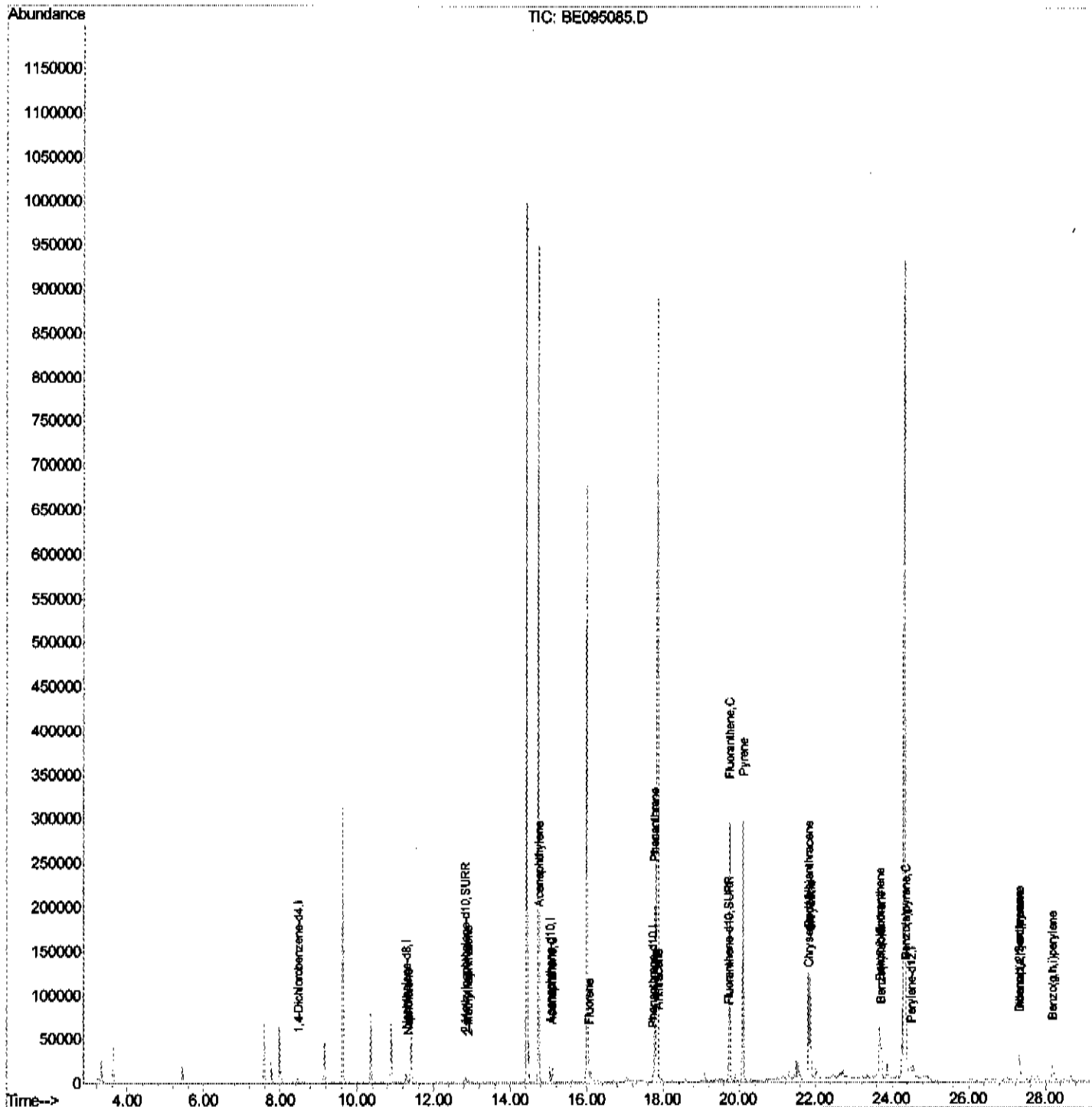


Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:14:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



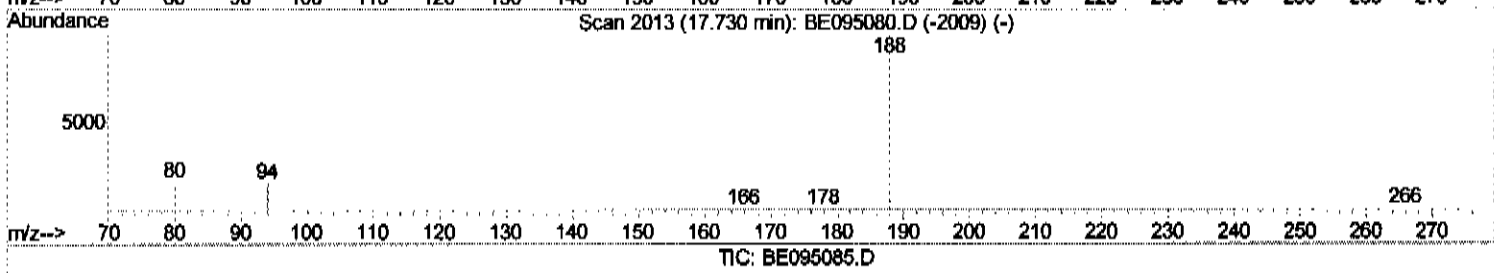
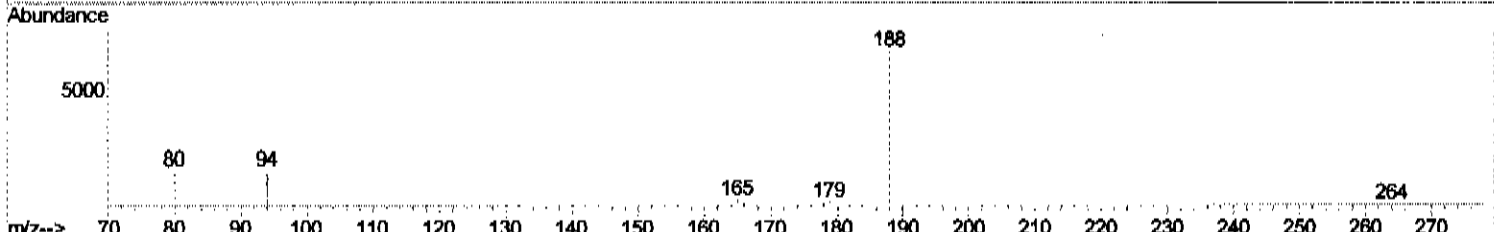
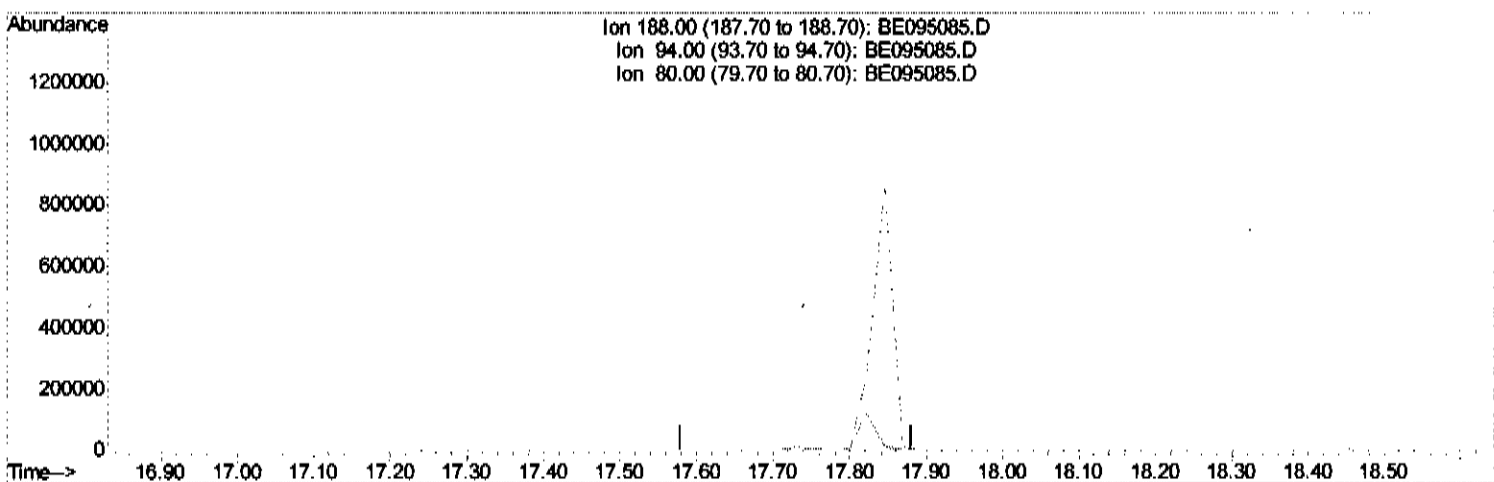
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:10:18 2018
 Quant Method : 2:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)
 17.730min (-17.730) 0.00ng/ul
 response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	11.00	0.00#
80.00	11.80	0.00#
0.00	0.00	0.00

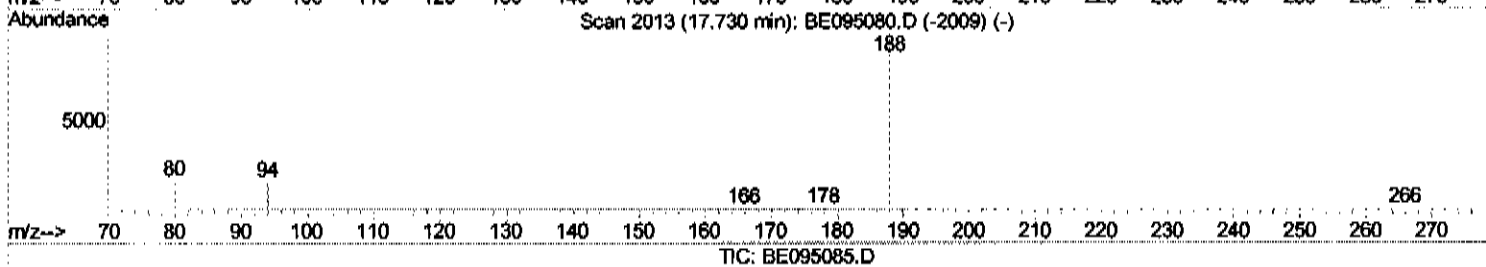
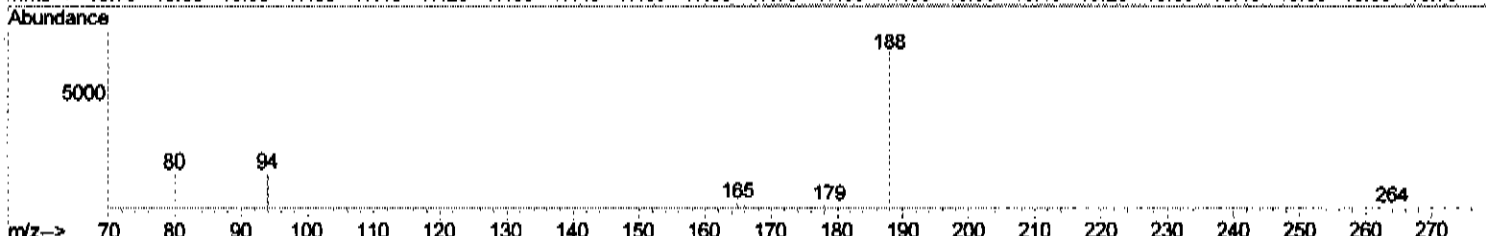
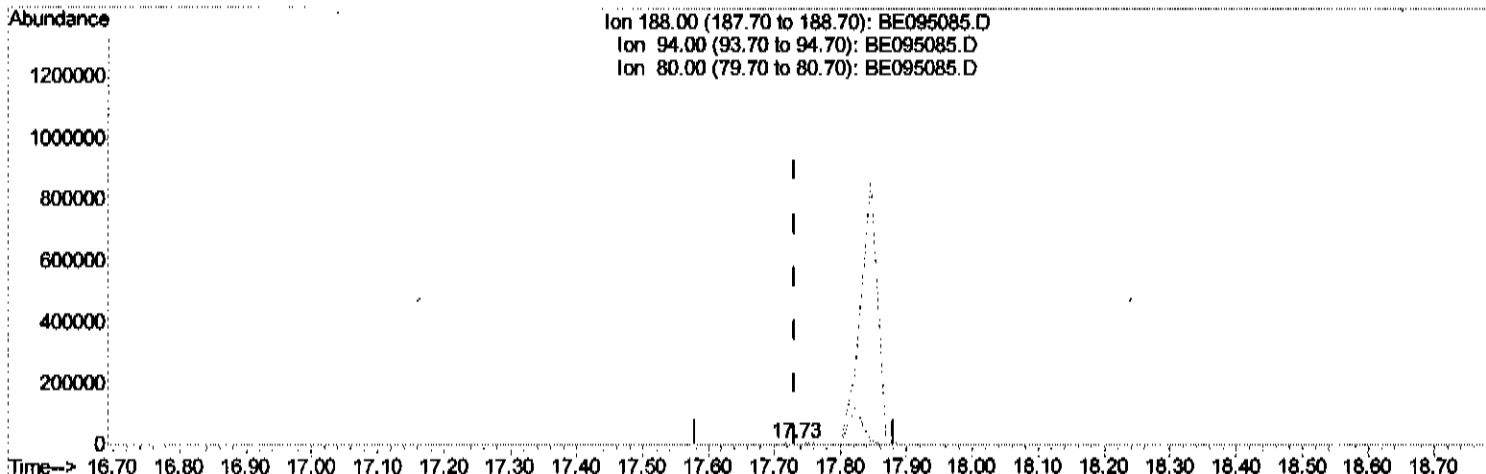
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:10:18 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.730min (-0.001) 0.40ng/ul m *SJ 1/23/18*

response 17979

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	19.82#
80.00	11.80	20.44#
0.00	0.00	0.00

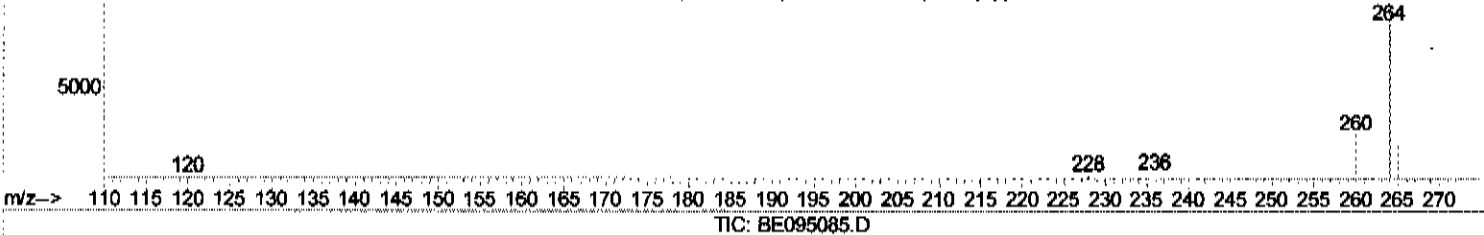
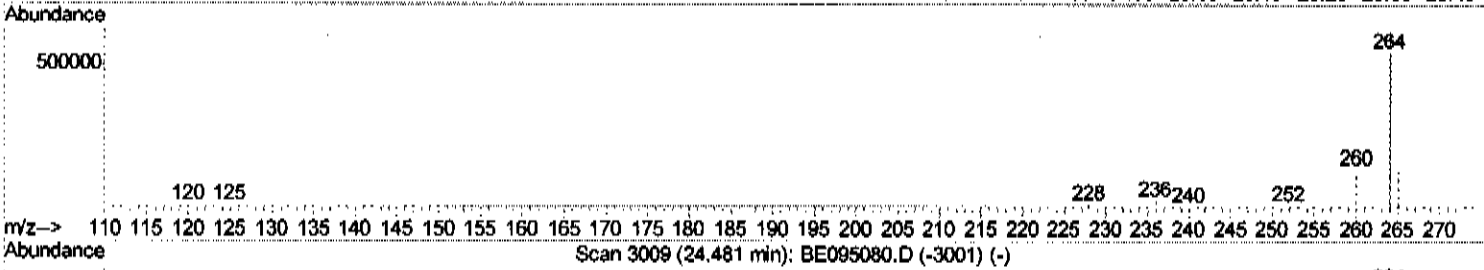
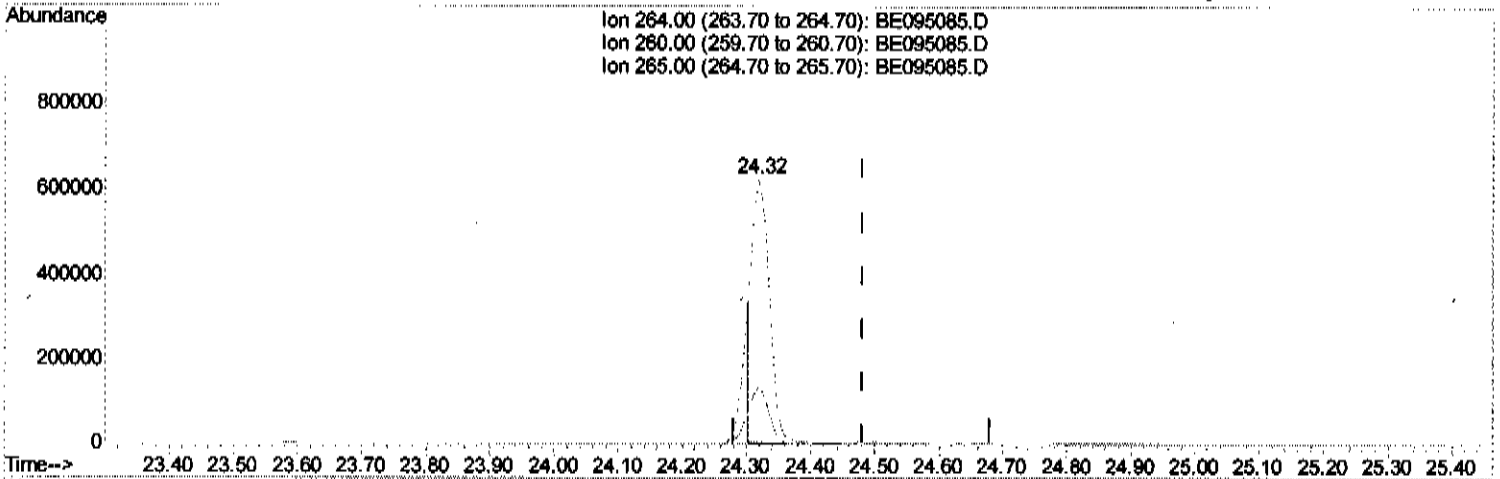
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:10:54 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)
 24.319min (-0.161) 0.40ng/ul
 response 1142977

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.20#
265.00	103.50	21.66#
0.00	0.00	0.00

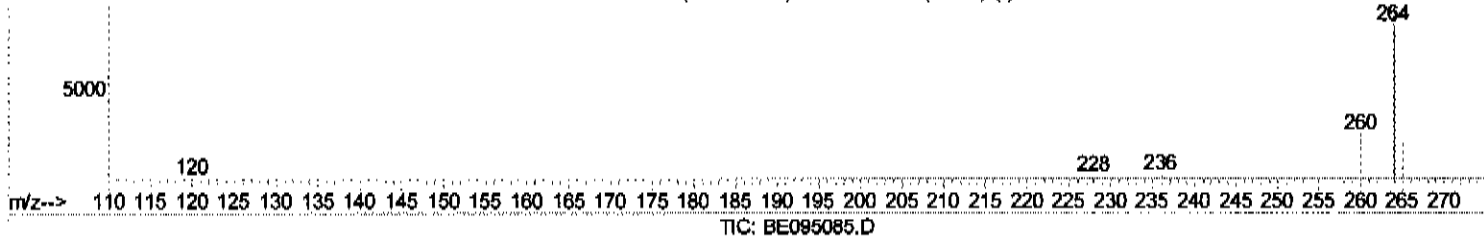
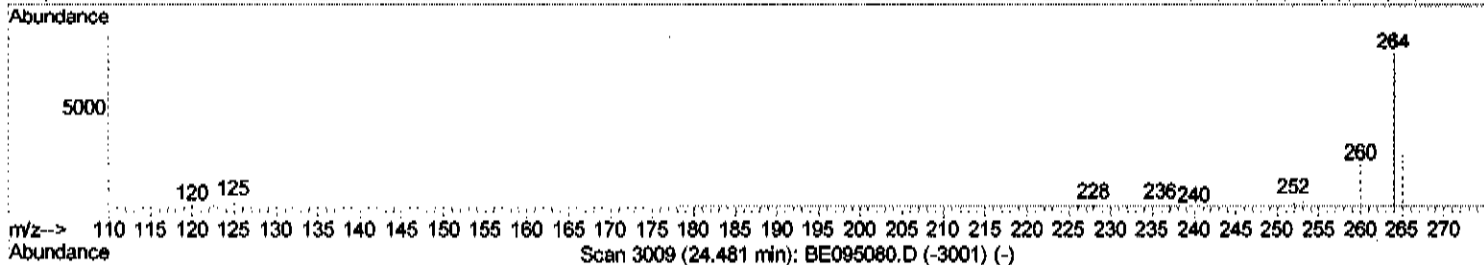
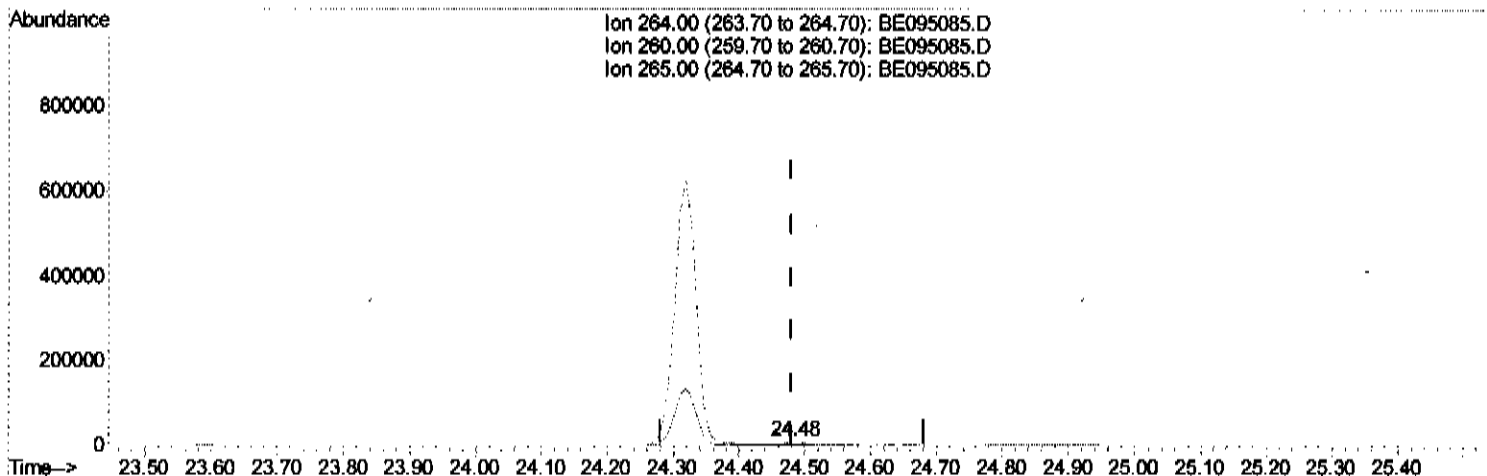
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:10:54 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

24.482min (+0.001) 0.40ng/ul m *SJ/23/18*

response 15531

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.83
265.00	103.50	30.59#
0.00	0.00	0.00

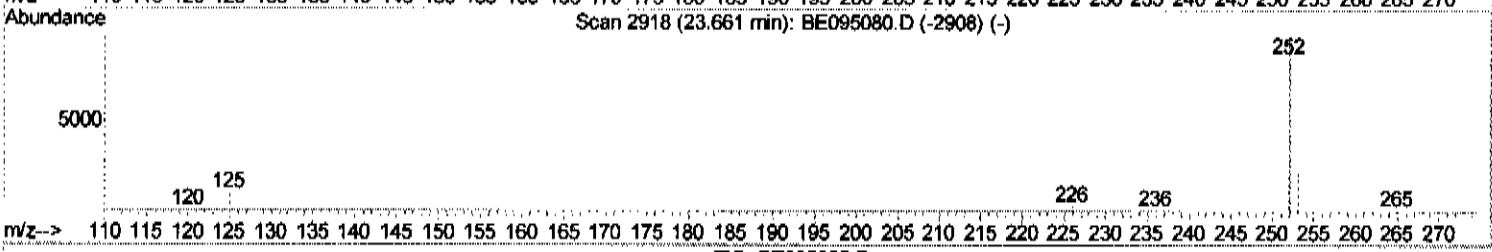
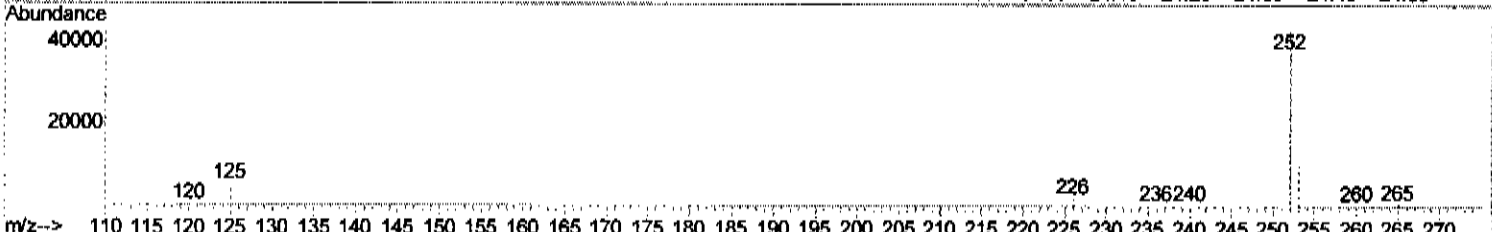
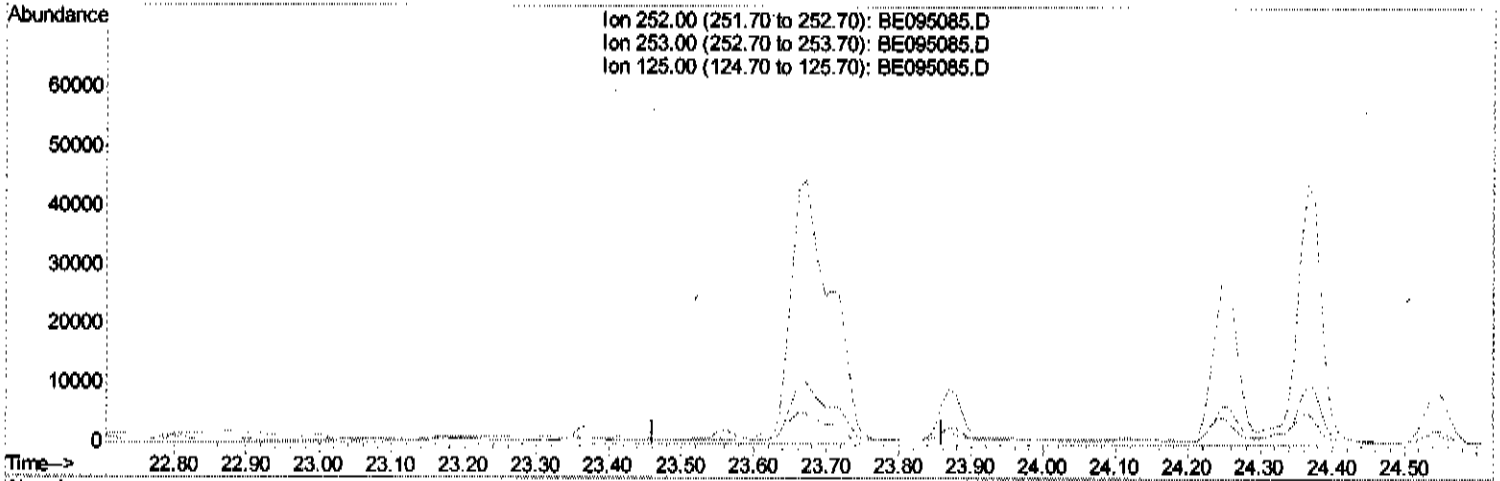
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



TIC: BE095085.D

(21) Benzo(b)fluoranthene
 23.661min (-23.661) 0.00ng/ul
 response 0

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

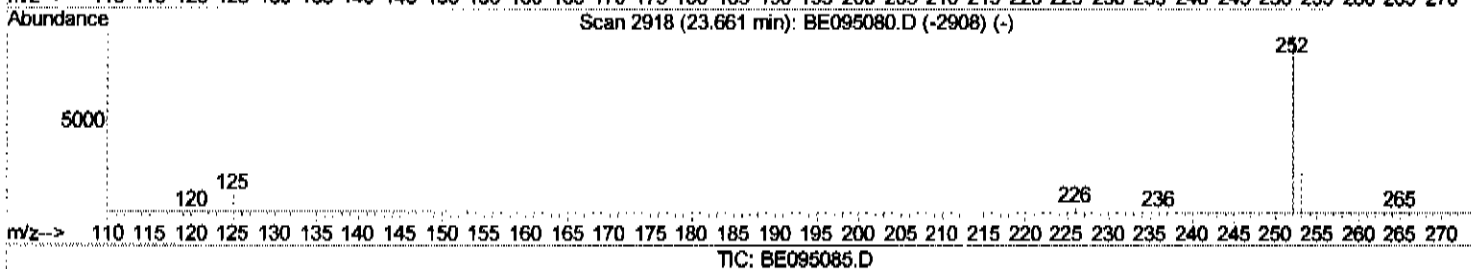
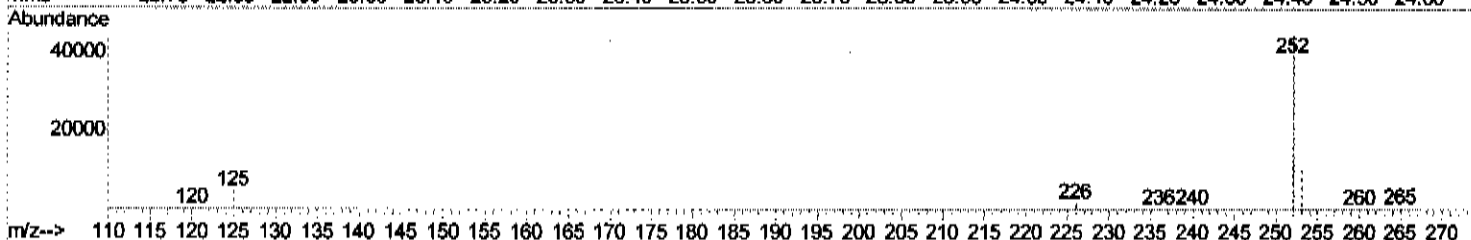
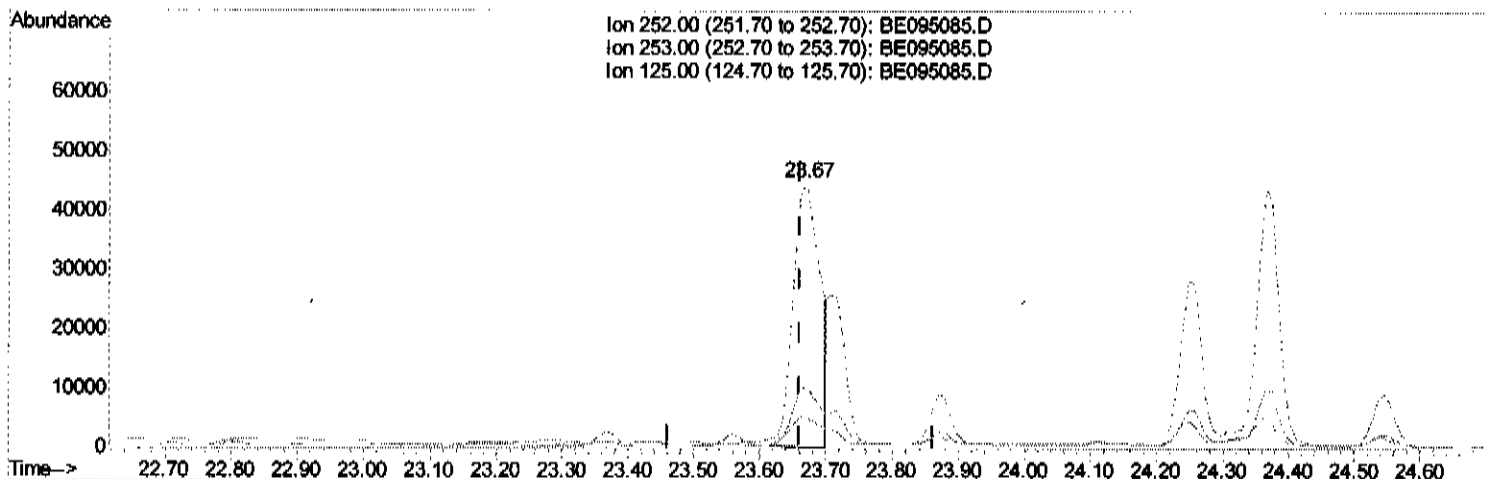
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.671min (+0.010) 2.36ng/ul m *SJ 1/23/18*

response 123606

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.37
125.00	17.50	11.33
0.00	0.00	0.00

Quantitation Report (Qedit)

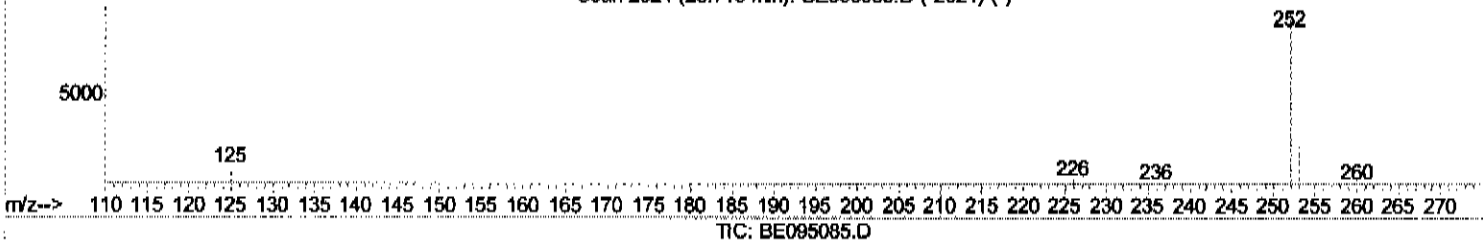
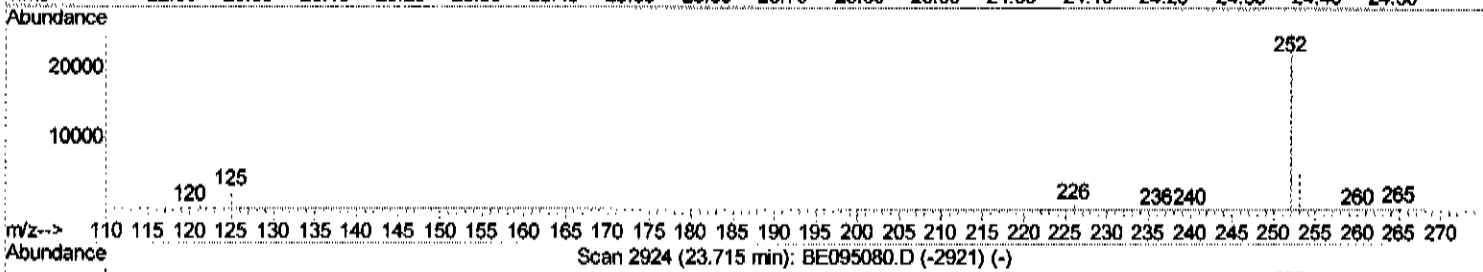
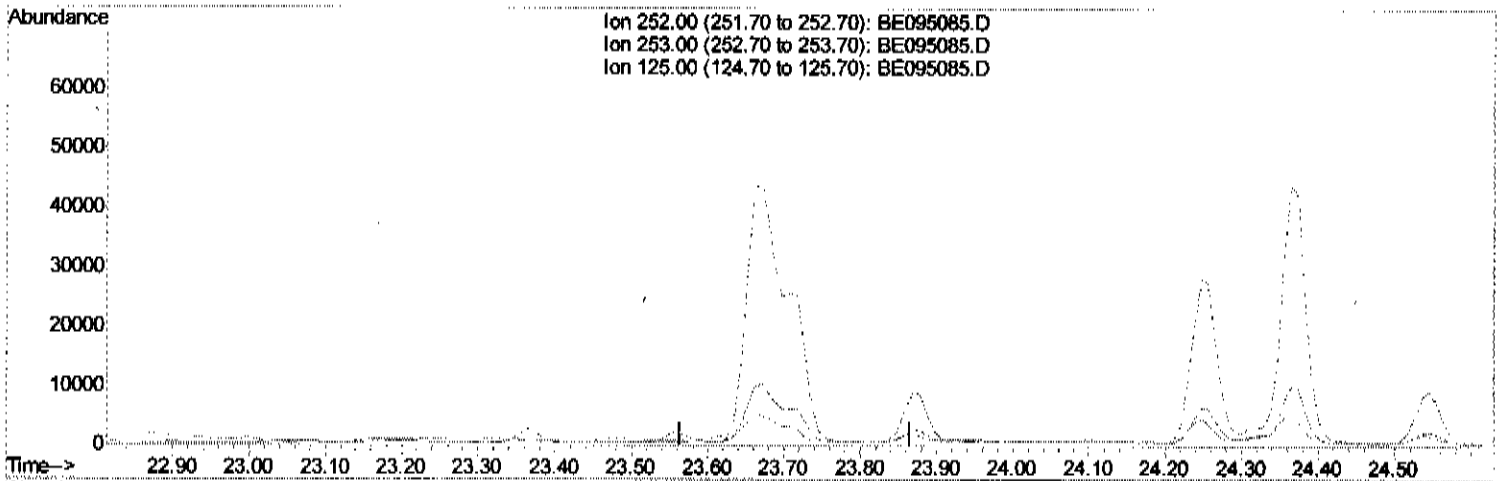
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.715min (-23.715) 0.00ng/ul

response 0

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

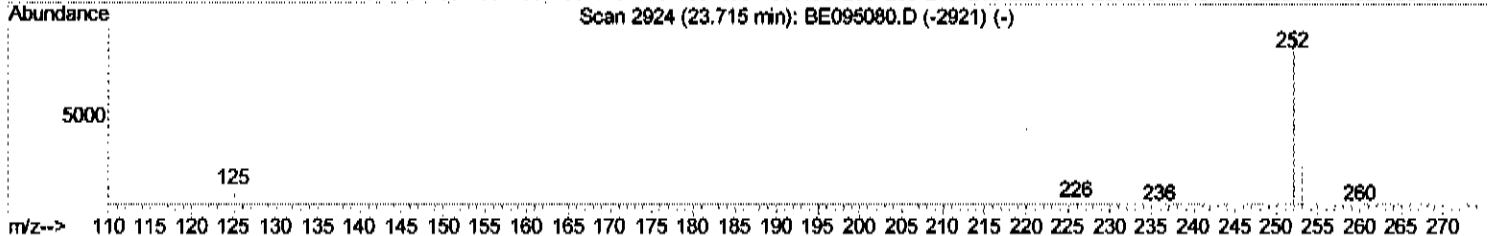
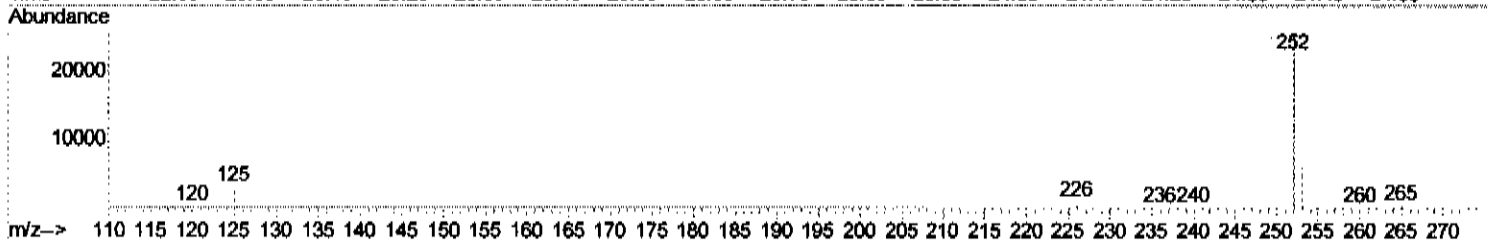
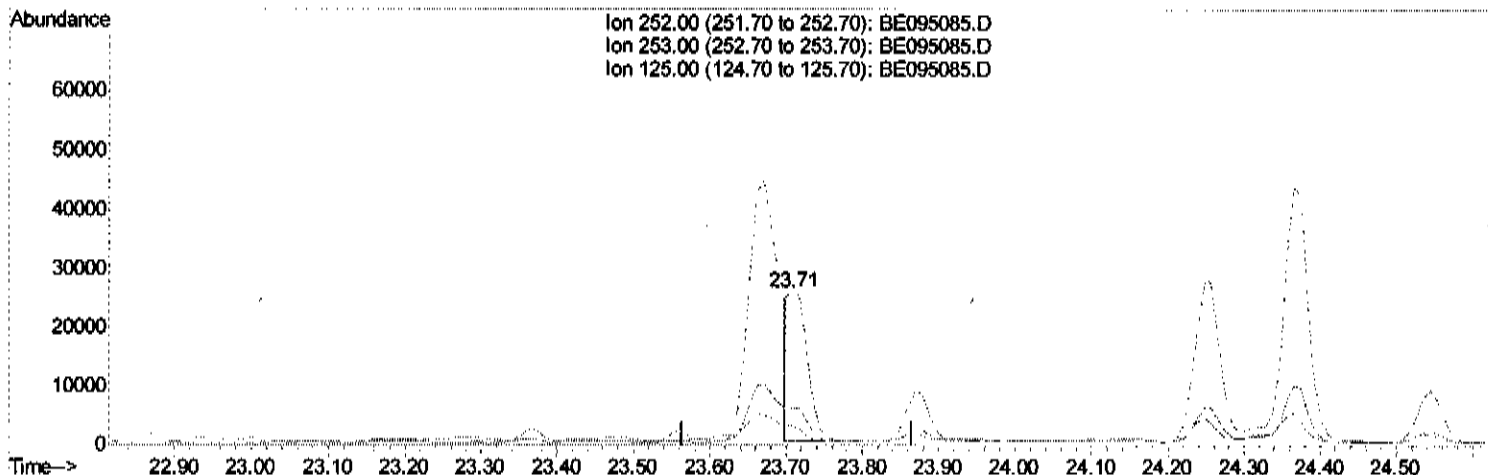
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.707min (-0.008) 0.90ng/ul m

SJ 1/23/18

response 43272

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.84#
125.00	17.10	12.38#
0.00	0.00	0.00

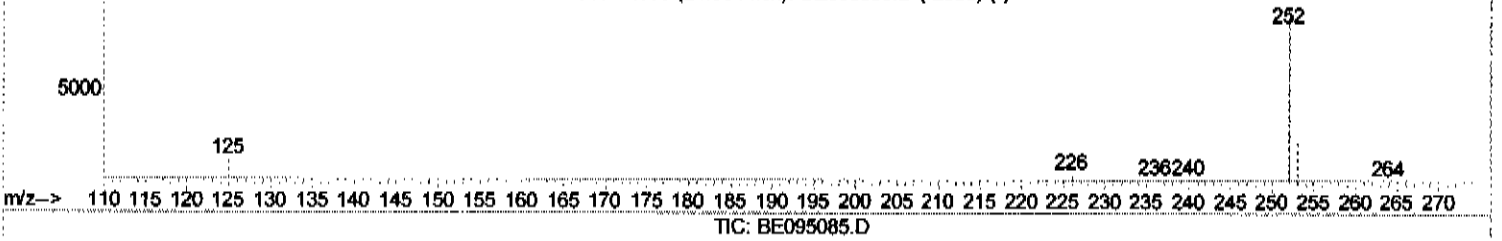
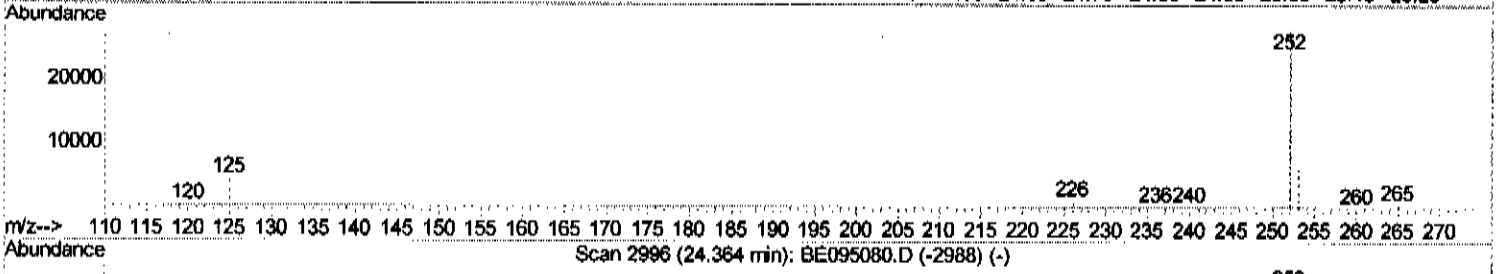
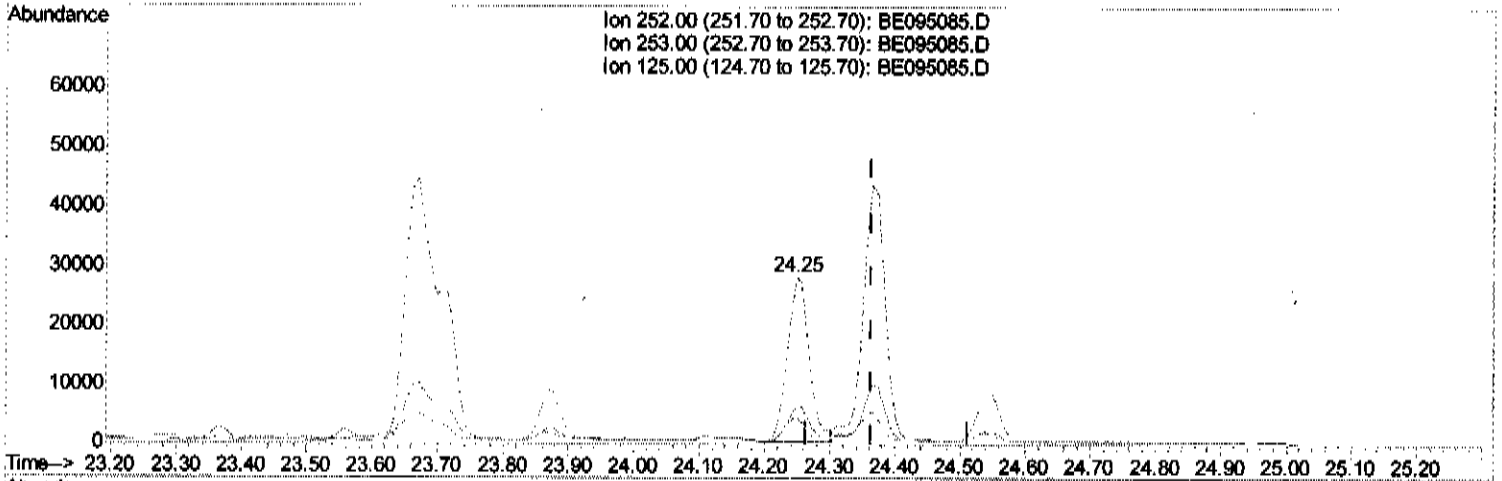
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 24.247min (-0.116) 1.48ng/ul
 response 66154

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.99#
125.00	22.60	16.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

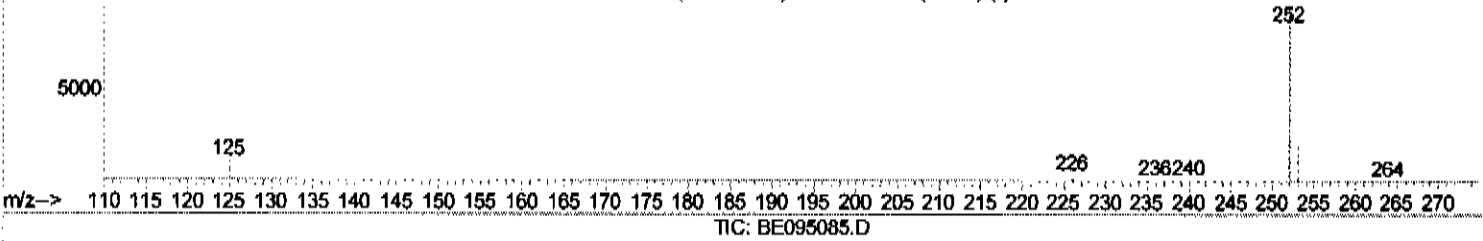
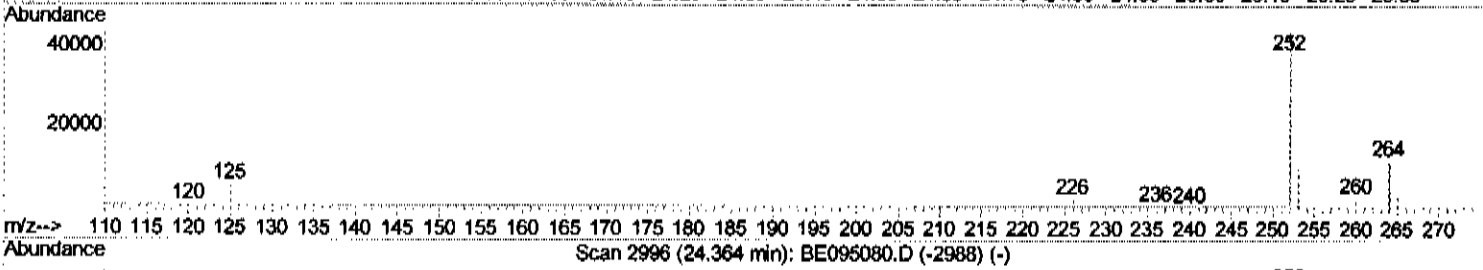
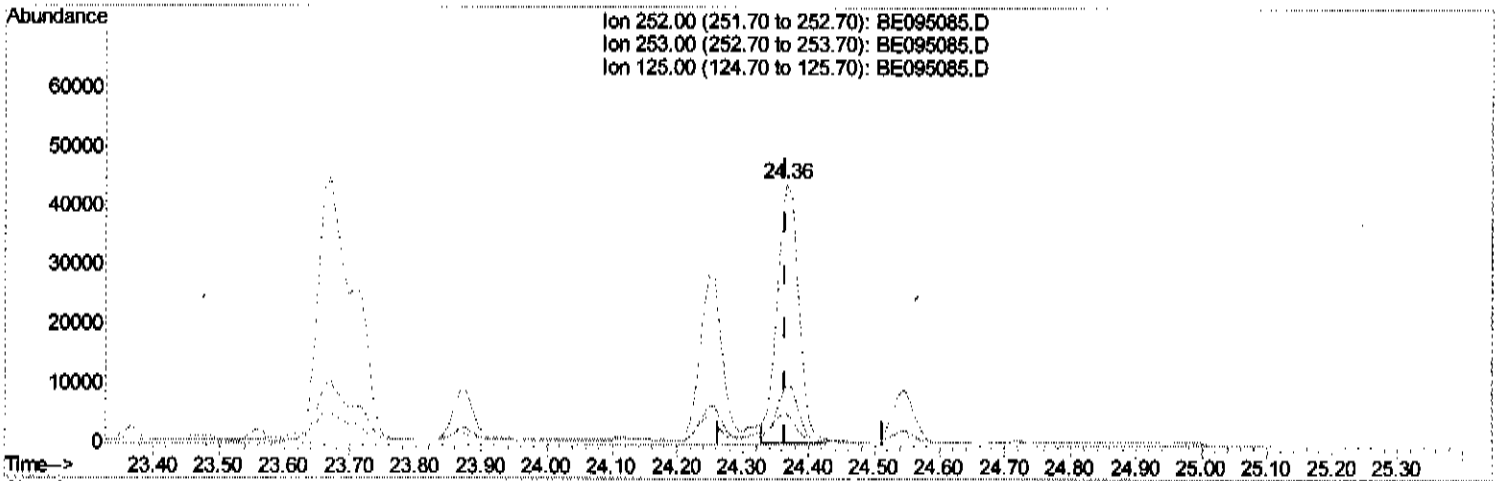
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

24.365min (+0.001) 2.18ng/ul m

SJ/23/18

response 97350

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.87#
125.00	22.60	12.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

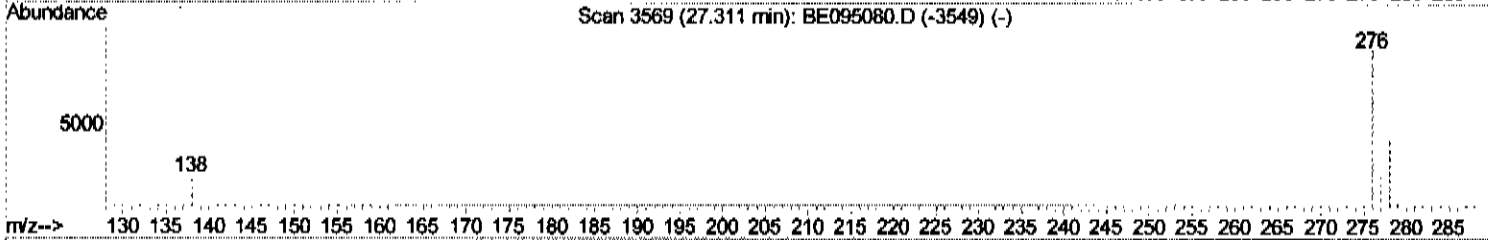
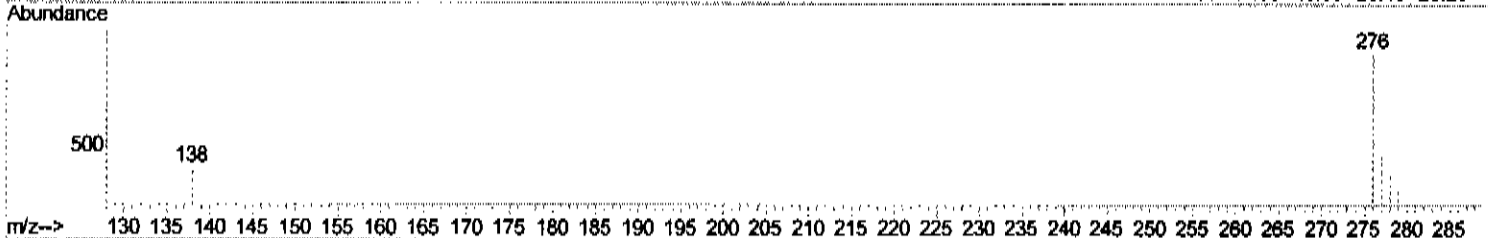
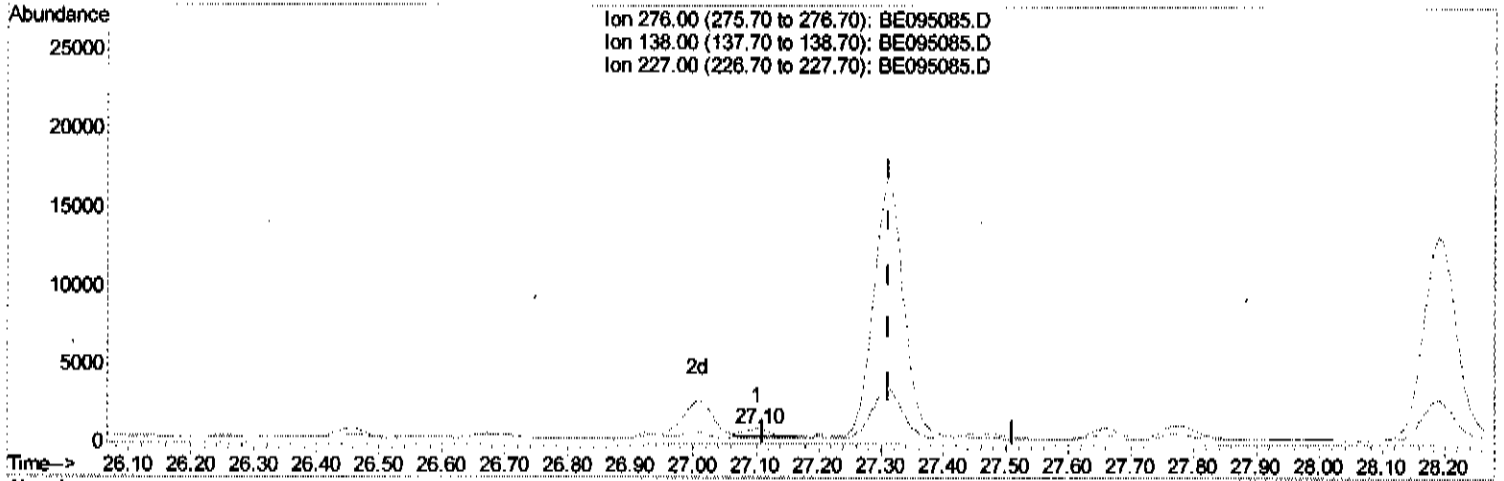
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



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

27.102min (-0.210) 0.04ng/ul

response 1587

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	31.00
227.00	10.00	0.00#
0.00	0.00	0.00

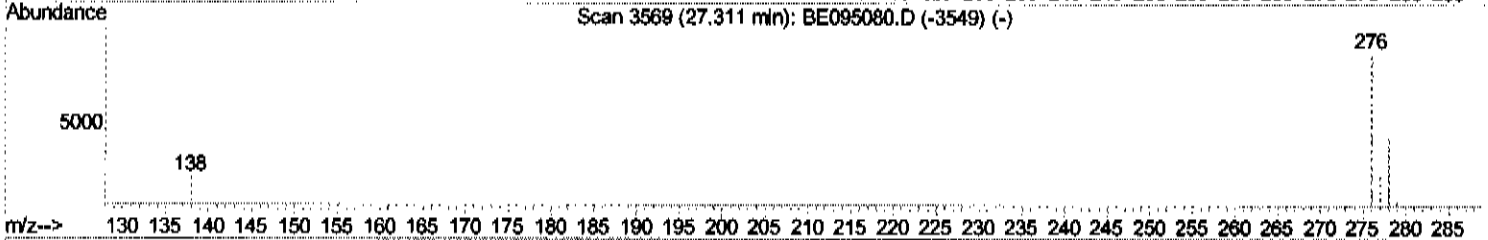
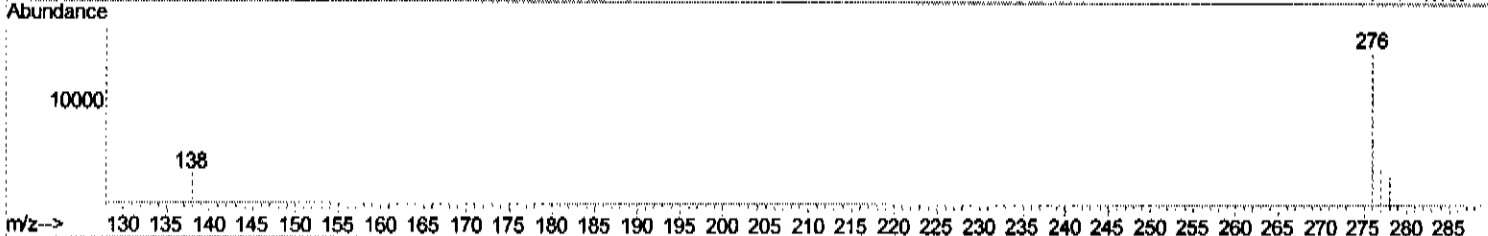
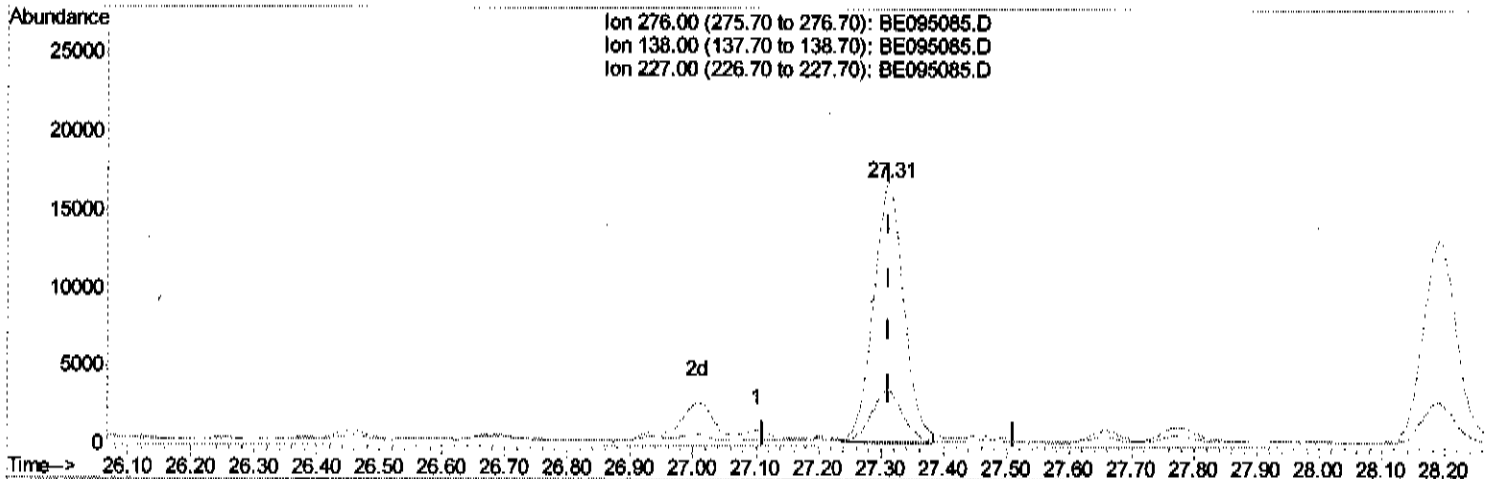
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



TIC: BE095085.D

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

27.311min (-0.000) 1.42ng/ul m

response 56378

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.87#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ/23/18

Quantitation Report (Qedit)

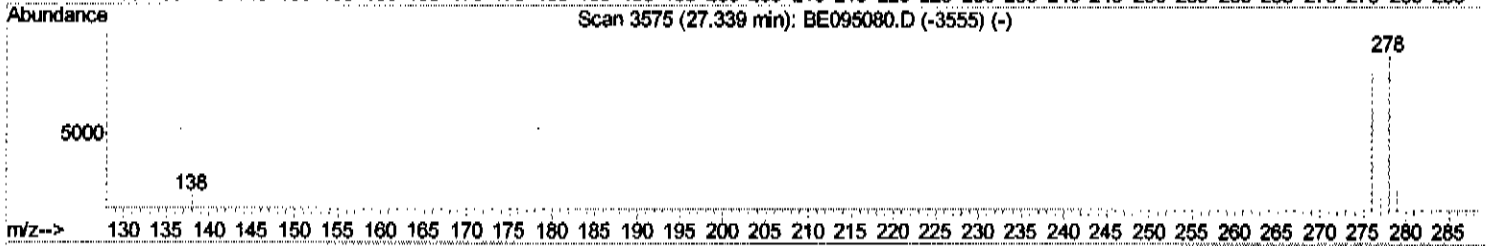
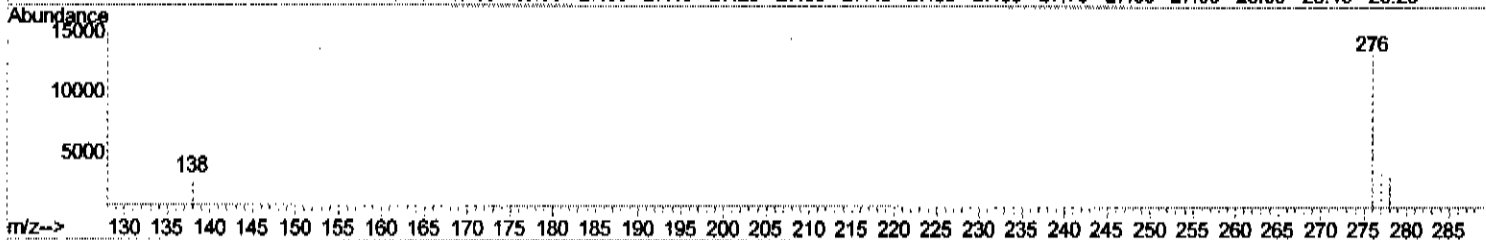
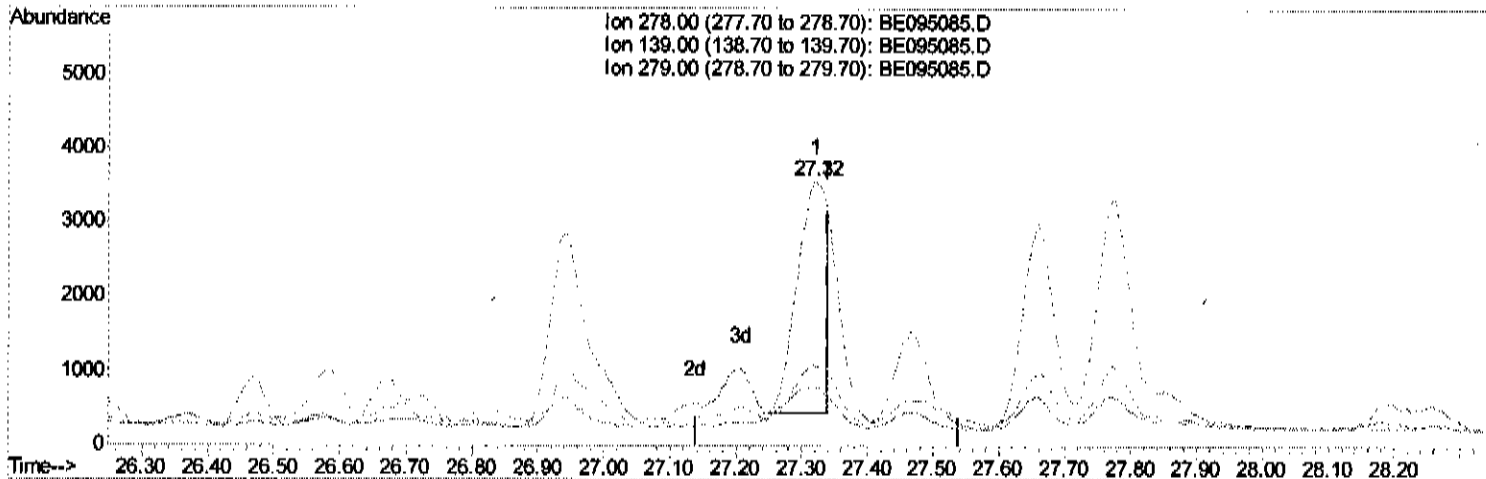
Data Path : \\74.0.250.170\svosrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



TIC: BE095085.D

(25) Dibenzo(a,h)anthracene

27.320min (-0.018) 0.35ng/ul

response 9818

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.79
279.00	32.40	30.12
0.00	0.00	0.00

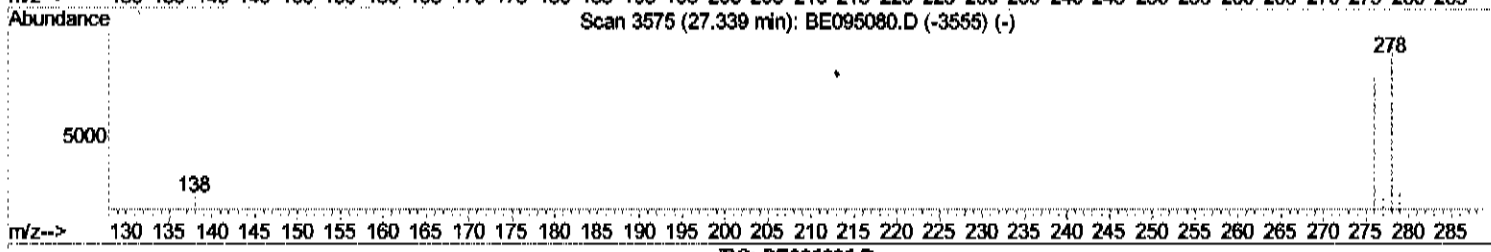
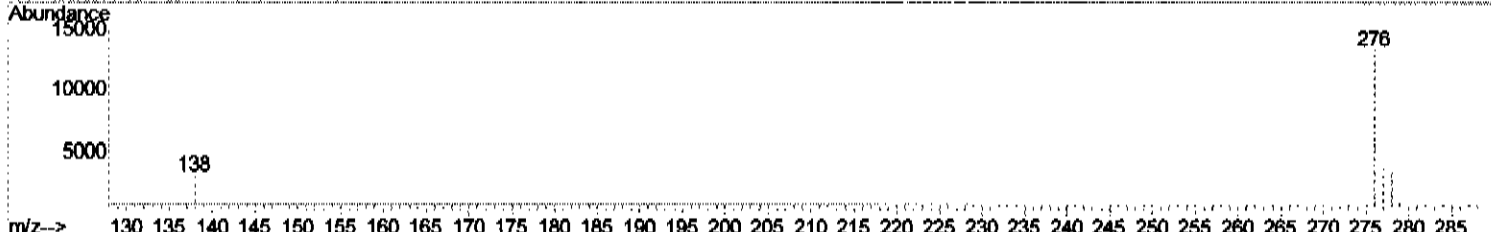
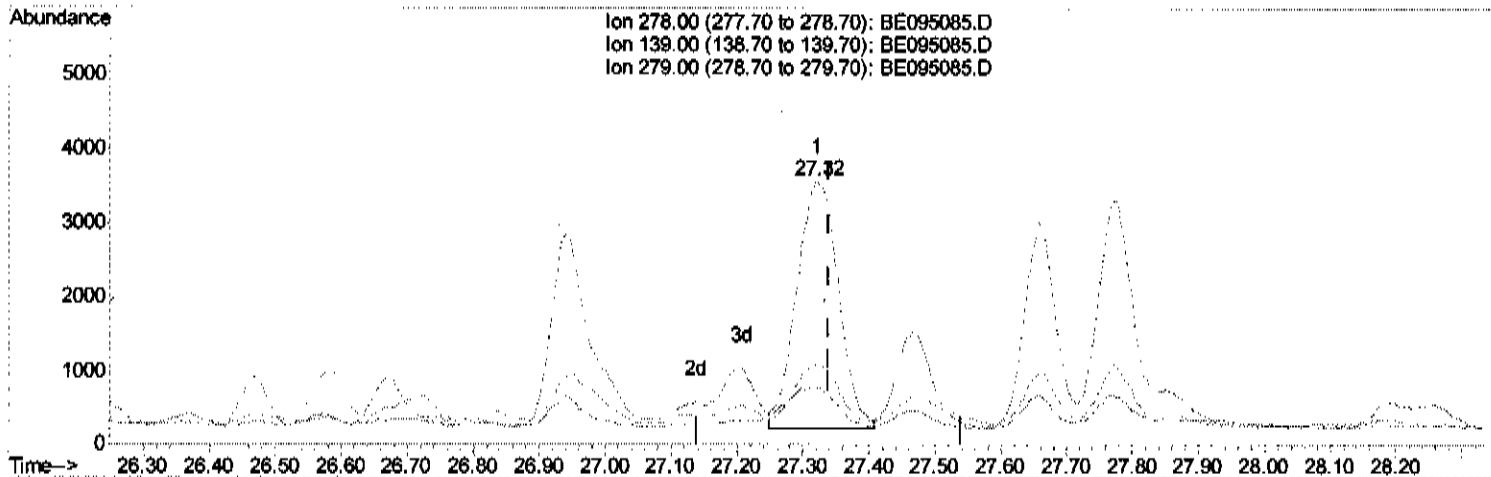
Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svcoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED
 Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.320min (-0.018) 0.53ng/ul m

SJ 1/23/18

response 14930

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.79
279.00	32.40	30.12
0.00	0.00	0.00

Quantitation Report (Qedit)

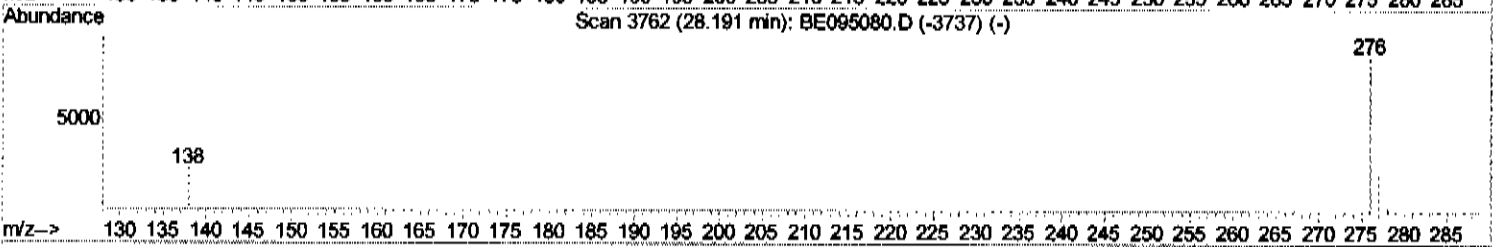
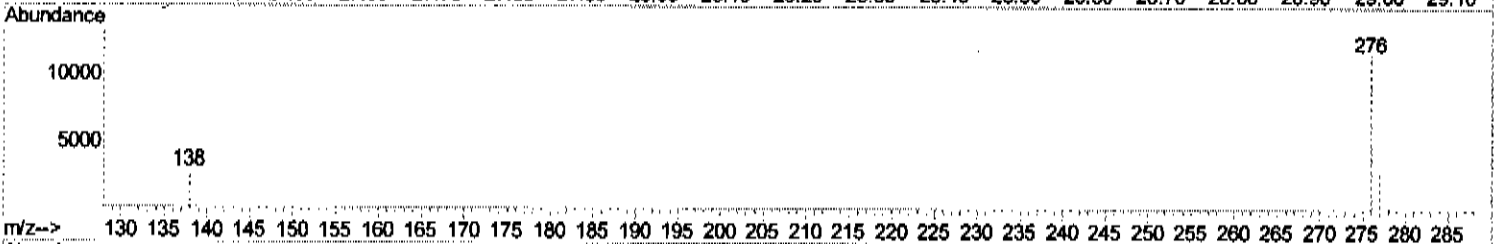
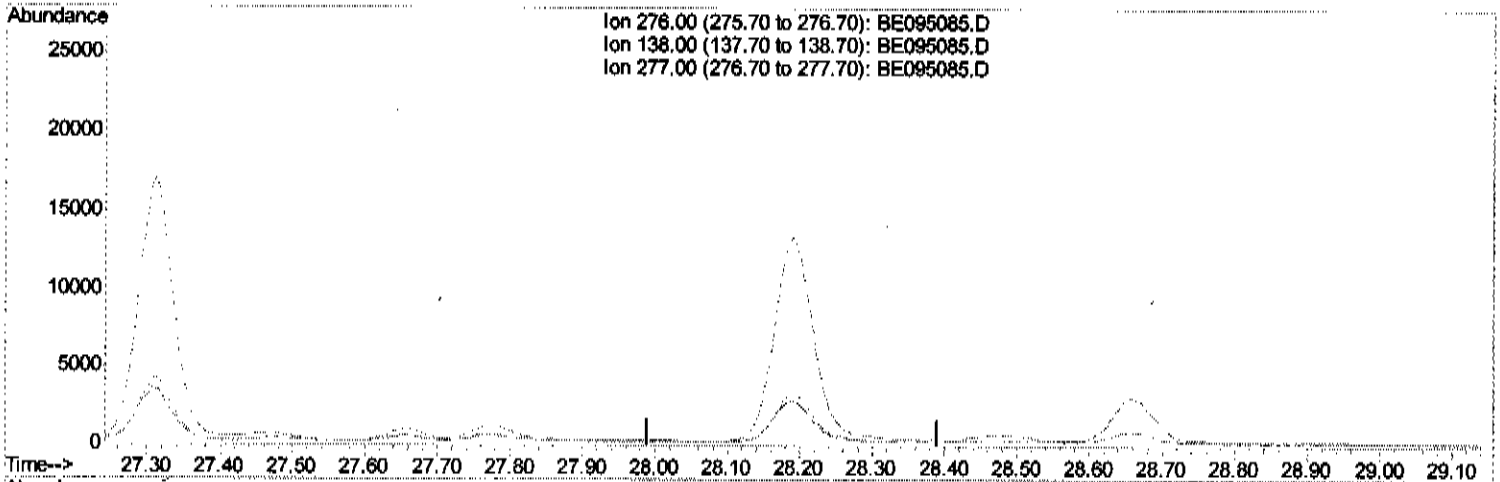
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



TIC: BE095085.D

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

28.191min (-28.191) 0.00ng/ui

response 0

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

Quantitation Report (Qedit)

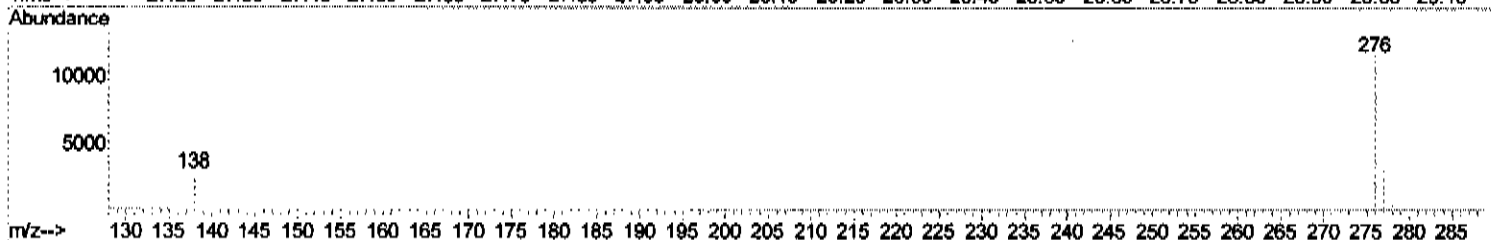
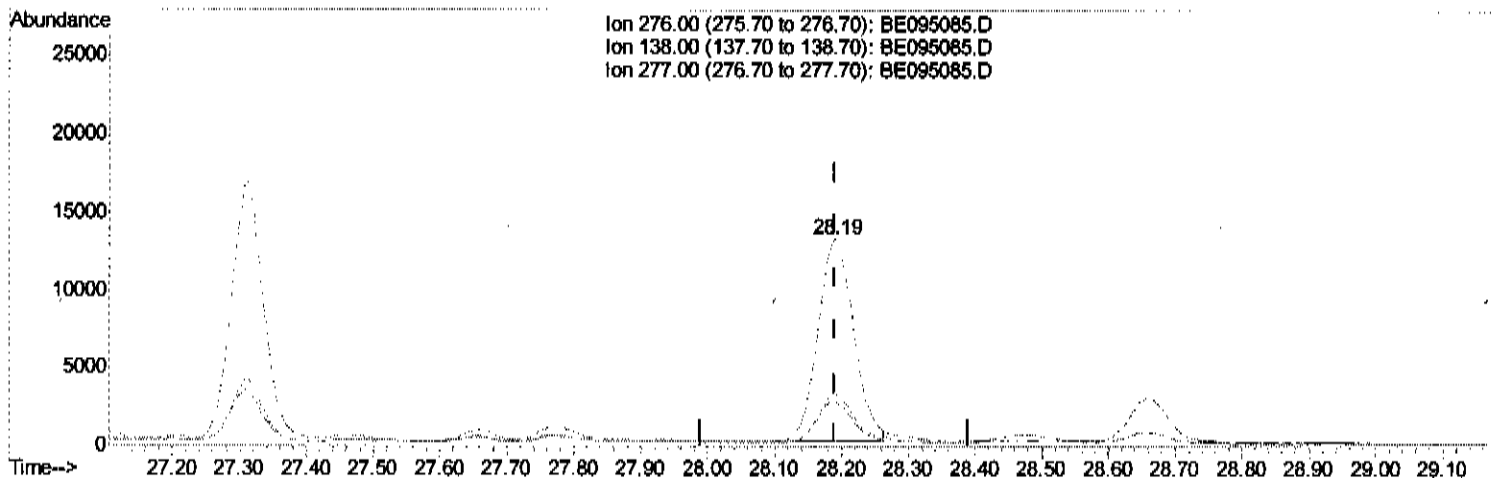
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Sohil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:11:50 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration



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

28.191min (-0.000) 1.23ng/ul m

SJ 1/23/18

response 48518

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	21.67#
277.00	25.60	24.67
0.00	0.00	0.00

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_E\Data\BE012018\
 Data File : BE095085.D
 Acq On : 20 Jan 2018 12:23
 Operator : SJ/JU
 Sample : J1216-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AE6

Manual Integrations
 APPROVED

Schil
 1/22/2018 5:22:29 PM

Quant Time: Jan 22 12:14:51 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE011918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 04:29:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4296	0.40	ng/ul	0.00
2) Naphthalene-d8	11.28	136	14481	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.04	164	9285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	17979m	0.40	ng/ul	0.00
16) Chrysene-d12	21.83	240	18979	0.40	ng/ul	0.00
20) Perylene-d12	24.48	264	15531m	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	12.84	152	8406	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	21964	0.39	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.33	128	5089	0.133	ng/ul#	91
5) 2-Methylnaphthalene	12.91	142	3112	0.116	ng/ul	98
7) Acenaphthylene	14.77	152	14481	0.348	ng/ul	97
8) Acenaphthene	15.10	153	8983	0.278	ng/ul	93
9) Fluorene	16.05	166	12527	0.363	ng/ul#	78
12) Phenanthrene	17.78	178	230057	4.819	ng/ul#	87
13) Anthracene	17.87	178	25120	0.603	ng/ul#	91
15) Fluoranthene	19.75	202	324344	5.316	ng/ul	84
17) Pyrene	20.10	202	326595	4.734	ng/ul#	80
18) Benzo(a)anthracene	21.81	228	132000	2.514	ng/ul#	86
19) Chrysene	21.87	228	123637	2.110	ng/ul	97
21) Benzo(b)fluoranthene	23.67	252	123606m	2.364	ng/ul	} <i>SJ 1/23/18</i>
22) Benzo(k)fluoranthene	23.71	252	43272m	0.897	ng/ul	
23) Benzo(a)pyrene	24.36	252	97350m	2.181	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.31	276	56378m	1.422	ng/ul	
25) Dibenzo(a,h)anthracene	27.32	278	14930m	0.527	ng/ul	
26) Benzo(g,h,i)perylene	28.19	276	48518m	1.231	ng/ul	

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