

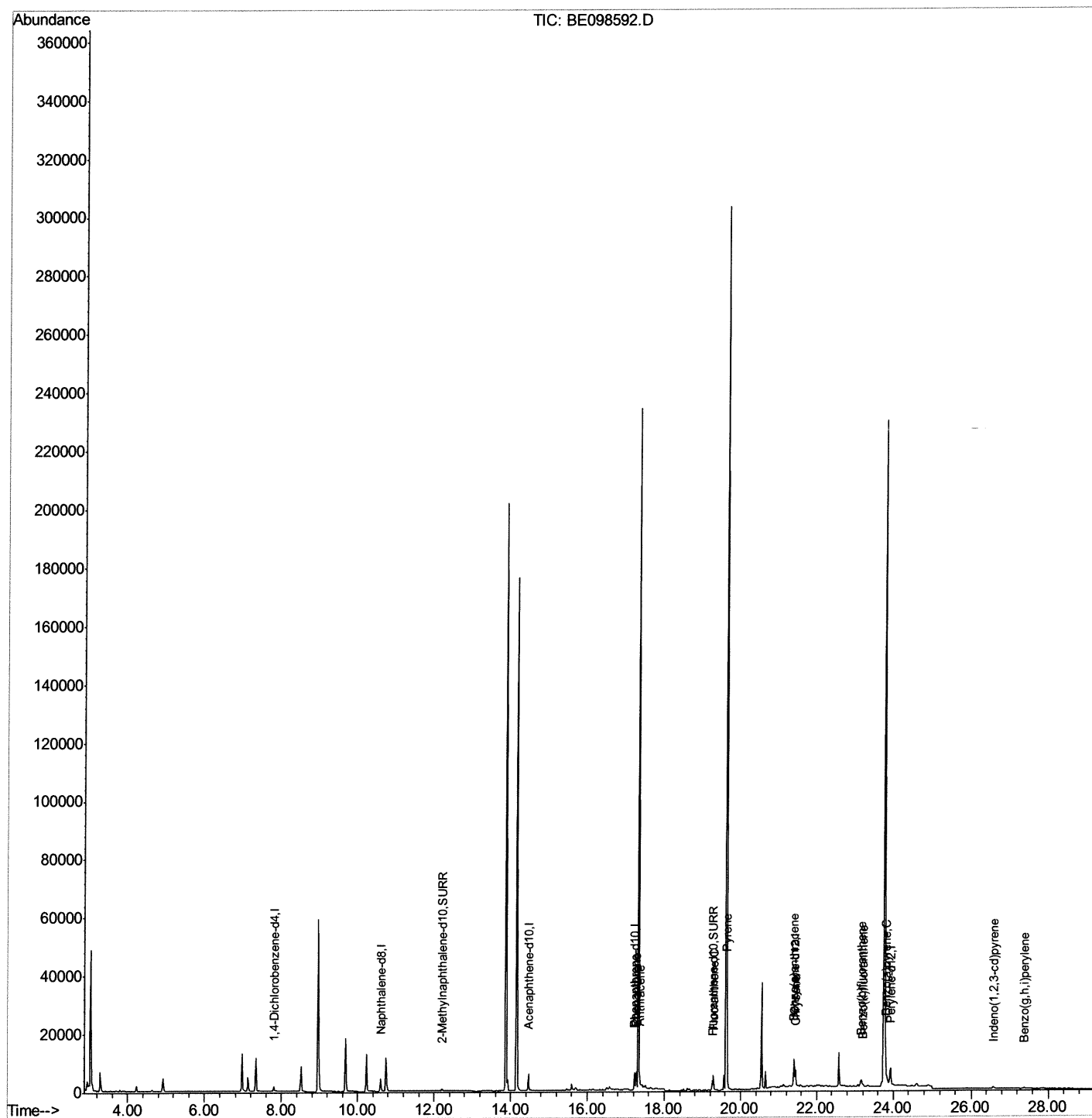
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (QT Reviewed)
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:27:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

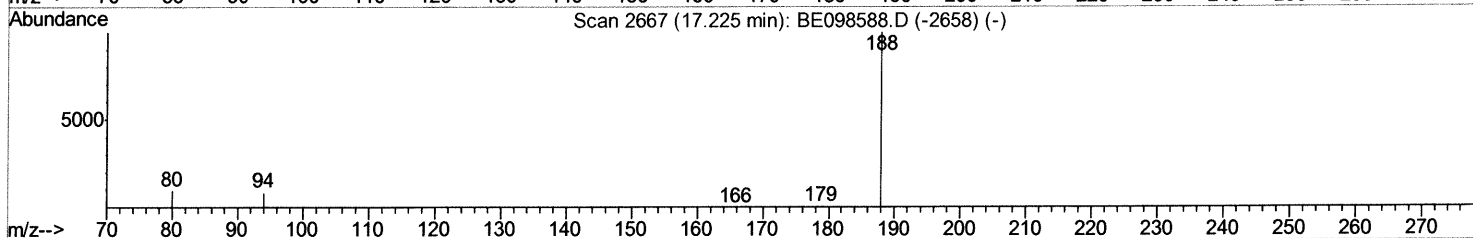
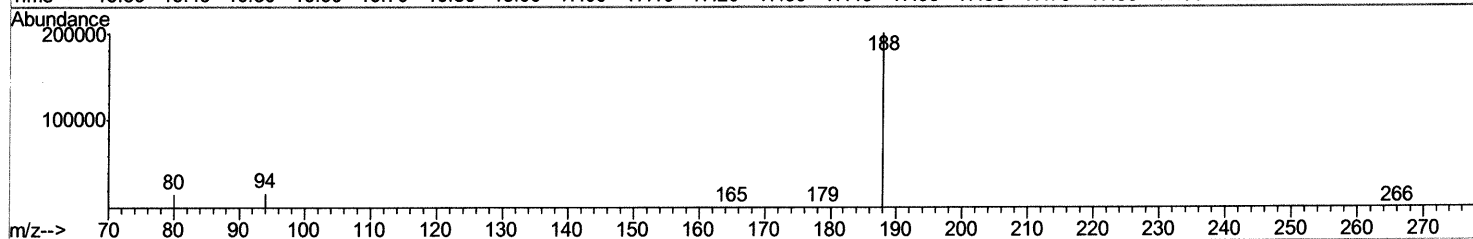
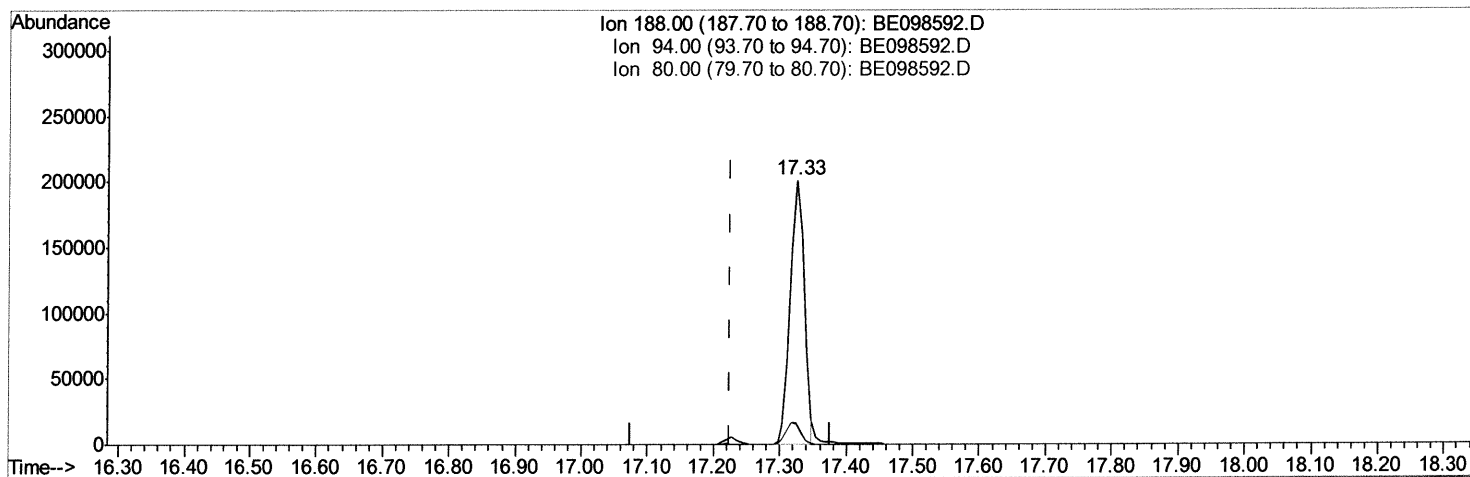
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 02:49:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(10) Phenanthrene-d10 (I)
17.325min (+0.100) 0.40ng/ul
response 286357

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	8.31
80.00	8.50	7.64
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

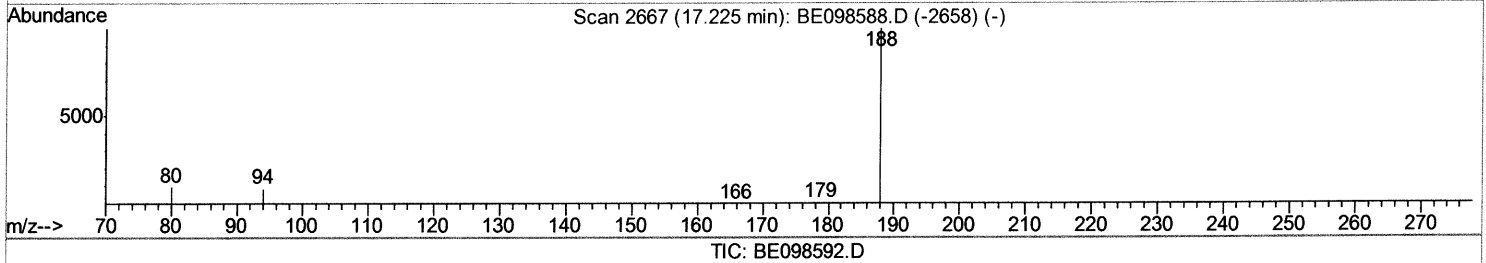
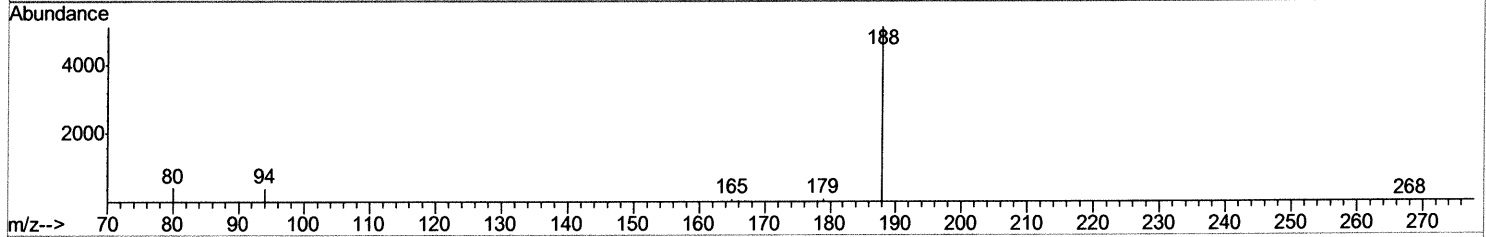
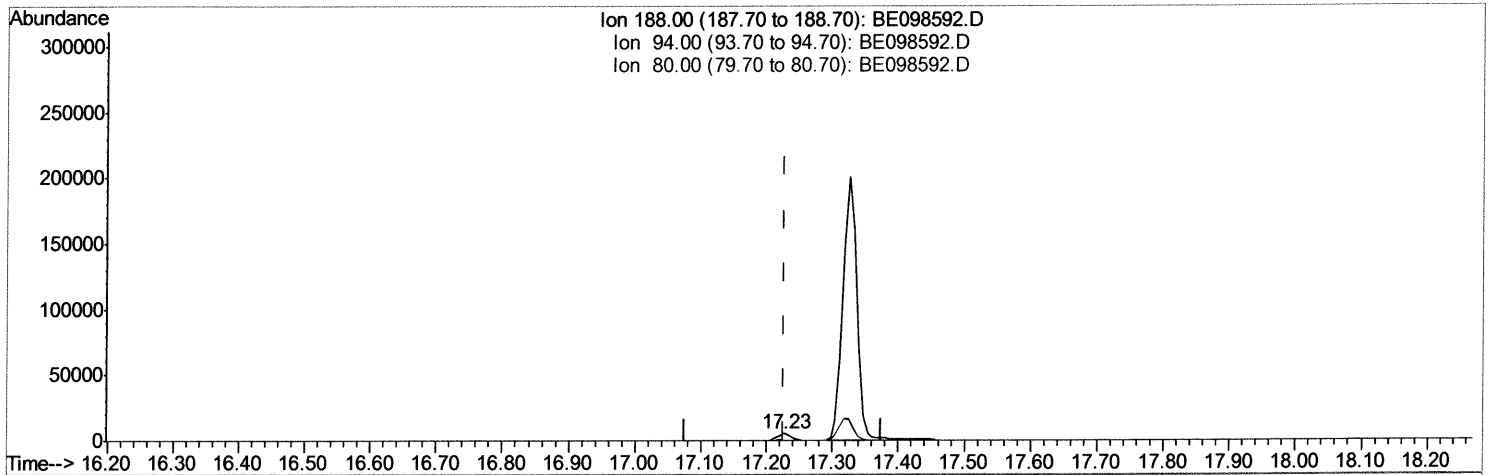
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 02:49:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.227min (+0.001) 0.40ng/ul m

SD 1/2/19

response 7776

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	8.49
80.00	8.50	8.90
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

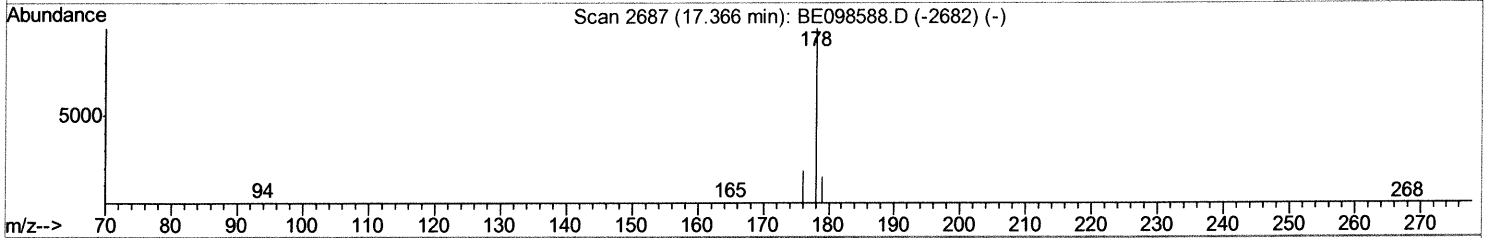
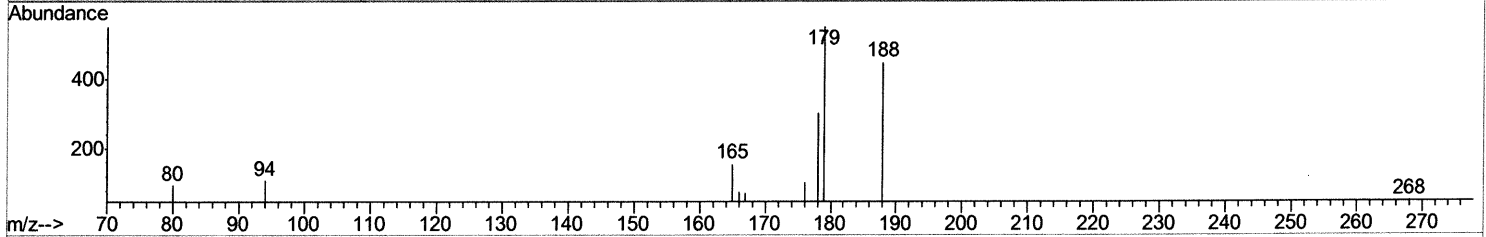
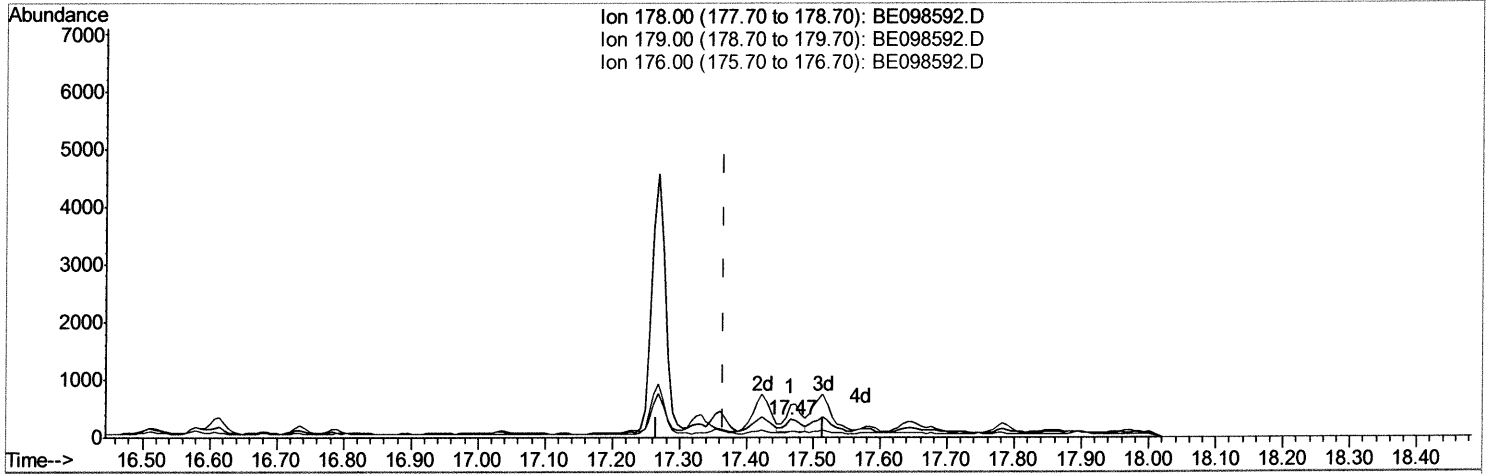
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(13) Anthracene

17.466min (+0.100) 0.02ng/ul

response 304

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	181.64#
176.00	19.50	33.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

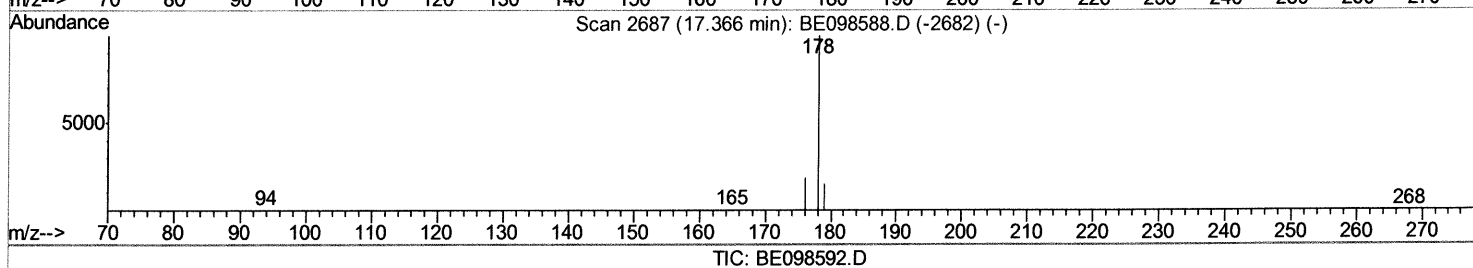
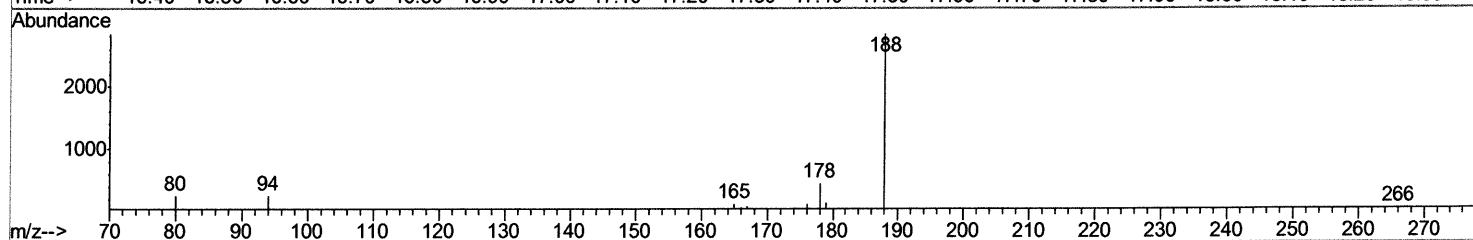
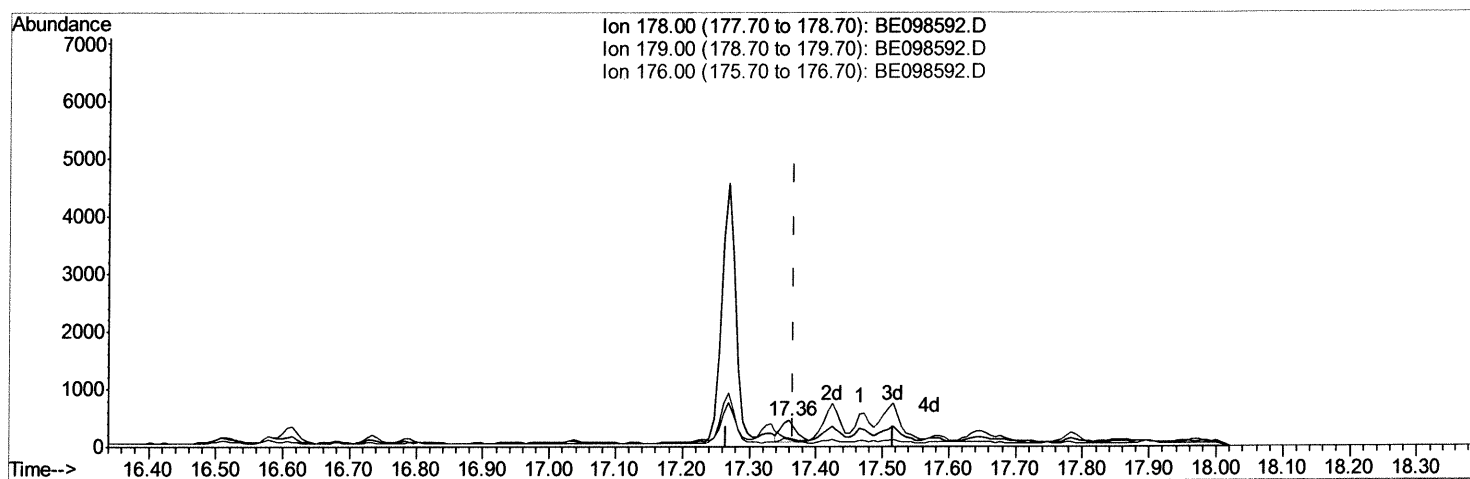
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



(13) Anthracene

17.360min (-0.006) 0.03ng/ul m

SJ 1/2/19

response 556

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	32.29#
176.00	19.50	29.18#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

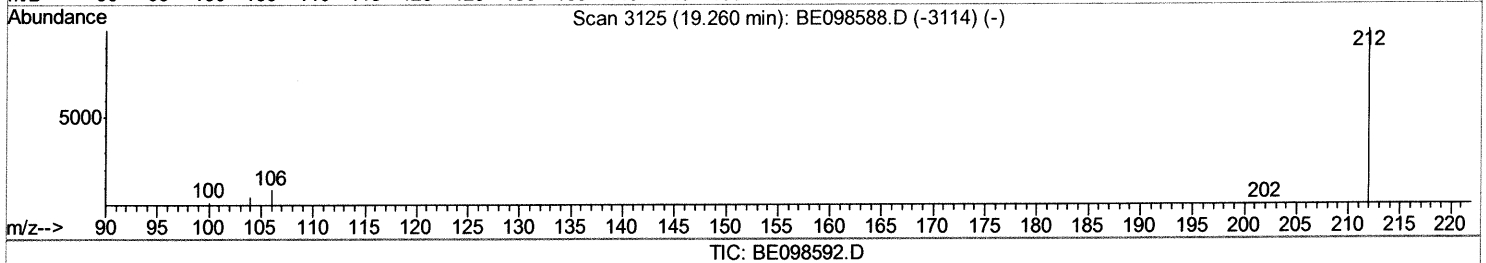
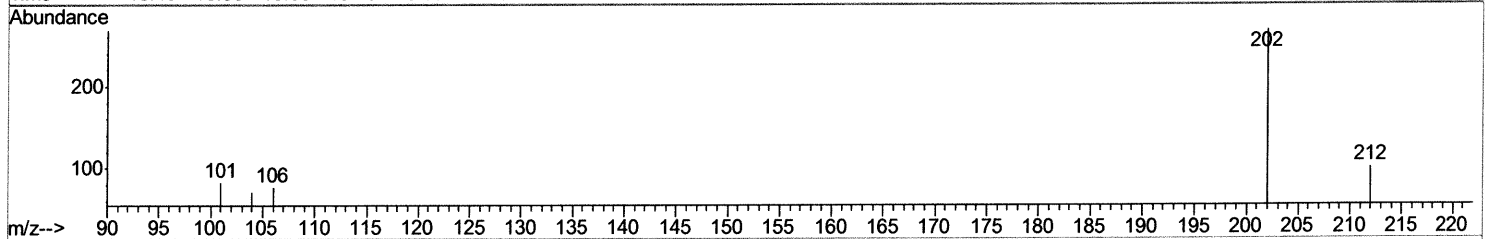
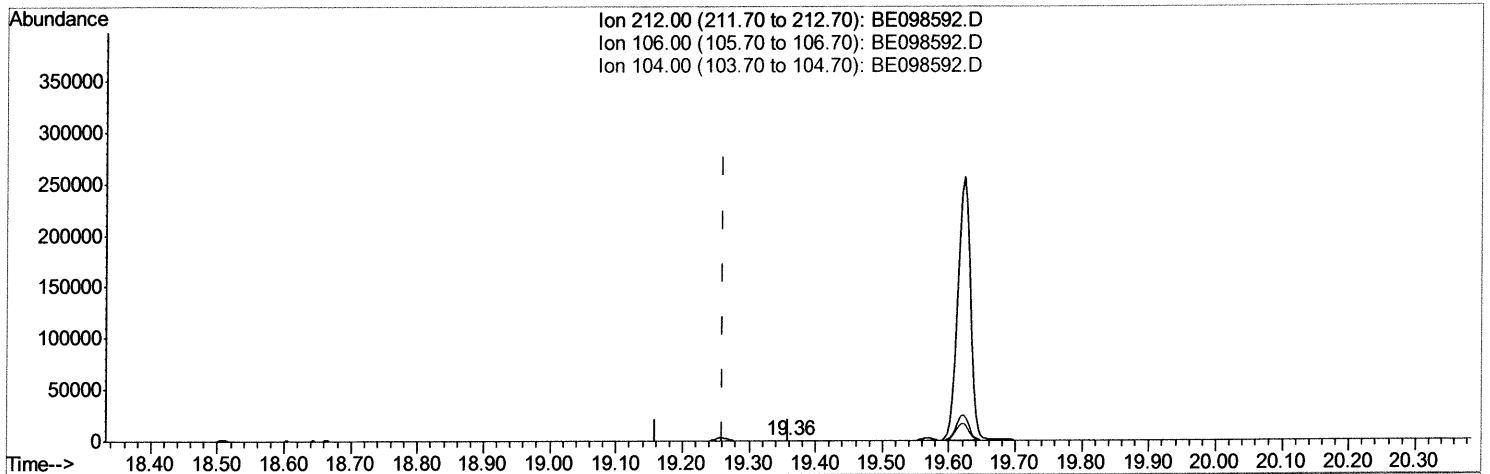
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(14) Fluoranthene-d10 (SURR)

19.359min (+0.099) 0.00ng/ul

response 63

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	17.46#
104.00	4.20	20.63#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

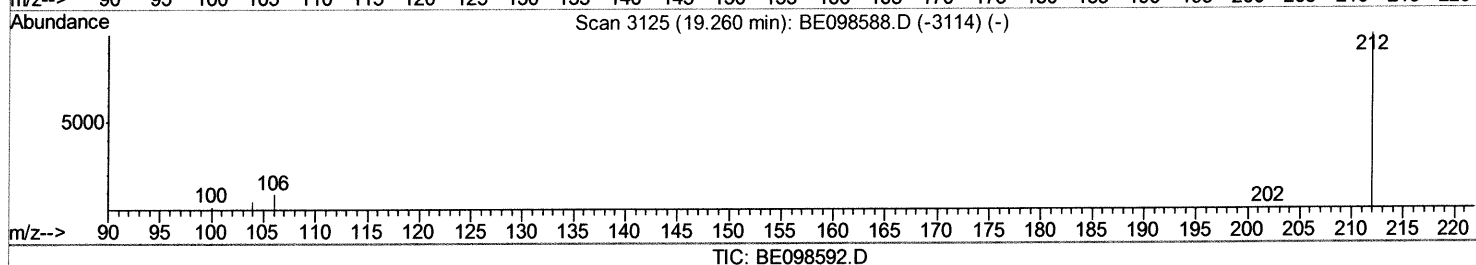
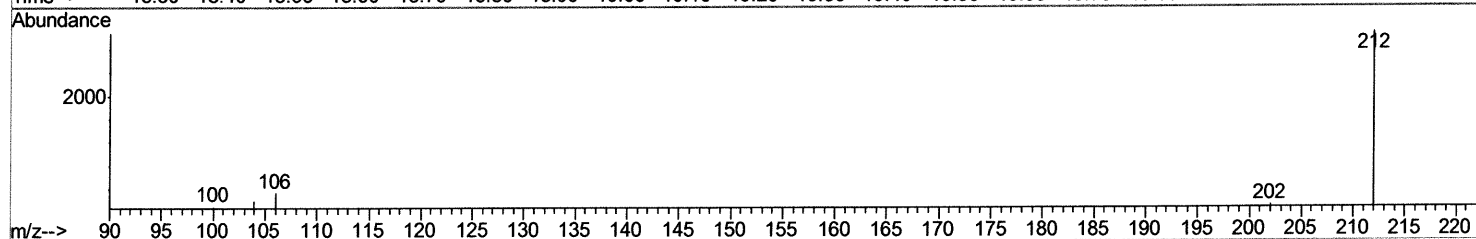
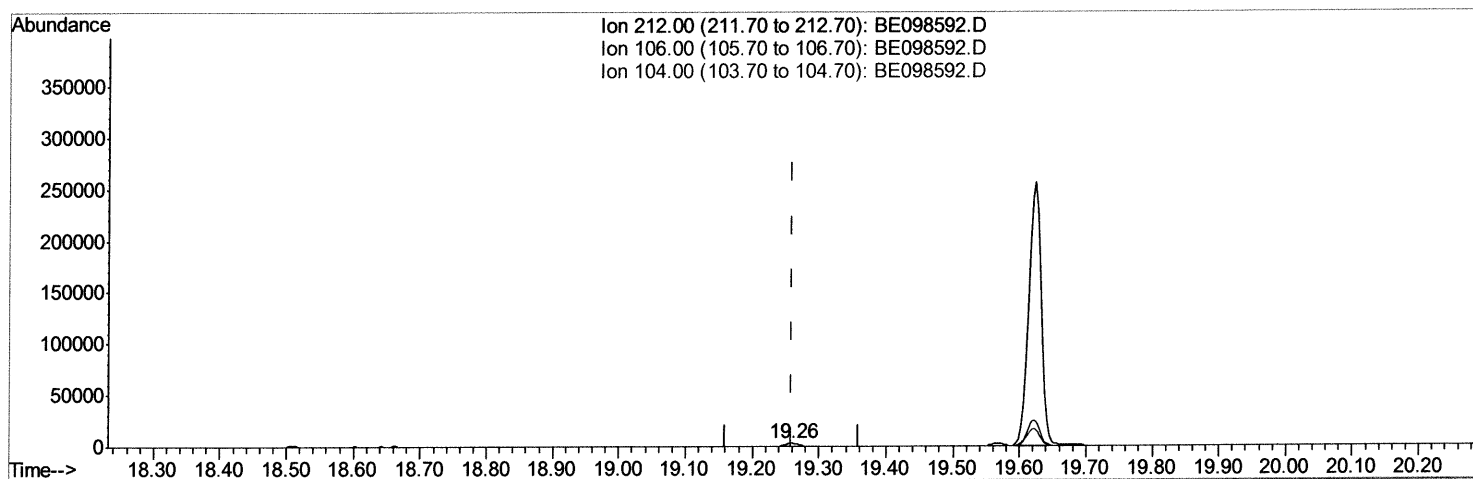
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.259min (-0.000) 0.17ng/ul m

response 4282

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	0.26#
104.00	4.20	0.30#
0.00	0.00	0.00

SJ 1/2/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

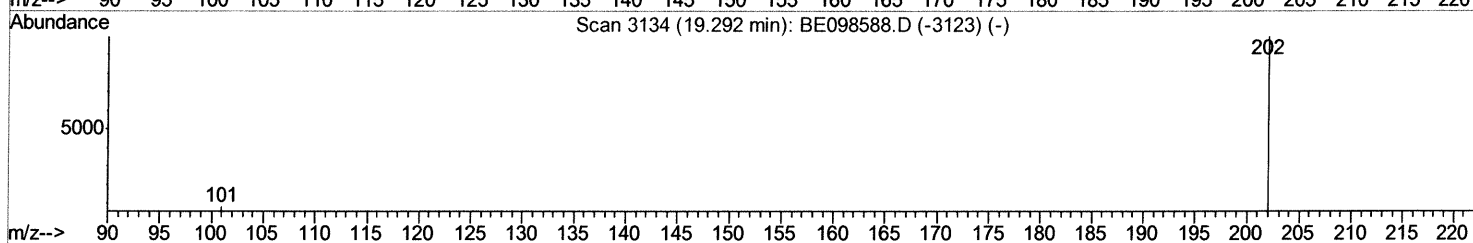
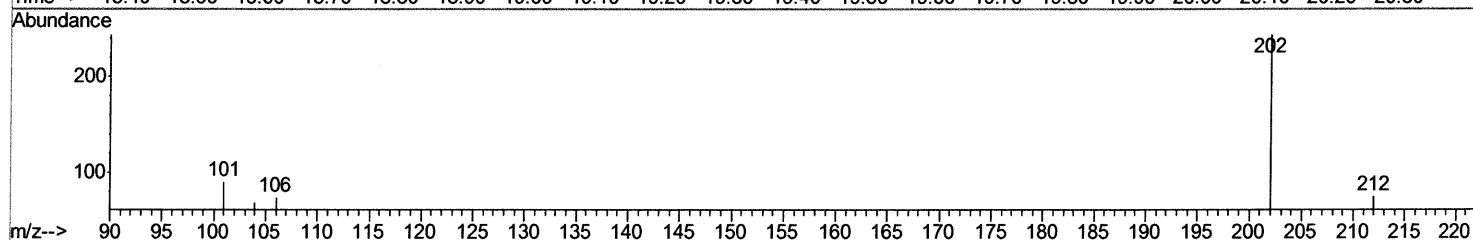
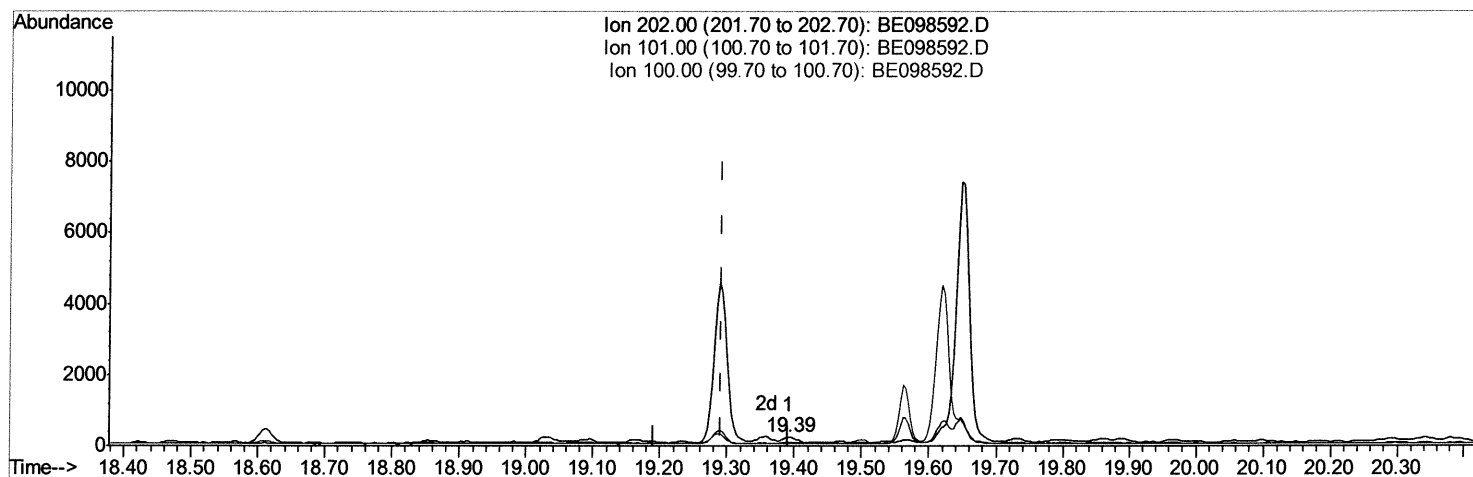
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(15) Fluoranthene (C)

19.391min (+0.099) 0.01ng/ul

response 212

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	36.89#
100.00	6.00	25.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

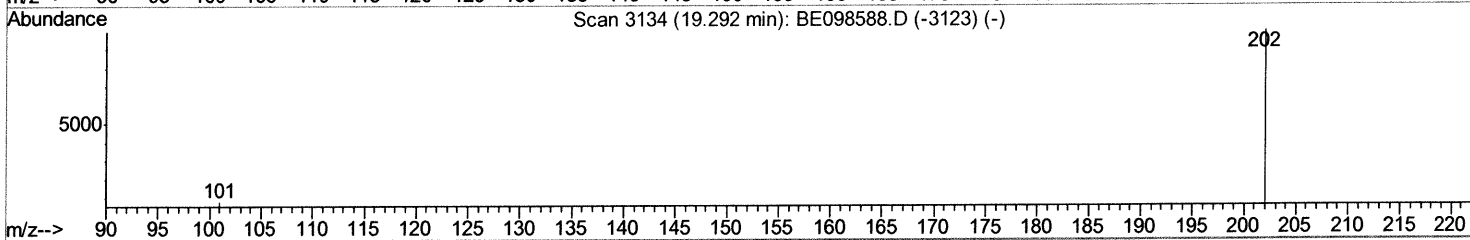
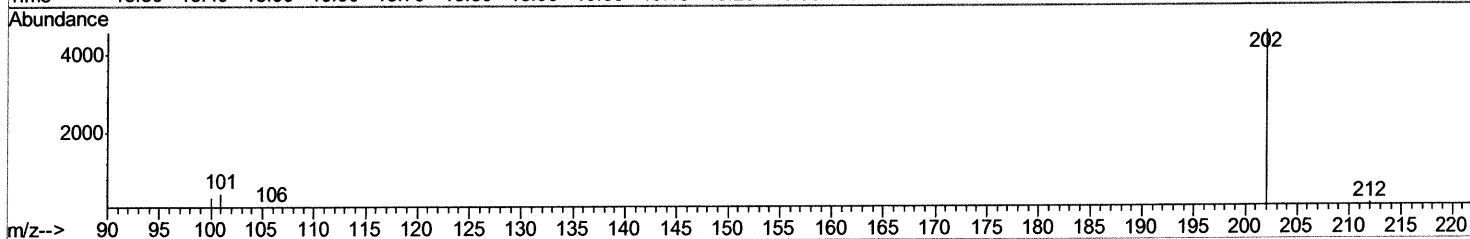
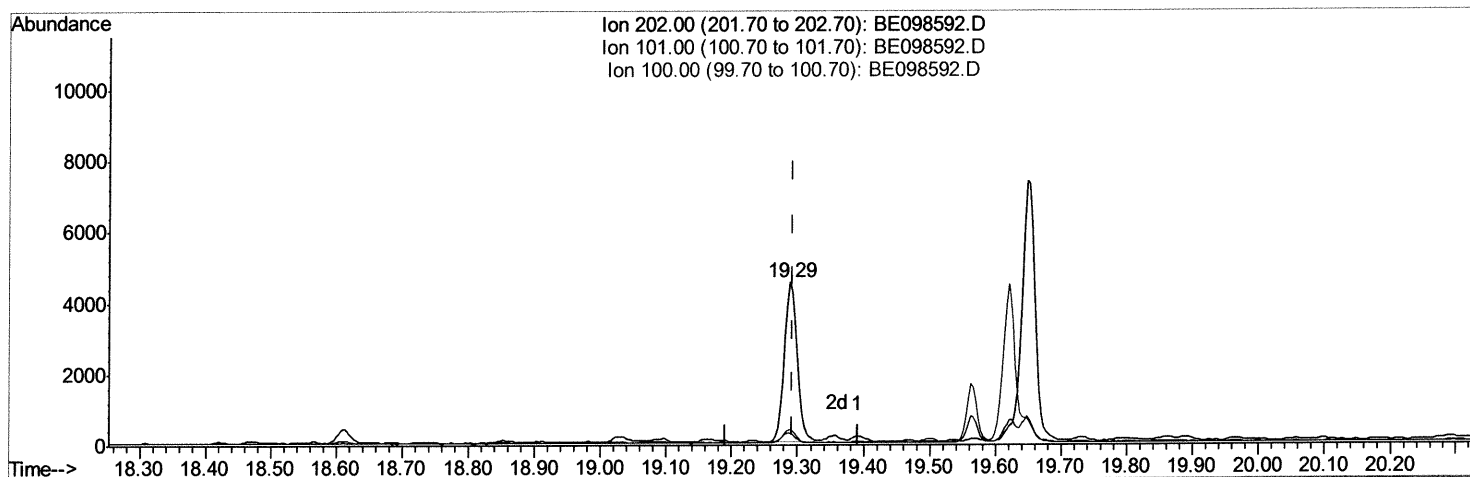
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(15) Fluoranthene (C)

19.288min (-0.004) 0.22ng/ul m

SJ 1/2/19

response 6017

Ion	Exp%	Act%
202.00	100	100
101.00	7.50	9.37
100.00	6.00	7.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

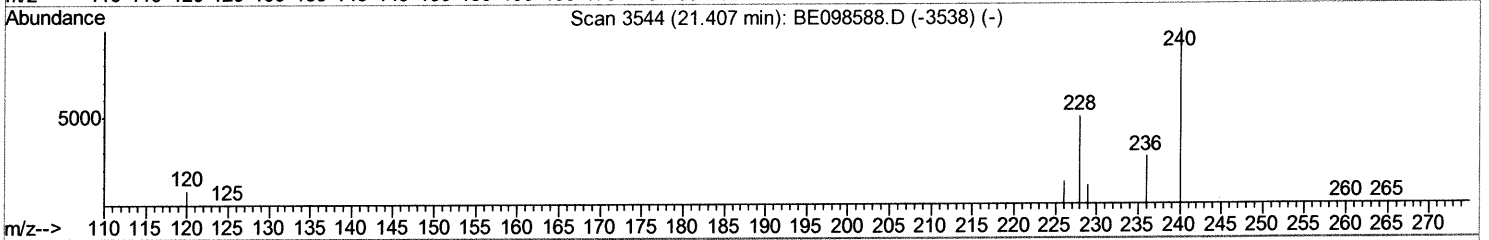
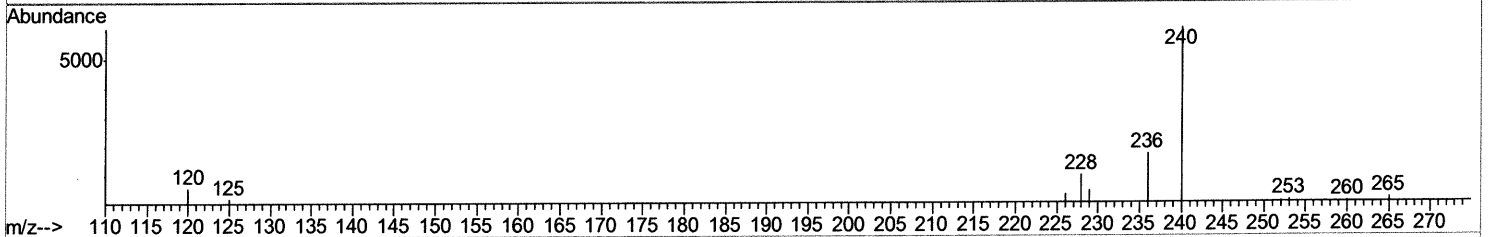
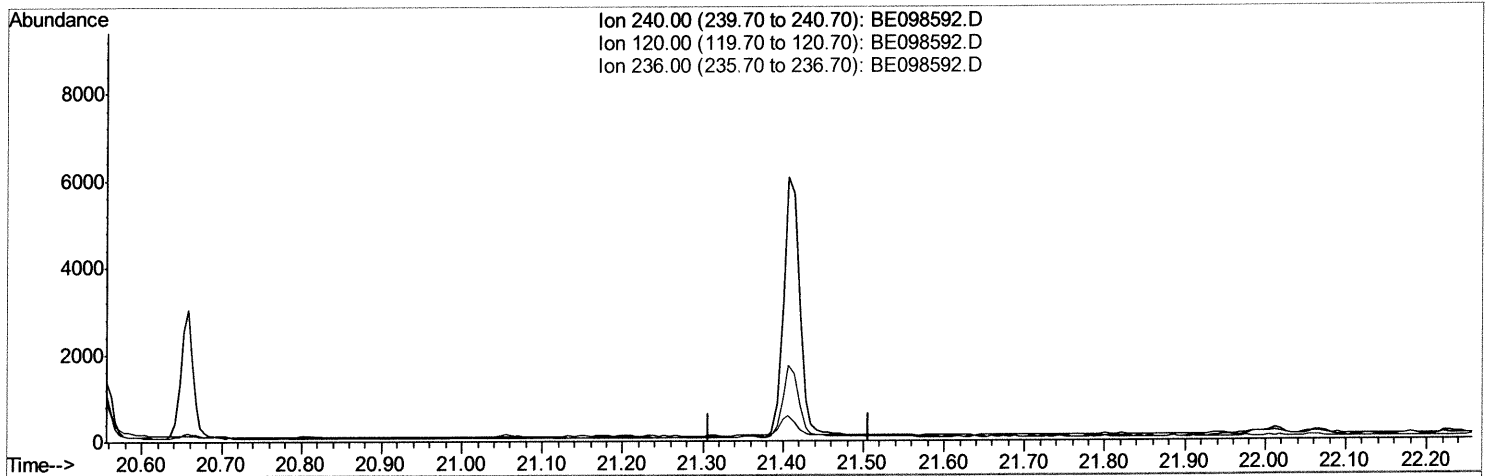
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(16) Chrysene-d12 (I)

21.407min (-21.407) 0.00ng/ul

response 0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

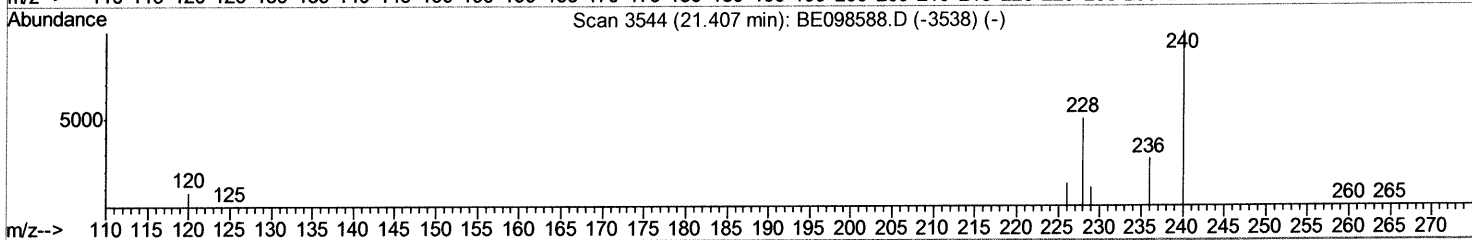
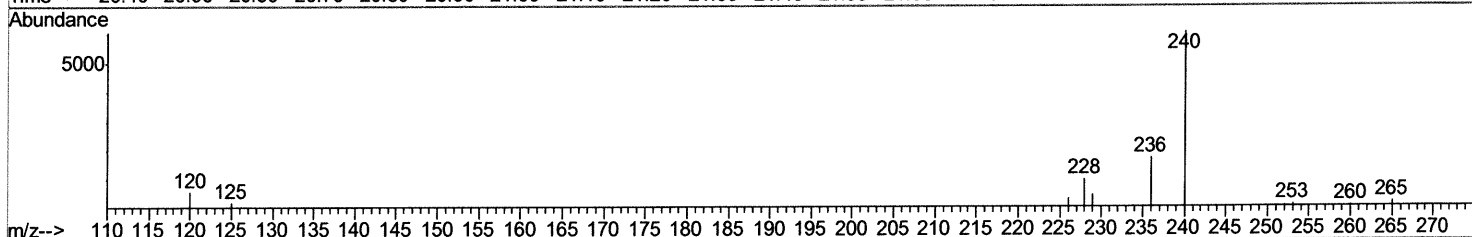
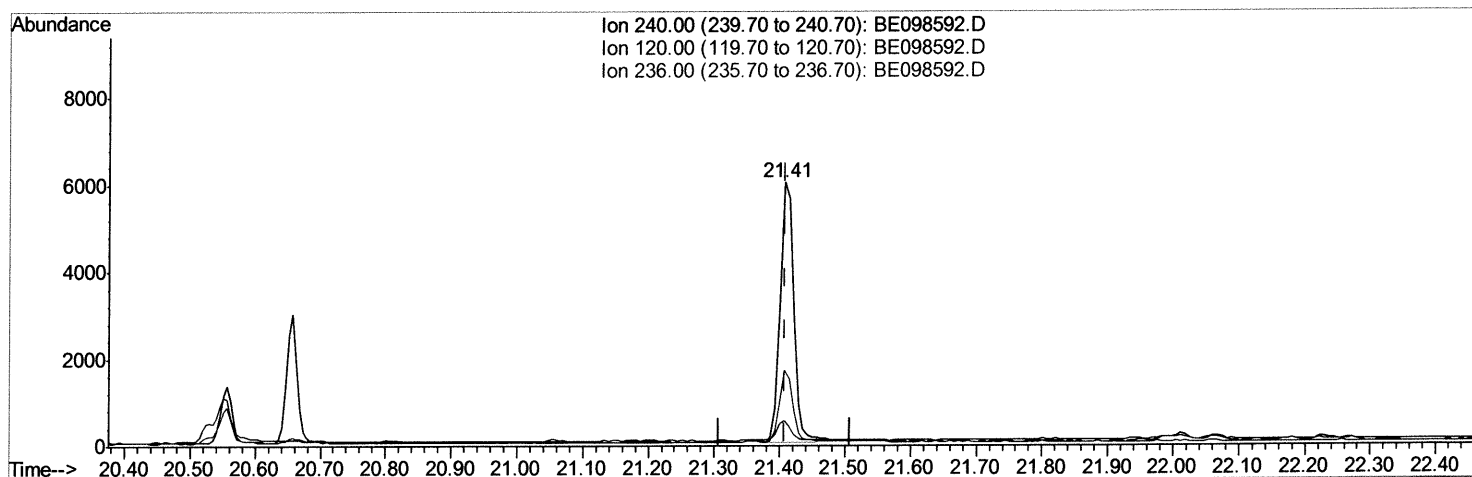
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:23:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(16) Chrysene-d12 (I)

21.407min (-0.001) 0.40ng/ul m

response 8482

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	9.71#
236.00	26.20	28.68
0.00	0.00	0.00

SJ 1/2/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

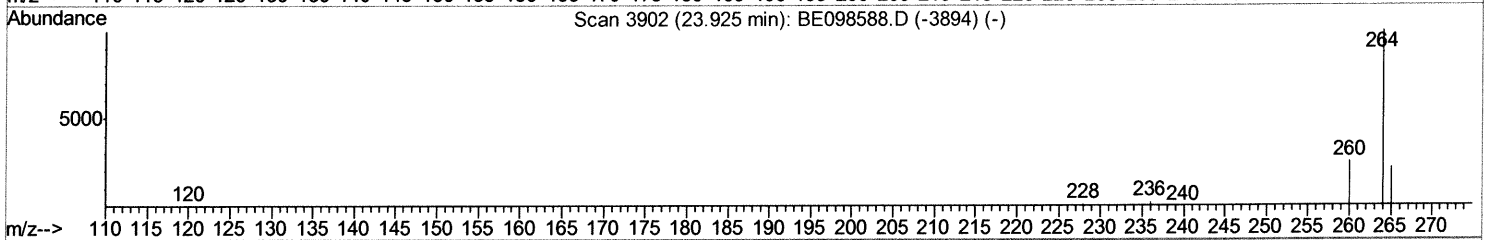
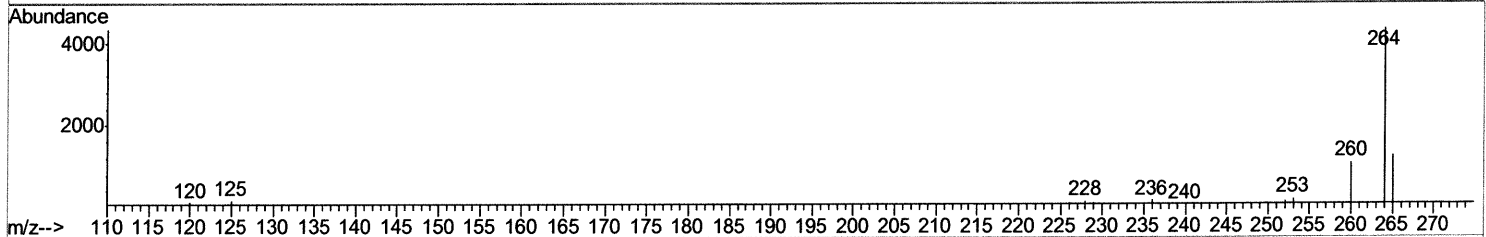
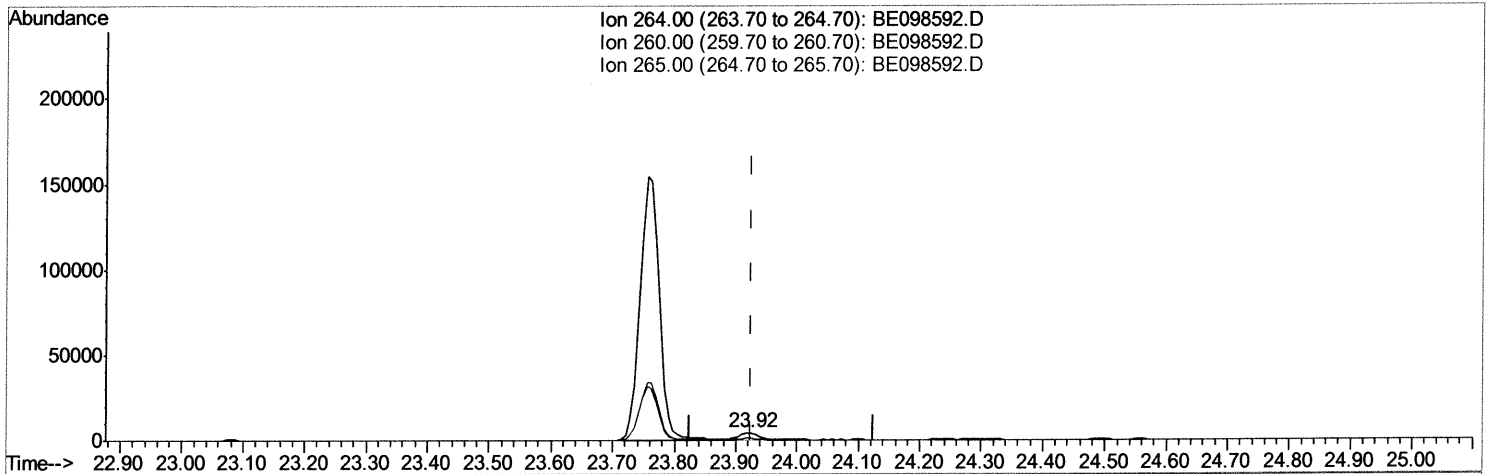
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:25:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(20) Perylene-d12 (I)
23.924min (-0.001) 0.40ng/ul
response 10568

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	25.18
265.00	28.00	28.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

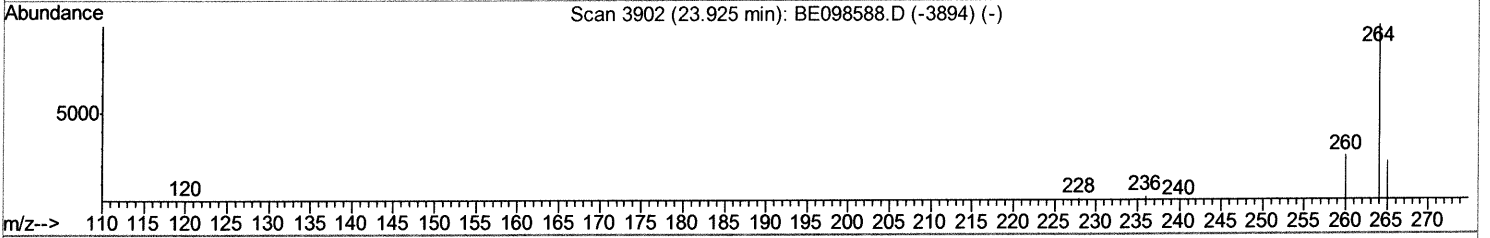
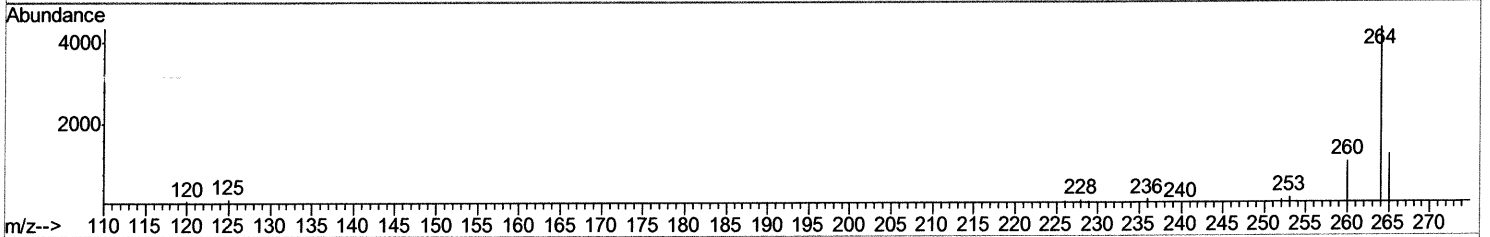
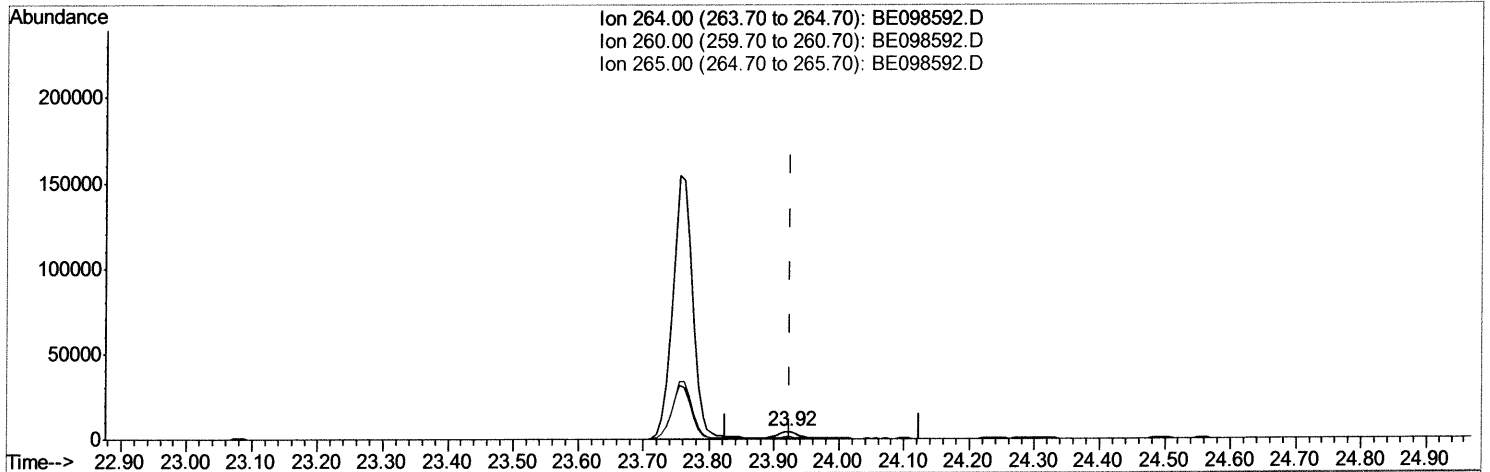
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:25:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(20) Perylene-d12 (I)

23.924min (-0.001) 0.40ng/ul m

SJ 1/2/19

response 7693

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	25.18
265.00	28.00	28.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

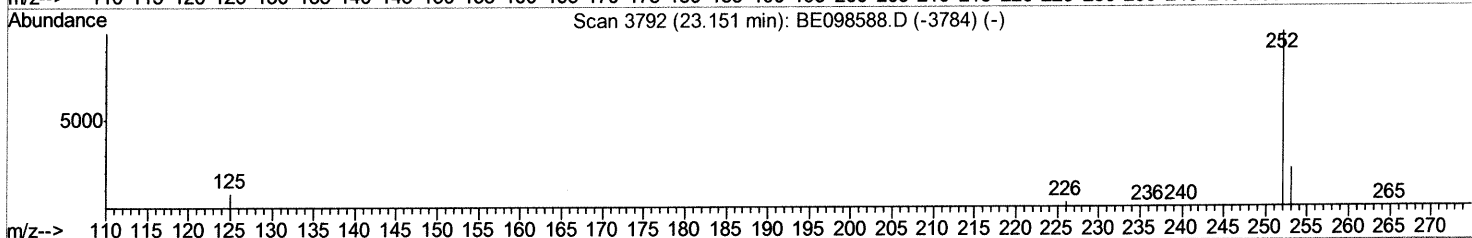
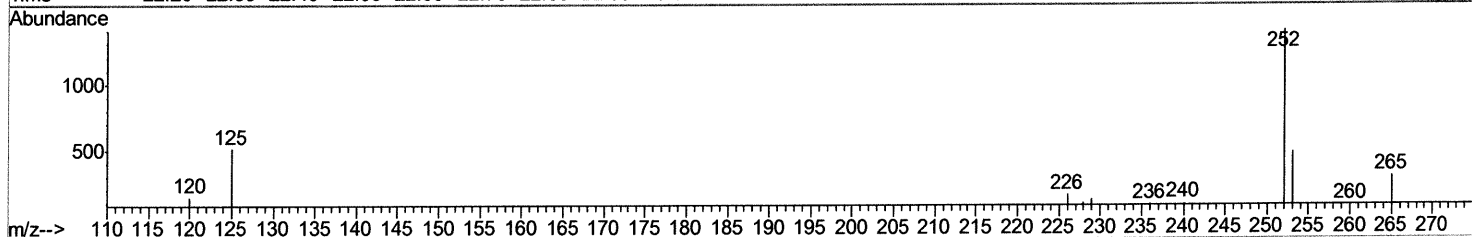
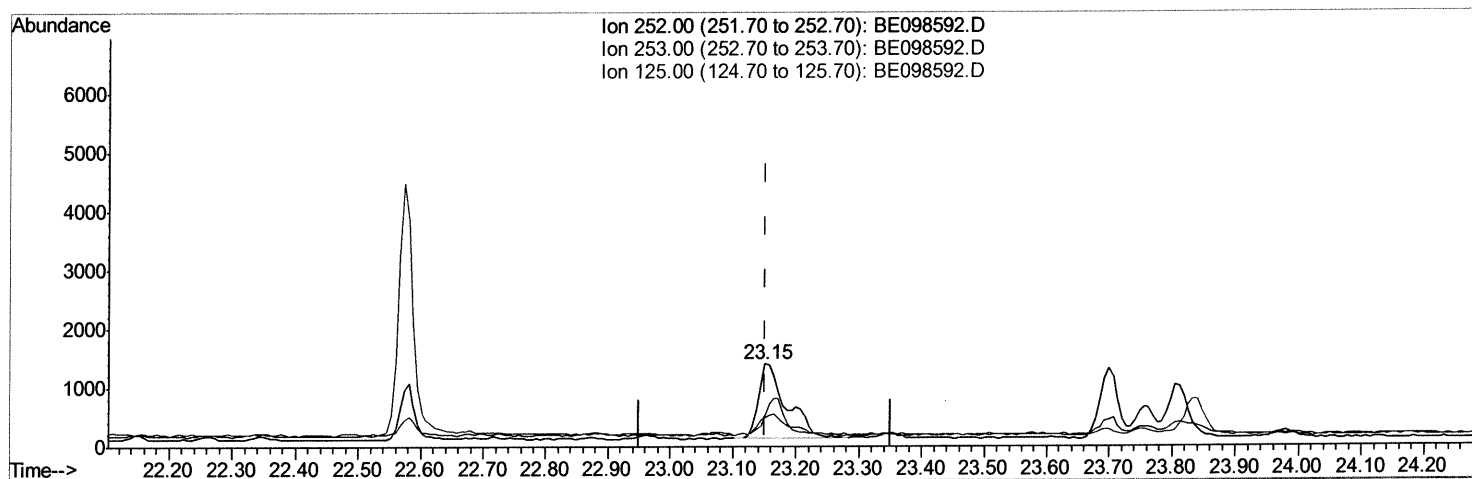
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(21) Benzo(b)fluoranthene
23.151min (-0.001) 0.17ng/ul
response 4038

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	34.64
125.00	8.40	36.78#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

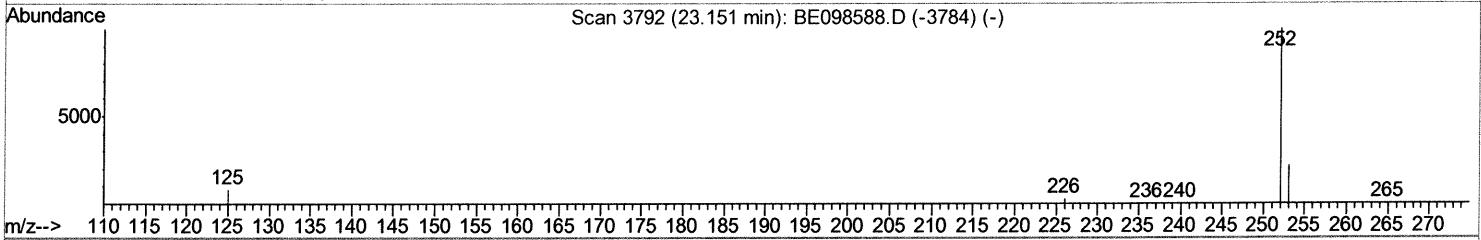
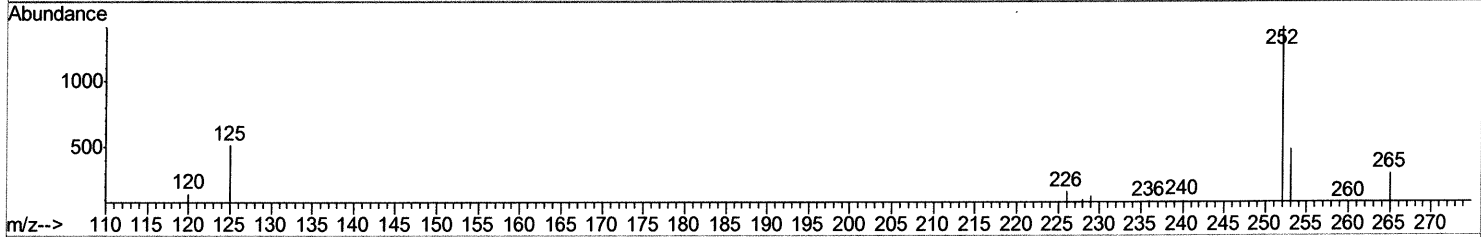
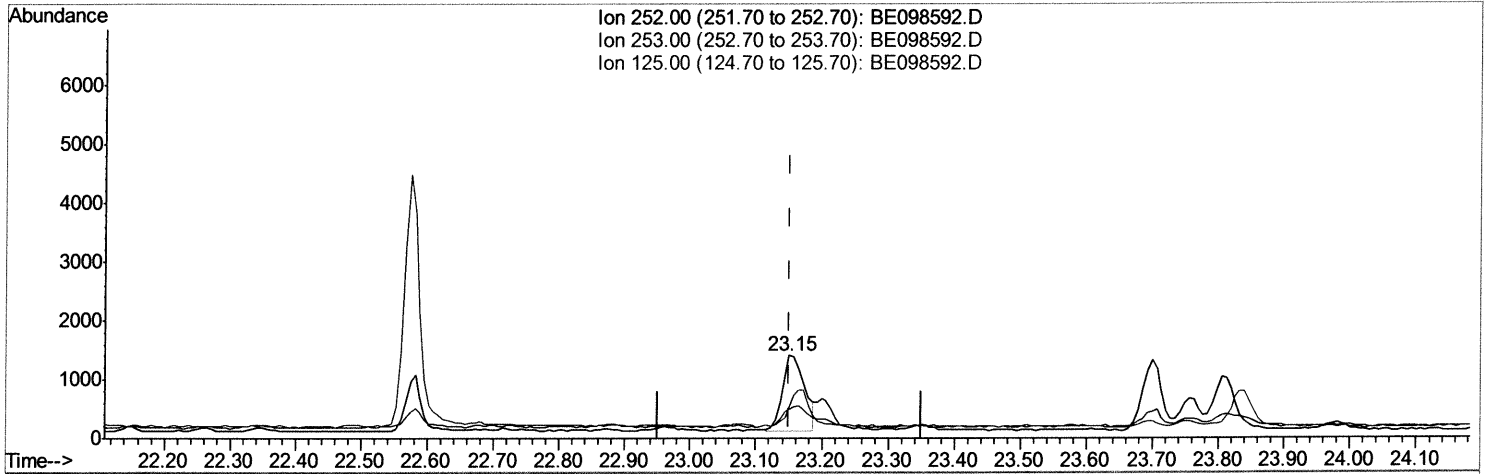
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(21) Benzo(b)fluoranthene

23.151min (-0.001) 0.13ng/ul m

SJ 1/2/19

response 3009

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	34.64
125.00	8.40	36.78#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

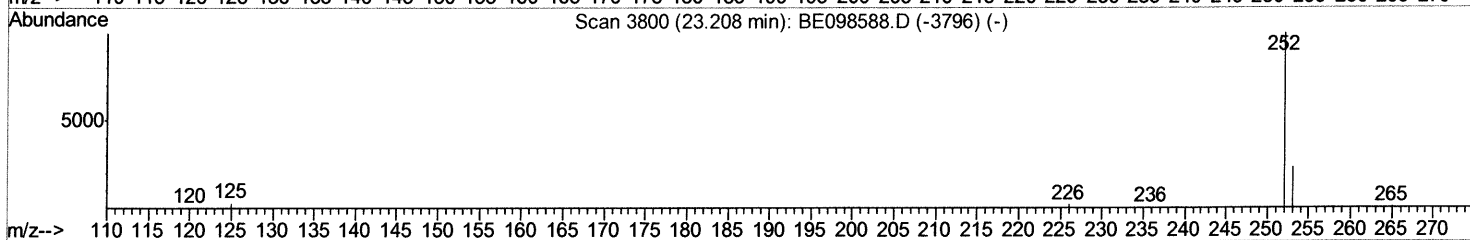
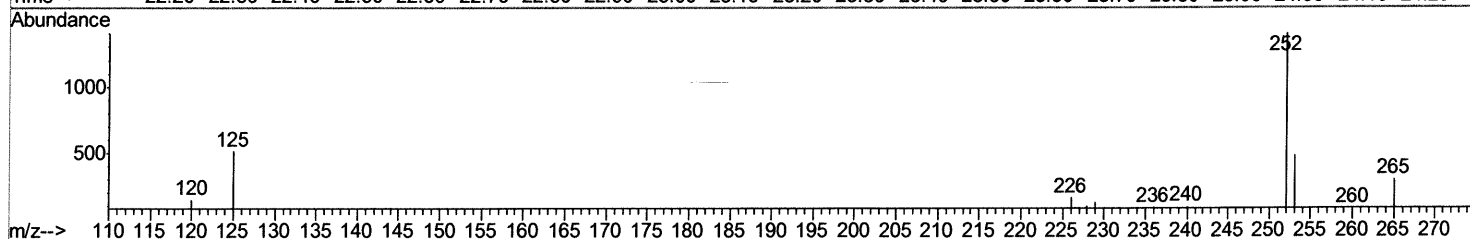
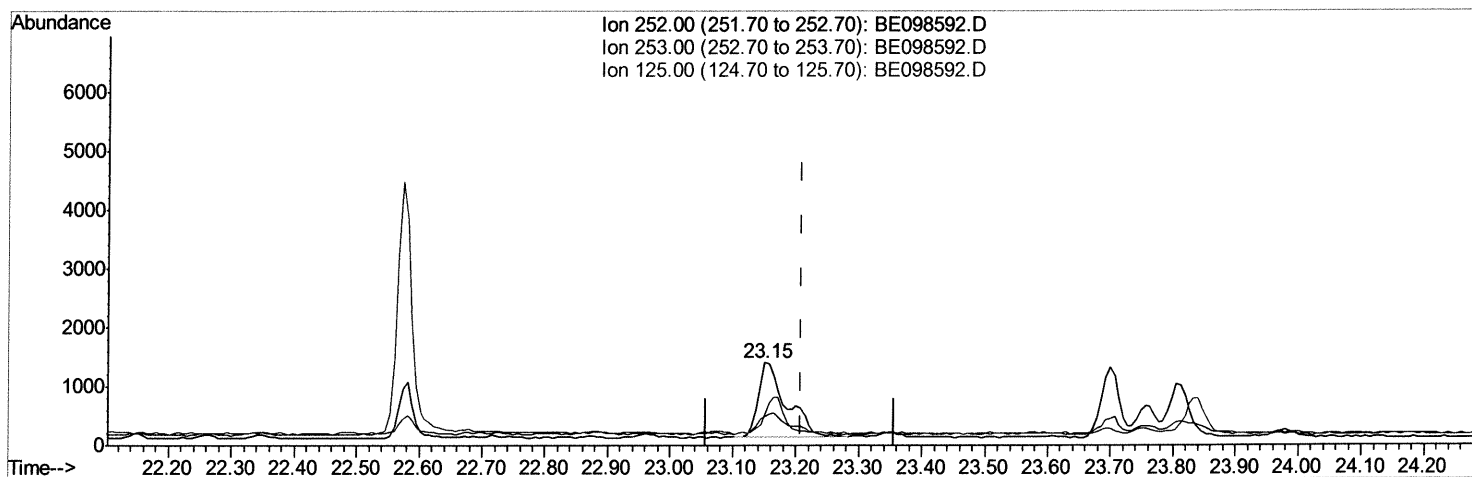
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



TIC: BE098592.D

(22) Benzo(k)fluoranthene

23.151min (-0.057) 0.16ng/ul

response 4038

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	34.64#
125.00	7.70	36.78#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (Qedit)

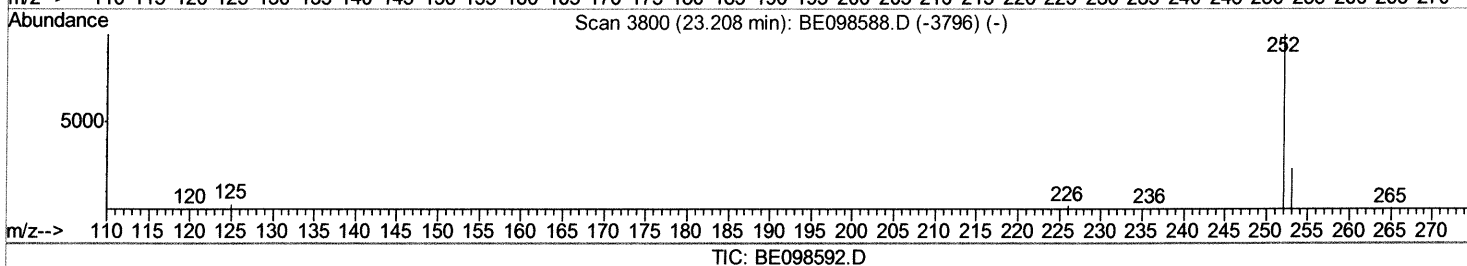
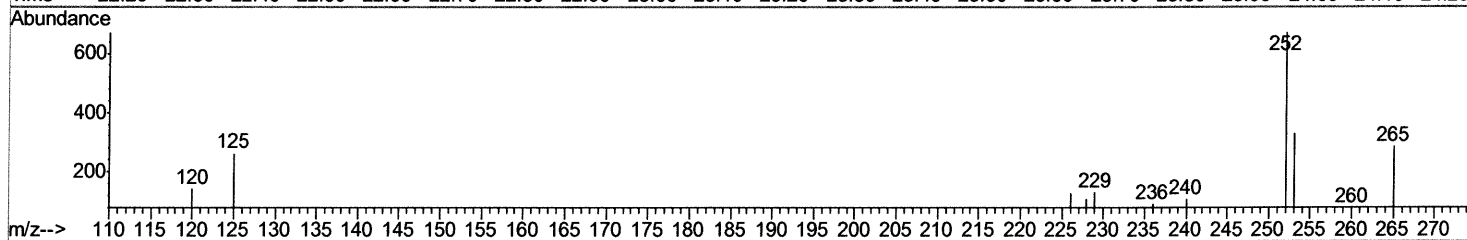
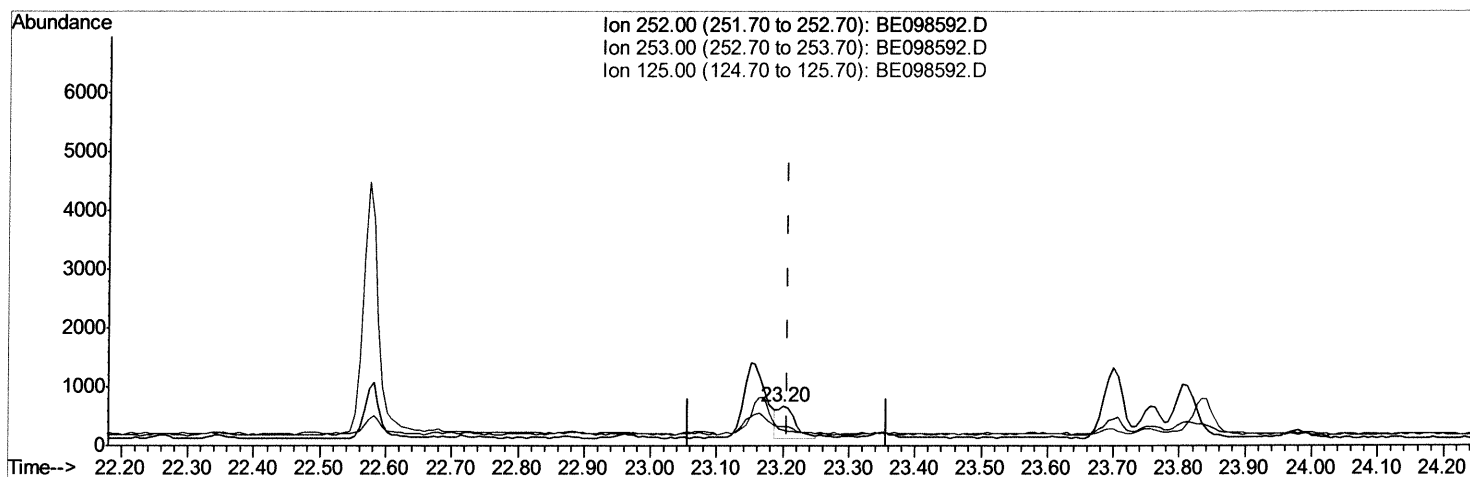
Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.200min (-0.008) 0.04ng/ul m

SJ 1/2/19

response 1002

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	48.88#
125.00	7.70	39.05#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE122818\
Quantitation Report (QT Reviewed)

Data File : BE098592.D
Acq On : 29 Dec 2018 2:02
Operator : SJ/JU
Sample : J6489-07
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F9F75

Manual Integrations
APPROVED

Sohil
1/2/2019 3:57:26 PM

Quant Time: Dec 29 03:27:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE122818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 29 02:46:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1046	0.40	ng/ul	0.00
2) Naphthalene-d8	10.61	136	4844	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	3295	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	7776m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	8482m	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	7693m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.21	152	1364	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	4282m	0.17	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.27	178	6505	0.311	ng/ul	98
13) Anthracene	17.36	178	556m	0.032	ng/ul	
15) Fluoranthene	19.29	202	6017m	0.223	ng/ul	
17) Pyrene	19.65	202	10393	0.383	ng/ul#	93
18) Benzo(a)anthracene	21.39	228	3604	0.146	ng/ul#	89
19) Chrysene	21.45	228	6420	0.209	ng/ul#	93
21) Benzo(b)fluoranthene	23.15	252	3009m	0.128	ng/ul	
22) Benzo(k)fluoranthene	23.20	252	1002m	0.039	ng/ul	
23) Benzo(a)pyrene	23.80	252	2063	0.090	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	26.57	276	1086	0.041	ng/ul#	62
26) Benzo(g,h,i)perylene	27.38	276	1168	0.051	ng/ul#	70

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

SJ
1/2/19