

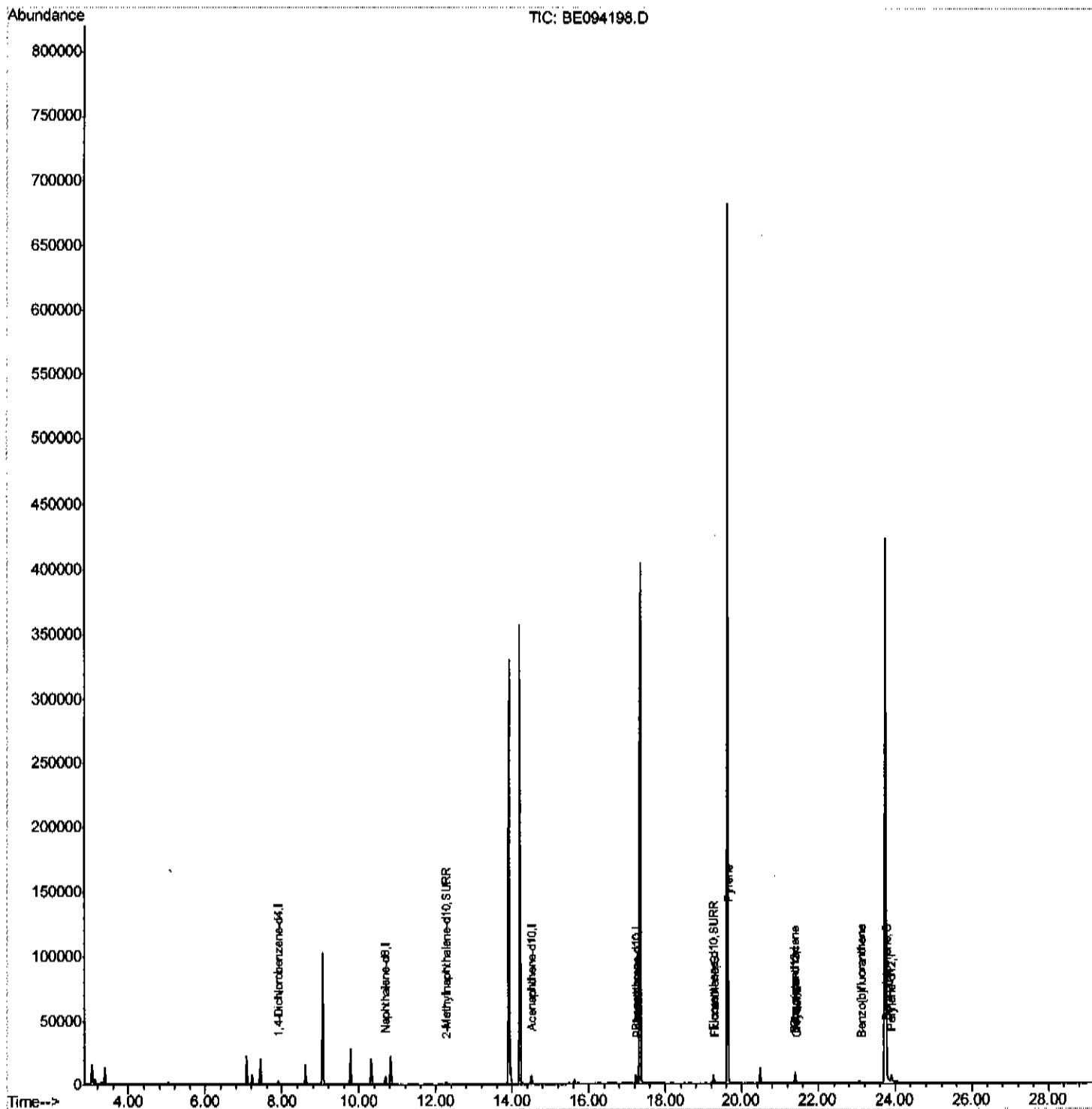
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:57:48 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



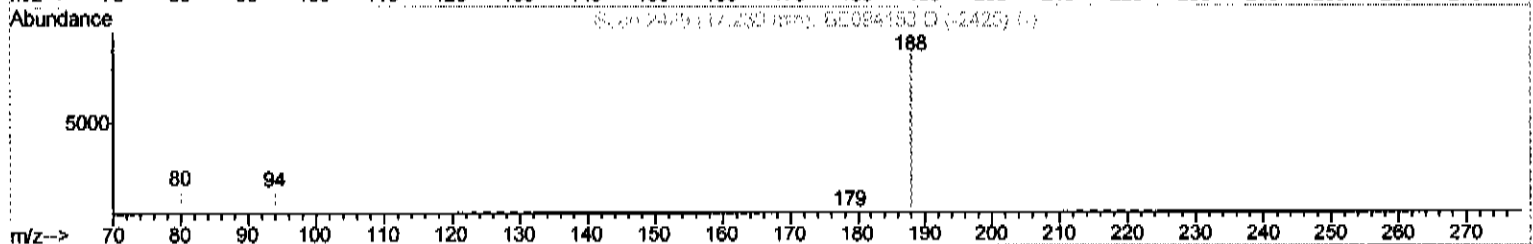
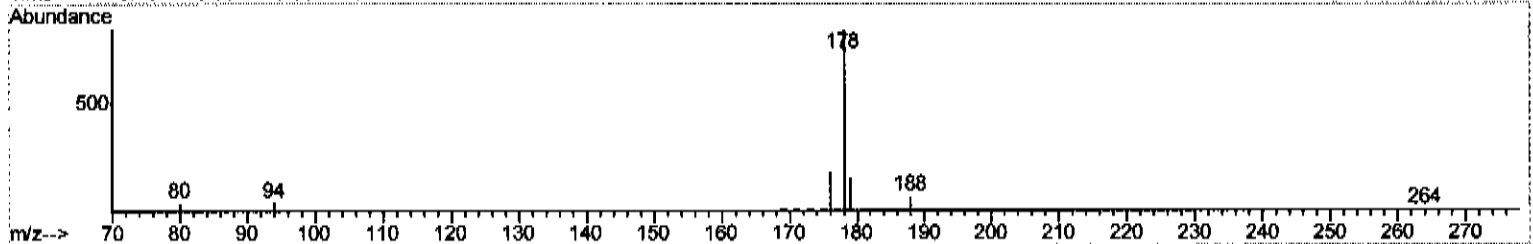
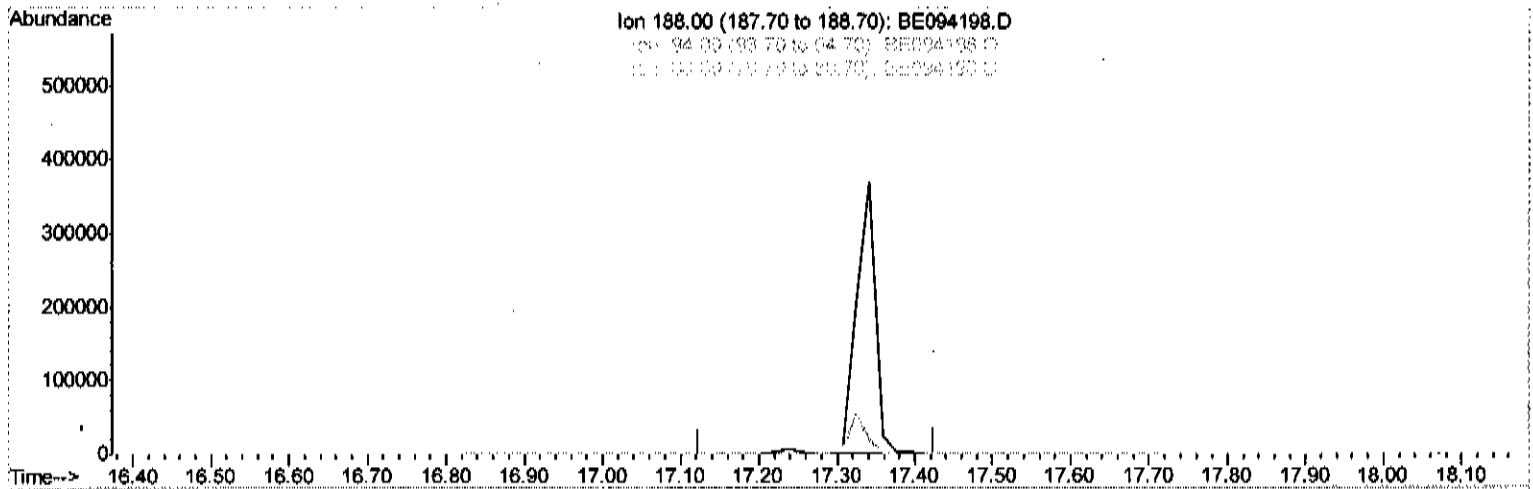
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:53:24 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(10) Phenanthrene-d10 (I)

17.274min (-17.274) 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)

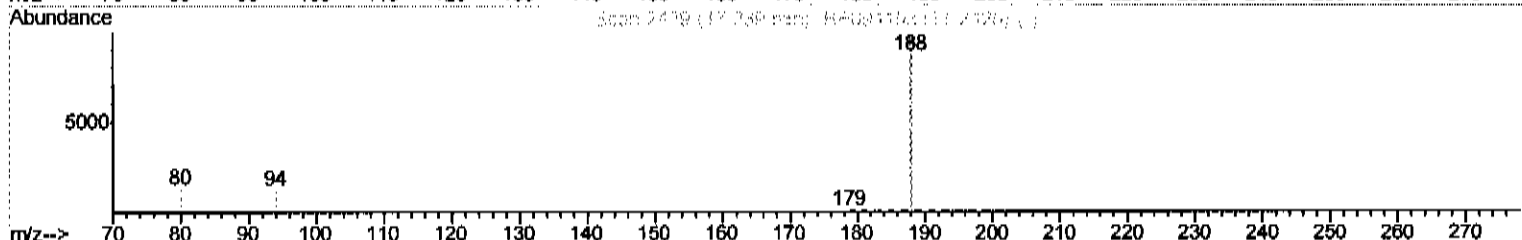
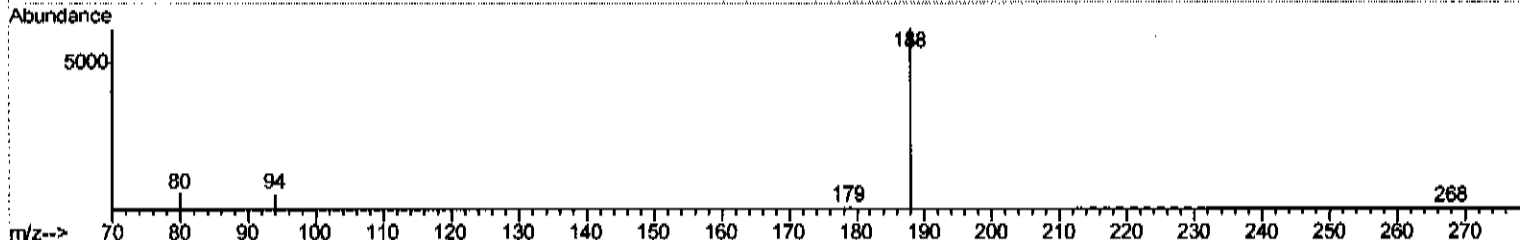
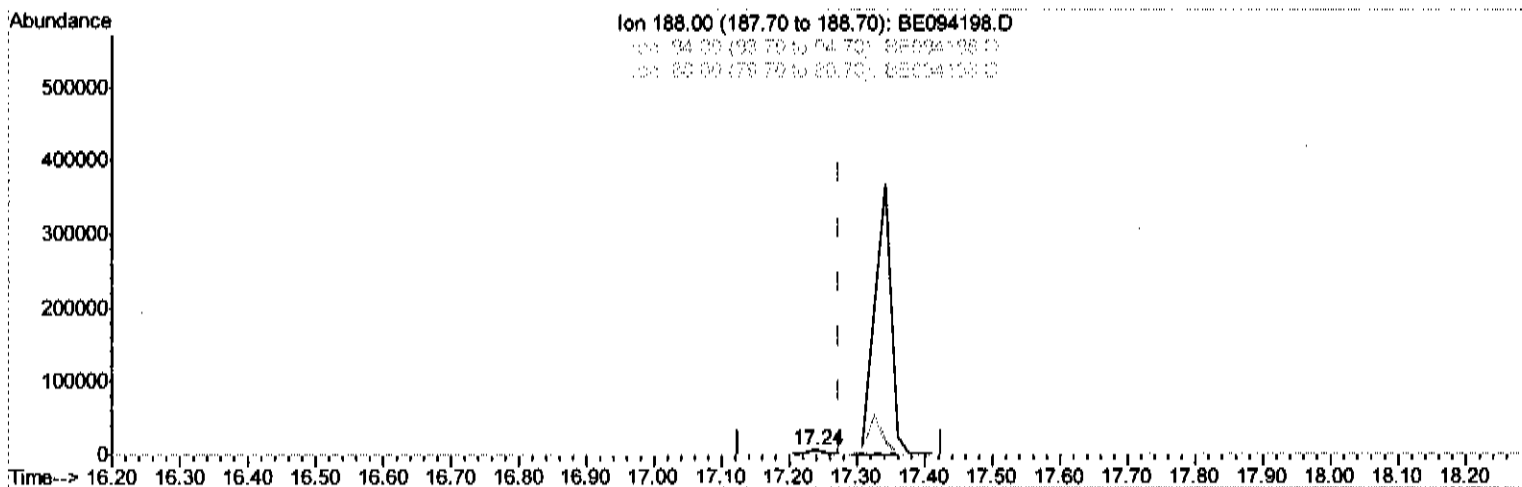
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:53:24 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094198.D

(10) Phenanthrene-d10 (I)

17.238min (-0.036) 0.40ng/ul m

response 9113

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.11
80.00	11.80	9.45
0.00	0.00	0.00

Quantitation Report (Qedit)

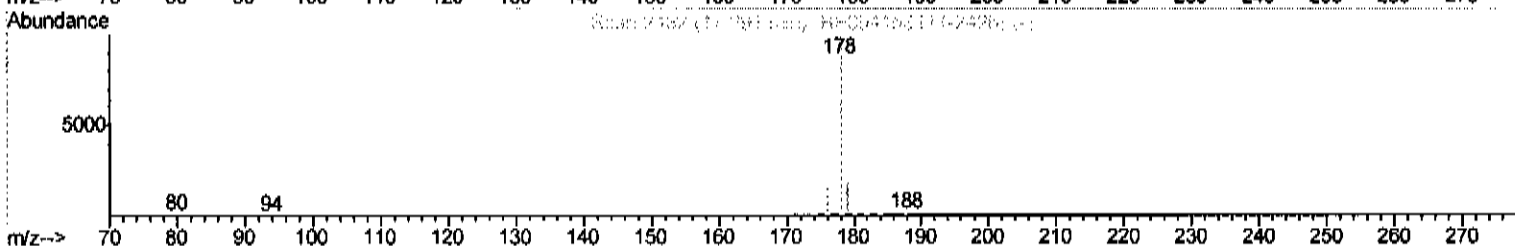
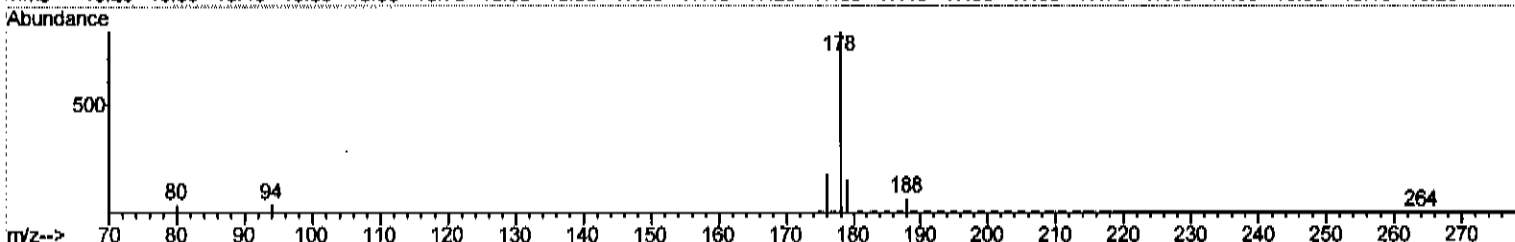
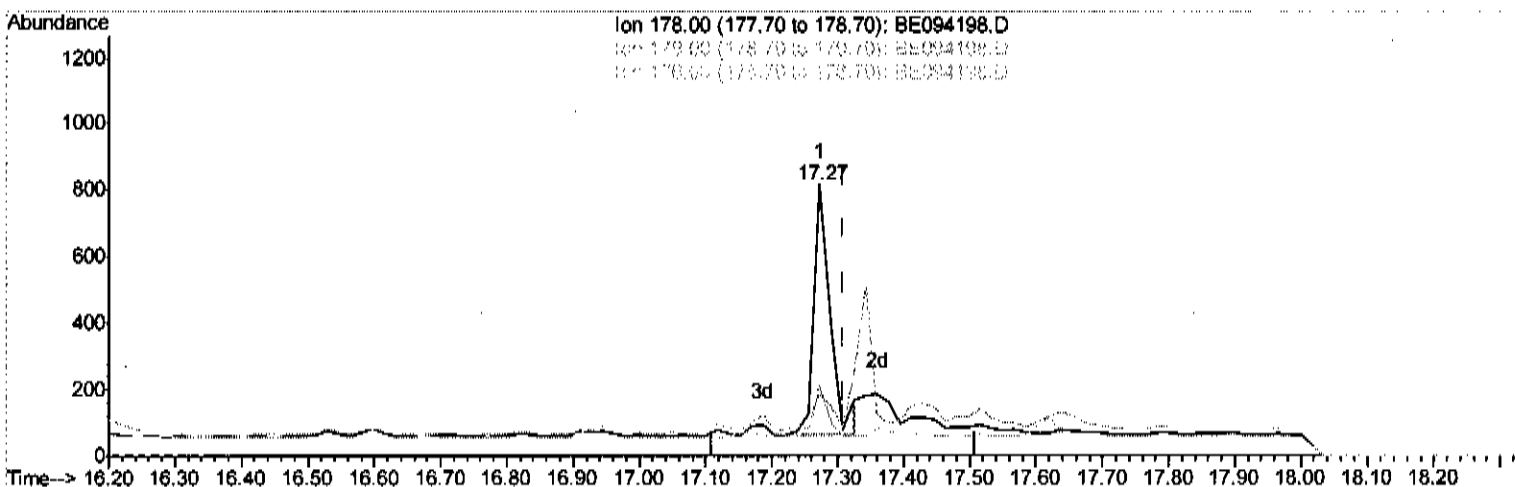
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:54:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094198.D

(12) Phenanthrene

17.273min (-0.036) 0.06ng/ul

response 1311

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.67
176.00	17.00	25.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

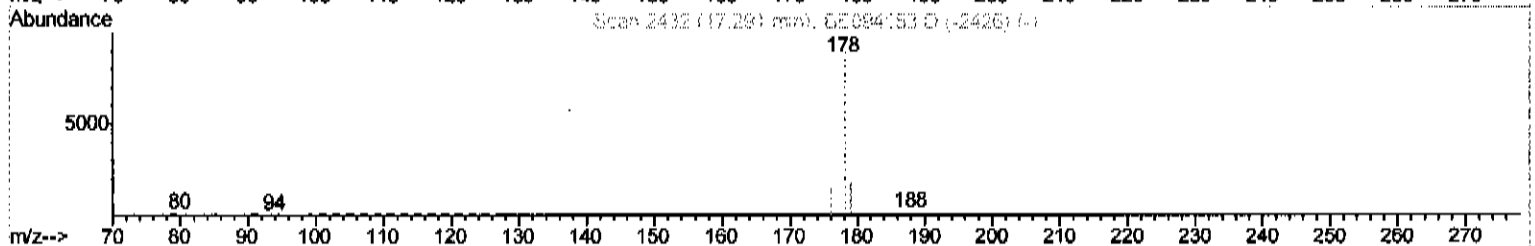
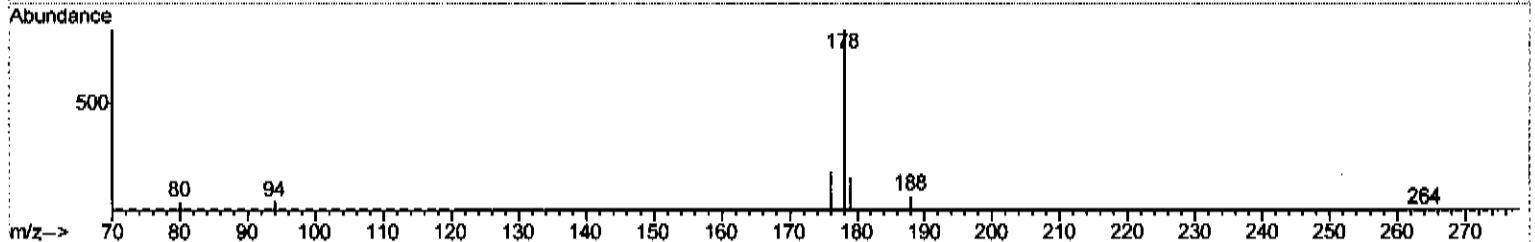
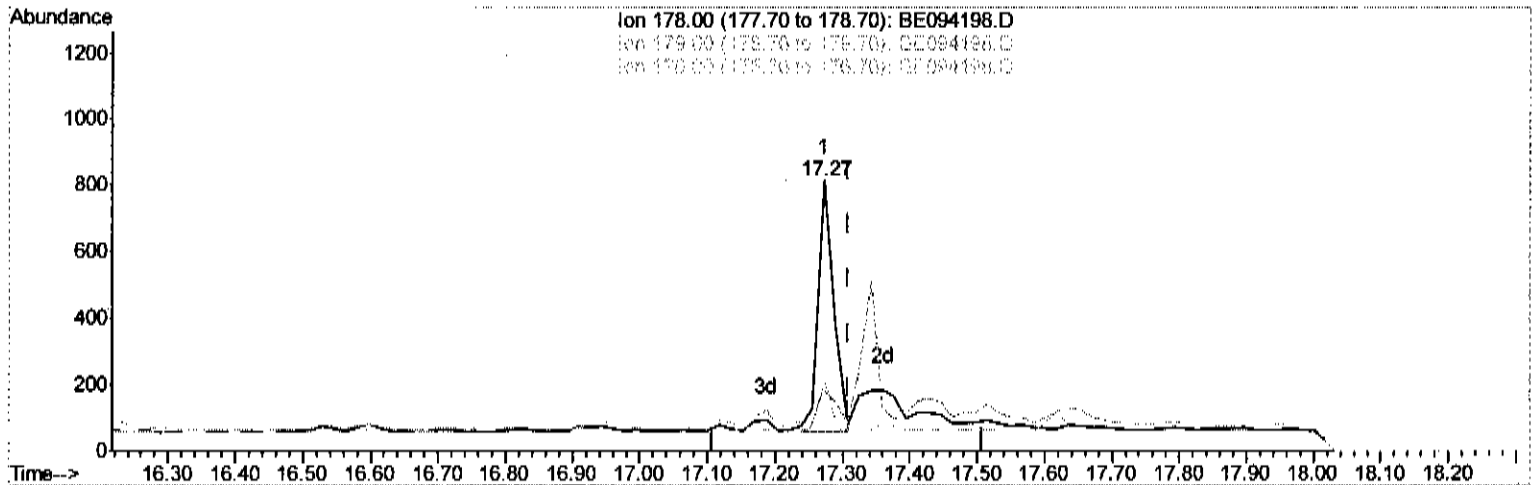
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:54:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(12) Phenanthrene

17.273min (-0.036) 0.05ng/ul m

response 1225

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.67
176.00	17.00	25.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

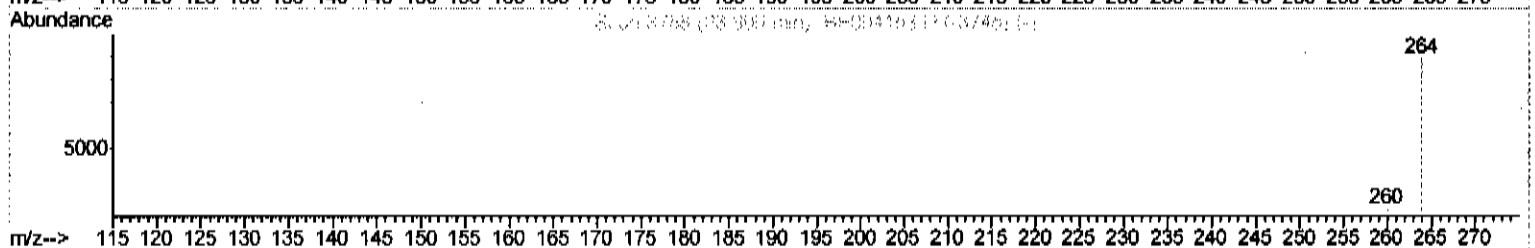
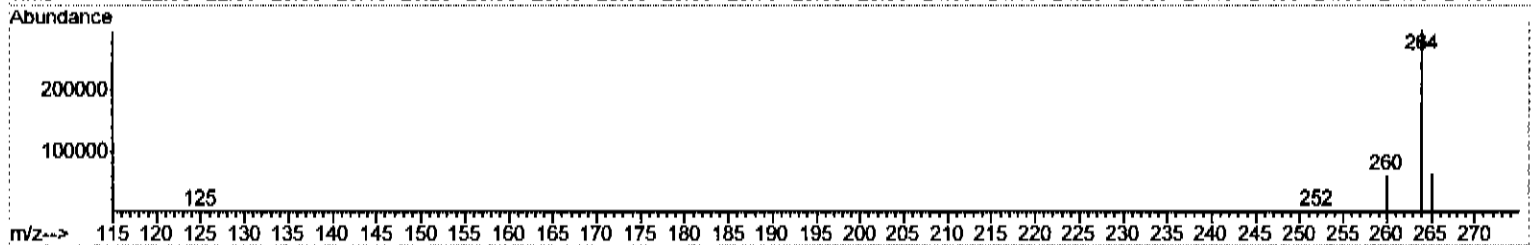
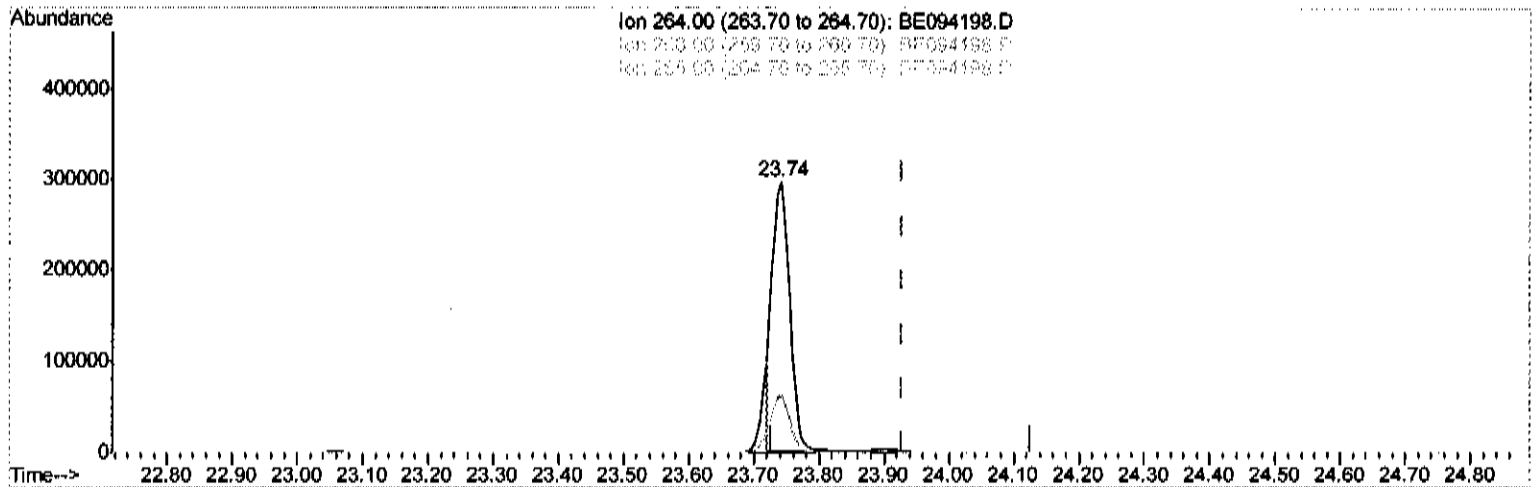
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:54:13 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(20) Perylene-d12 (I)

23.741min (-0.186) 0.40ng/ul

response 569855

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.33#
265.00	103.50	21.51#
0.00	0.00	0.00

Quantitation Report (Qedit)

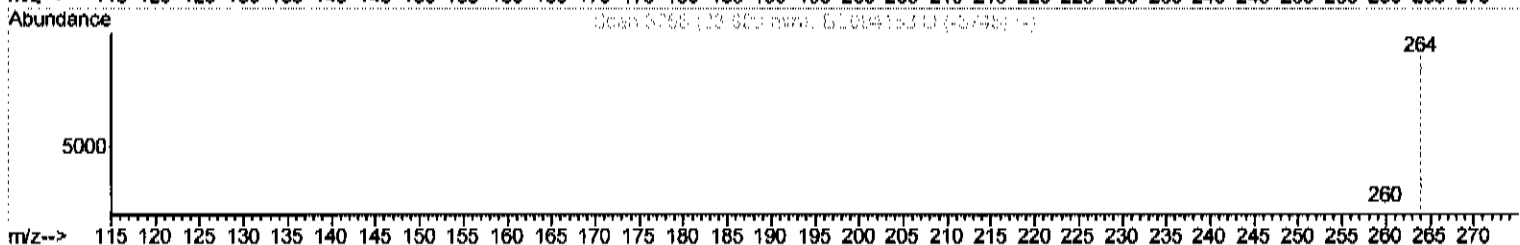
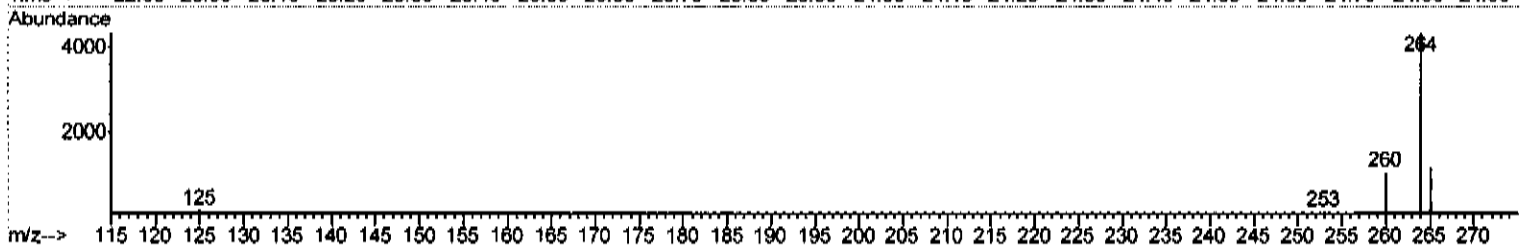
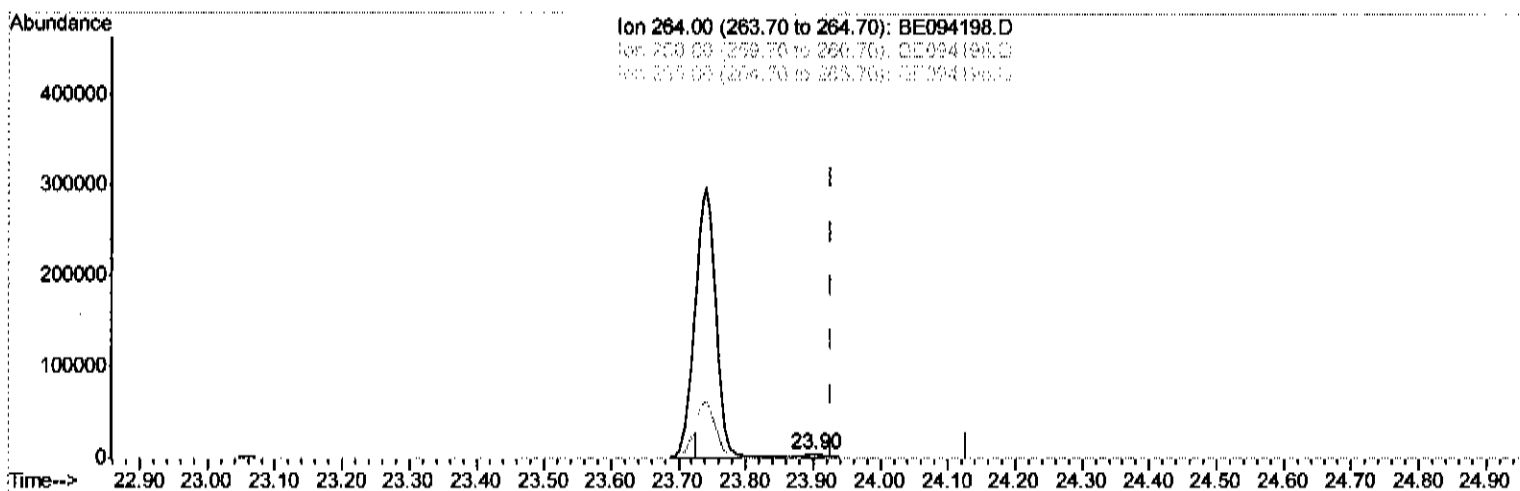
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:54:13 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094198.D

(20) Perylene-d12 (I)

23.901min (-0.027) 0.40ng/ul m

response 7526

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.55
265.00	103.50	27.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

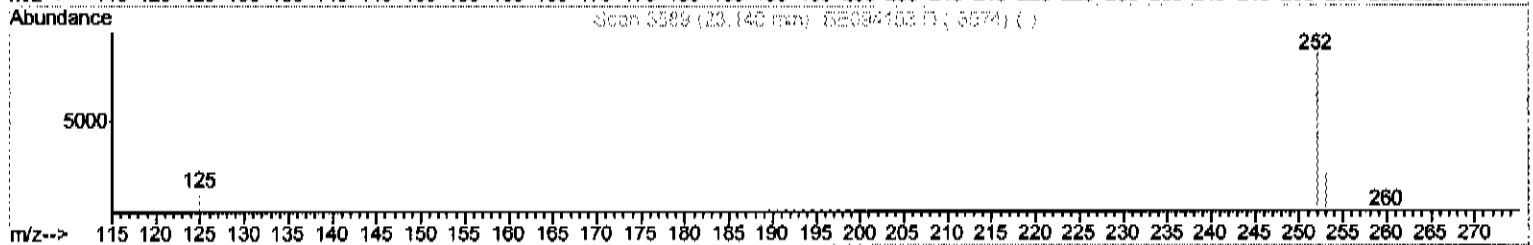
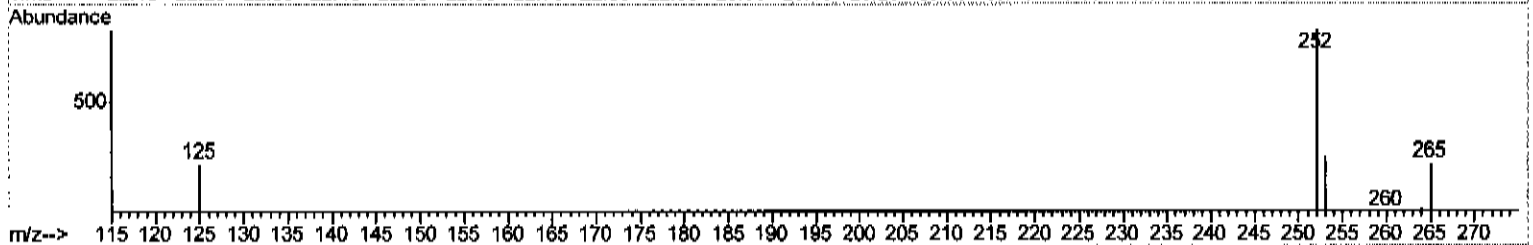
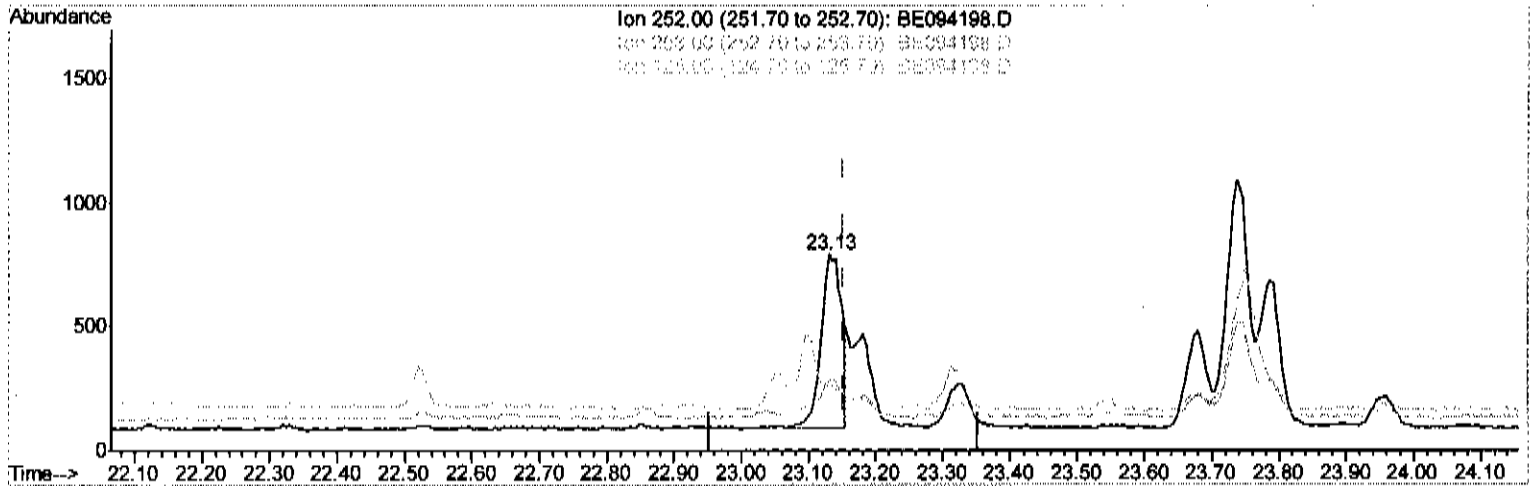
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094198.D

(21) Benzo(b)fluoranthene

23.131min (-0.022) 0.07ng/ul

response 1471

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.31
125.00	17.50	31.90
0.00	0.00	0.00

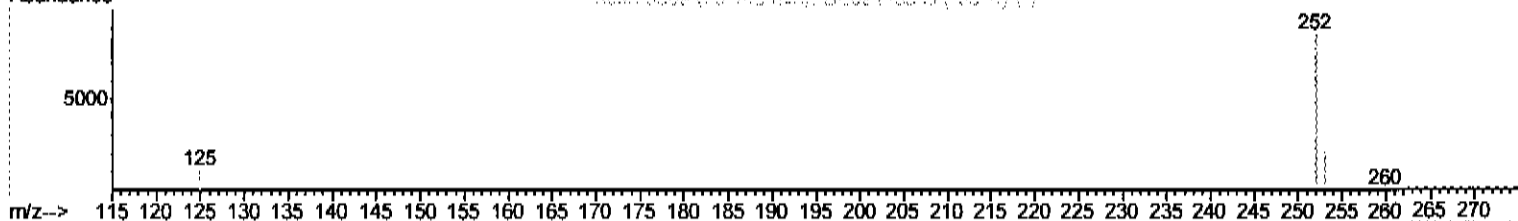
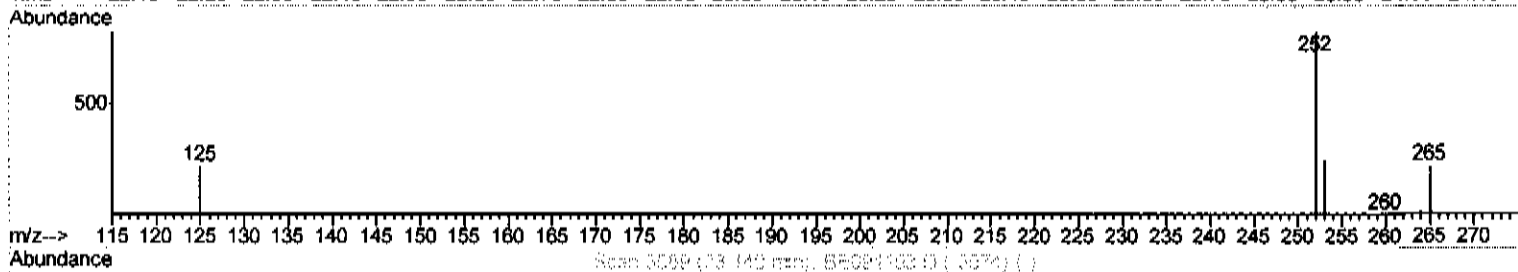
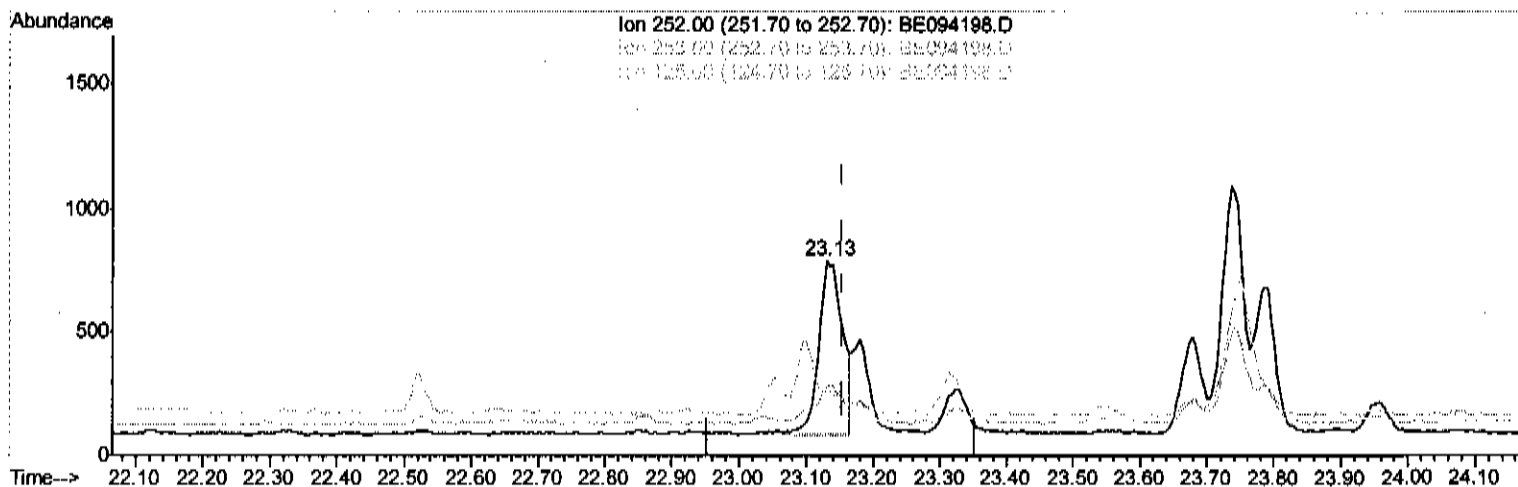
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:55:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(21) Benzo(b)fluoranthene

23.131min (-0.022) 0.08ng/ul m

response 1698

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	35.31
125.00	17.50	31.90
0.00	0.00	0.00

Quantitation Report (Qedit)

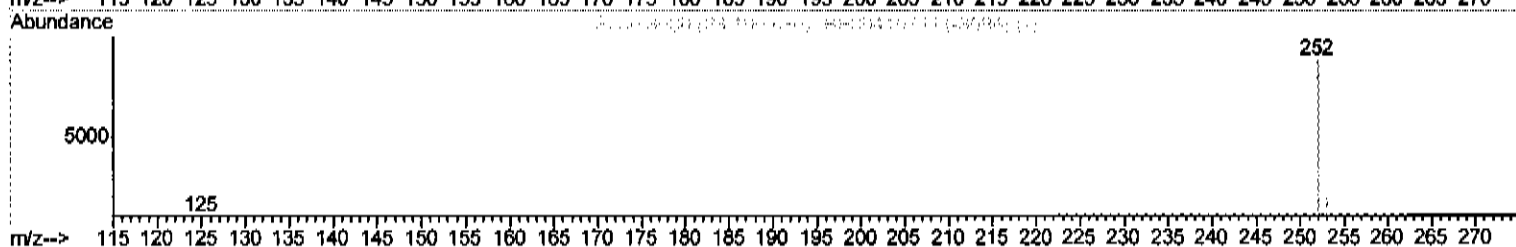
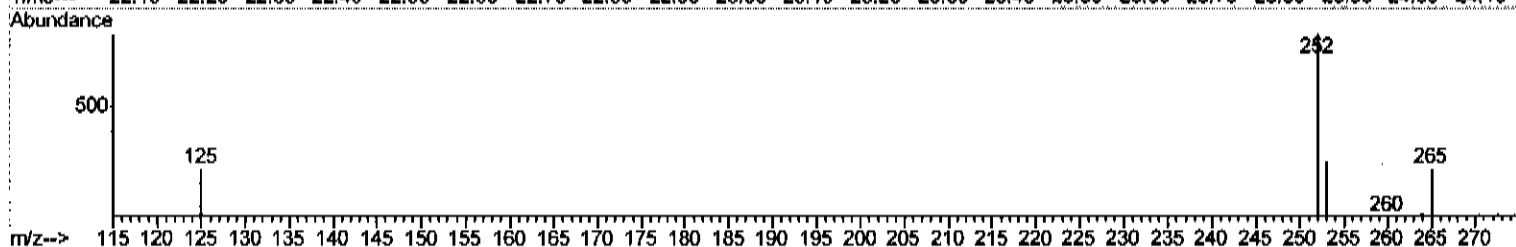
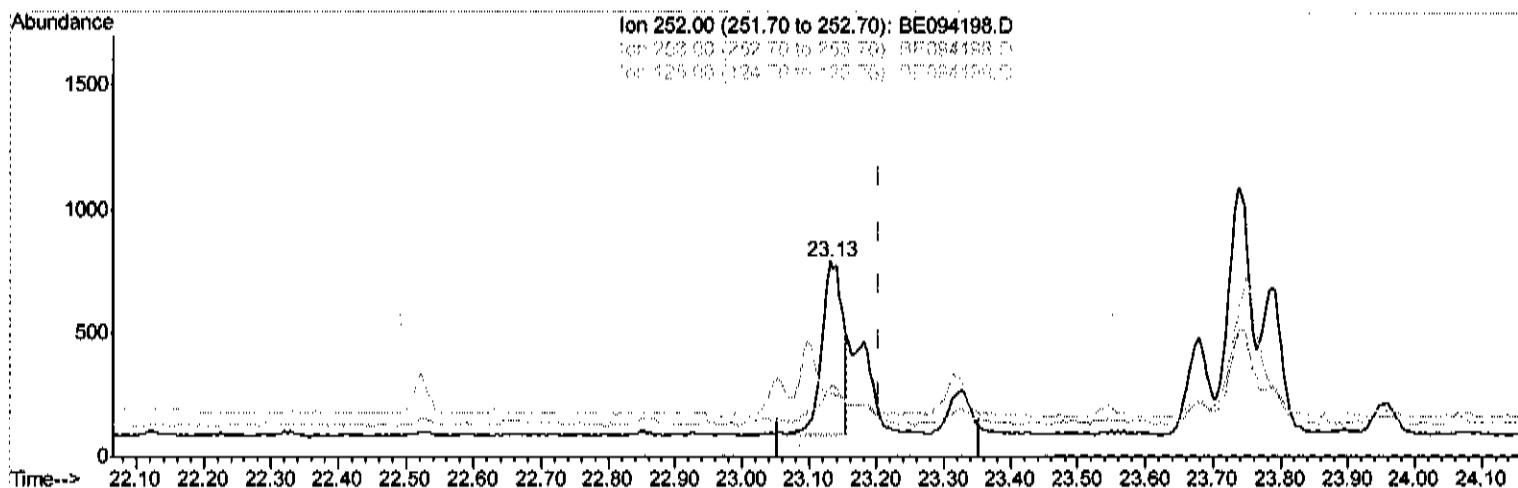
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:55:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(22) Benzo(k)fluoranthene

23.131min (-0.072) 0.06ng/ul

response 1471

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.31
125.00	17.10	31.90#
0.00	0.00	0.00

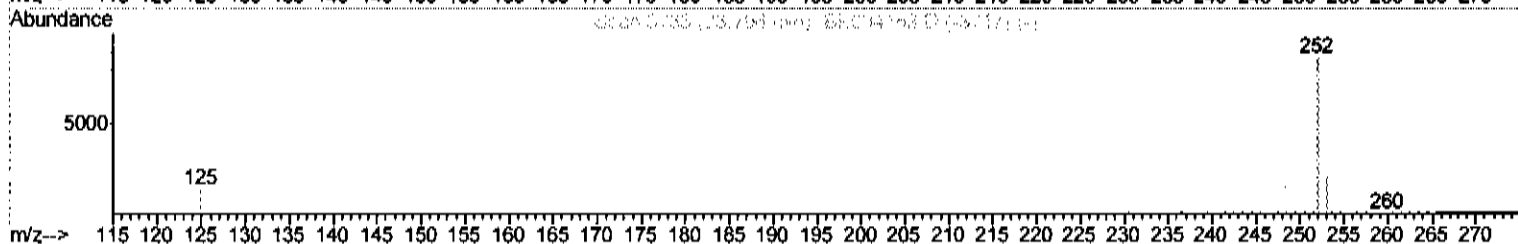
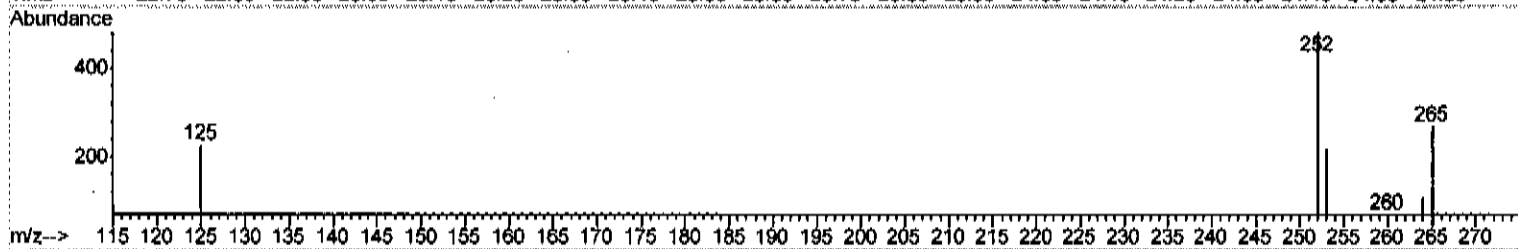
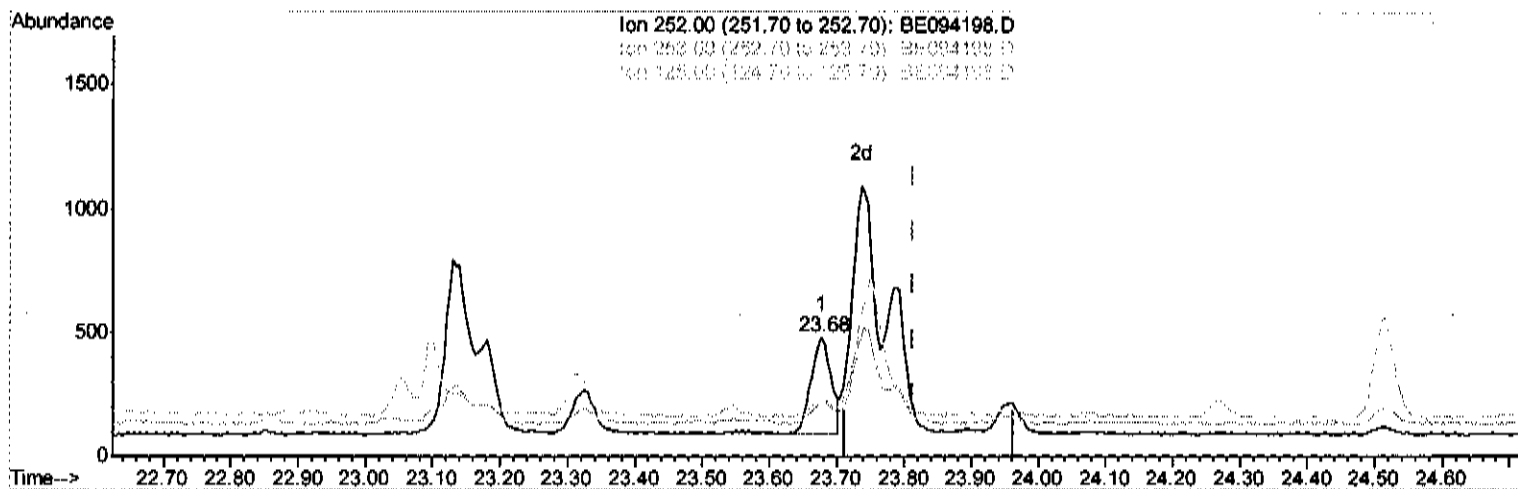
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
Data File : BE094198.D
Acq On : 7 Oct 2017 12:19
Operator : SJ/JU
Sample : I5735-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
B0AD9

Manual Integrations
APPROVED

Sohil
10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:55:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 01:38:22 2017
Response via : Initial Calibration



TIC: BE094198.D

(23) Benzo(a)pyrene (C)

23.677min (-0.136) 0.04ng/ul

response 799

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.85#
125.00	22.60	47.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

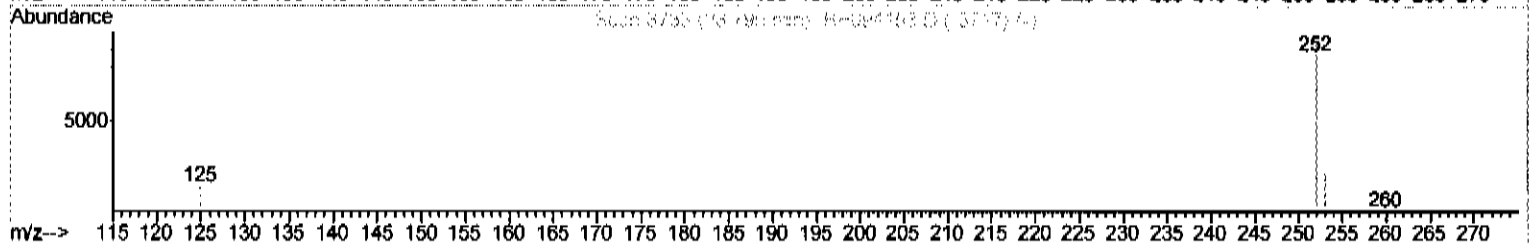
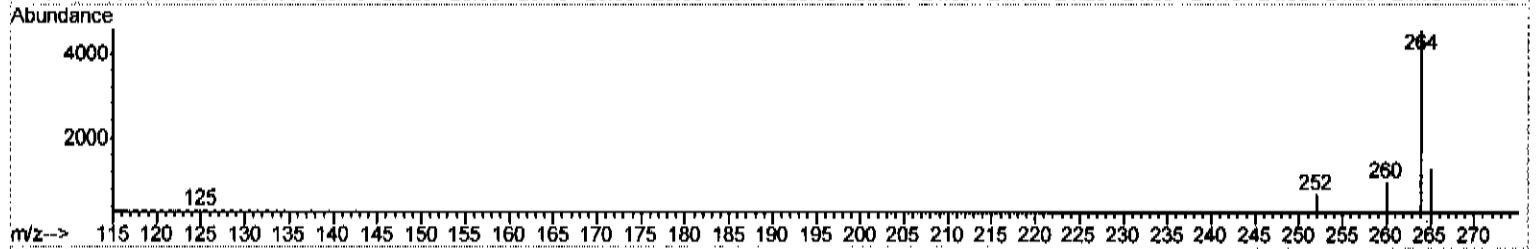
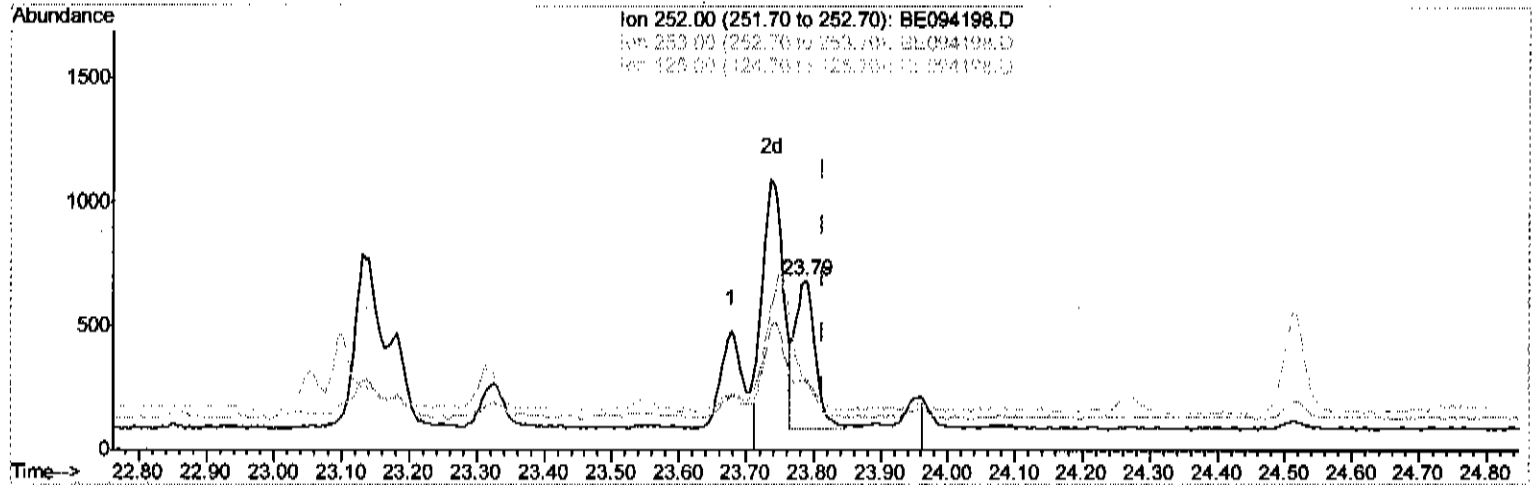
Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:55:49 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration



TIC: BE094198.D

(23) Benzo(a)pyrene (C)

23.787min (-0.027) 0.06ng/ul *ju 10/9/17*

response 1263

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.42
125.00	22.60	42.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE100717\
 Data File : BE094198.D
 Acq On : 7 Oct 2017 12:19
 Operator : SJ/JU
 Sample : I5735-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 B0AD9

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:52:48 PM

Quant Time: Oct 08 02:57:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 01:38:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1255	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	6406	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	3971	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.24	188	9113m	0.40	ng/ul	-0.04
16) Chrysene-d12	21.40	240	8684	0.40	ng/ul	-0.02
20) Perylene-d12	23.90	264	7526m	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	2767	0.28	ng/ul	-0.02
14) Fluoranthene-d10	19.26	212	7887	0.26	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.27	178	1225m	0.051	ng/ul	86
15) Fluoranthene	19.29	202	2175	0.070	ng/ul	96
17) Pyrene	19.65	202	3279	0.136	ng/ul	88
18) Benzo(a)anthracene	21.38	228	1145	0.050	ng/ul#	88
19) Chrysene	21.44	228	1386	0.052	ng/ul#	88
21) Benzo(b)fluoranthene	23.13	252	1698m	0.083	ng/ul	
23) Benzo(a)pyrene	23.79	252	1263m	0.059	ng/ul	

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