

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (QT Reviewed)

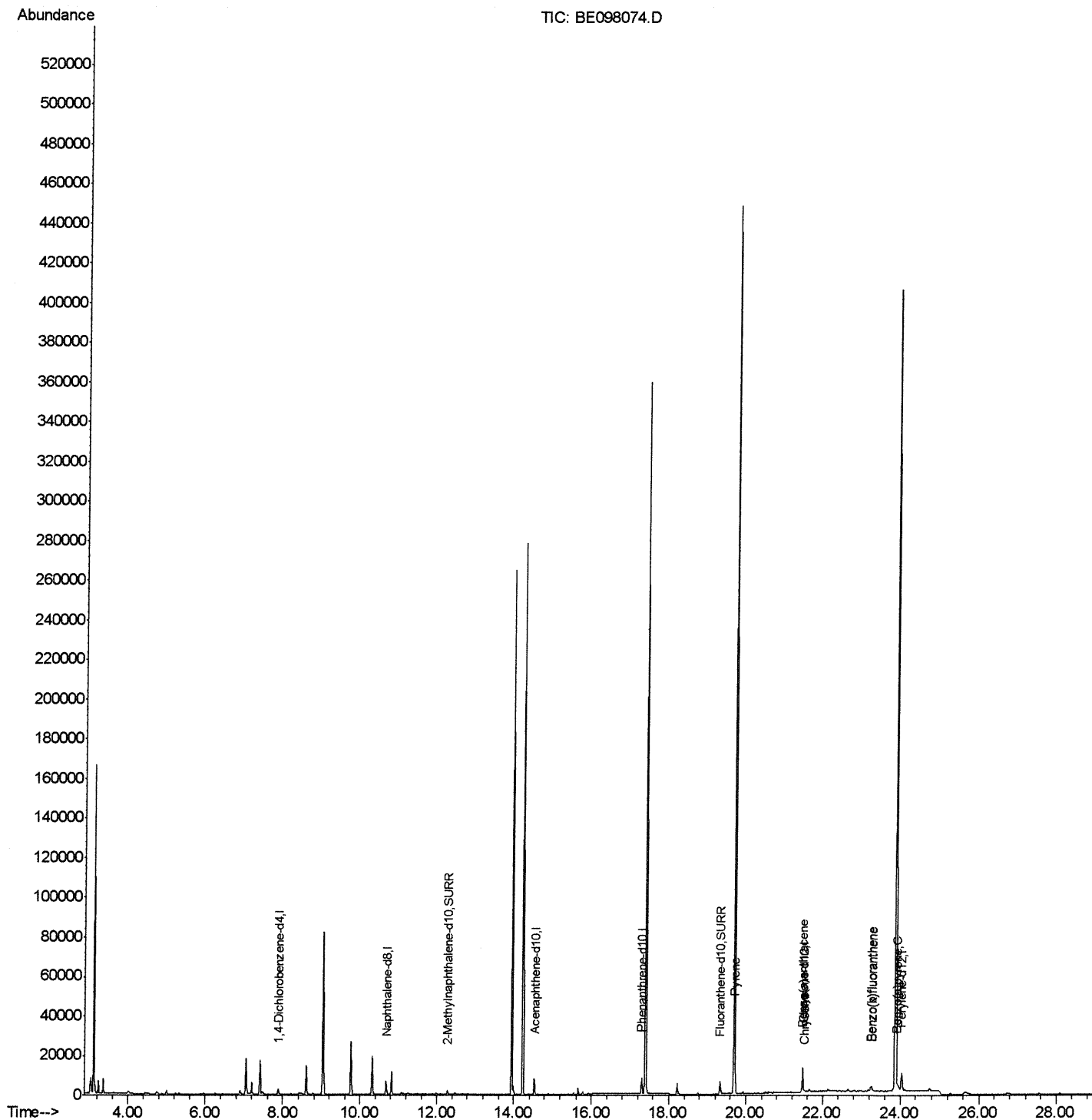
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:06:23 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

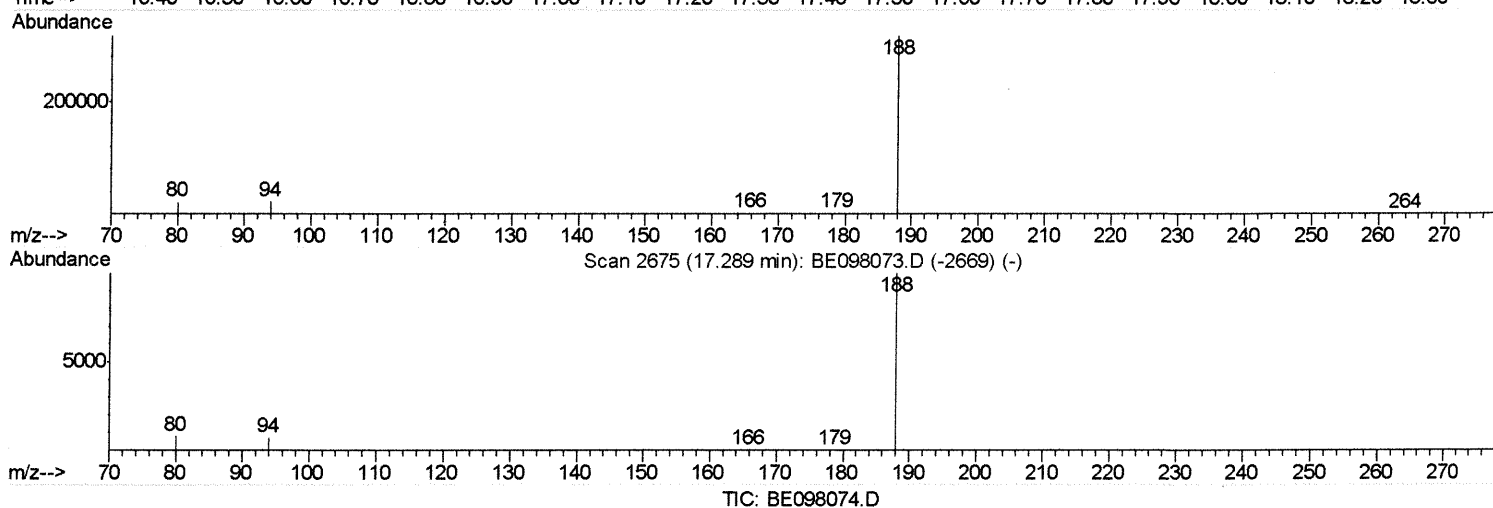
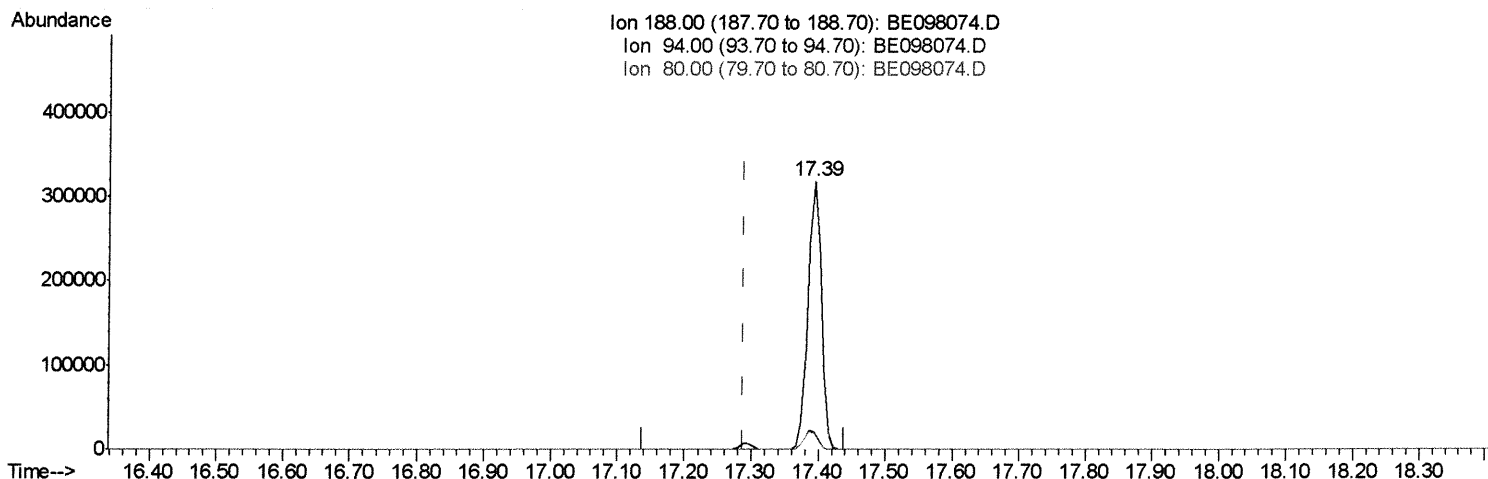
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 07:45:49 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.394min (+0.105) 0.40ng/ul

response 448972

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	6.77
80.00	8.50	6.46#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

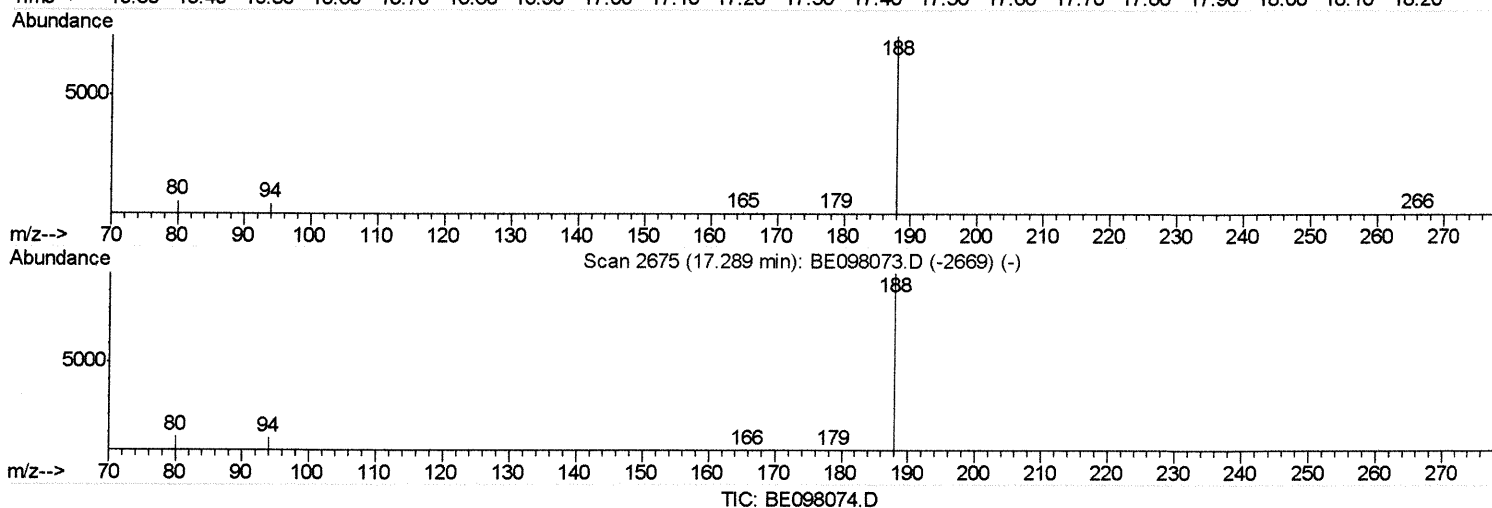
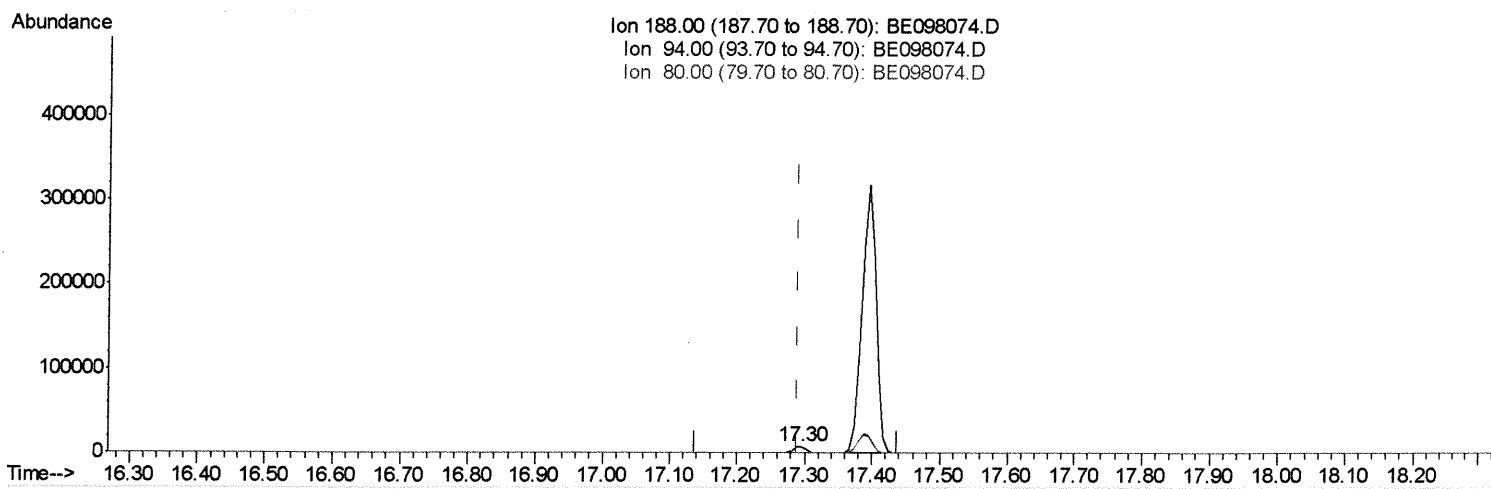
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 07:45:49 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.296min (+0.006) 0.40ng/ul m > SJ 10/29/18

response 10769

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	6.34
80.00	8.50	7.54
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

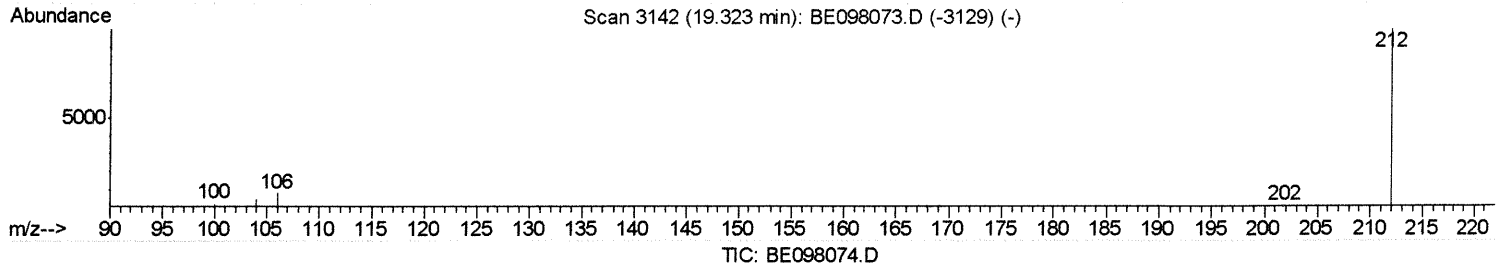
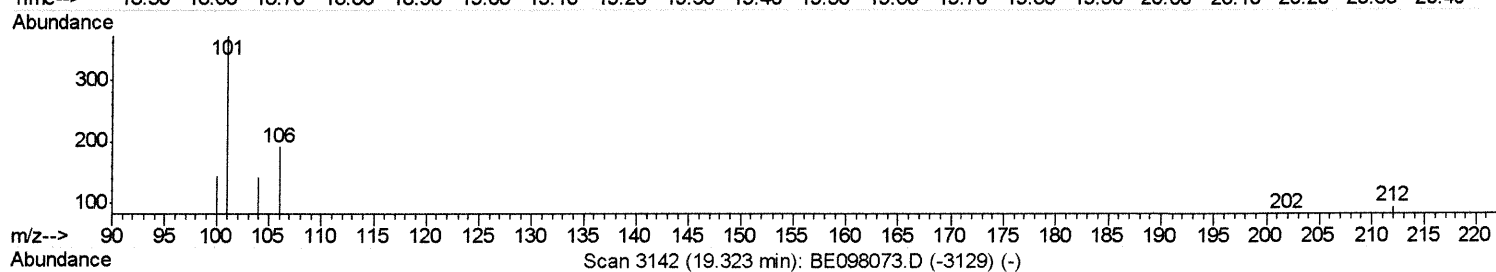
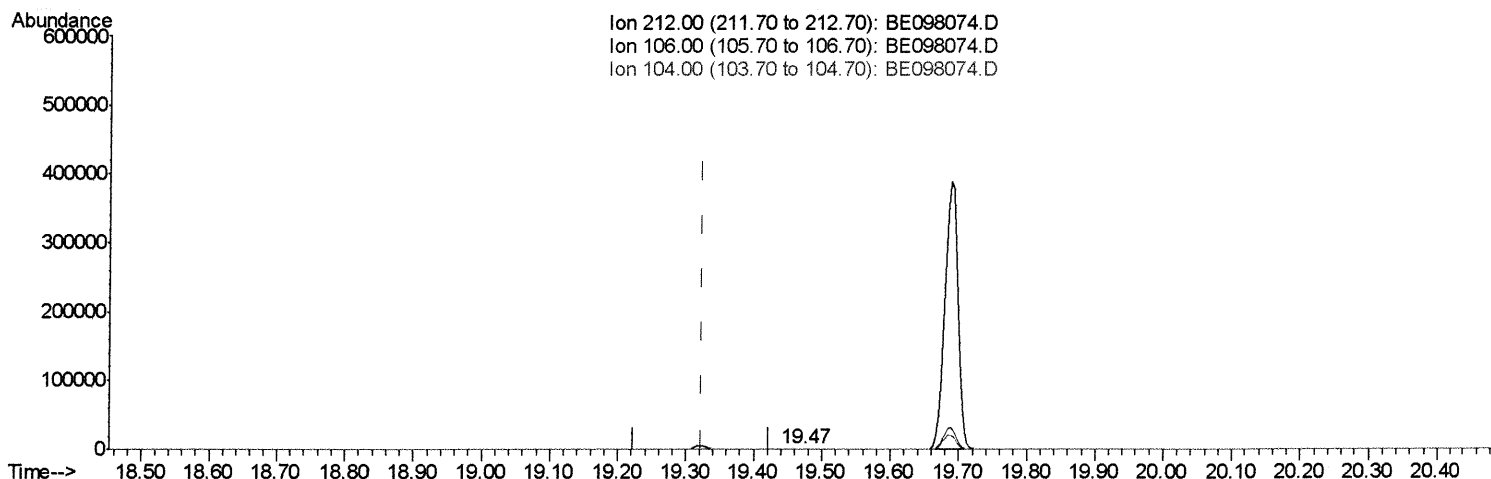
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:00:55 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.473min (+0.150) 0.00ng/ul

response 26

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	80.77#
104.00	4.20	46.15#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

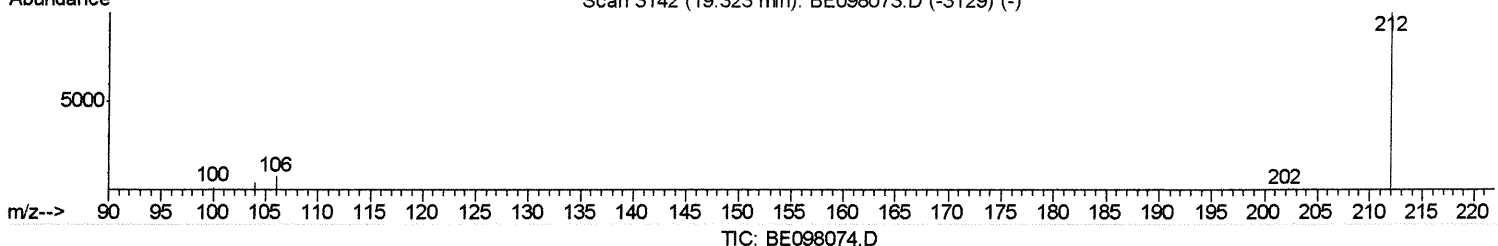
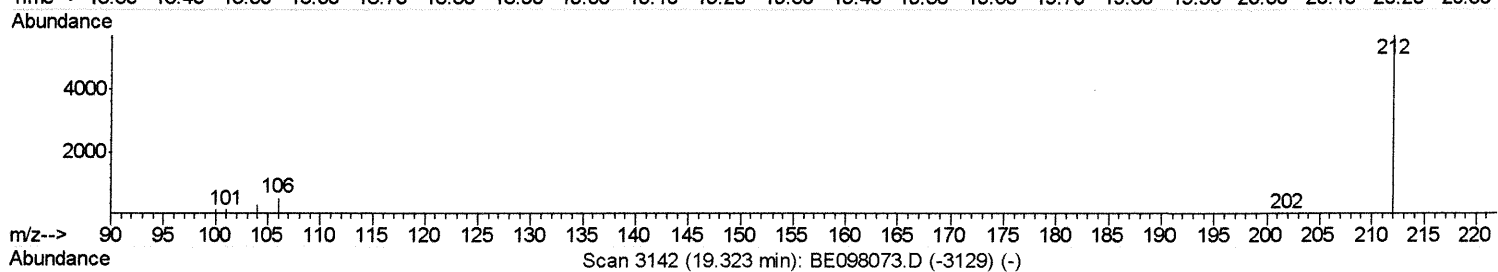
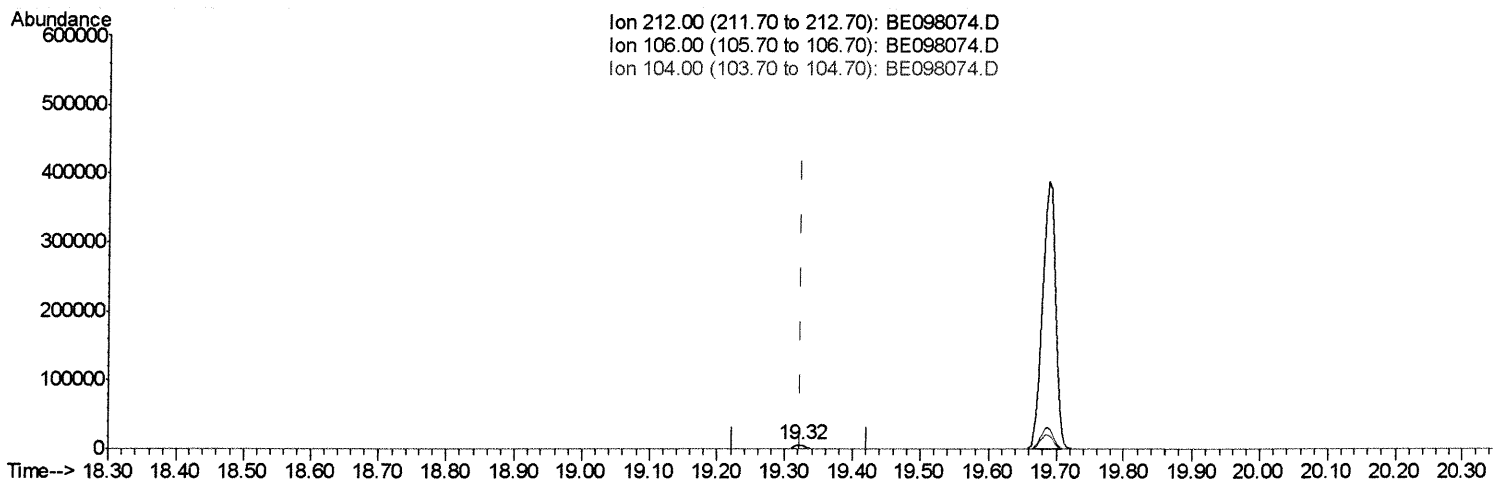
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:00:55 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.323min (+0.000) 0.22ng/ul m > 5010K9118

response 7549

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	0.28#
104.00	4.20	0.16#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

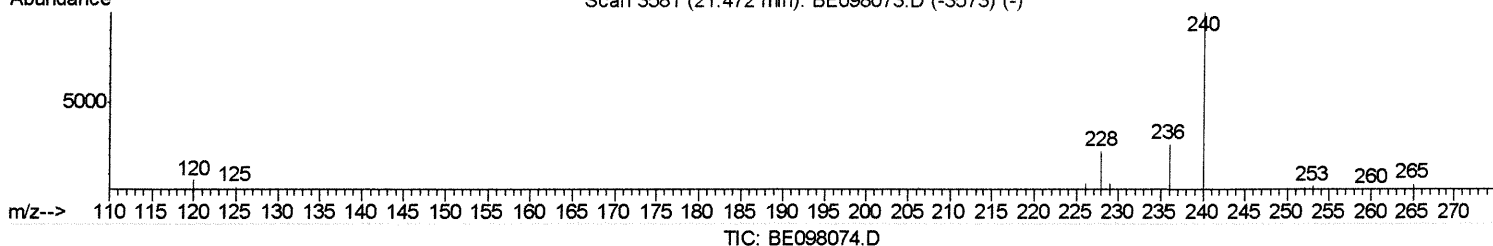
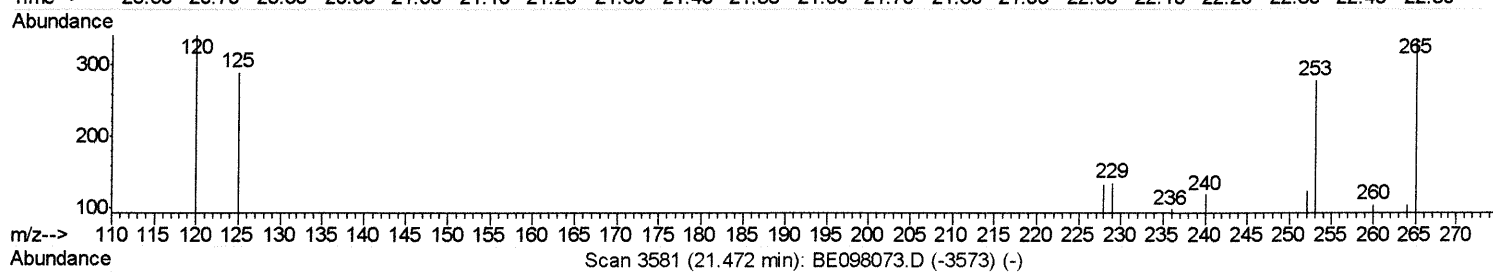
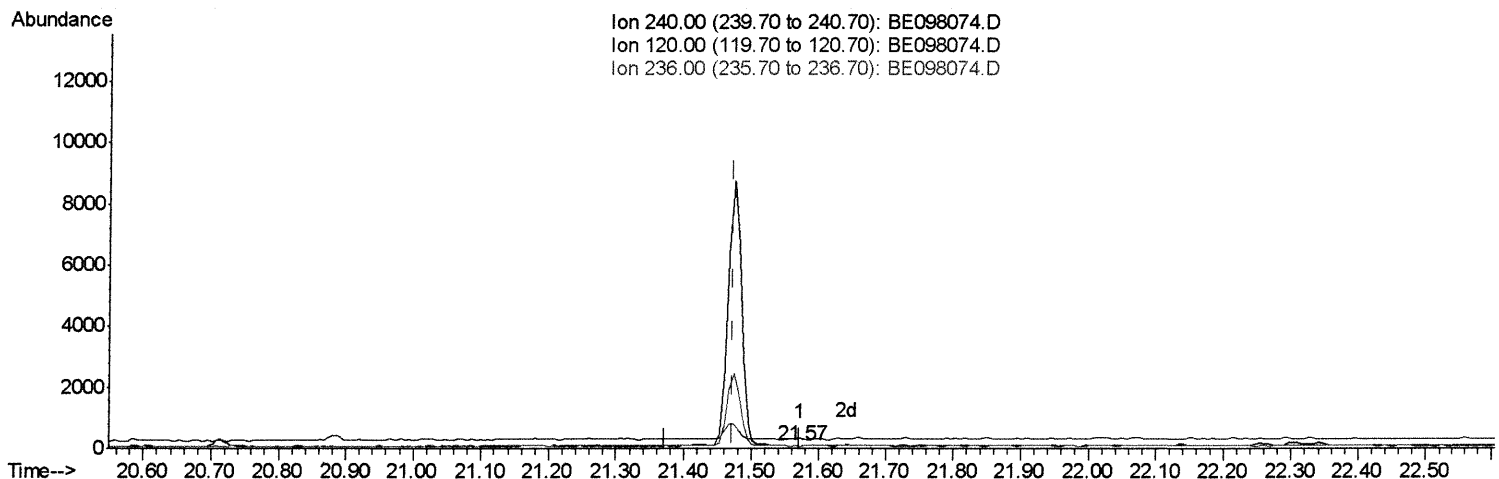
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:00:55 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.572min (+0.099) 0.40ng/ul

response 29

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	285.71#
236.00	26.20	83.19#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

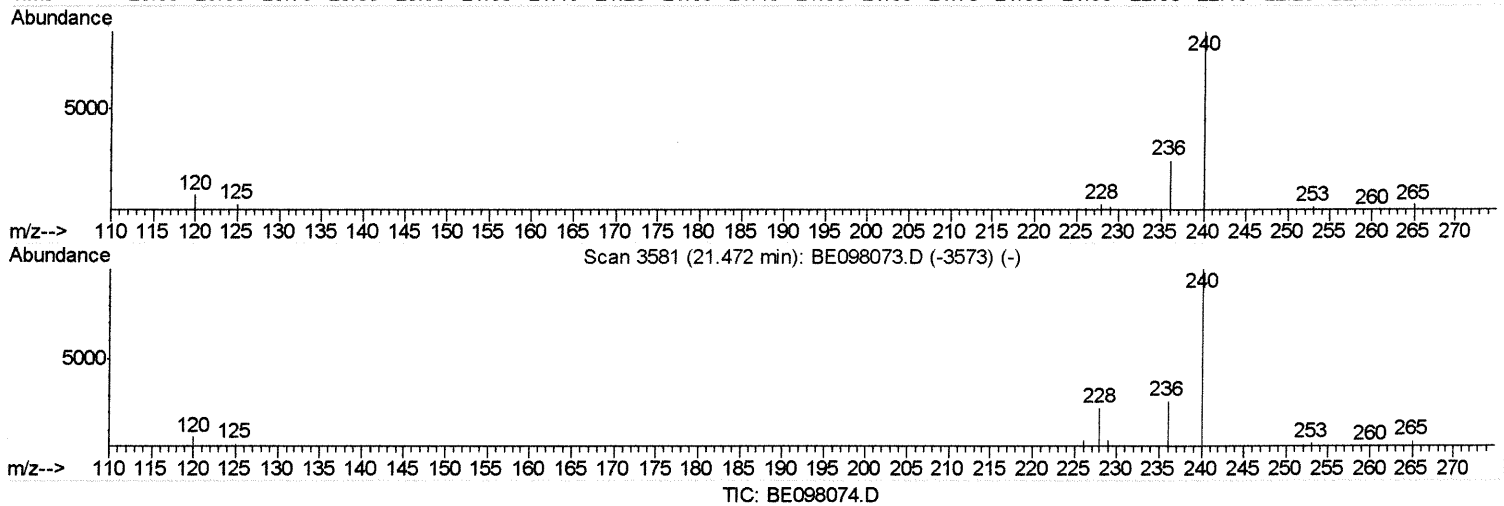
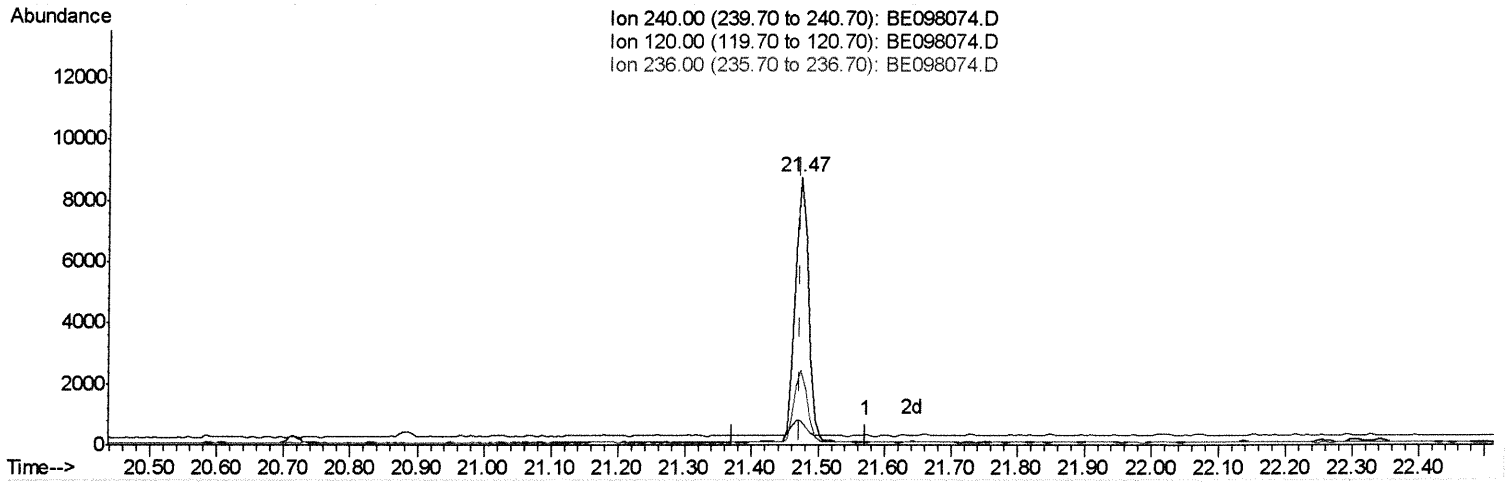
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:00:55 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.473min (+0.001) 0.40ng/ul m> SJ 10/29/18

response 11913

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	9.28#
236.00	26.20	28.27
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

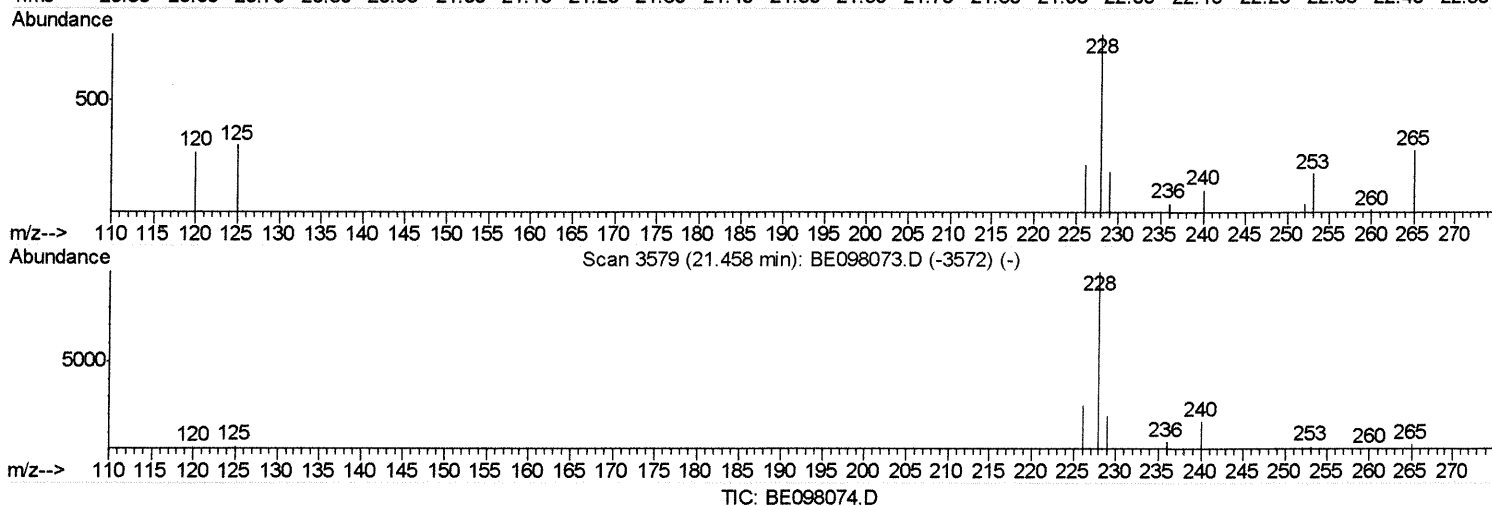
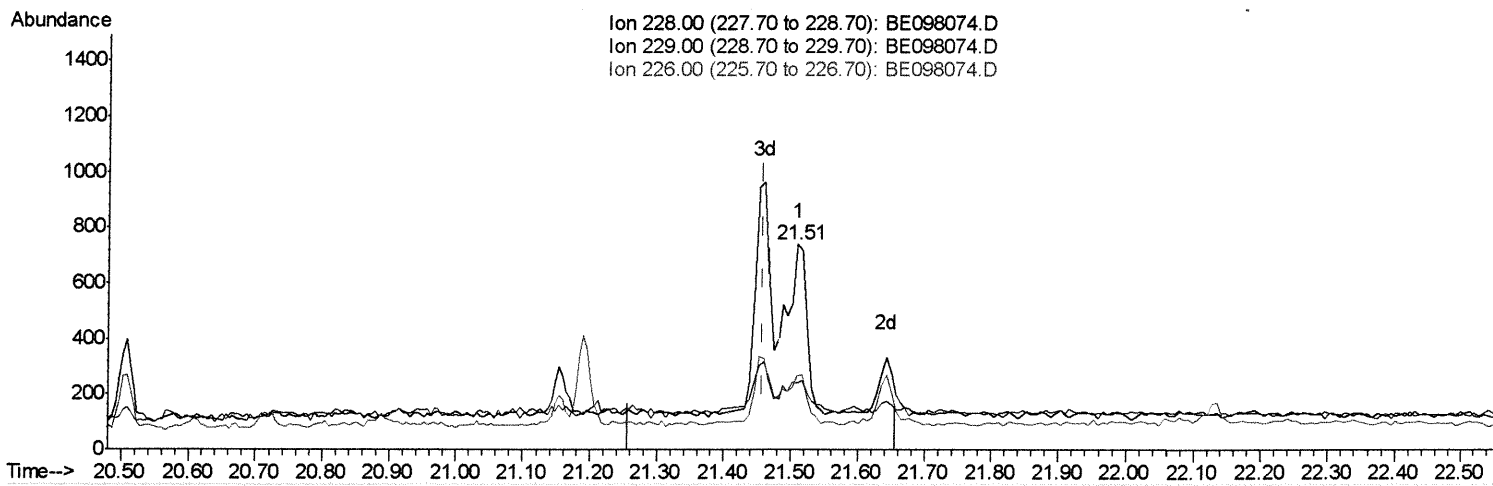
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.508min (+0.050) 0.03ng/ul

response 1190

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	32.61#
226.00	27.80	35.99#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

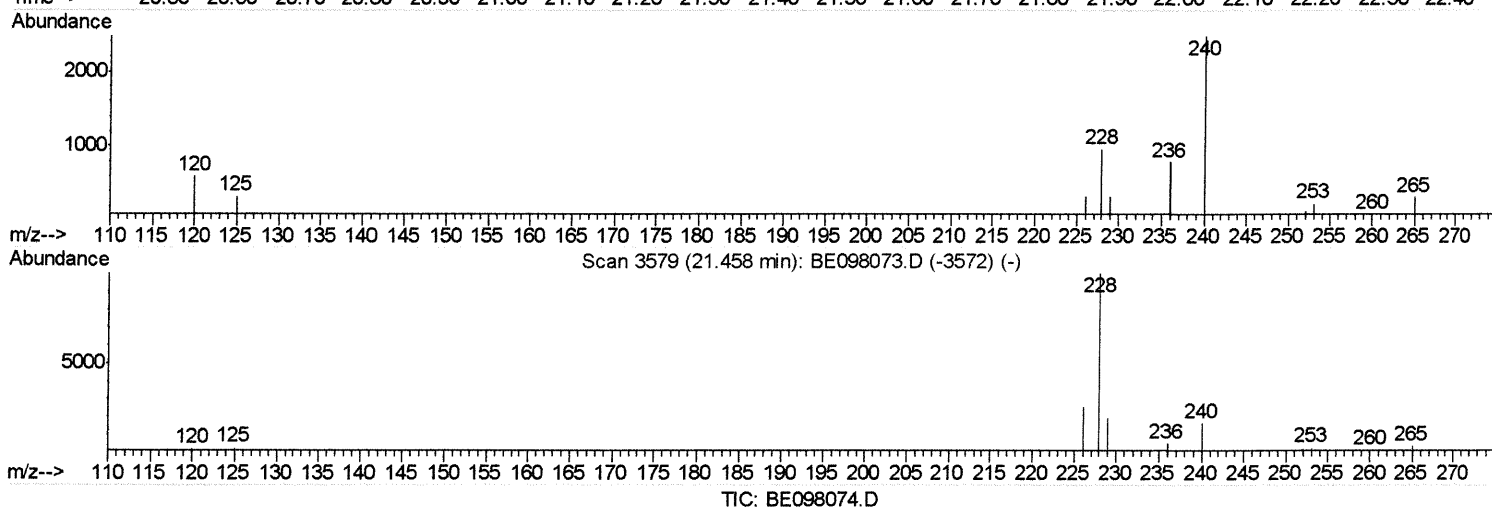
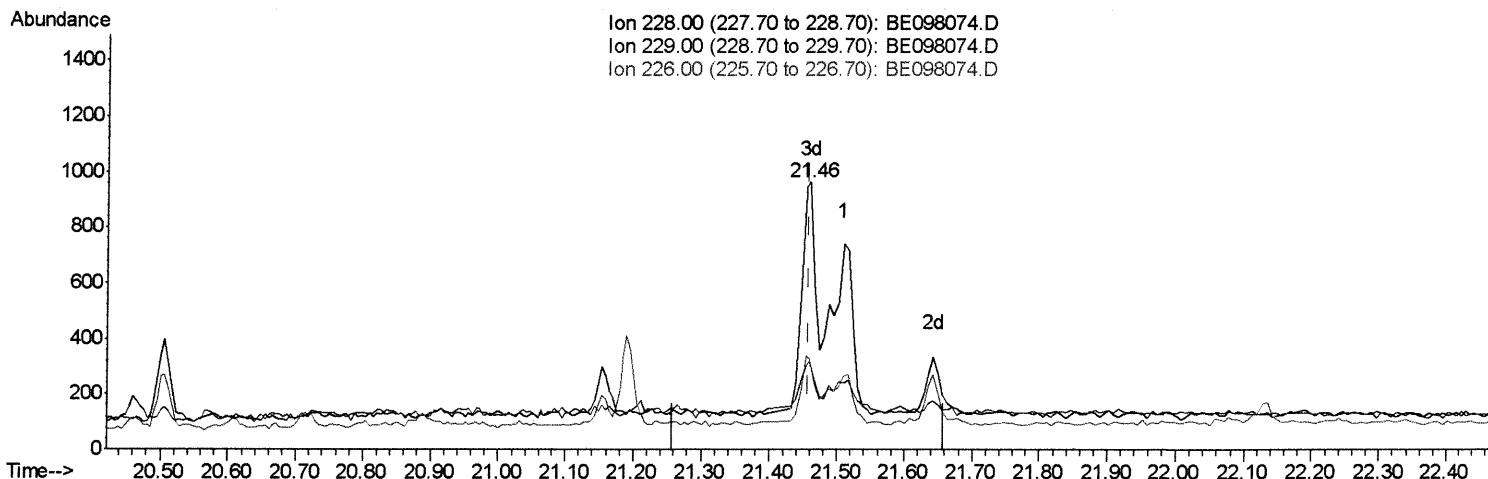
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.459min (+0.001) 0.03ng/ul m > SA 10/24/18

response 1203

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	33.33#
226.00	27.80	34.06#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

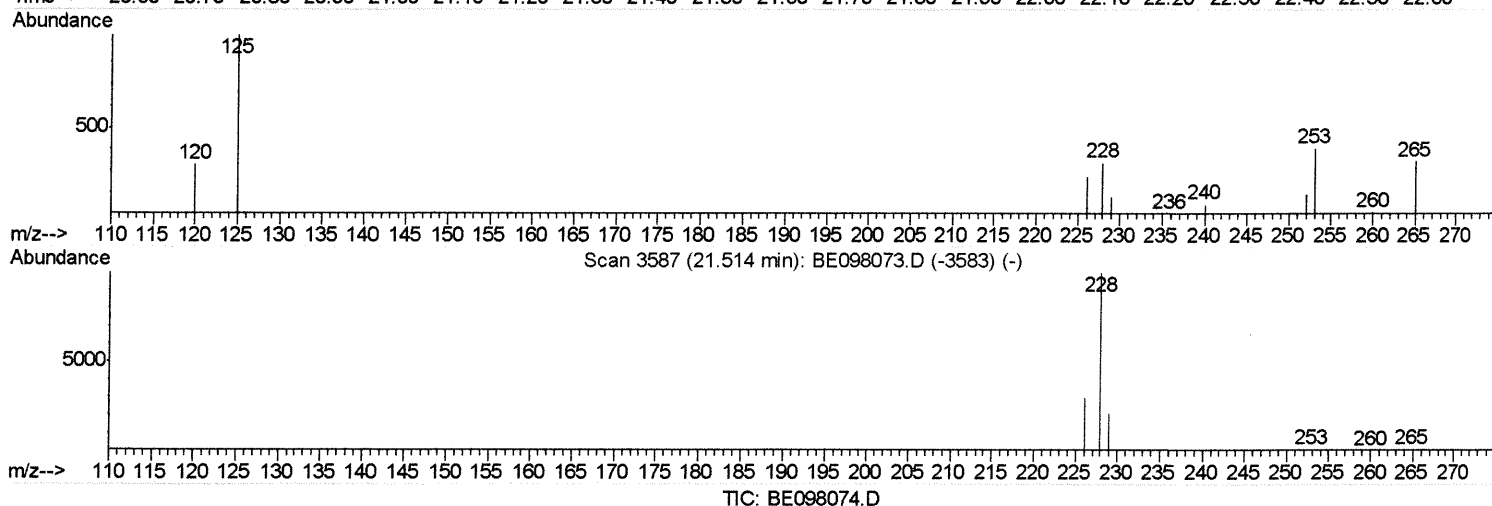
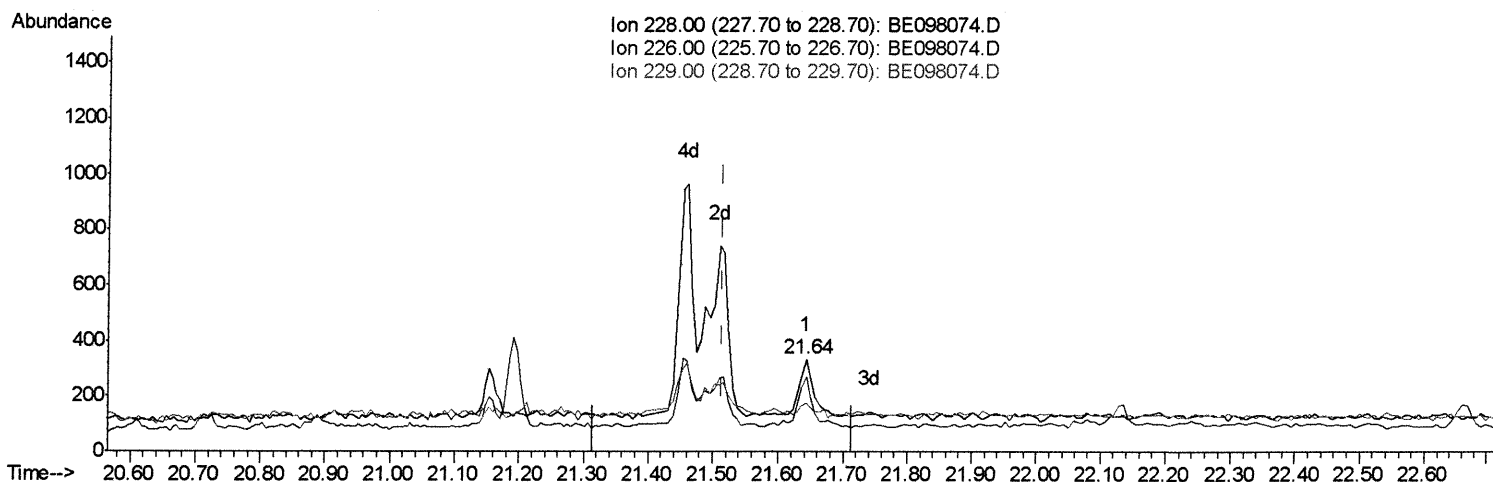
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(19) Chrysene

21.642min (+0.128) 0.01ng/ul

response 342

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	80.60#
229.00	20.50	52.24#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

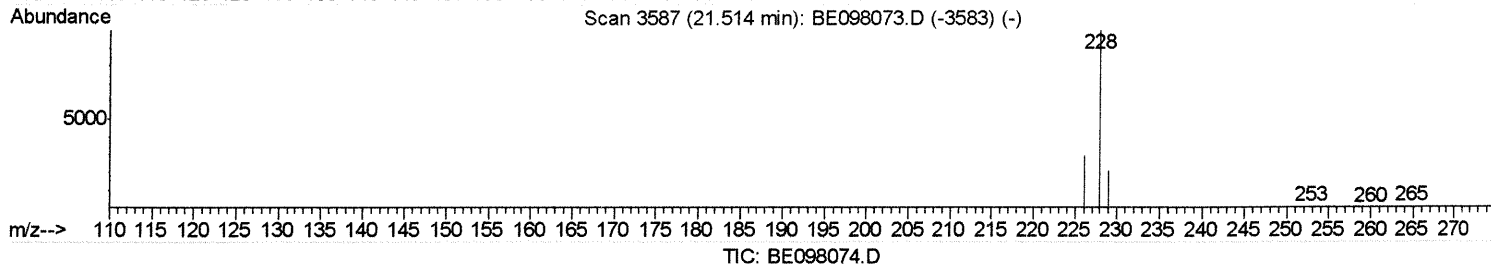
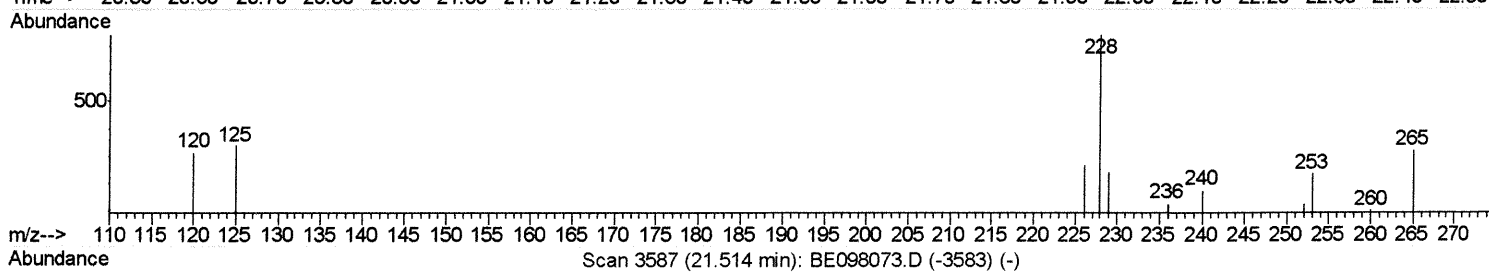
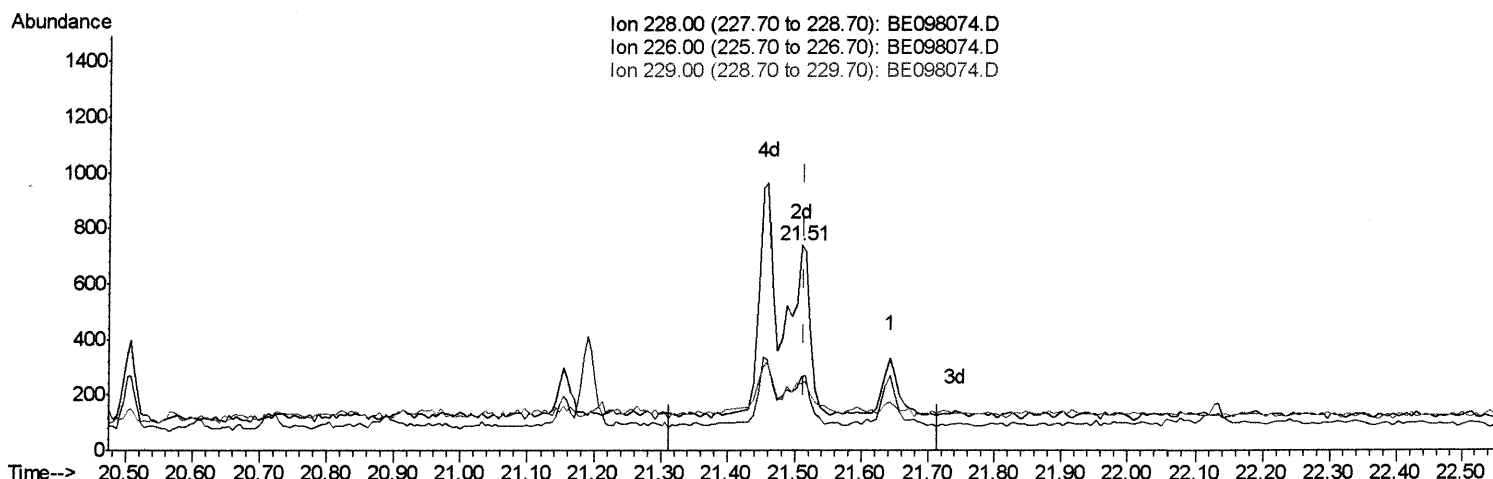
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(19) Chrysene

21.508min (-0.006) 0.05ng/ul m > SD 10/29/18

response 1338

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	35.99
229.00	20.50	32.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

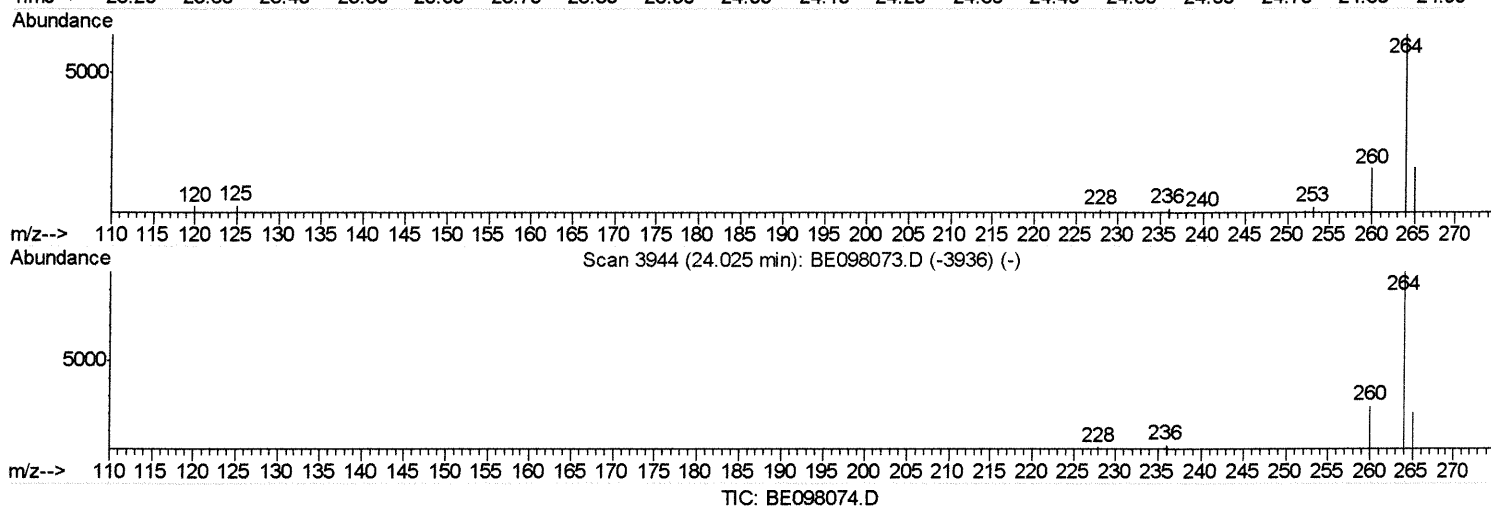
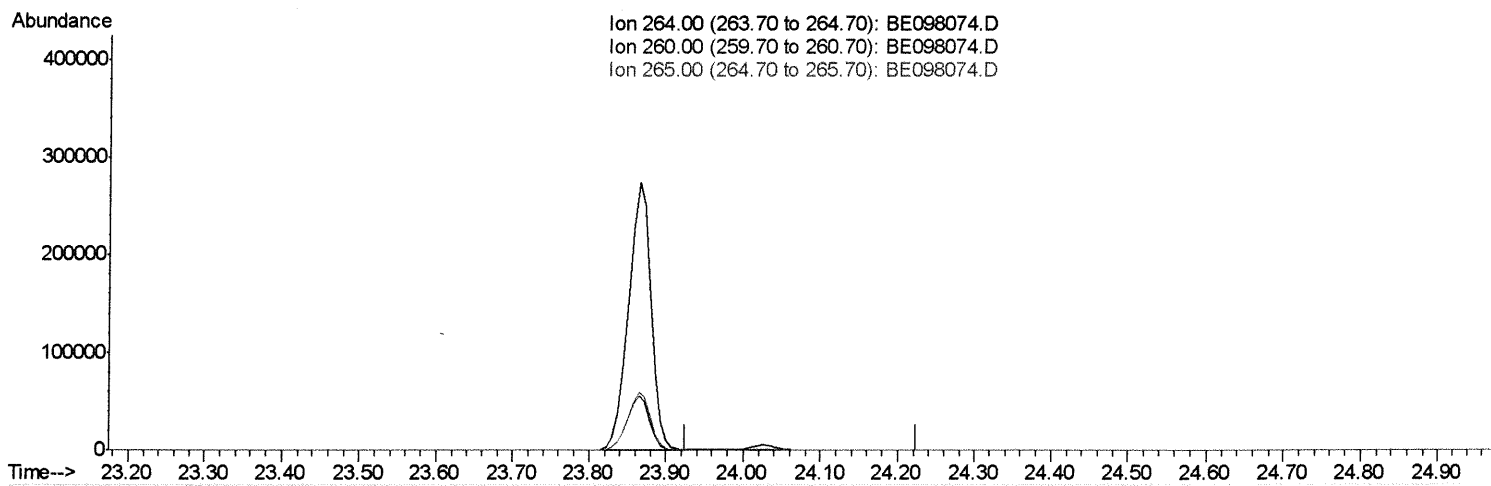
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.025min (-24.025) 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\BE102518\
Quantitation Report (Qedit)

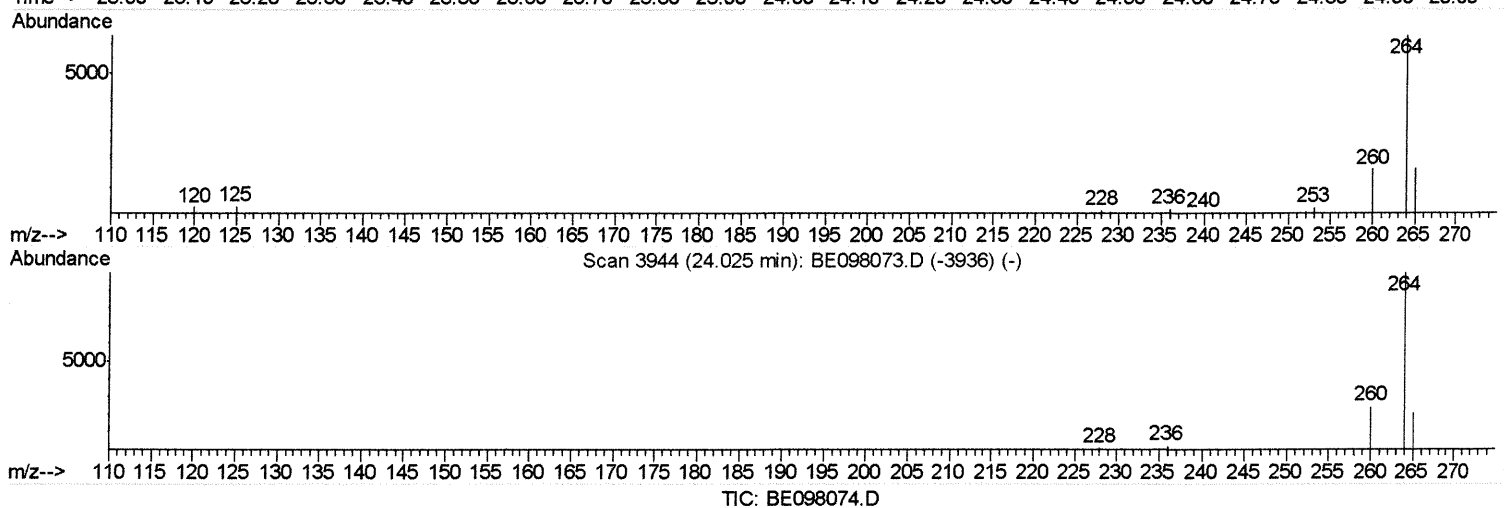
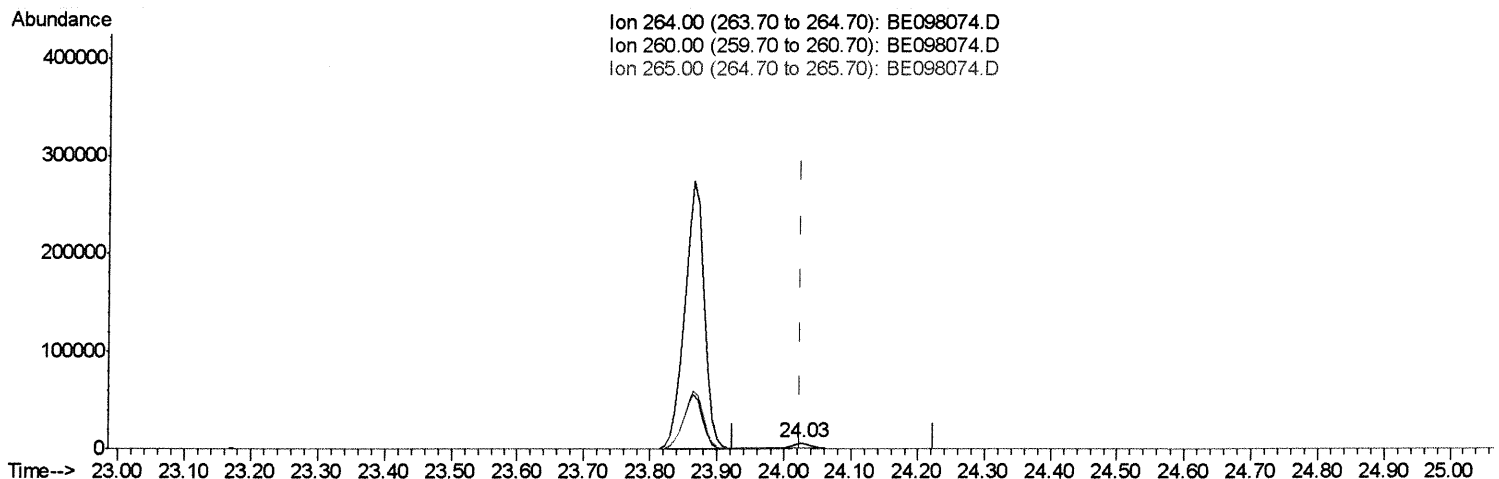
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:01:35 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

24.026min (+0.001) 0.40ng/ul m > SJ 10/29/18

response 11307

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	25.60
265.00	28.00	26.78
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

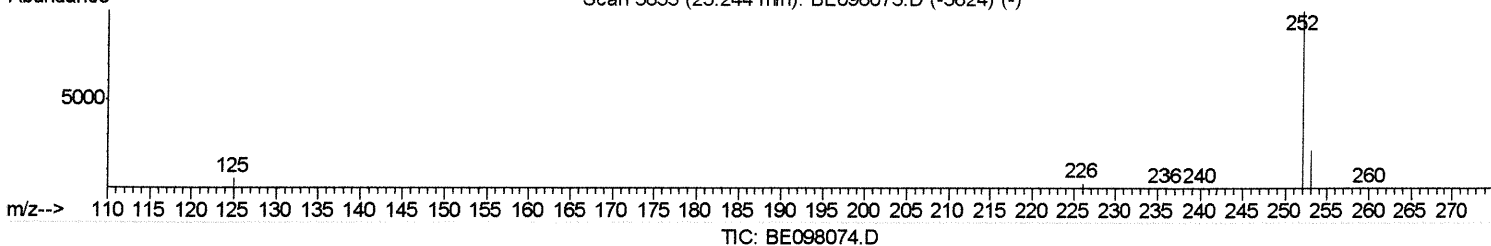
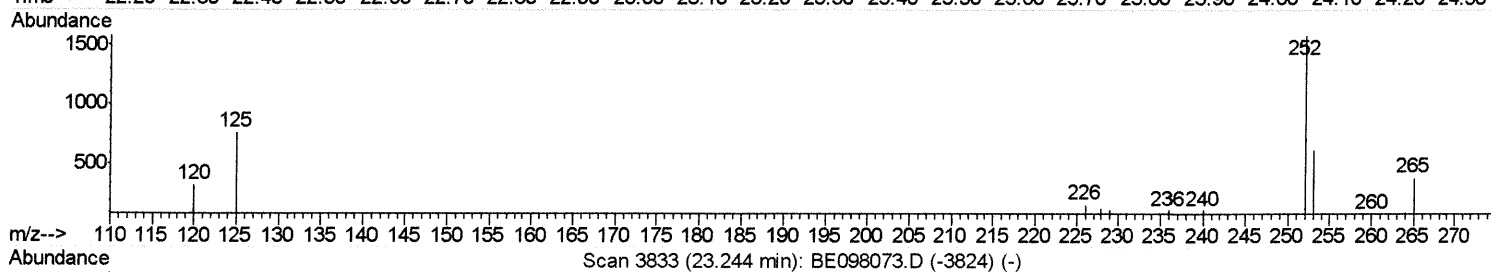
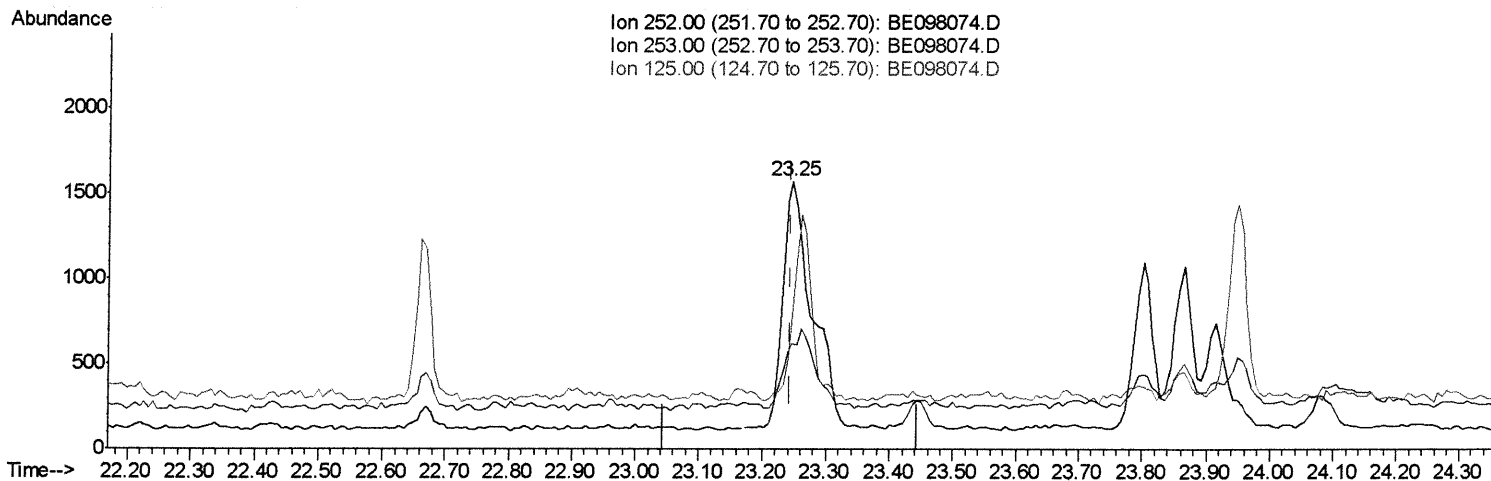
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:02:46 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.245min (+0.001) 0.15ng/ul

response 4662

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	39.47
125.00	8.40	48.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

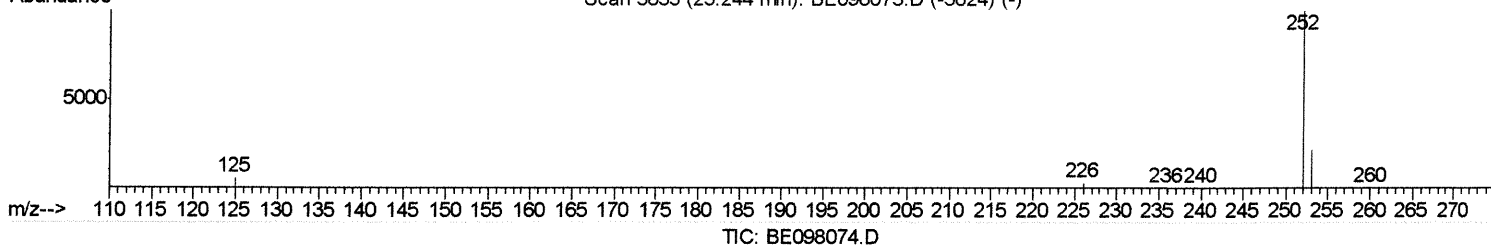
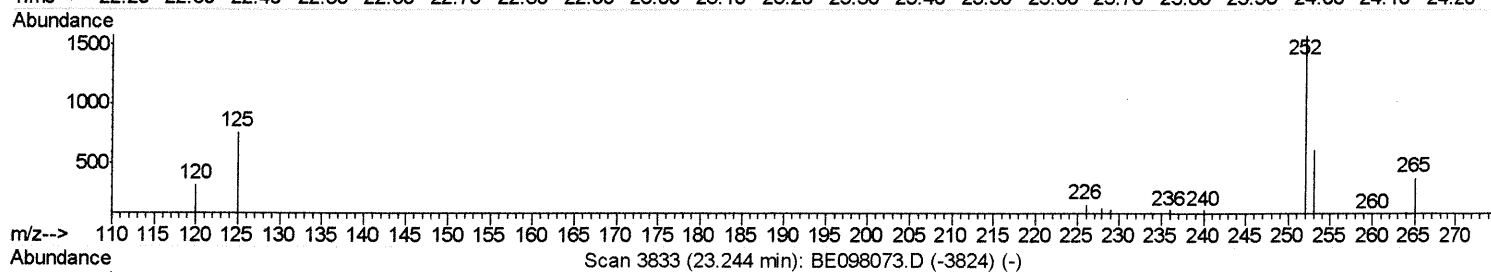
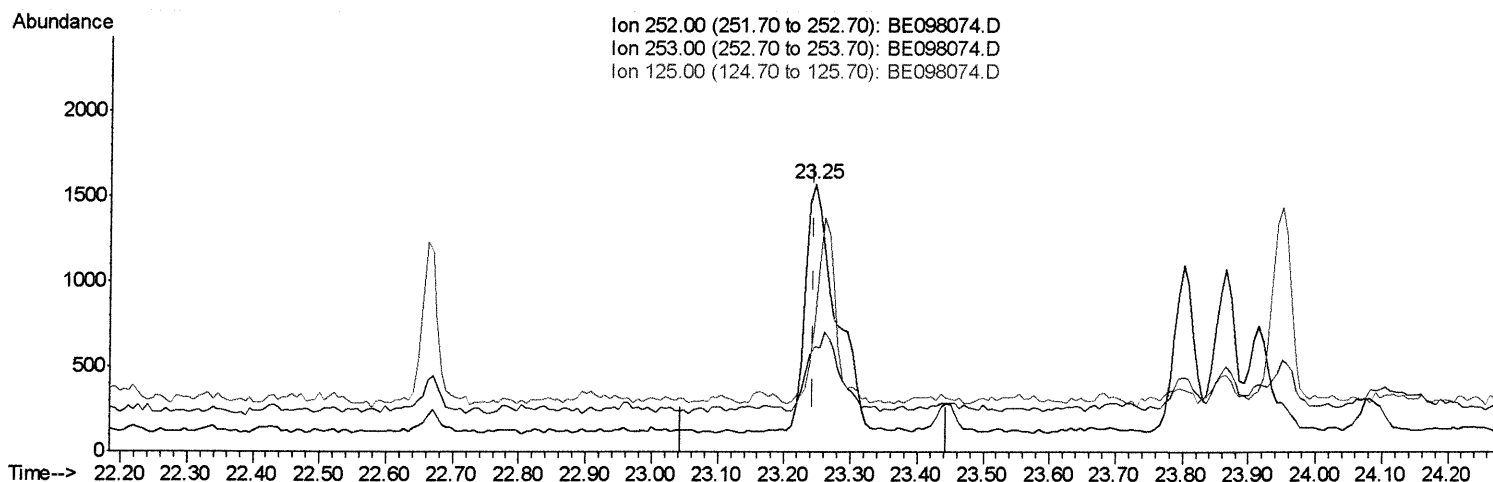
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:02:46 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.245min (+0.001) 0.11ng/ul m> SJ 10/19/18

response 3463

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	39.47
125.00	8.40	48.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

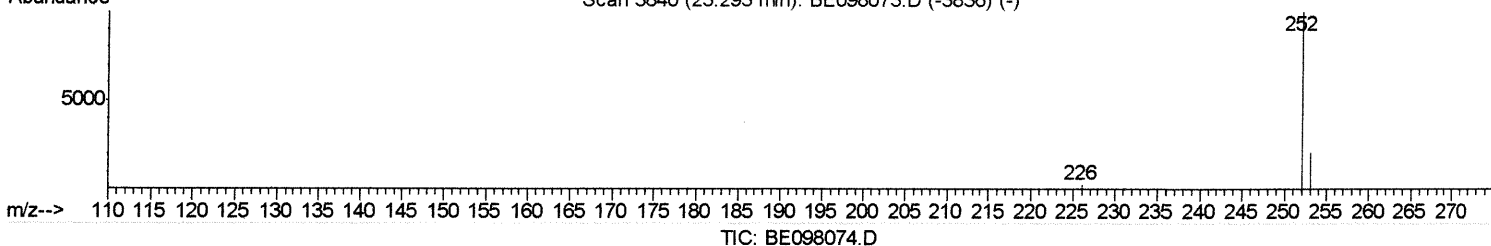
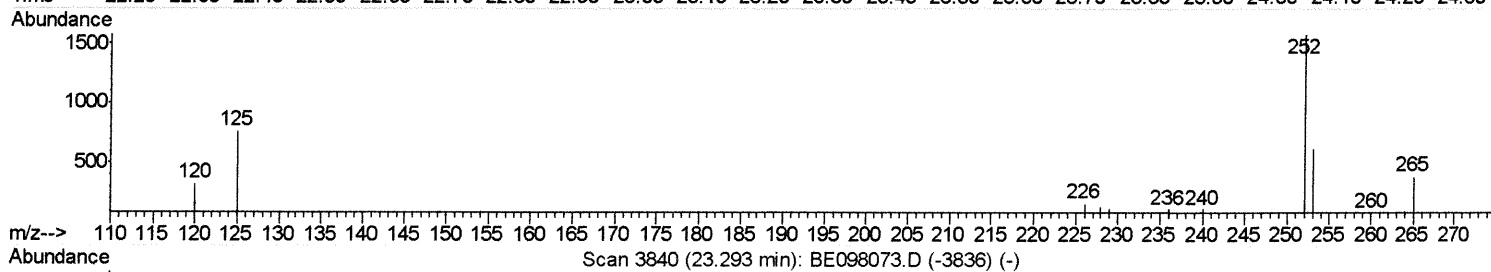
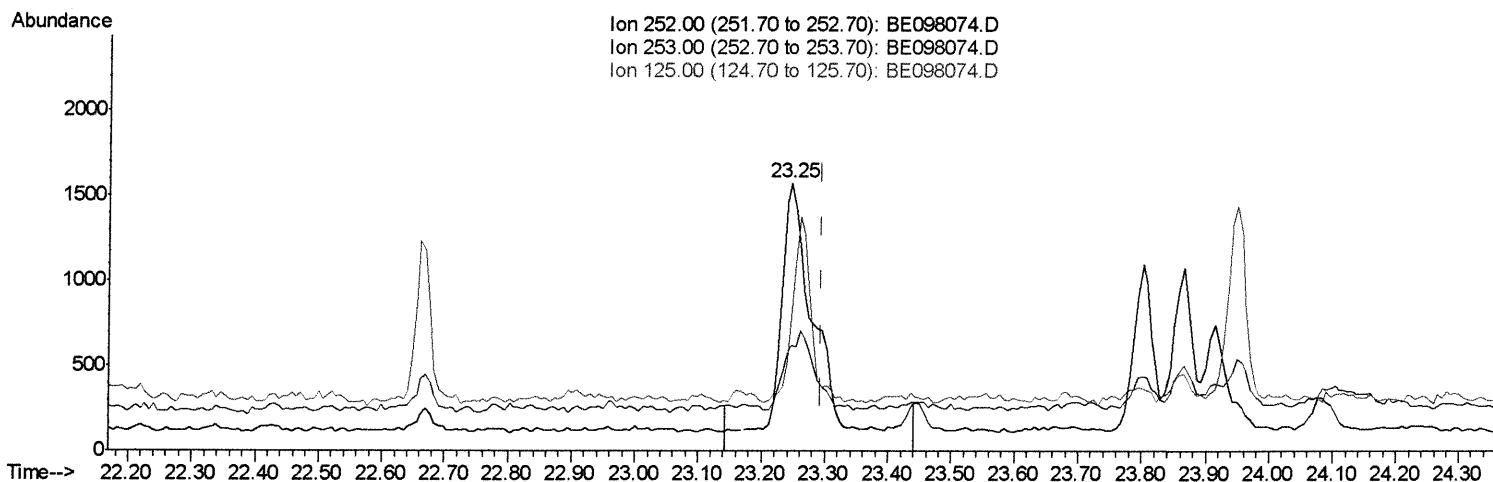
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:02:46 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.245min (-0.048) 0.15ng/ul

response 4662

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	39.47#
125.00	7.70	48.57#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

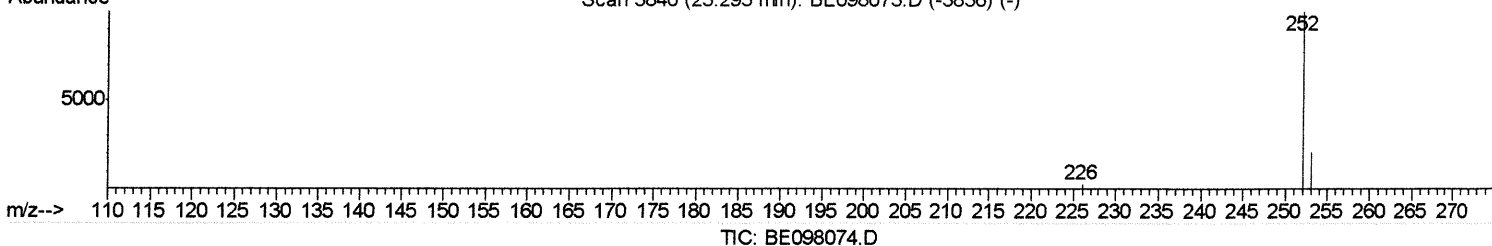
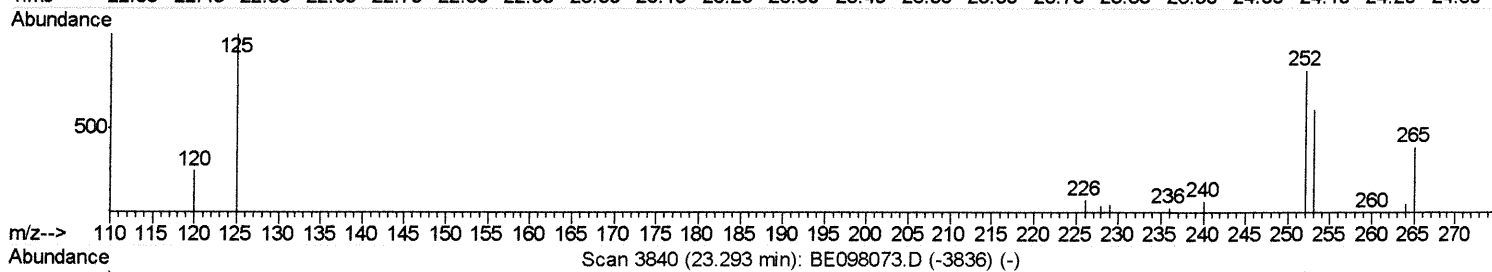
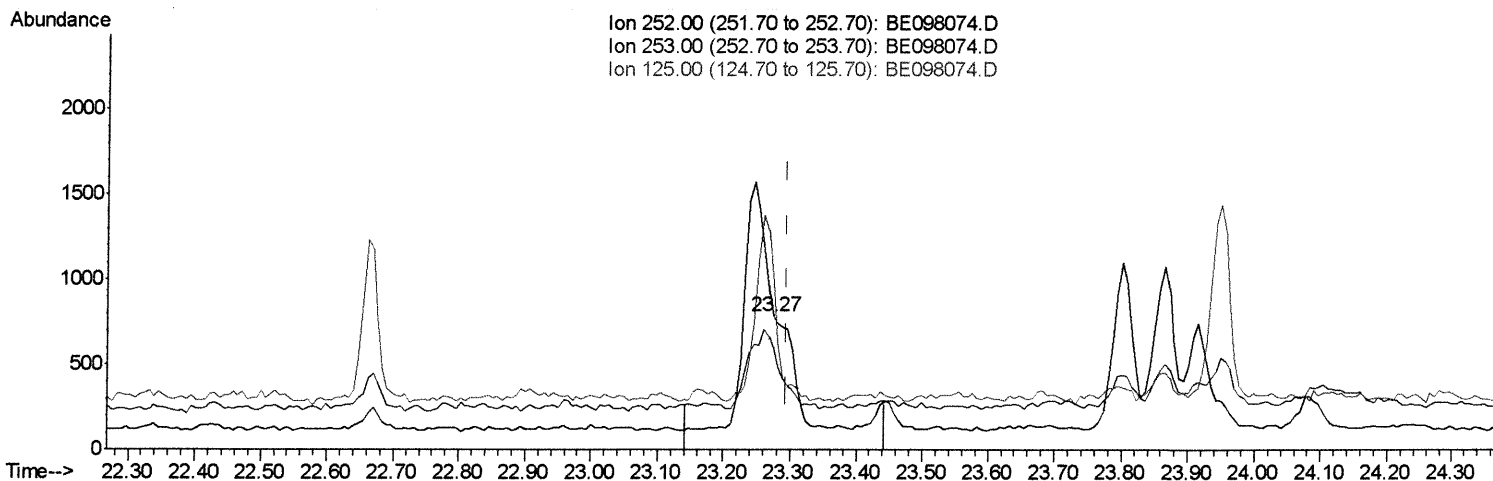
Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:02:46 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.273min (-0.020) 0.04ng/ul m > SJ 10/29/18

response 1205

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	76.03#
125.00	7.70	122.56#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (QT Reviewed)

Data File : BE098074.D
Acq On : 26 Oct 2018 2:36
Operator : SJ/JU
Sample : J5567-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ1

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:50 PM

Quant Time: Oct 26 08:06:23 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 : Fri Oct 26 07:43:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1319	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	6637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	4671	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	10769m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11913m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	11307m	0.40	ng/ul	0.00

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System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2442	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	7549m	0.22	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Pyrene	19.72	202	1525	0.055	ng/ul#	64
18) Benzo(a)anthracene	21.46	228	1203m	0.034	ng/ul	
19) Chrysene	21.51	228	1338m	0.049	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	3463m	0.111	ng/ul	
22) Benzo(k)fluoranthene	23.27	252	1205m	0.039	ng/ul	
23) Benzo(a)pyrene	23.91	252	1374	0.046	ng/ul#	27

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