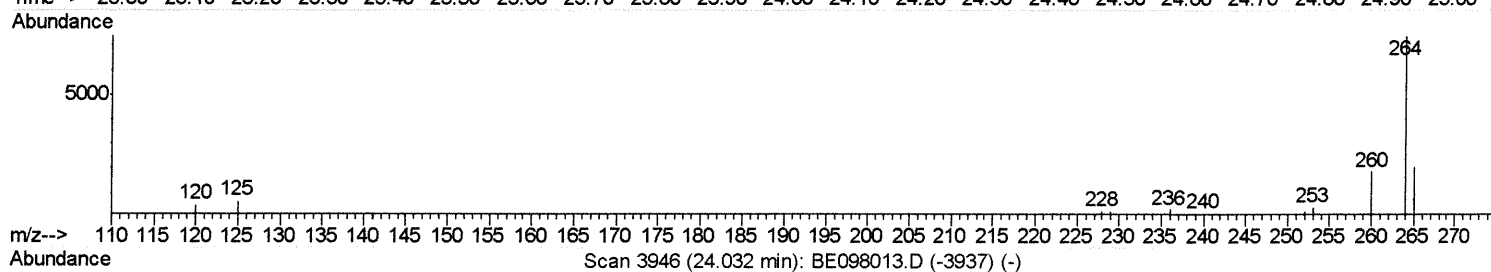
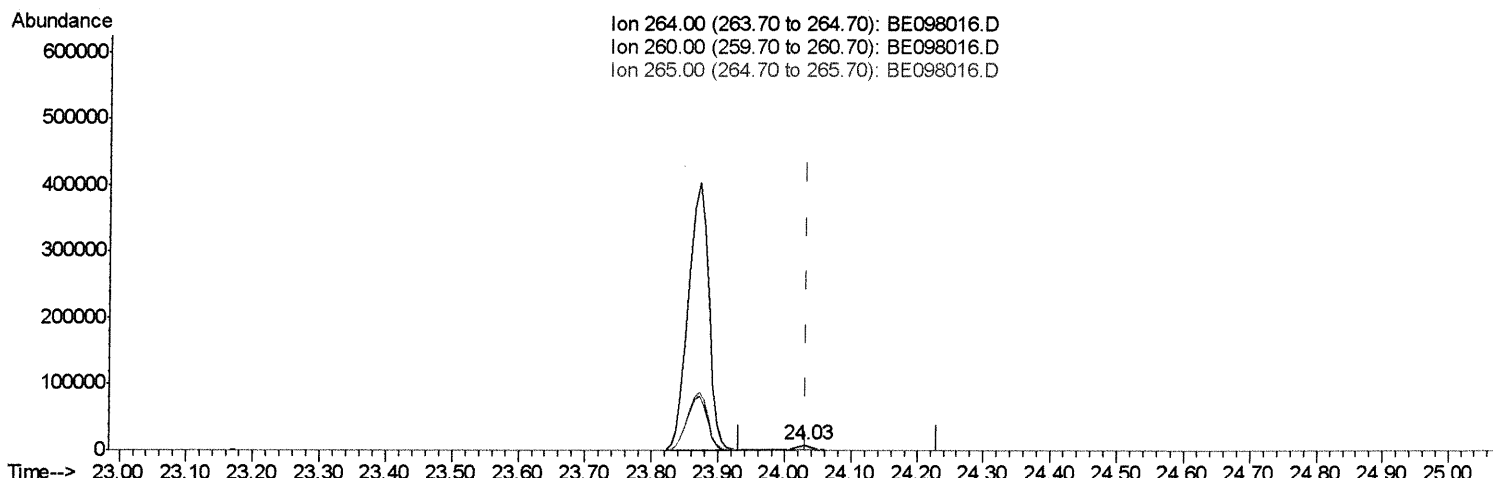
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (Qedit)
 Data File : BE098016.D
 Acq On : 22 Oct 2018 19:20
 Operator : SJ/JU
 Sample : J5567-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:54:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 02:34:53 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.032min (+0.000) 0.40ng/ul m

SJ 10/24/18

response 13241

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	25.32
265.00	26.90	27.98
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

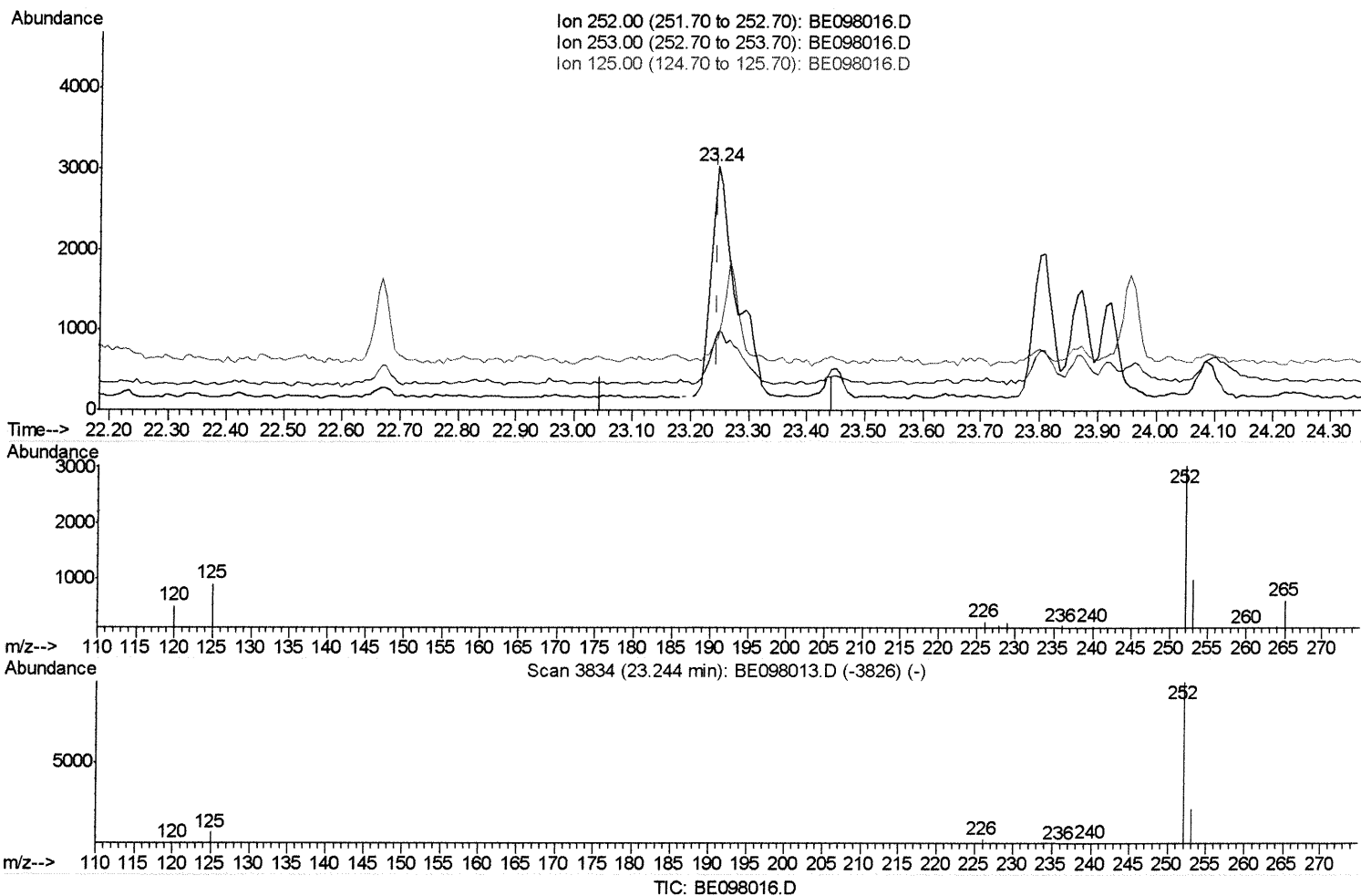
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:55:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.245min (+0.000) 0.25ng/ul

response 8619

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	32.46
125.00	9.10	29.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

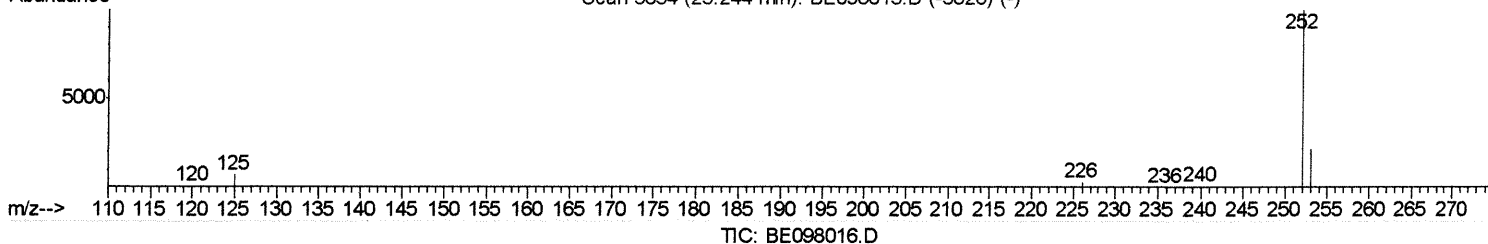
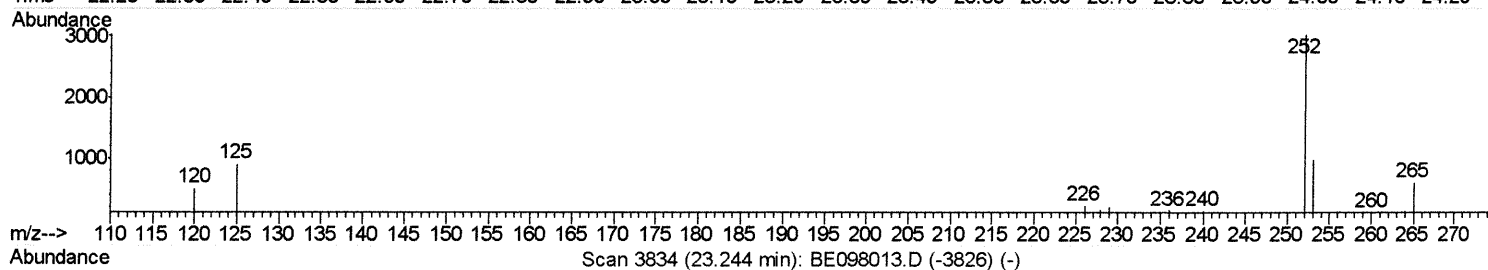
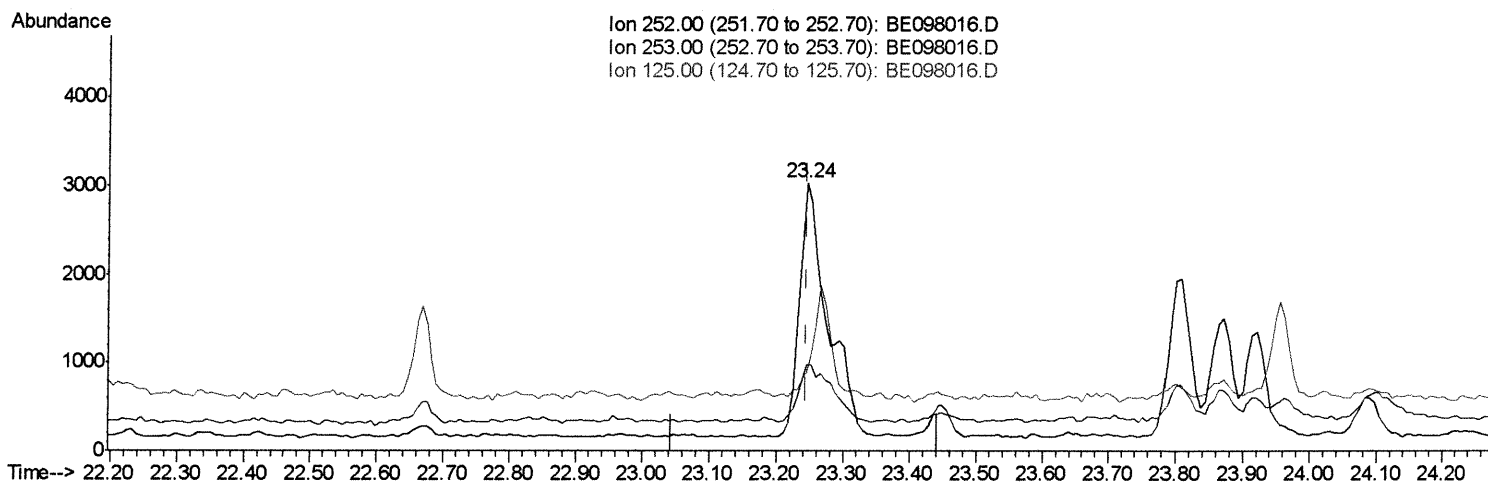
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:55:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.245min (+0.000) 0.20ng/ul m

SJ 10/24/18

response 6805

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	32.46
125.00	9.10	29.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

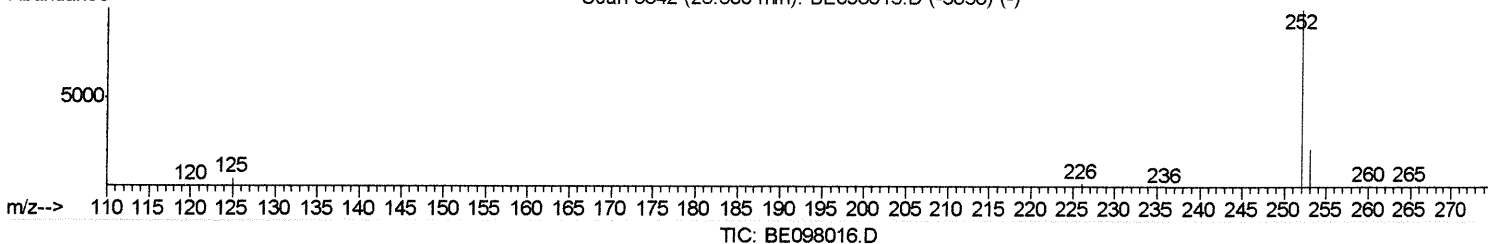
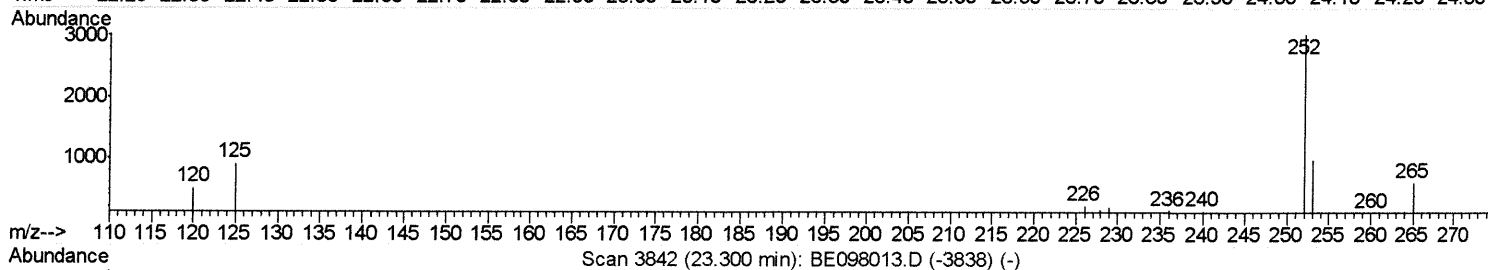
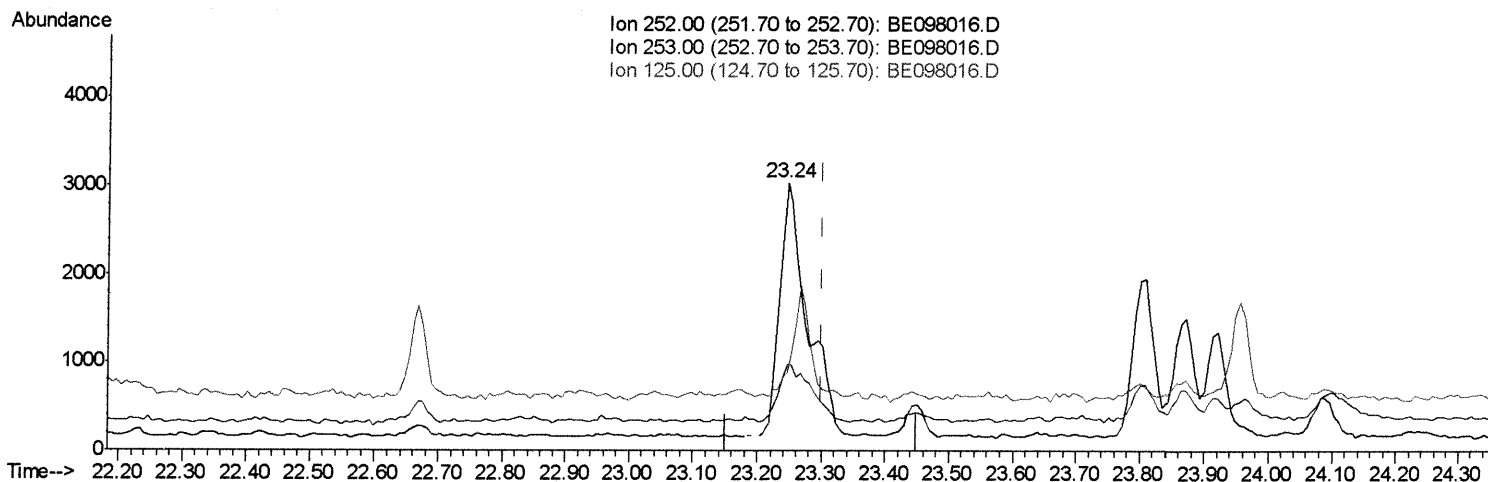
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:55:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.245min (-0.056) 0.22ng/ul

response 8619

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	32.46#
125.00	11.70	29.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

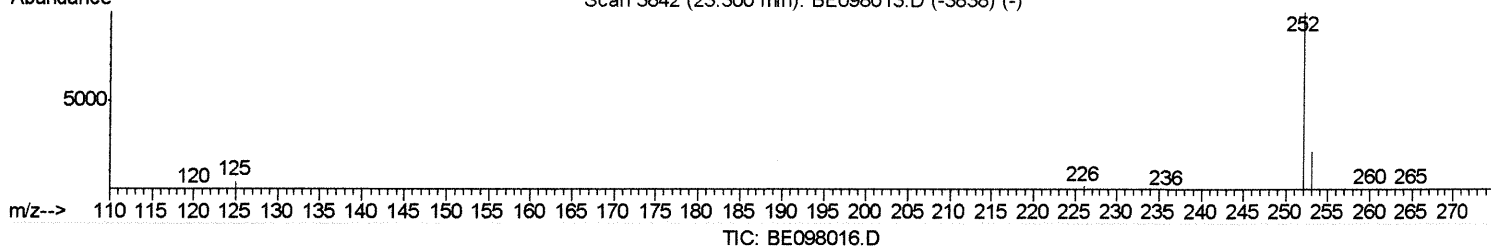
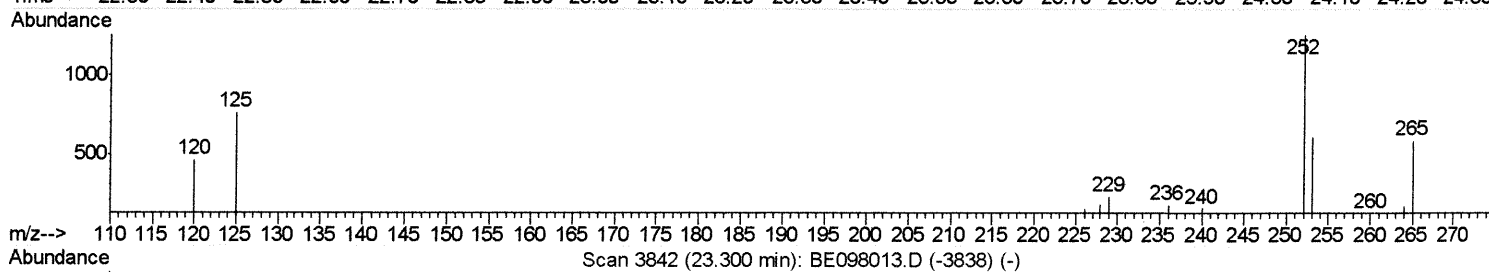
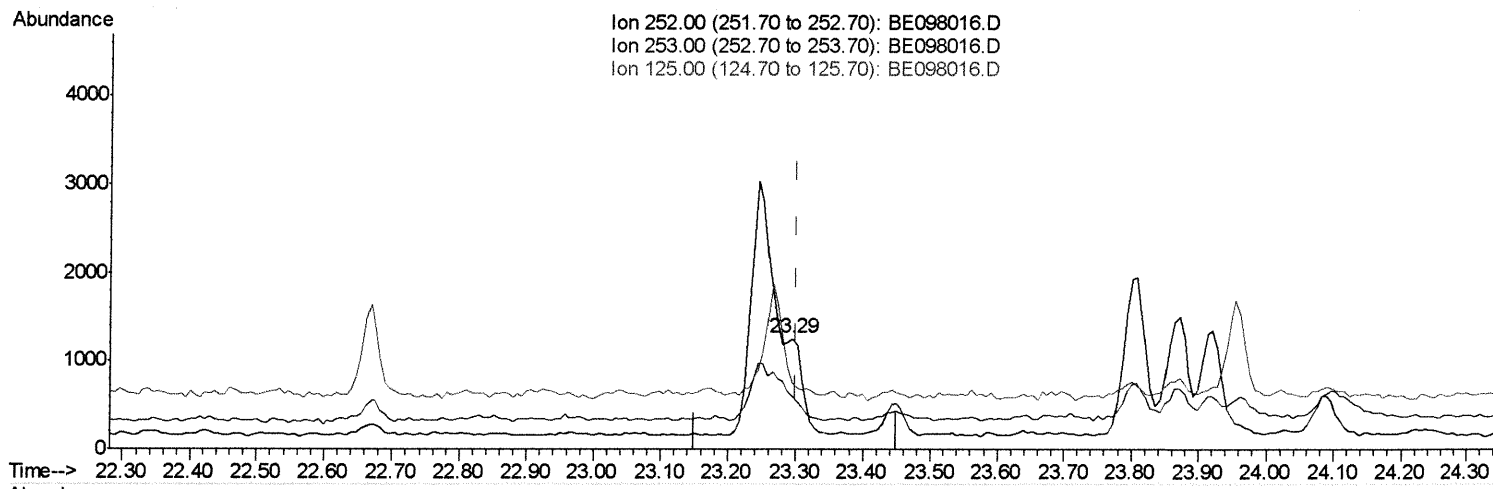
Data File : BE098016.D
Acq On : 22 Oct 2018 19:20
Operator : SJ/JU
Sample : J5567-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ3

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:55:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.294min (-0.007) 0.05ng/ul m

SJ 10/24/18

response 1899

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	47.97#
125.00	11.70	60.54#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (QT Reviewed)
 Data File : BE098016.D
 Acq On : 22 Oct 2018 19:20
 Operator : SJ/JU
 Sample : J5567-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AJ3

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:33 PM

Quant Time: Oct 23 02:57:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 02:34:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1667	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	7934	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	5721	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	13129m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	14302m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	13241m	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4219	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	11982m	0.28	ng/ul	0.00

Target Compounds				Qvalue		
15) Fluoranthene	19.36	202	3109m	0.075	ng/ul	
17) Pyrene	19.72	202	2304	0.066	ng/ul#	69
18) Benzo(a)anthracene	21.46	228	3560m	0.090	ng/ul	
19) Chrysene	21.51	228	2278m	0.059	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	6805m	0.199	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	1899m	0.049	ng/ul	
23) Benzo(a)pyrene	23.92	252	2554	0.082	ng/ul#	34
24) Indeno(1,2,3-cd)pyrene	26.73	276	785	0.022	ng/ul#	100

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