

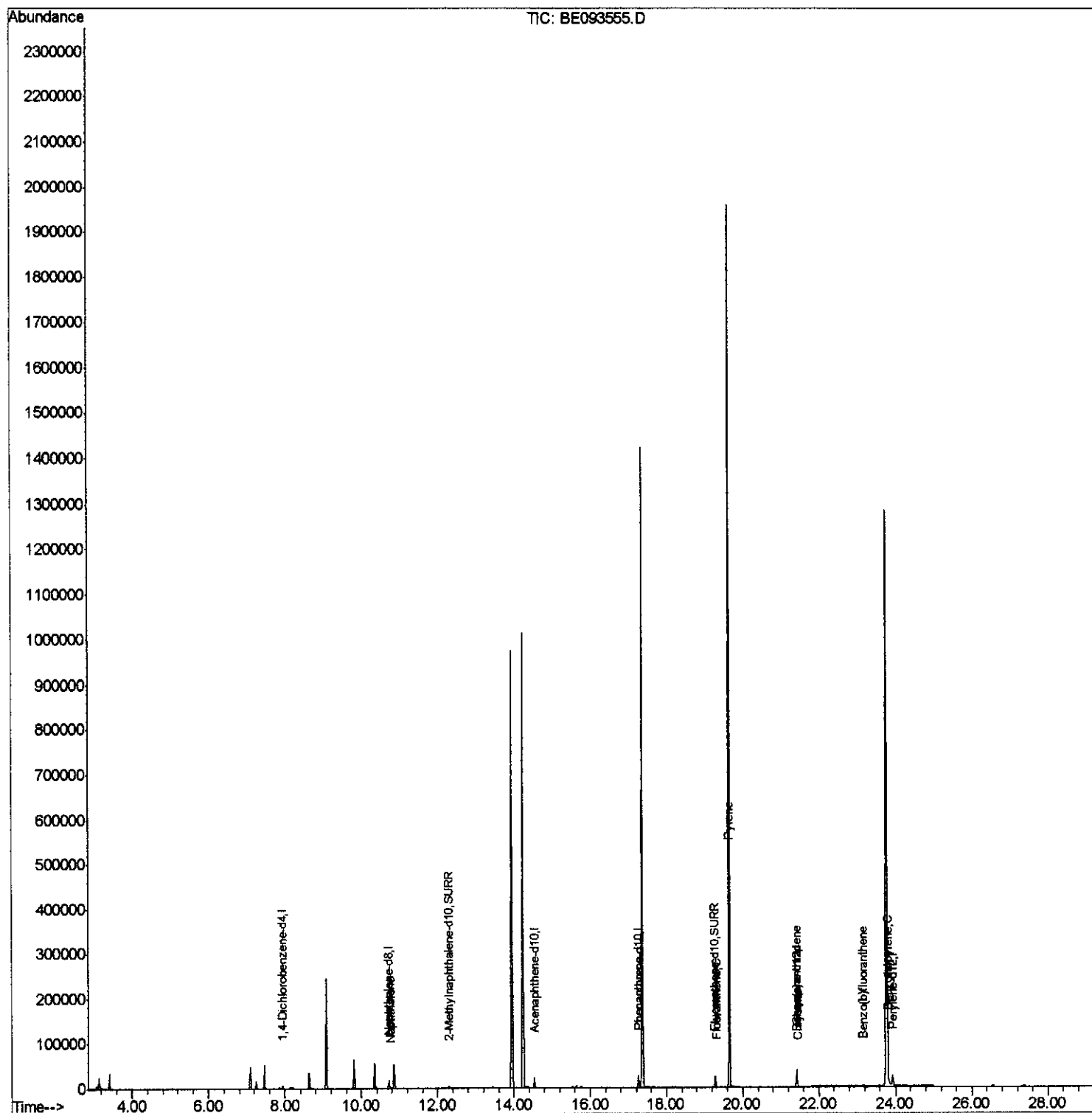
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093555.D
Acq On : 25 Jul 2017 1:28
Operator : SJ/JU
Sample : I4213-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B34

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:23 PM

Quant Time: Jul 25 11:28:27 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 06:10:24 2017
Response via : Initial Calibration



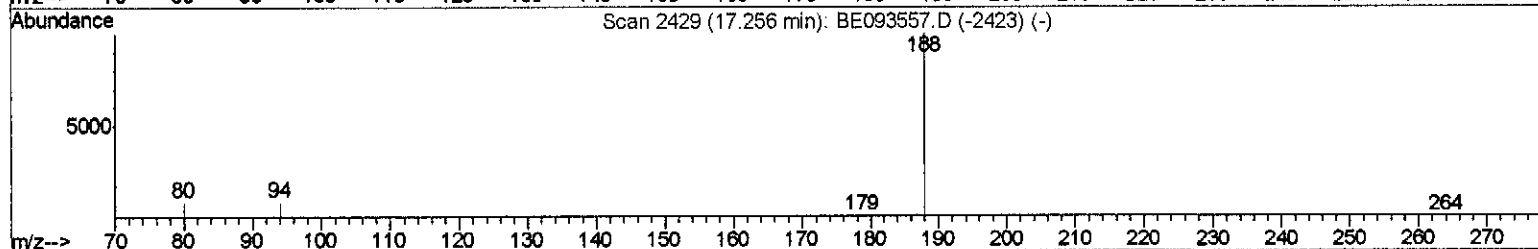
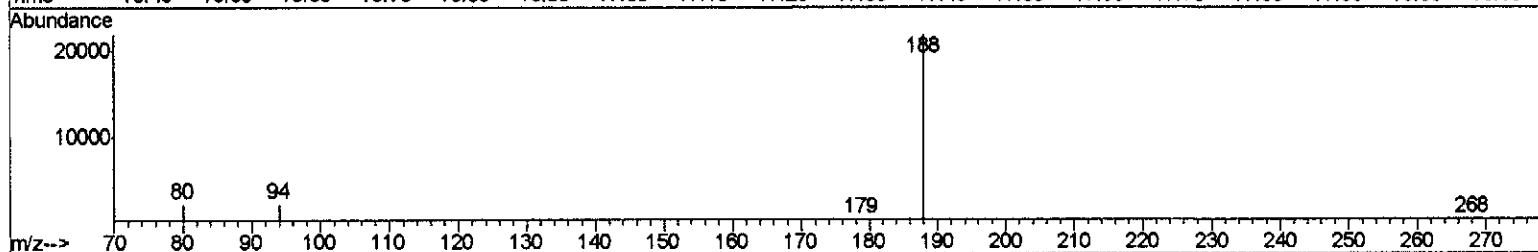
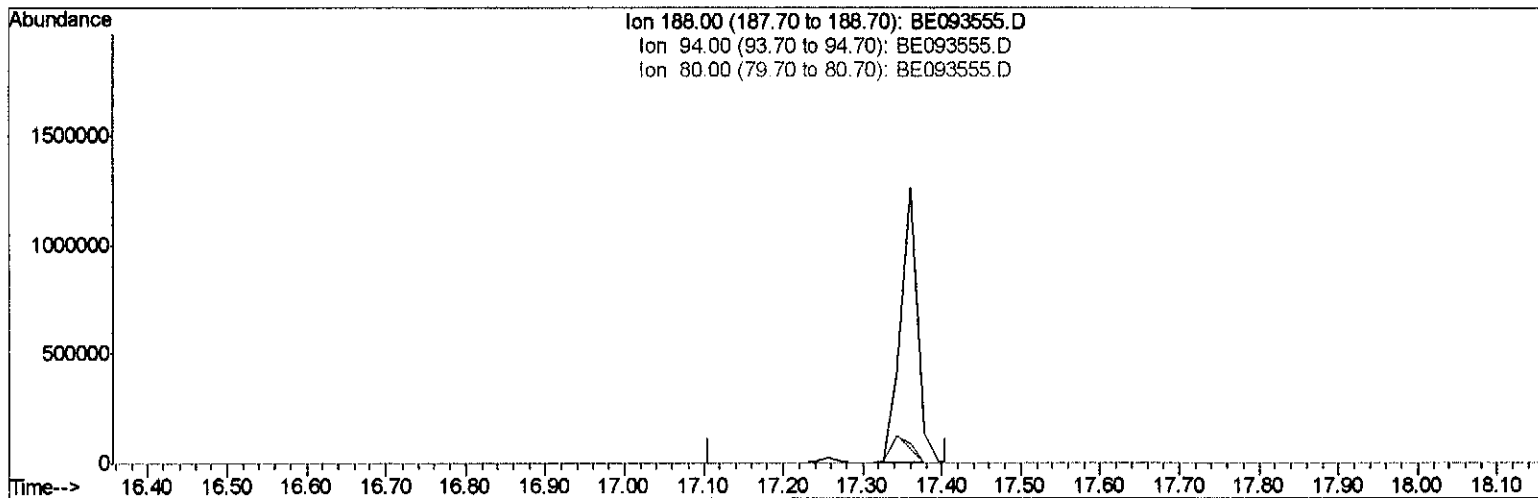
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Quant Time: Jul 25 11:25:46 2017
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TIC: BE093555.D

(10) Phenanthrene-d10 (I)

17.256min (-17.256) 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)

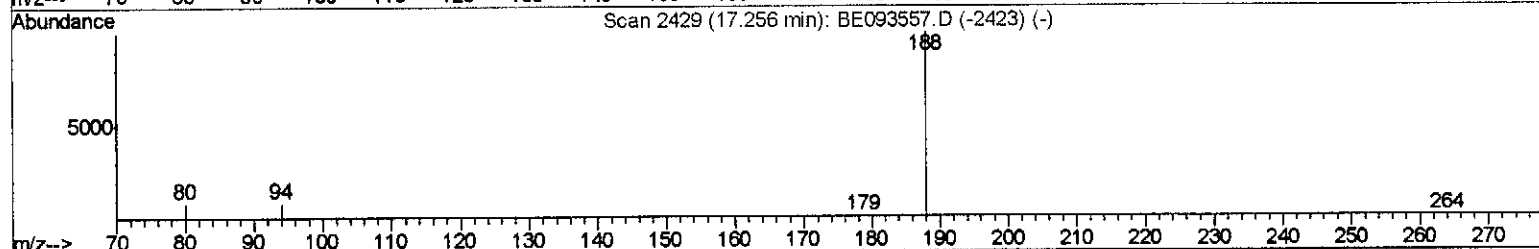
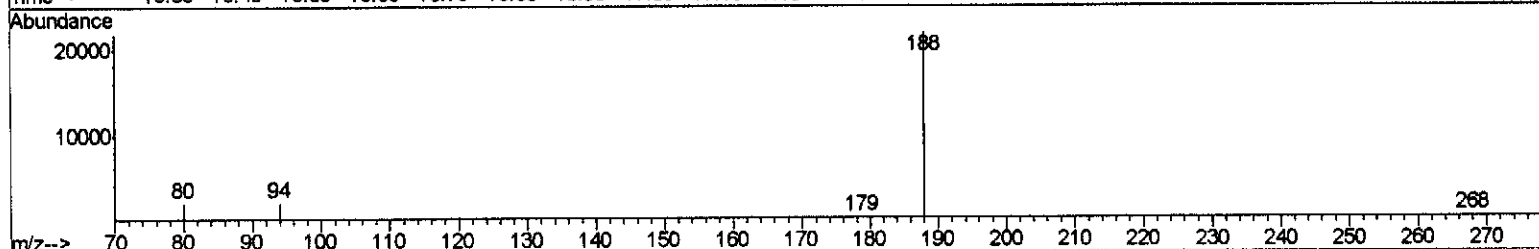
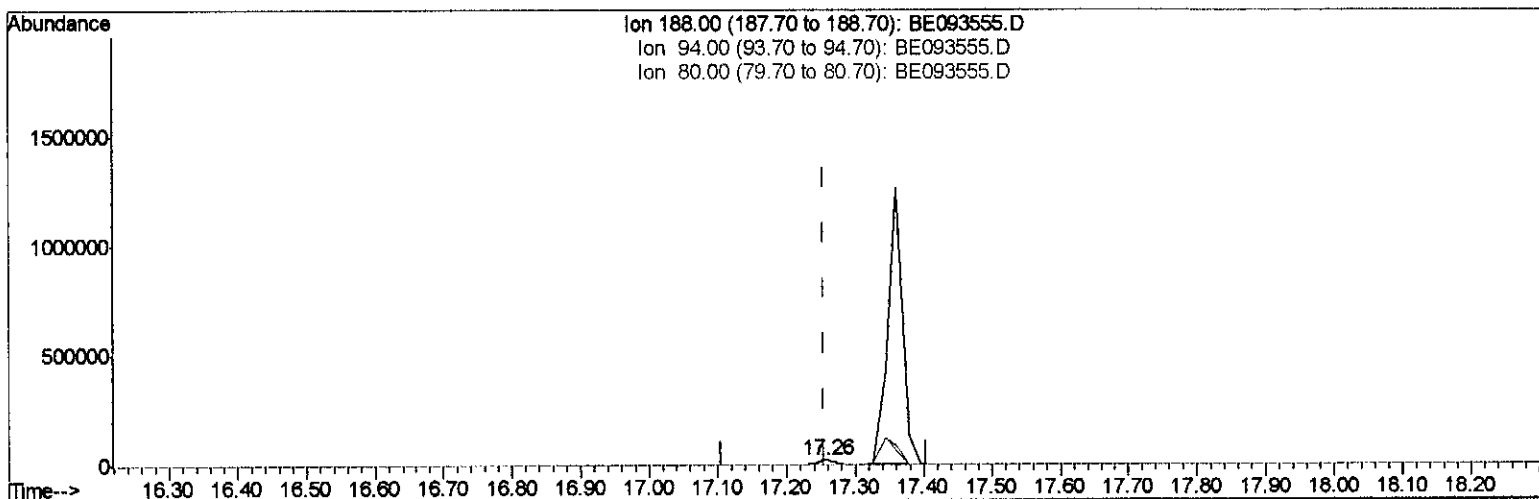
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Manual Integrations
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TIC: BE093555.D

(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul m

Initials: 8/8/17

response 31756

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.68#
80.00	11.80	8.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

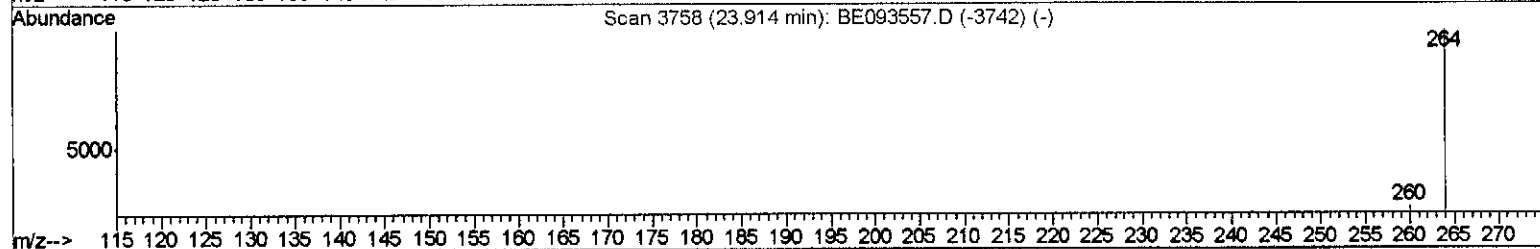
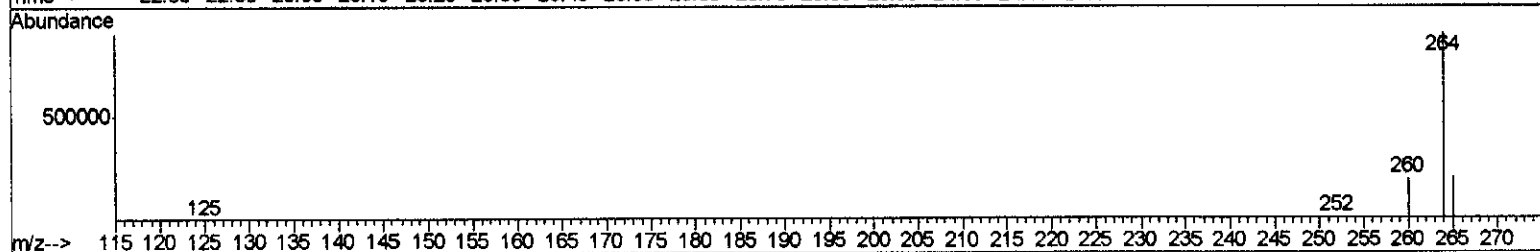
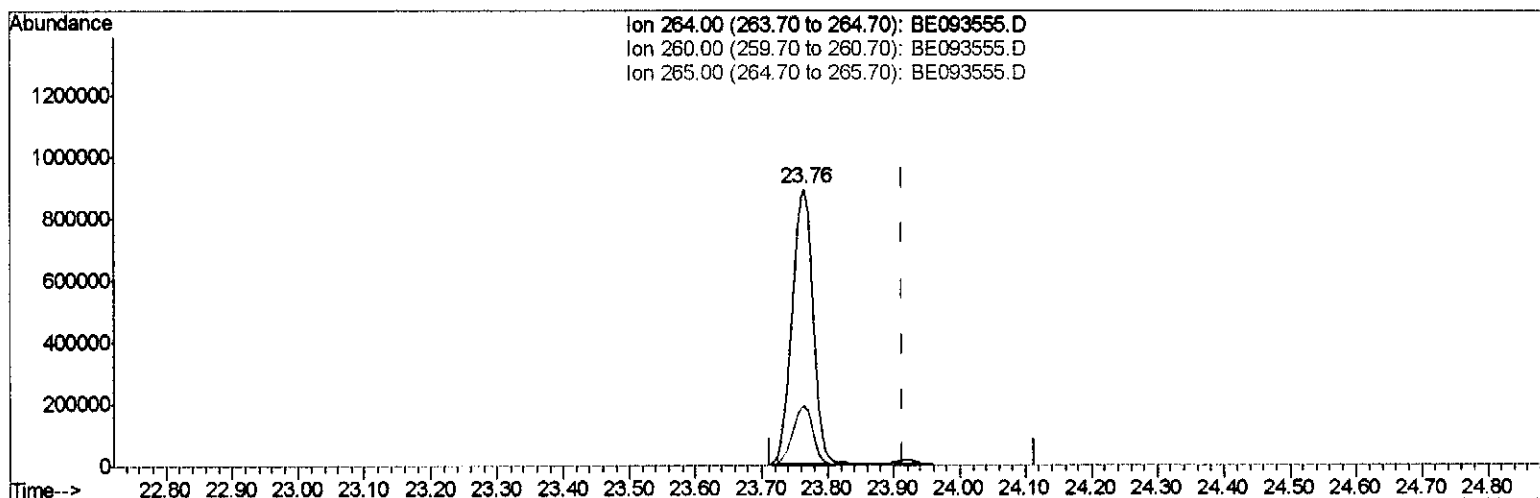
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093555.D
Acq On : 25 Jul 2017 1:28
Operator : SJ/JU
Sample : I4213-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:23 PM

Quant Time: Jul 25 11:26:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093555.D

(20) Perylene-d12 (I)

23.765min (-0.149) 0.40ng/ul

response 1936899

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.12#
265.00	103.50	21.73#
0.00	0.00	0.00

Quantitation Report (Qedit)

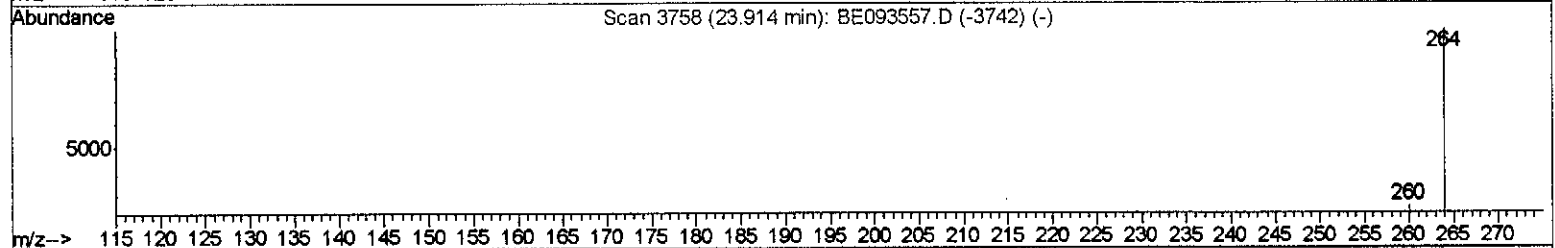
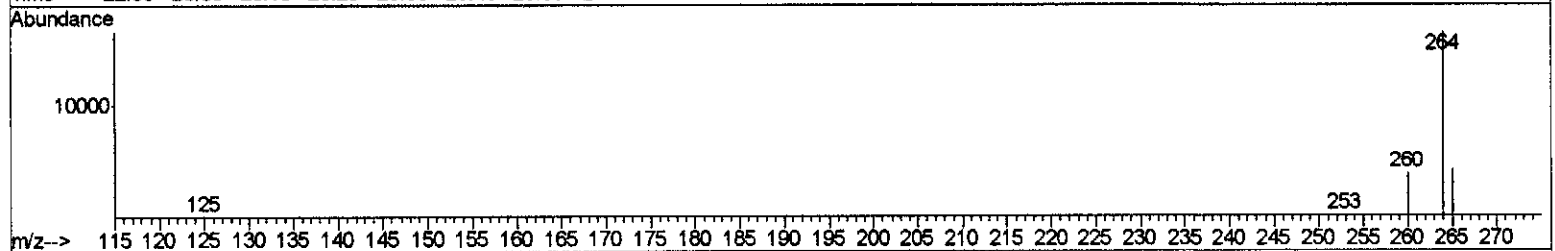
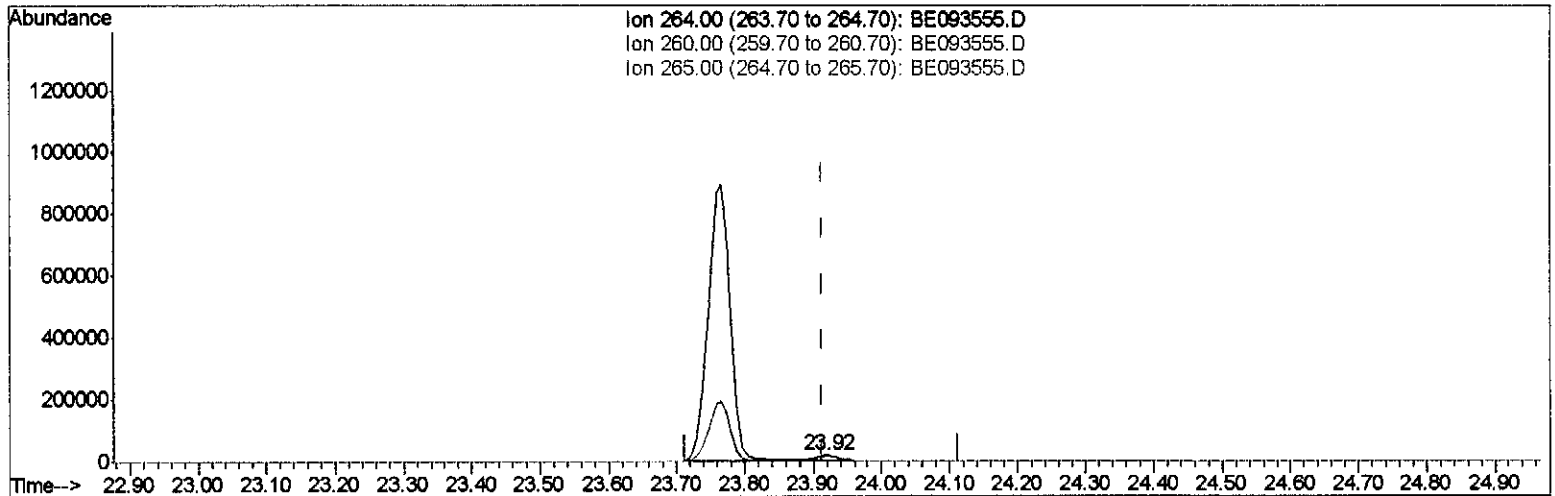
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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 Sample : I4213-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:23 PM

Quant Time: Jul 25 11:26:31 2017
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TIC: BE093555.D

(20) Perylene-d12 (I)

23.919min (+0.005) 0.40ng/ul m *July 25/17*

response 28869

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.10
265.00	103.50	26.09#
0.00	0.00	0.00

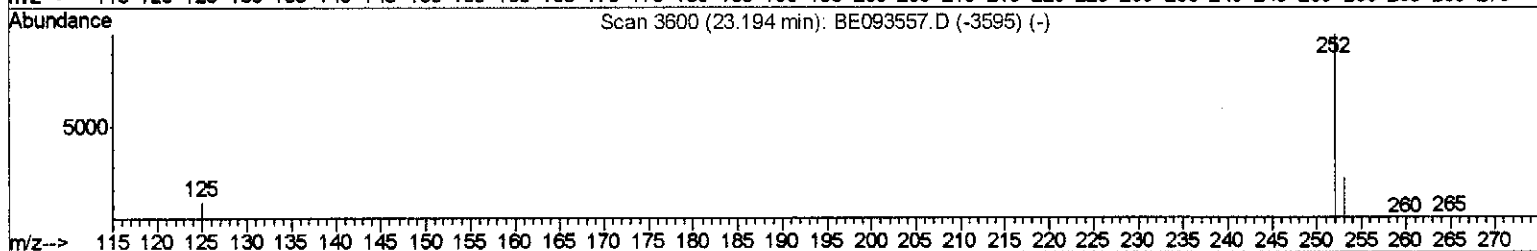
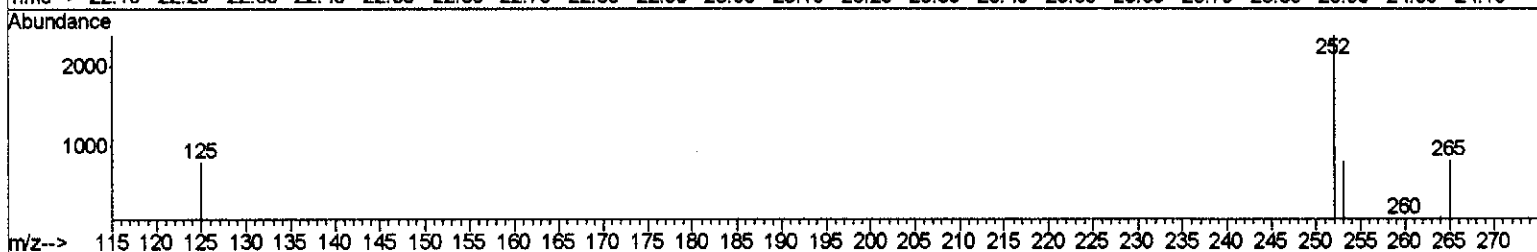
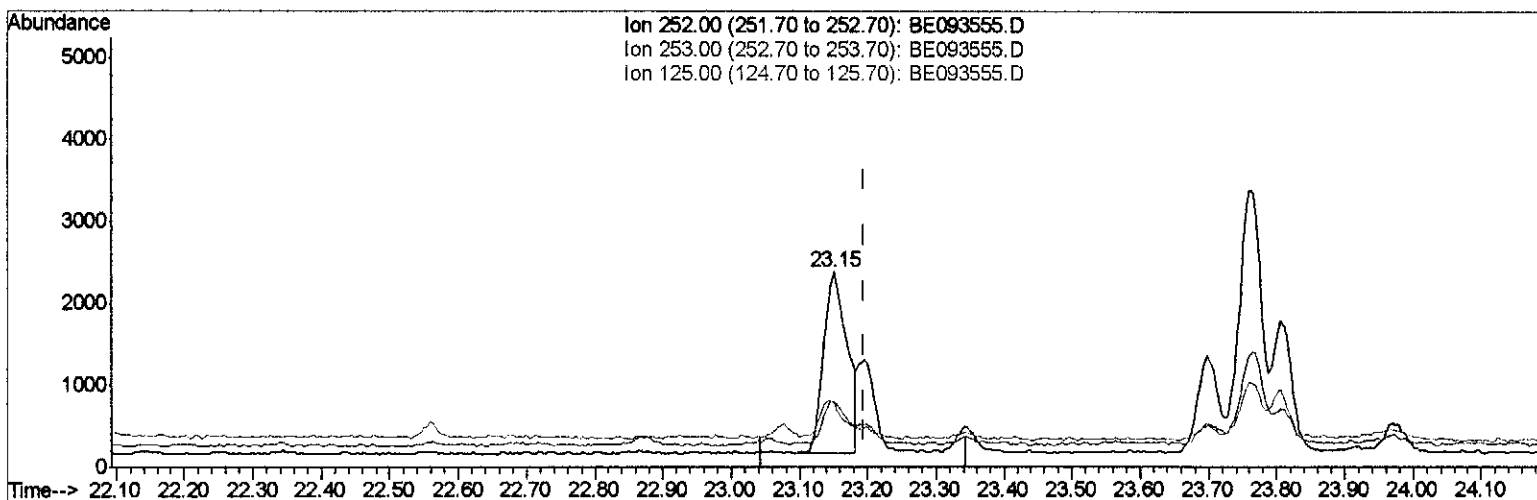
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093555.D
Acq On : 25 Jul 2017 1:28
Operator : SJ/JU
Sample : I4213-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B34

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:23 PM

Quant Time: Jul 25 11:27:16 2017
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TIC: BE093555.D

(22) Benzo(k)fluoranthene

23.150min (-0.045) 0.06ng/ul

response 5332

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.68
125.00	17.10	33.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

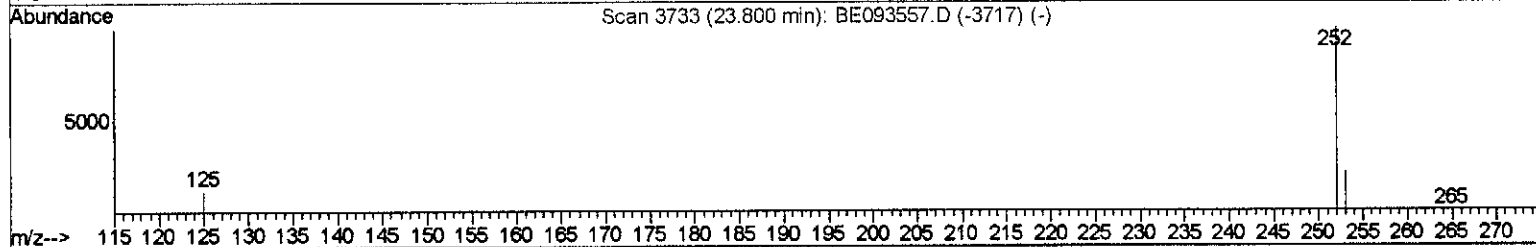
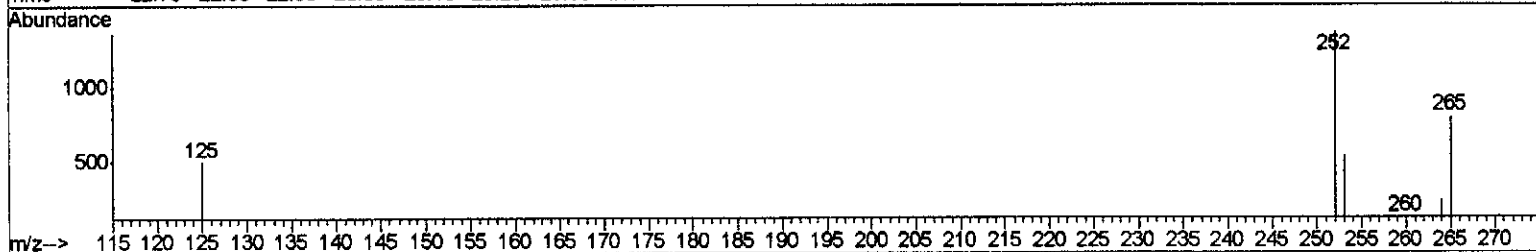
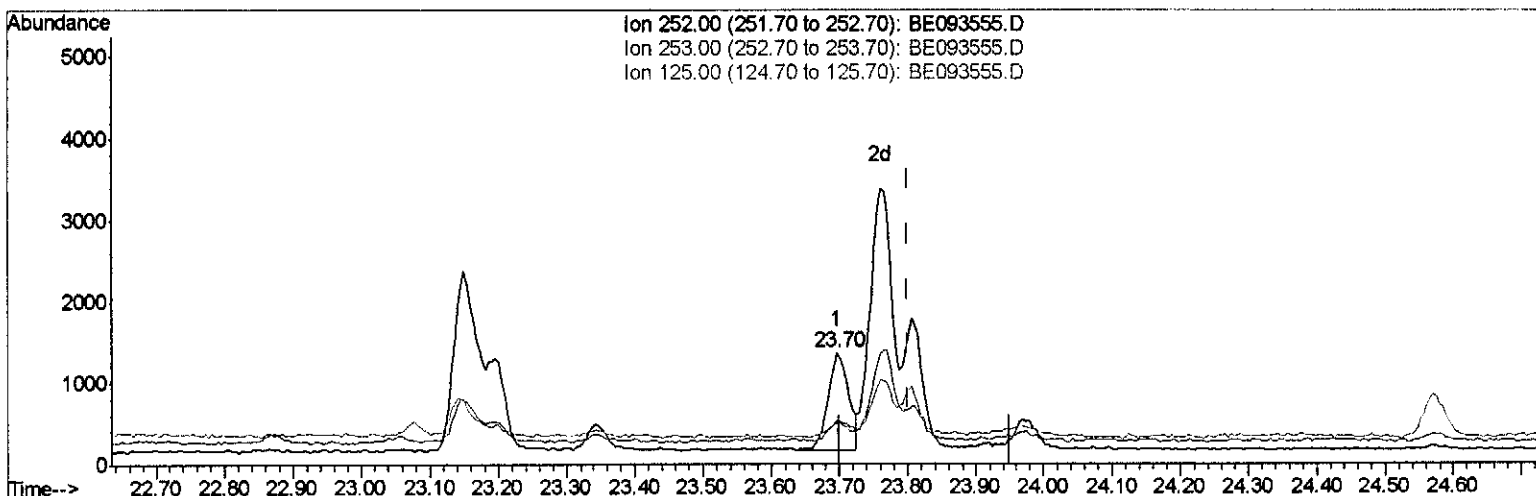
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093555.D
 Acq On : 25 Jul 2017 1:28
 Operator : SJ/JU
 Sample : I4213-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Jul 25 11:27:16 2017
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TIC: BE093555.D

(23) Benzo(a)pyrene (C)

23.696min (-0.104) 0.03ng/ul

response 2501

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.11
125.00	22.60	36.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

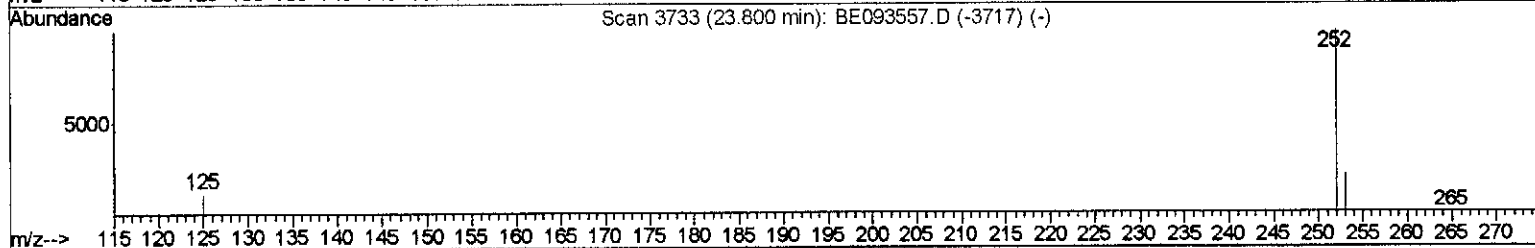
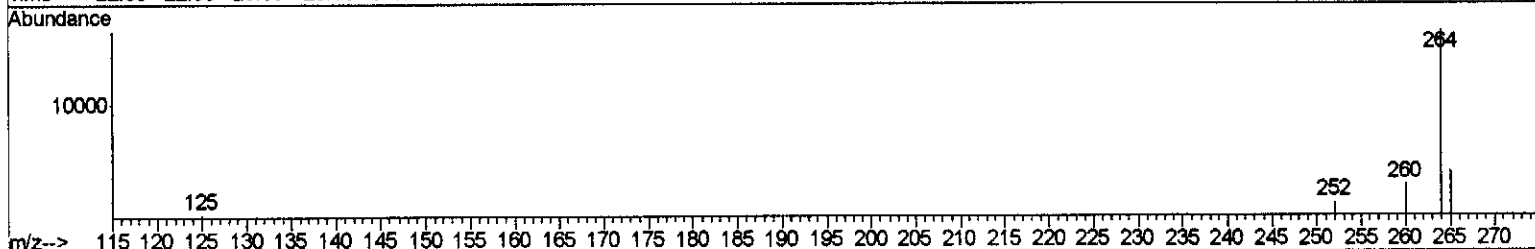
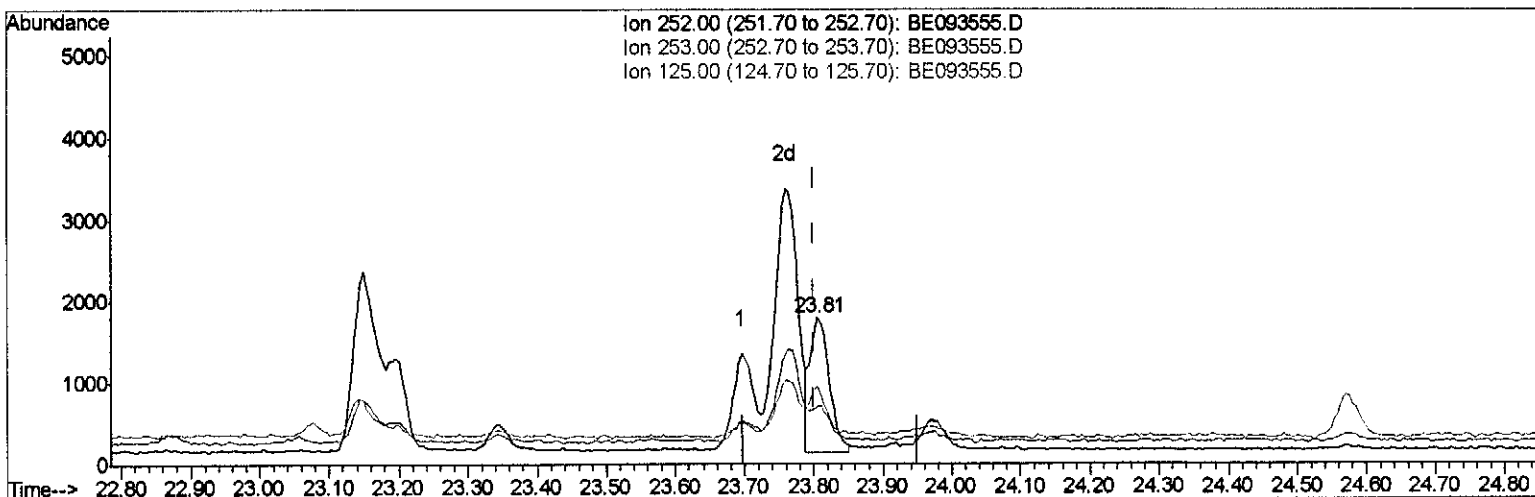
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093555.D
 Acq On : 25 Jul 2017 1:28
 Operator : SJ/JU
 Sample : I4213-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B34

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:23 PM

Quant Time: Jul 25 11:27:16 2017
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TIC: BE093555.D

(23) Benzo(a)pyrene (C)

23.805min (+0.005) 0.04ng/ul m

response 3271

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.06
125.00	22.60	53.11#
0.00	0.00	0.00

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 Operator : SJ/JU
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
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Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	3368	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	18242	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12390	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	31756m>	0.40	ng/ul	> 0.00
16) Chrysene-d12	21.41	240	34706	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	28869m>	0.40	ng/ul	> 0.00

Jules 8/18/17
Jules 8/18/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.29	152	7463	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	25901	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1566	0.035	ng/ul#	90
15) Fluoranthene	19.31	202	5123	0.047	ng/ul	85
17) Pyrene	19.67	202	4850	0.048	ng/ul	94
18) Benzo(a)anthracene	21.39	228	3091	0.031	ng/ul#	87
19) Chrysene	21.45	228	3539	0.037	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	5332	0.060	ng/ul	85
23) Benzo(a)pyrene	23.81	252	3271m>	0.039	ng/ul	> <i>Jules 8/18/17</i>

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