

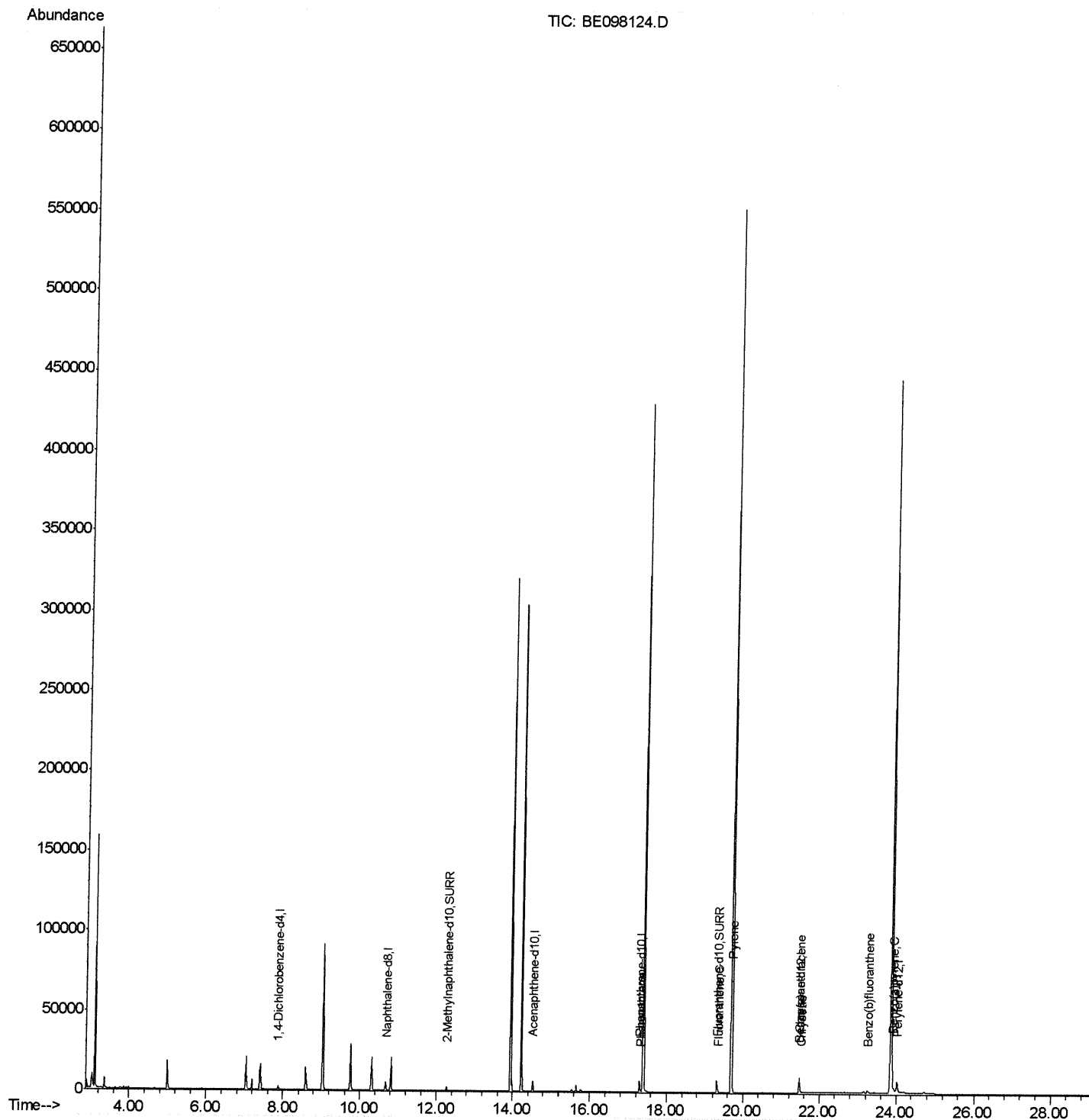
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
Quantitation Report (QT Reviewed)
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:40:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



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

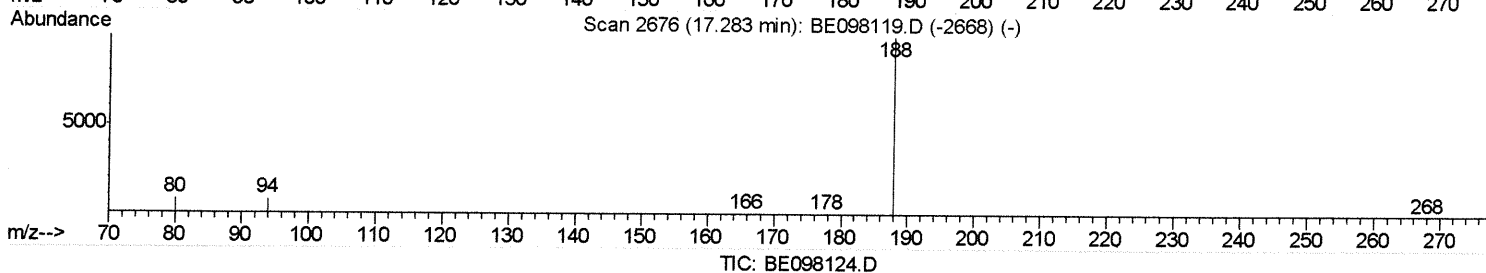
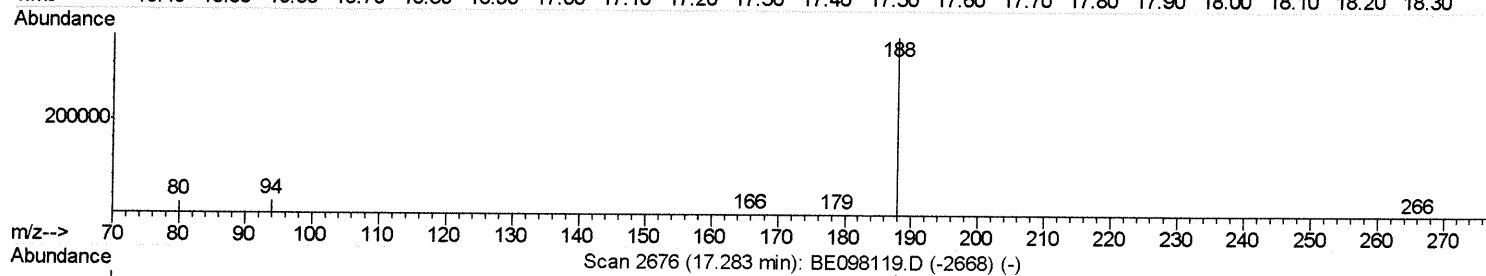
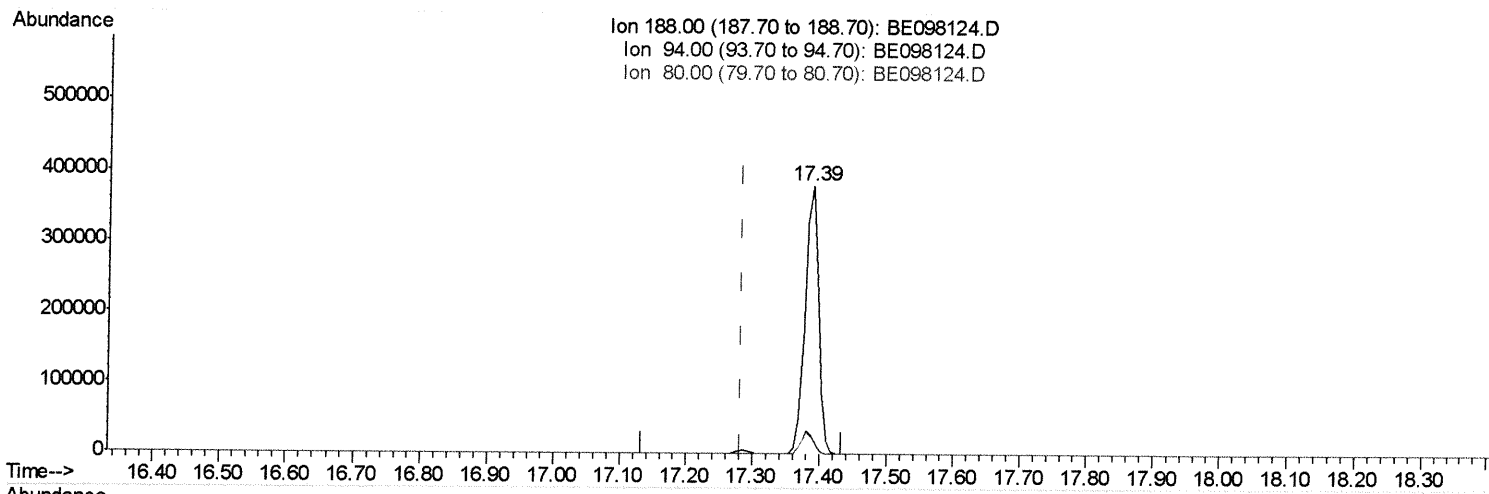
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:14:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
17.388min (+0.105) 0.40ng/ul
response 537978

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	6.90
80.00	8.50	6.50#
0.00	0.00	0.00

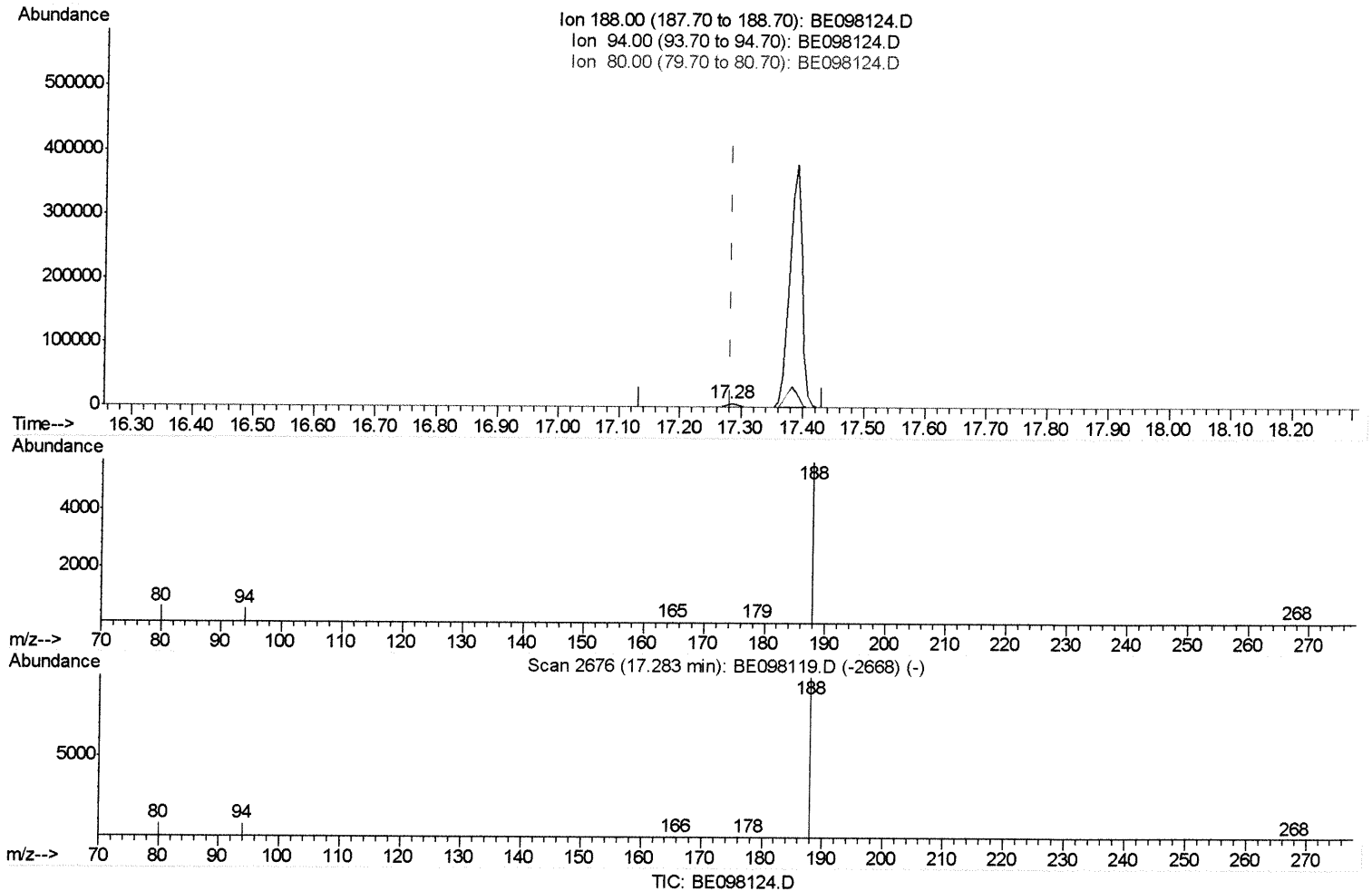
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098124.D
 Acq On : 31 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5701-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40E8

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:14:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.282min (-0.001) 0.40ng/ul m> SJ 11/2/18

response 8367

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	8.67
80.00	8.50	10.31#
0.00	0.00	0.00

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

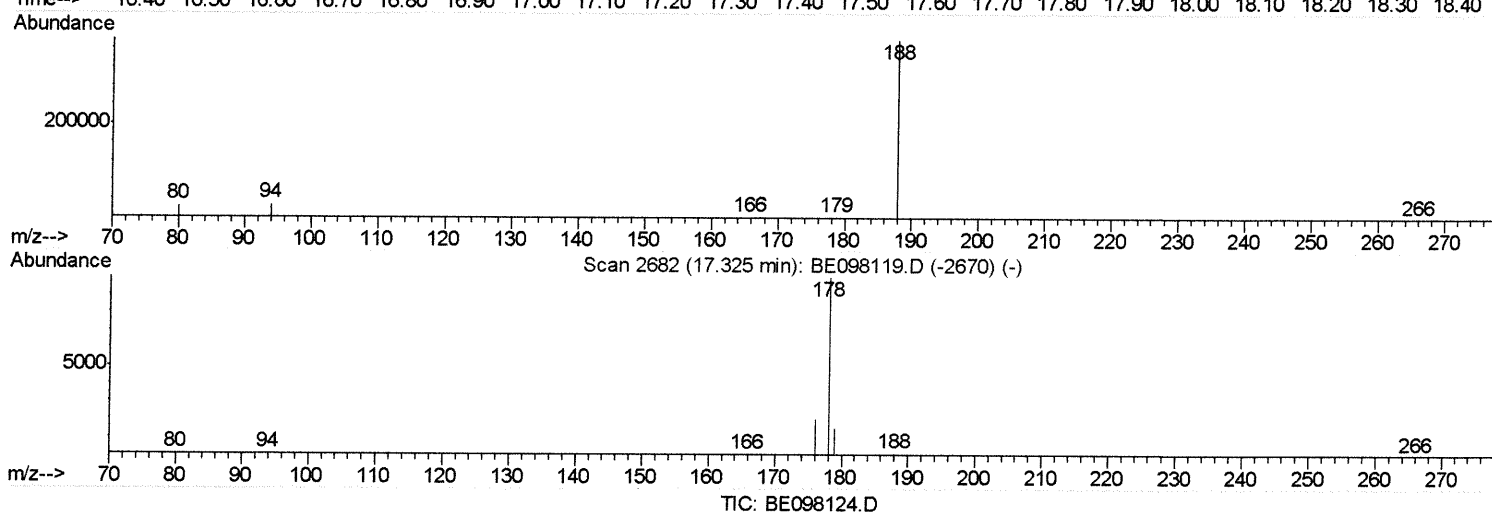
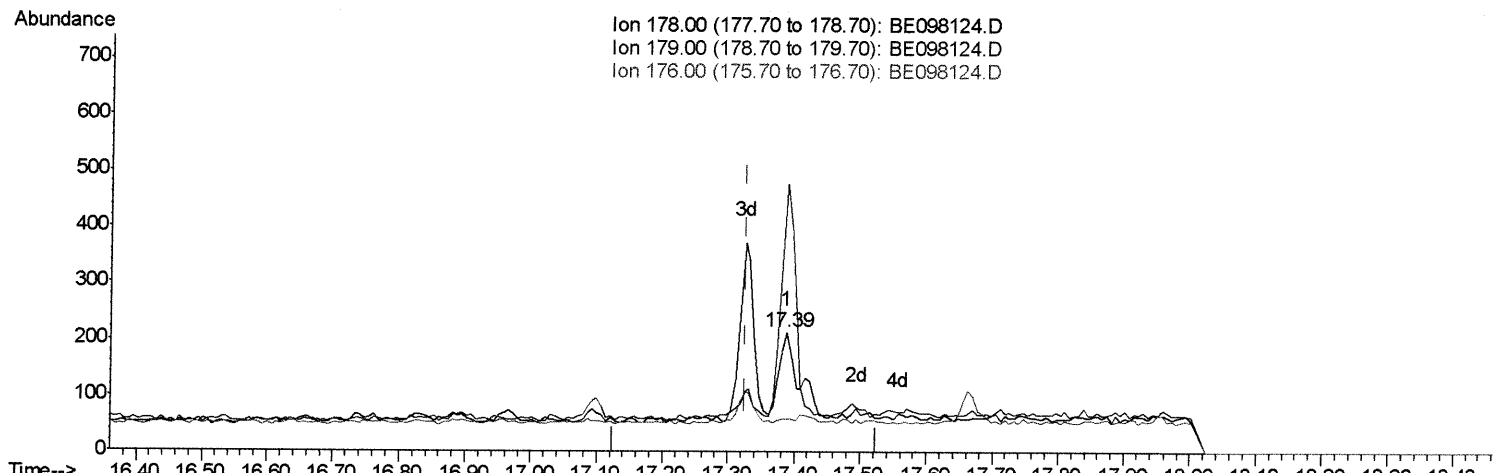
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(12) Phenanthrene

17.388min (+0.062) 0.02ng/ul

response 345

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	223.47#
176.00	19.60	27.23#
0.00	0.00	0.00

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

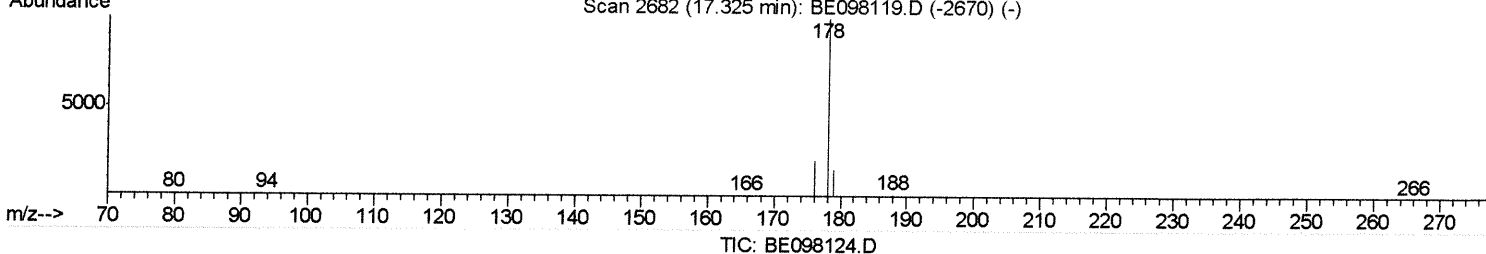
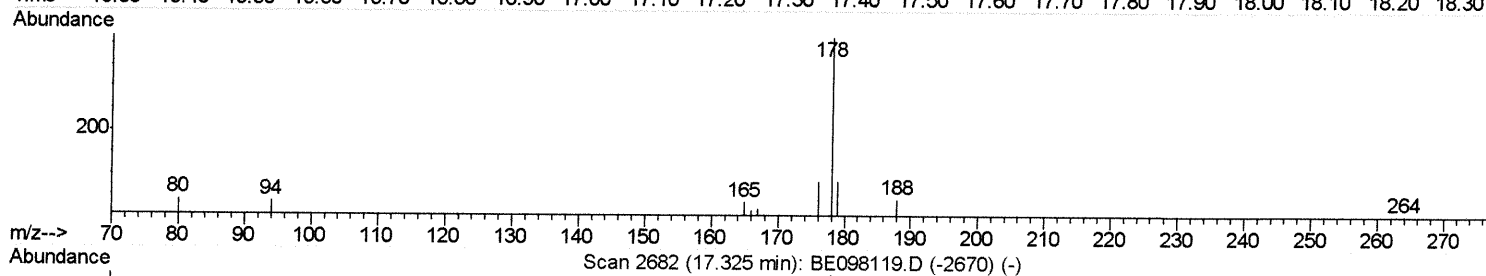
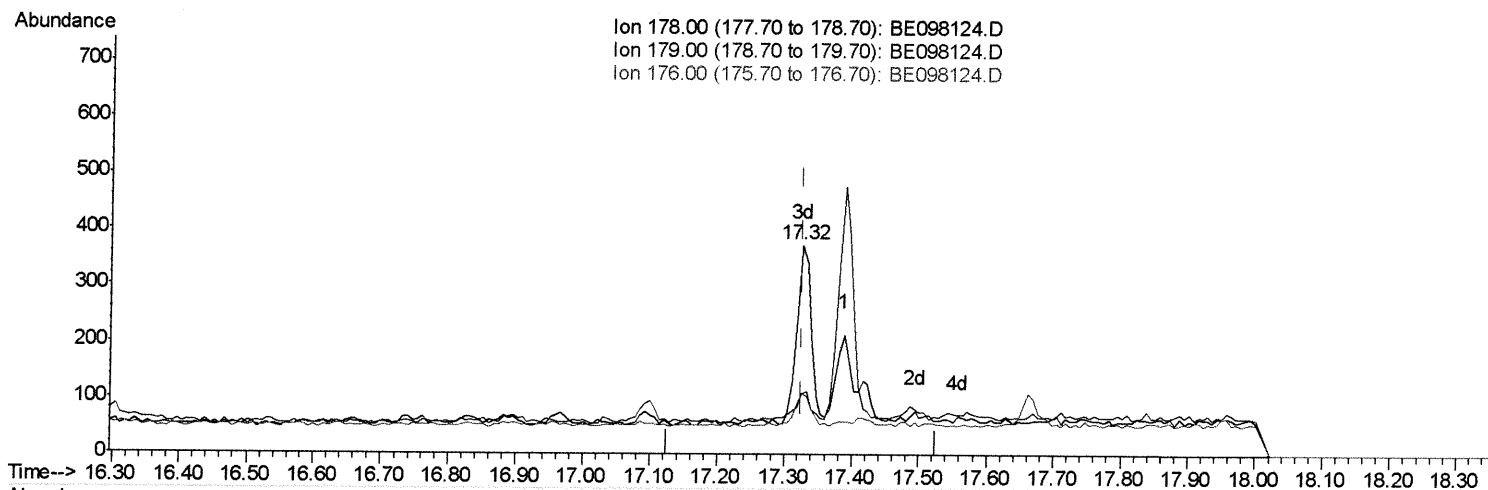
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(12) Phenanthrene

17.325min (-0.001) 0.03ng/ul m > 52 11/2/18

response 497

Ion	Exp%	Act%
178.00	100	100
179.00	16.20	29.22#
176.00	19.60	29.22#
0.00	0.00	0.00

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

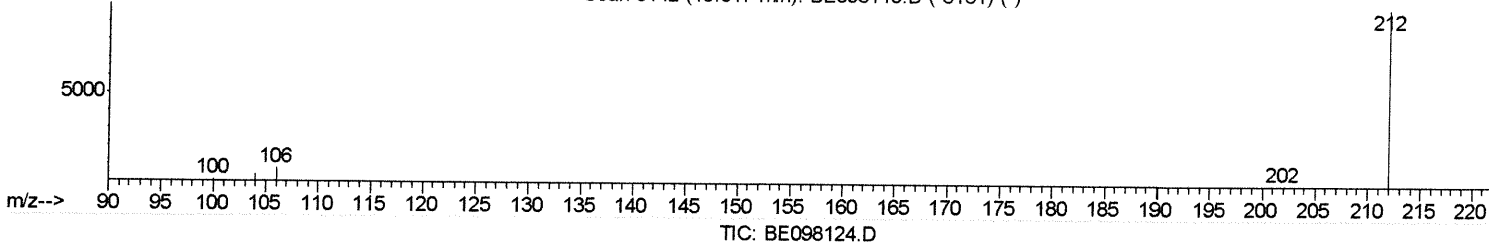
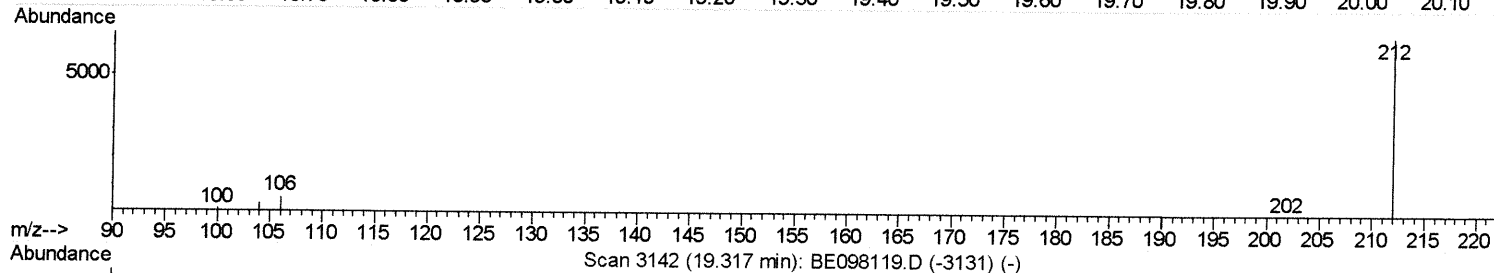
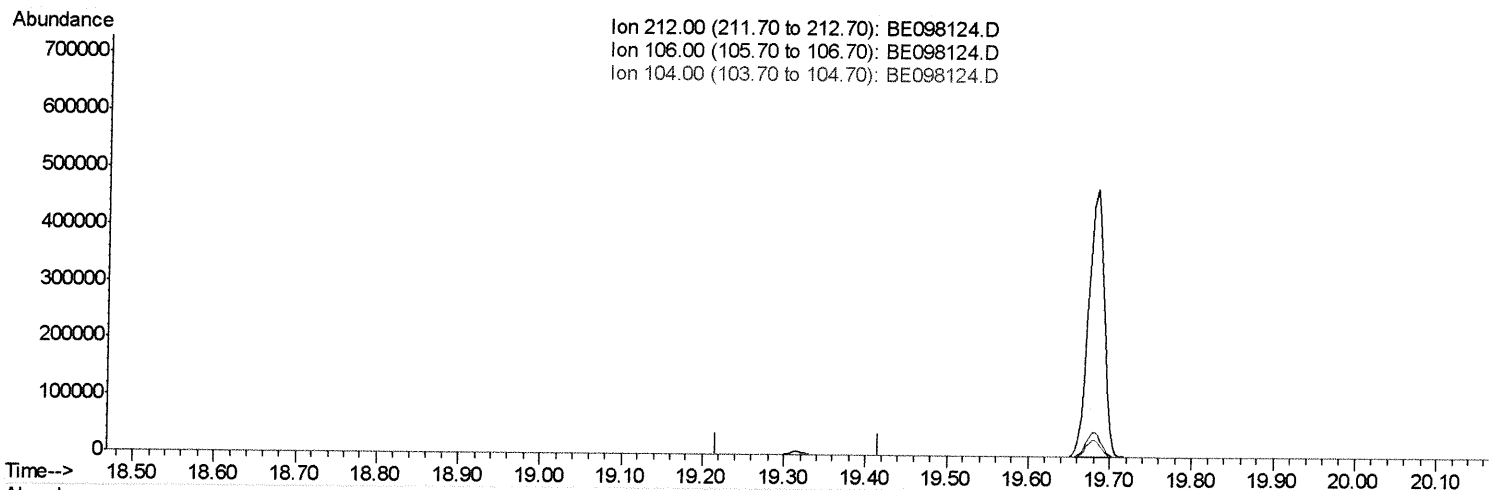
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.317min (-19.317) 0.00ng/ul

response 0

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

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

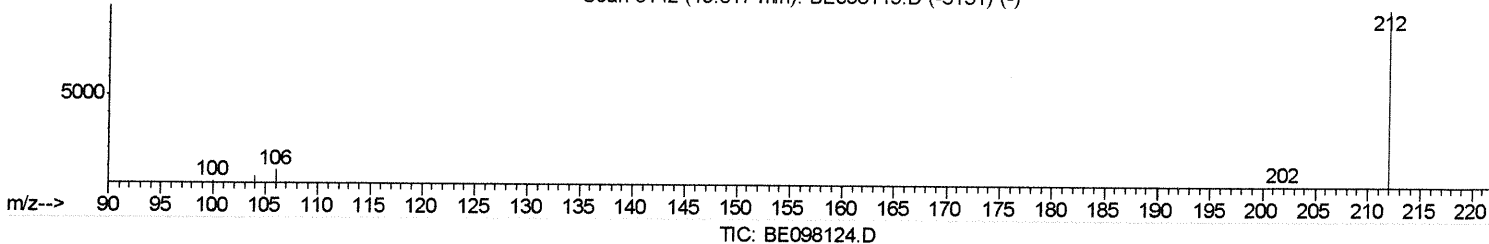
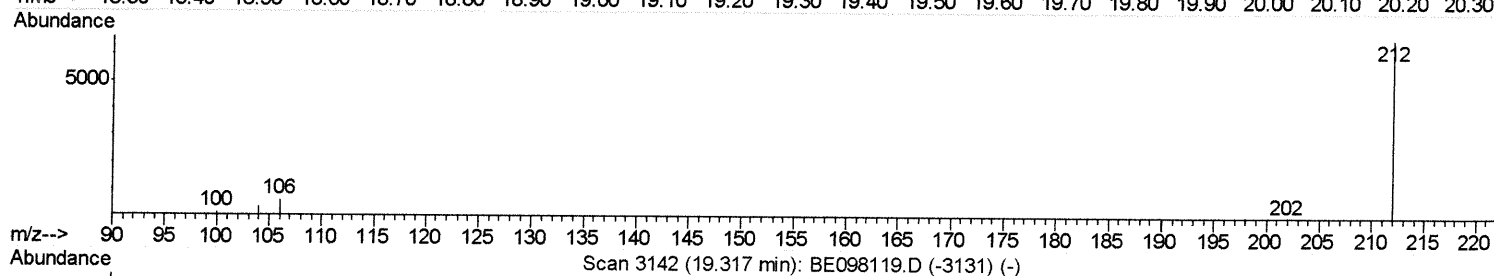
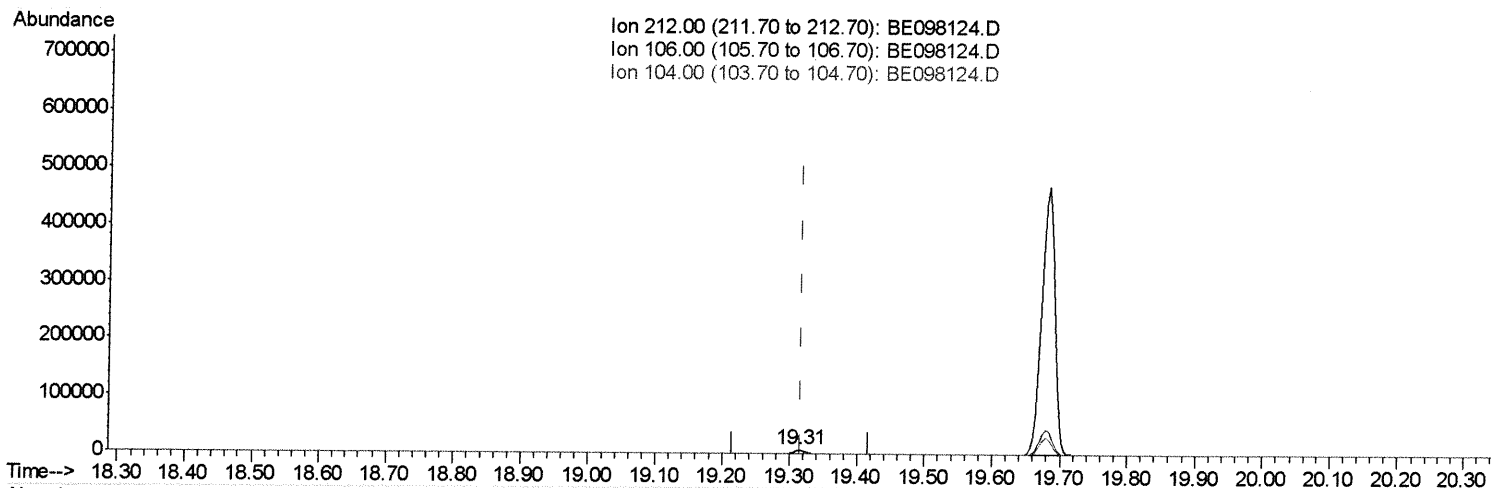
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.314min (-0.003) 0.33ng/ul m) SD 11/2/18

response 9000

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

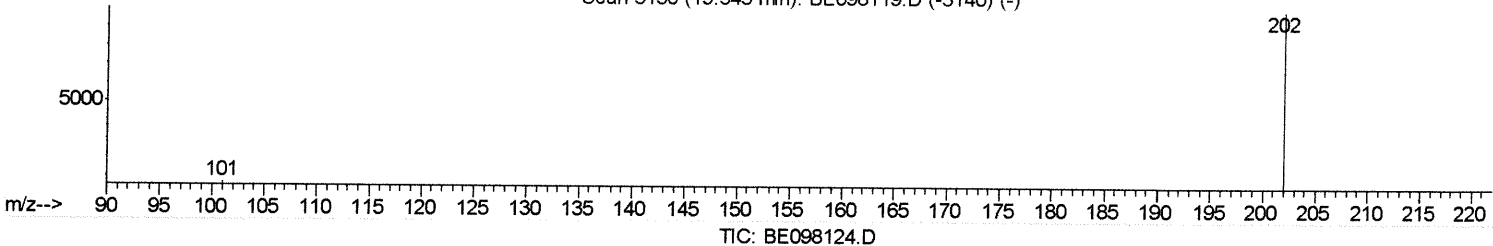
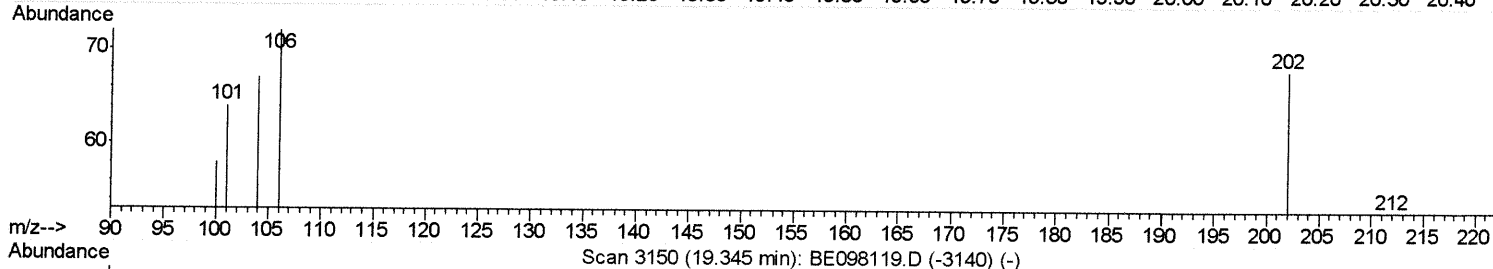
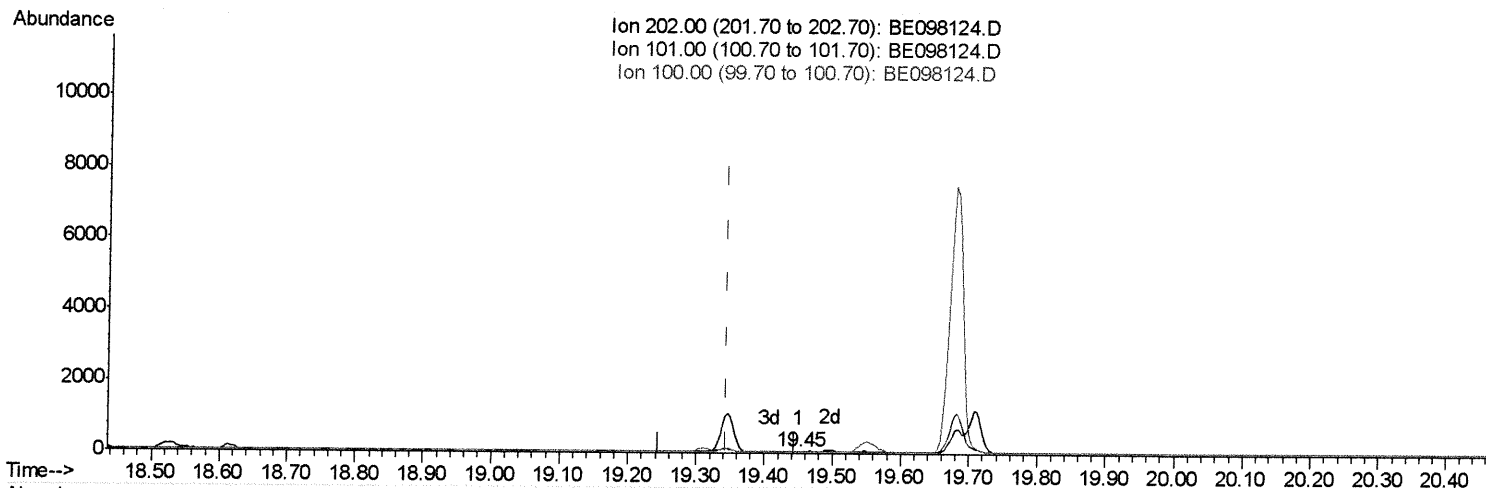
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098124.D
 Acq On : 31 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5701-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A40E8

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(15) Fluoranthene (C)

19.449min (+0.104) 0.00ng/ul

response 13

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	94.12#
100.00	6.00	85.29#
0.00	0.00	0.00

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

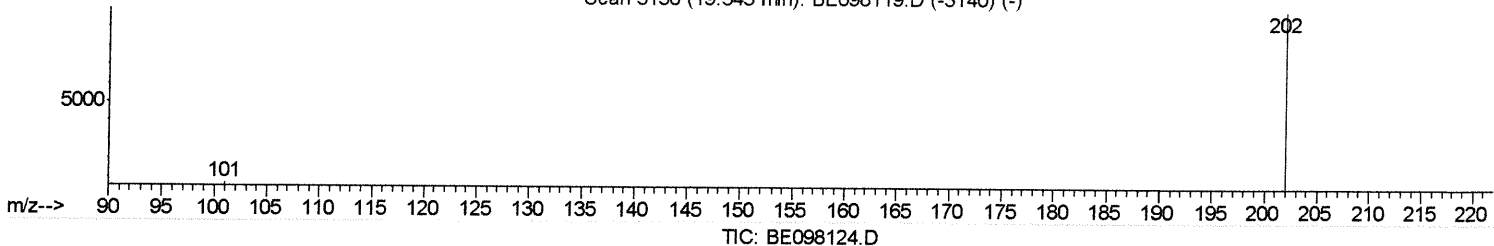
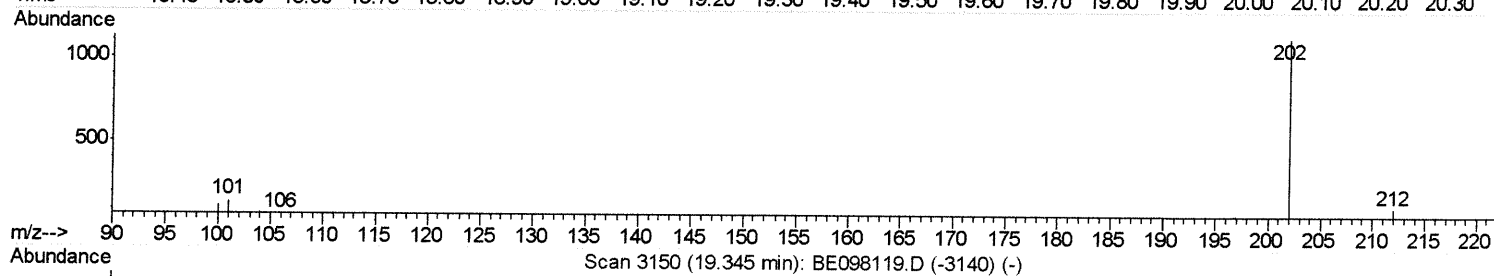
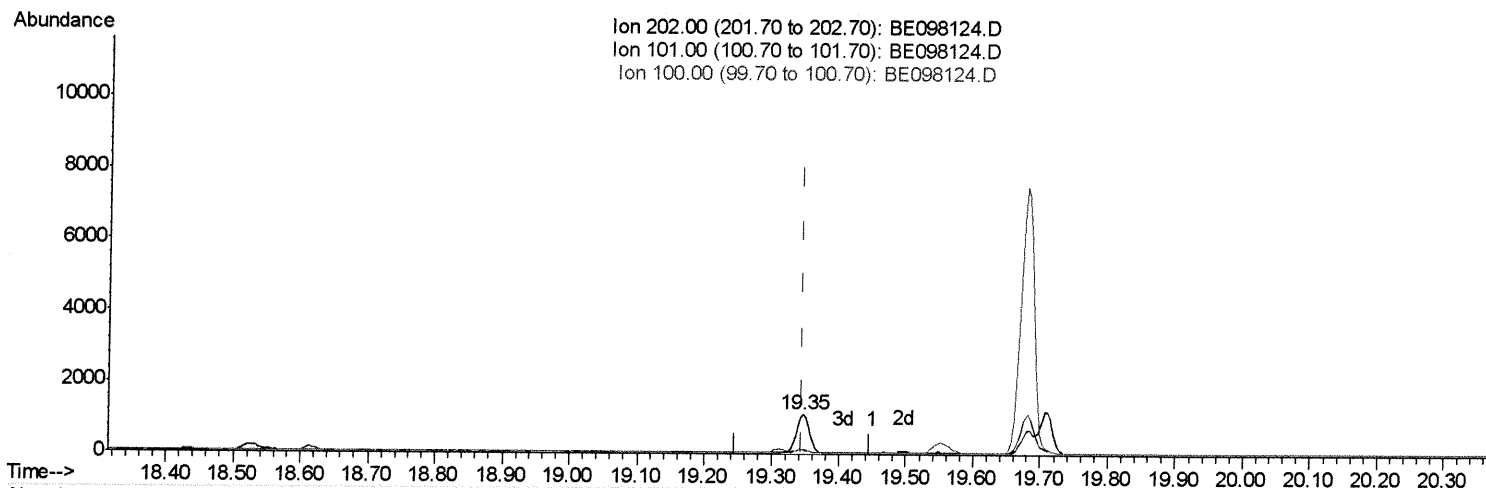
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

19.346min (+0.001) 0.06ng/ul m > SJ 11/2/18

response 1432

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	12.85
100.00	6.00	11.24
0.00	0.00	0.00

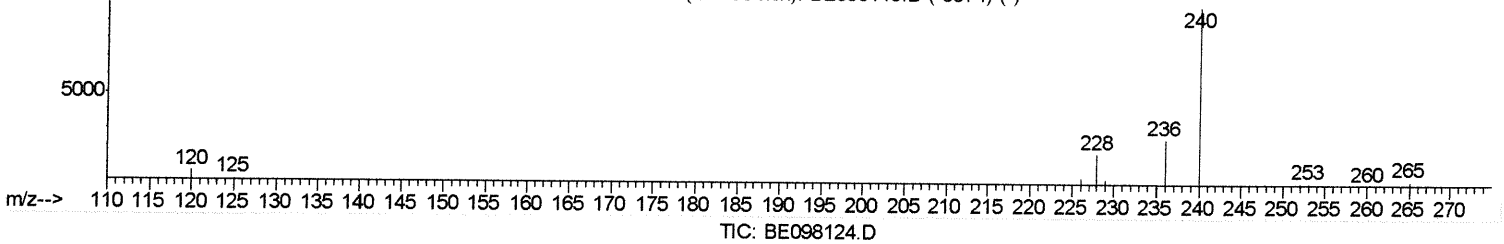
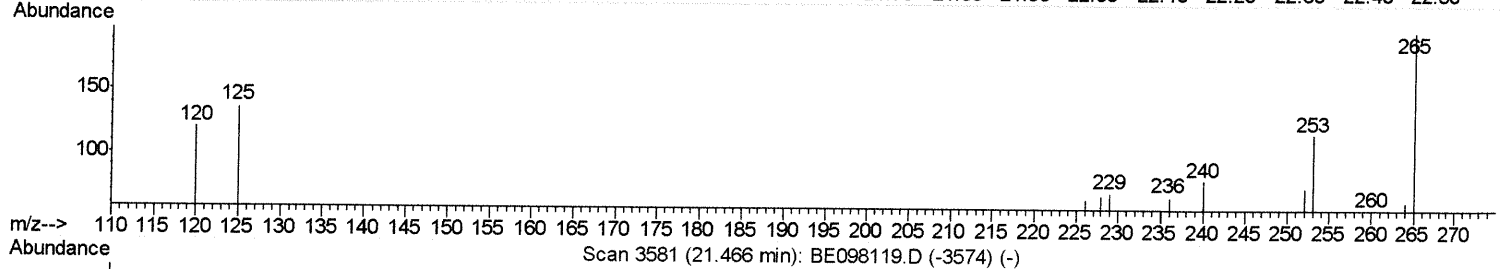
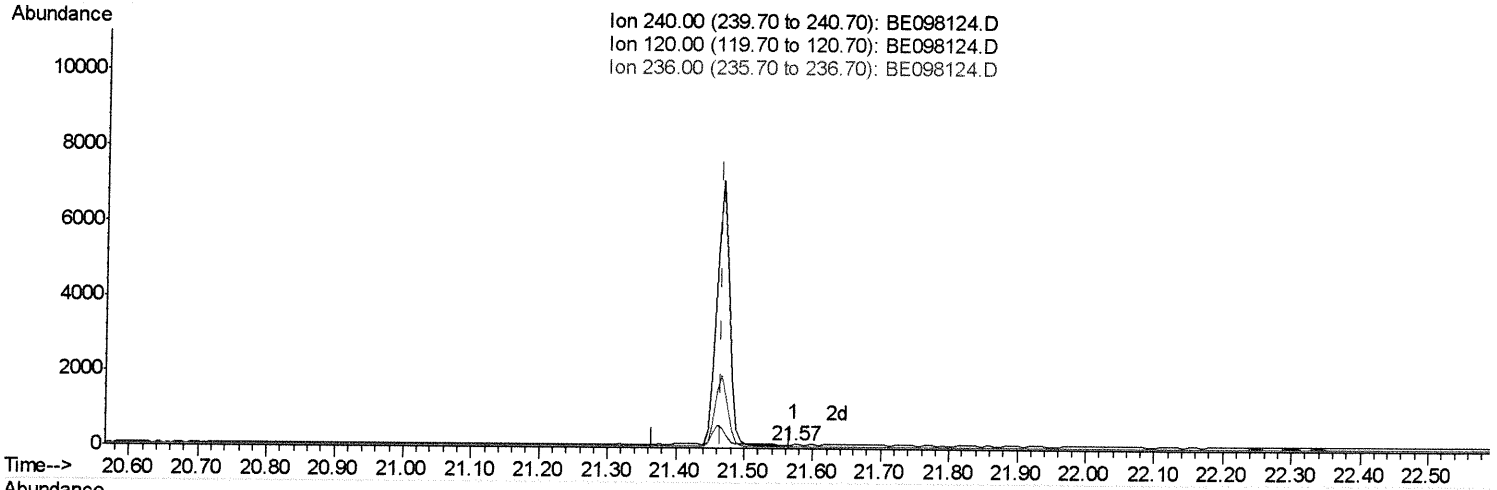
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE103118\
 Quantitation Report (Qedit)
 Data File : BE098124.D
 Acq On : 31 Oct 2018 20:07
 Operator : SJ/JU
 Sample : J5701-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A40E8

Manual Integrations
 APPROVED

Sohil
 11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 02:11:37 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)
 21.573min (+0.107) 0.40ng/ul
 response 6

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	150.00#
236.00	26.20	83.75#
0.00	0.00	0.00

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

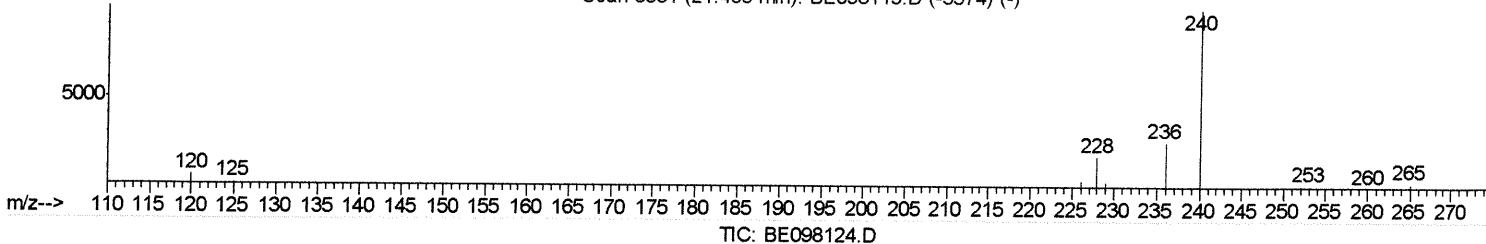
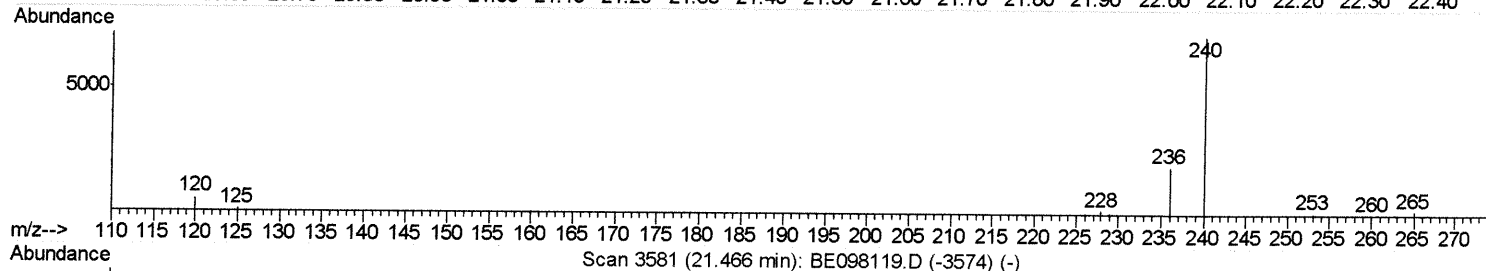
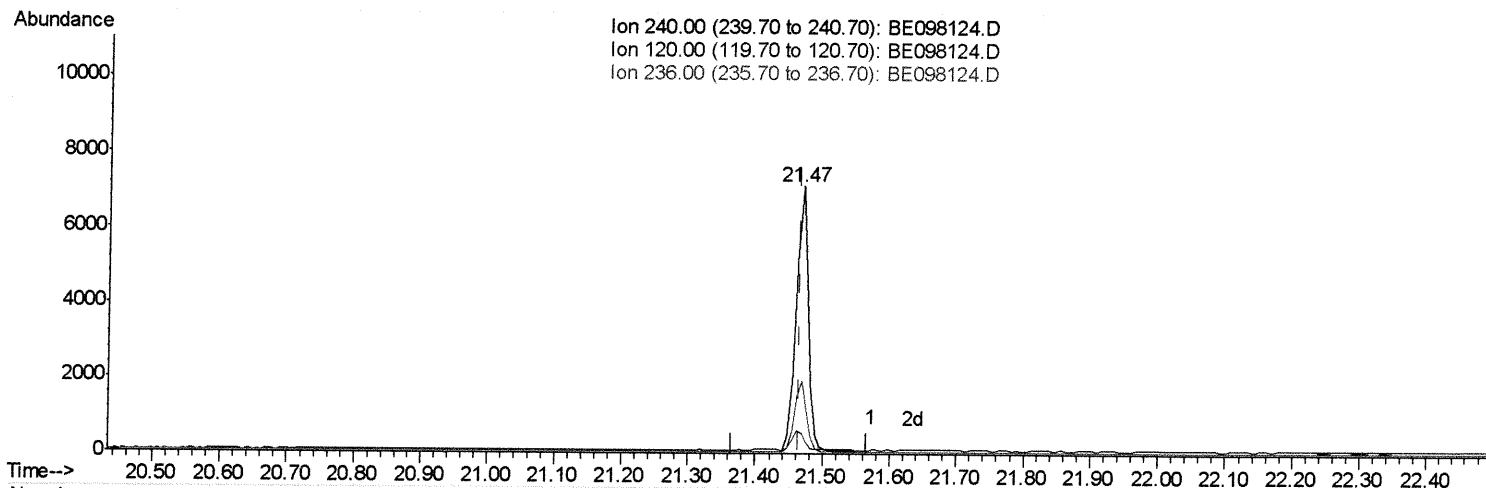
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:35:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.467min (+0.001) 0.40ng/ul m> 52 11/2/18

response 9179

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	7.76
236.00	26.20	27.09
0.00	0.00	0.00

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

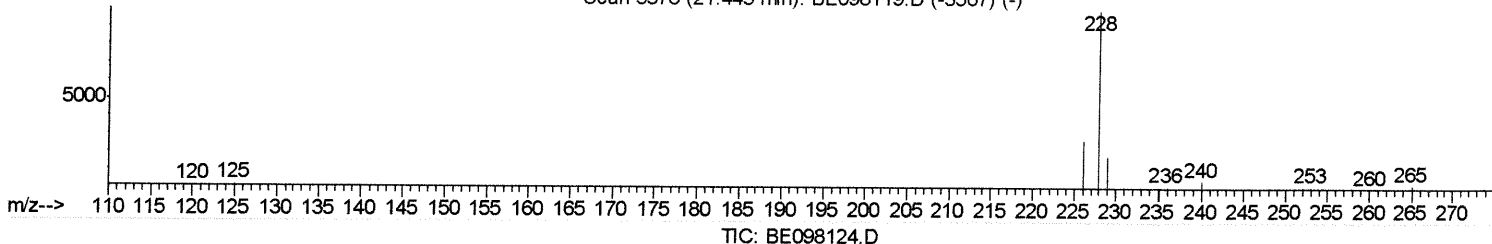
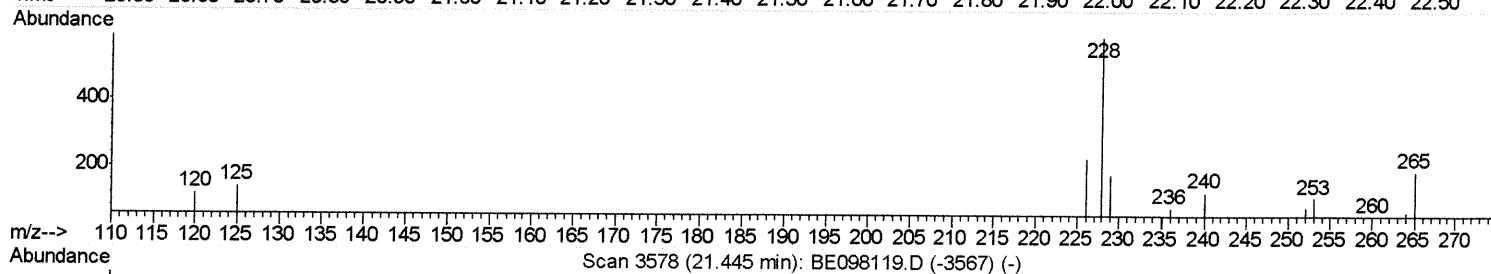
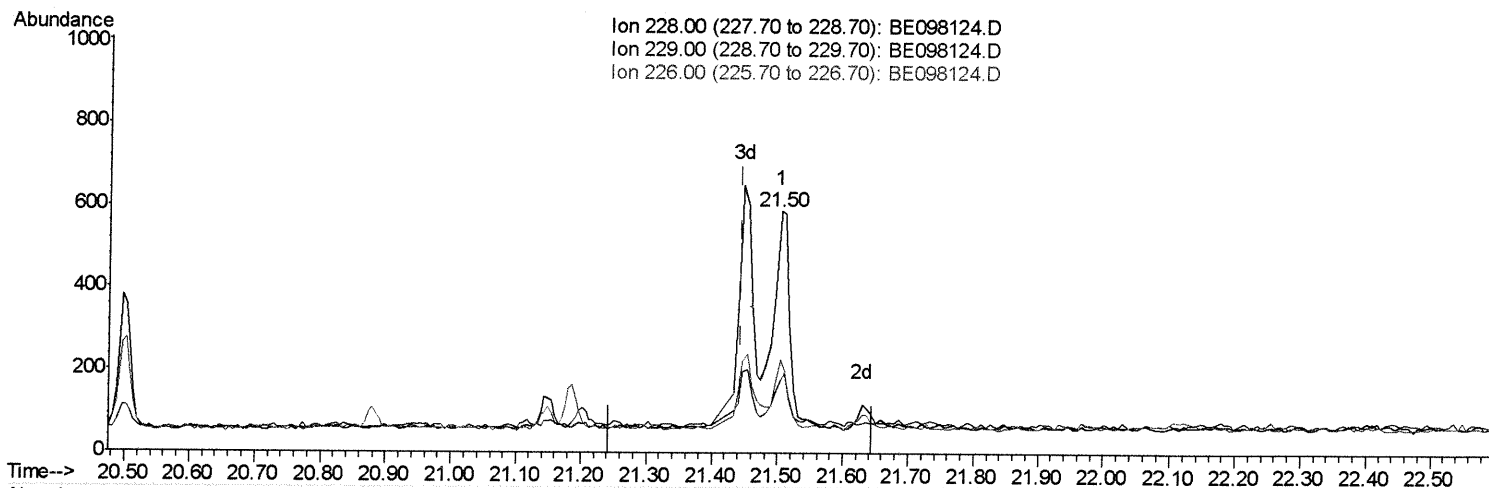
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.502min (+0.058) 0.03ng/ul

response 940

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	30.32#
226.00	27.80	38.84#
0.00	0.00	0.00

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

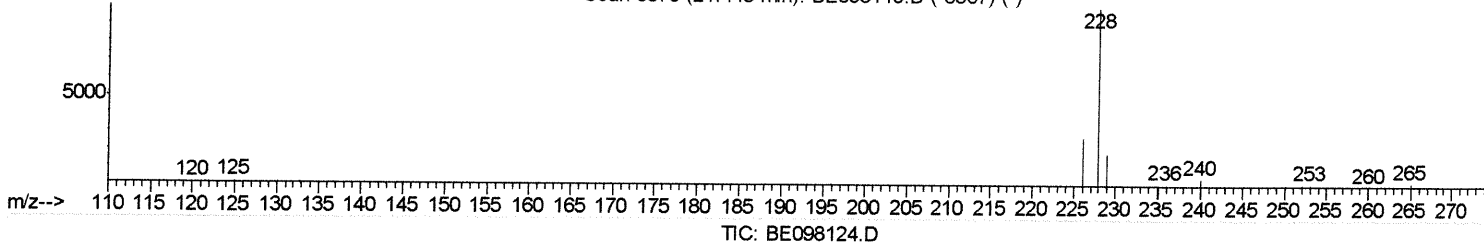
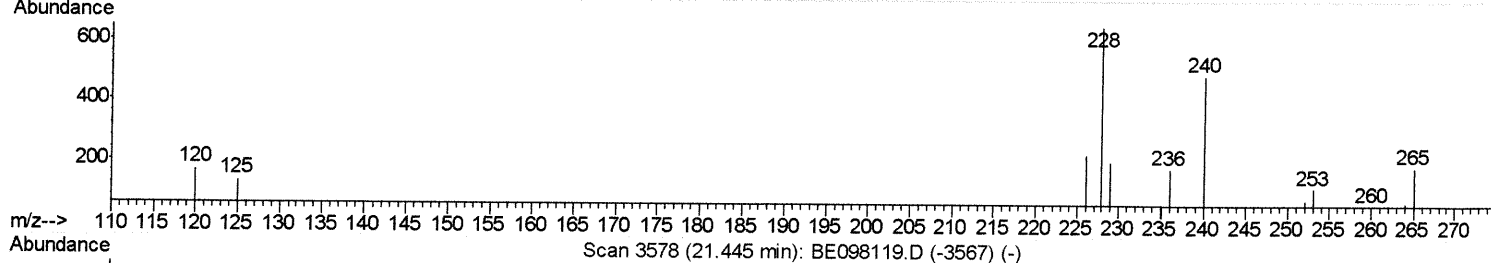
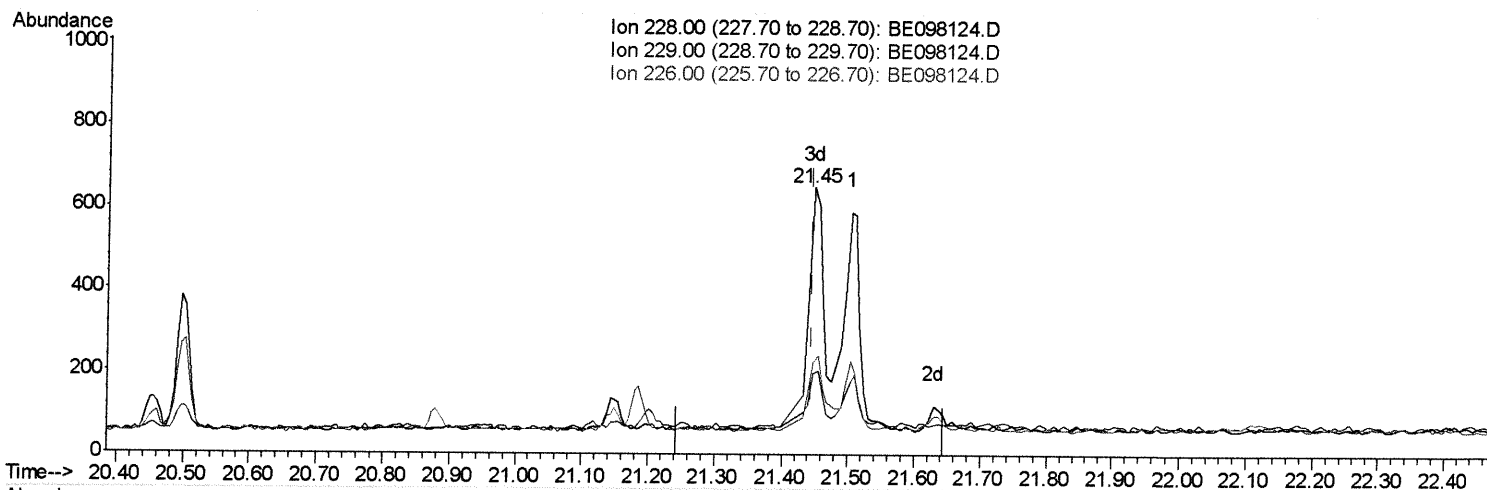
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.446min (+0.001) 0.04ng/ul m > SJ 11/2/18

response 1204

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	30.51#
226.00	27.80	34.51#
0.00	0.00	0.00

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

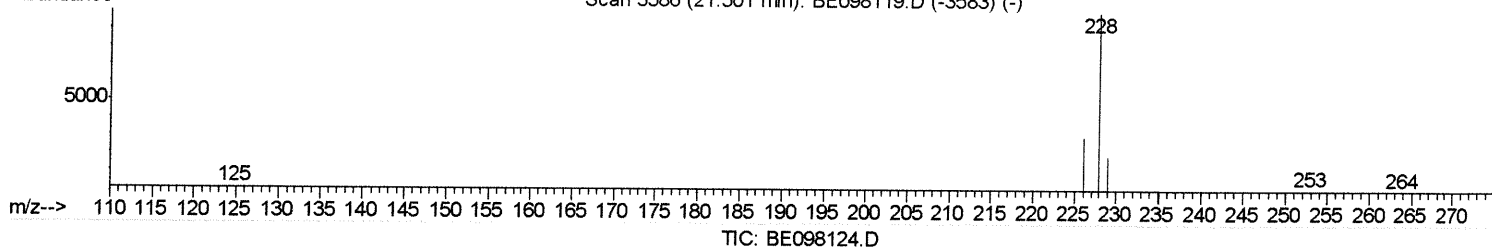
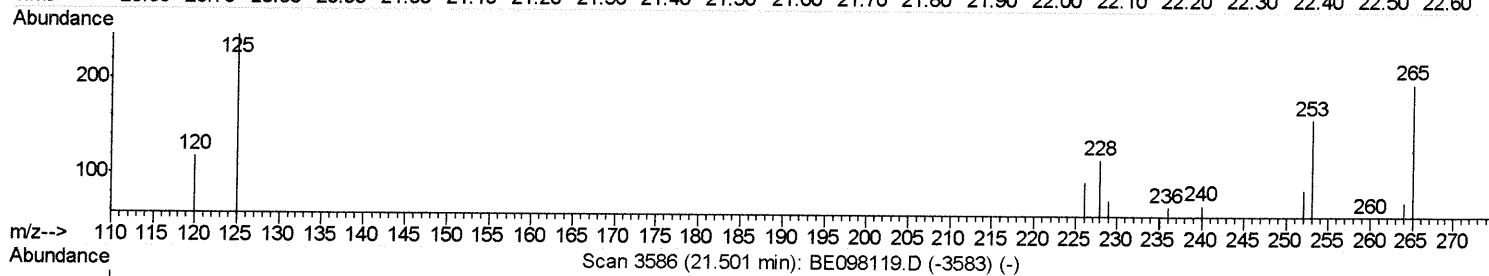
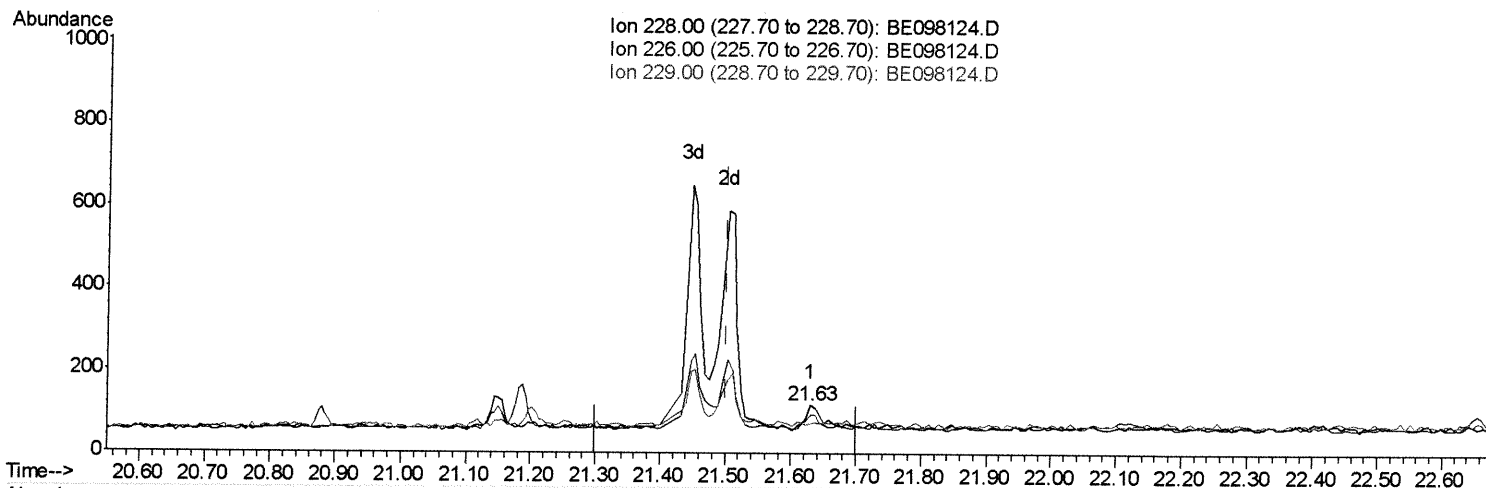
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(19) Chrysene

21.629min (+0.128) 0.01ng/ul

response 108

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	80.34#
229.00	20.50	64.10#
0.00	0.00	0.00

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

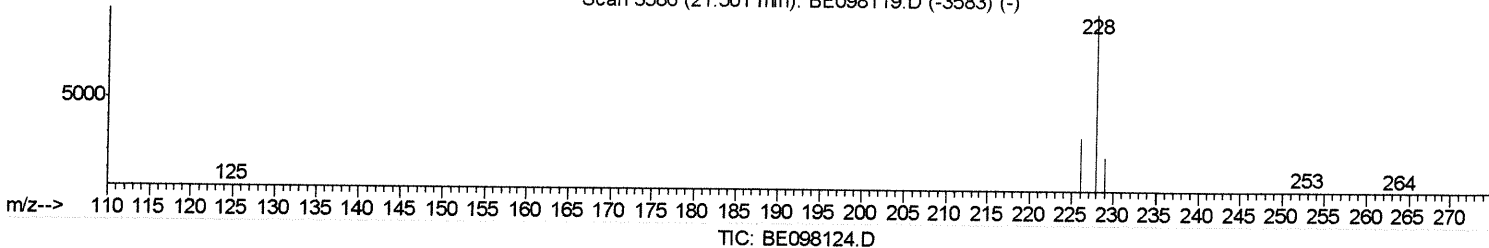
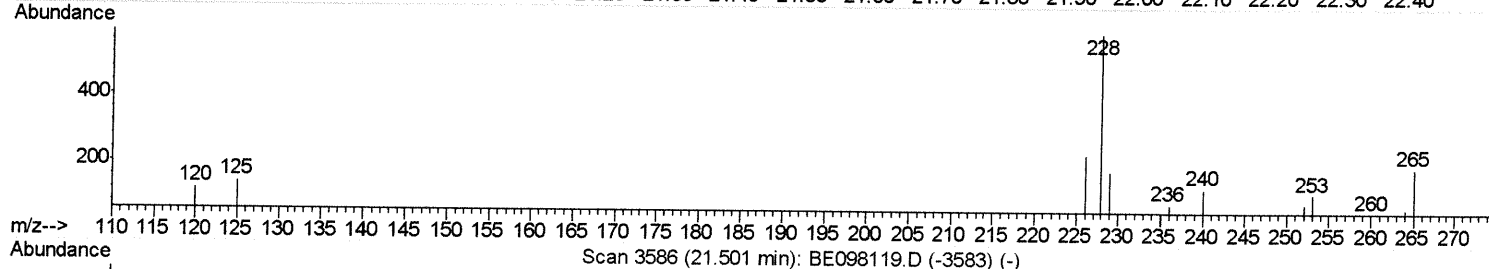
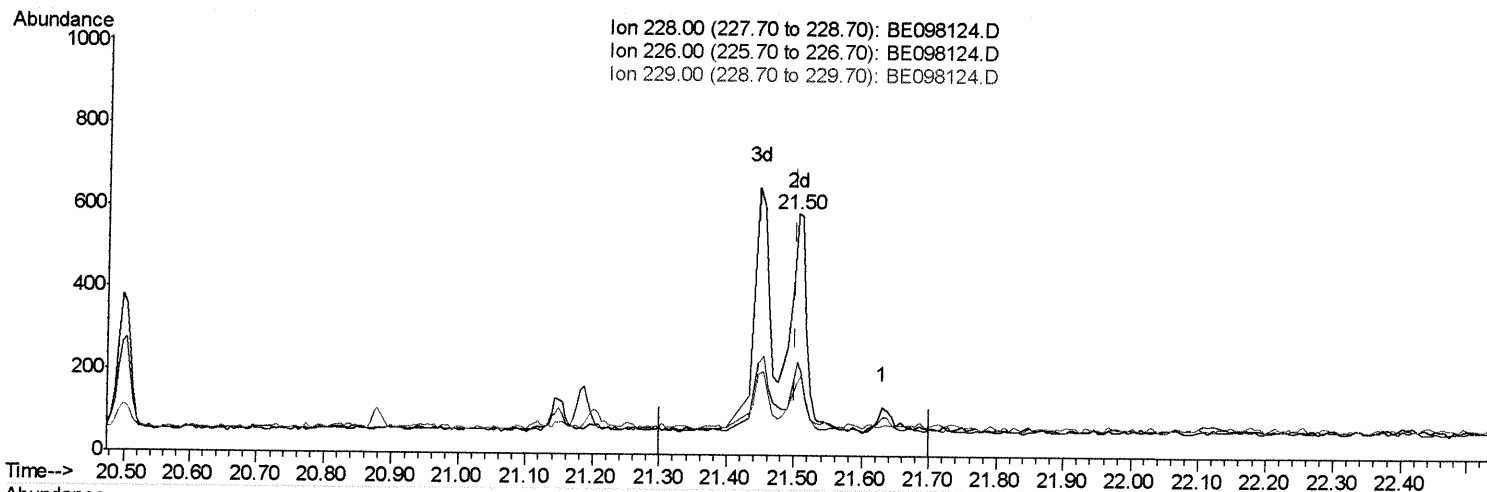
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(19) Chrysene

21.502min (+0.001) 0.04ng/ul m> SD 11/2/18

response 875

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	38.84#
229.00	20.50	30.32#
0.00	0.00	0.00

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

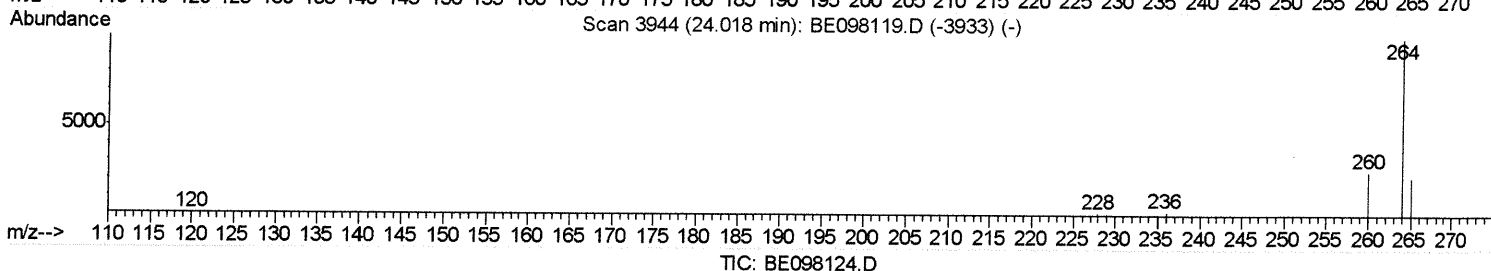
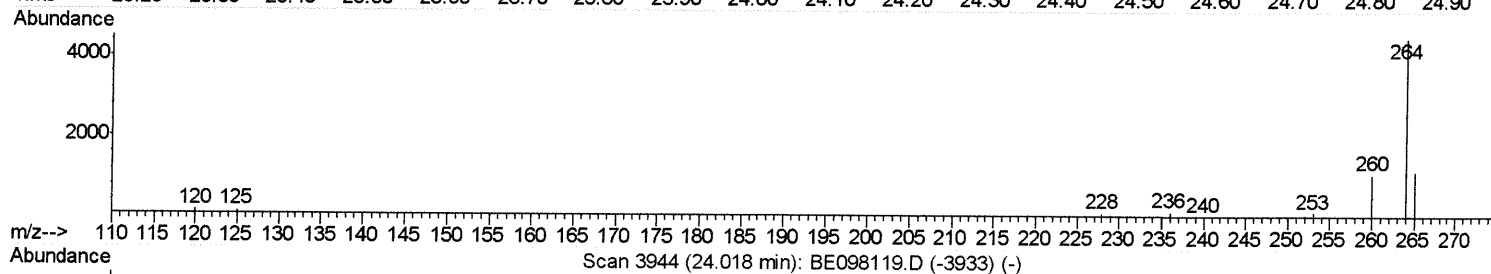
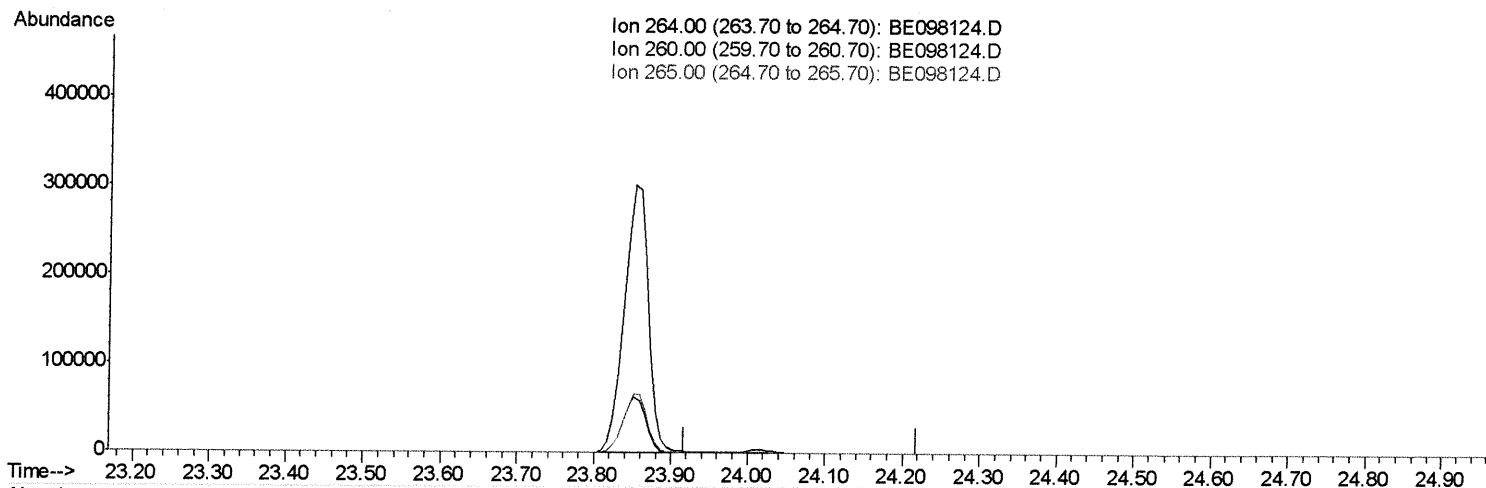
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.018min (-24.018) 0.00ng/ul

response 0

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

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

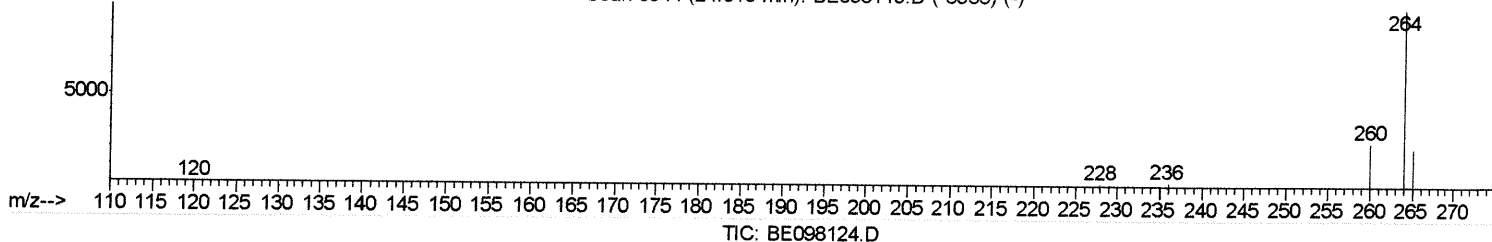
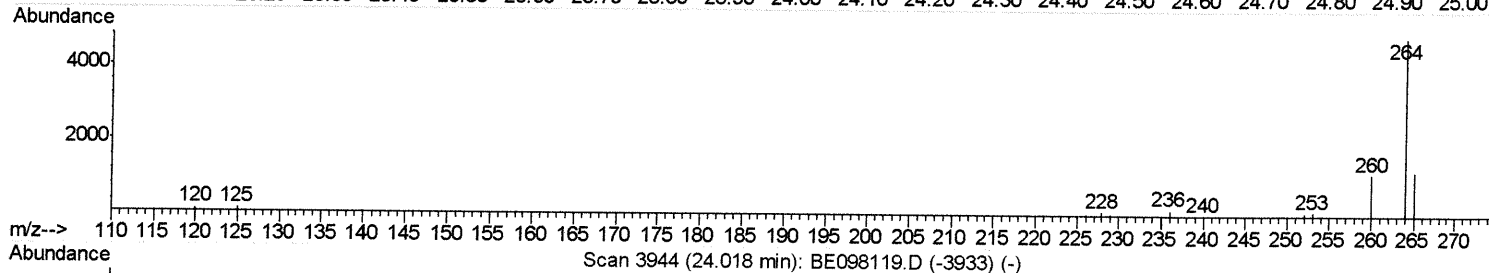
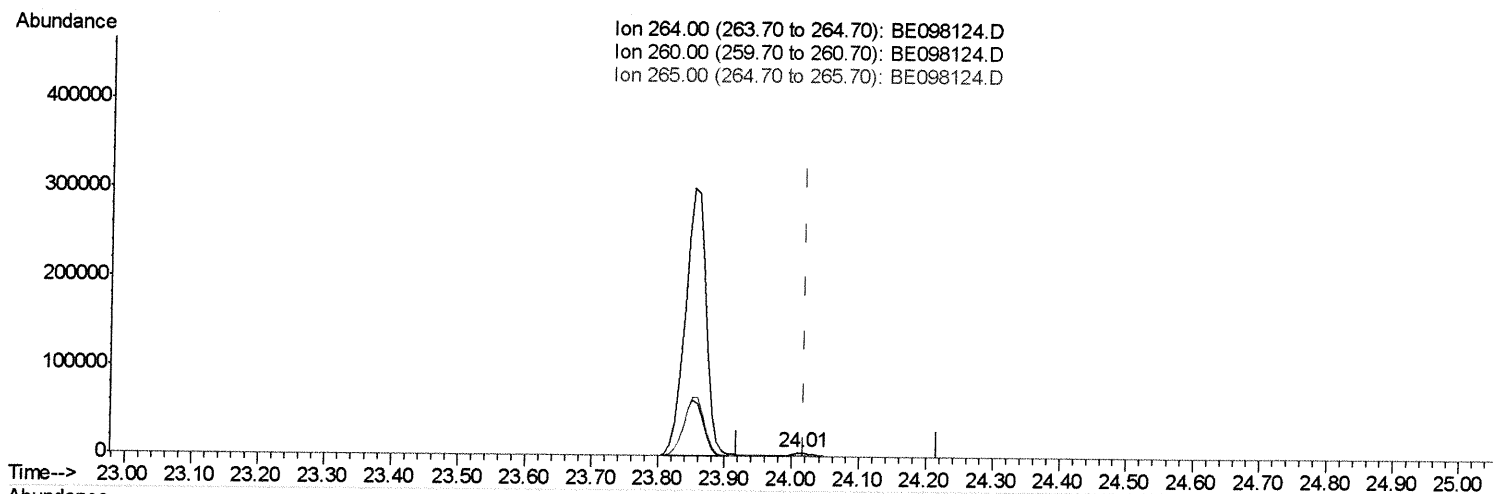
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:37:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.013min (-0.006) 0.40ng/ul m *SD 11/2/18*

response 8828

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	24.13
265.00	28.00	25.71
0.00	0.00	0.00

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

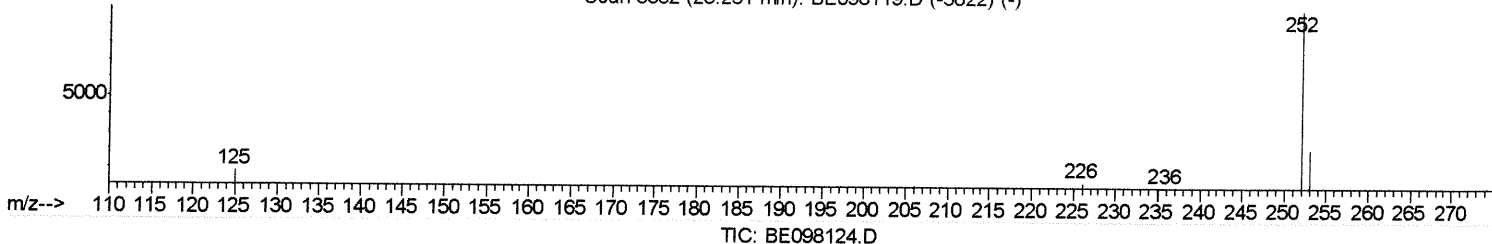
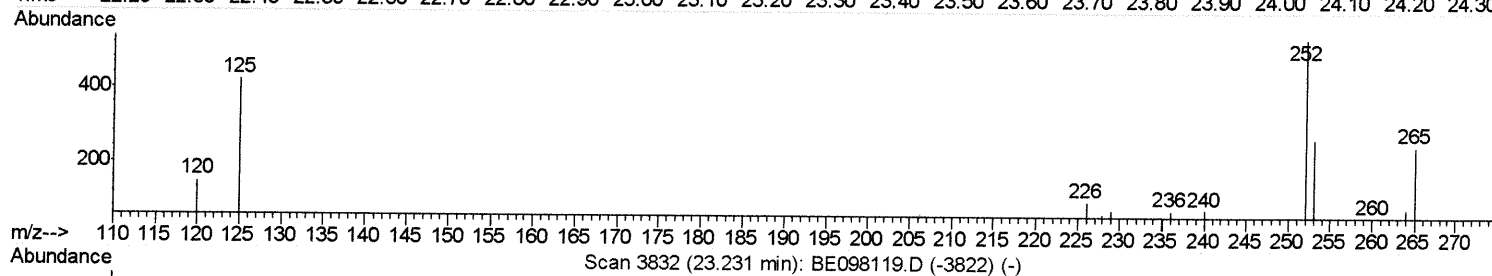
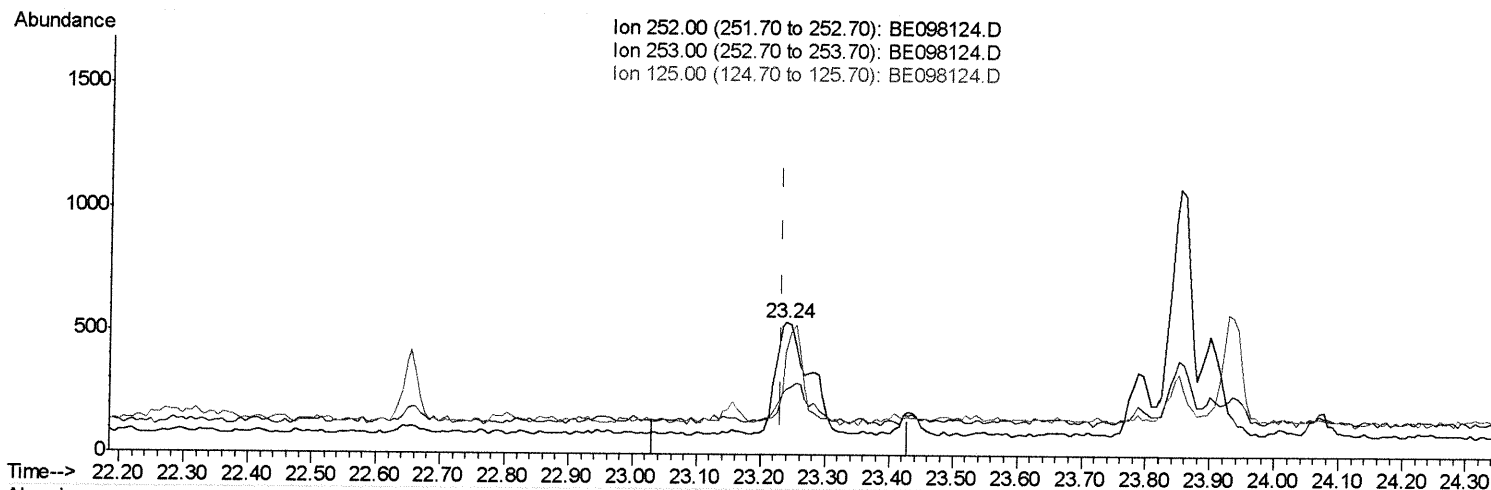
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:38:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene
23.239min (+0.008) 0.07ng/ul
response 1666

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	50.09#
125.00	8.40	78.40#
0.00	0.00	0.00

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

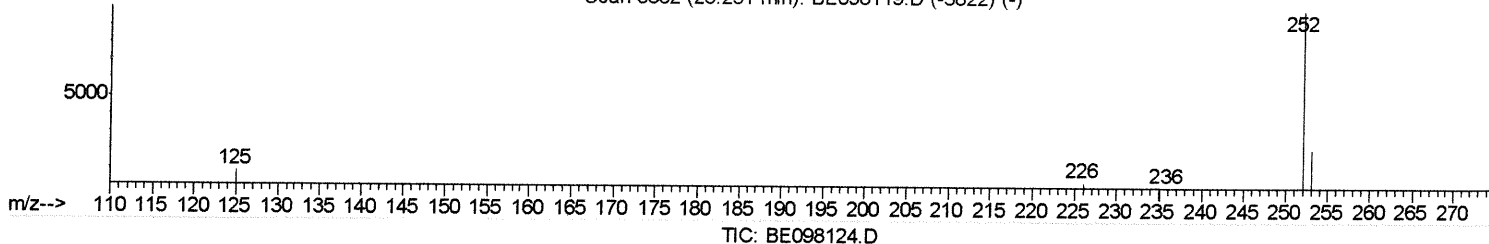
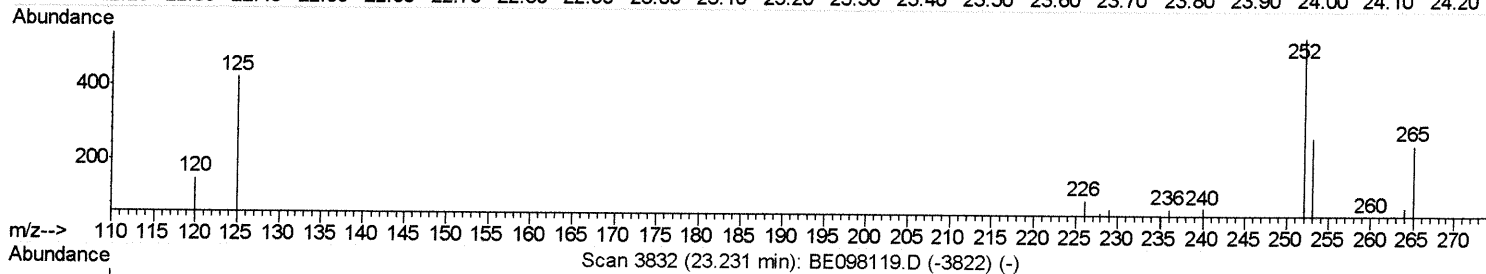
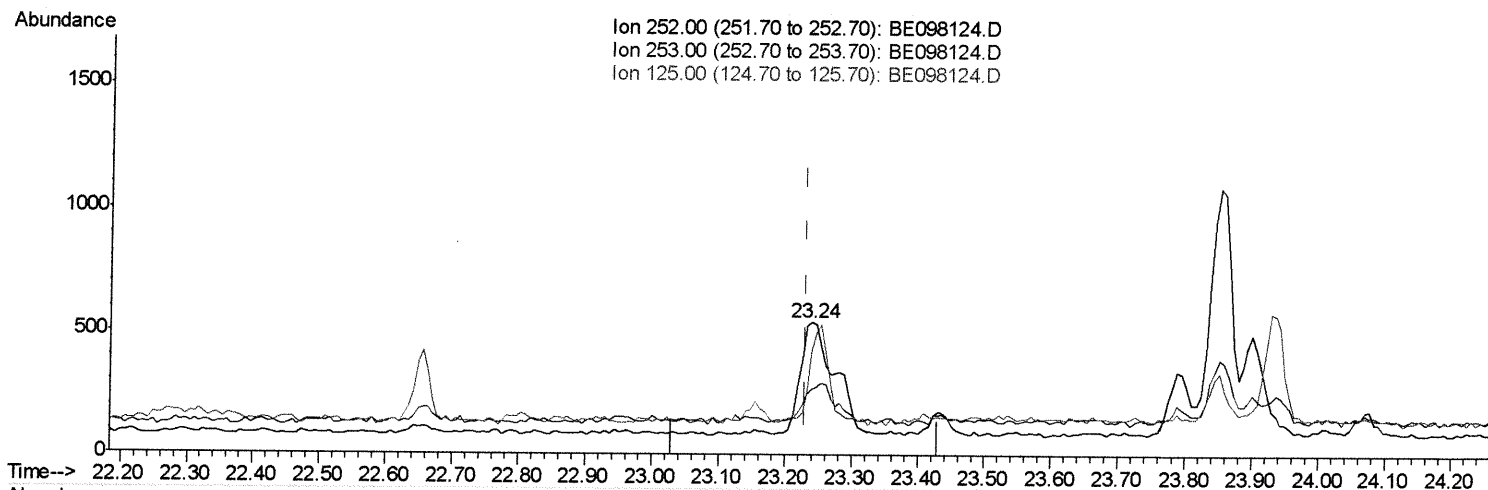
Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:38:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.239min (+0.008) 0.05ng/ul m> SJ 11/2/18

response 1218

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	50.09#
125.00	8.40	78.40#
0.00	0.00	0.00

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

Data File : BE098124.D
Acq On : 31 Oct 2018 20:07
Operator : SJ/JU
Sample : J5701-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
A40E8

Manual Integrations
APPROVED

Sohil
11/1/2018 11:08:05 AM

Quant Time: Nov 01 02:40:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 01 02:11:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1138	0.40	ng/ul	0.00
2) Naphthalene-d8	10.67	136	5282	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3728	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	8367m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	9179m	0.40	ng/ul	0.00
20) Perylene-d12	24.01	264	8828m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2780	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	9000m	0.33	ng/ul	0.00
Target Compounds						
12) Phenanthrene	17.32	178	497m	0.026	ng/ul	77
15) Fluoranthene	19.35	202	1432m	0.058	ng/ul	
17) Pyrene	19.71	202	1490	0.070	ng/ul#	
18) Benzo(a)anthracene	21.45	228	1204m	0.045	ng/ul	
19) Chrysene	21.50	228	875m	0.042	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	1218m	0.050	ng/ul	
23) Benzo(a)pyrene	23.90	252	881	0.037	ng/ul#	40

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