

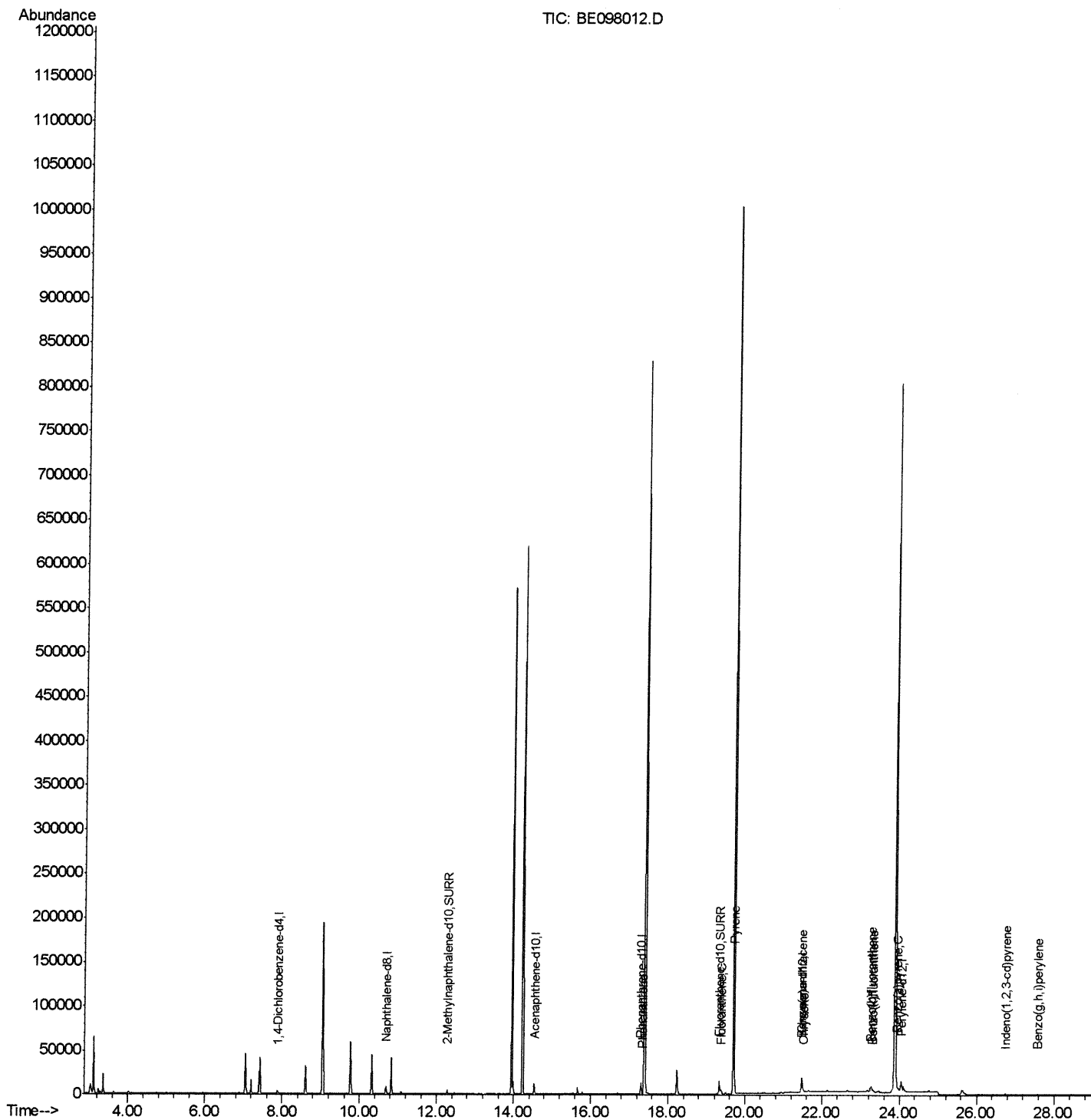
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
Quantitation Report (QT Reviewed)
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:48 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 01:24:18 2018
Response via : Initial Calibration



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

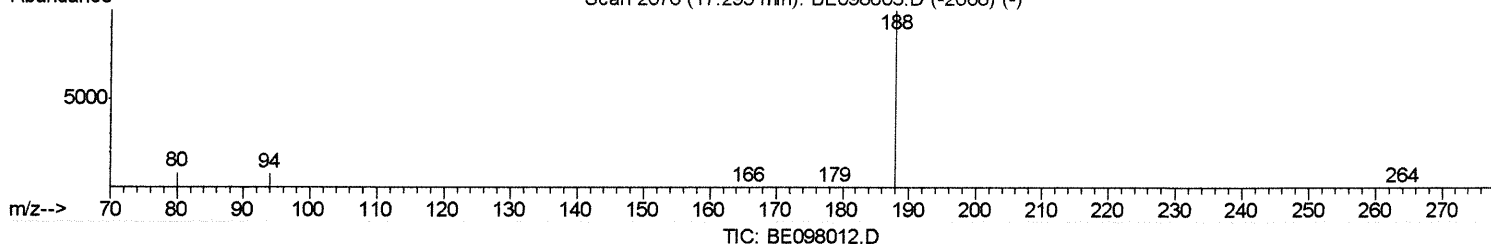
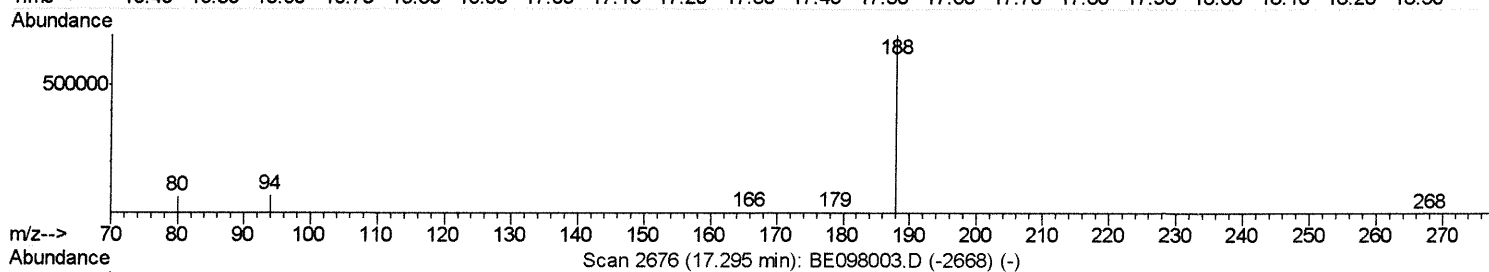
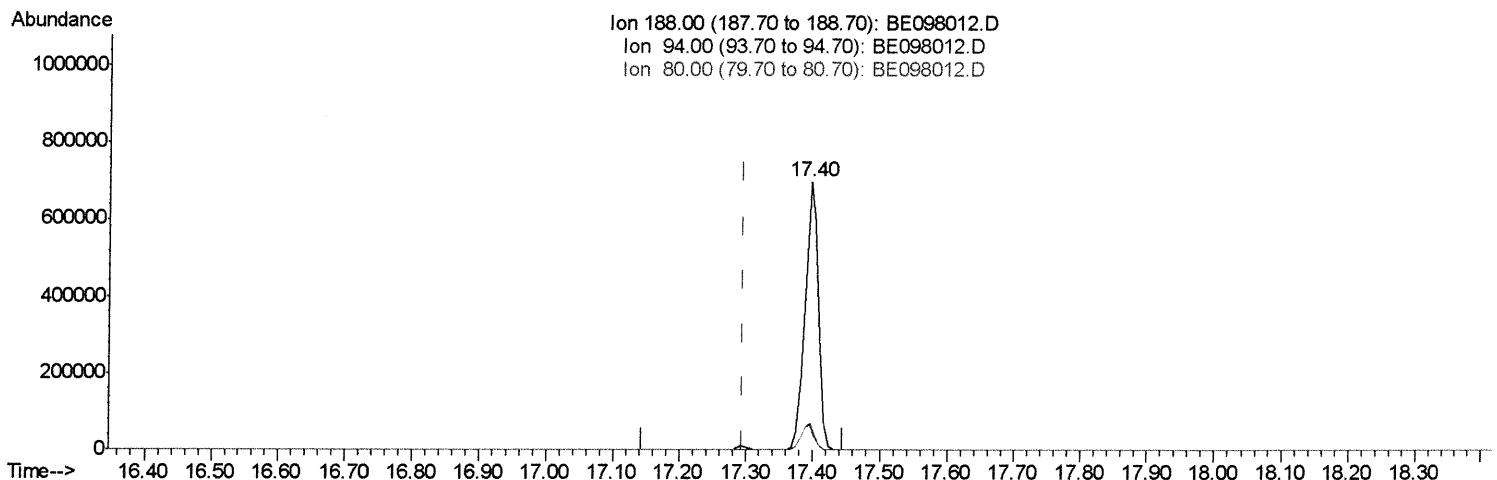
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 01:28:04 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 01:24:18 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.395min (+0.100) 0.40ng/ul
response 987170

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	9.82
80.00	9.30	9.04
0.00	0.00	0.00

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

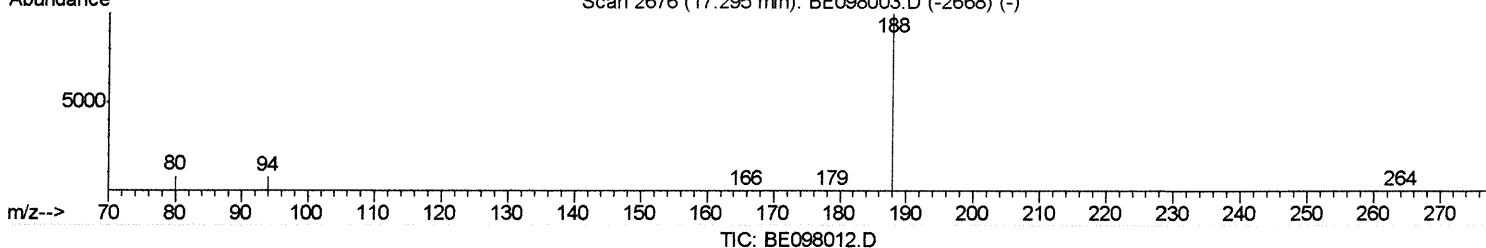
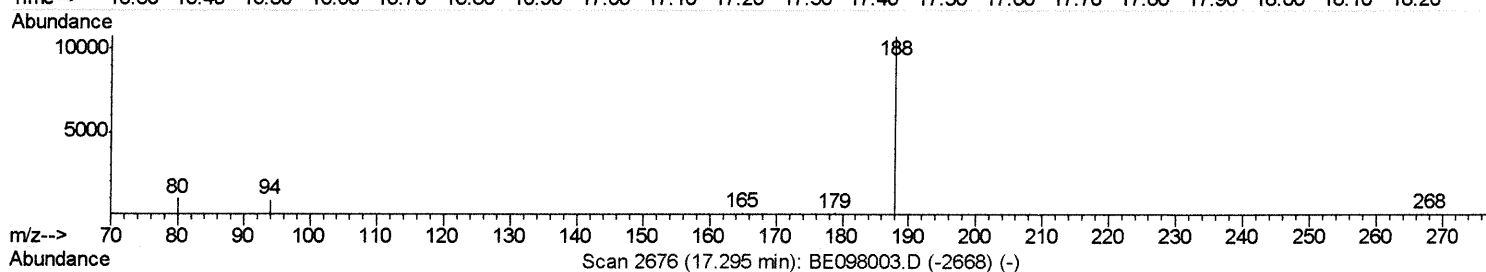
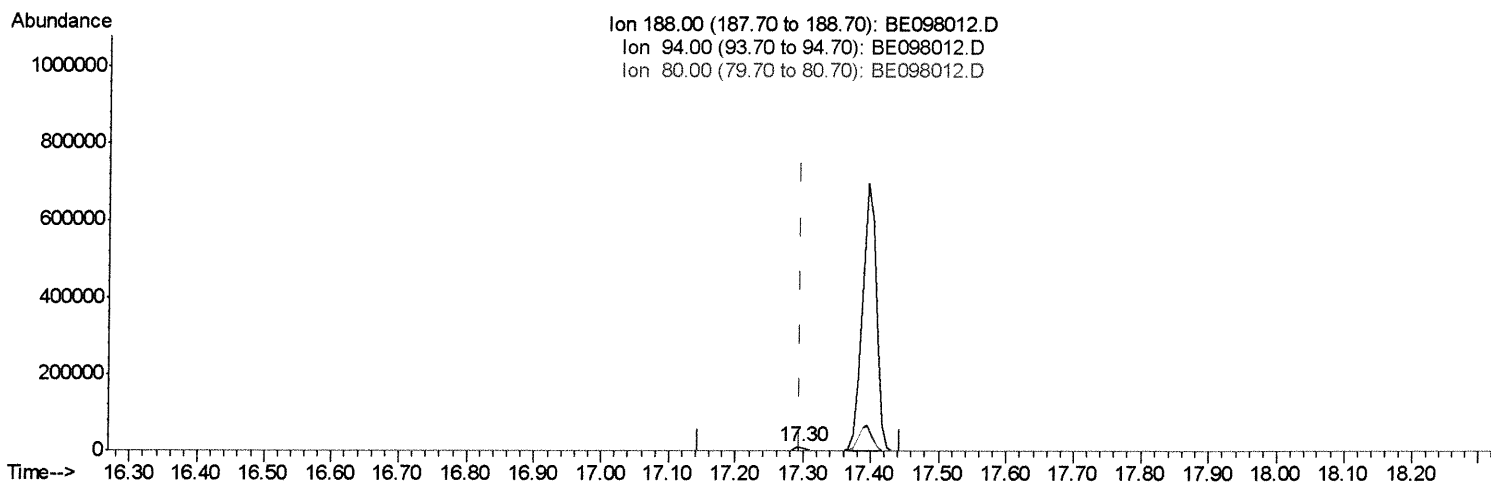
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 01:28:04 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 01:24:18 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.297min (+0.001) 0.40ng/ul m

SJ 10/24/18

response 14845

Ion	Exp%	Act%
188.00	100	100
94.00	8.60	8.03
80.00	9.30	9.24
0.00	0.00	0.00

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

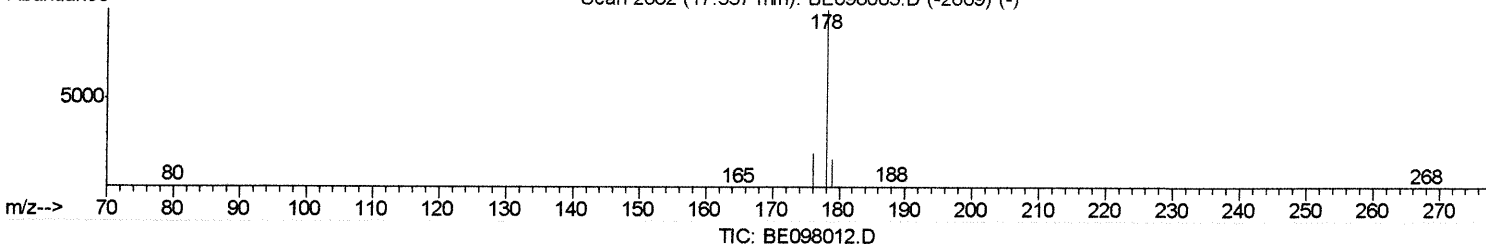
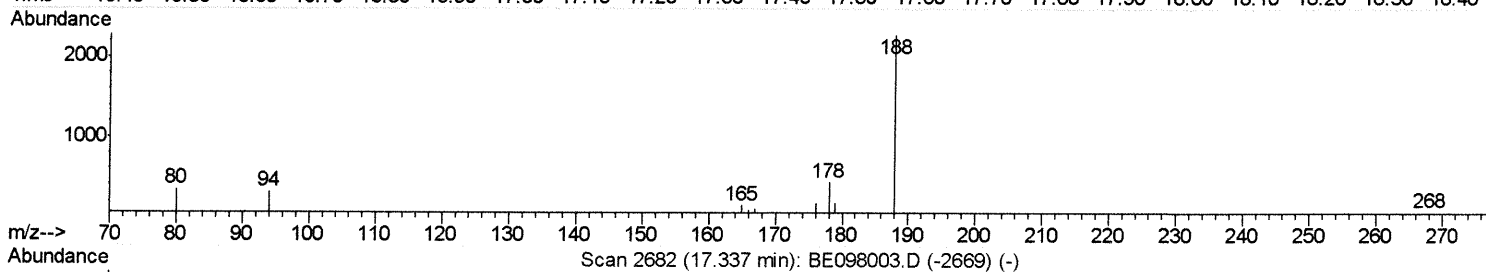
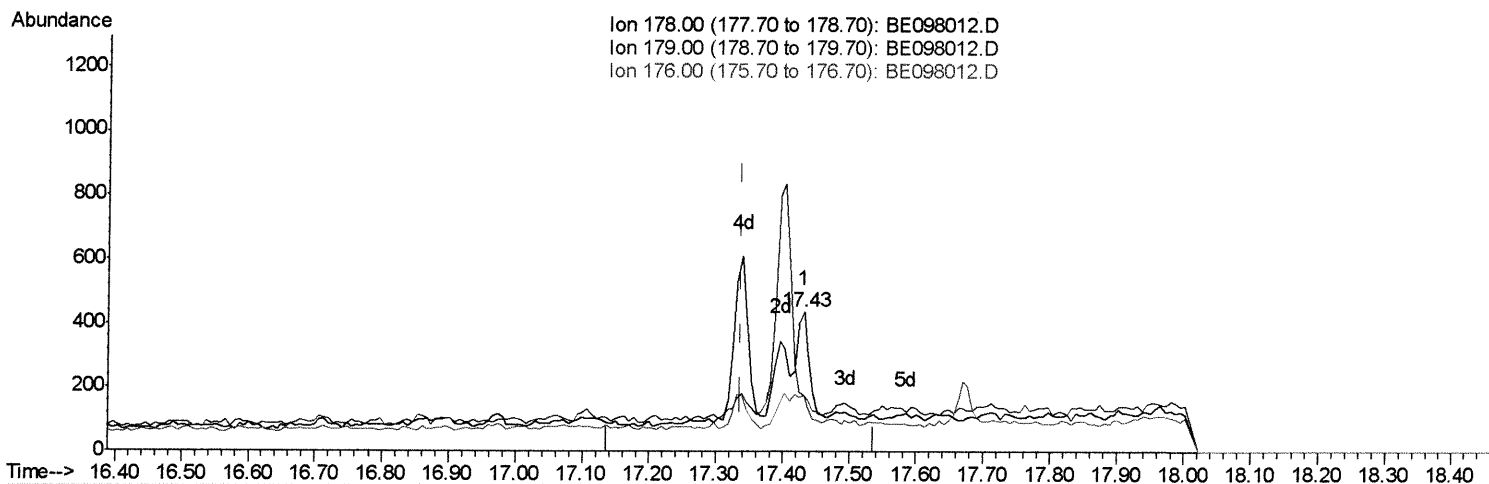
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:22:47 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 01:24:18 2018
Response via : Initial Calibration



(12) Phenanthrene

17.430min (+0.093) 0.01ng/ul

response 495

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	40.14#
176.00	18.60	39.68#
0.00	0.00	0.00

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

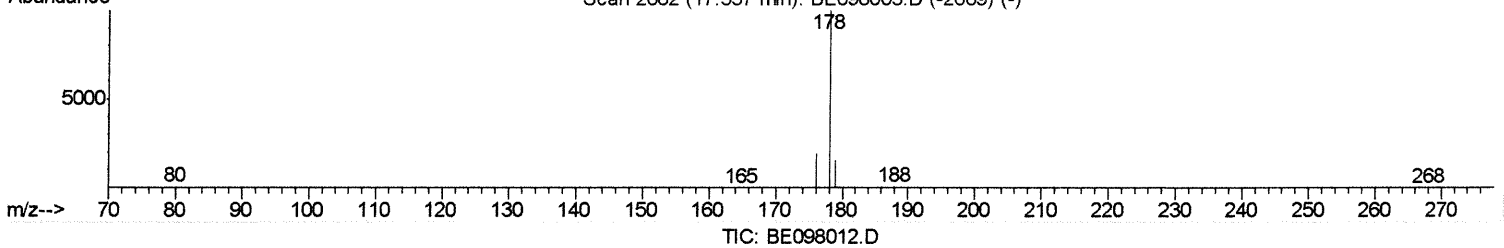
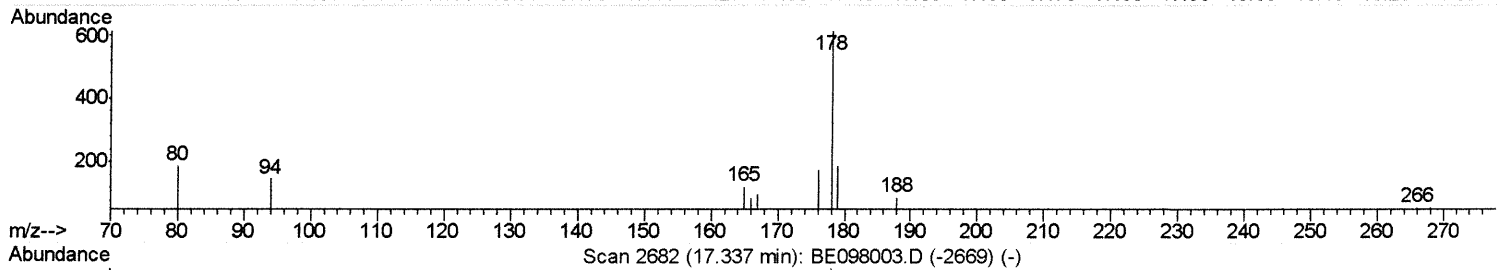
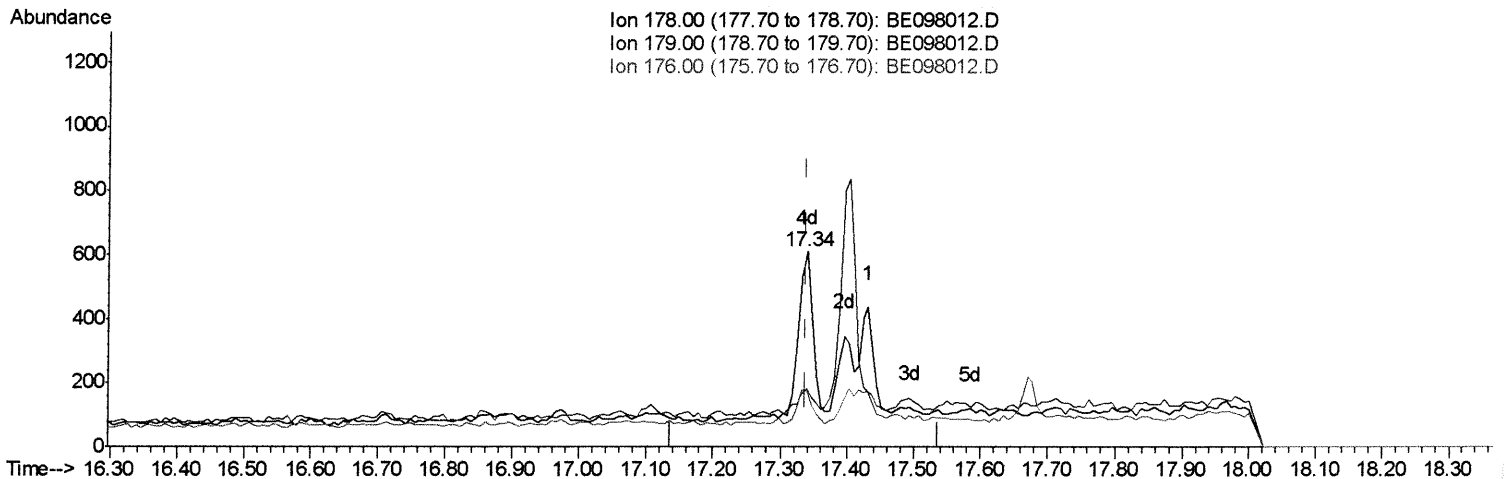
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:22:47 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 01:24:18 2018
Response via : Initial Calibration



(12) Phenanthrene

17.339min (+0.001) 0.02ng/ul m

SJ 10/24/18

response 764

Ion	Exp%	Act%
178.00	100	100
179.00	16.00	30.16#
176.00	18.60	28.69#
0.00	0.00	0.00

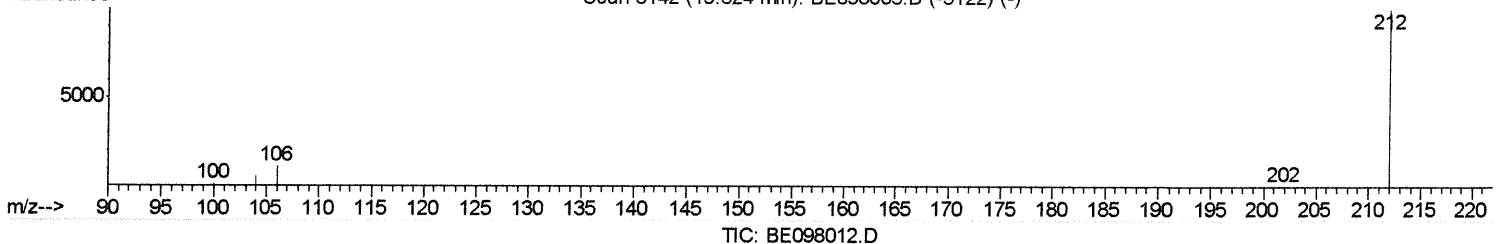
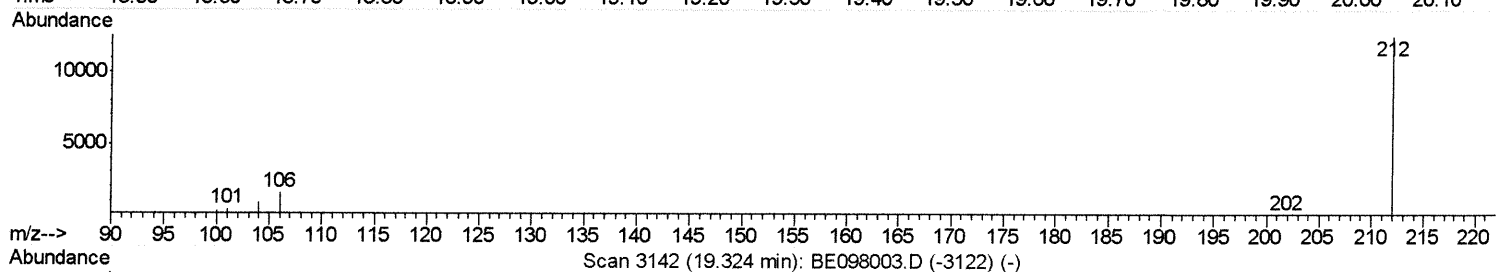
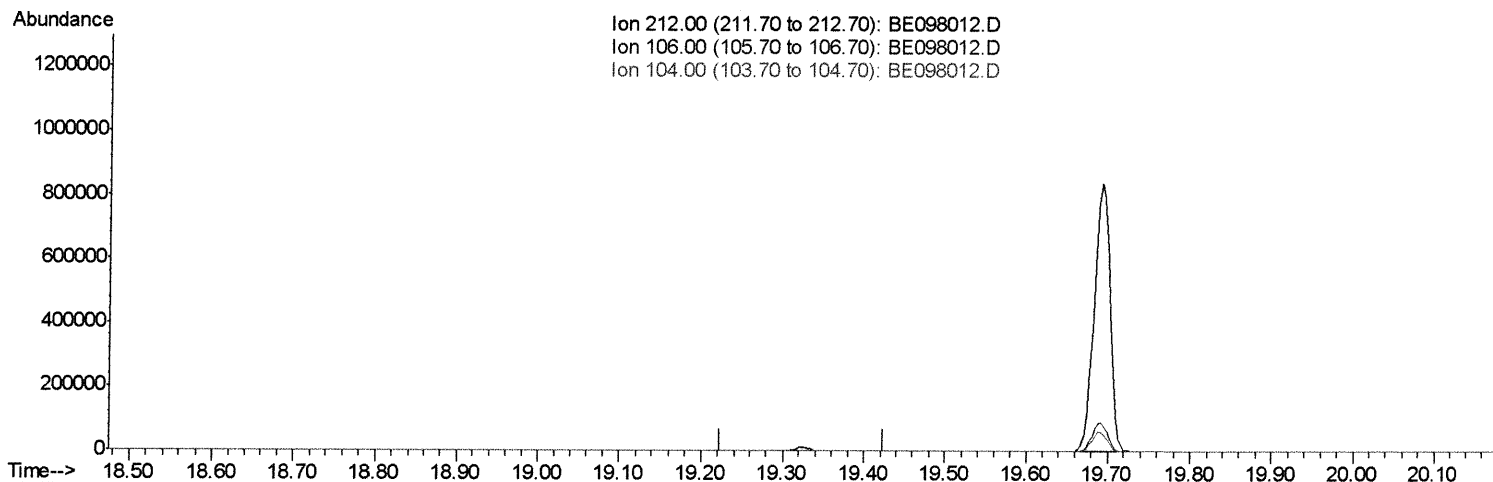
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (Qedit)
 Data File : BE098012.D
 Acq On : 22 Oct 2018 16:16
 Operator : SJ/JU
 Sample : J5567-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH8

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.324min (-19.324) 0.00ng/ui

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)

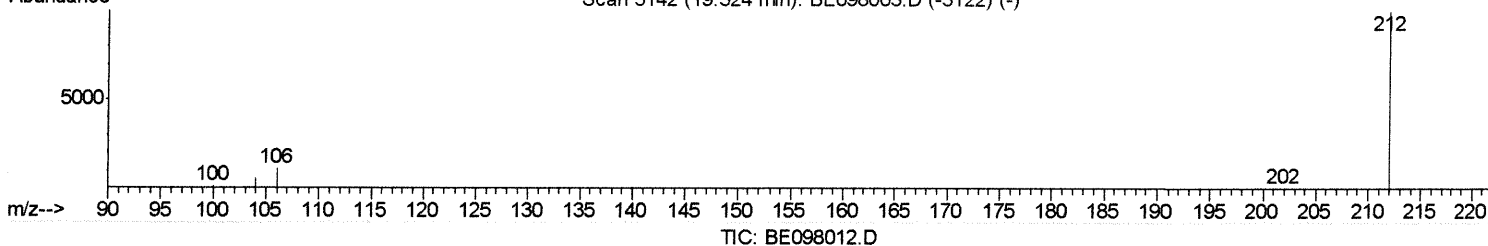
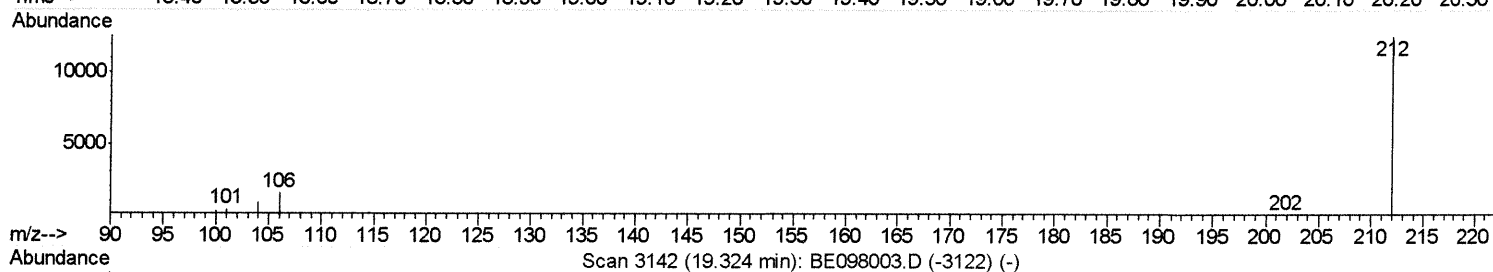
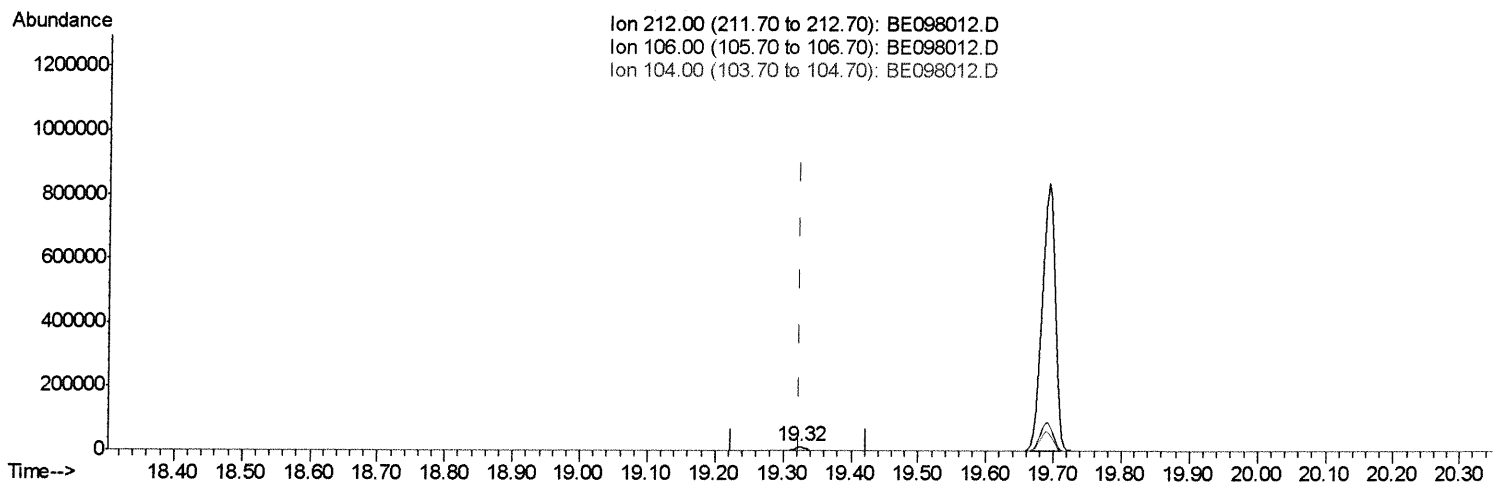
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.324min (+0.000) 0.34ng/ul m

SJ 10/24/18

response 16647

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

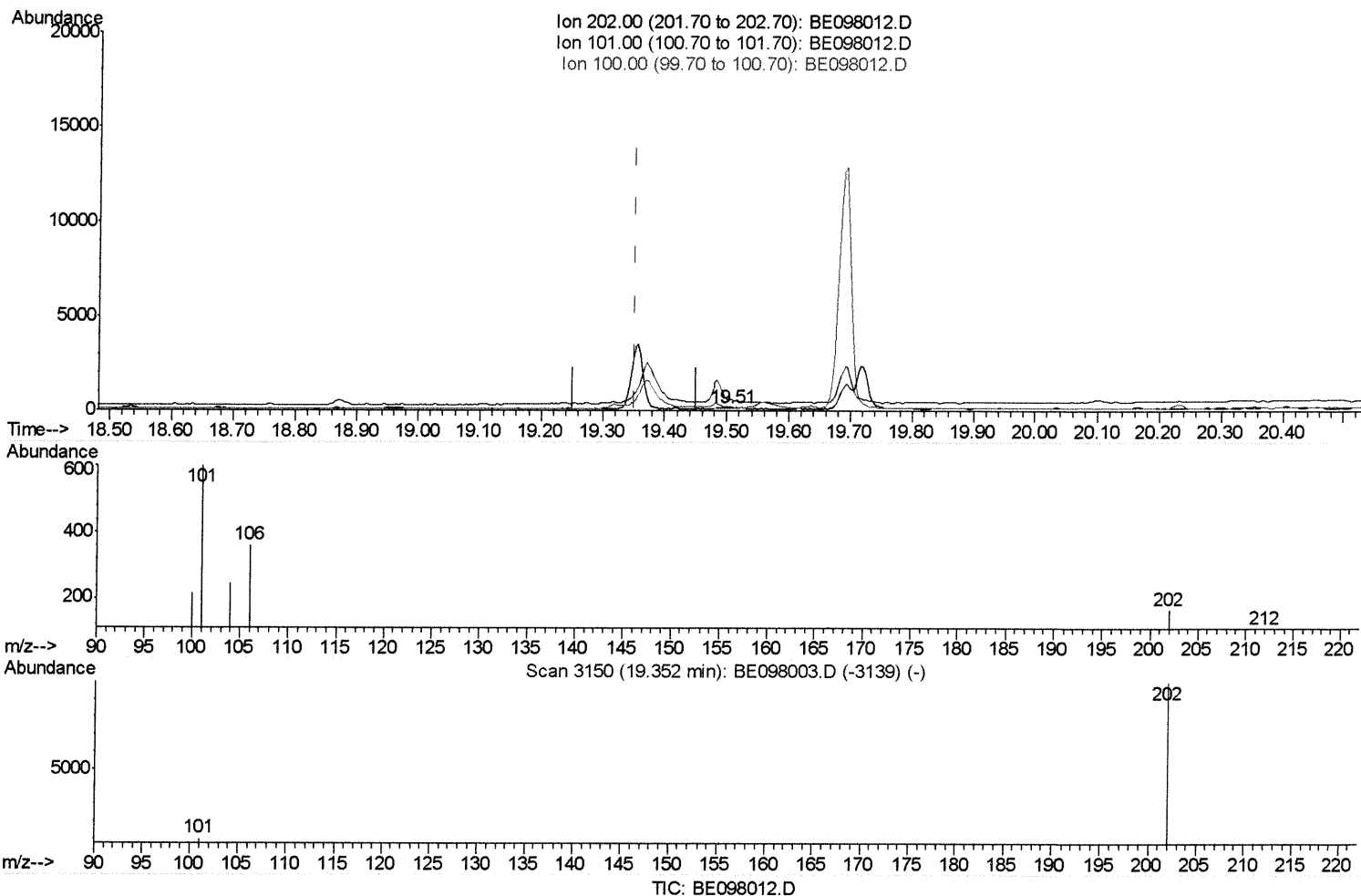
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (Qedit)
 Data File : BE098012.D
 Acq On : 22 Oct 2018 16:16
 Operator : SJ/JU
 Sample : J5567-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH8

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.506min (+0.153) 0.00ng/ul

response 61

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	359.88#
100.00	7.50	128.74#
0.00	0.00	0.00

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

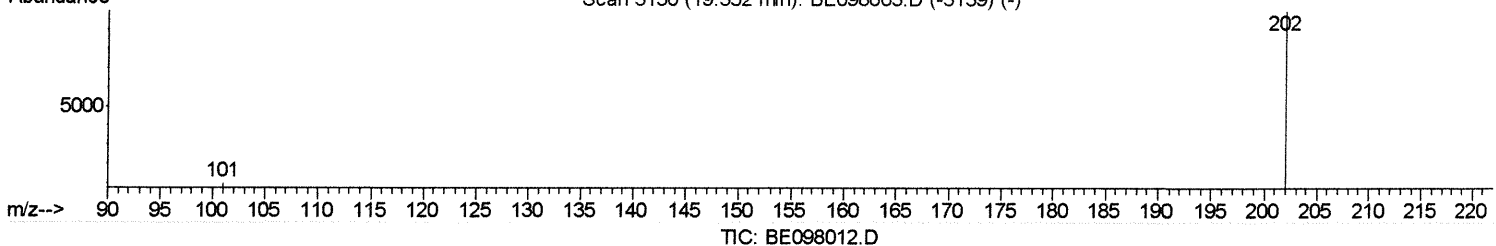
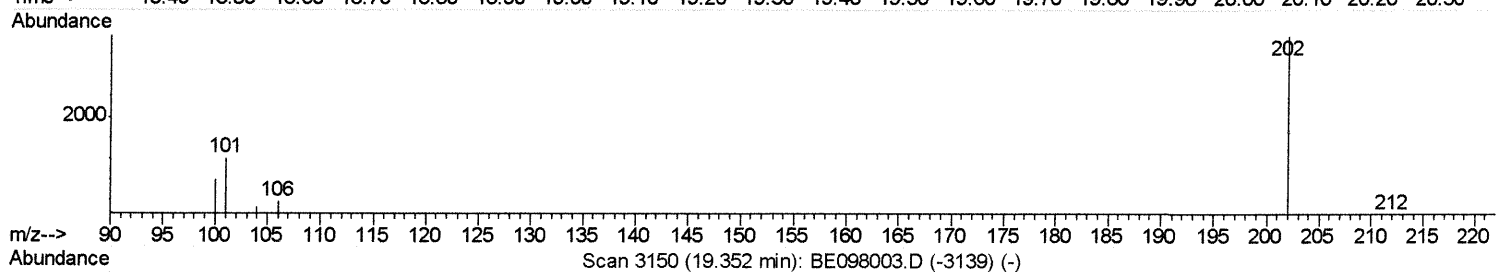
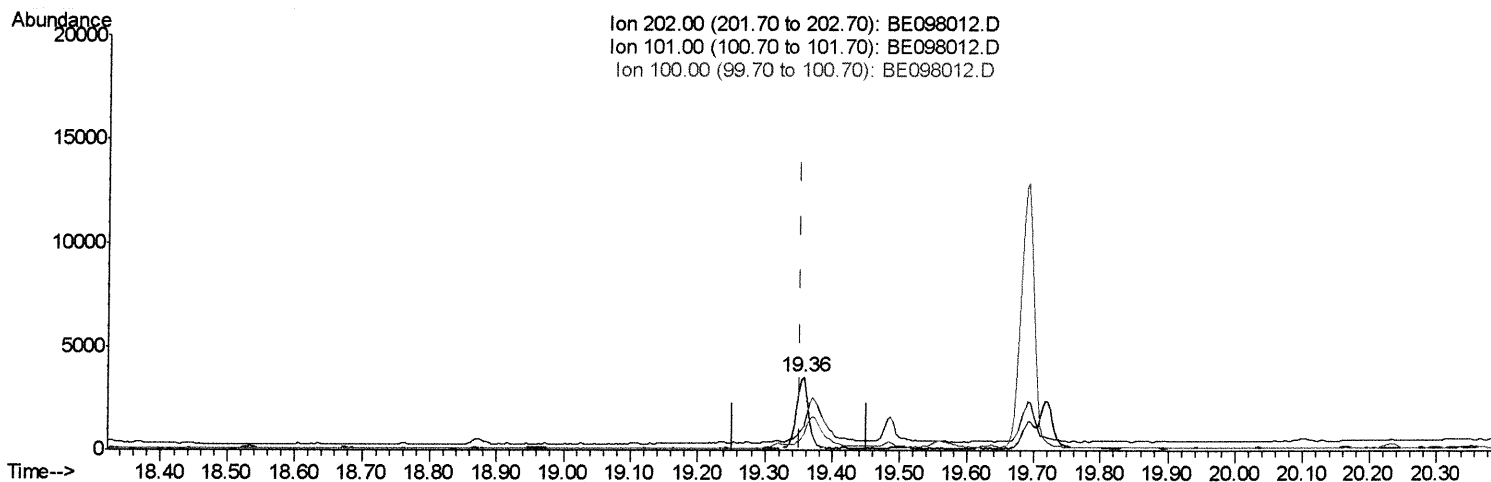
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.356min (+0.004) 0.10ng/ul m

SJ 10/24/18

response 4500

Ion	Exp%	Act%
202.00	100	100
101.00	9.30	33.93#
100.00	7.50	22.45
0.00	0.00	0.00

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

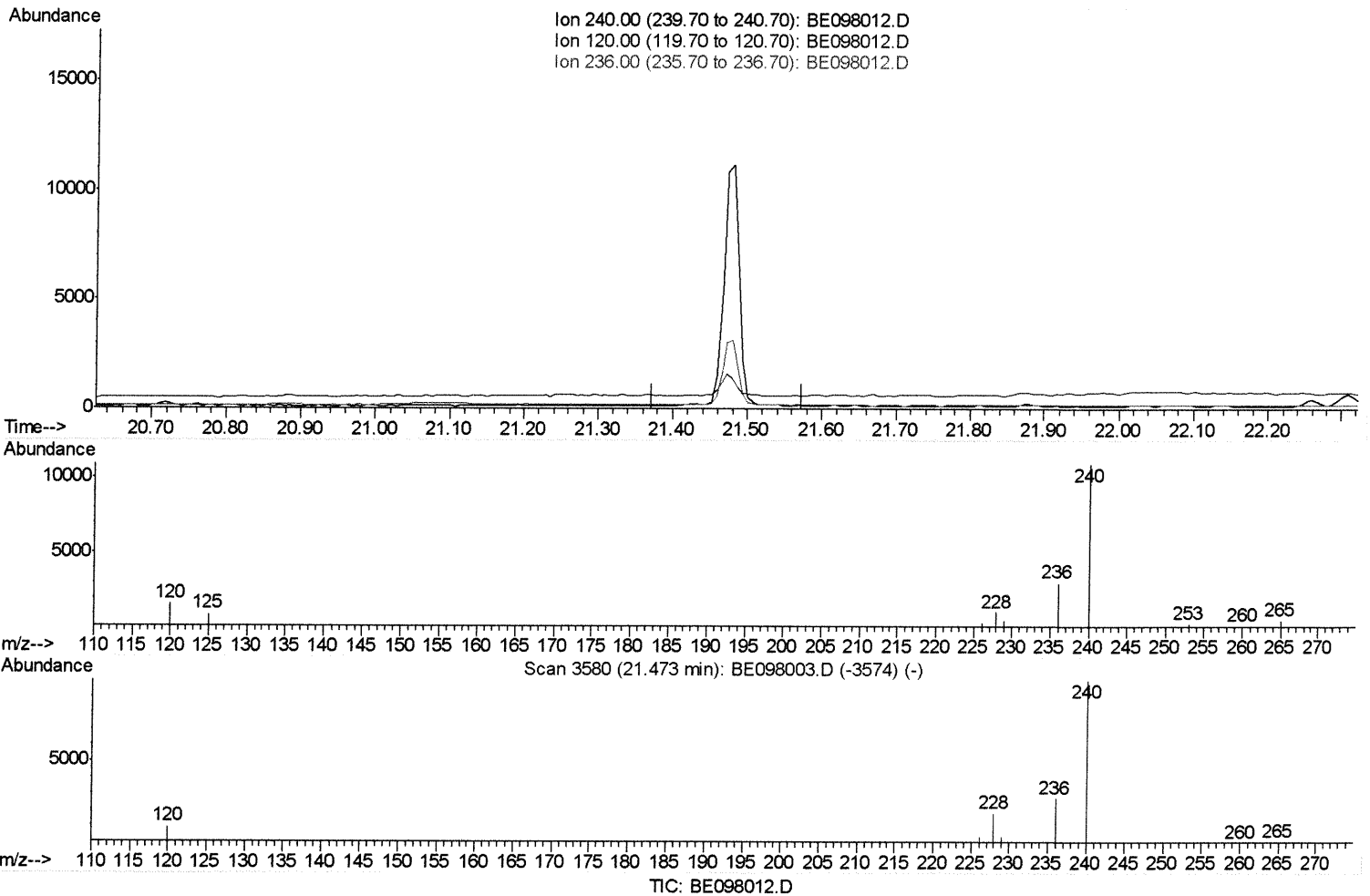
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.473min (-21.473) 0.00ng/ul

response 0

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

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

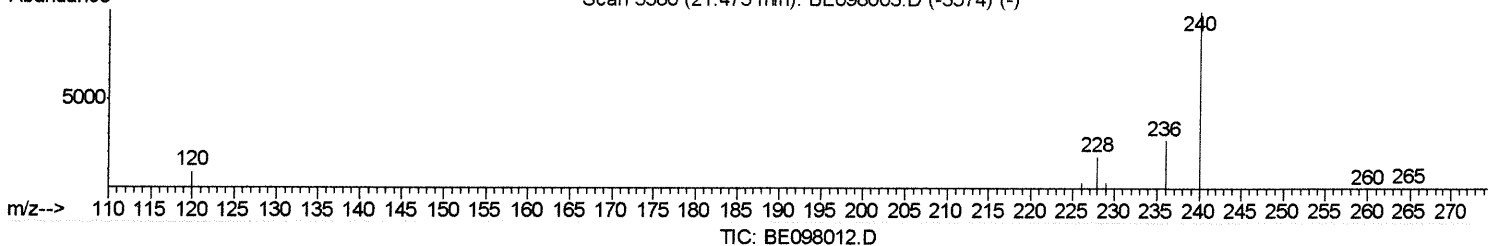
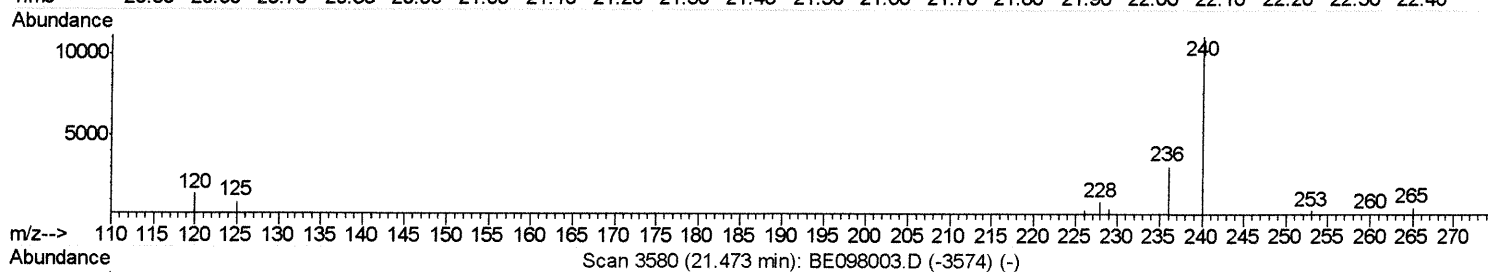
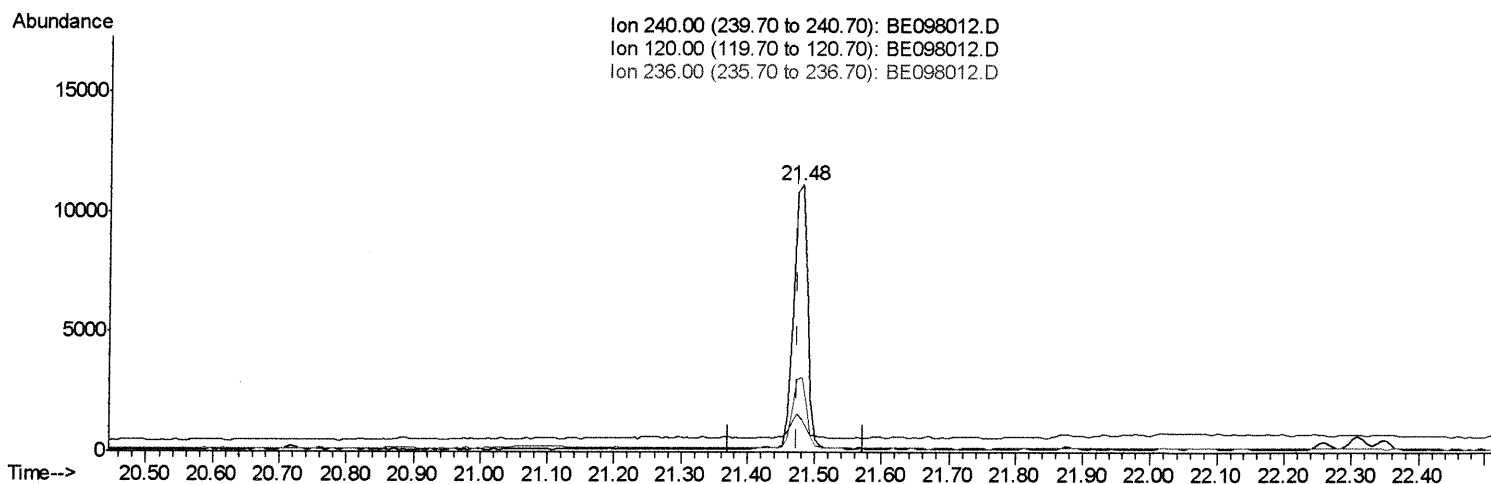
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:23:52 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 01:24:18 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.479min (+0.006) 0.40ng/ul m

response 15833

Ion	Exp%	Act%
240.00	100	100
120.00	10.70	12.21
236.00	27.00	28.08
0.00	0.00	0.00

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

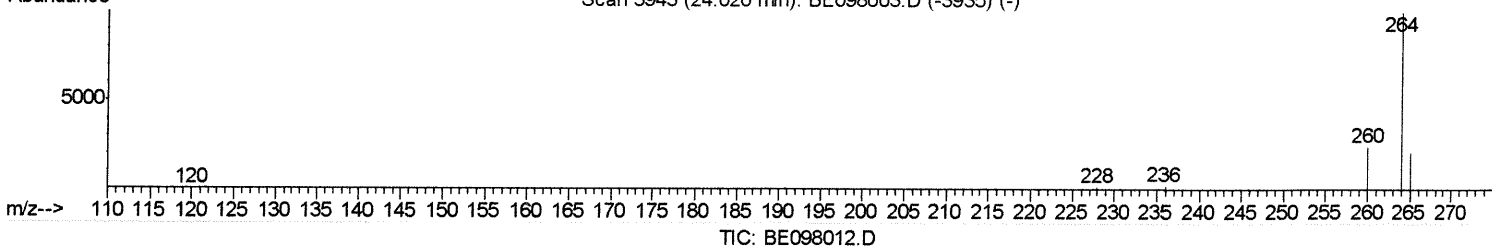
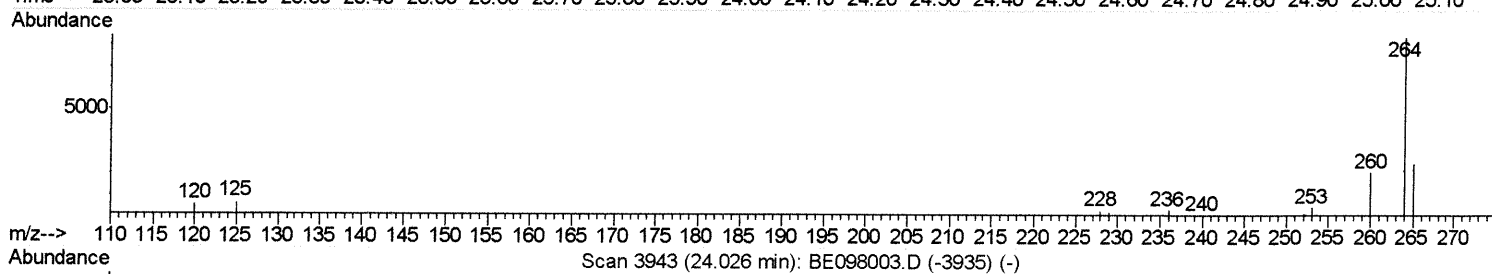
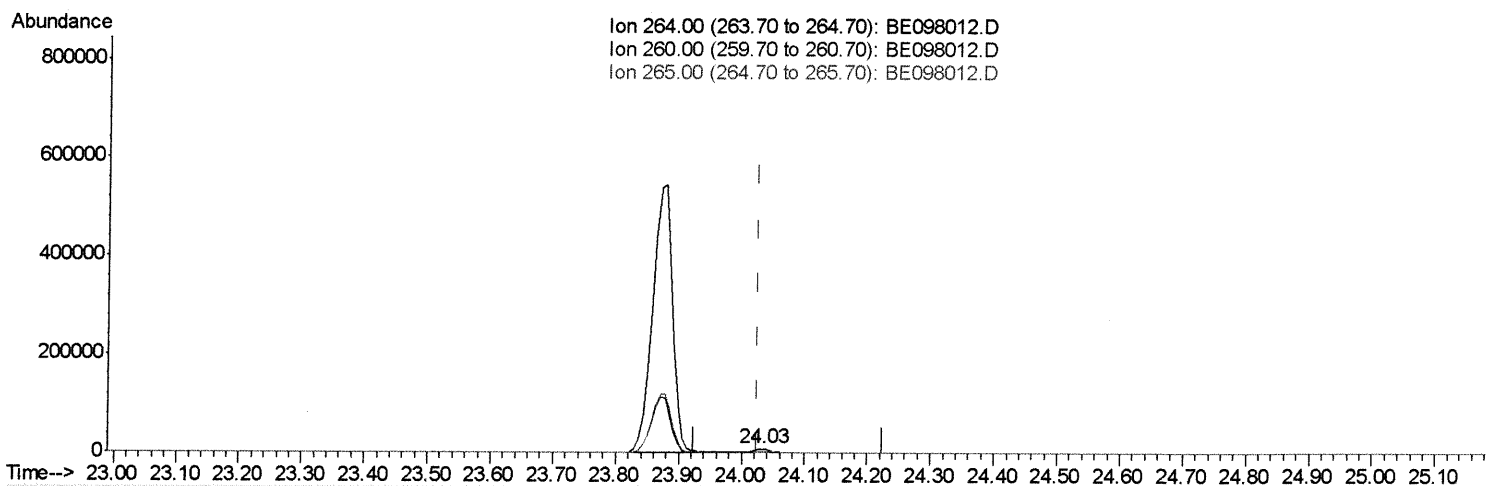
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:25:26 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 01:24:18 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.032min (+0.006) 0.40ng/ul

response 19389

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	25.17
265.00	26.90	29.81
0.00	0.00	0.00

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

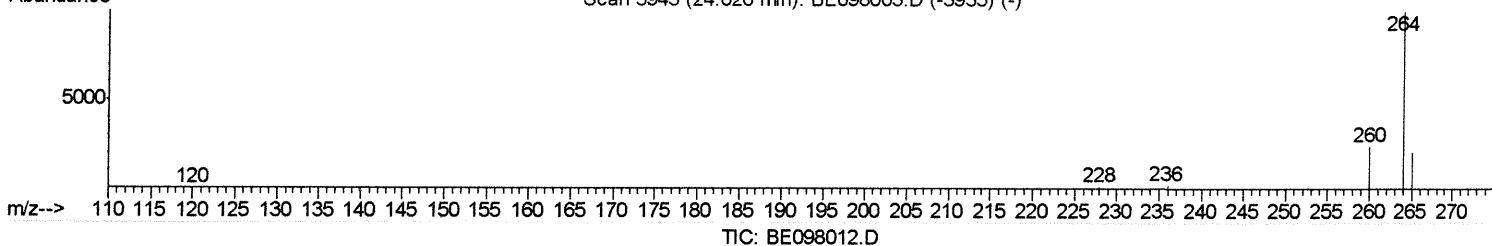
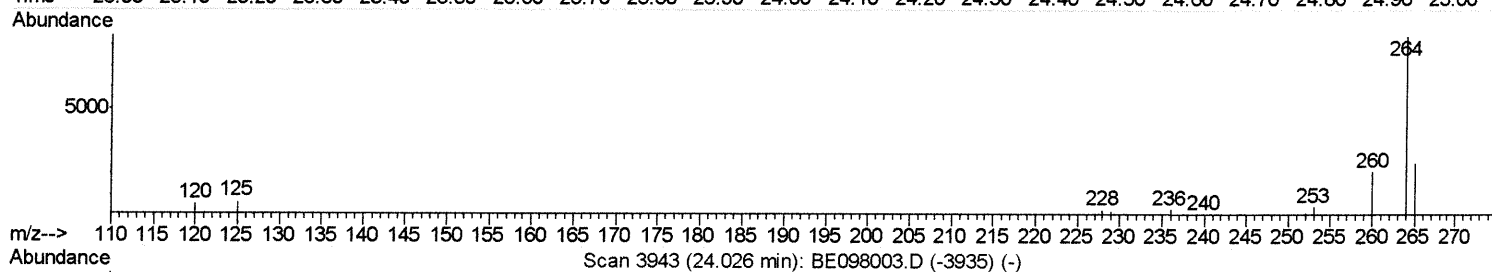
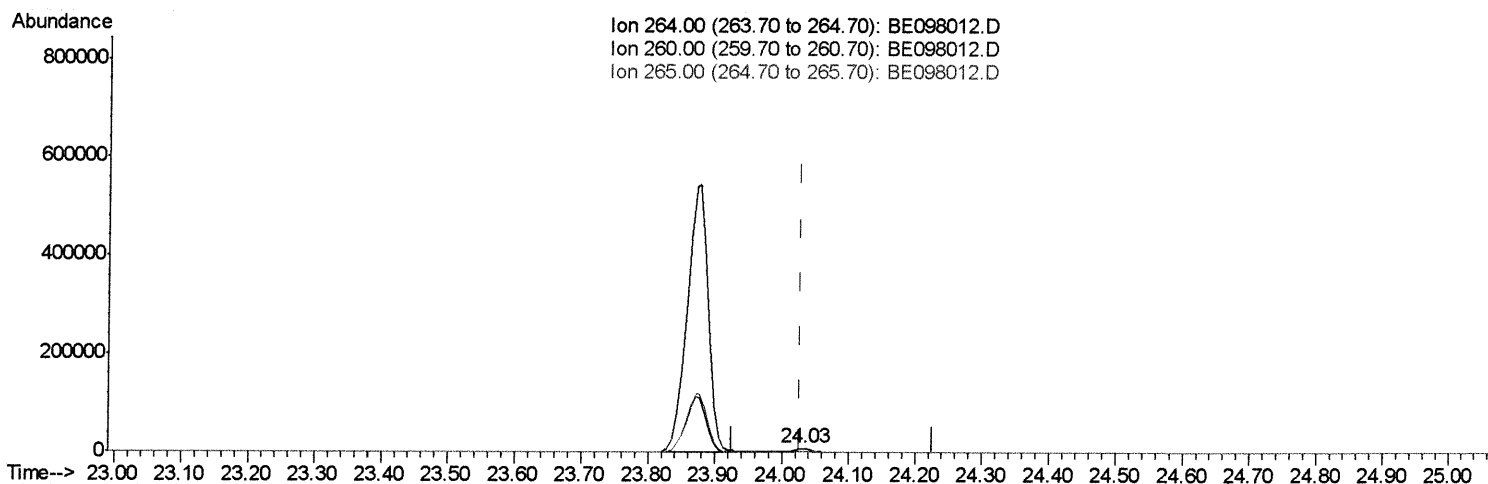
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:25:26 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 01:24:18 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.032min (+0.006) 0.40ng/ul m

SJ10/24/18

response 14122

Ion	Exp%	Act%
264.00	100	100
260.00	25.40	25.17
265.00	26.90	29.81
0.00	0.00	0.00

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

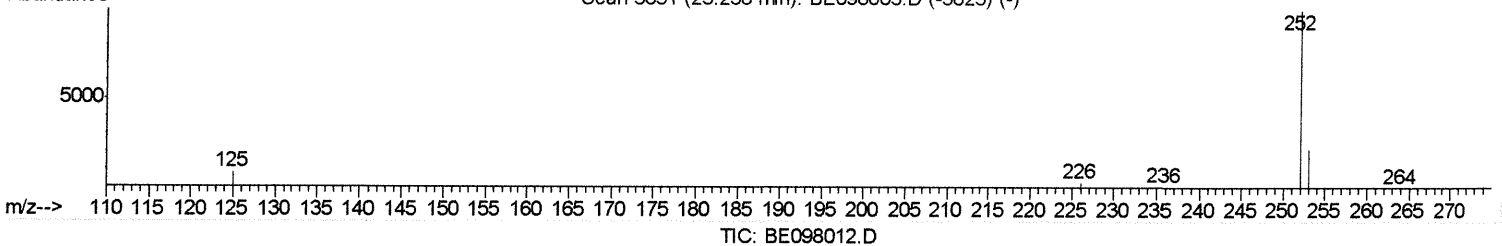
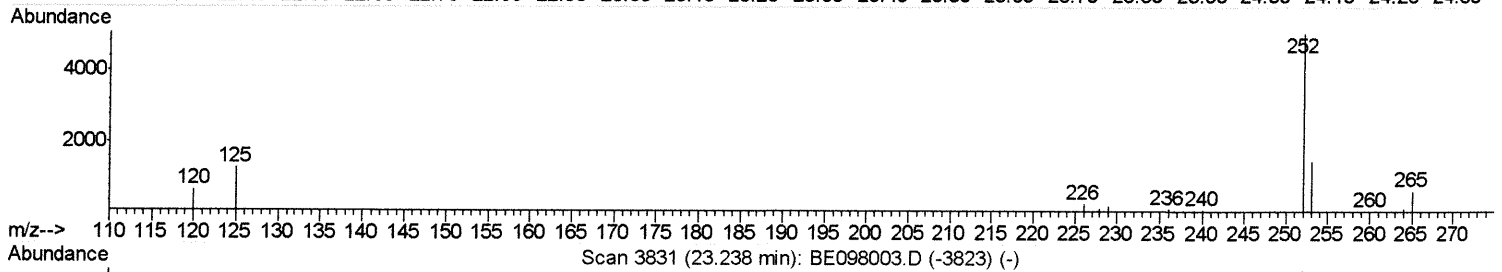
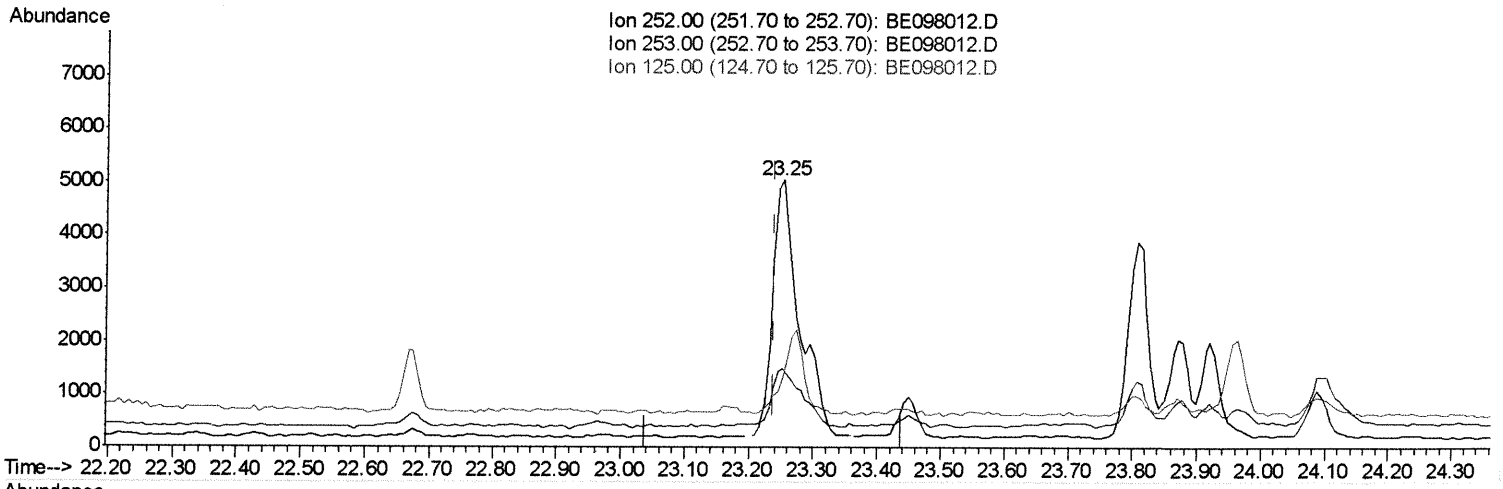
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:08 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 01:24:18 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
23.251min (+0.013) 0.39ng/ul
response 14245

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	29.68
125.00	9.10	25.71#
0.00	0.00	0.00

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

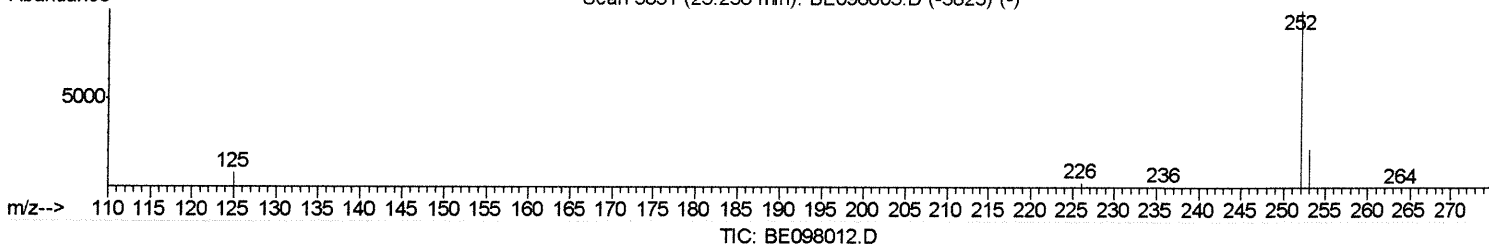
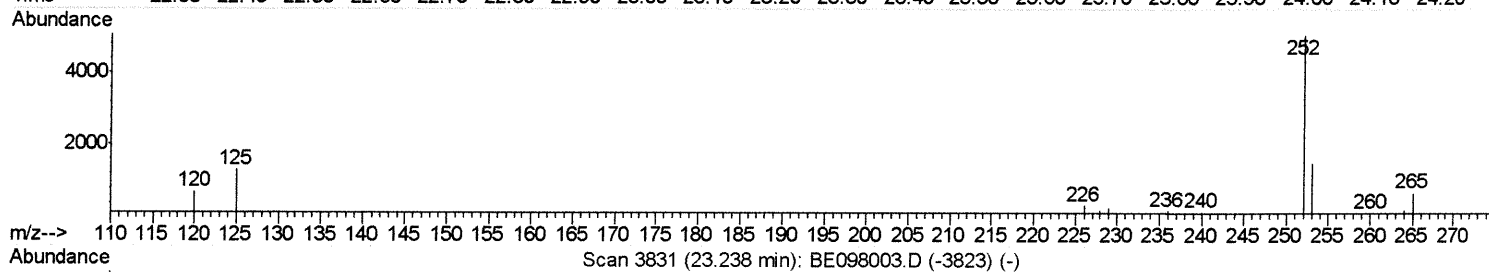
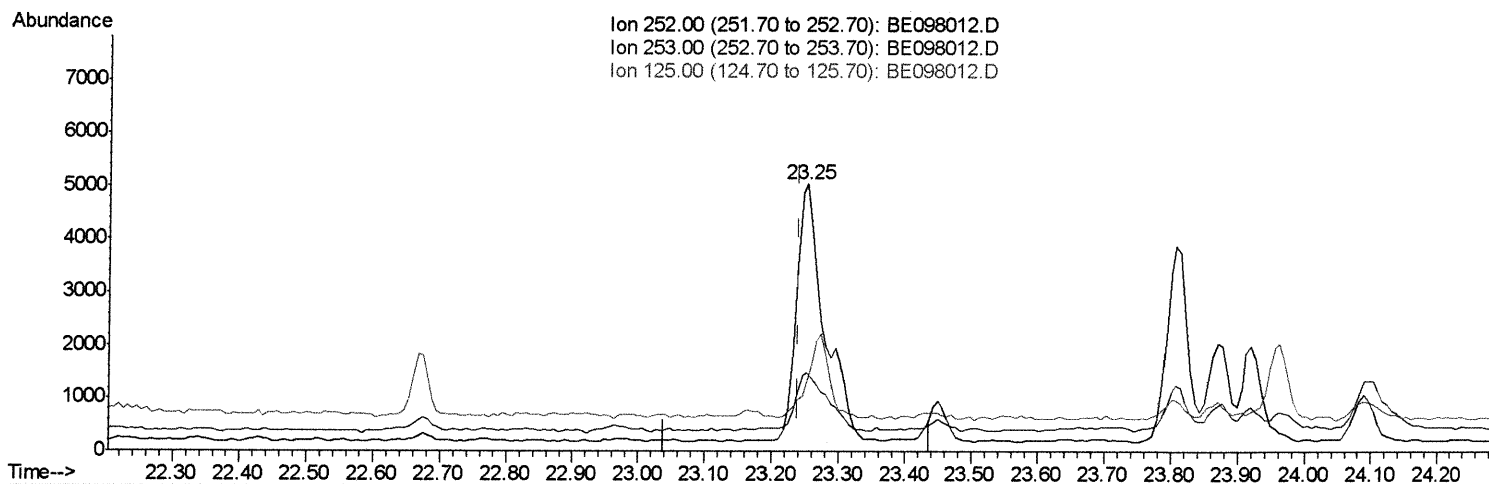
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:08 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 01:24:18 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.251min (+0.013) 0.33ng/ul m

SJ 10/24/18

response 12041

Ion	Exp%	Act%
252.00	100	100
253.00	23.50	29.68
125.00	9.10	25.71#
0.00	0.00	0.00

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

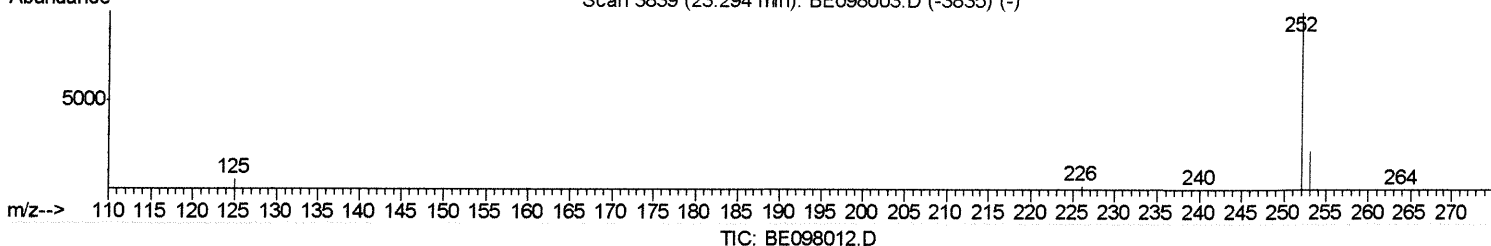
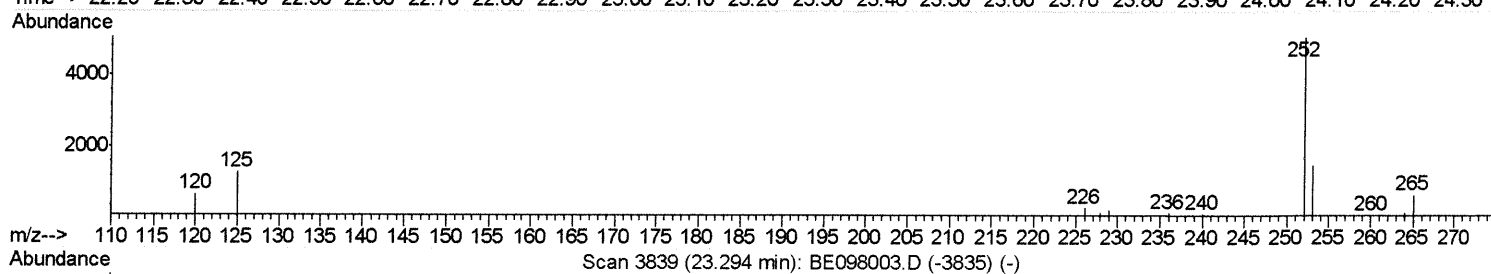
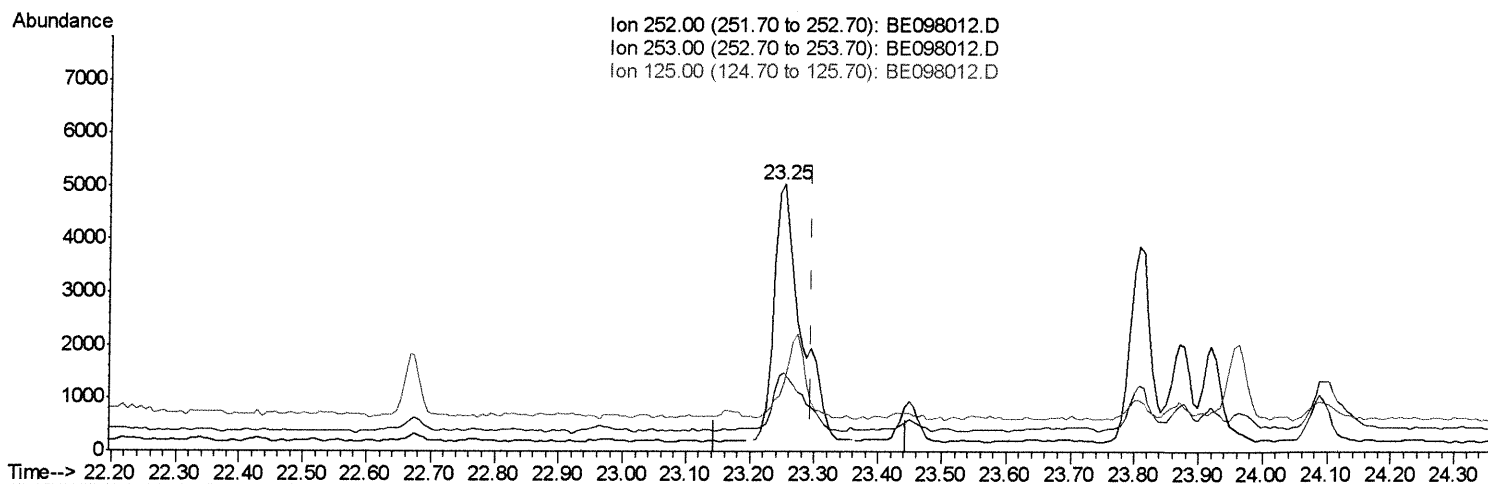
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:08 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 01:24:18 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.251min (-0.043) 0.34ng/ui

response 14245

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	29.68#
125.00	11.70	25.71#
0.00	0.00	0.00

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

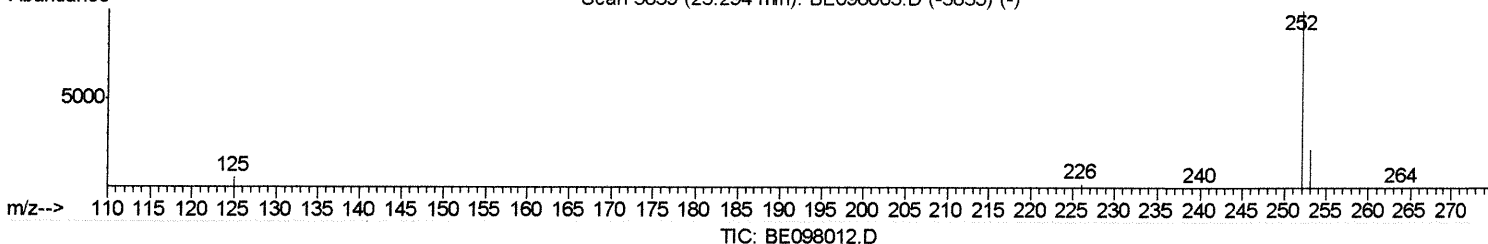
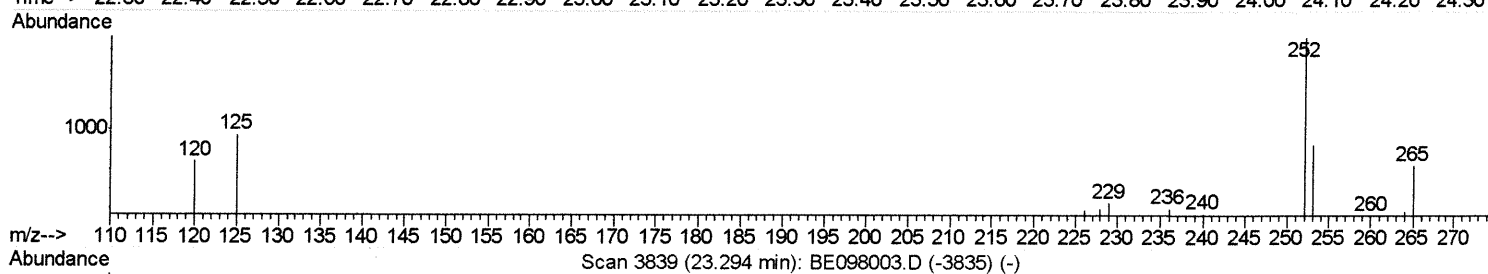
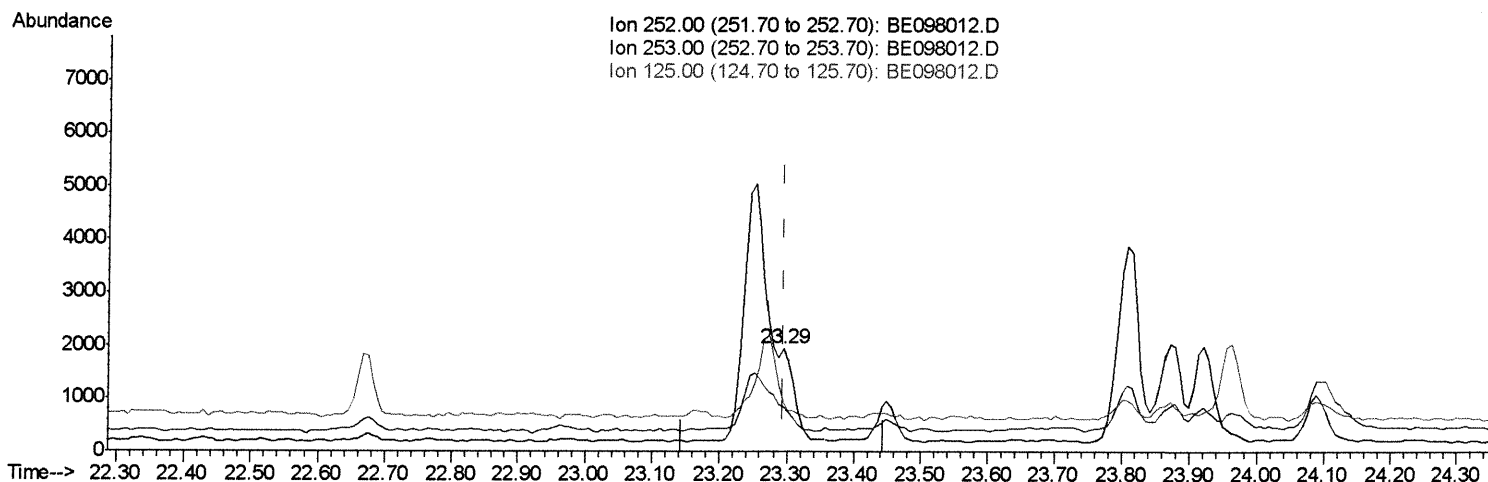
Data File : BE098012.D
Acq On : 22 Oct 2018 16:16
Operator : SJ/JU
Sample : J5567-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AH8

Manual Integrations
APPROVED

Sohil
10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:08 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 01:24:18 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.293min (-0.001) 0.06ng/ul m

SJ 10/24/18

response 2427

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	44.15#
125.00	11.70	48.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102218\
 Quantitation Report (QT Reviewed)
 Data File : BE098012.D
 Acq On : 22 Oct 2018 16:16
 Operator : SJ/JU
 Sample : J5567-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH8

Manual Integrations
 APPROVED

Sohil
 10/23/2018 5:34:26 PM

Quant Time: Oct 23 02:28:48 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 01:24:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1855	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	9011	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	6549	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	14845m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	15833m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	14122m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	6016	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	16647m	0.34	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.34	178	764m	0.022	ng/ul	
15) Fluoranthene	19.36	202	4500m	0.096	ng/ul	
17) Pyrene	19.72	202	3040	0.078	ng/ul#	62
18) Benzo(a)anthracene	21.46	228	4519	0.103	ng/ul#	85
19) Chrysene	21.51	228	3897	0.092	ng/ul#	80
21) Benzo(b)fluoranthene	23.25	252	12041m	0.330	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	2427m	0.059	ng/ul	
23) Benzo(a)pyrene	23.92	252	3559	0.107	ng/ul#	48
24) Indeno(1,2,3-cd)pyrene	26.74	276	1335	0.035	ng/ul#	100
26) Benzo(g,h,i)perylene	27.56	276	1485	0.041	ng/ul#	36

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