

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

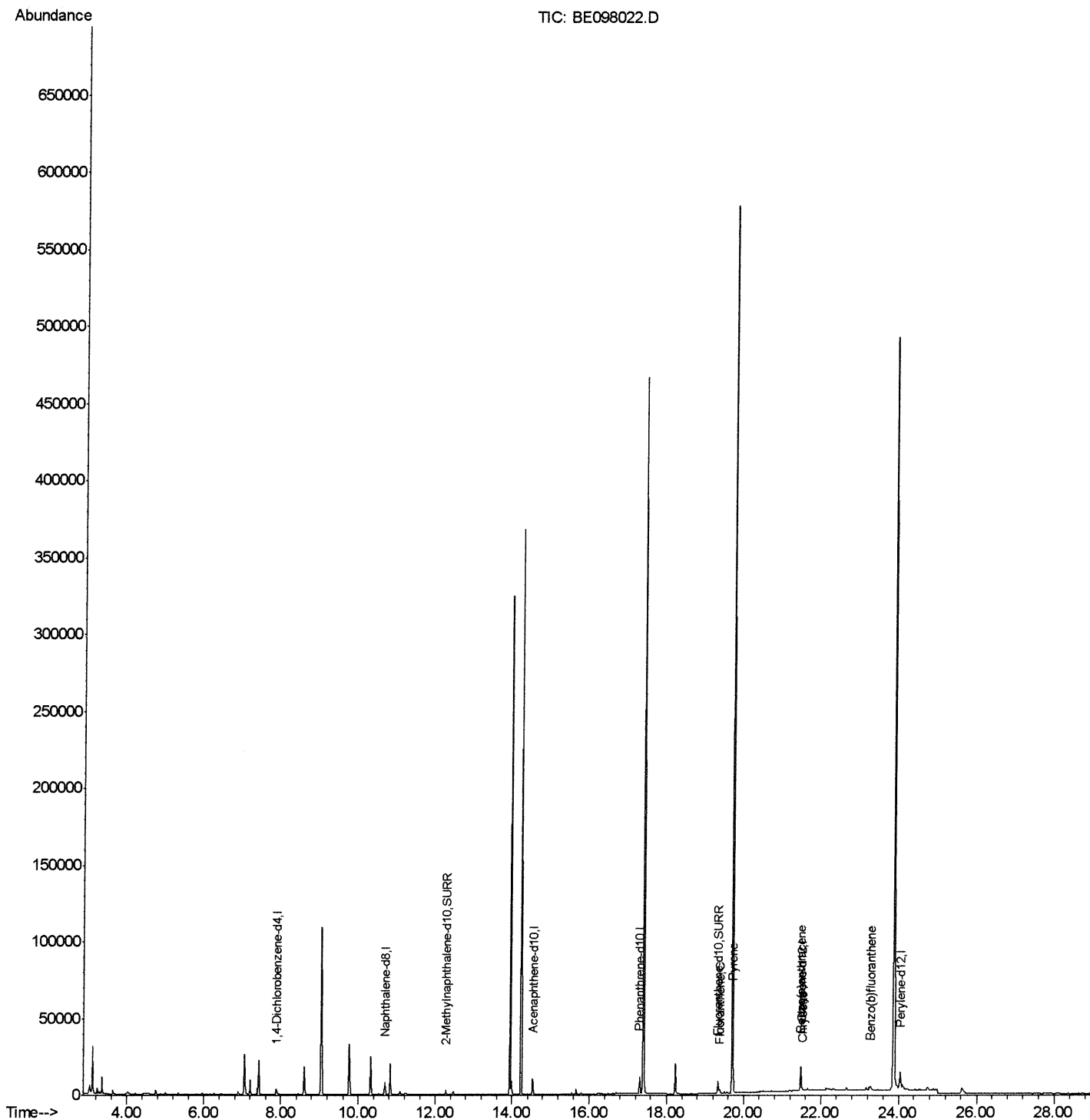
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:57:27 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)

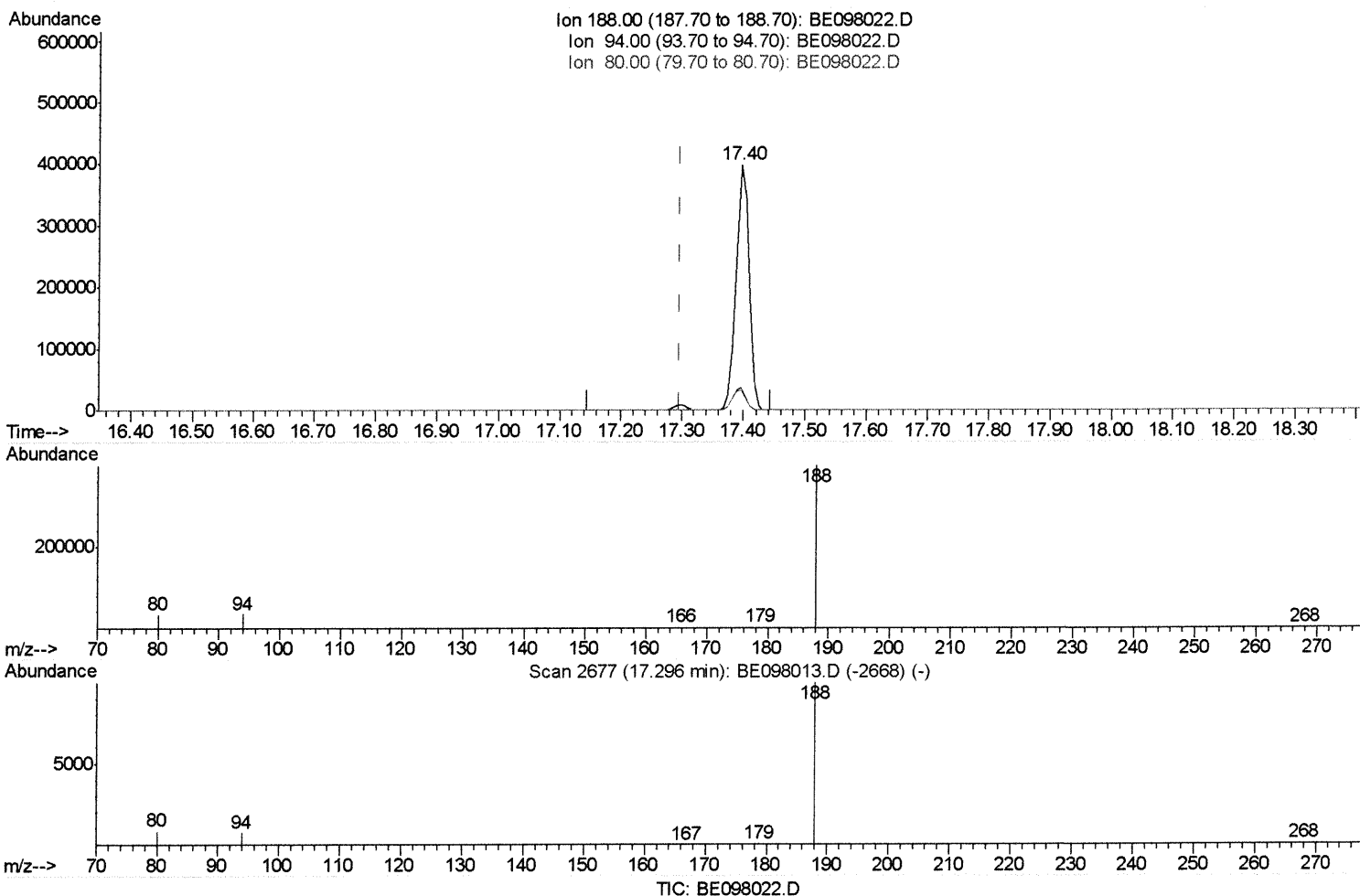
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 02:38:41 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)

17.396min (+0.099) 0.40ng/ul

response 573045

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	8.89
80.00	9.30	8.41
0.00	0.00	0.00

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

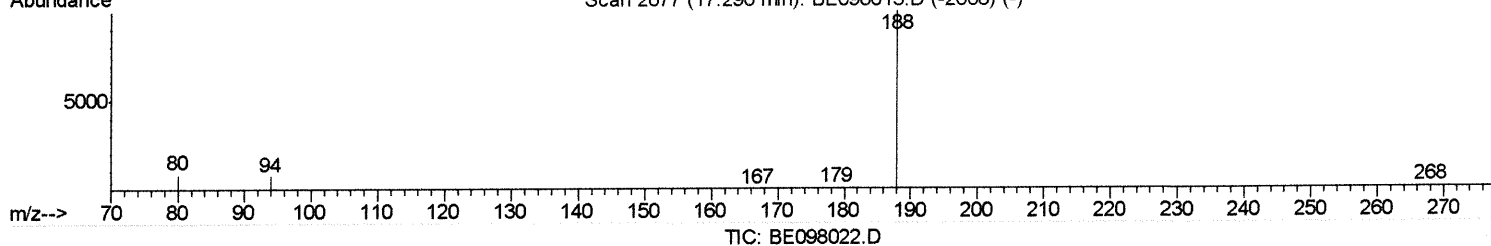
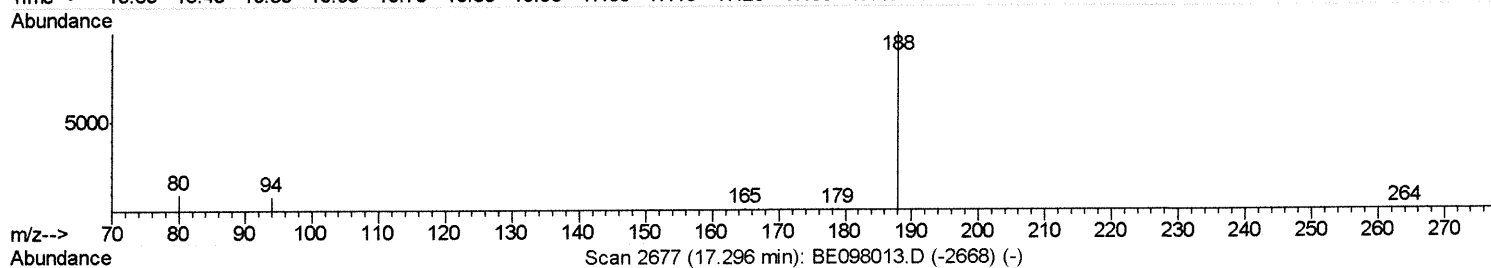
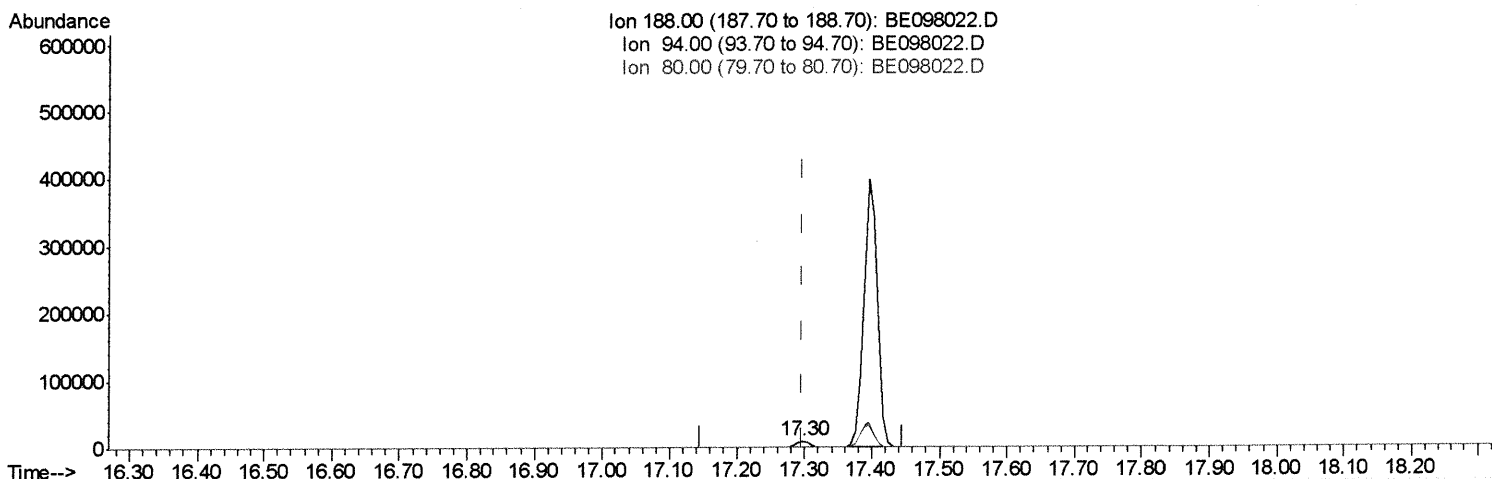
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 02:38:41 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 (+0.001) 0.40ng/ul m

response 13830

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	8.12
80.00	9.30	9.61
0.00	0.00	0.00

SJ 10/24/18

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

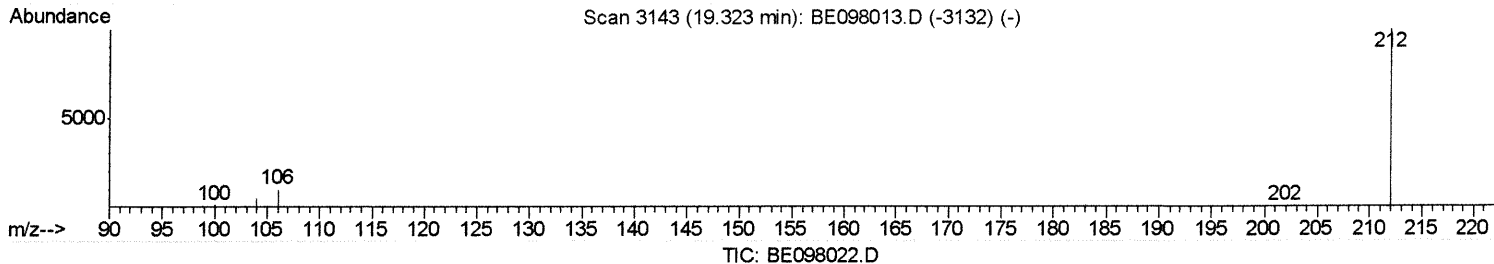
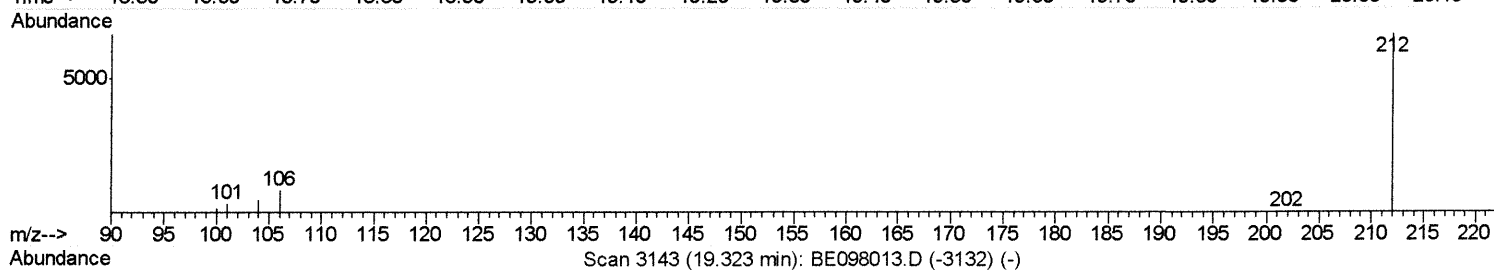
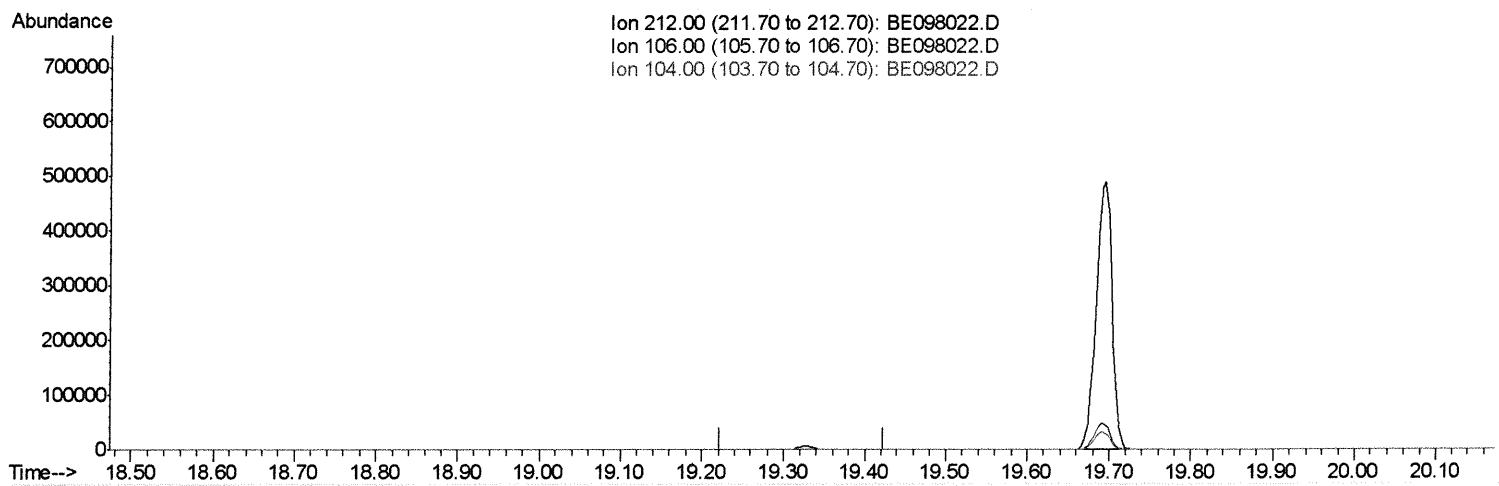
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QIast Update : Tue Oct 23 02:34:53 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.323min (-19.323) 0.00ng/ul

response 0

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

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

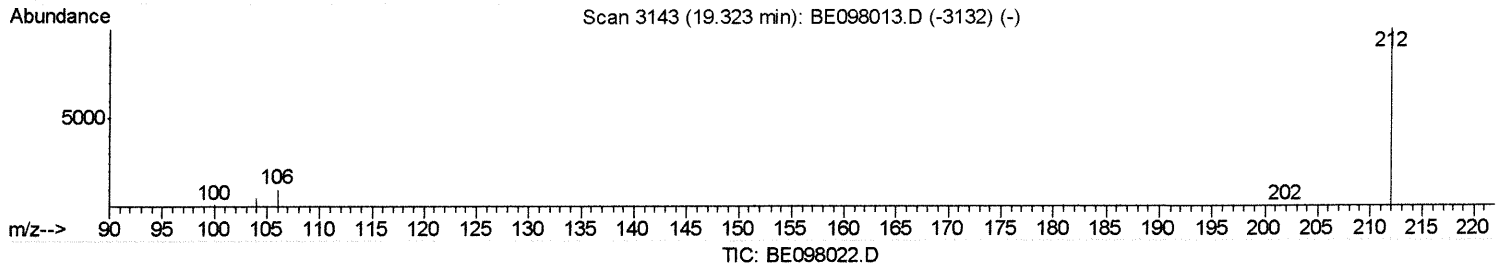
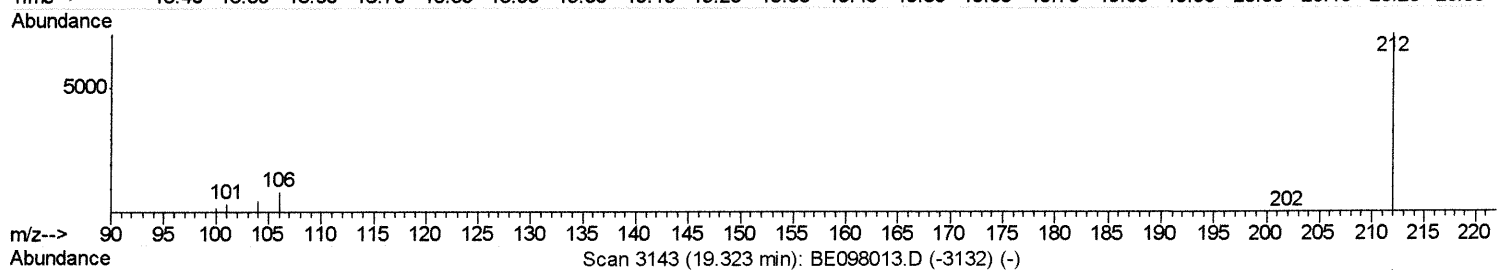
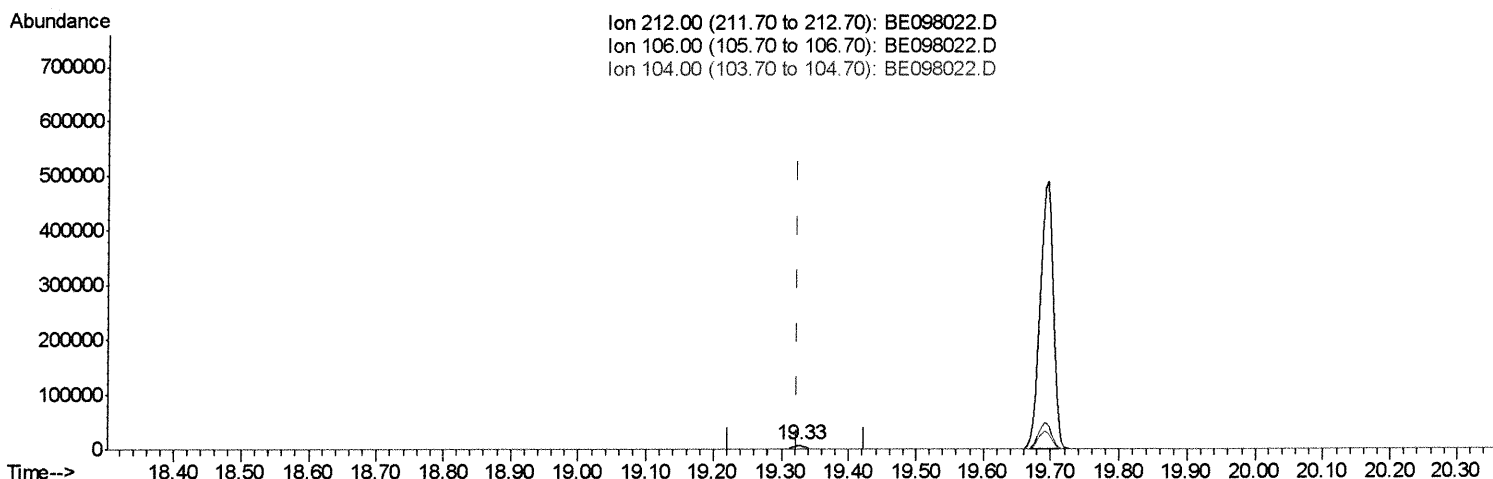
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 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)

19.326min (+0.003) 0.22ng/ul m

response 9695

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

SJ 10/24/18

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

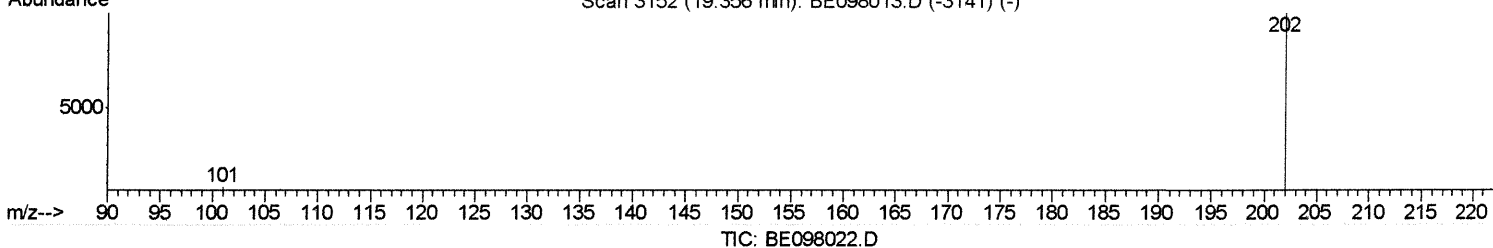
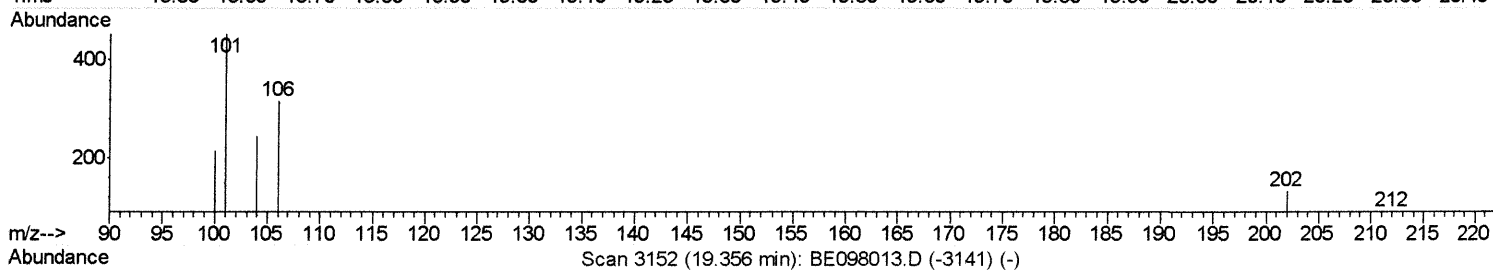
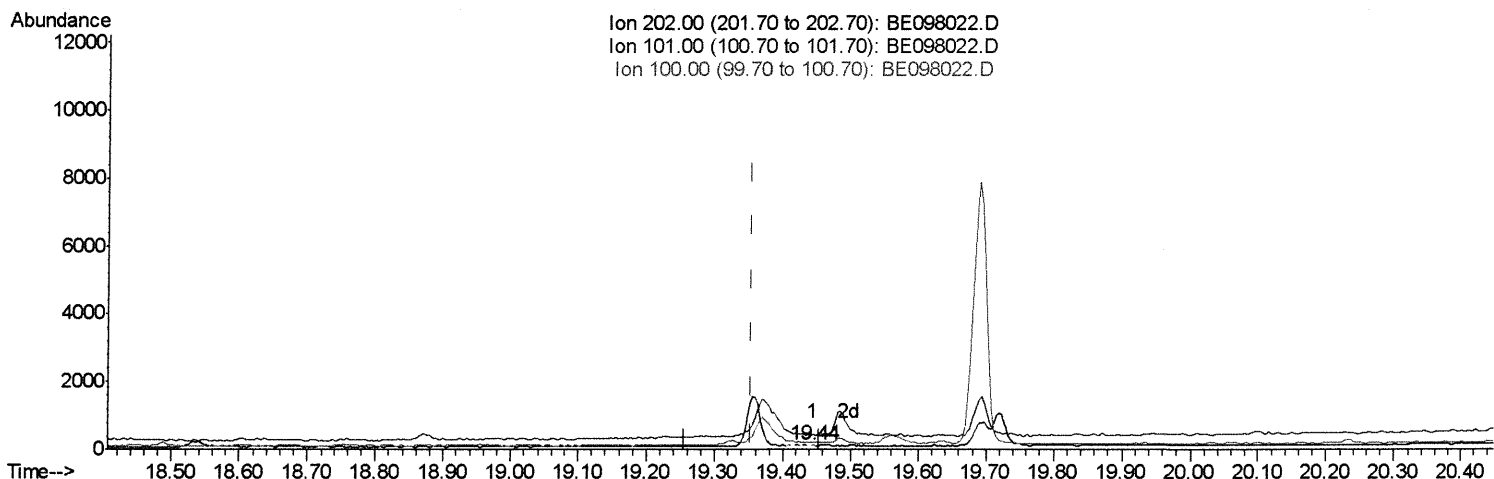
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 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)

19.444min (+0.089) 0.00ng/ul

response 29

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	343.18#
100.00	7.50	162.12#
0.00	0.00	0.00

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

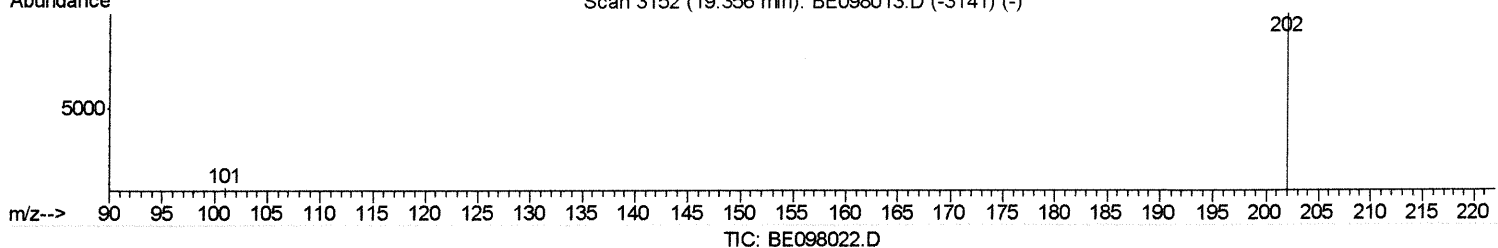
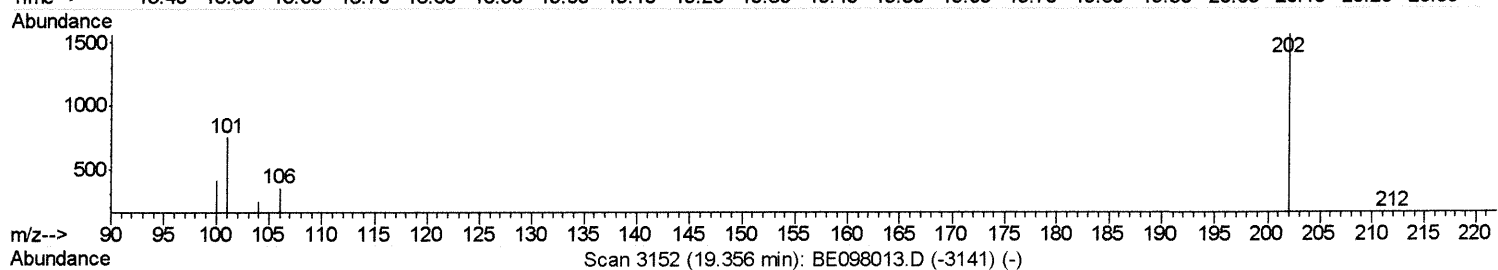
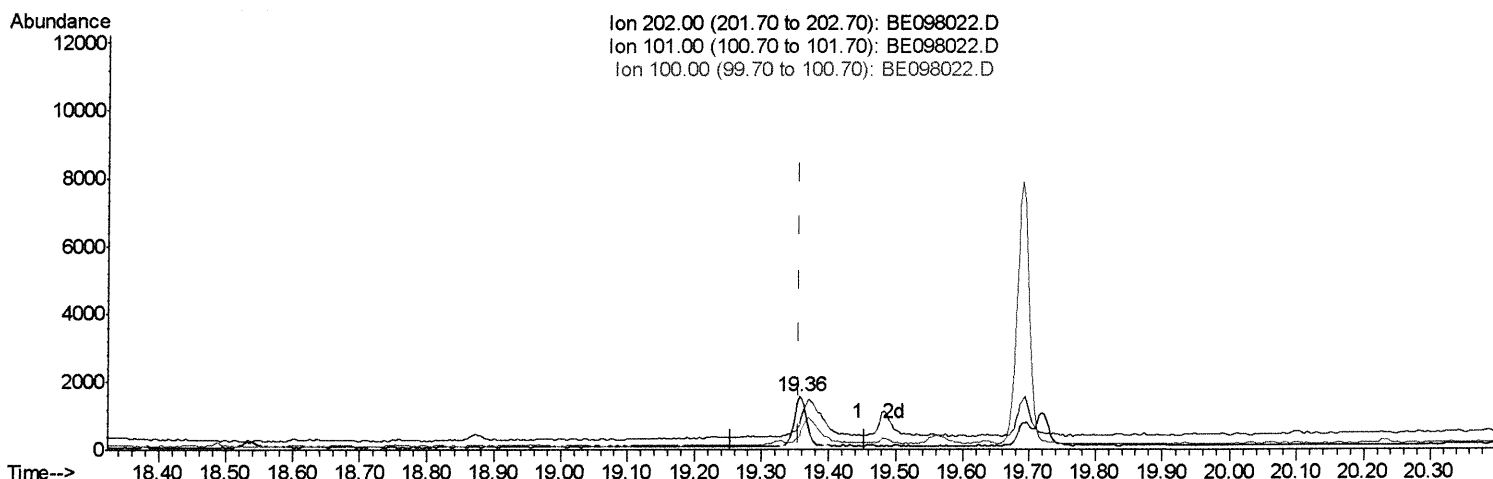
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 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)

19.355min (-0.001) 0.05ng/ul m

SJ 10/24/18

response 2015

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	48.11#
100.00	7.50	26.14
0.00	0.00	0.00

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

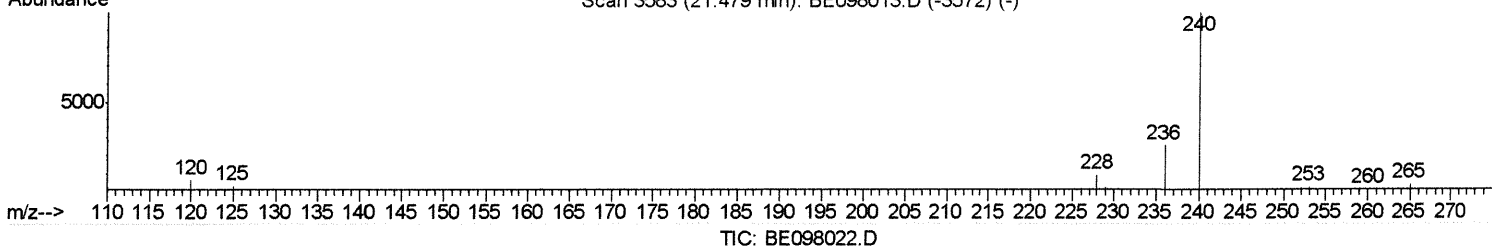
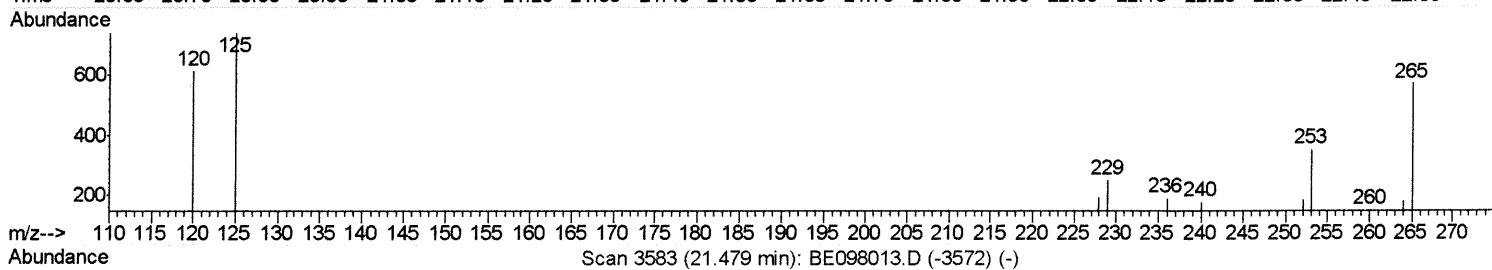
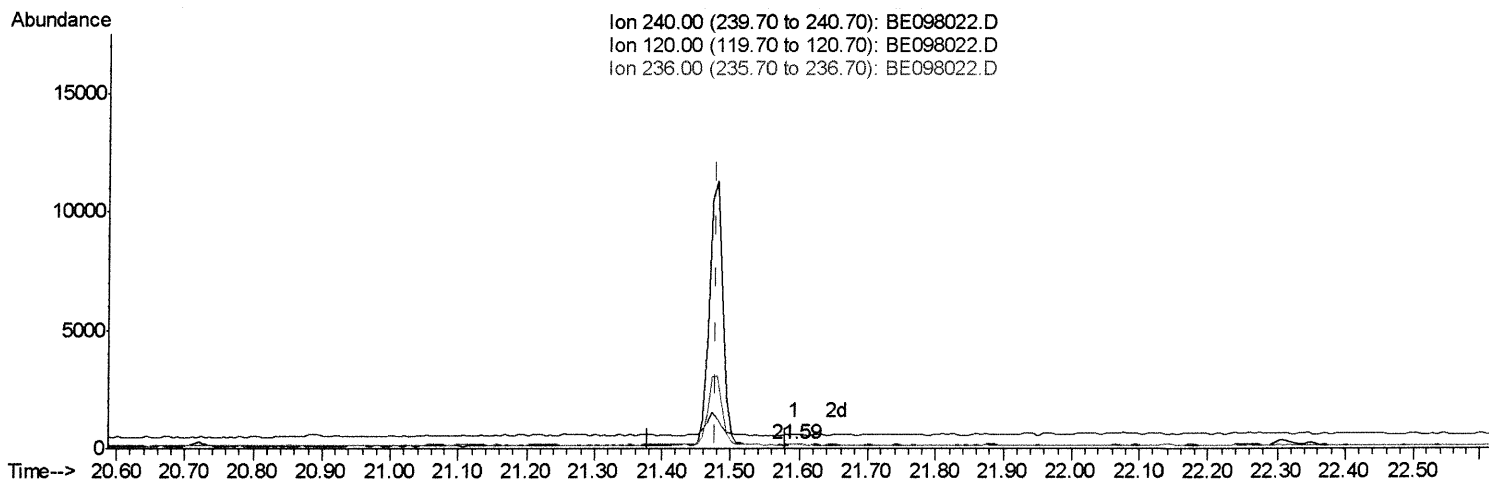
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 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)

21.592min (+0.113) 0.40ng/ul

response 22

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	350.00#
236.00	27.00	106.25#
0.00	0.00	0.00

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

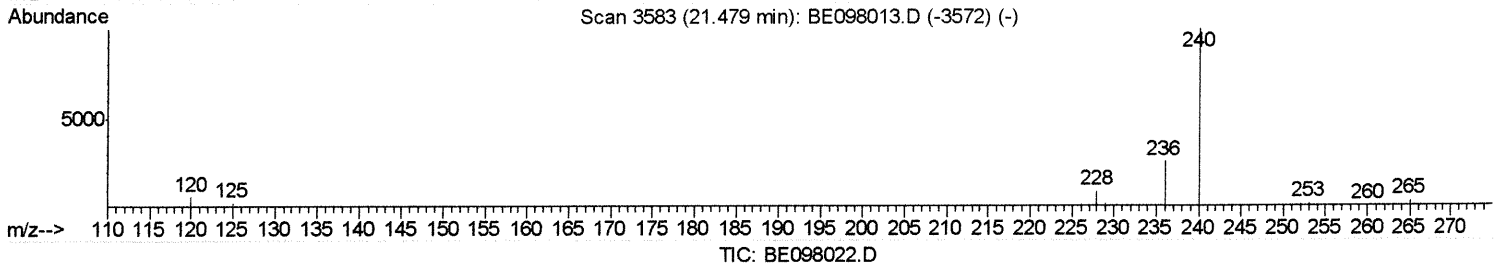
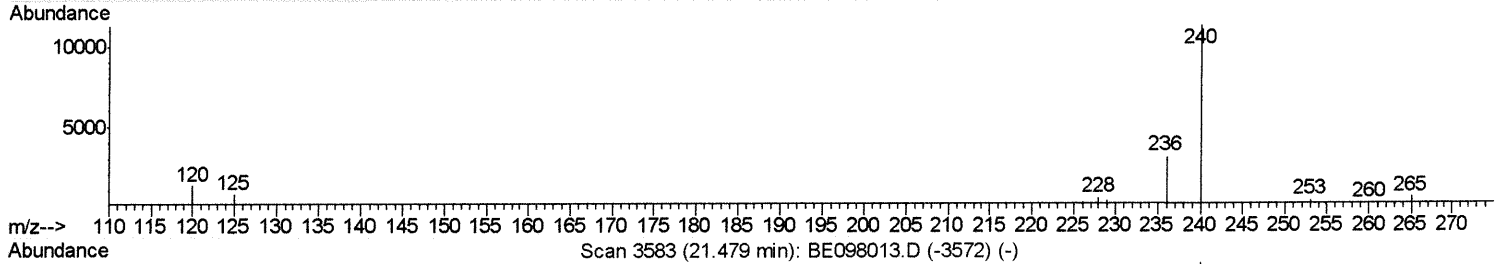
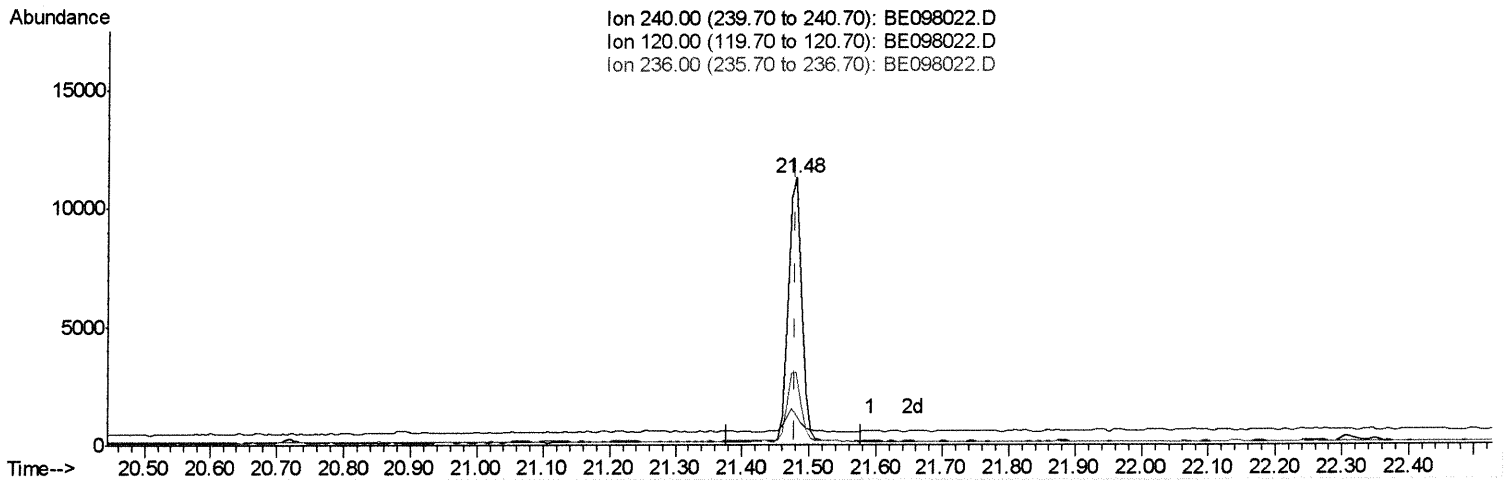
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:53:01 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)

21.480min (+0.000) 0.40ng/ul m

response 15345

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	11.49
236.00	27.00	27.37
0.00	0.00	0.00

SJ10/24/18

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

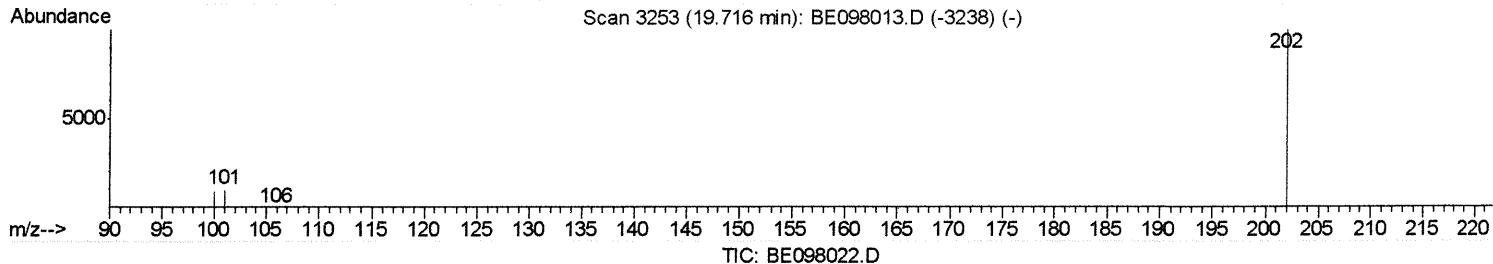
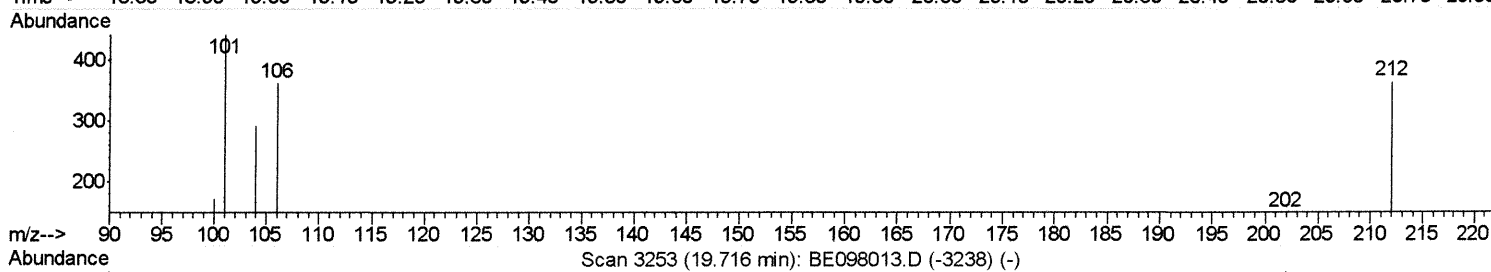
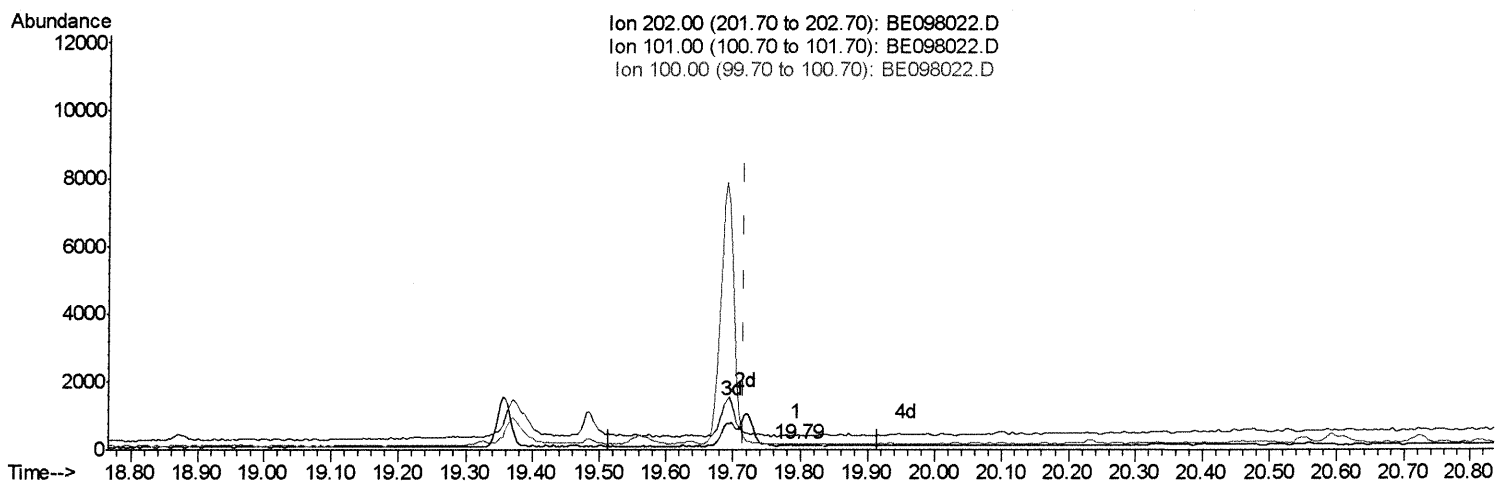
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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



(17) Pyrene

19.794min (+0.078) 0.00ng/ul

response 43

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	296.64#
100.00	9.90	115.44#
0.00	0.00	0.00

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

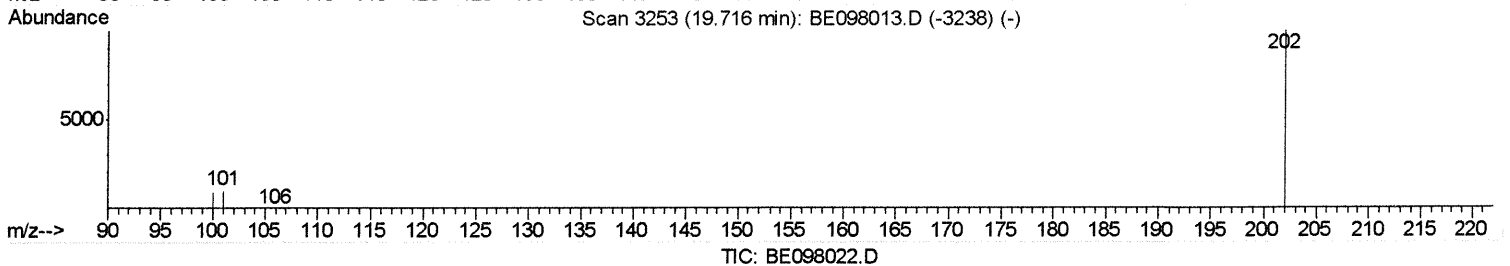
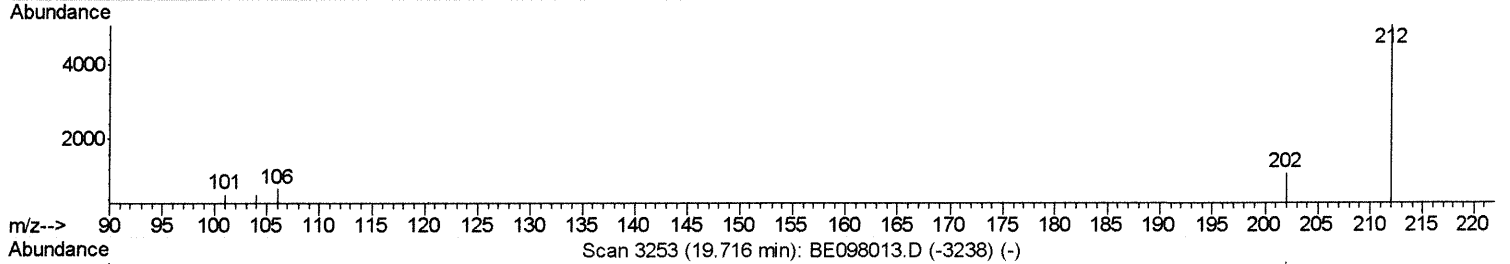
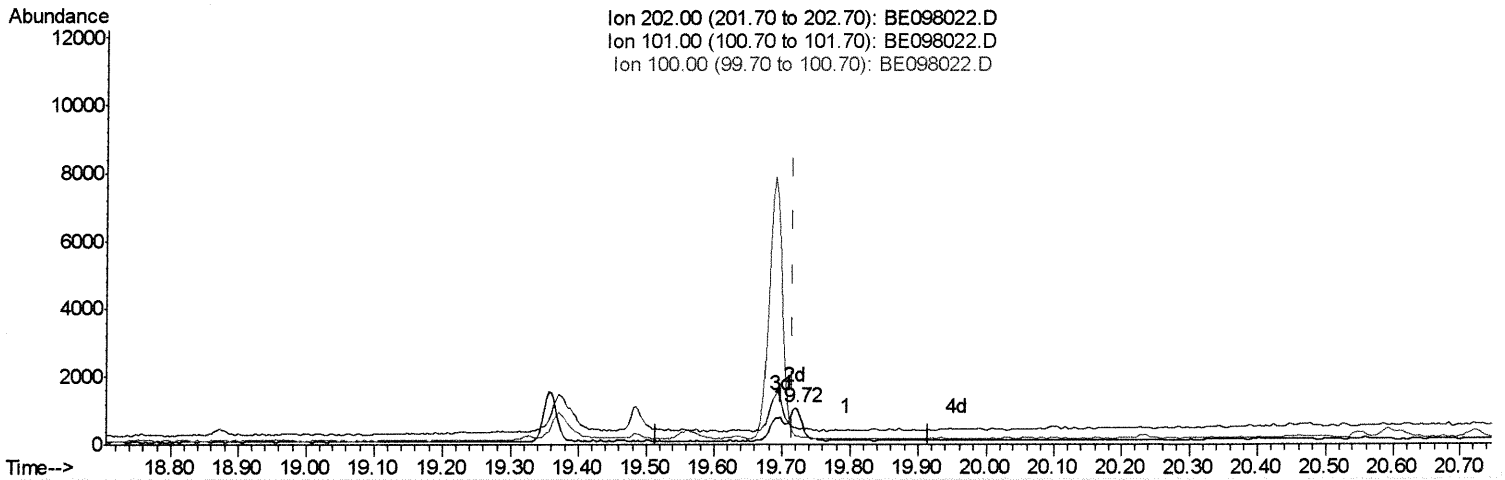
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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



(17) Pyrene

19.719min (+0.003) 0.03ng/ul m

response 1085

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	48.01#
100.00	9.90	26.87#
0.00	0.00	0.00

SJ 10/24/18

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

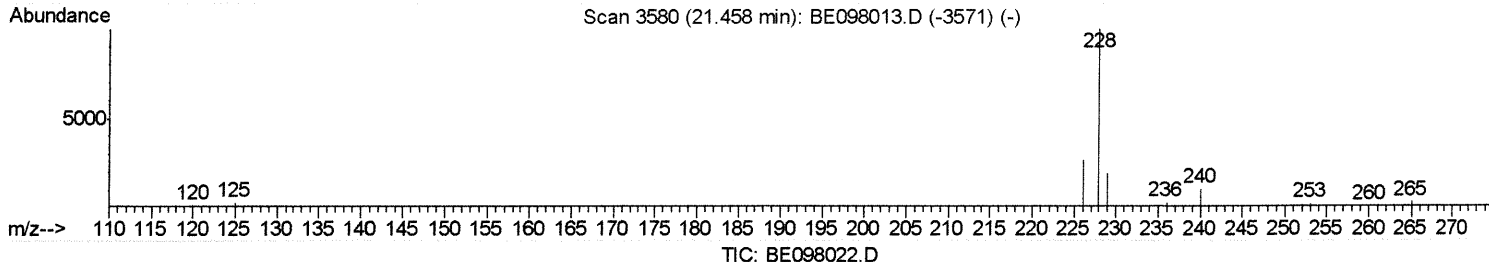
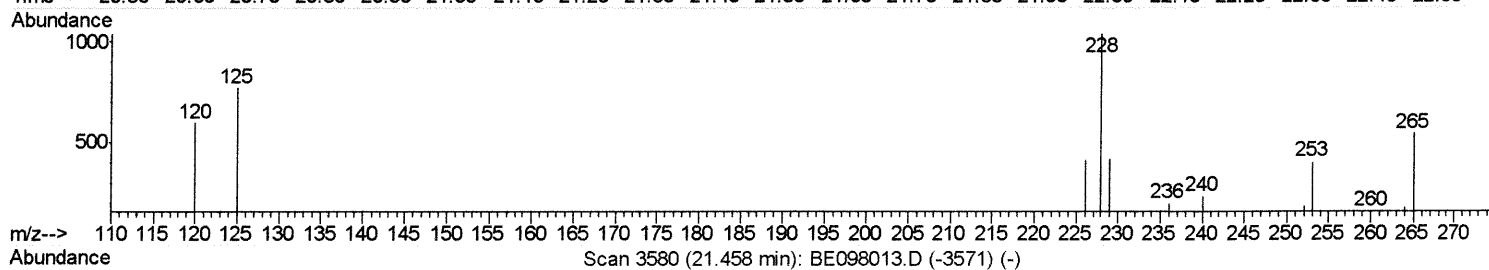
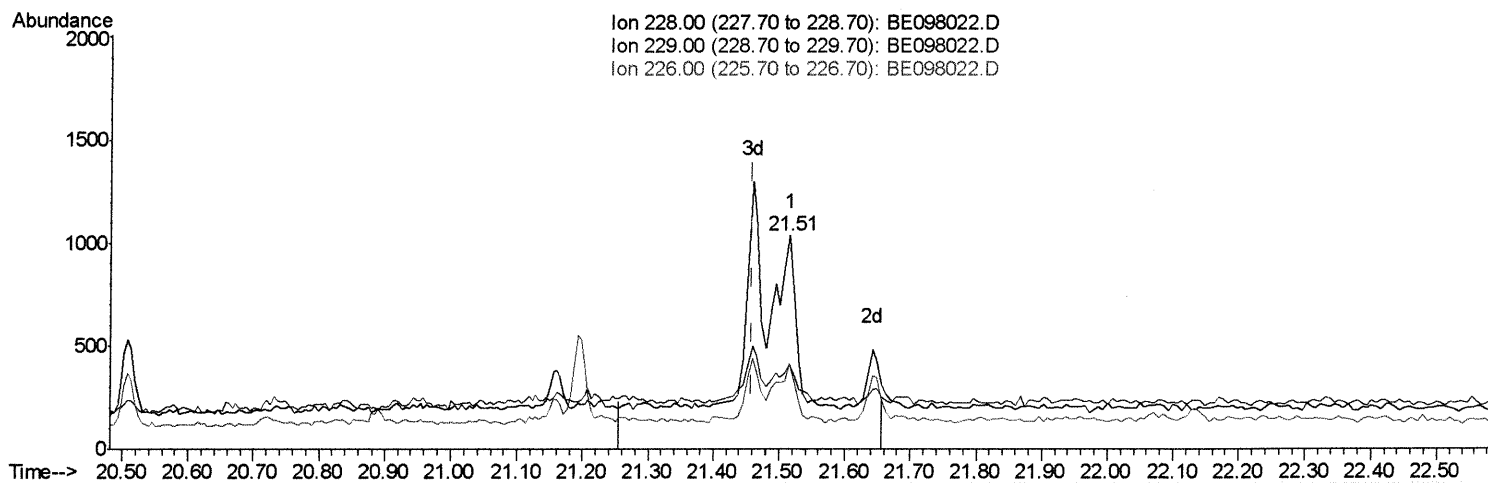
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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Quant Time: Oct 23 03:54:03 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) 0.04ng/ul
response 1763

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	40.08#
226.00	26.90	39.69#
0.00	0.00	0.00

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

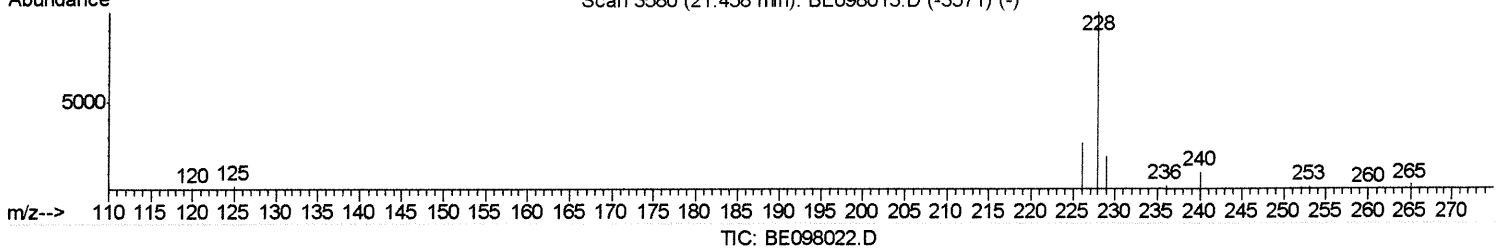
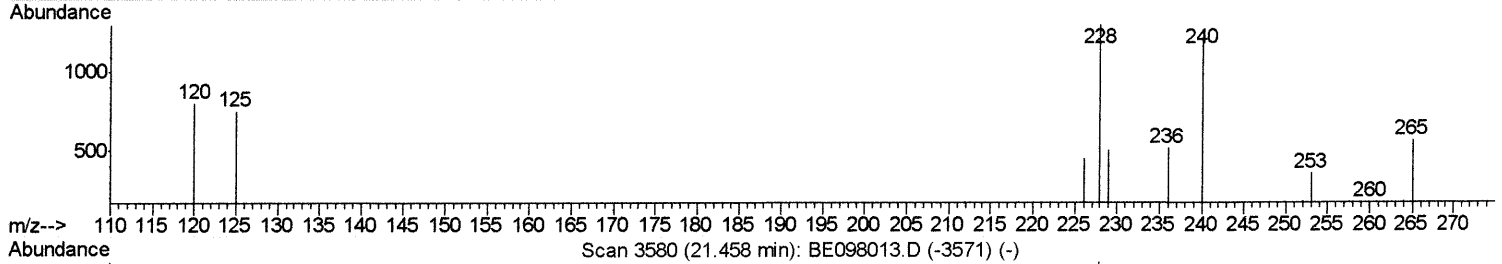
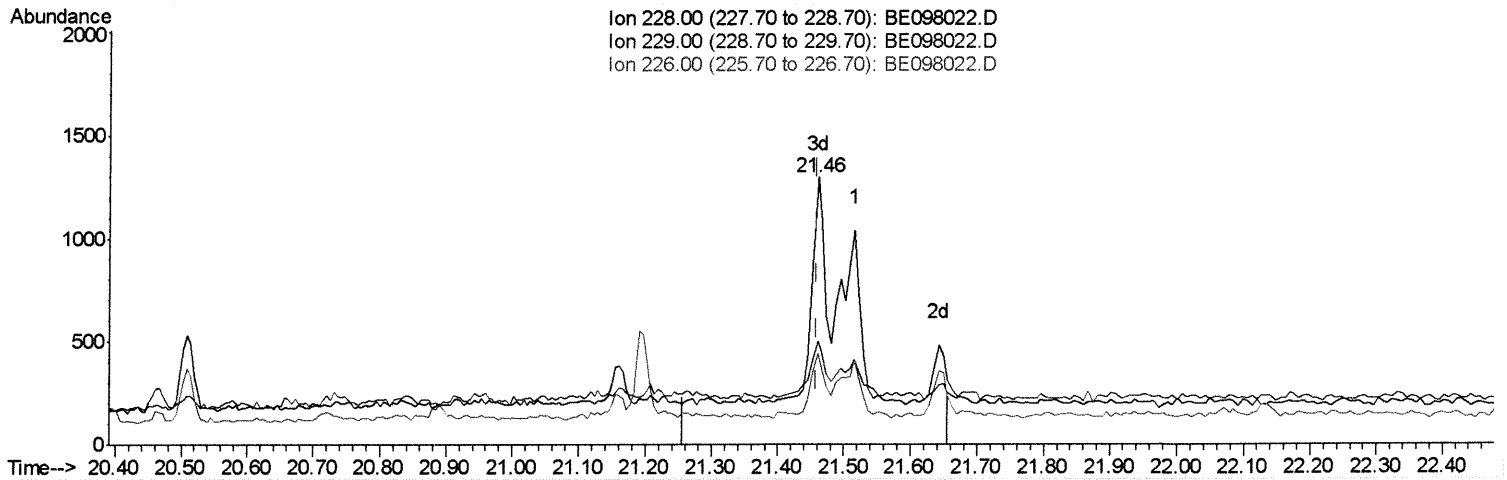
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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) 0.05ng/ul m

response 2162

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	38.83#
226.00	26.90	34.21#
0.00	0.00	0.00

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

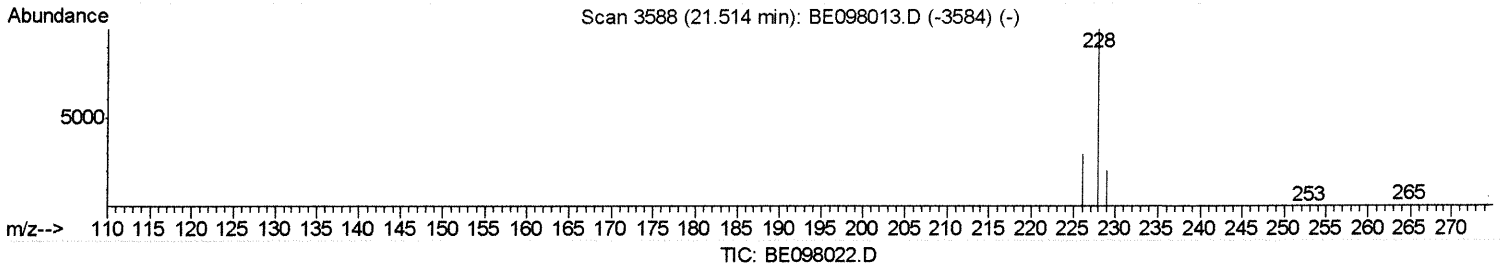
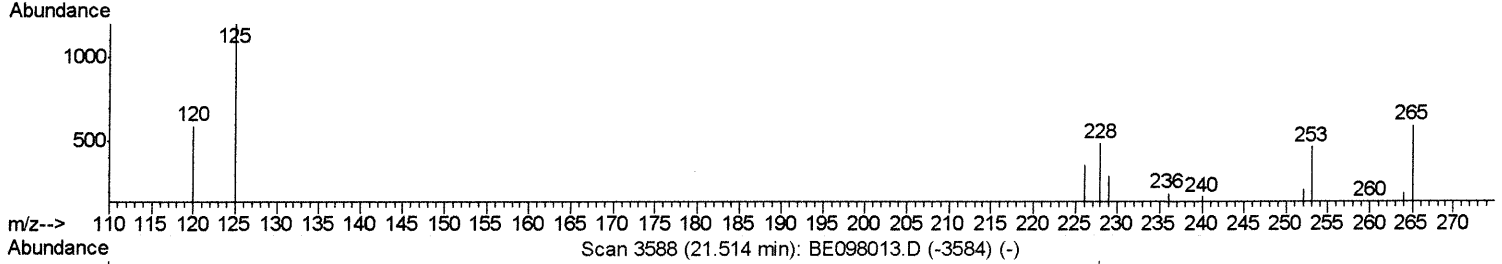
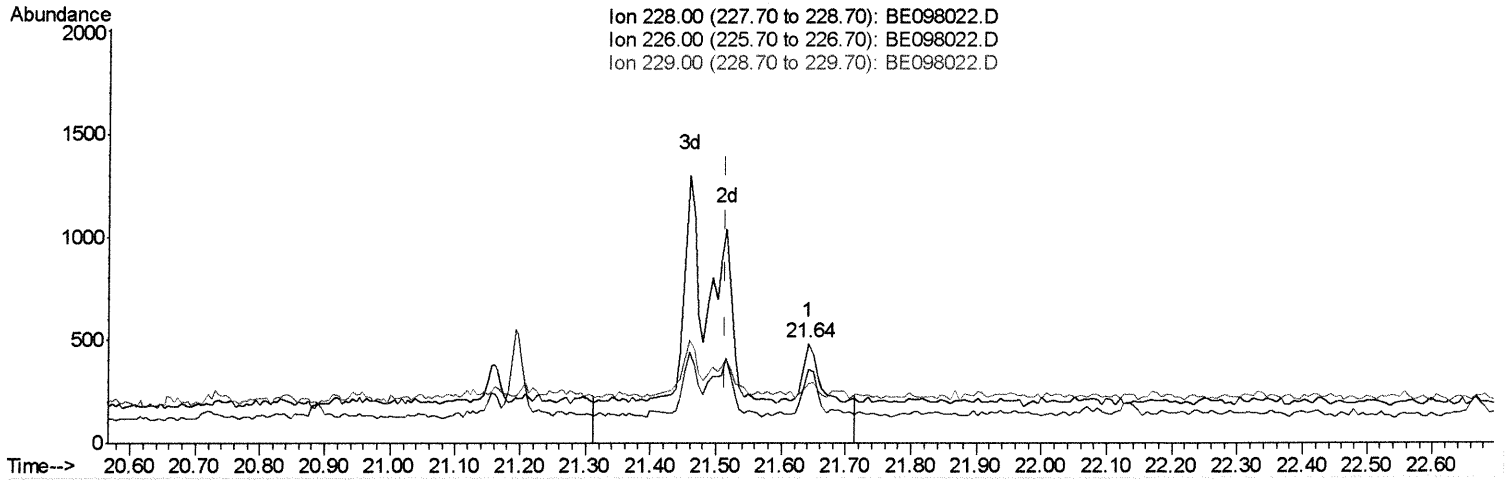
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



(19) Chrysene

21.641min (+0.127) 0.01ng/ul

response 498

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	73.66#
229.00	19.40	59.67#
0.00	0.00	0.00

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

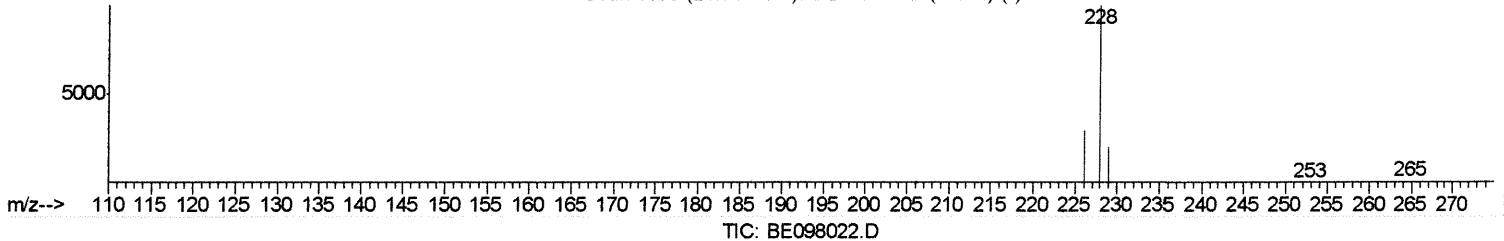
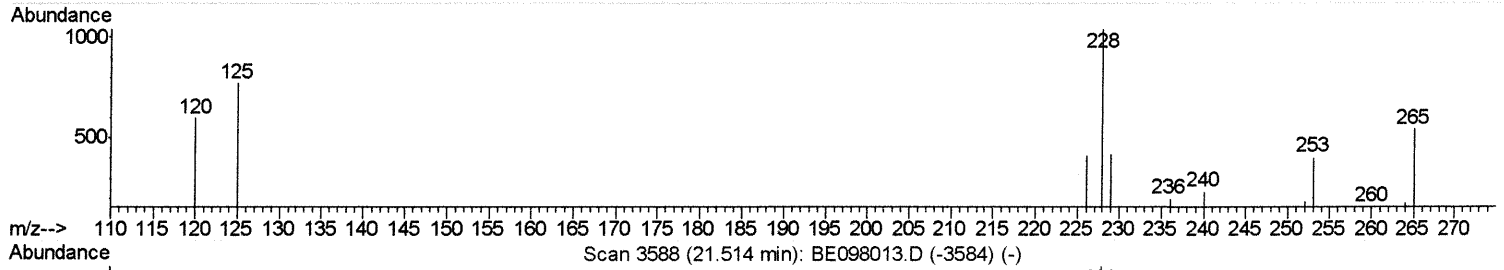
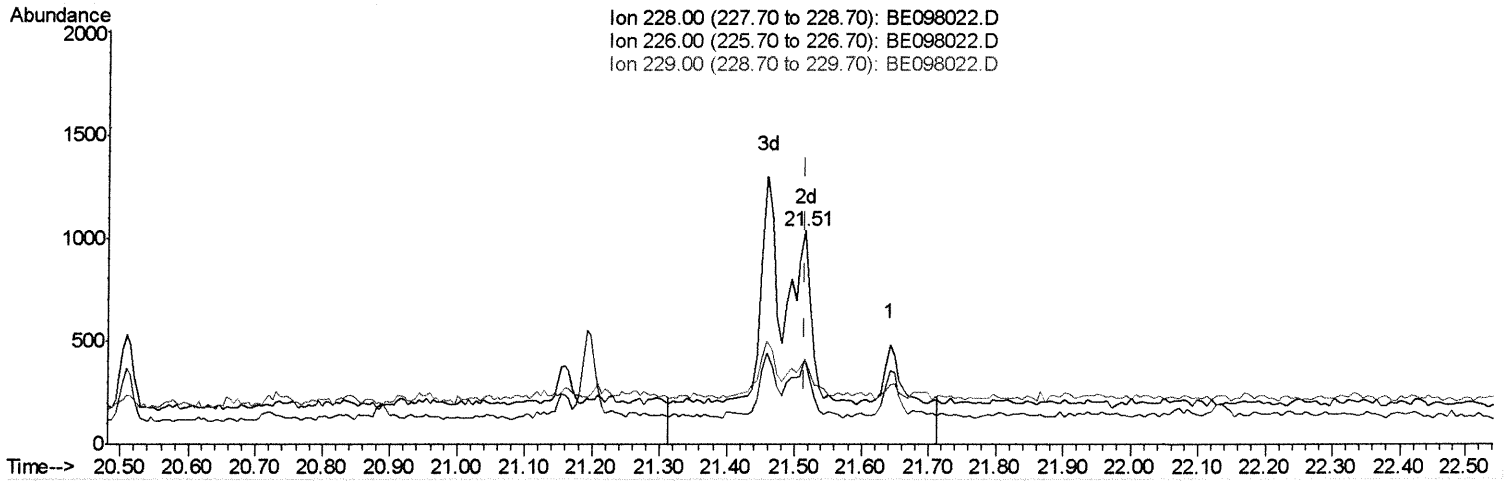
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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) 0.04ng/ul m

SJ 10/24/18

response 1611

Ion	Exp%	Act%
228.00	100	100
226.00	28.70	39.69#
229.00	19.40	40.08#
0.00	0.00	0.00

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

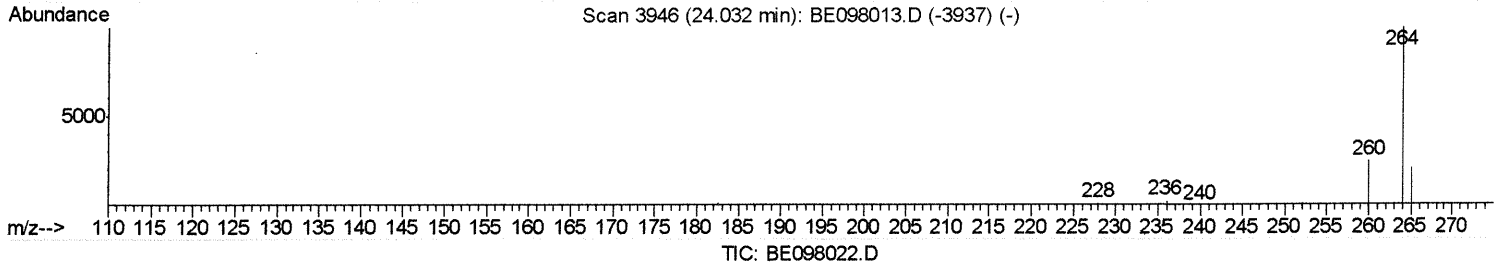
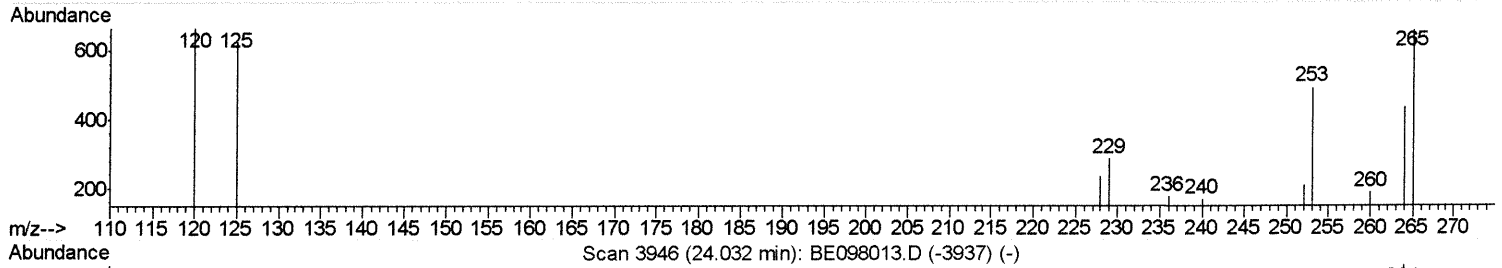
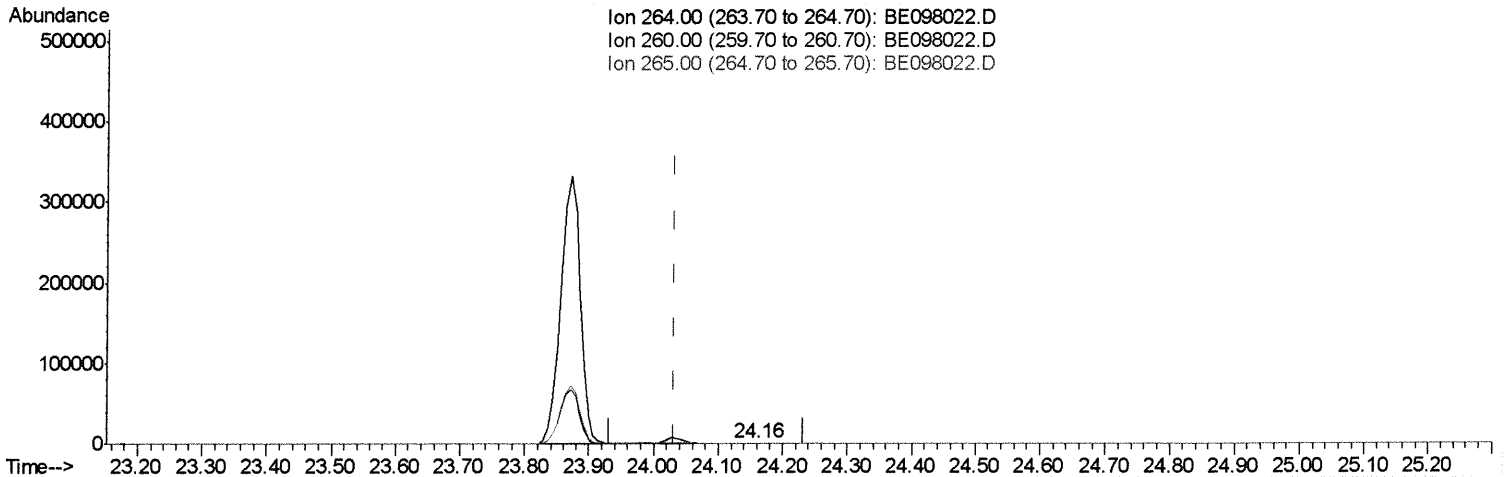
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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)

24.159min (+0.127) 0.40ng/ul

response 699

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	43.22#
265.00	26.90	150.80#
0.00	0.00	0.00

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

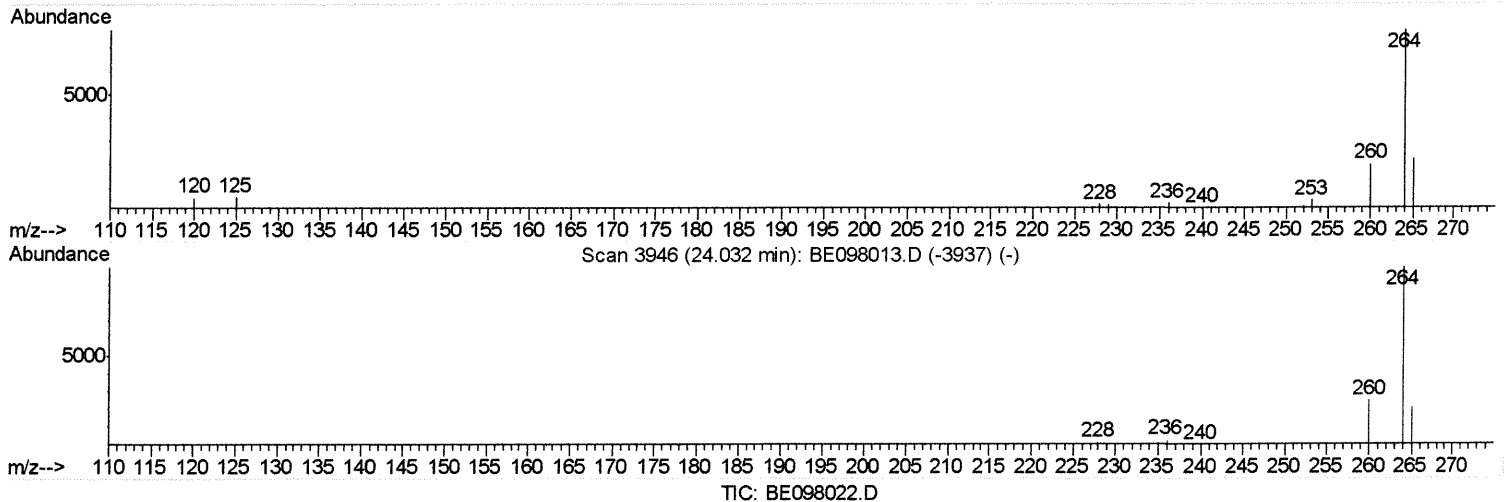
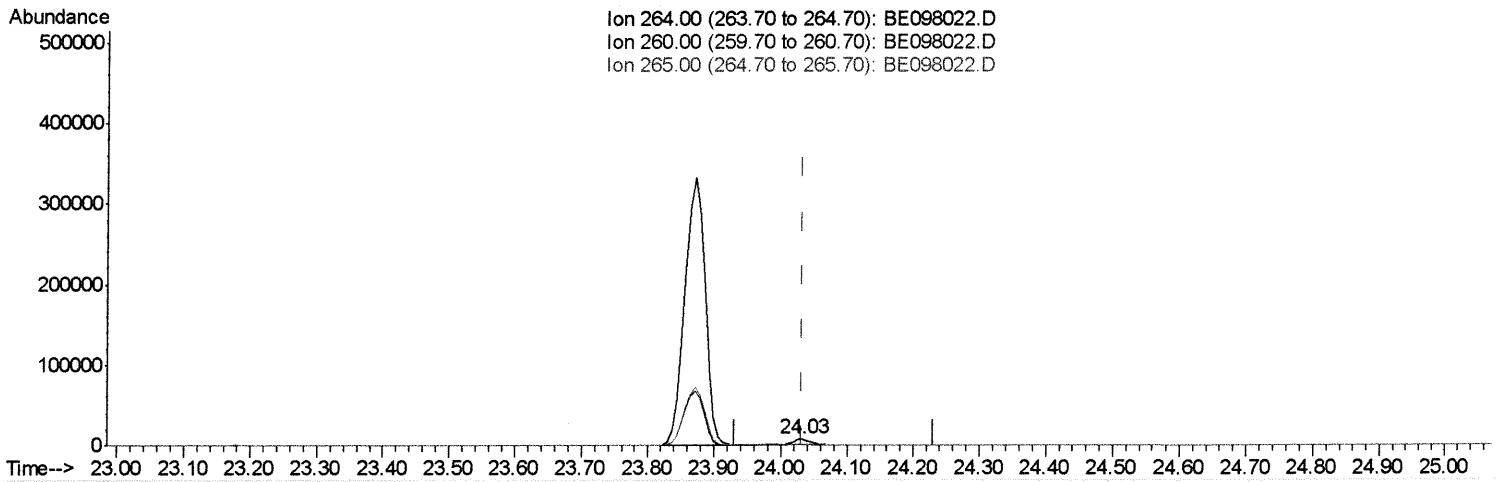
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:54:03 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

response 14304

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	25.64
265.00	26.90	28.79
0.00	0.00	0.00

SJ10/24/18

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

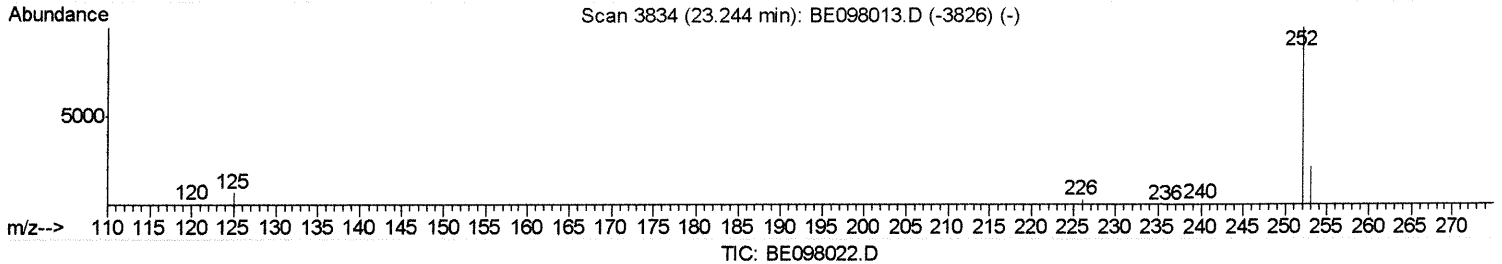
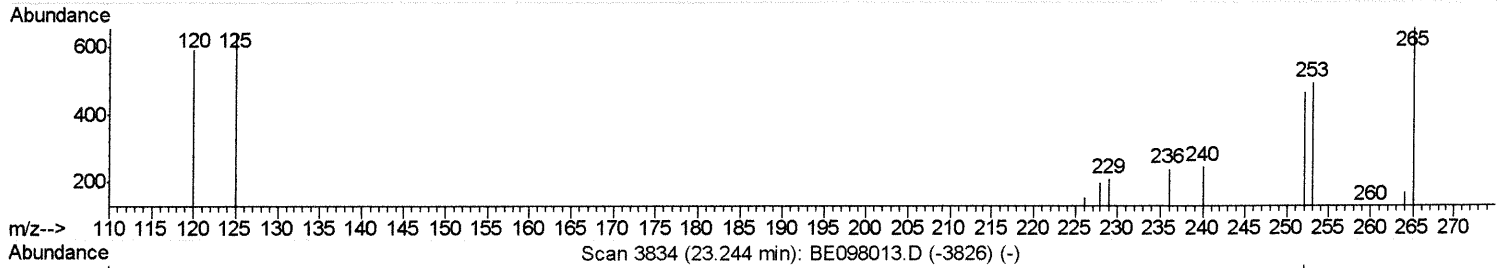
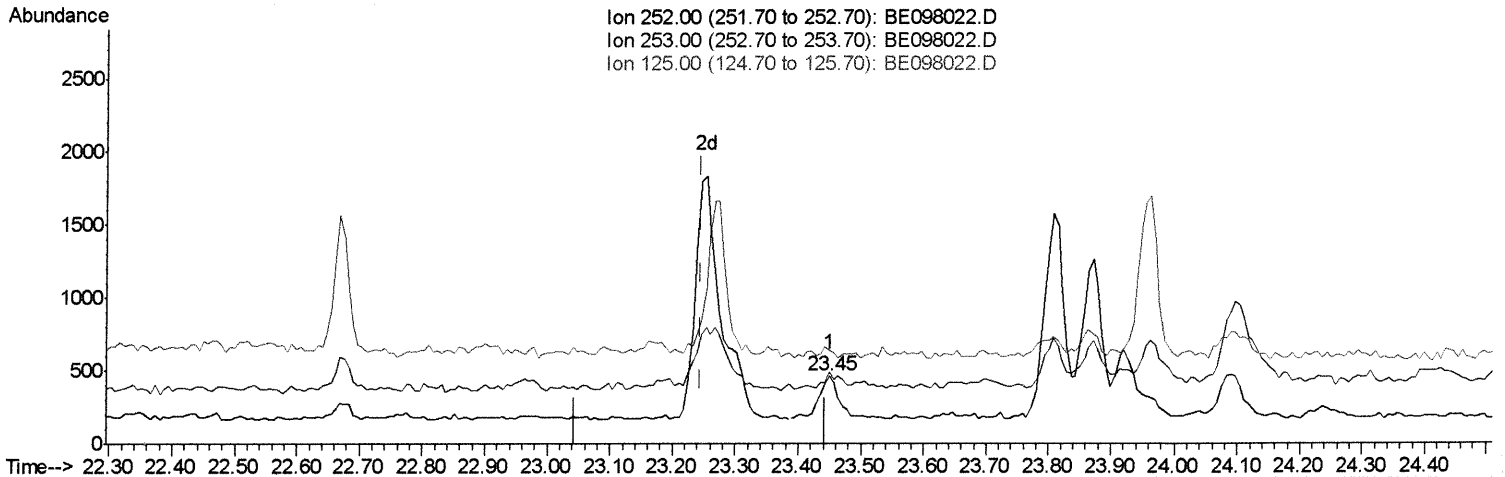
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:56:24 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
23.449min (+0.204) 0.02ng/ul
response 667
Ion Exp% Act%
252.00 100 100
253.00 23.50 105.81#
125.00 9.10 137.42#
0.00 0.00 0.00

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

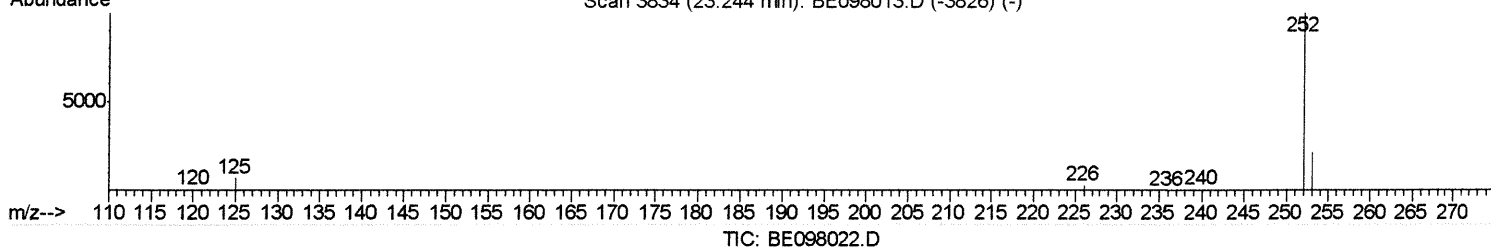
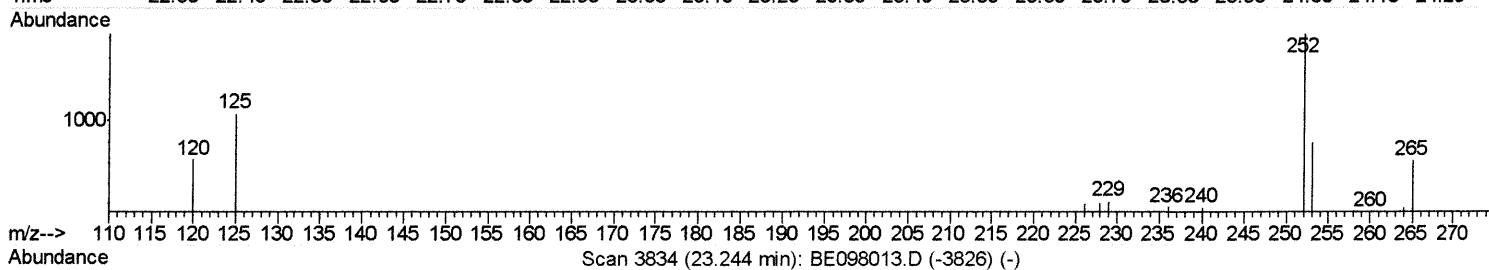
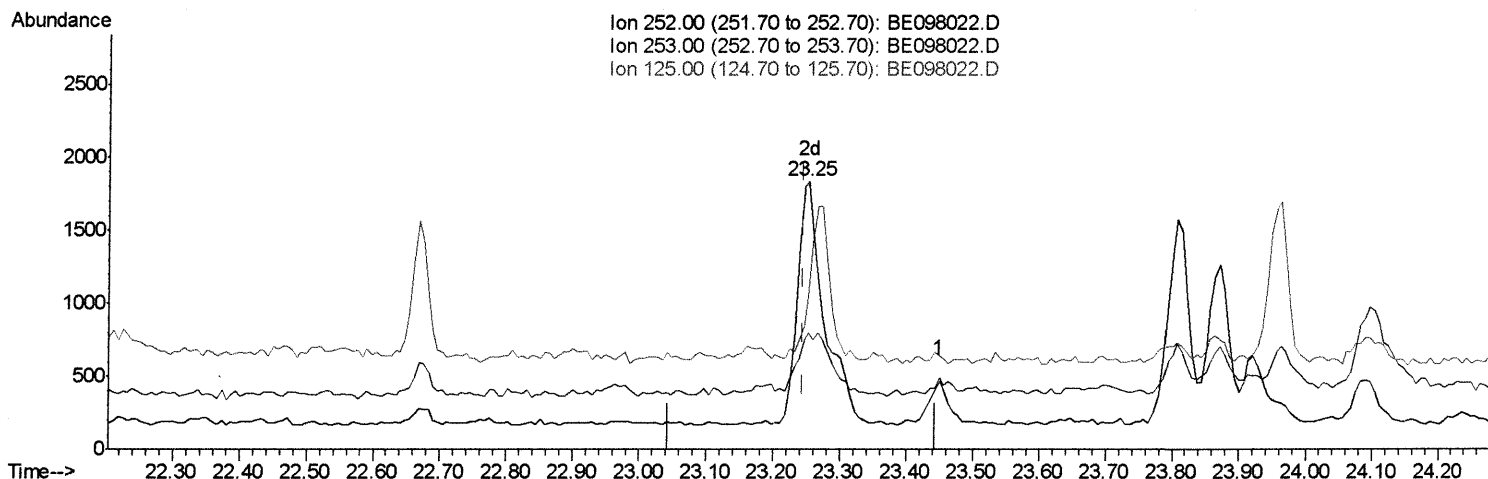
Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:56:24 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

23.252min (+0.007) 0.11ng/ul m

response 4002

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	43.59
125.00	9.10	58.21#
0.00	0.00	0.00

SJ10/24/18

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

Data File : BE098022.D
Acq On : 22 Oct 2018 23:00
Operator : SJ/JU
Sample : J5567-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH6

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:49 PM

Quant Time: Oct 23 03:57:27 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	1688	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	8425	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6091	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	13830m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	15345m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	14304m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	3466	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	9695m	0.22	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Fluoranthene	19.36	202	2015m	0.046	ng/ul	
17) Pyrene	19.72	202	1085m	0.029	ng/ul	
18) Benzo(a)anthracene	21.46	228	2162m	0.051	ng/ul	
19) Chrysene	21.51	228	1611m	0.039	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	4002m	0.108	ng/ul	

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