

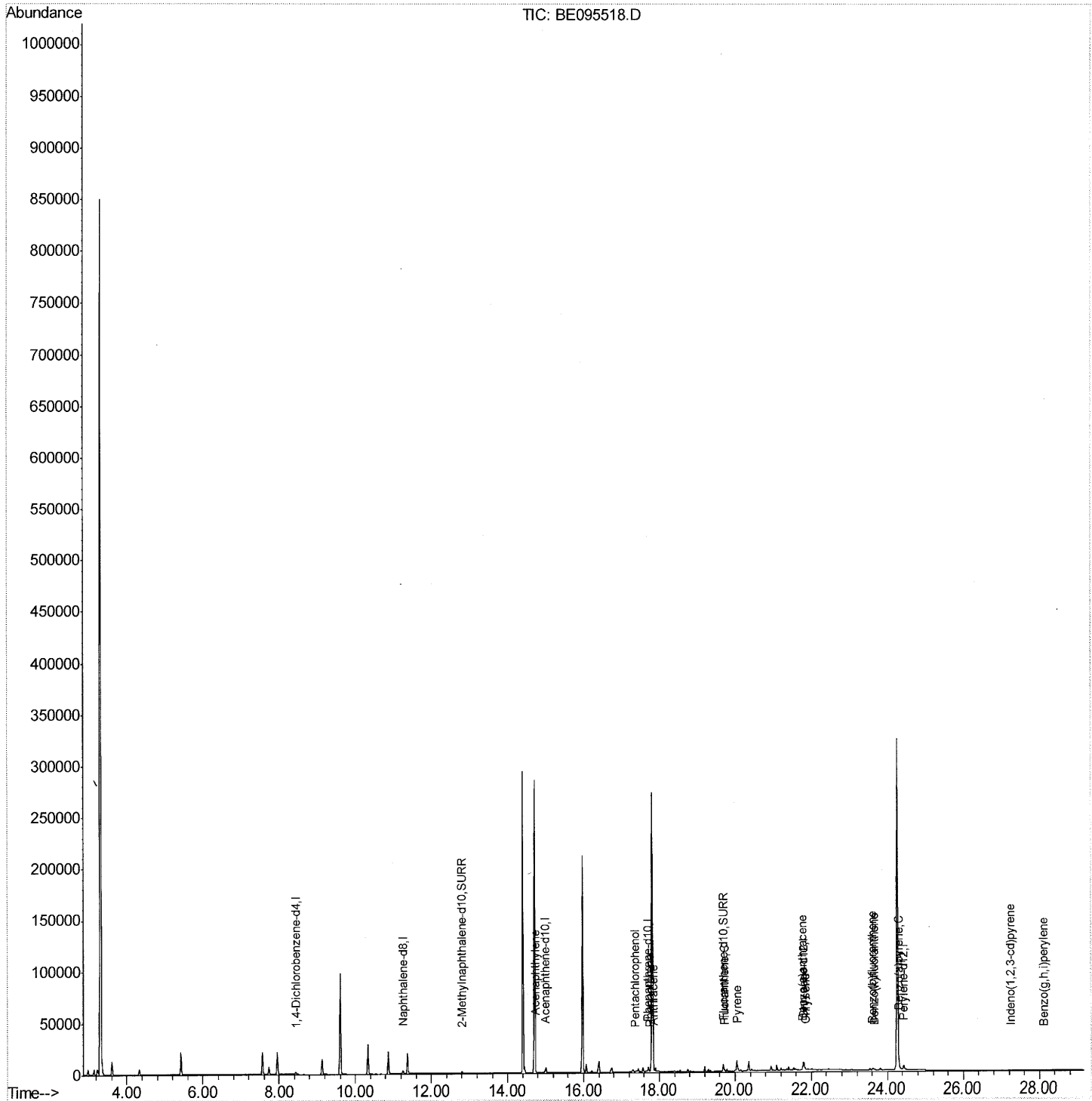
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:12:44 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 04:22:42 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

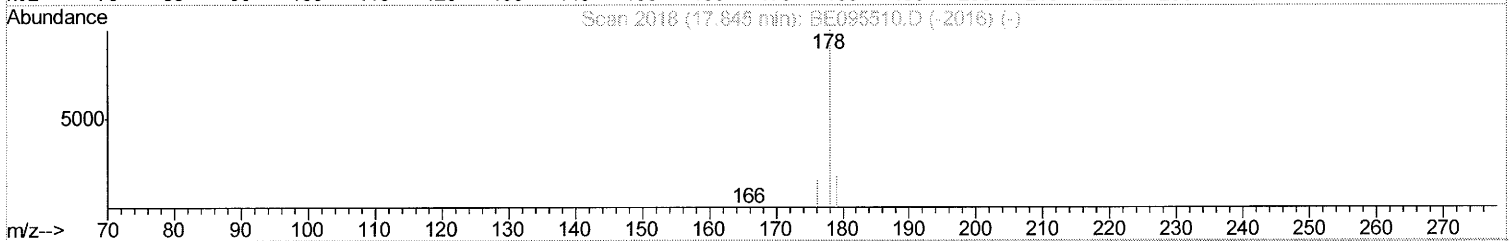
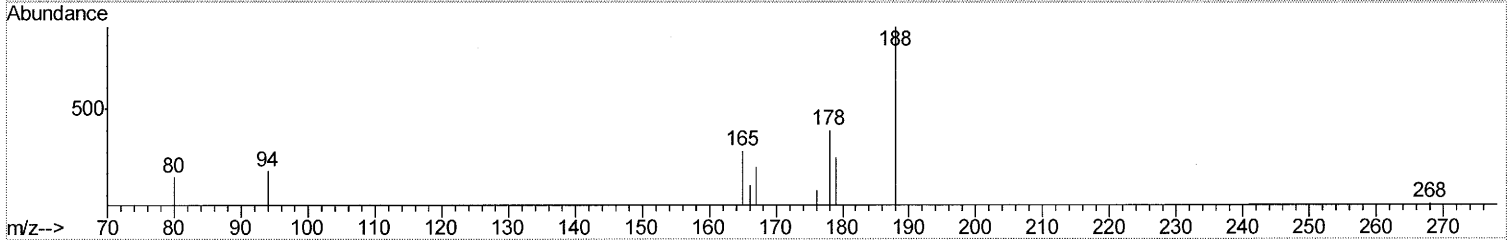
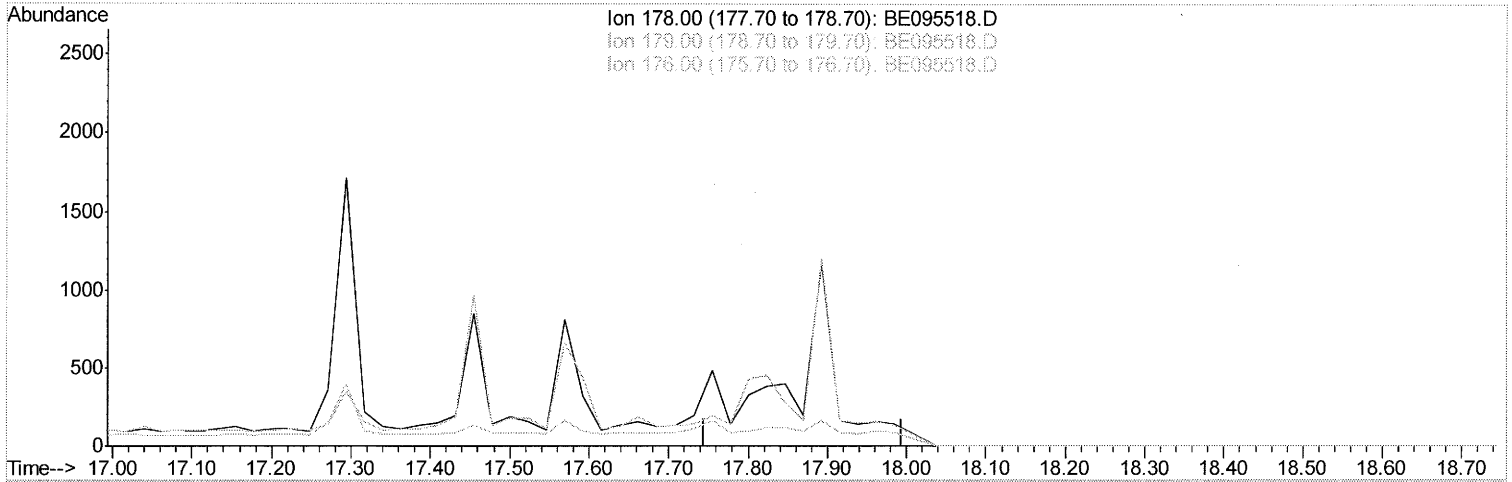
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(13) Anthracene

17.845min (-17.845) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	22.60	0.00#
176.00	18.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

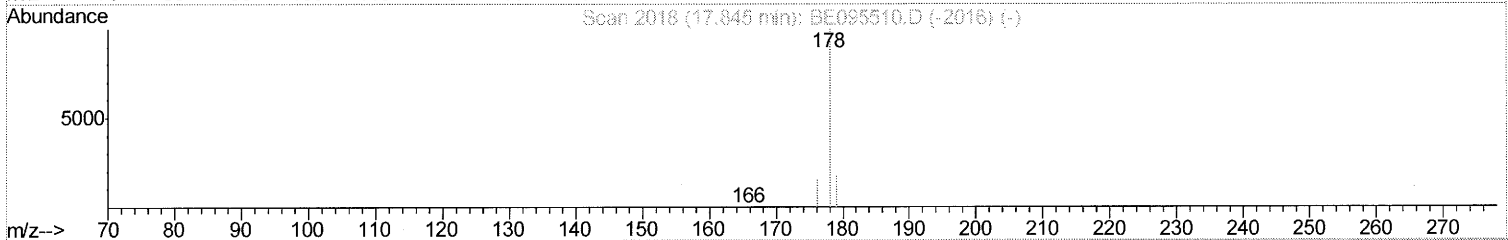
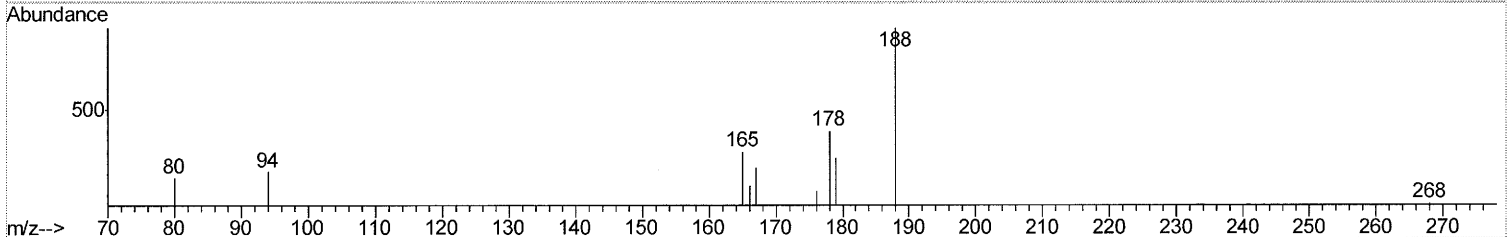
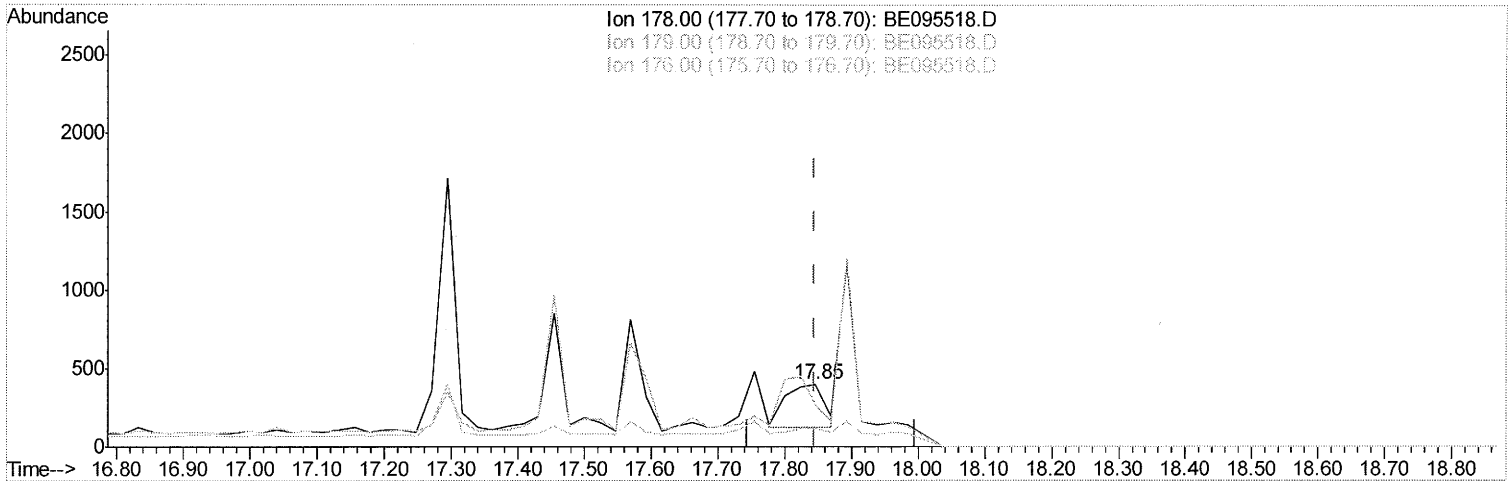
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(13) Anthracene

17.846min (+0.001) 0.05ng/ul m

response 1095

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	68.08#
176.00	18.40	29.68#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

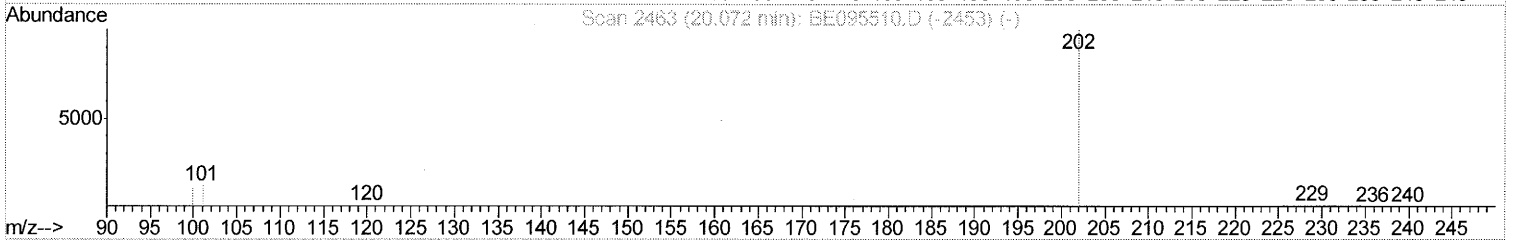
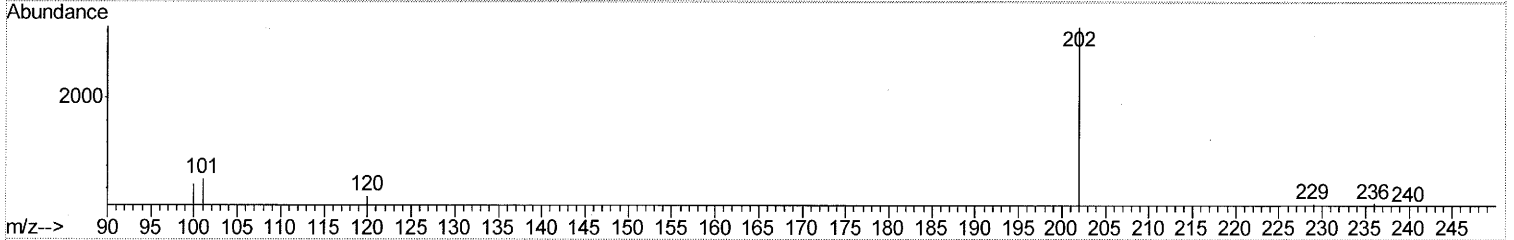
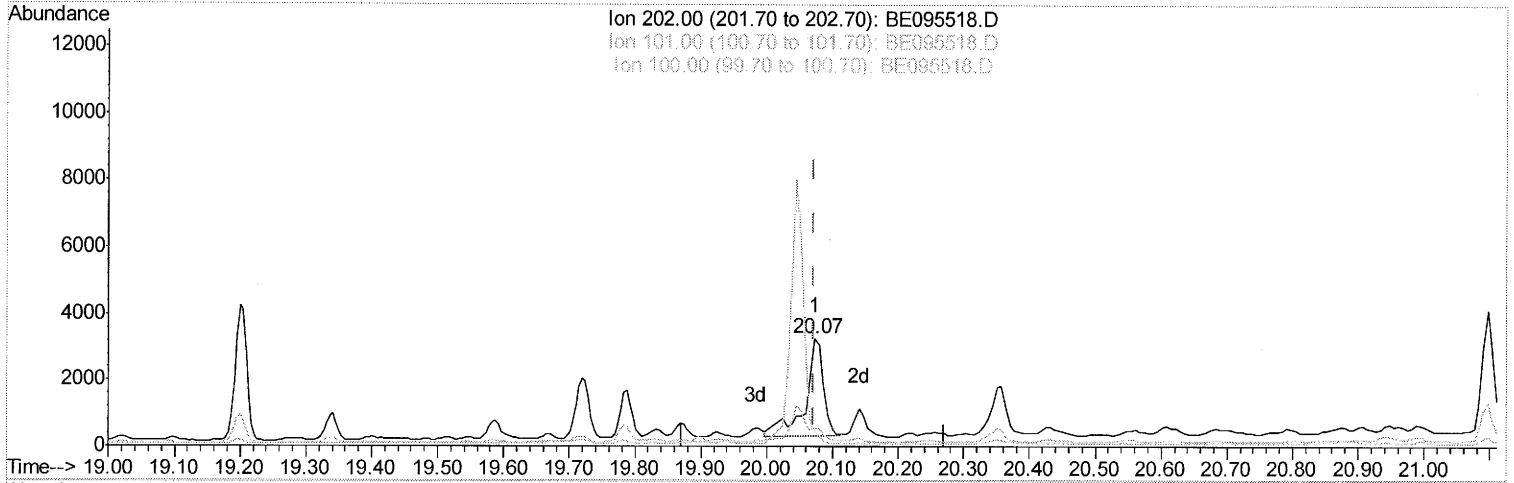
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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 QLast Update : Tue Feb 06 04:22:42 2018
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TIC: BE095518.D

(17) Pyrene

20.072min (+0.001) 0.27ng/ul

response 6431

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	17.15#
100.00	19.50	14.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

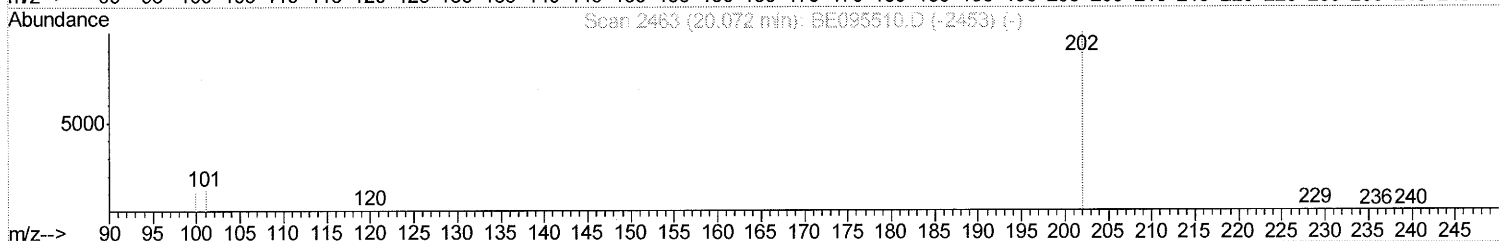
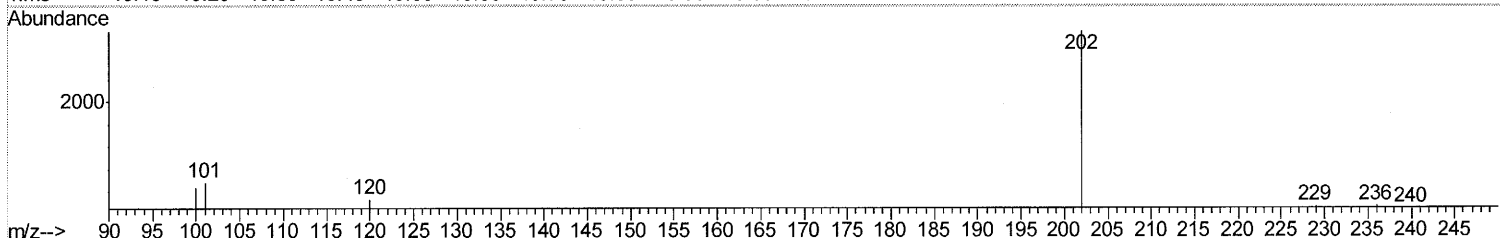
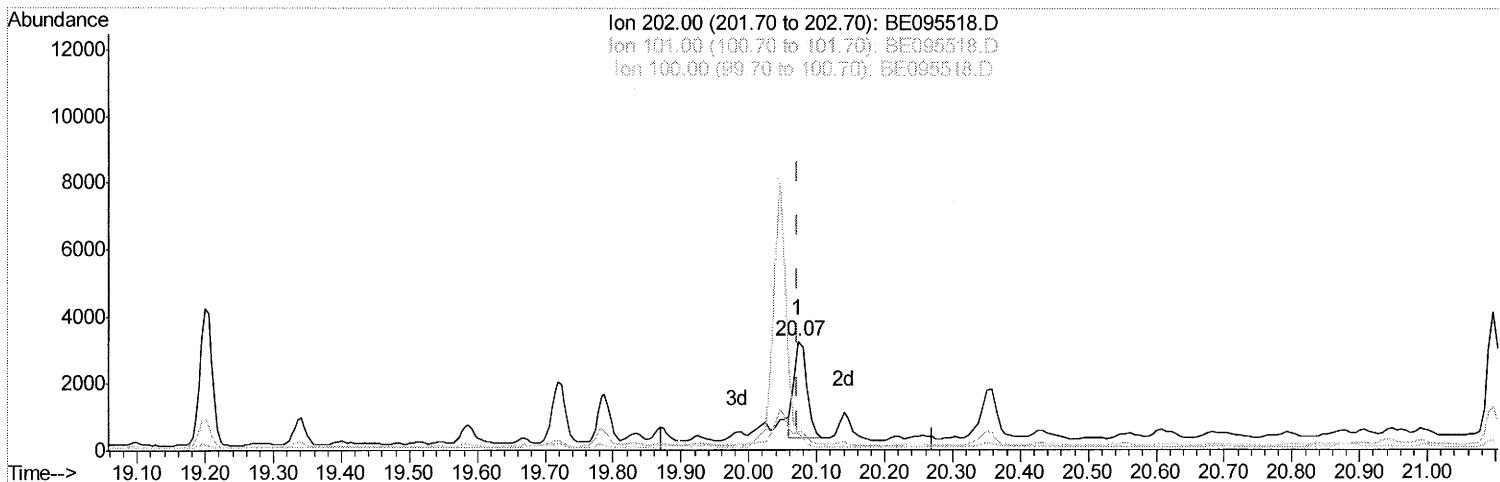
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(17) Pyrene

20.072min (+0.001) 0.17ng/ul m

response 3897

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	17.15#
100.00	19.50	14.64#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

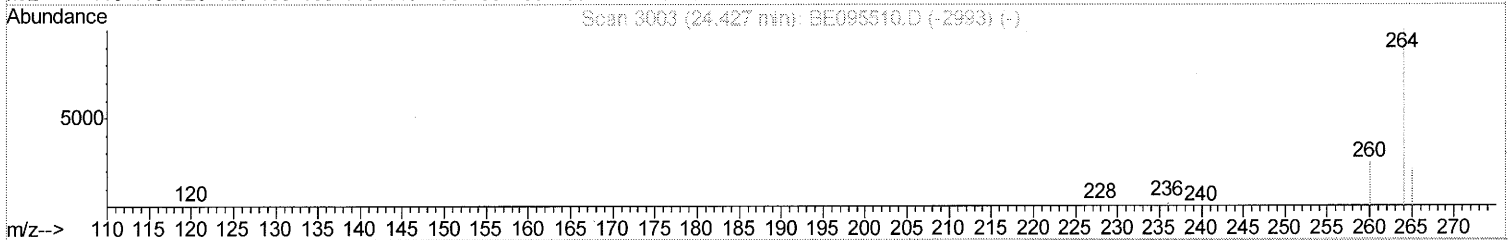
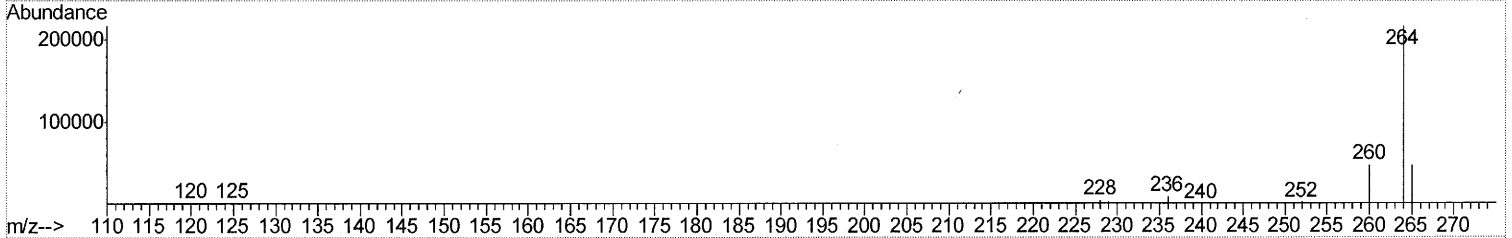
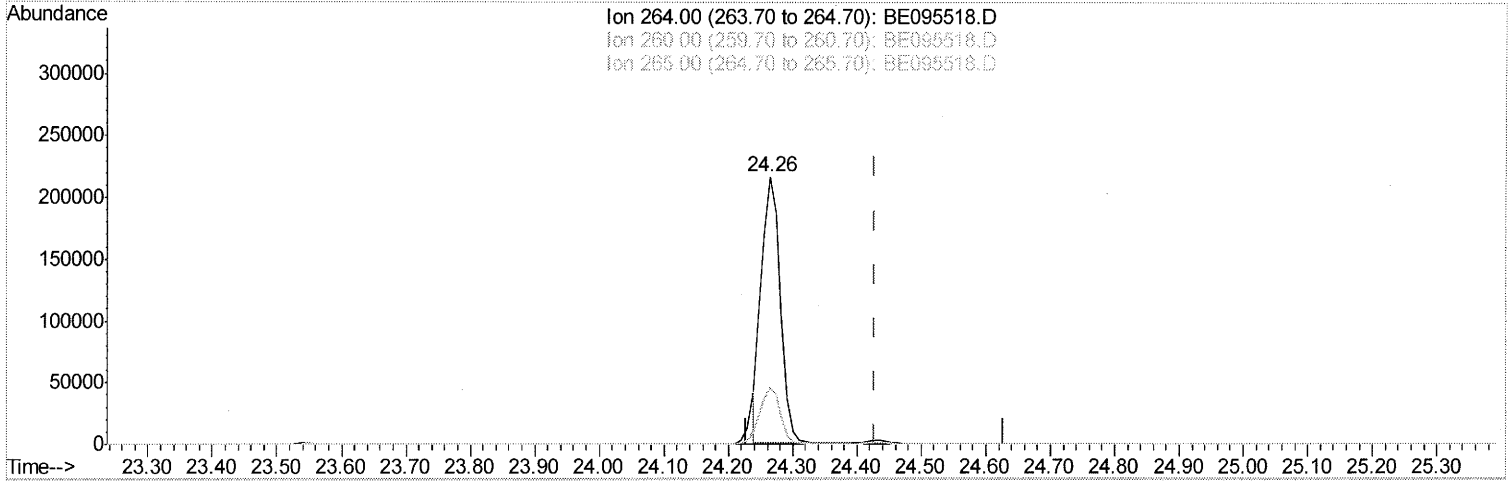
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE095518.D

(20) Perylene-d12 (I)

24.264min (-0.163) 0.40ng/ul

response 447629

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.38#
265.00	103.50	21.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

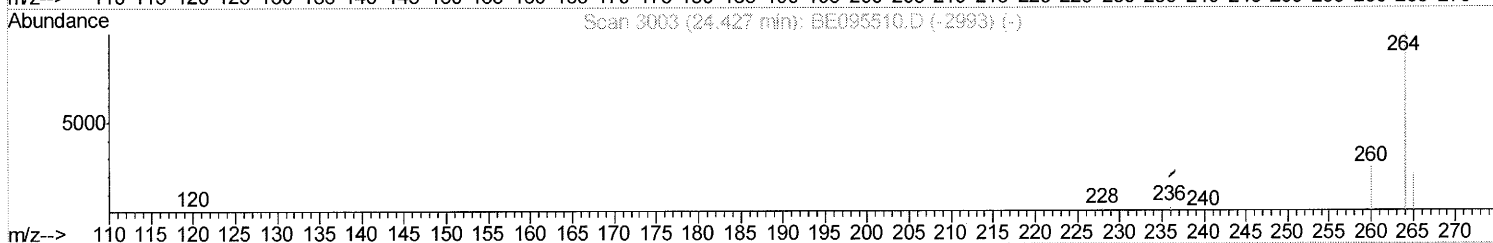
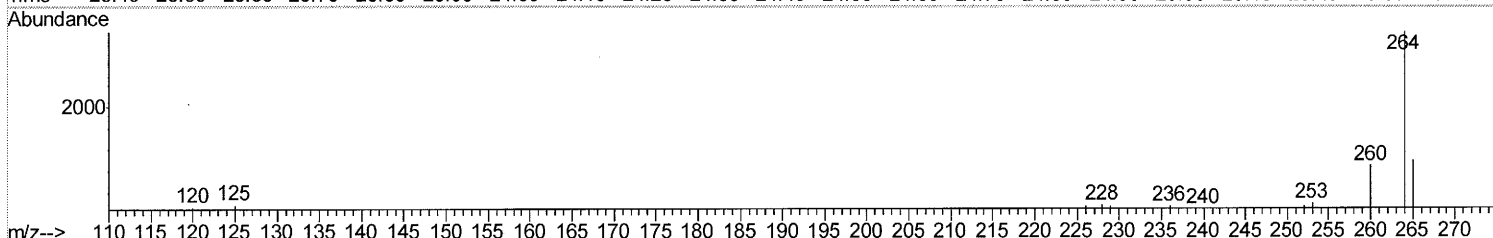
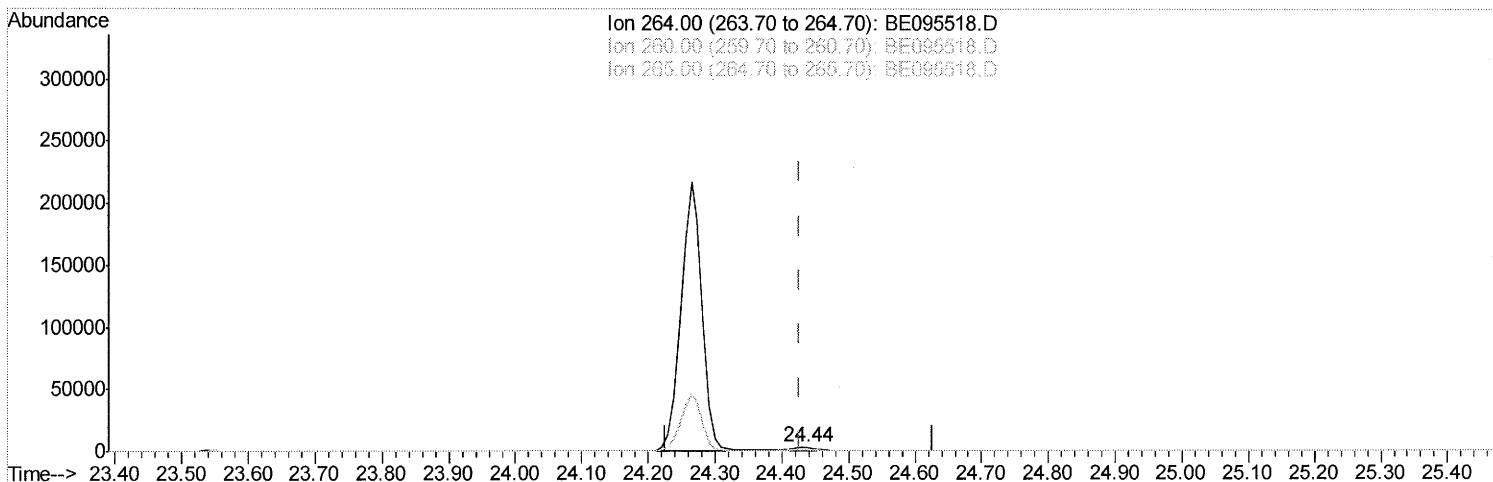
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:06:57 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 04:22:42 2018
Response via : Initial Calibration



TIC: BE095518.D

(20) Perylene-d12 (I)

24.436min (+0.009) 0.40ng/ul m

response 6608

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.38
265.00	103.50	28.86#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

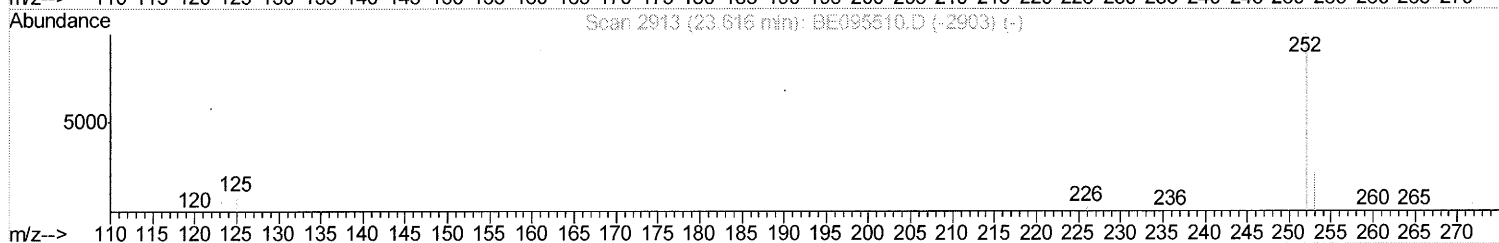
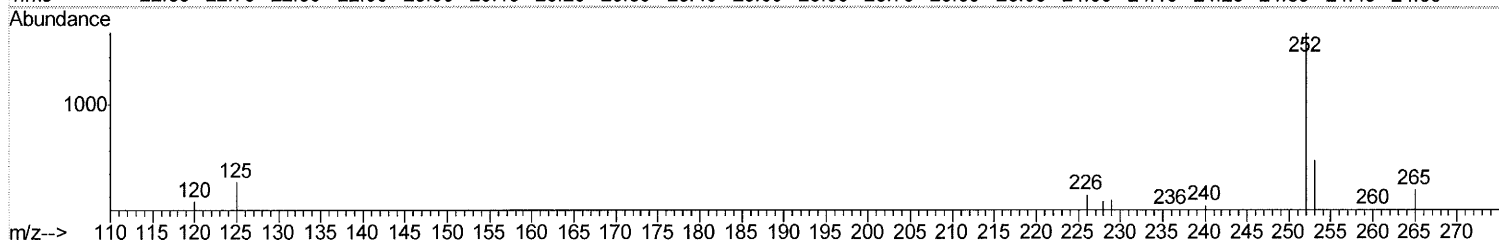
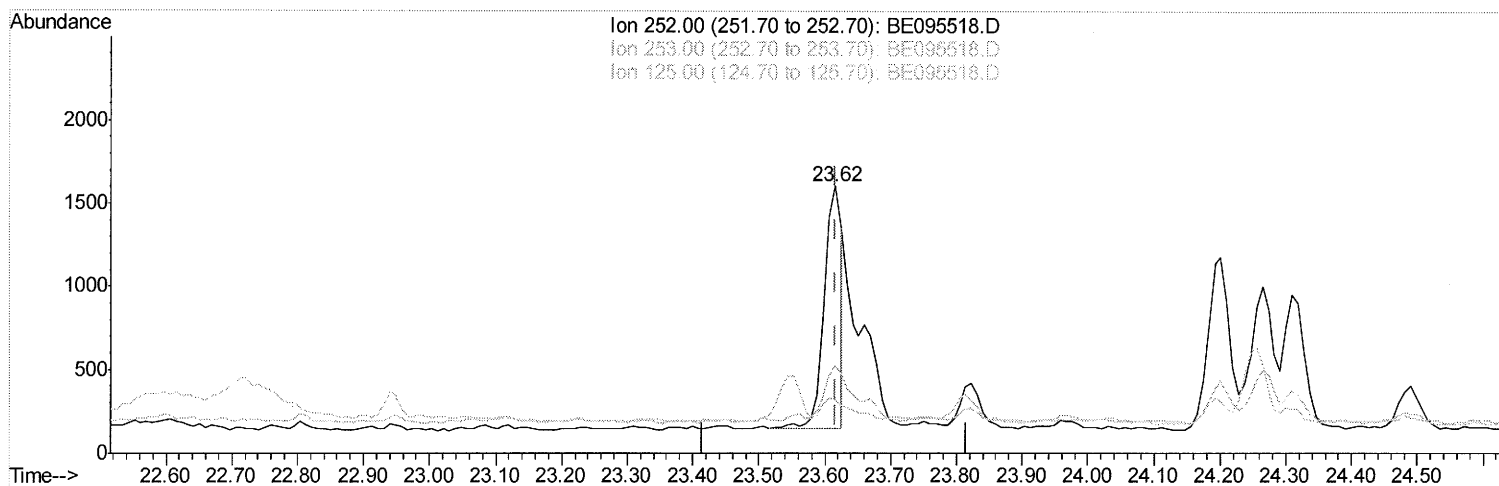
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 04:22:42 2018
Response via : Initial Calibration



TIC: BE095518.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.11ng/ul

response 2669

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.30
125.00	17.50	20.06
0.00	0.00	0.00

Quantitation Report (Qedit)

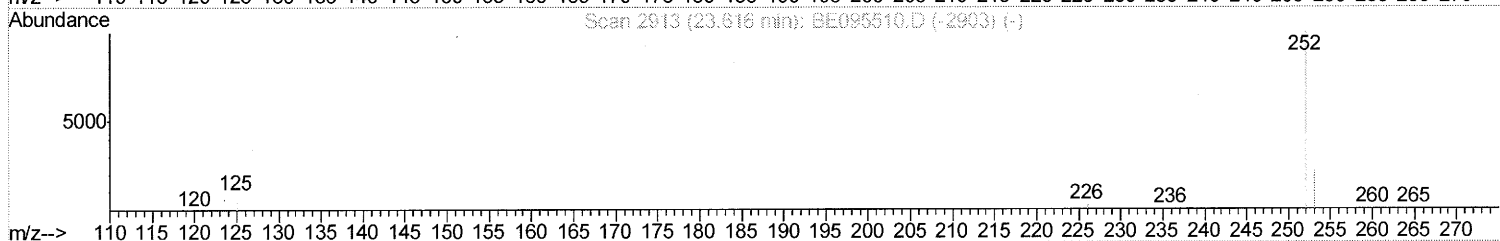
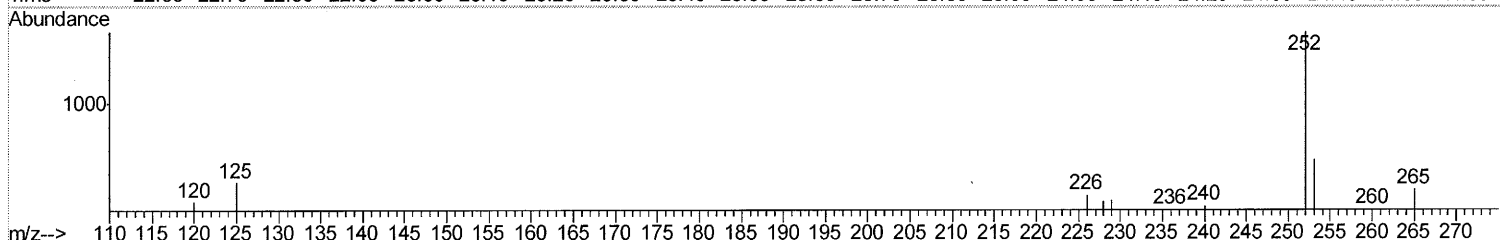
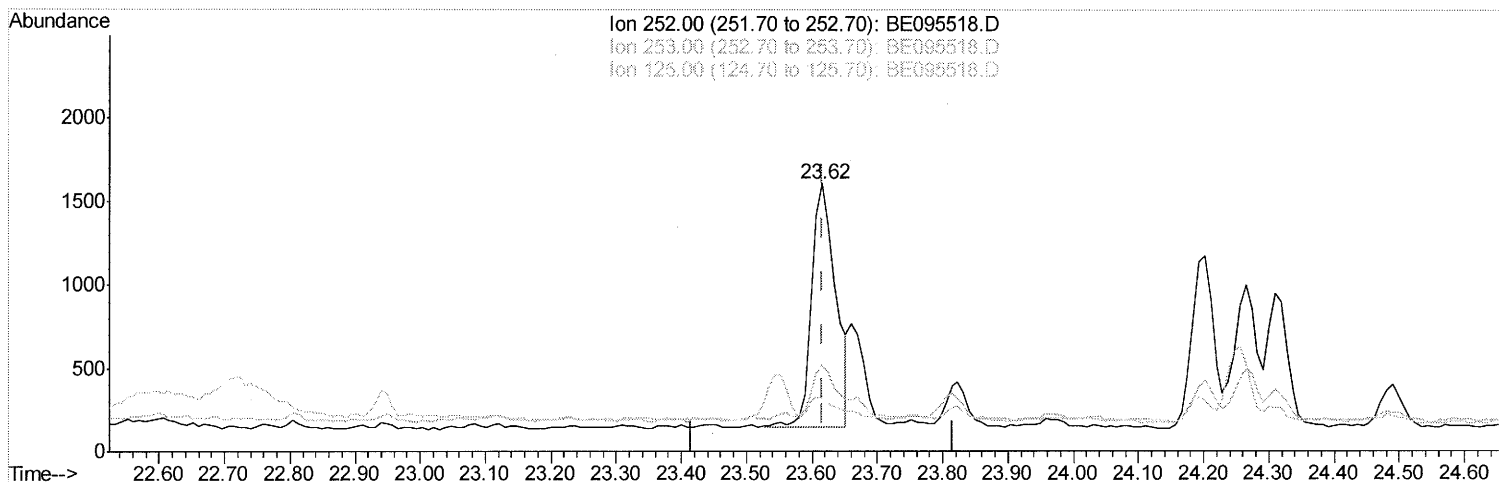
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(21) Benzo(b)fluoranthene

23.616min (-0.000) 0.16ng/ul m

response 3804

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.30
125.00	17.50	20.06
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

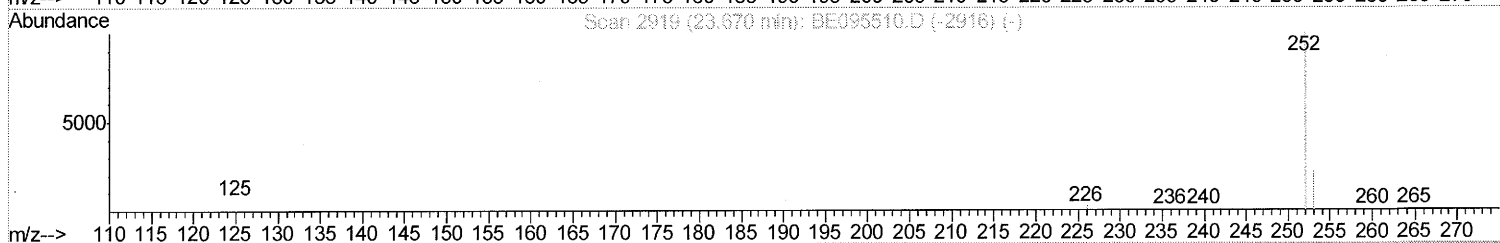
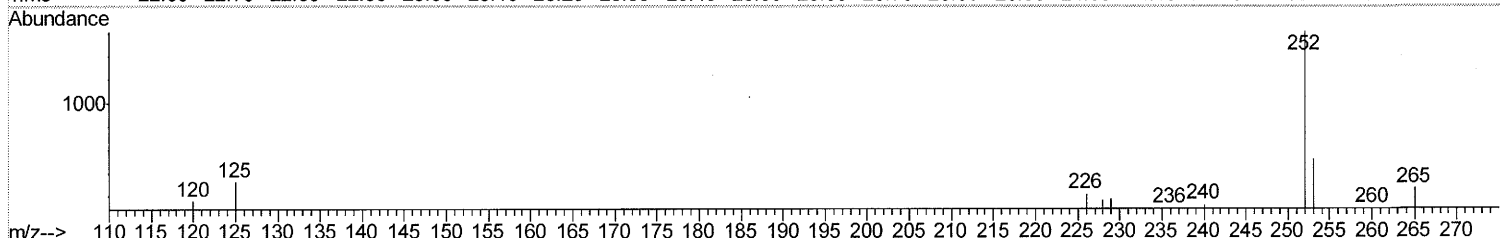
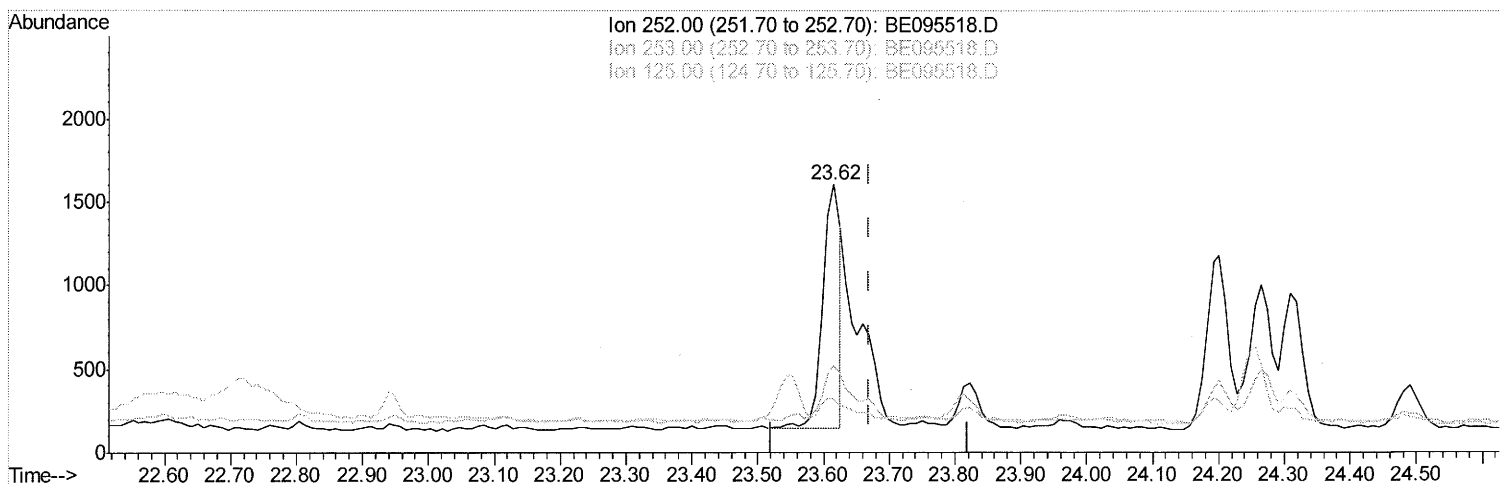
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 04:22:42 2018
Response via : Initial Calibration



TIC: BE095518.D

(22) Benzo(k)fluoranthene

23.616min (-0.055) 0.13ng/ul

response 2669

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.30
125.00	17.10	20.06
0.00	0.00	0.00

Quantitation Report (Qedit)

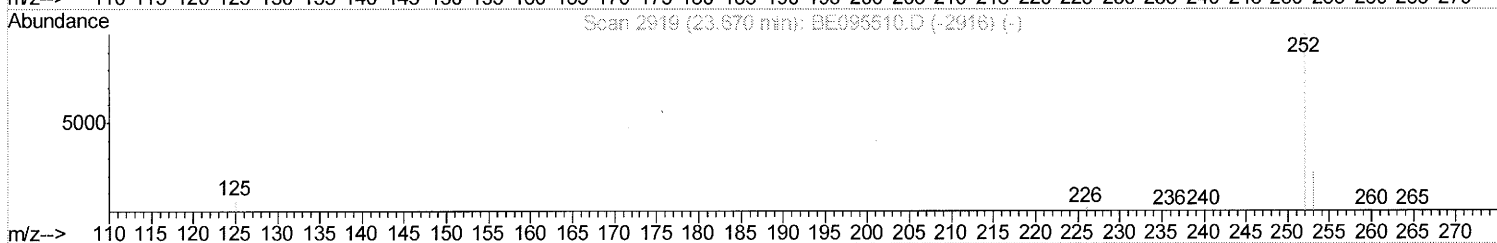
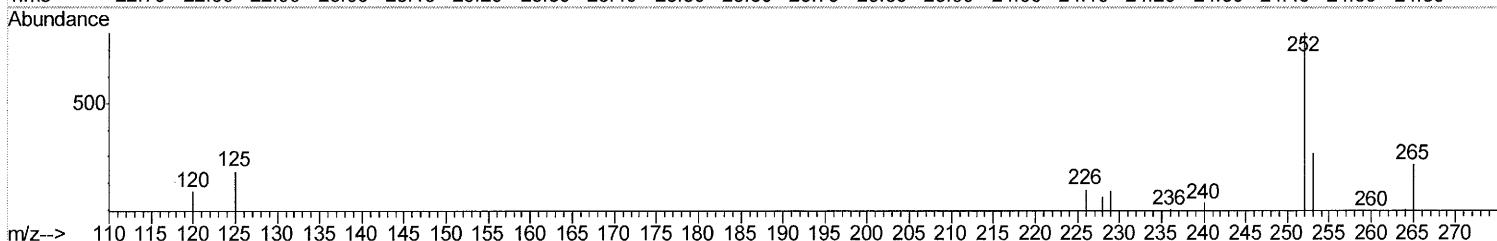
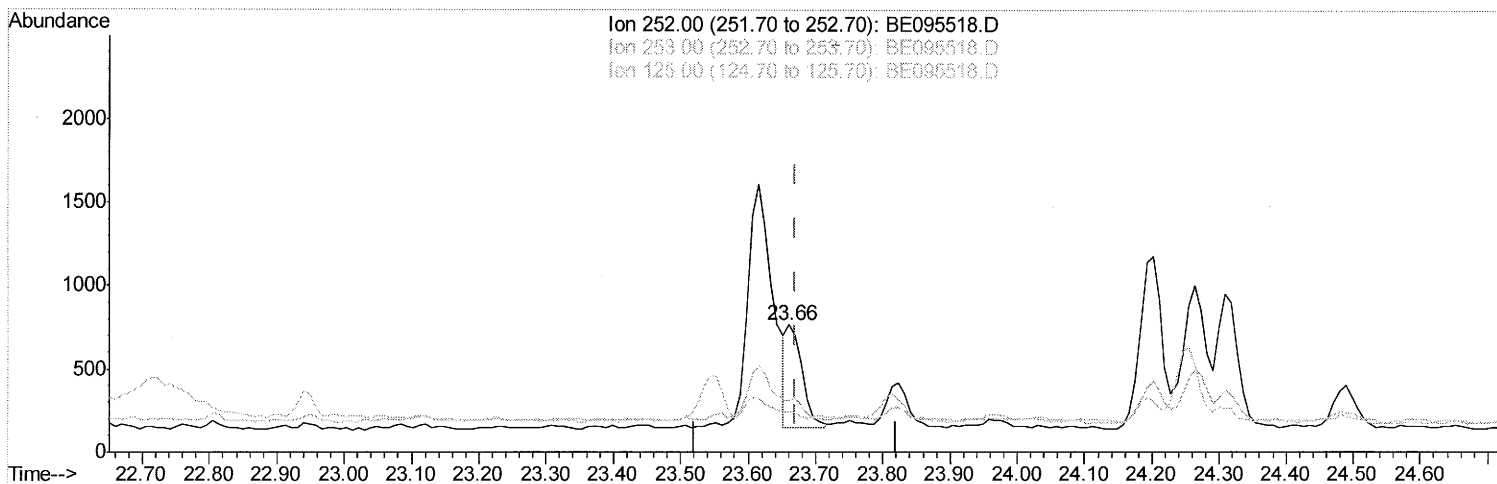
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE095518.D

(22) Benzo(k)fluoranthene

23.661min (-0.009) 0.05ng/ul m

response 993

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.34#
125.00	17.10	31.59#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

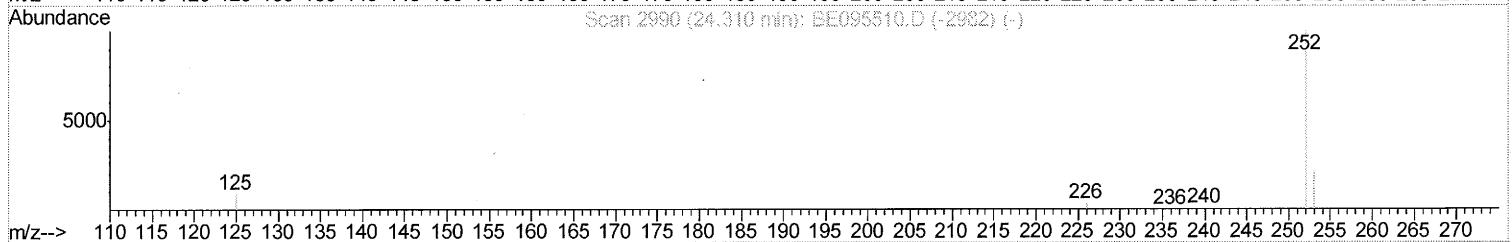
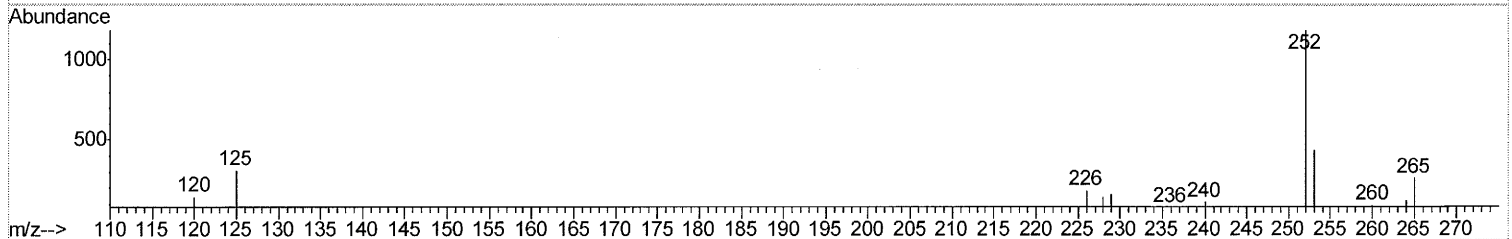
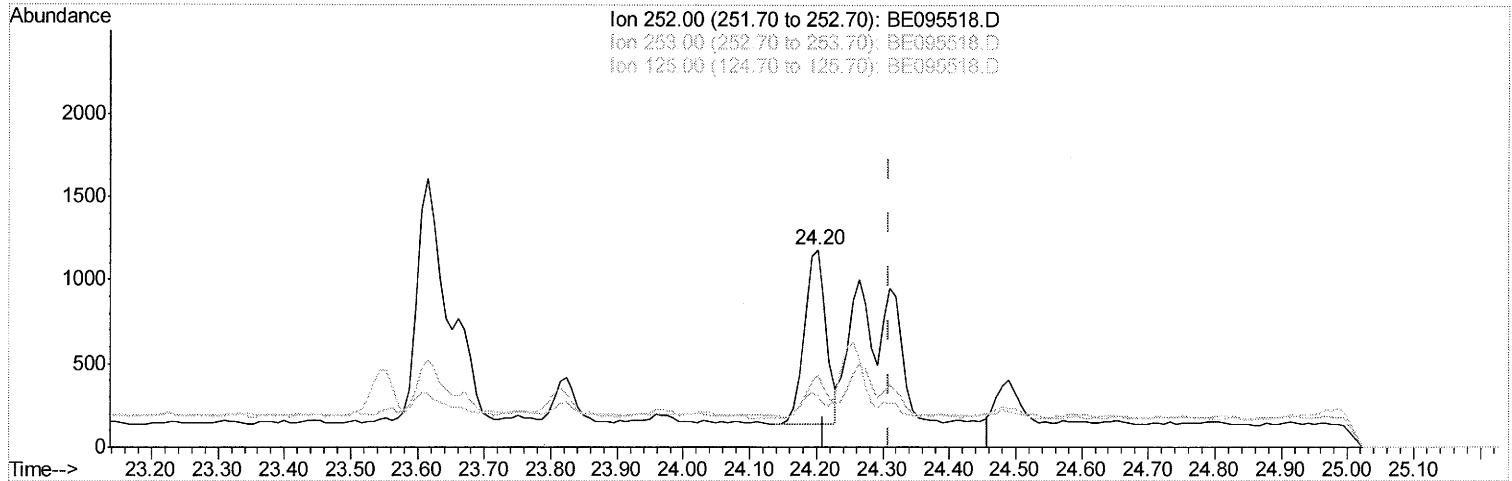
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(23) Benzo(a)pyrene (C)
 24.201min (-0.109) 0.12ng/ul
 response 2430

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	36.69
125.00	22.60	26.19
0.00	0.00	0.00

Quantitation Report (Qedit)

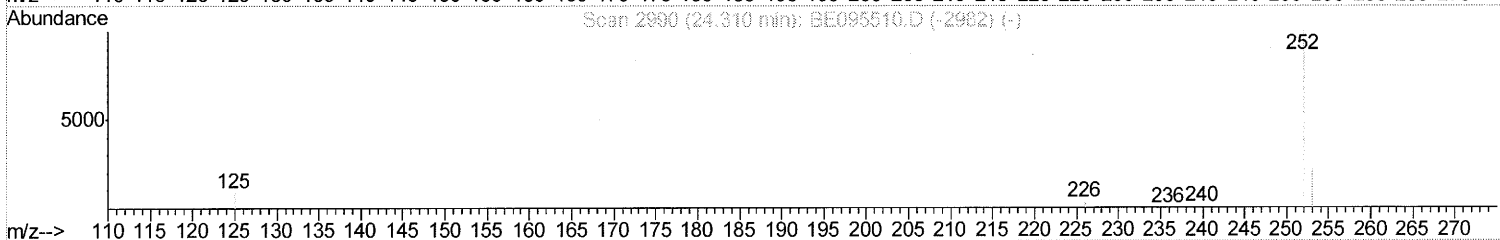
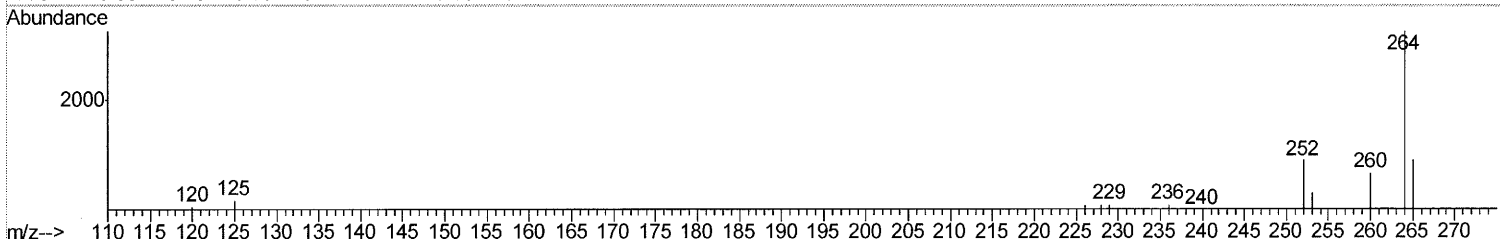
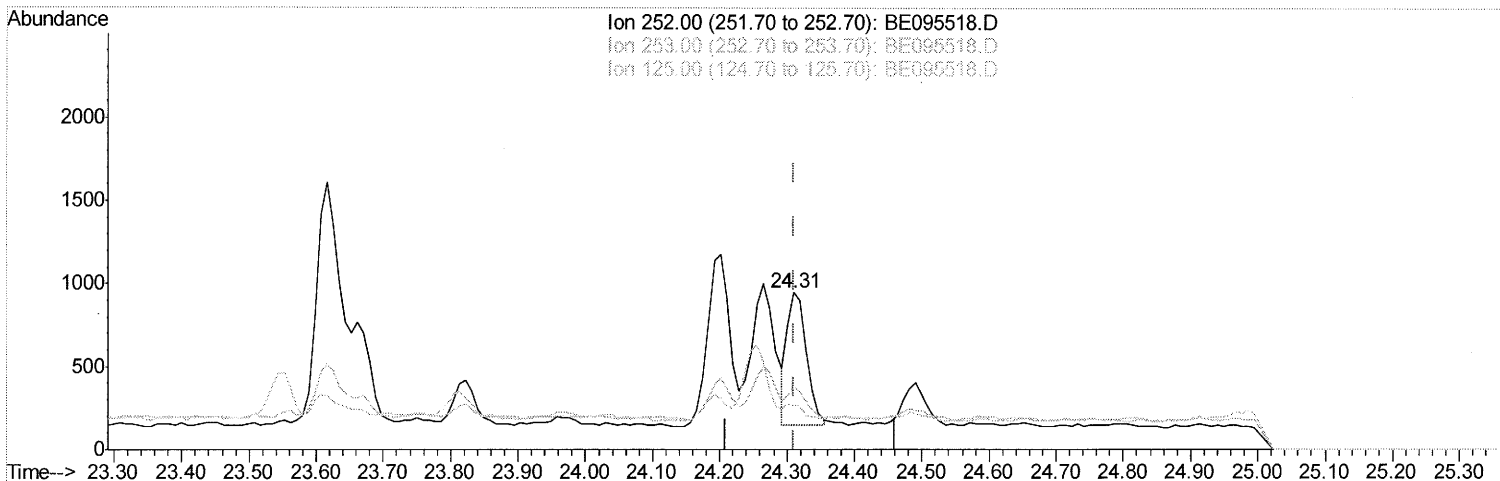
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE095518.D

(23) Benzo(a)pyrene (C)
 24.309min (-0.000) 0.08ng/ul m
 response 1585

SJ 2/7/18

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	38.99
125.00	22.60	27.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

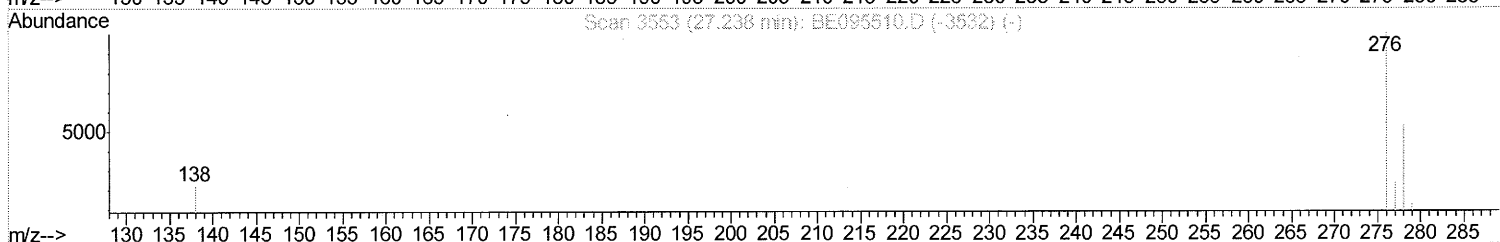
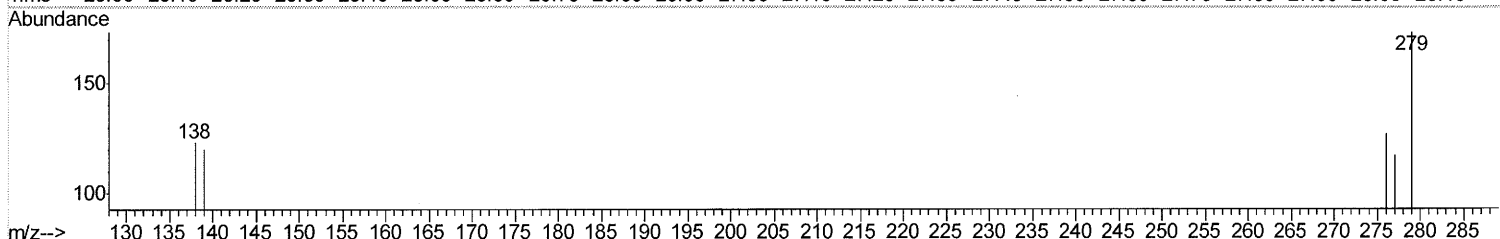
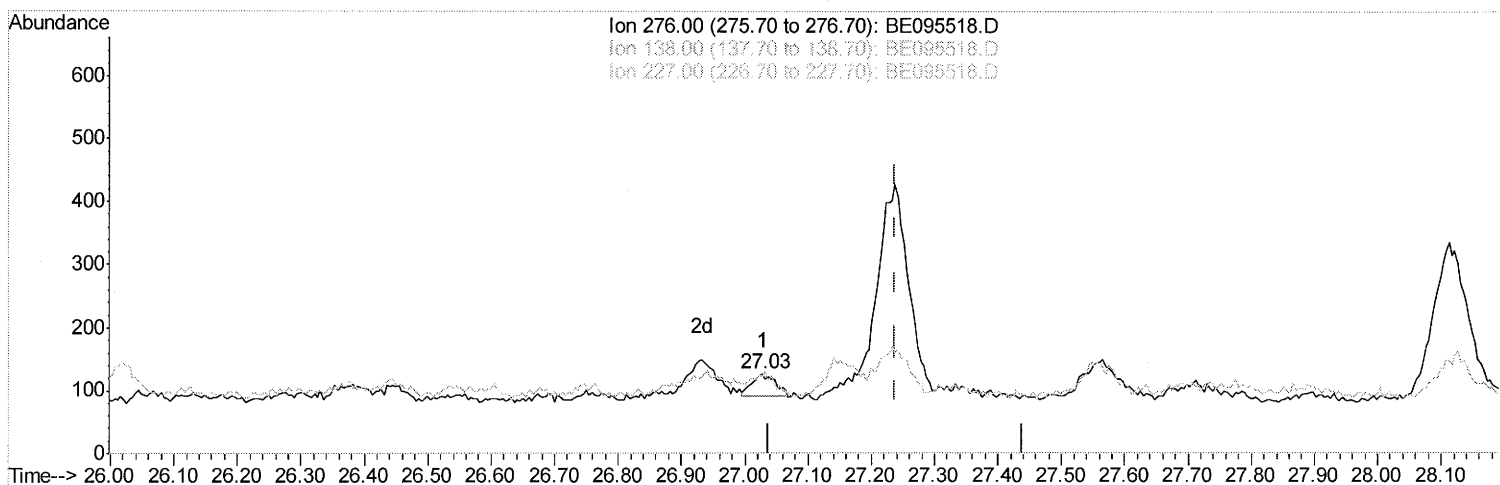
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
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TIC: BE095518.D

(24) Indeno(1,2,3-cd)pyrene

27.028min (-0.210) 0.00ng/ul

response 86

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	103.49#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

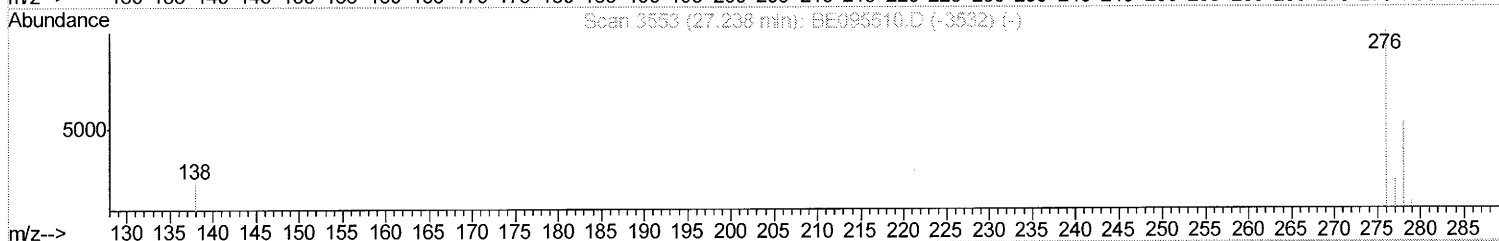
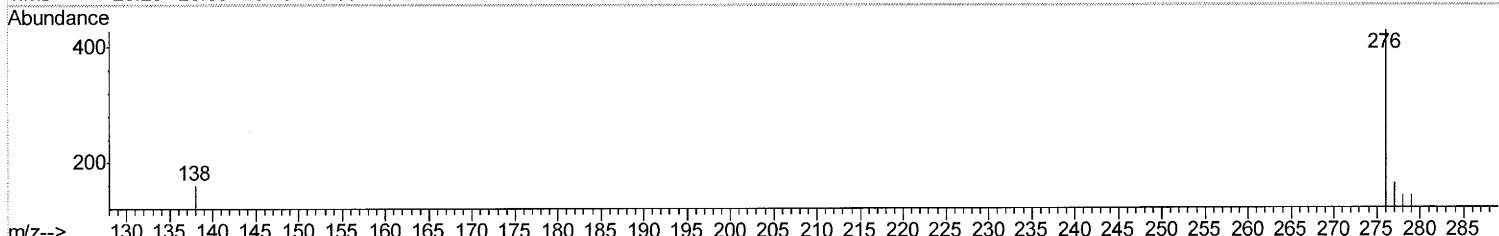
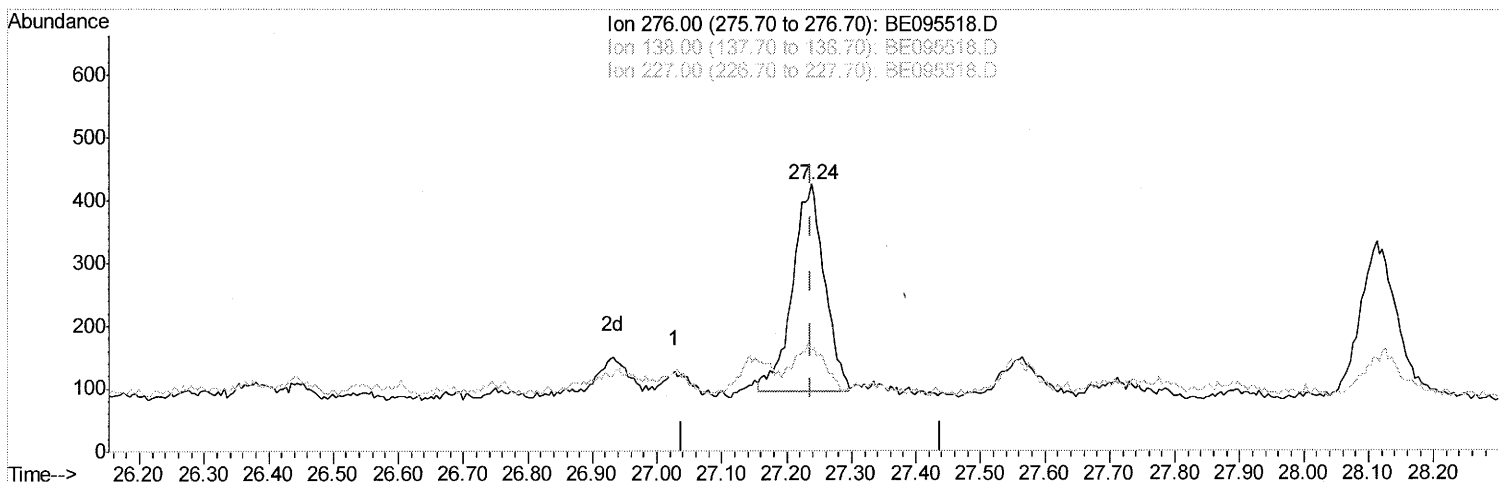
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:09:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(24) Indeno(1,2,3-cd)pyrene

27.238min (-0.001) 0.05ng/ul m

response 1138

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	7.82#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ 2/7/18

Quantitation Report (Qedit)

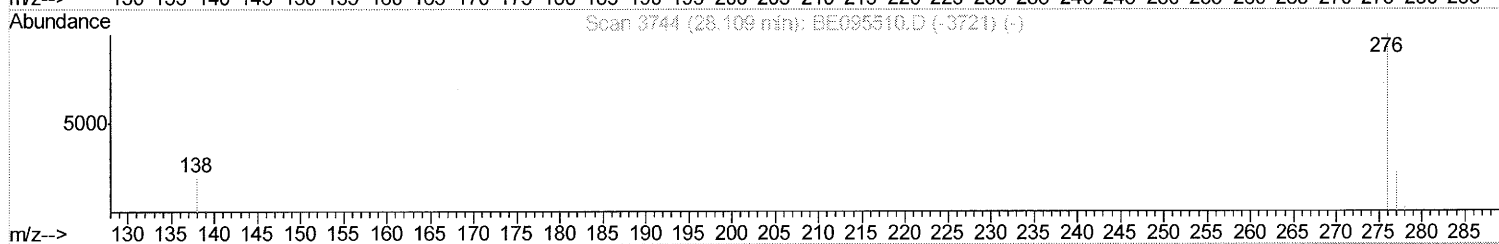
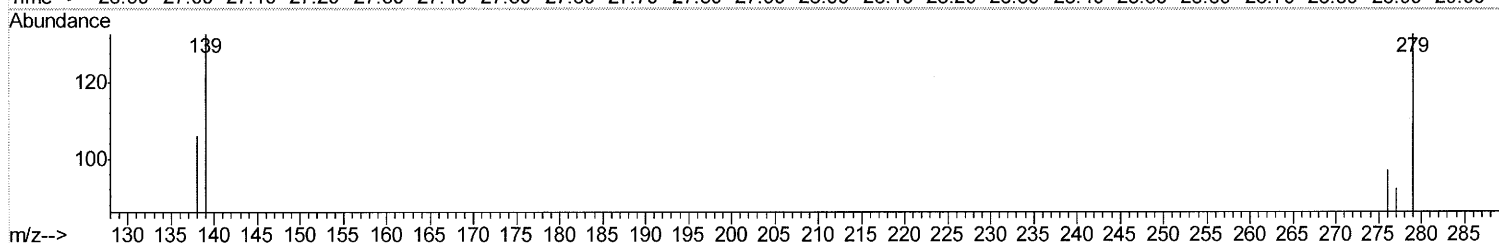
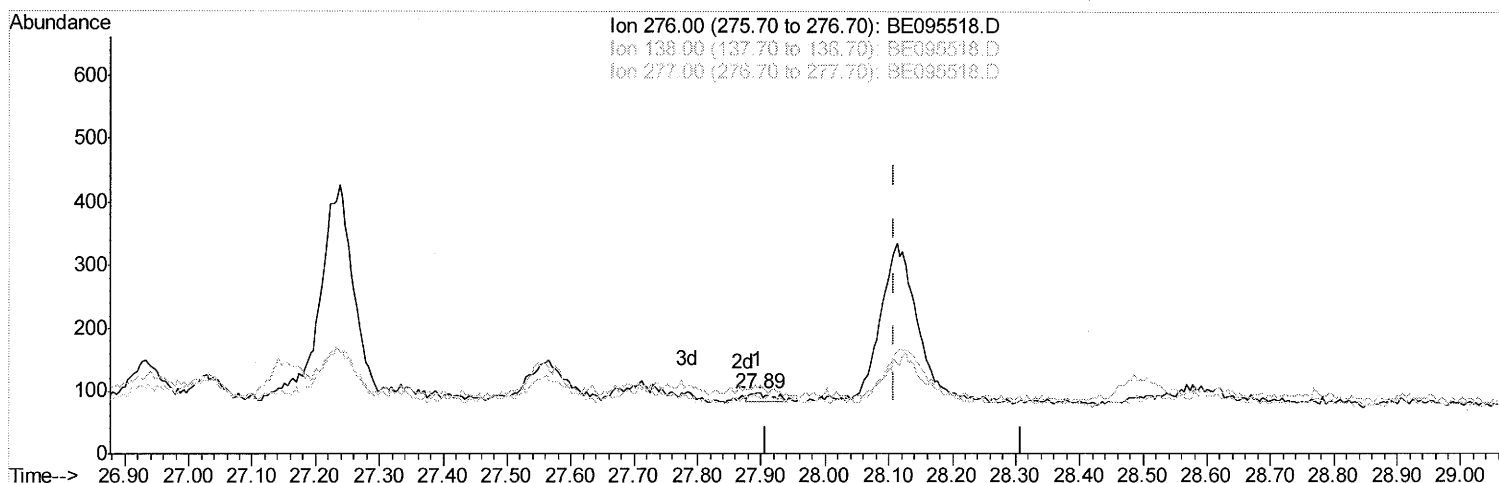
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
Data File : BE095518.D
Acq On : 6 Feb 2018 7:27
Operator : SJ/JU
Sample : J1315-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F6C81

Manual Integrations
APPROVED

Sohil
2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:11:49 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 04:22:42 2018
Response via : Initial Calibration



TIC: BE095518.D

(26) Benzo(g,h,i)perylene

27.894min (-0.215) 0.00ng/ul

response 33

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	109.28#
277.00	25.60	94.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

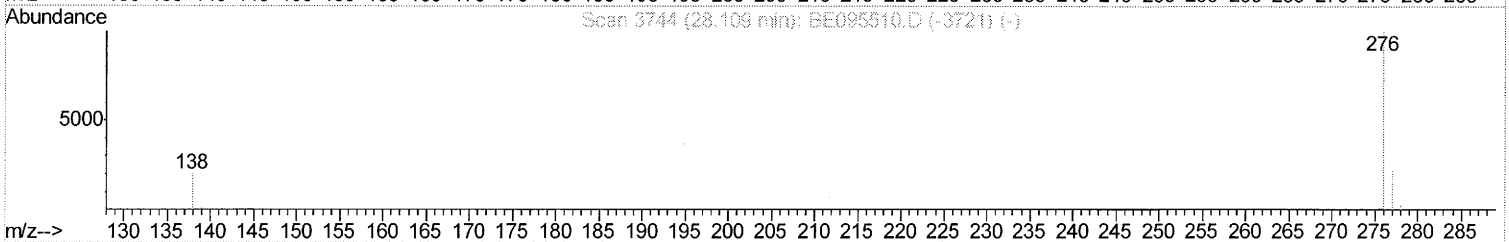
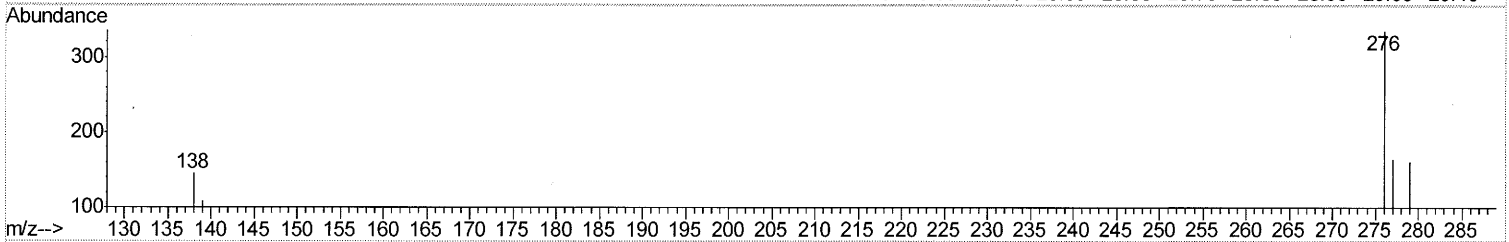
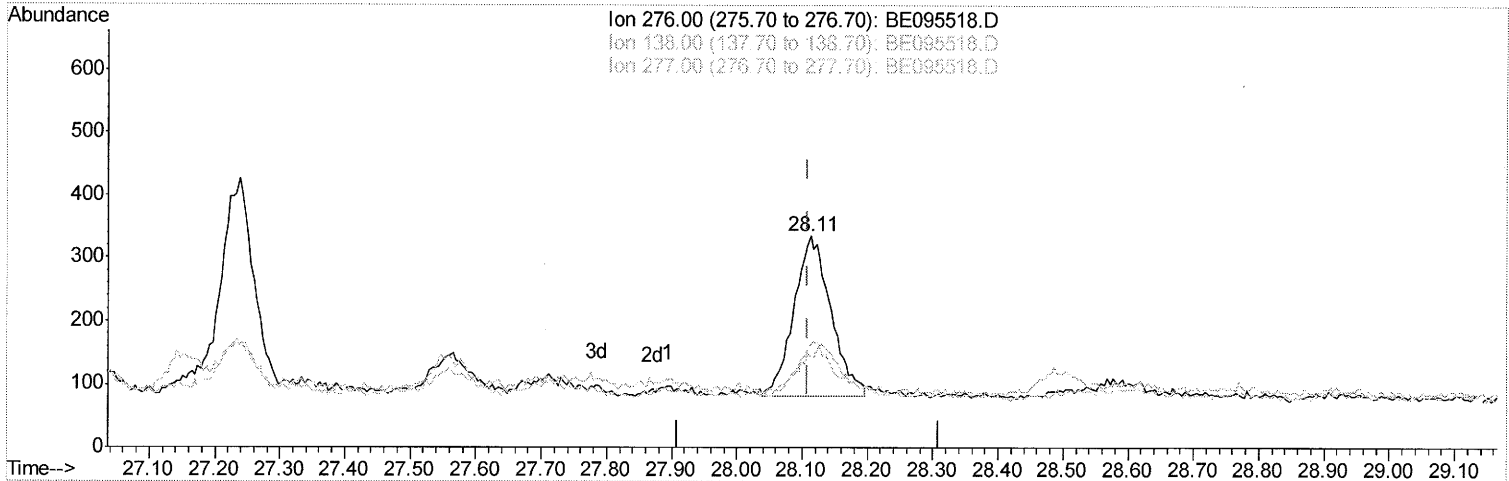
Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:11:49 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration



TIC: BE095518.D

(26) Benzo(g,h,i)perylene

28.112min (+0.004) 0.05ng/ul m

response 994

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	43.28#
277.00	25.60	48.96#
0.00	0.00	0.00

SJ 2/7/18

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020518\
 Data File : BE095518.D
 Acq On : 6 Feb 2018 7:27
 Operator : SJ/JU
 Sample : J1315-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F6C81

Manual Integrations
 APPROVED

Sohil
 2/6/2018 2:32:41 PM

Quant Time: Feb 06 08:12:44 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 04:22:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1723	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	4861	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3207	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7442	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7034	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	6608m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	2450	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	7350	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.75	152	667	0.043	ng/ul#	74
11) Pentachlorophenol	17.36	266	563	0.391	ng/ul	93
12) Phenanthrene	17.75	178	614	0.025	ng/ul#	63
13) Anthracene	17.85	178	1095m	0.048	ng/ul	
15) Fluoranthene	19.72	202	2535	0.078	ng/ul	83
17) Pyrene	20.07	202	3897m	0.165	ng/ul	
18) Benzo(a)anthracene	21.78	228	3302	0.150	ng/ul#	47
19) Chrysene	21.84	228	2654	0.116	ng/ul#	76
21) Benzo(b)fluoranthene	23.62	252	3804m	0.163	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	993m	0.047	ng/ul	
23) Benzo(a)pyrene	24.31	252	1585m	0.076	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1138m	0.050	ng/ul	
26) Benzo(a,h,i)perylene	28.11	276	994m	0.051	ng/ul	

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