

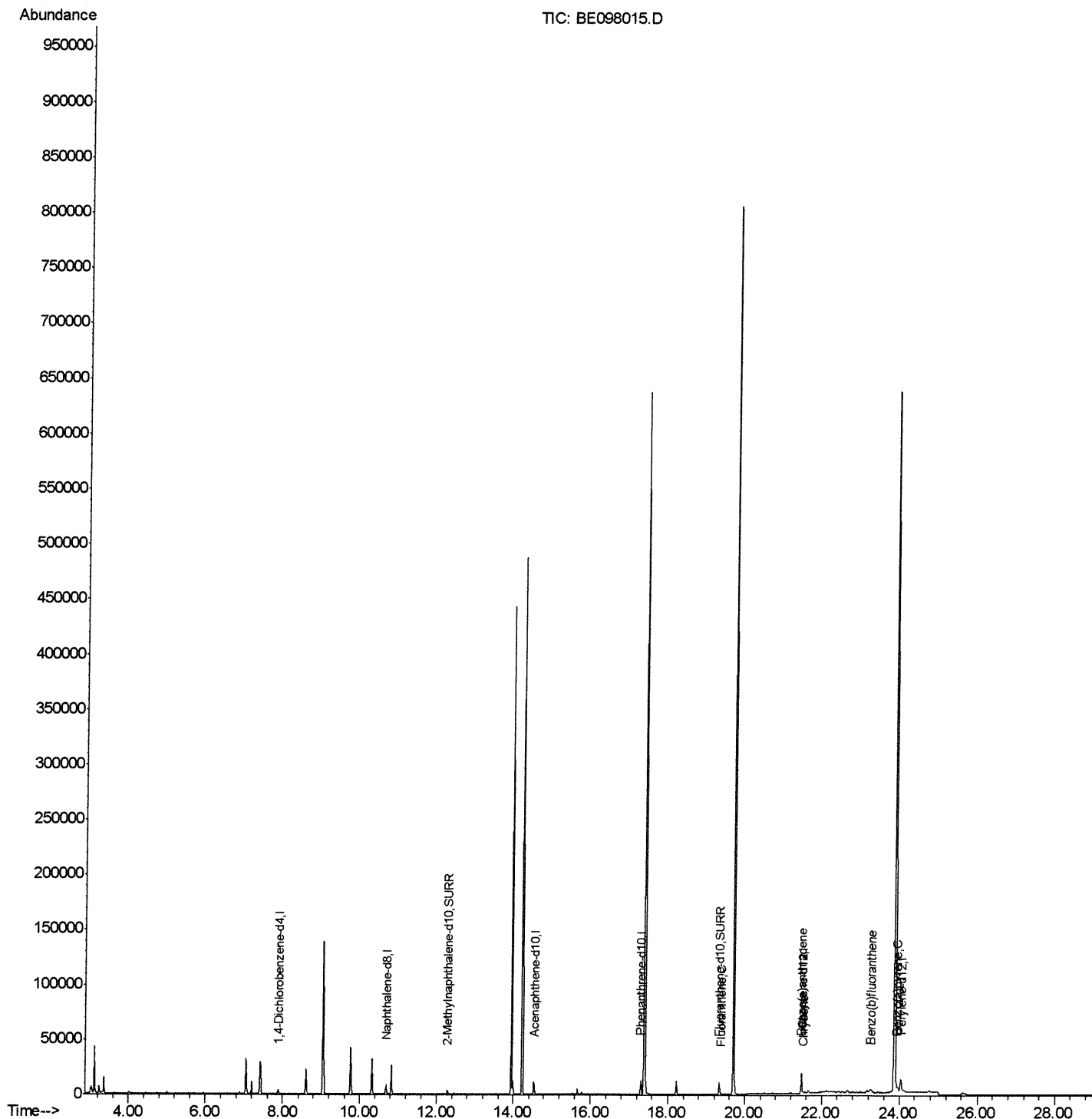
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (QT Reviewed)
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:48:55 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



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

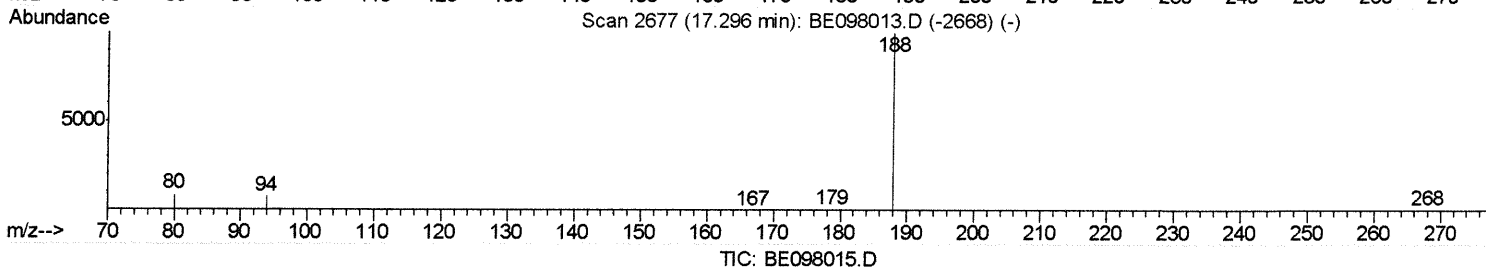
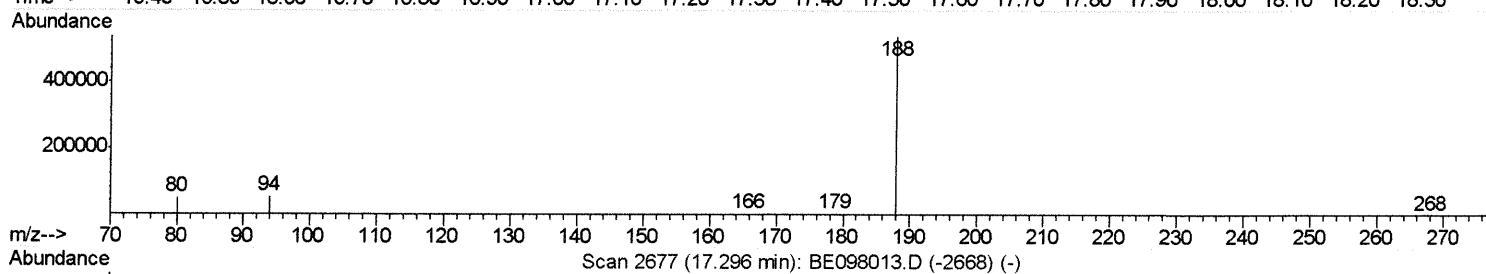
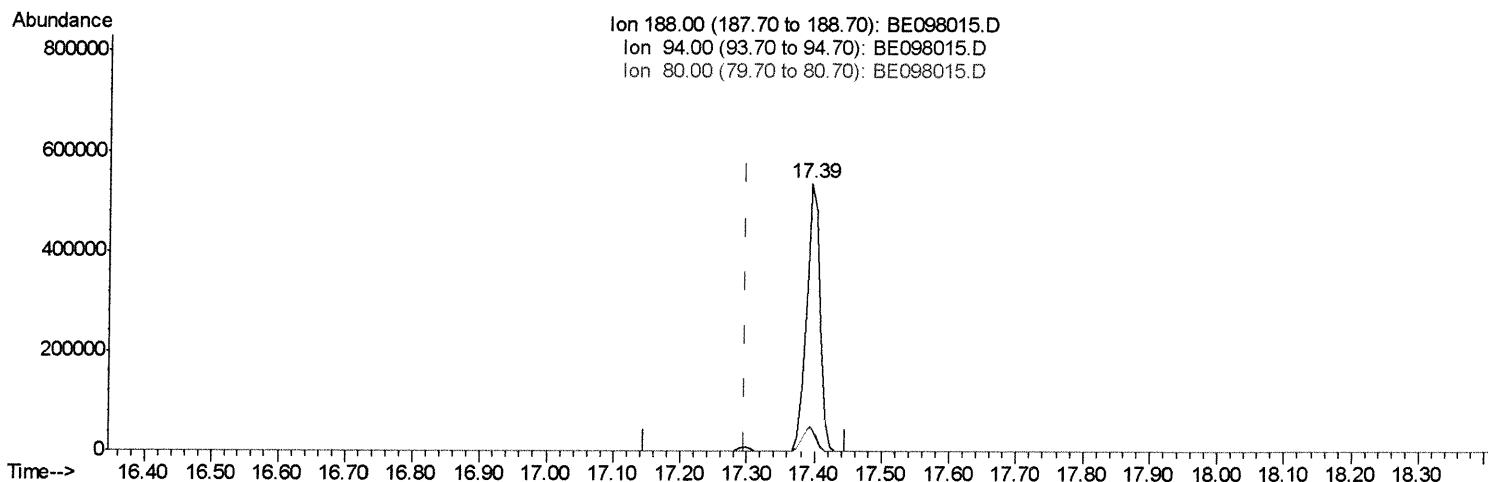
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:37:47 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)
17.394min (+0.098) 0.40ng/ul
response 772122

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	9.66
80.00	9.30	9.03
0.00	0.00	0.00

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

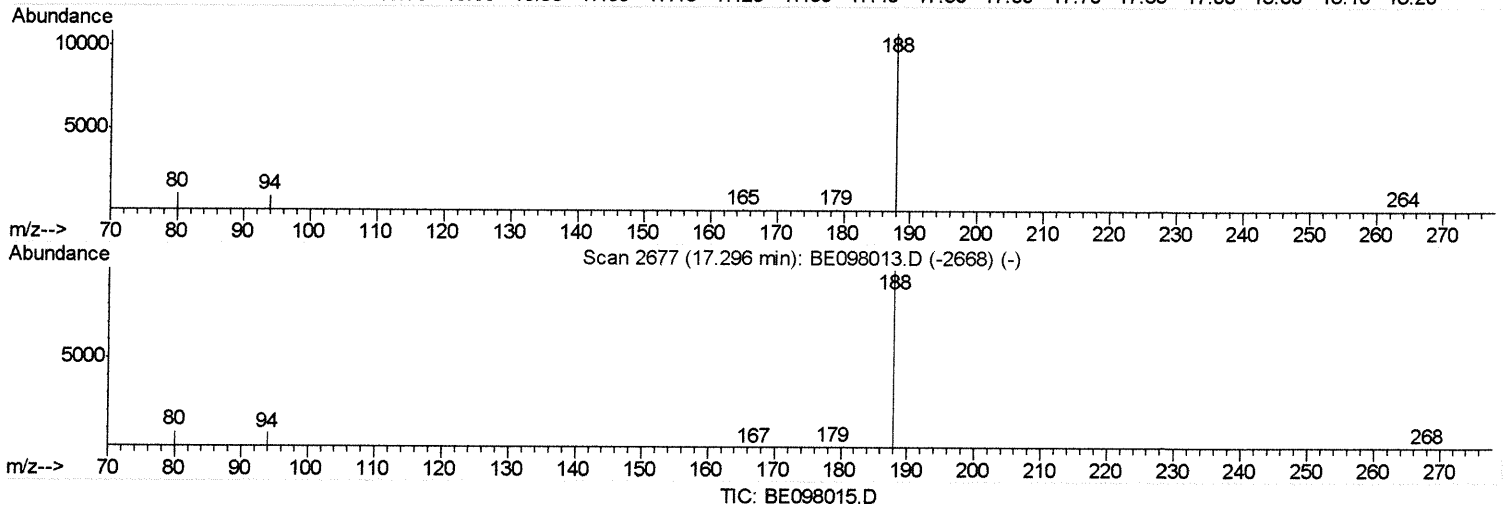
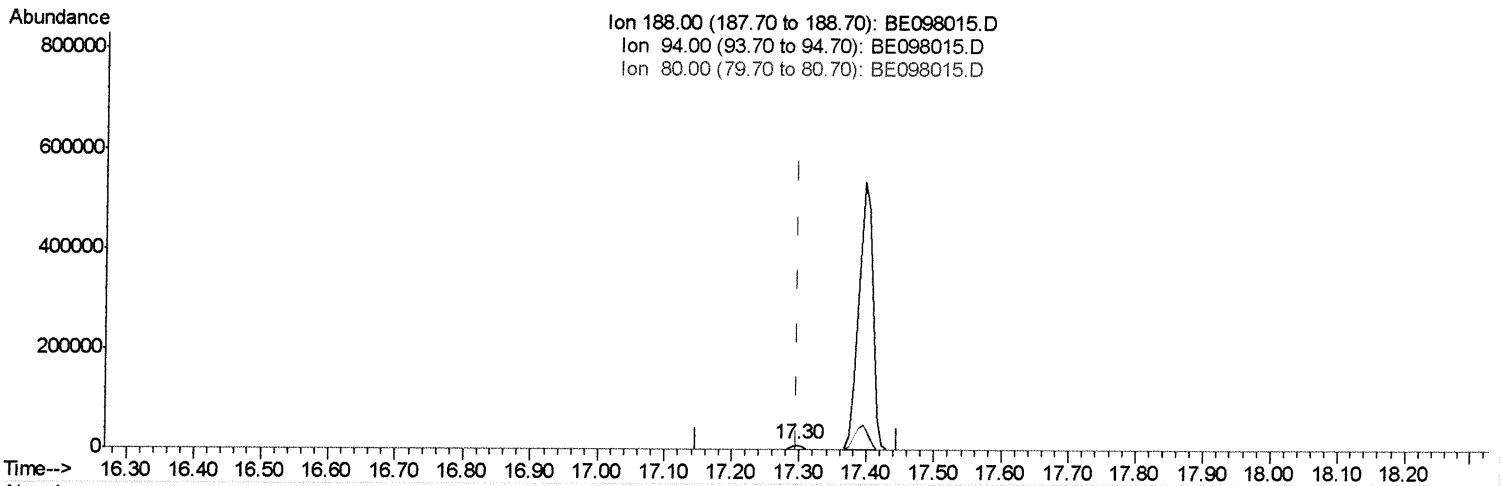
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:37:47 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)

17.296min (-0.000) 0.40ng/ul m

SJ 10/24/18

response 14814

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	8.26
80.00	9.30	9.45
0.00	0.00	0.00

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

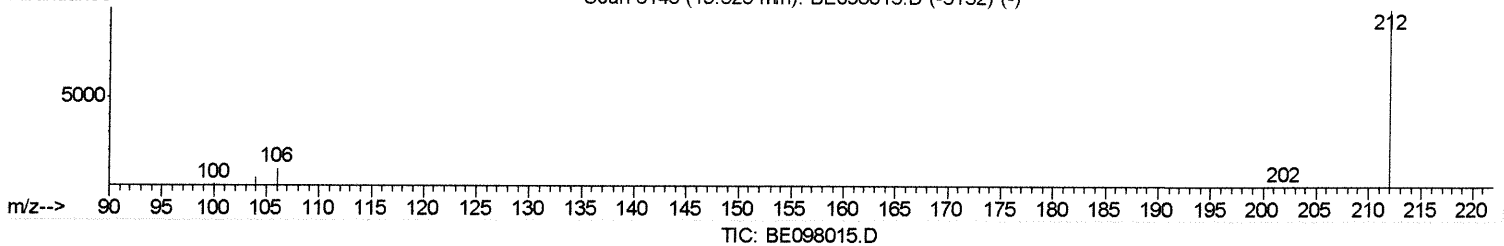
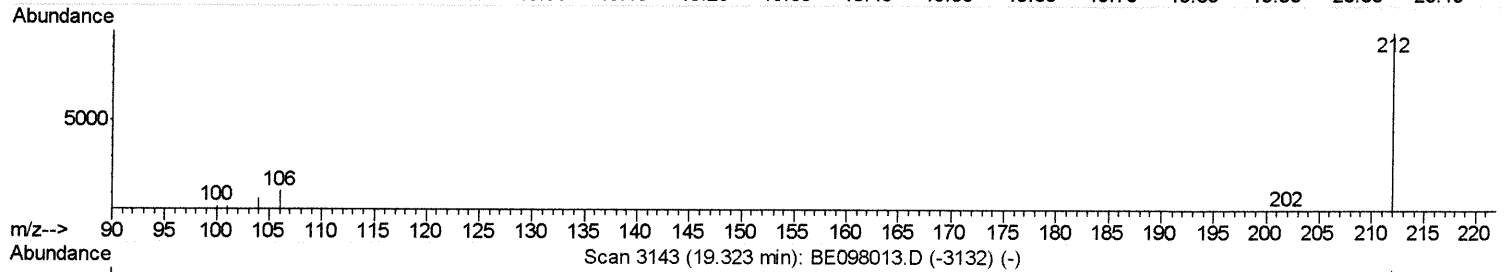
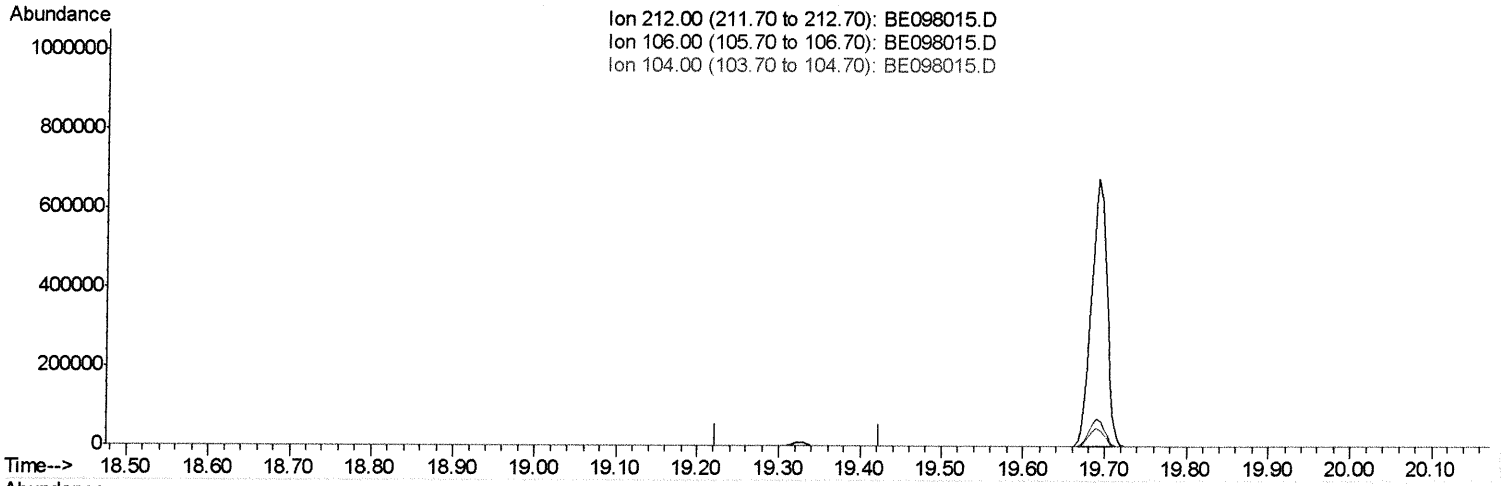
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:43:41 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



(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)

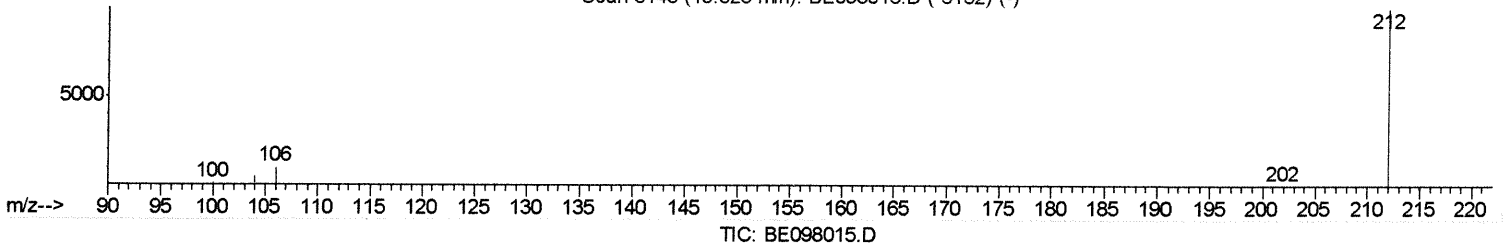
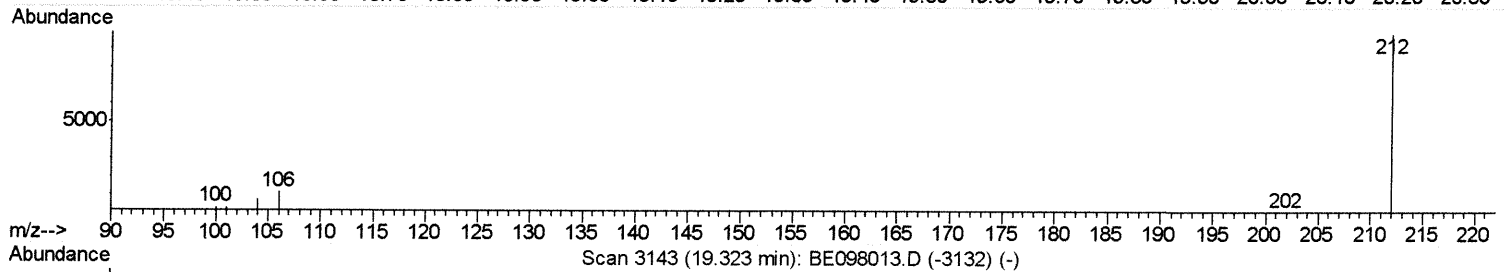
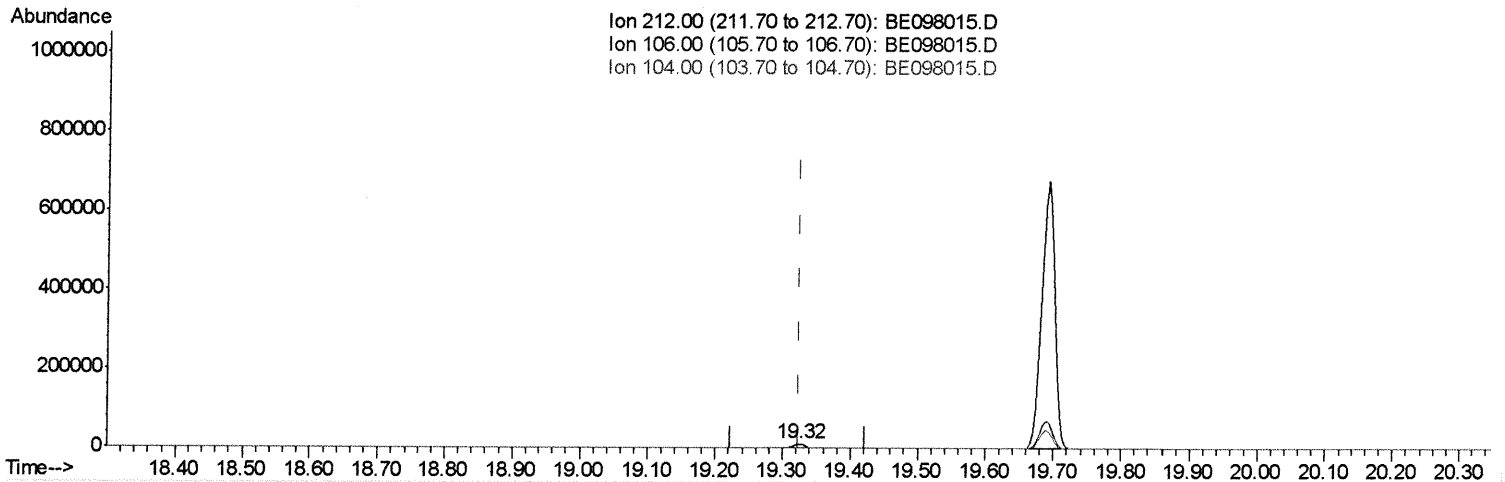
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:43:41 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



(14) Fluoranthene-d10 (SURR)

19.324min (+0.000) 0.27ng/ul m

SJ10/24/18

response 13111

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

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

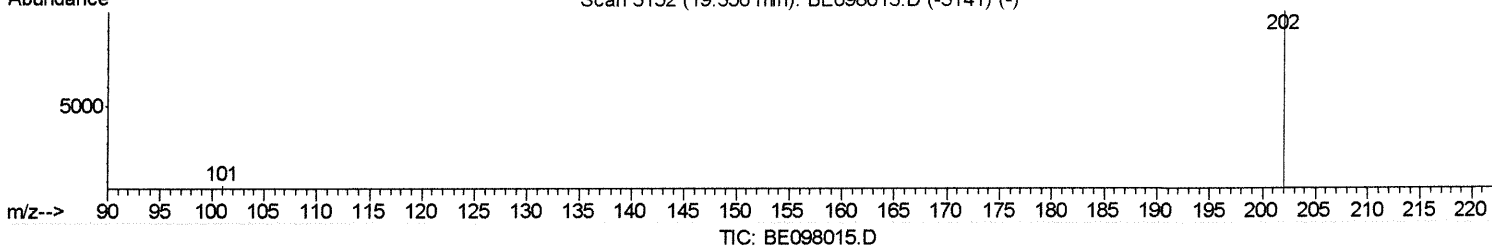
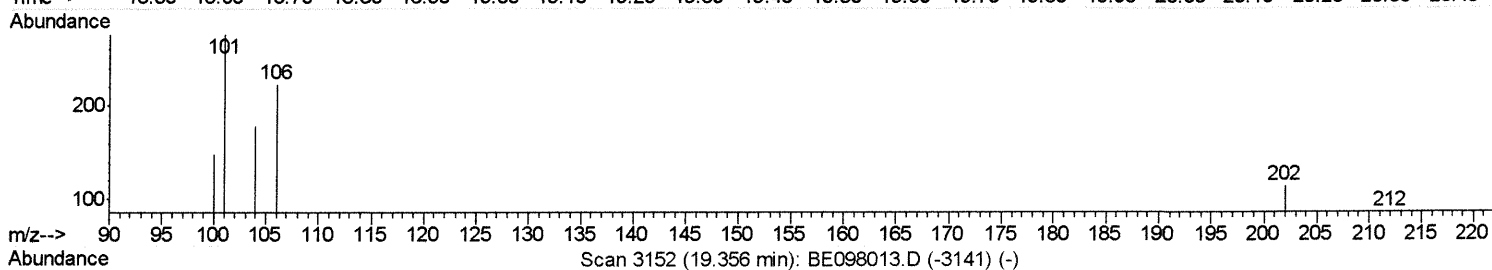
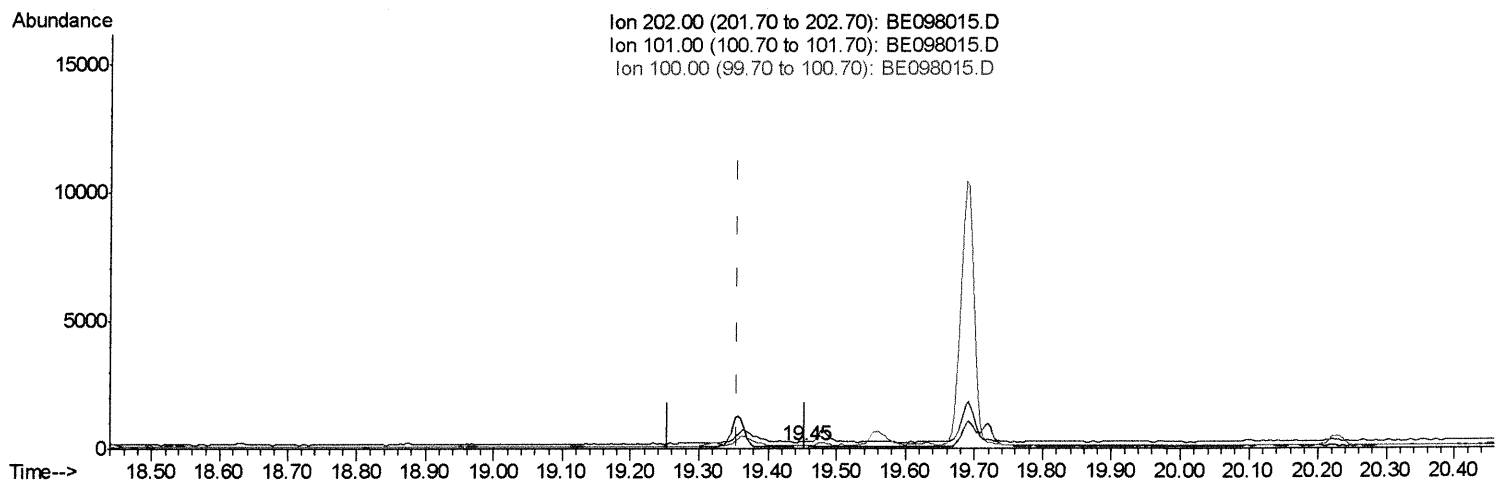
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:44:11 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



(15) Fluoranthene (C)

19.452min (+0.097) 0.00ng/ul

response 18

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	242.11#
100.00	7.50	130.70#
0.00	0.00	0.00

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

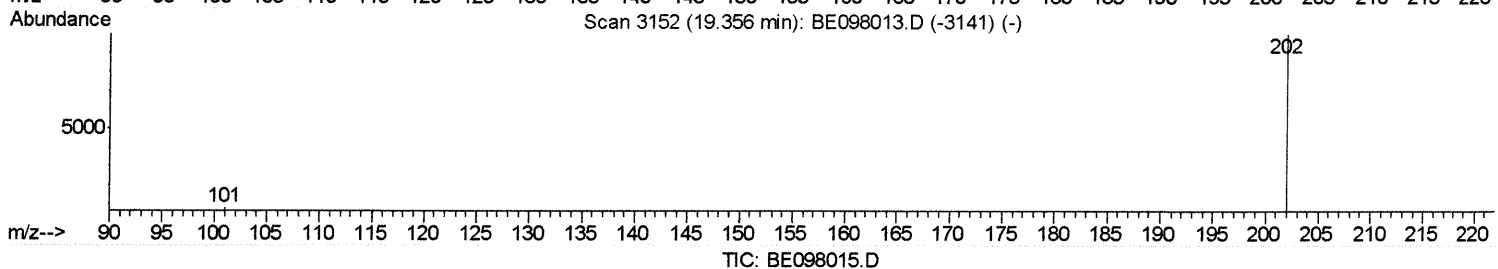
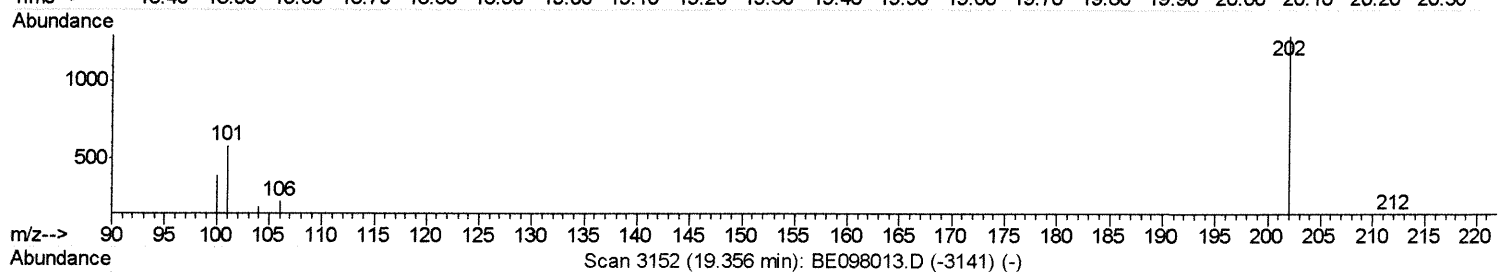
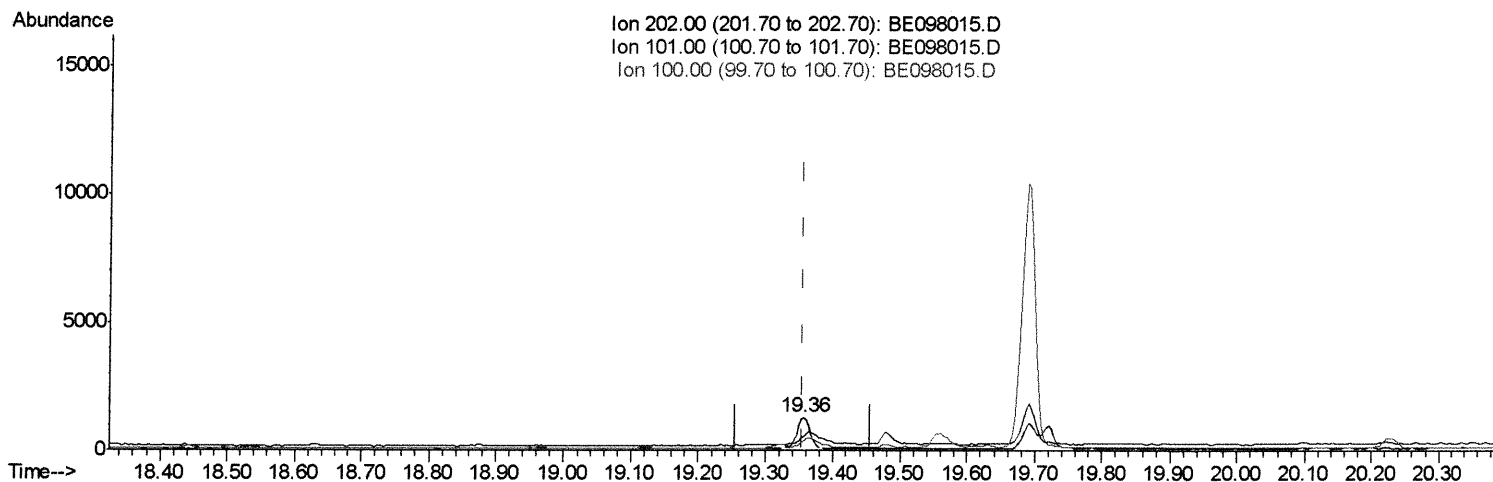
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:44:11 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



(15) Fluoranthene (C)

19.356min (+0.000) 0.03ng/ul m

SJ 10/24/18

response 1548

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	44.74#
100.00	7.50	30.06#
0.00	0.00	0.00

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

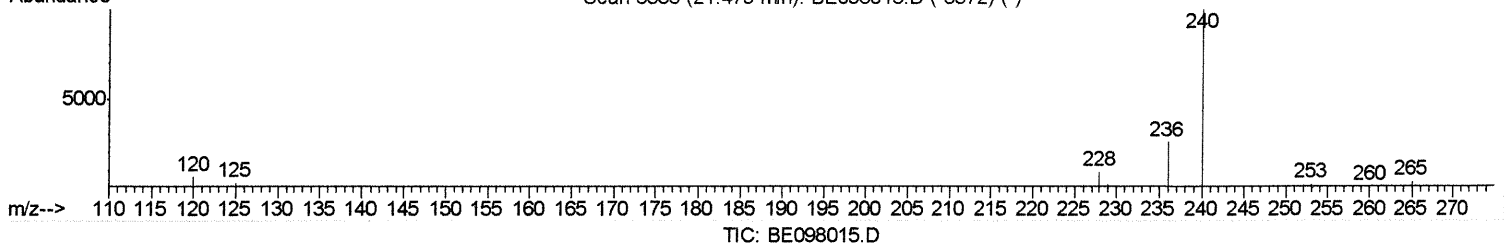
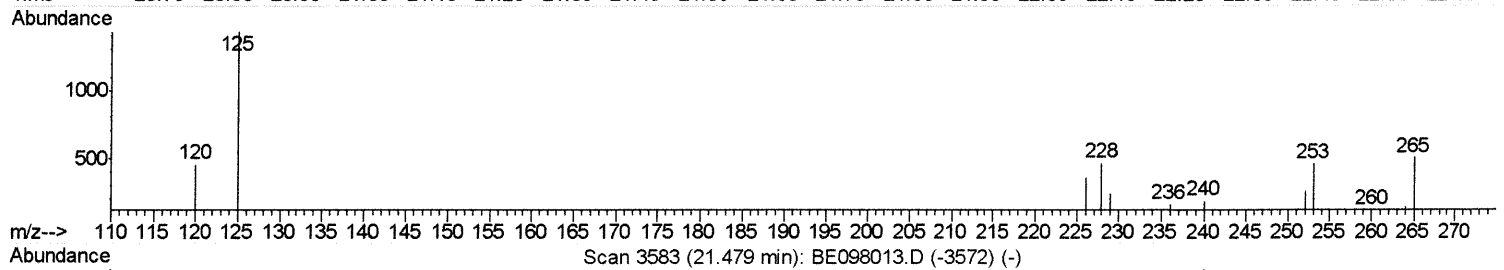
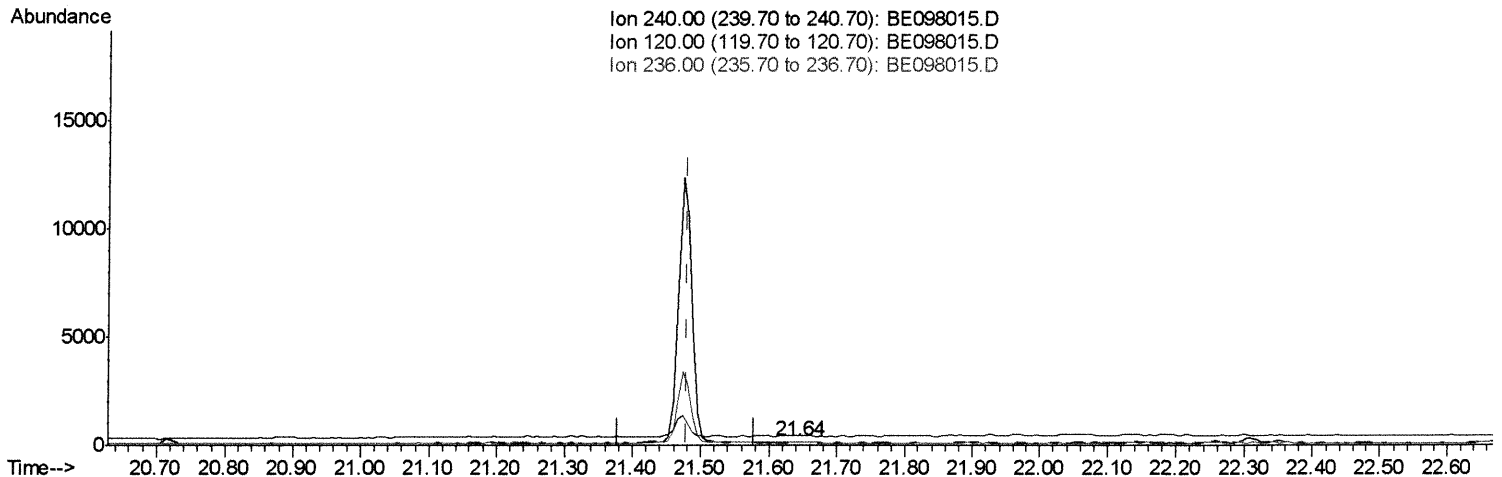
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:44:11 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



(16) Chrysene-d12 (I)

21.642min (+0.163) 0.40ng/ul

response 48

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	242.25#
236.00	27.00	84.49#
0.00	0.00	0.00

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

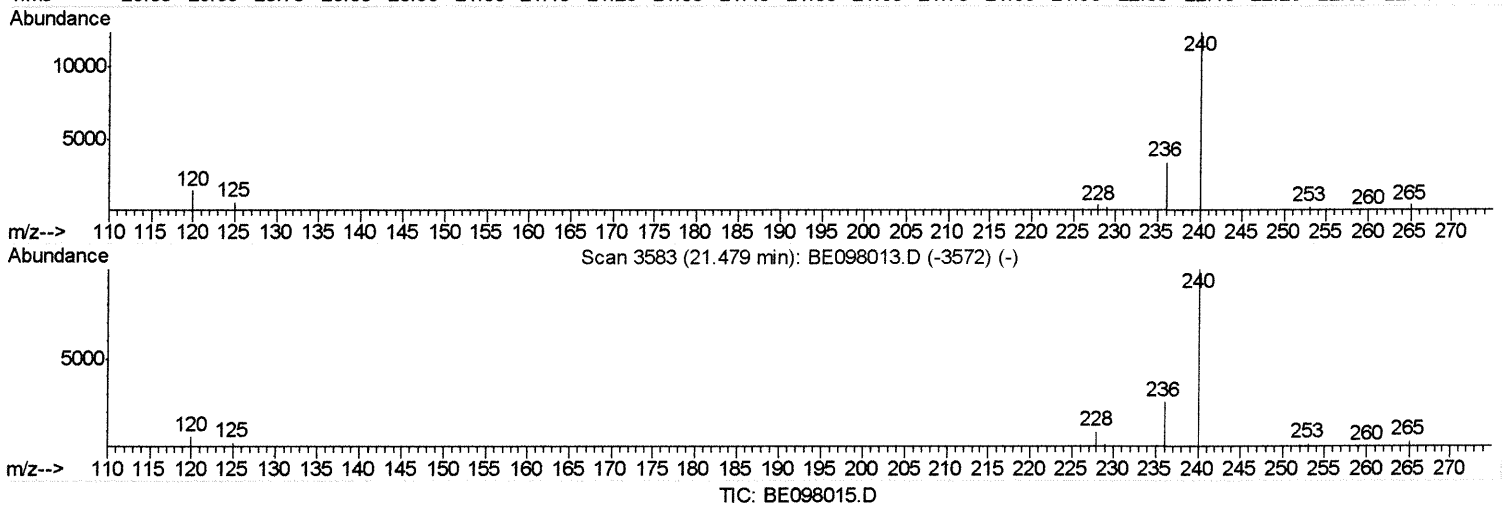
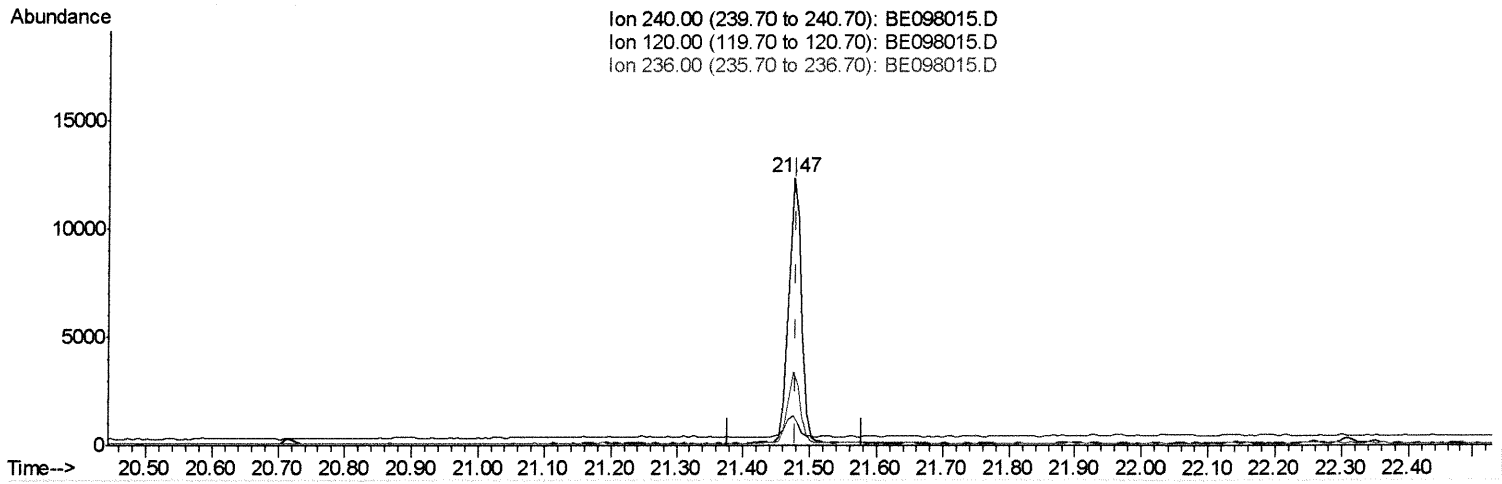
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:44:11 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



(16) Chrysene-d12 (I)

21.474min (-0.006) 0.40ng/ul m

SJ 10/24/18

response 16418

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	11.58
236.00	27.00	27.77
0.00	0.00	0.00

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

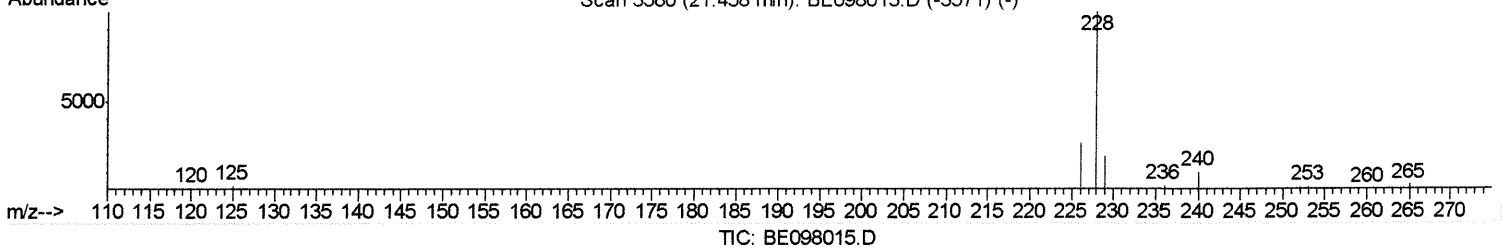
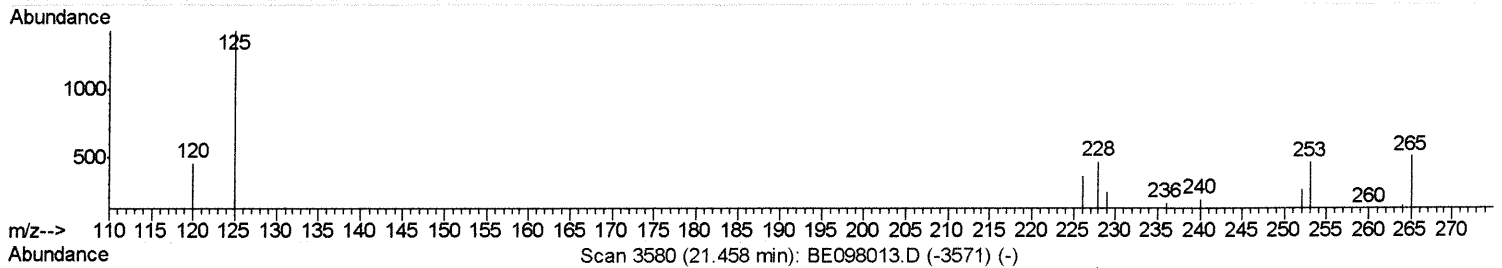
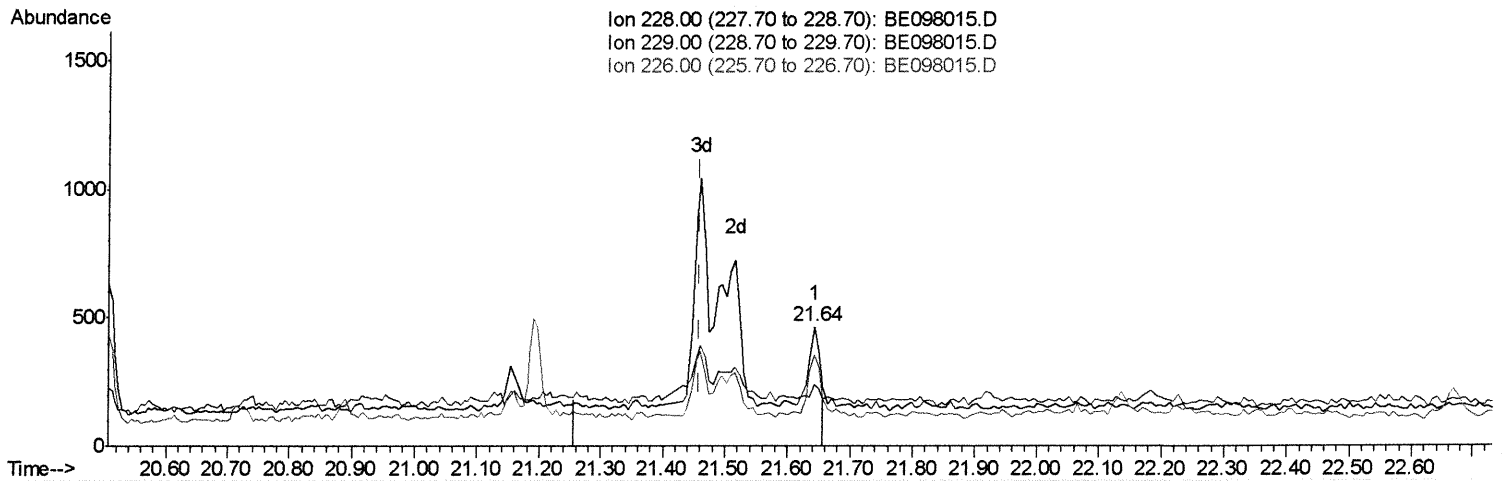
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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
21.642min (+0.184) 0.01ng/ul
response 465

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	51.61#
226.00	26.90	76.56#
0.00	0.00	0.00

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

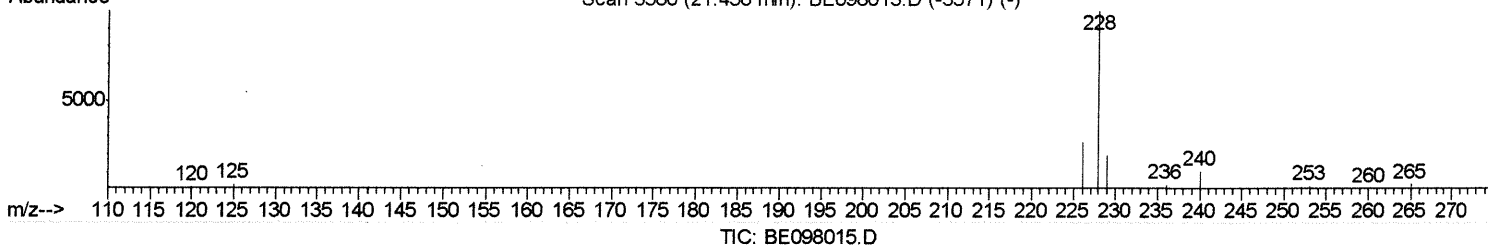
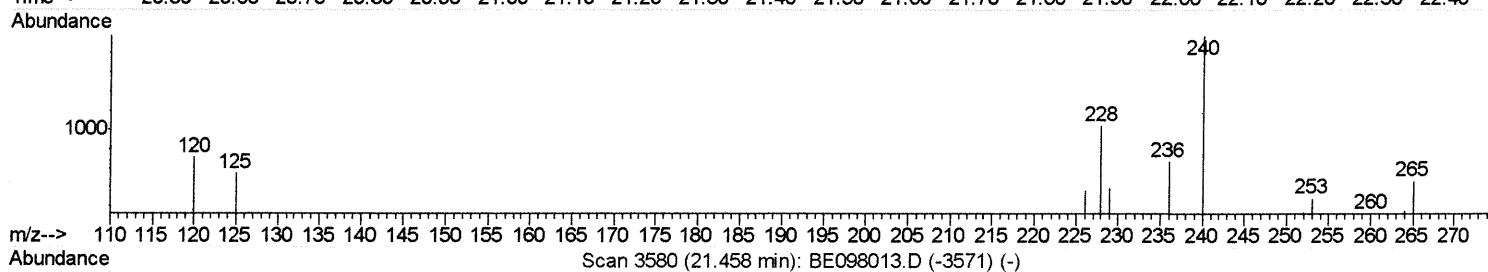
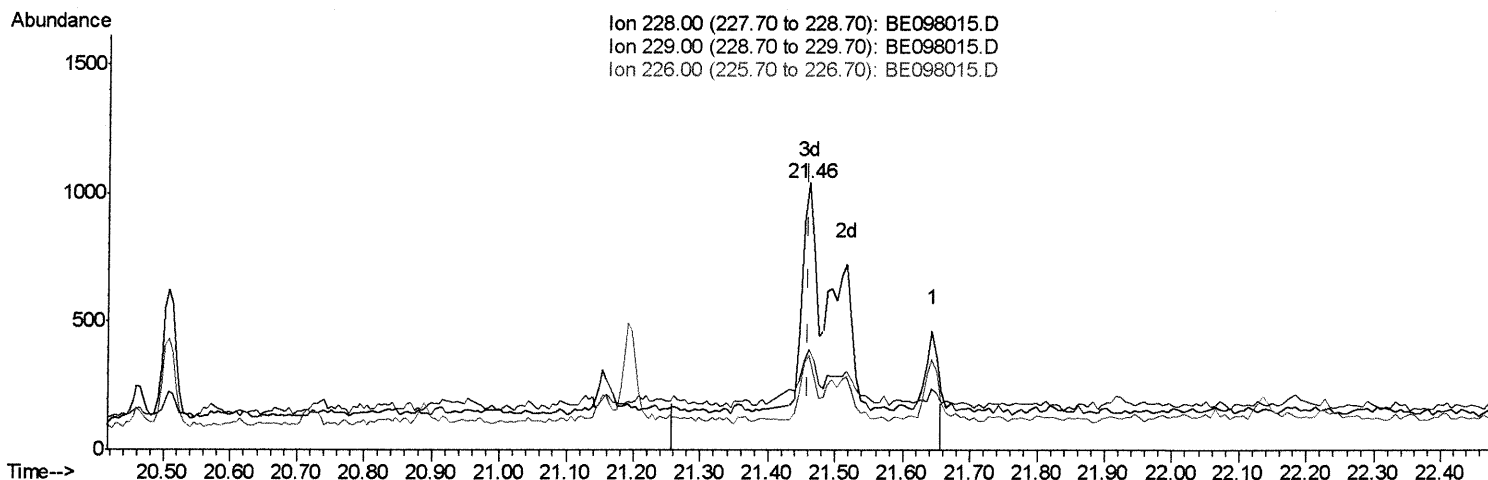
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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

21.460min (+0.001) 0.03ng/ul m

SJ 10/24/18

response 1301

Ion	Exp%	Act%
228.00	100	100
229.00	20.50	37.85#
226.00	26.90	35.45#
0.00	0.00	0.00

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

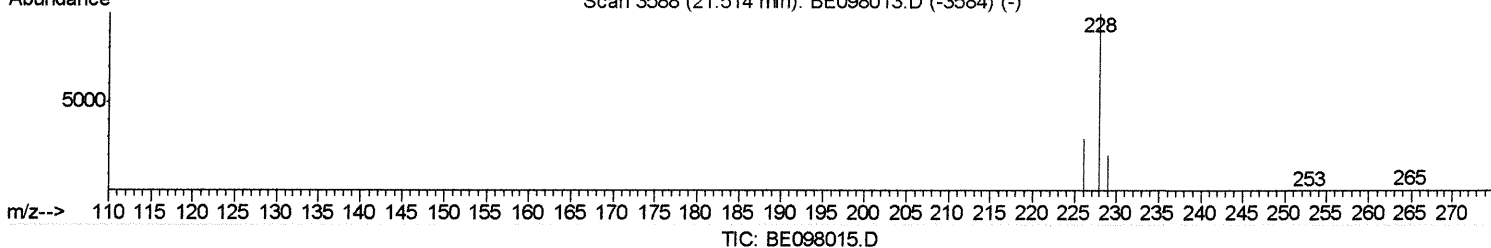
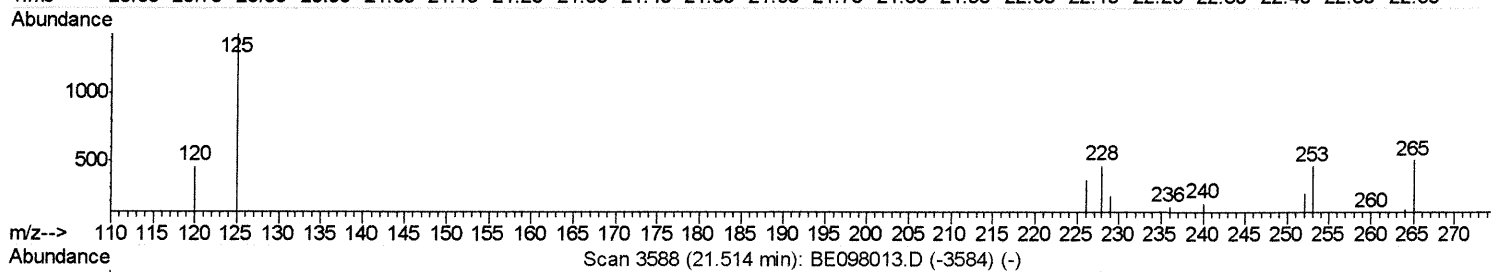
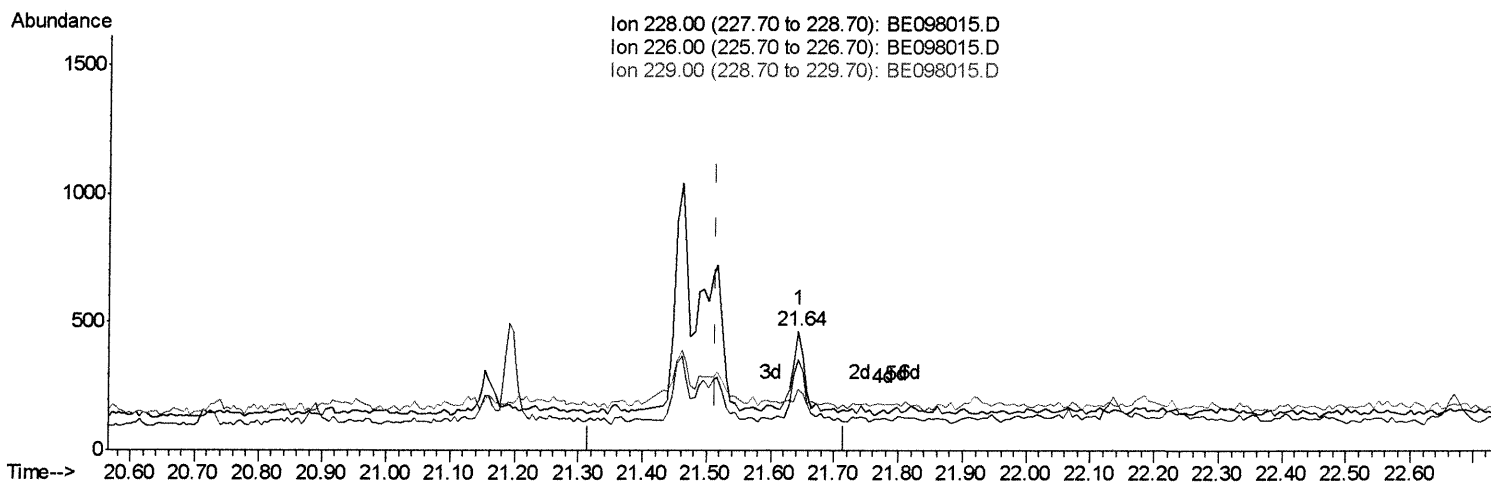
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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

21.642min (+0.128) 0.01ng/ul

response 465

Ion	Exp%	Act%
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228.00	100	100
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226.00	28.70	76.56#
--------	-------	--------

229.00	19.40	51.61#
--------	-------	--------

0.00	0.00	0.00
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Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (Qedit)

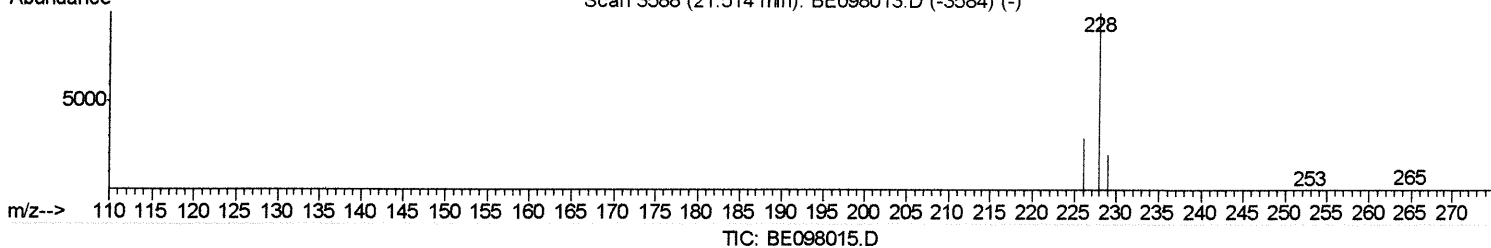
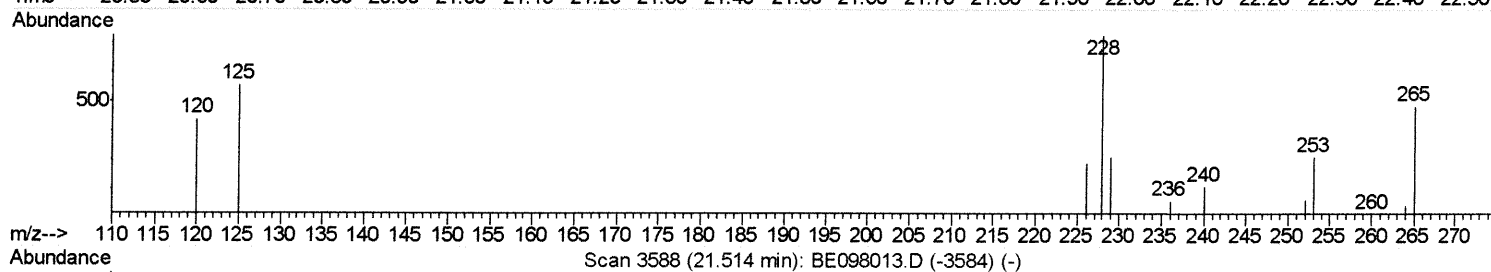
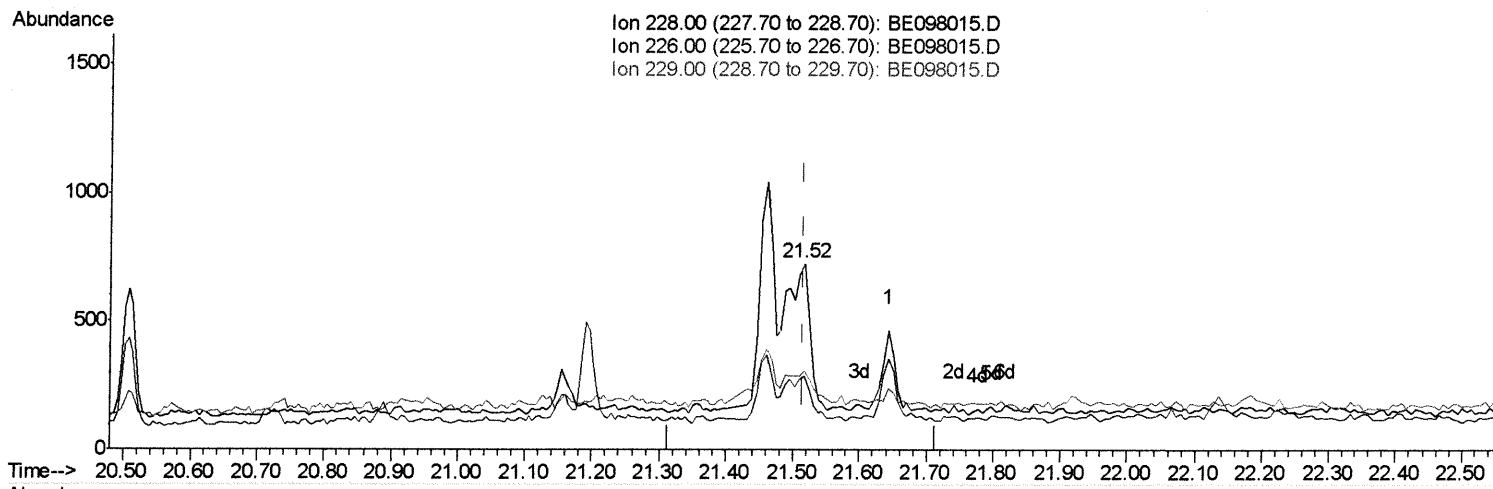
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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

21.516min (+0.001) 0.03ng/ul m

response 1312

Ion Exp% Act%

228.00 100 100

226.00 28.70 39.81#

229.00 19.40 42.56#

0.00 0.00 0.00

SJ 10/24/18

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

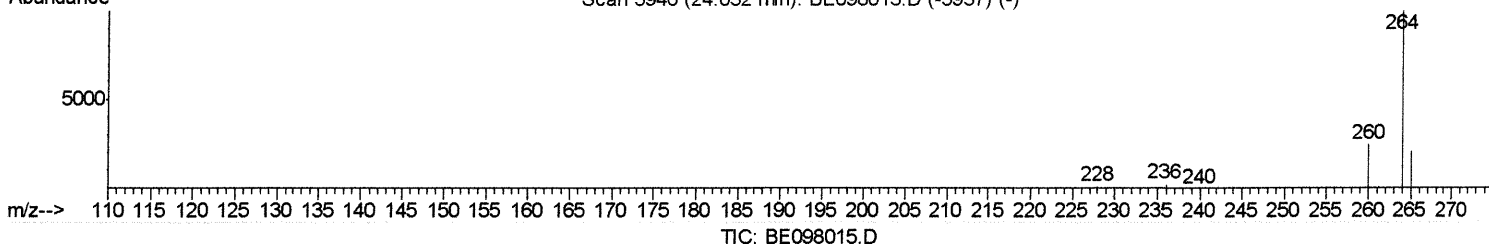
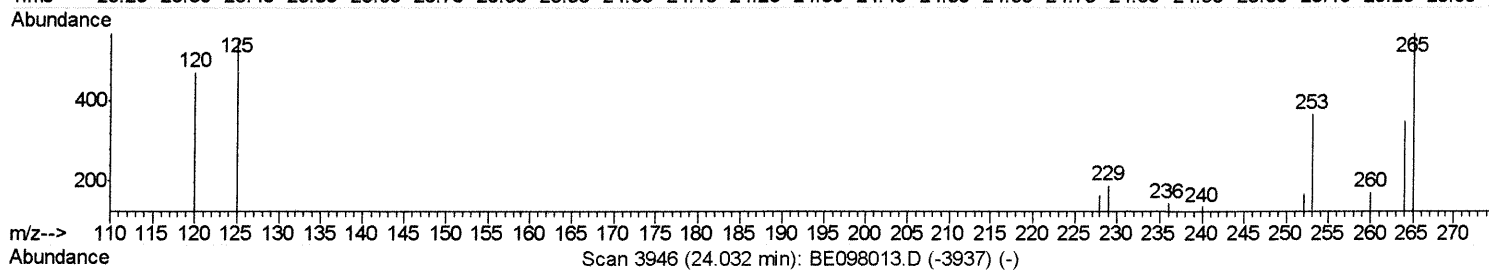
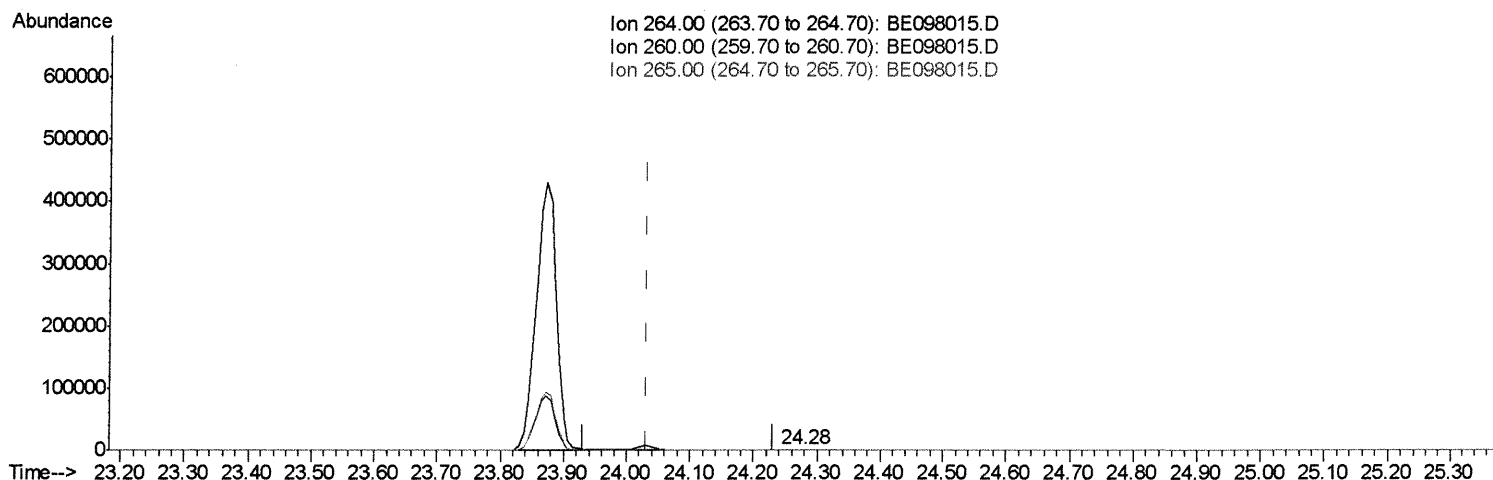
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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)

24.279min (+0.248) 0.40ng/ul

response 226

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	49.14#
265.00	26.90	162.93#
0.00	0.00	0.00

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

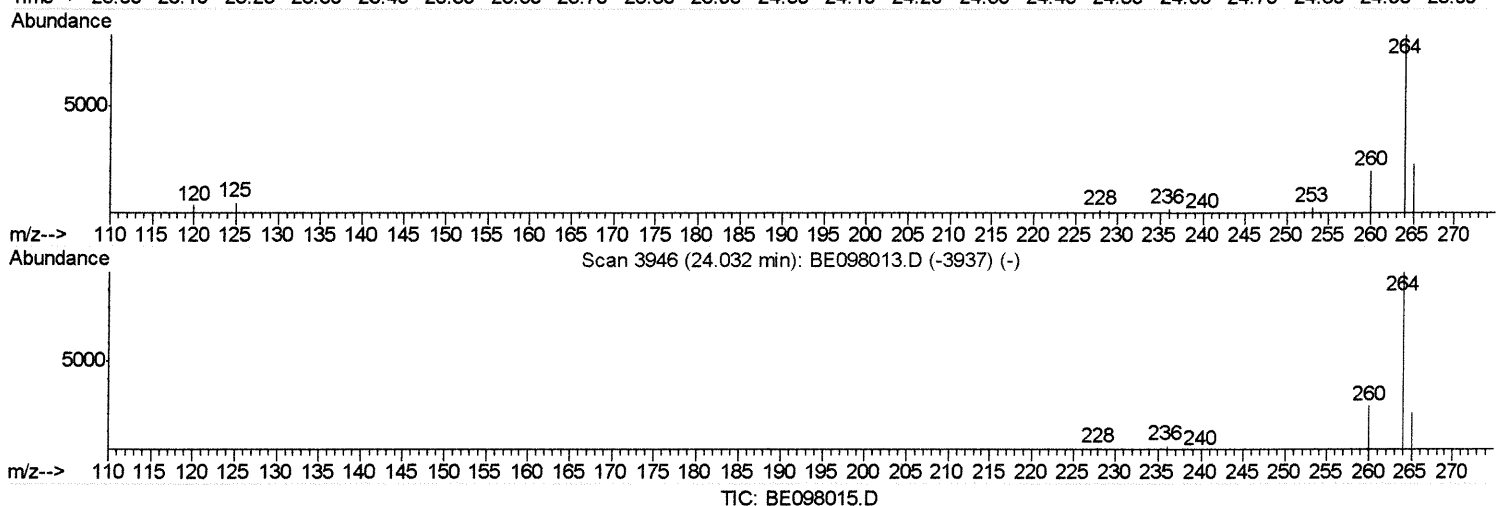
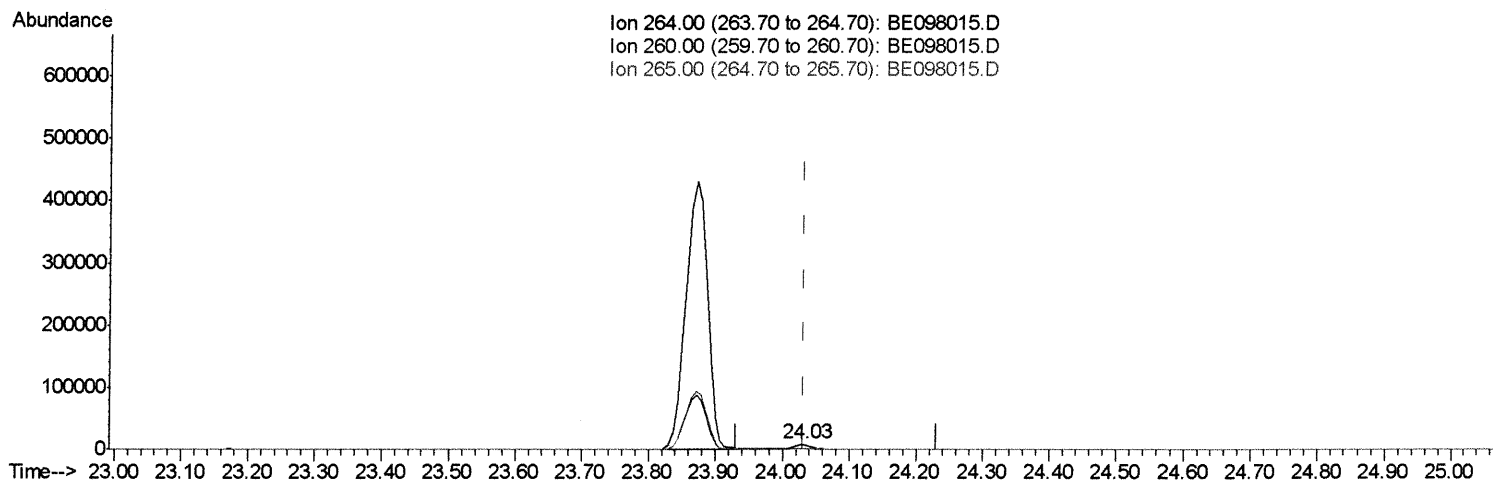
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:45:49 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)

24.033min (+0.001) 0.40ng/ul m

SJ 10/24/18

response 14966

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	24.70
265.00	26.90	28.53
0.00	0.00	0.00

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

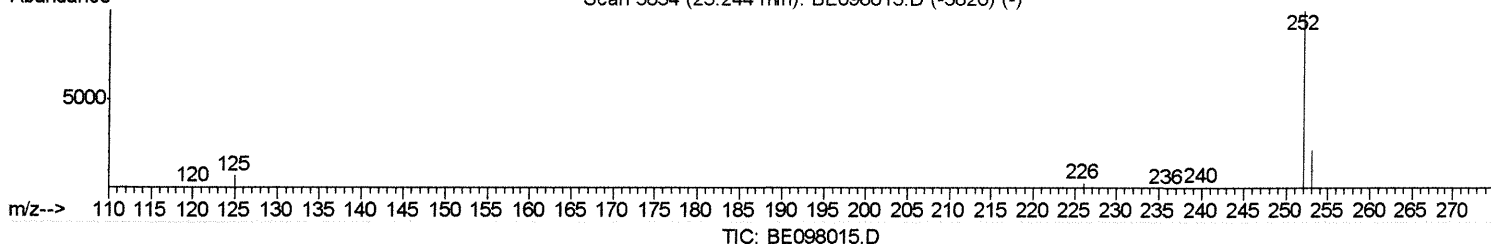
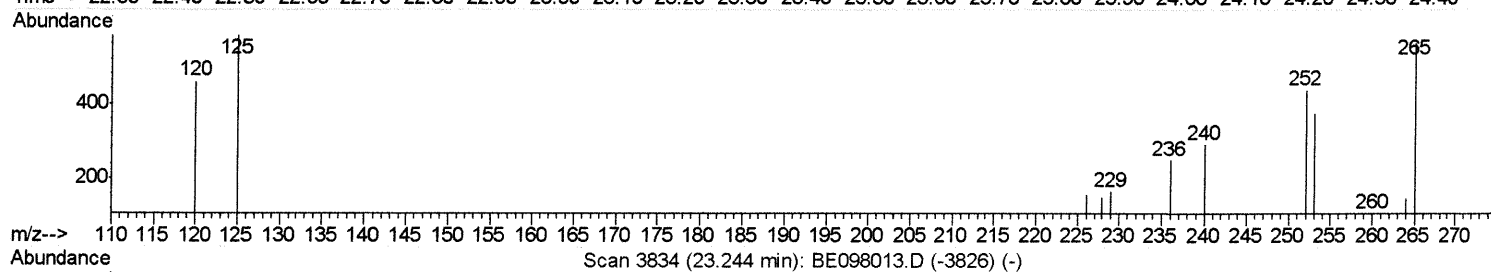
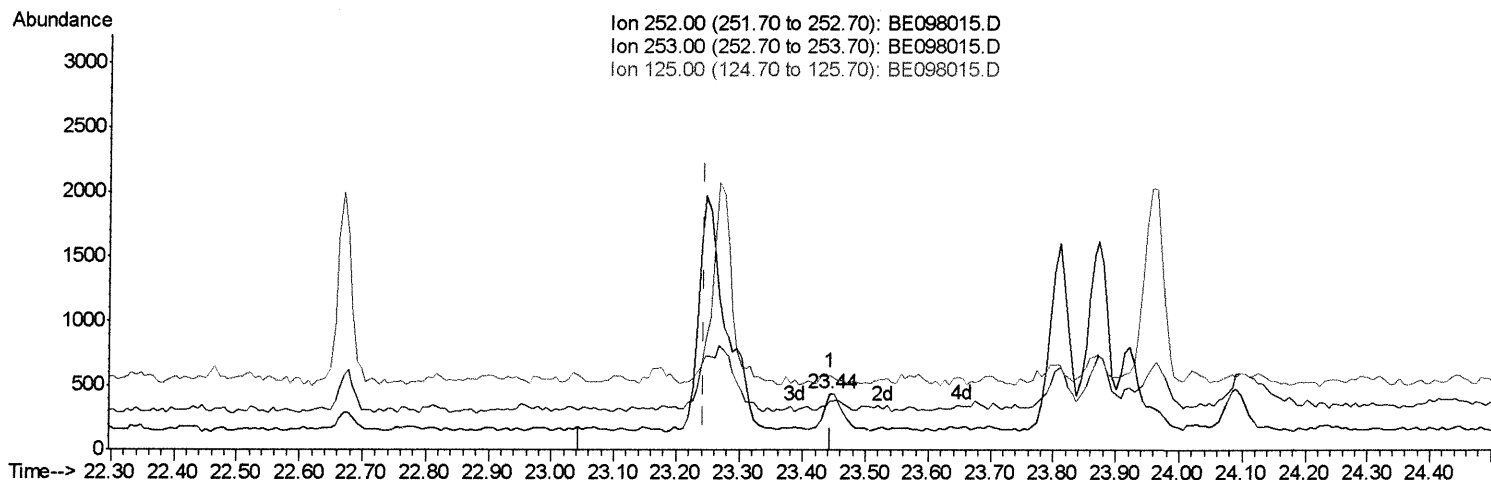
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:47:24 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

23.443min (+0.198) 0.01ng/ul

response 578

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	85.98#
125.00	9.10	133.56#
0.00	0.00	0.00

Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Sohil
10/23/2018 5:34:30 PM

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

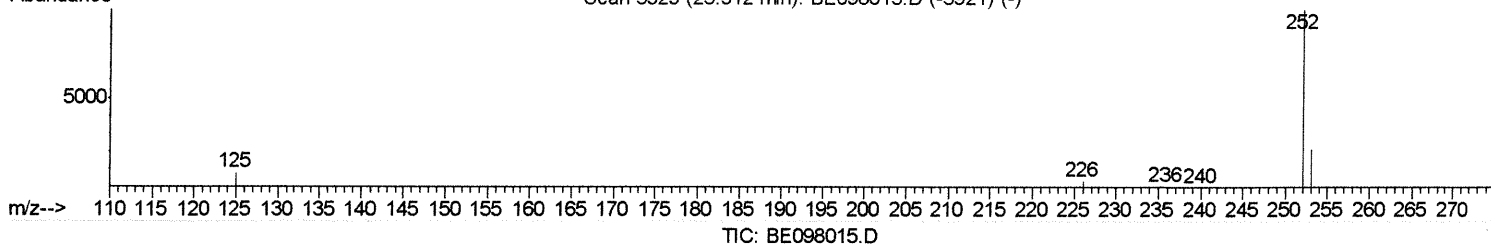
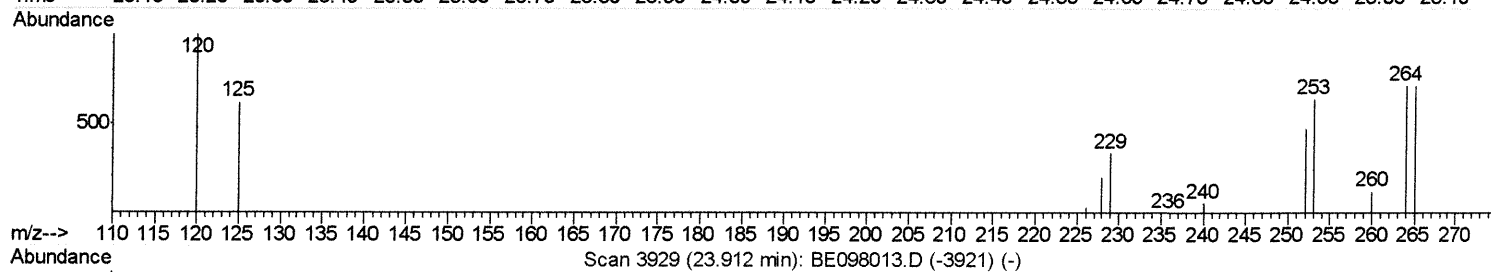
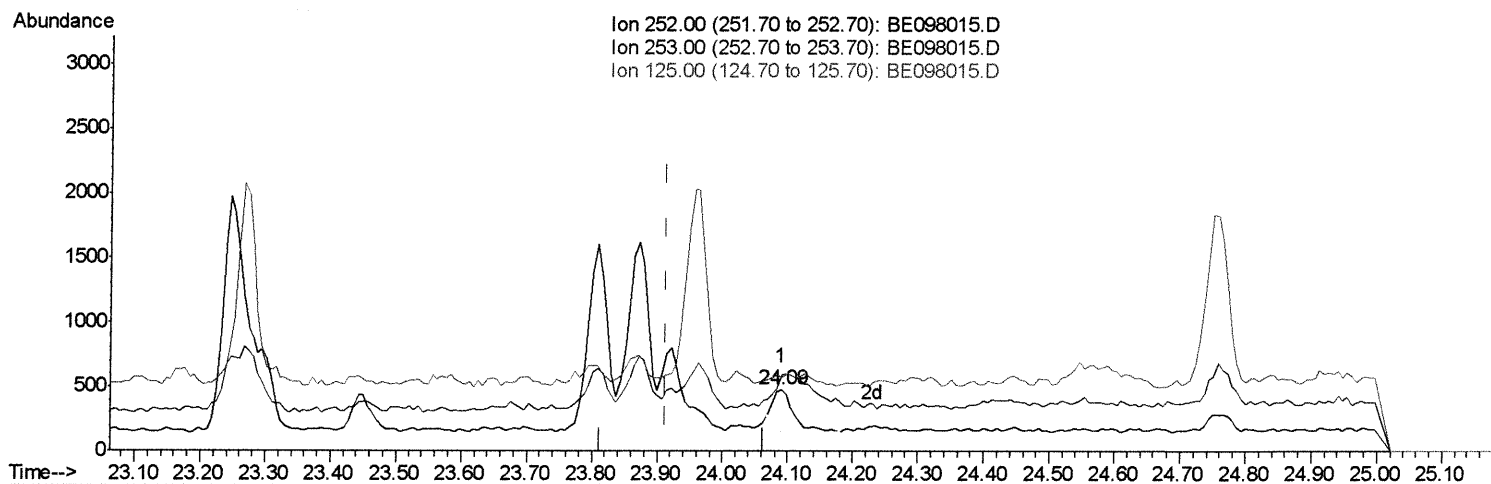
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:47:45 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



(23) Benzo(a)pyrene (C)

24.089min (+0.177) 0.02ng/ul

response 705

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	123.38#
125.00	10.40	120.46#
0.00	0.00	0.00

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

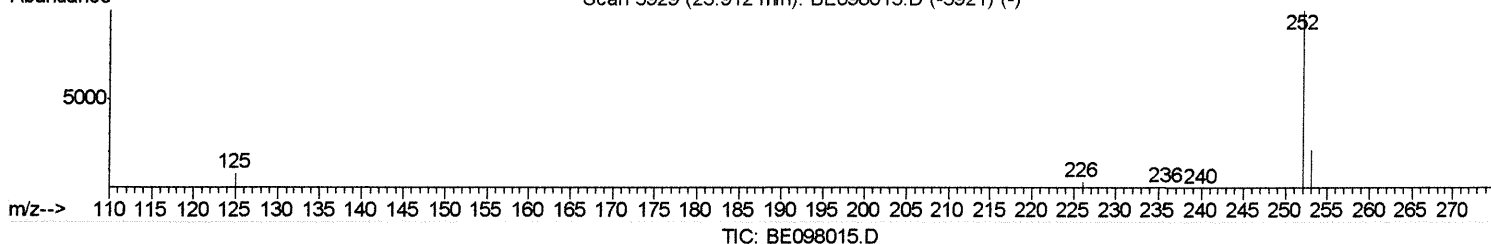
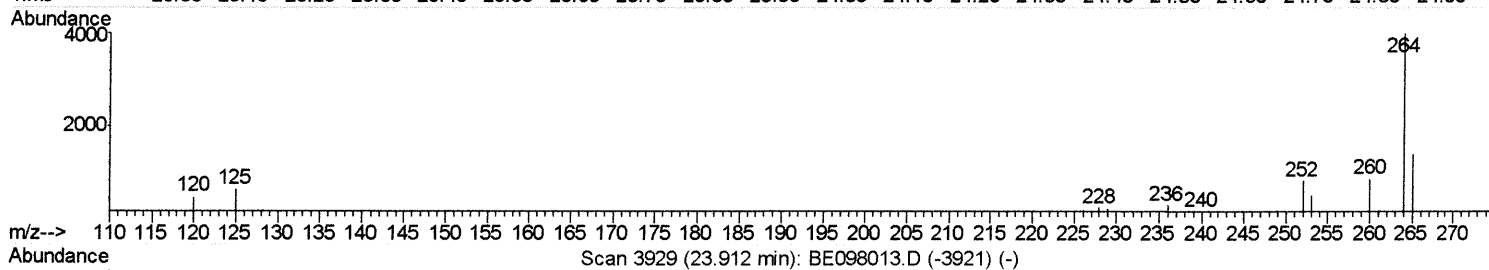
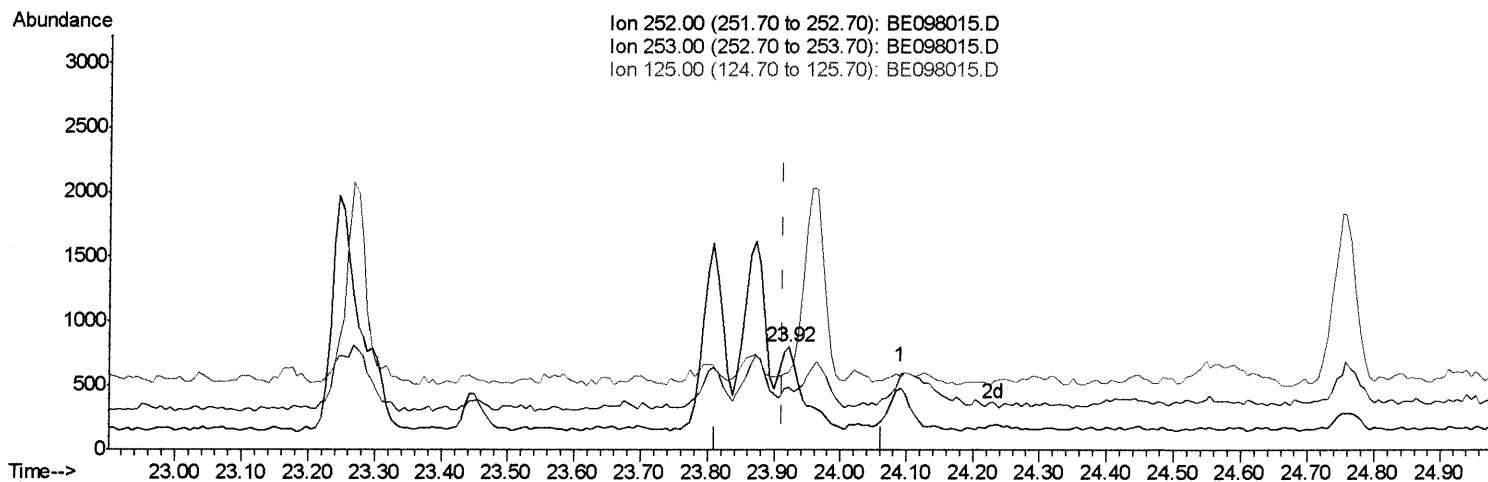
Data File : BE098015.D
Acq On : 22 Oct 2018 18:44
Operator : SJ/JU
Sample : J5567-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH9

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:47:45 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



(23) Benzo(a)pyrene (C)

23.921min (+0.008) 0.04ng/ul m

SS 10/24/18

response 1310

Ion	Exp%	Act%
252.00	100	100
253.00	22.80	61.28#
125.00	10.40	76.07#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (QT Reviewed)
 Data File : BE098015.D
 Acq On : 22 Oct 2018 18:44
 Operator : SJ/JU
 Sample : J5567-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH9

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:30 PM

Quant Time: Oct 23 02:48:55 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	8701	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6369	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	14814m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	16418m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	14966m	0.40	ng/ul	0.00

} SJ 10/24/18

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	4441	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	13111m	0.27	ng/ul	0.00

} SJ 10/24/18

Target Compounds	R.T.	QIon	Response	Qvalue	Conc	Units
15) Fluoranthene	19.36	202	1548m	0.033	ng/ul	
18) Benzo(a)anthracene	21.46	228	1301m	0.029	ng/ul	
19) Chrysene	21.52	228	1312m	0.030	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	4582m	0.118	ng/ul	
23) Benzo(a)pyrene	23.92	252	1310m	0.037	ng/ul	

} SJ 10/24/18

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