

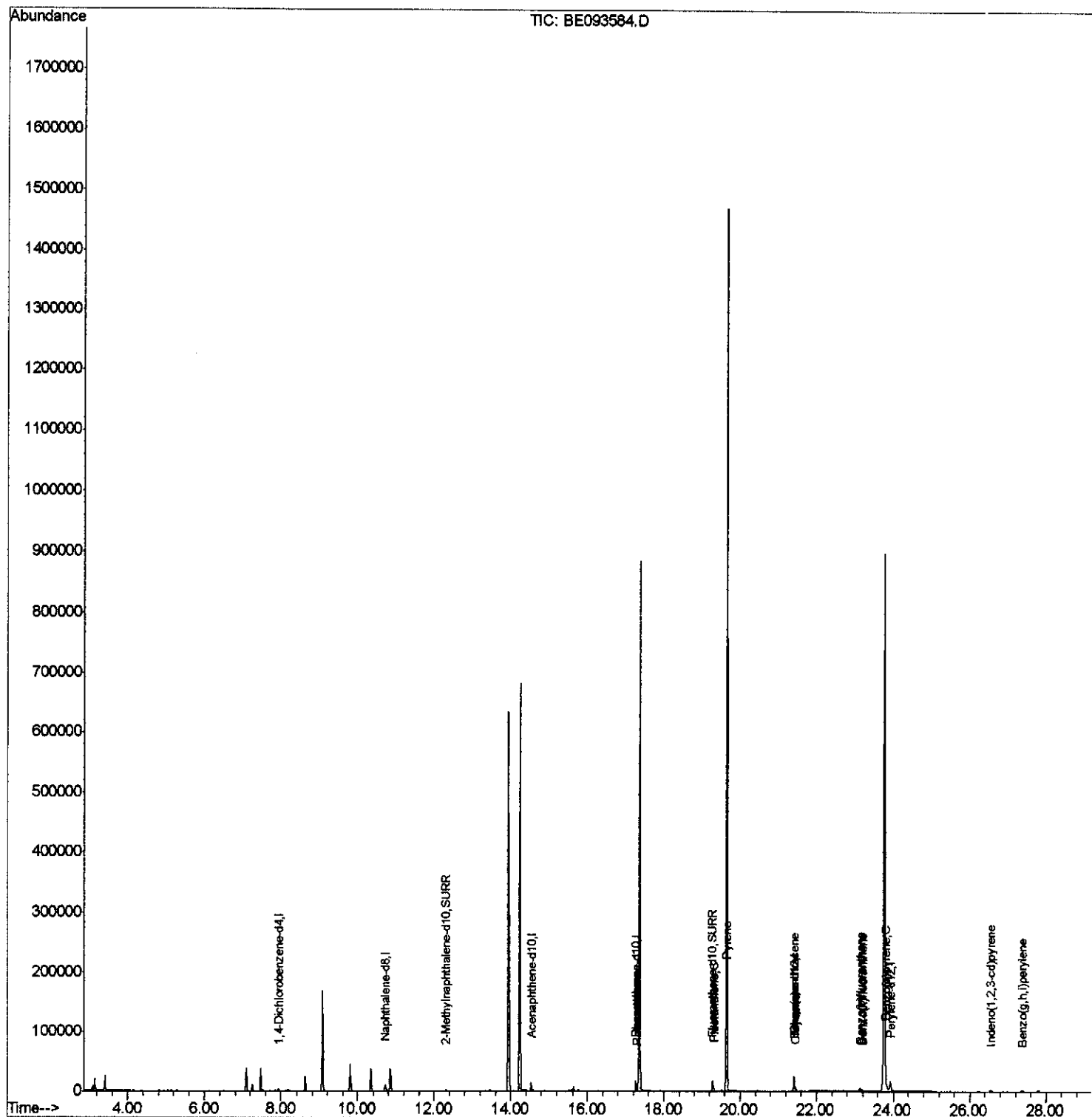
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093584.D
Acq On : 25 Jul 2017 19:16
Operator : SJ/JU
Sample : I4213-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B27

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:59 PM

Quant Time: Jul 26 03:48:05 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



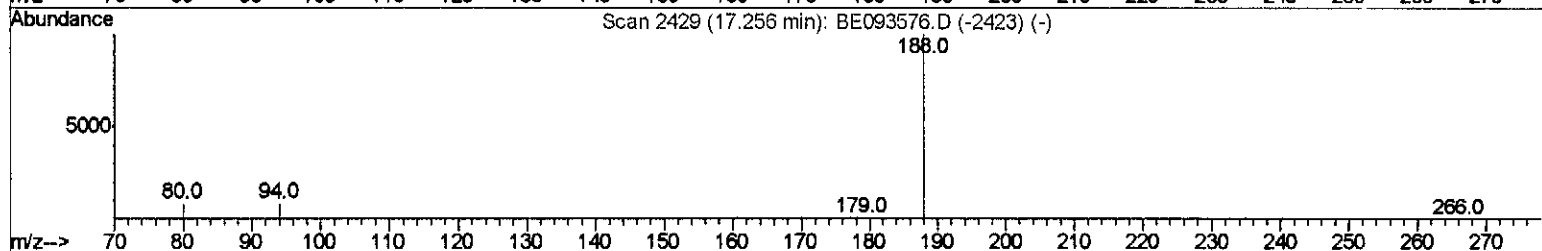
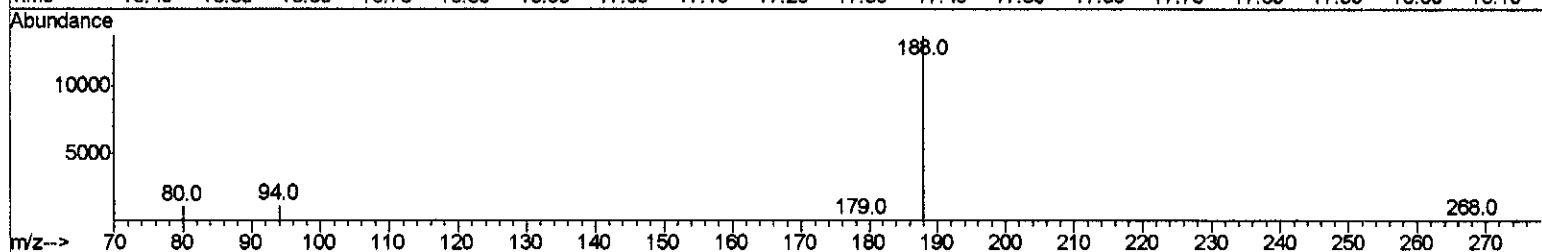
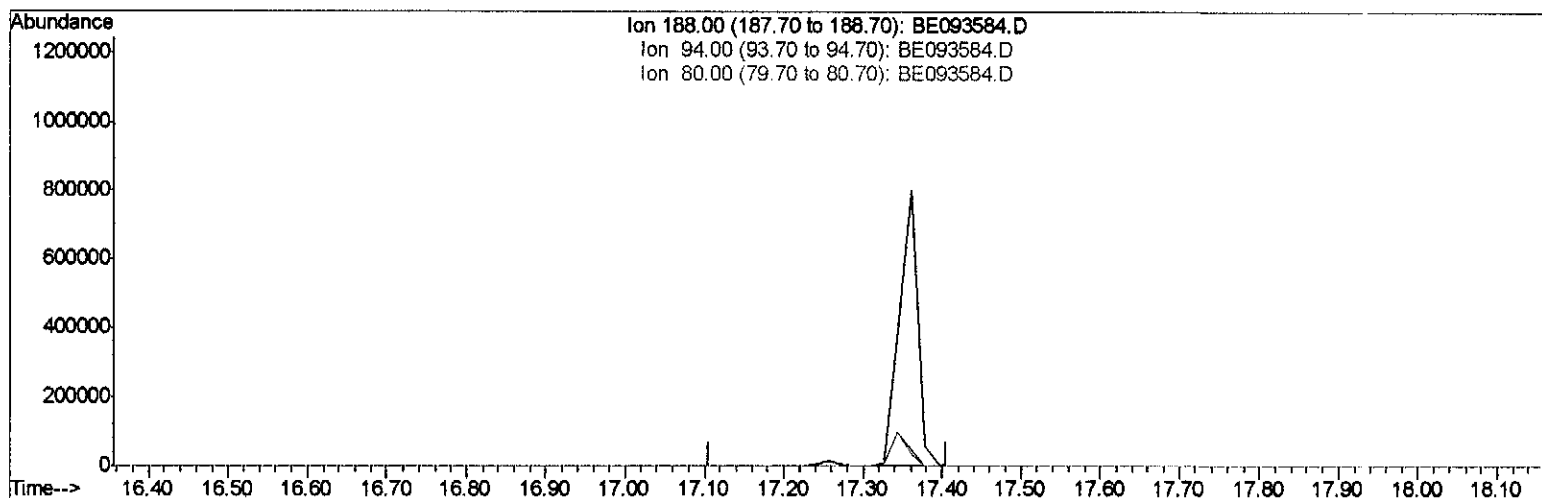
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
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Manual Integrations
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Sohil
7/26/2017 5:55:59 PM

Quant Time: Jul 26 02:48:50 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093584.D

(10) Phenanthrene-d10 (I)

17.256min (-17.256) 0.00ng/ui

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

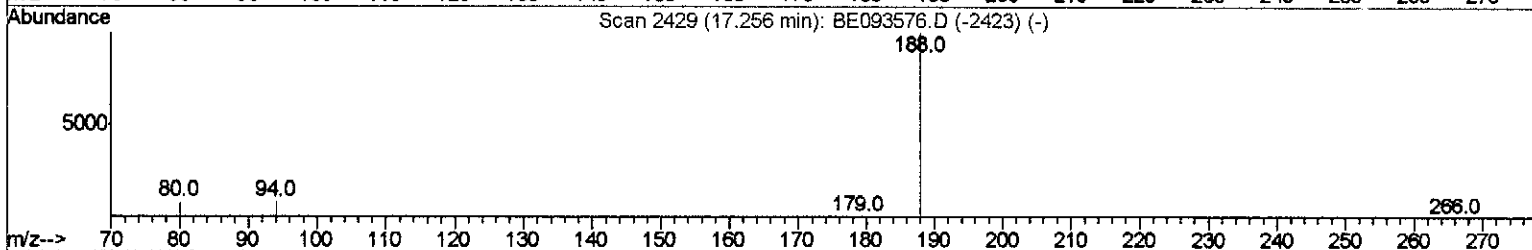
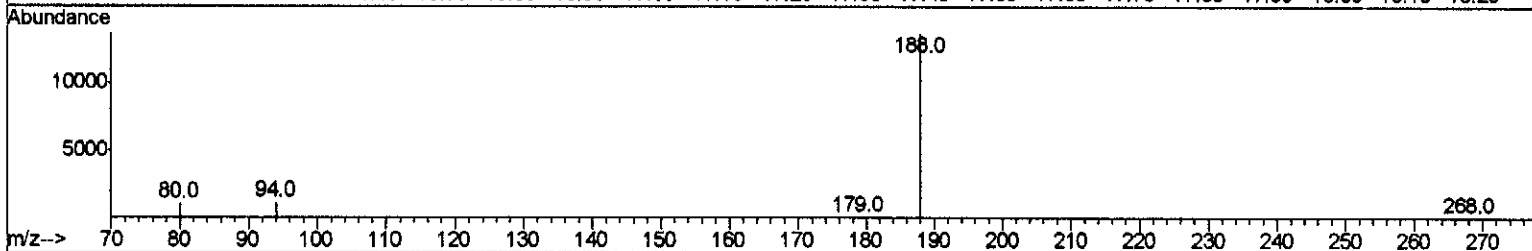
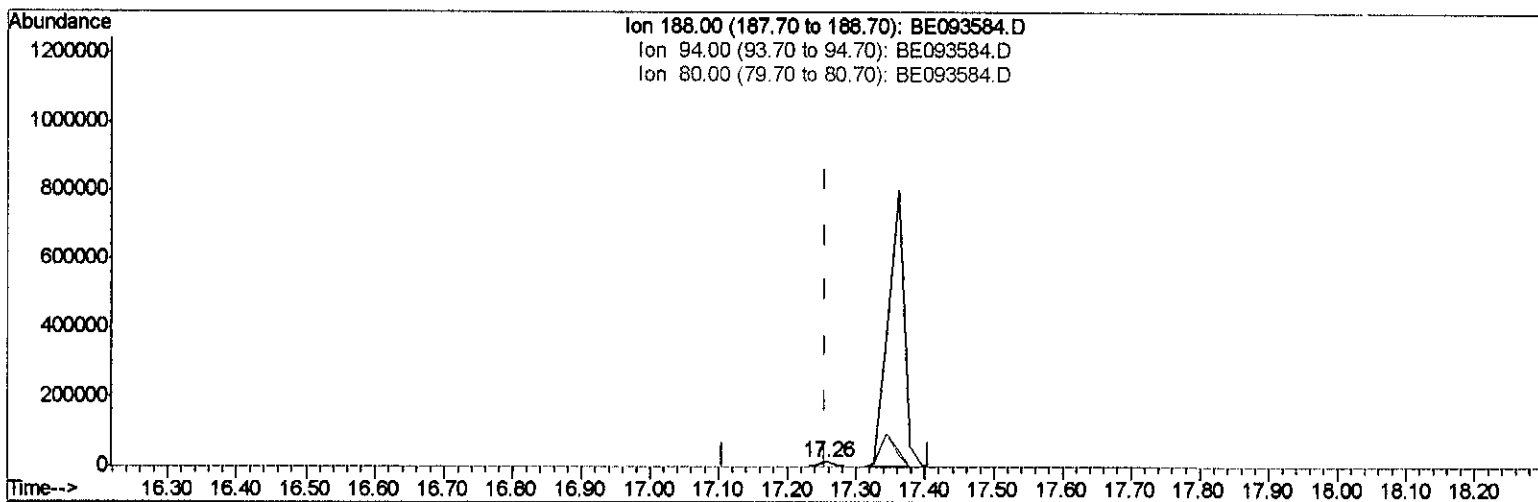
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093584.D
Acq On : 25 Jul 2017 19:16
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Sample : I4213-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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Sohil
7/26/2017 5:55:59 PM

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TIC: BE093584.D

(10) Phenanthrene-d10 (I)

17.256min (+0.001) 0.40ng/ul m SJ 8/8/17

response 19560

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.92#
80.00	11.80	7.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

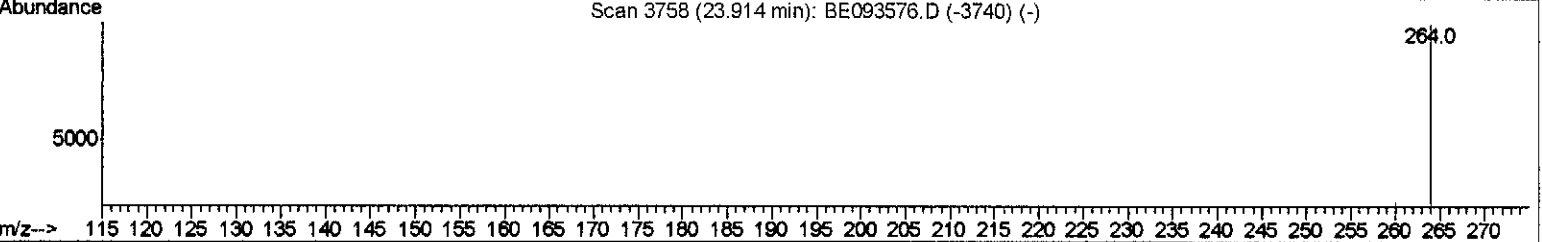
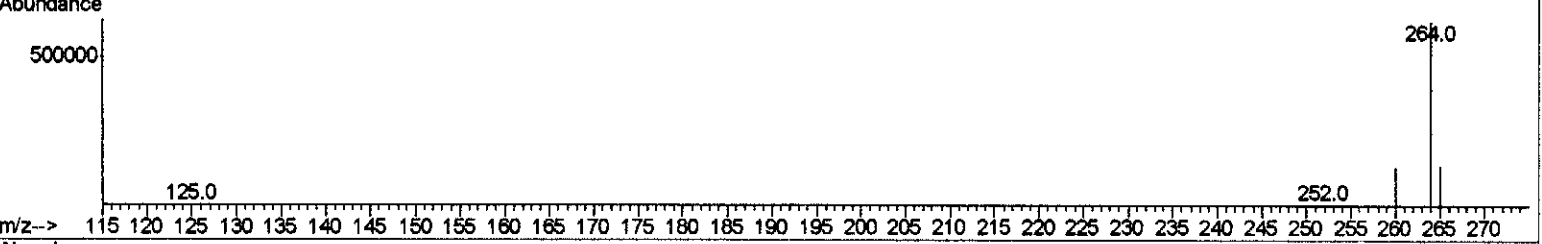
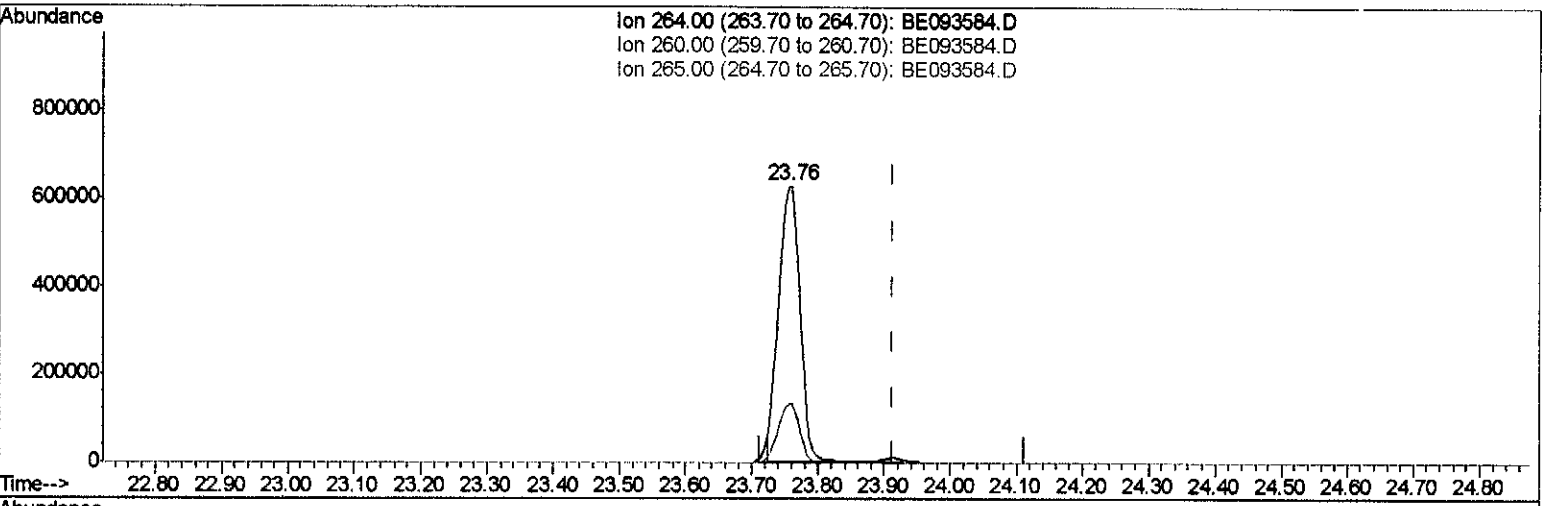
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 02:56:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093584.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ul

response 1380302

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.94#
265.00	103.50	21.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

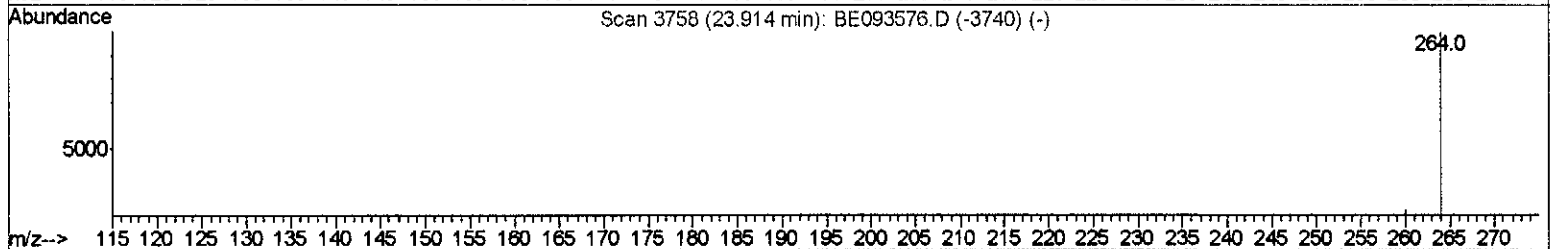
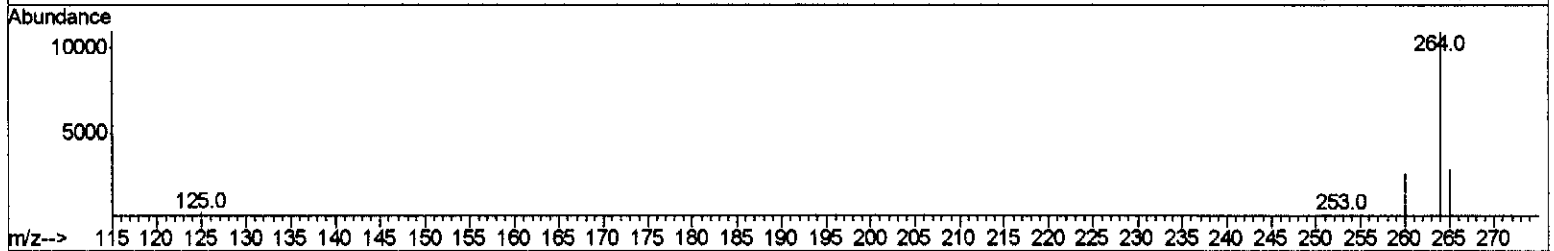
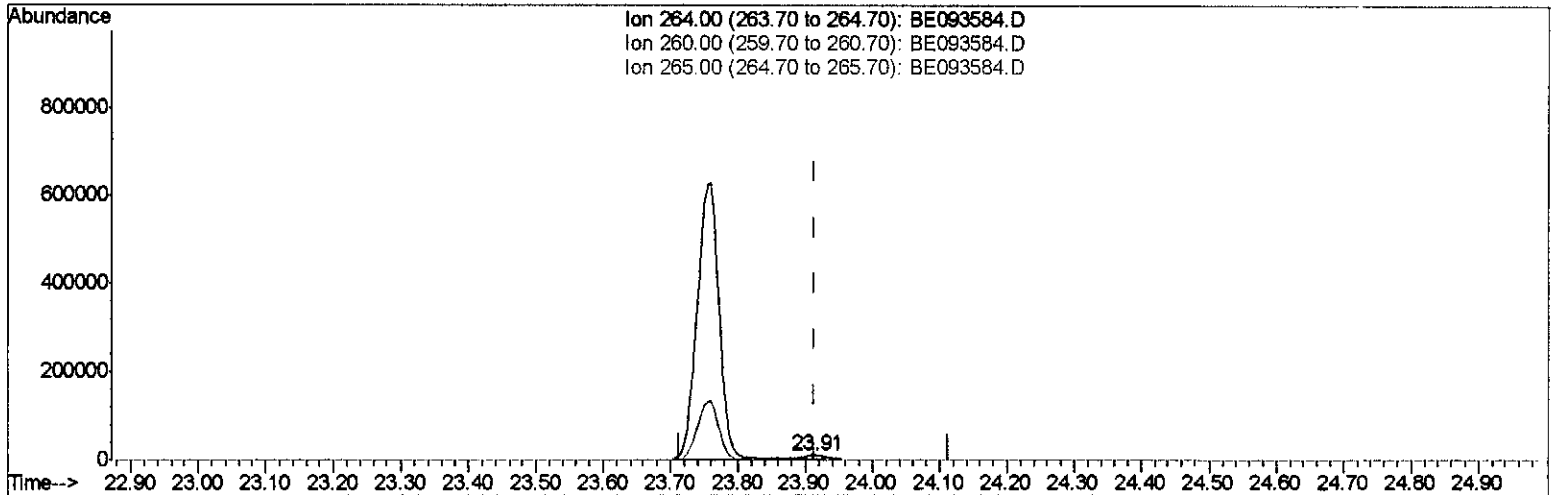
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 02:56:20 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093584.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m *SJ 8/8/12*

response 19241

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.17
265.00	103.50	25.79%
0.00	0.00	0.00

Quantitation Report (Qedit)

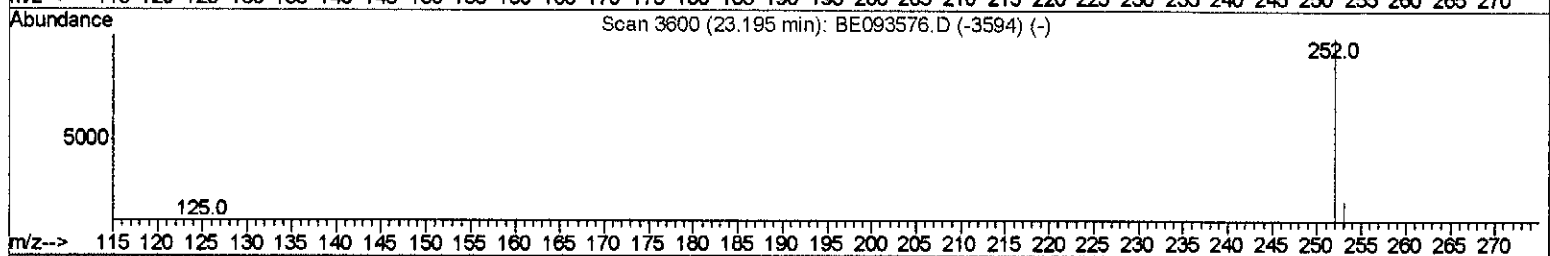
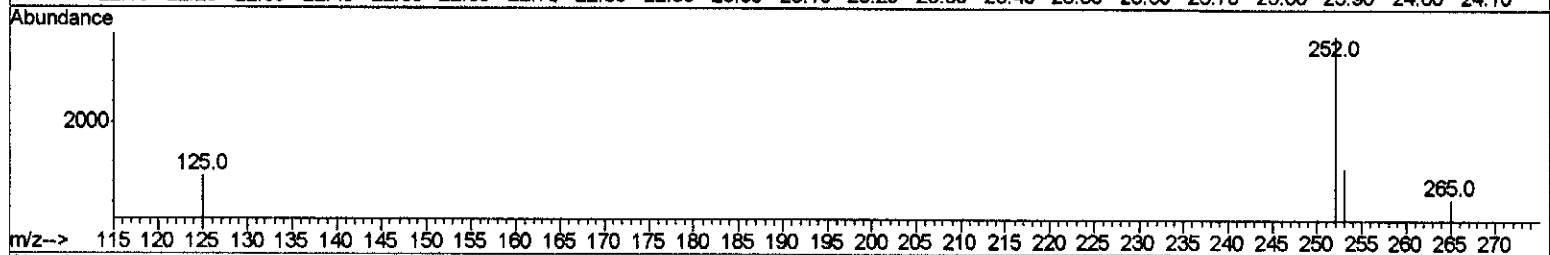
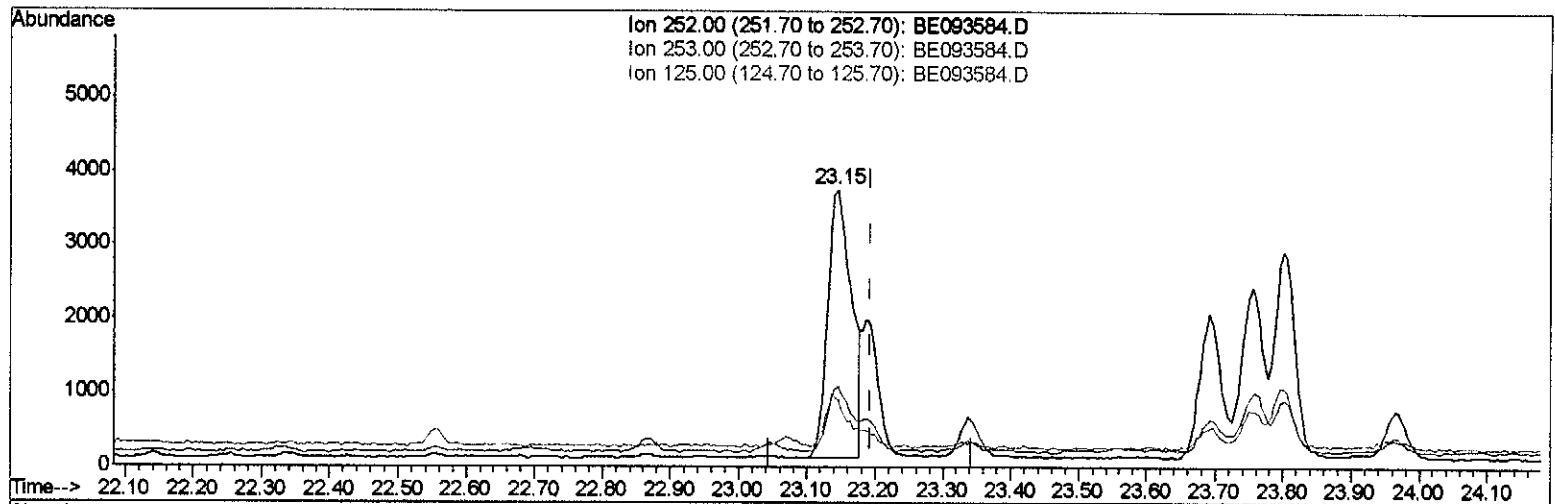
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 03:05:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE093584.D

(22) Benzo(k)fluoranthene

23.145min (-0.049) 0.15ng/ul

response 8913

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.08
125.00	17.10	24.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

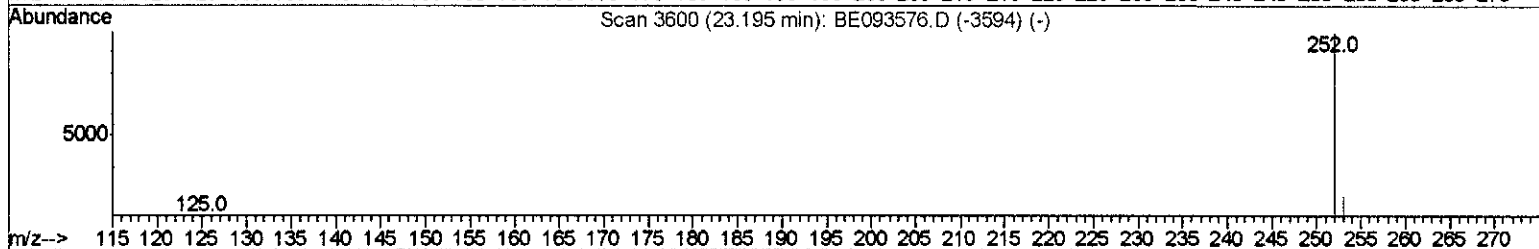
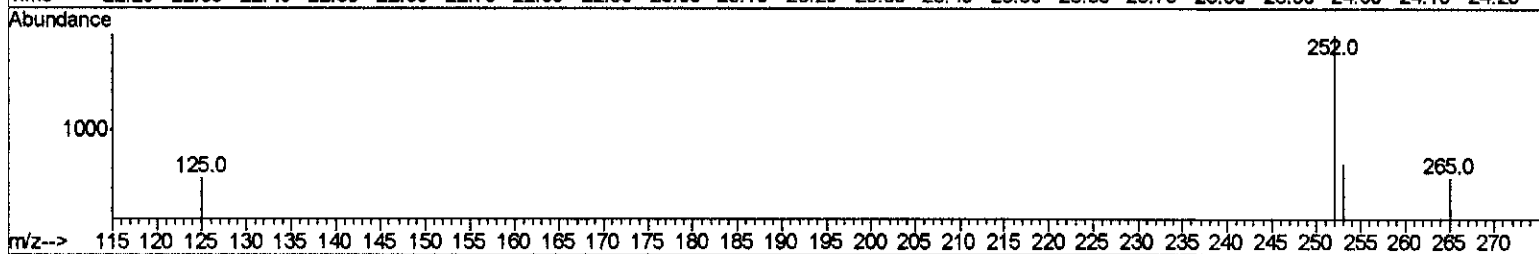
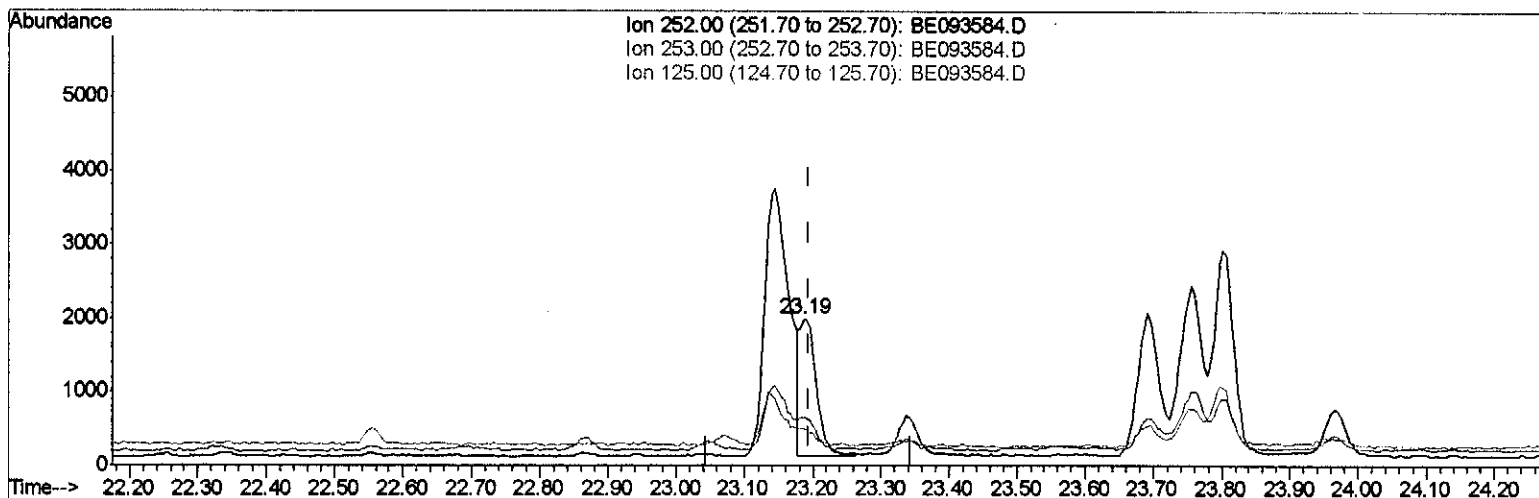
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 03:05:06 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093584.D

(22) Benzo(k)fluoranthene

23.186min (-0.008) 0.05ng/ul m

SJ 8/8/17

response 3156

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.05
125.00	17.10	25.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

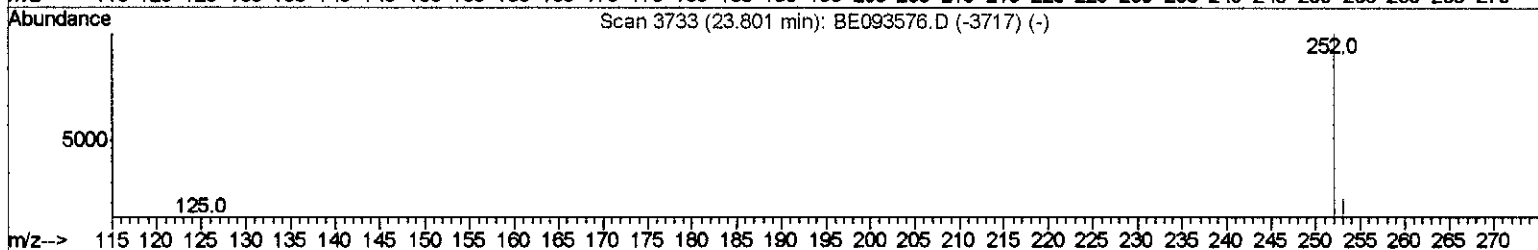
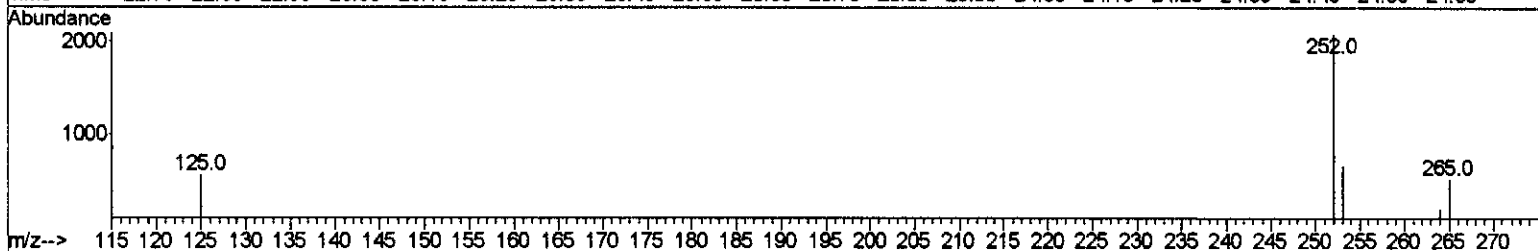
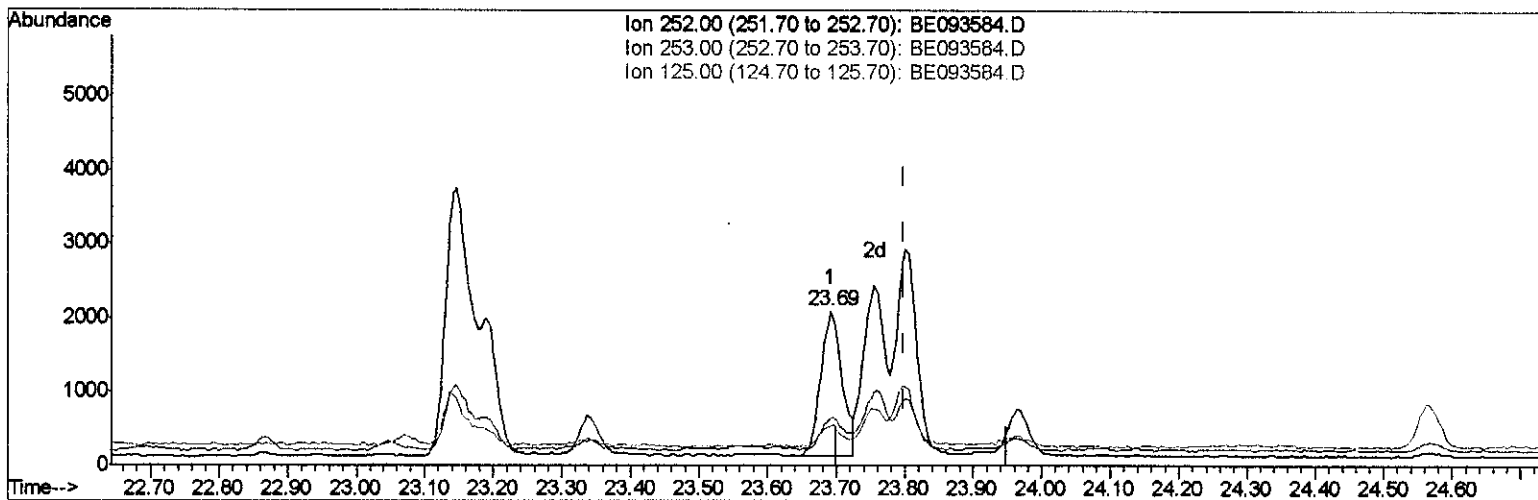
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 03:05:06 2017
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TIC: BE093584.D

(23) Benzo(a)pyrene (C)
 23.691min (-0.109) 0.07ng/ul
 response 4188

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.37
125.00	22.60	26.05
0.00	0.00	0.00

Quantitation Report (Qedit)

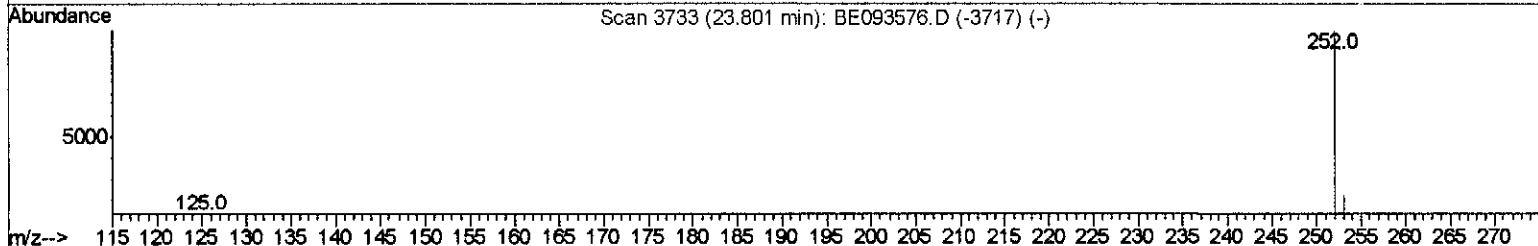
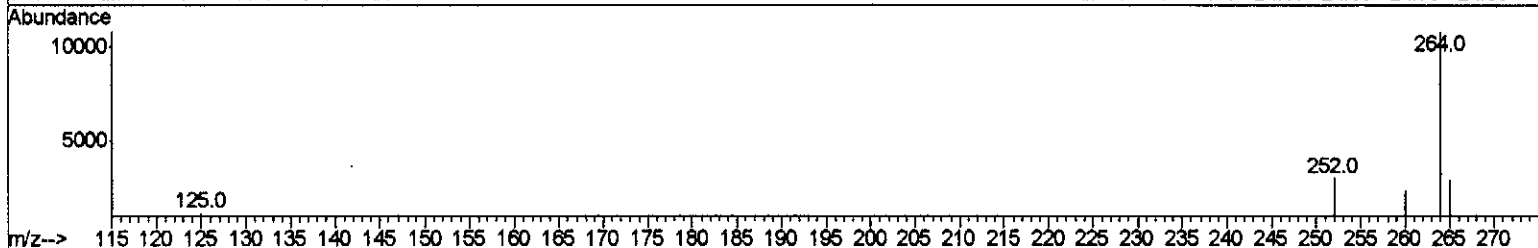
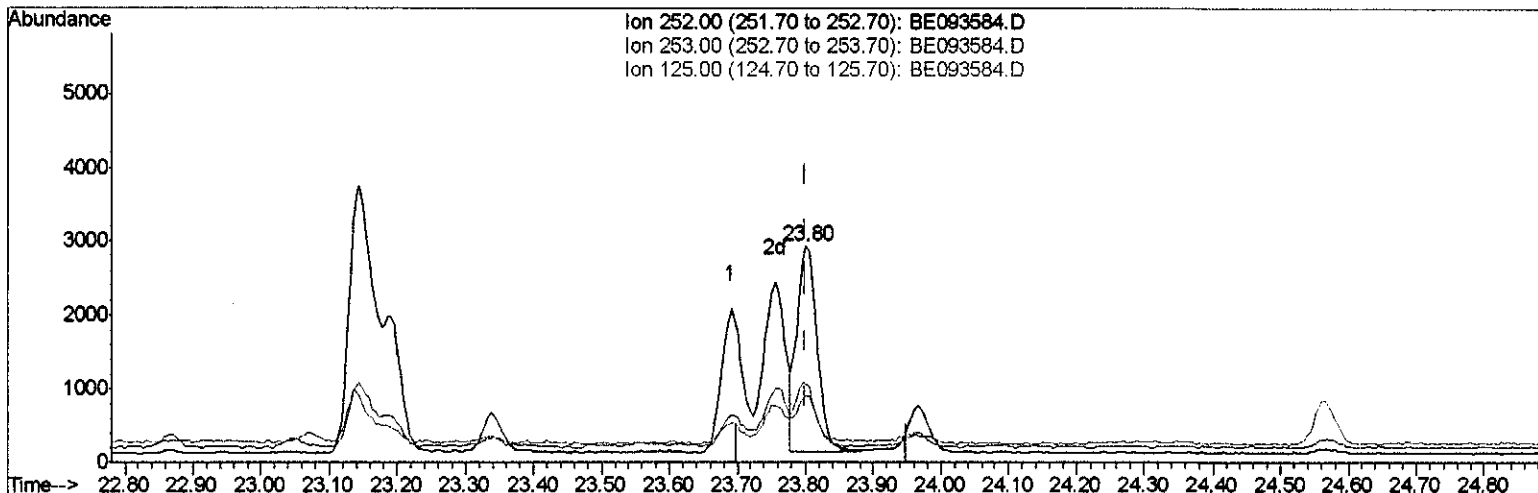
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093584.D
 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B27

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:59 PM

Quant Time: Jul 26 03:05:06 2017
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TIC: BE093584.D

(23) Benzo(a)pyrene (C)

23.801min (+0.001) 0.10ng/ul m

SJ 8/8/17

response 5659

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.59
125.00	22.60	36.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

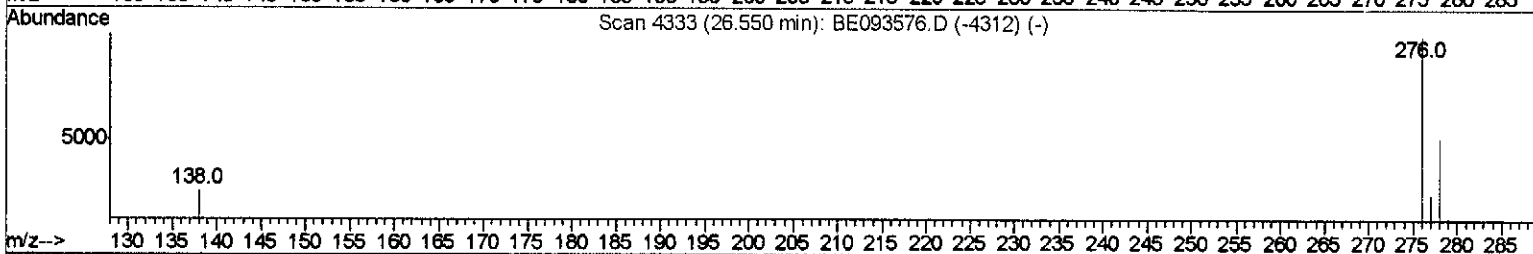
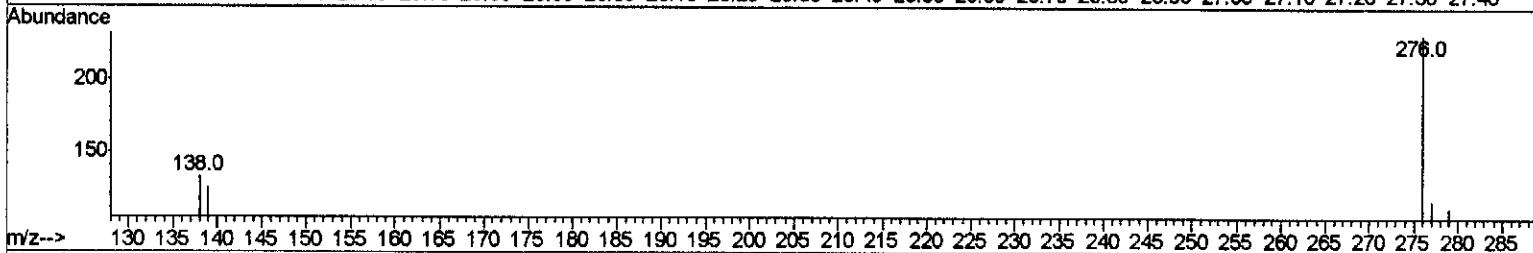
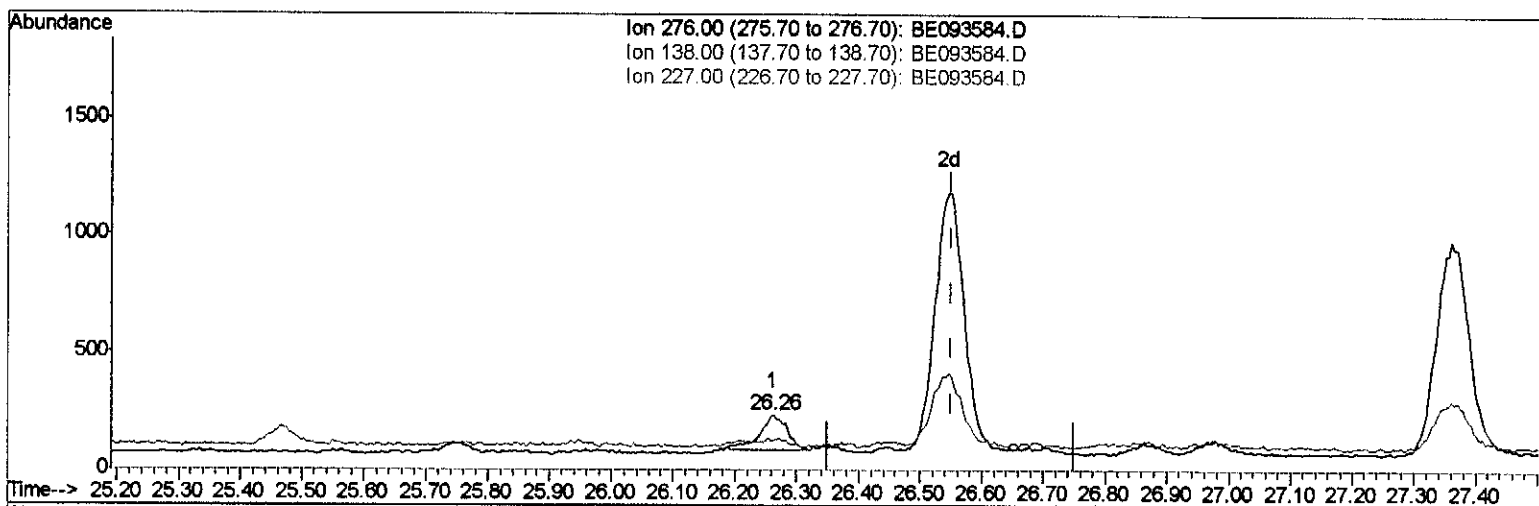
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
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Misc :
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Manual Integrations
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TIC: BE093584.D

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

26.263min (-0.288) 0.01ng/ui

response 458

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	20.96#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

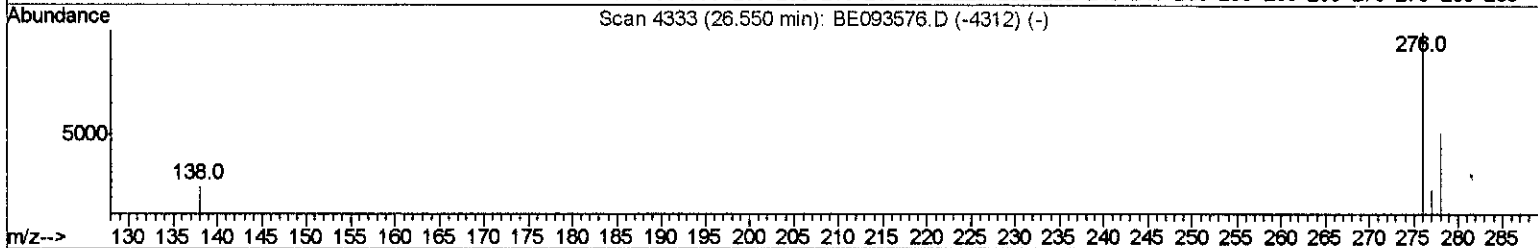
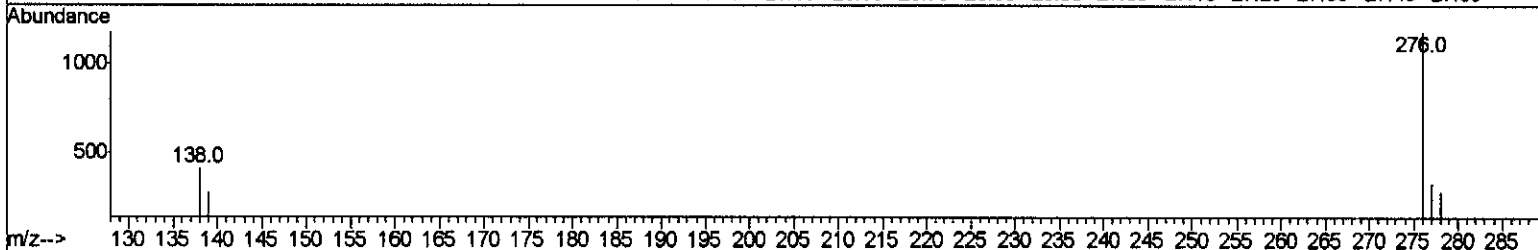
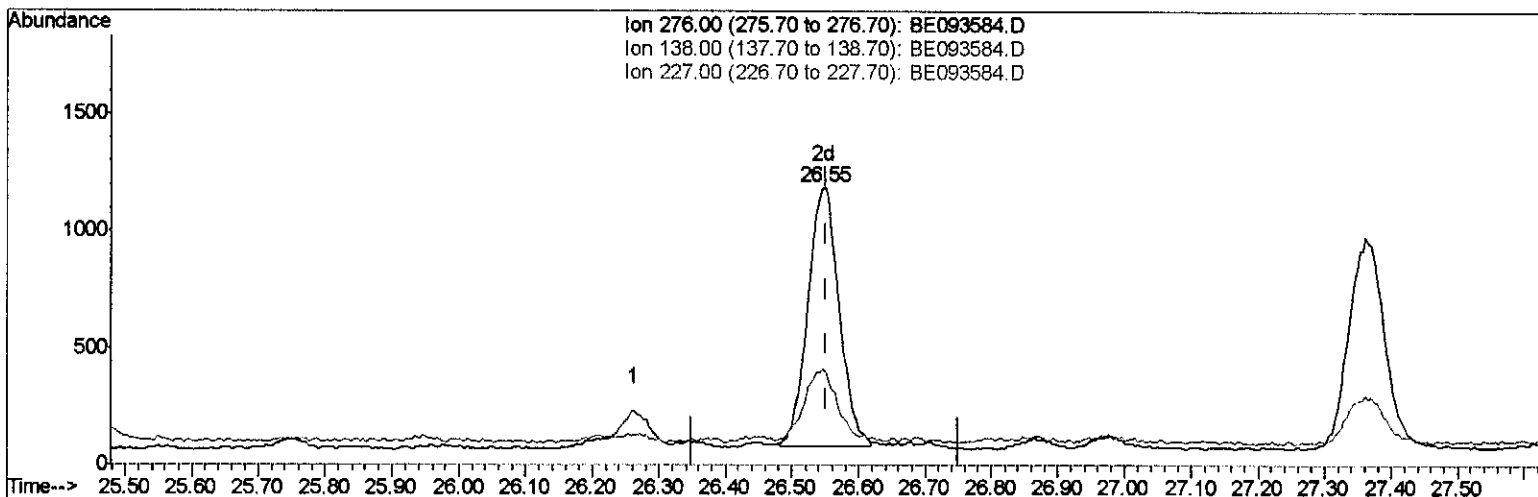
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BE093584.D

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

26.545min (-0.006) 0.06ng/ul m SJ 8/8/17

response 3621

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.65#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

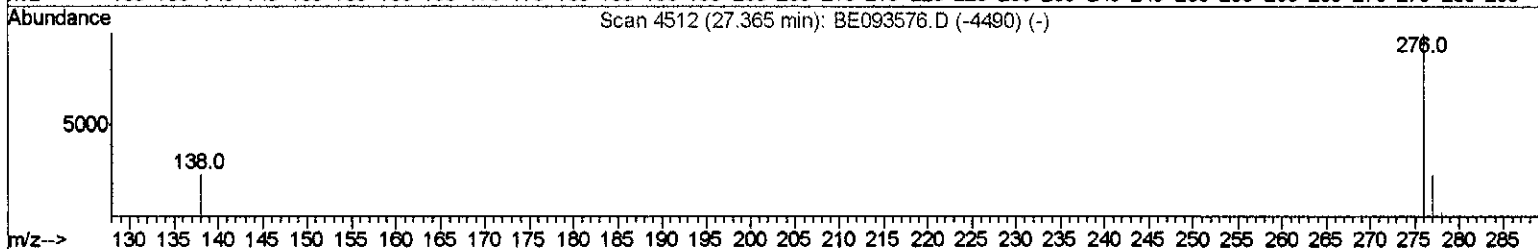
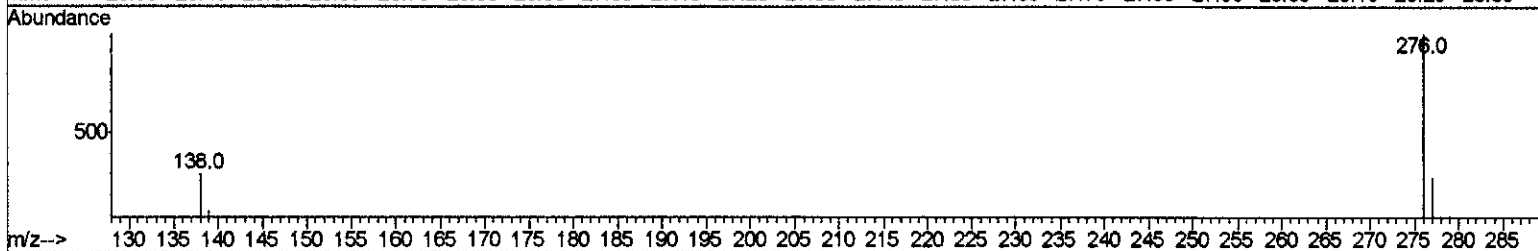
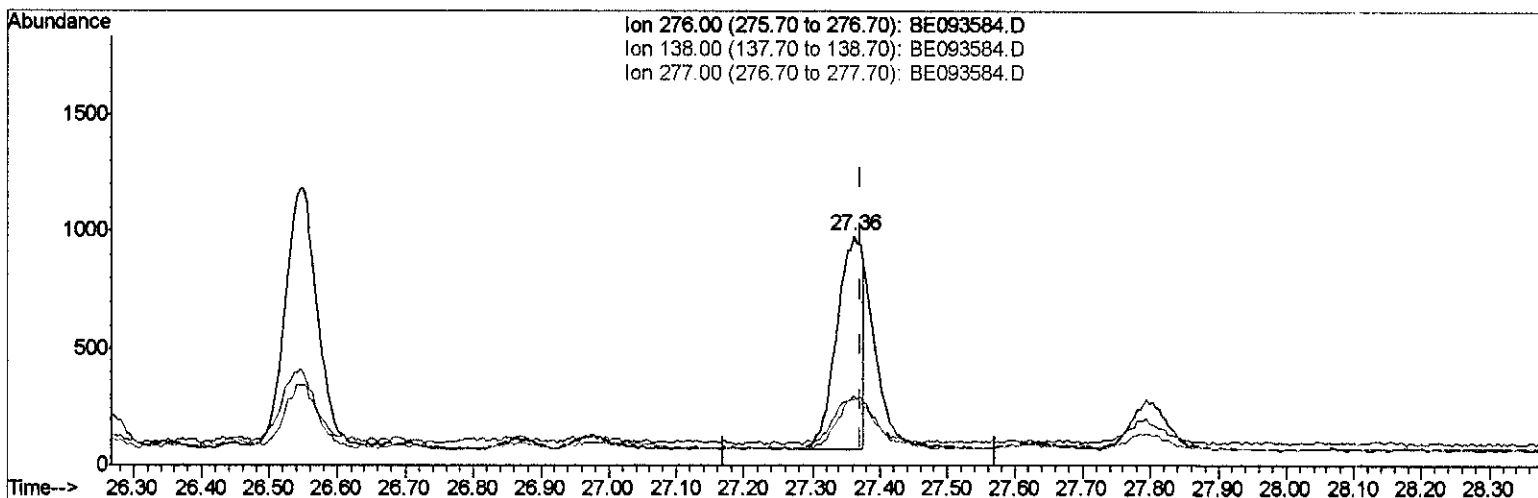
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
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 Acq On : 25 Jul 2017 19:16
 Operator : SJ/JU
 Sample : I4213-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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TIC: BE093584.D

(26) Benzo(g,h,i)perylene
 27.361min (-0.010) 0.05ng/ul
 response 2423

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	30.55
277.00	25.60	28.82
0.00	0.00	0.00

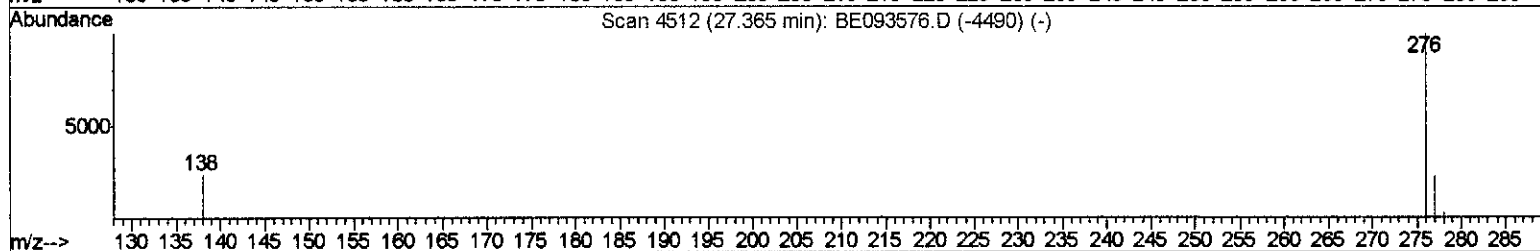
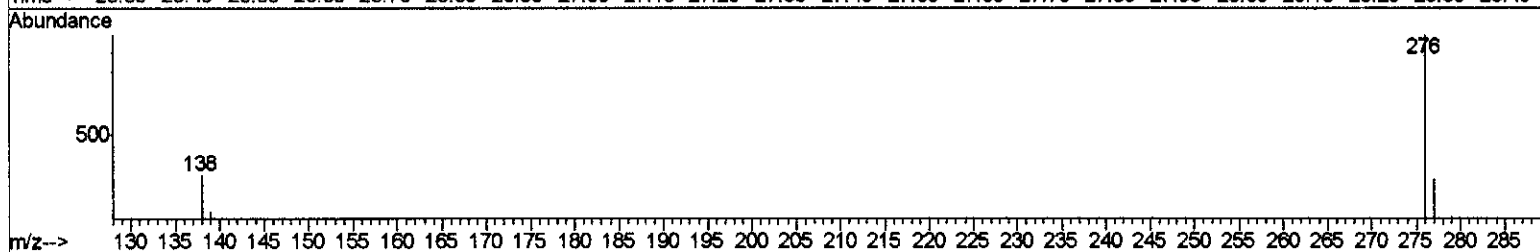
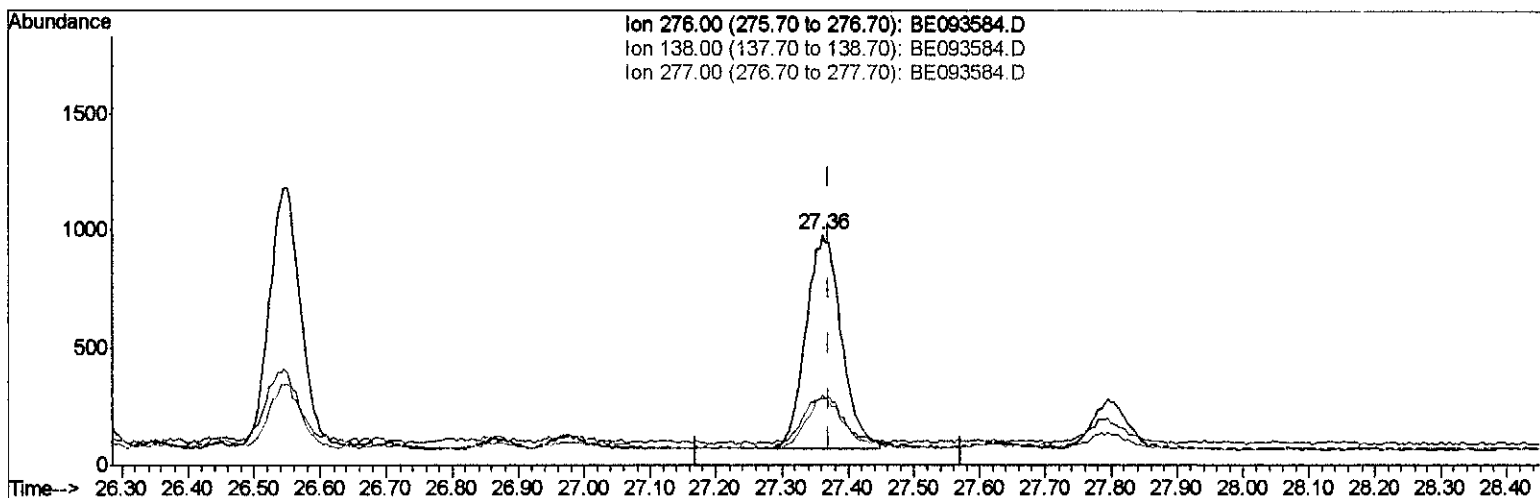
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093584.D
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Instrument :
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ClientSampleId :
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Manual Integrations
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Sohil
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TIC: BE093584.D

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

27.361min (-0.010) 0.06ng/ul m>

SJ 8/5/17

response 3412

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	30.55
277.00	25.60	28.82
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2192	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11679	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	7893	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19560m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22202	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19241m	0.40	ng/ul	0.00

SJ 7/26/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	5155	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	18223	0.30	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.29	178	2279	0.043	ng/ul#	89
15) Fluoranthene	19.30	202	9279	0.139	ng/ul	85
17) Pyrene	19.67	202	11278	0.174	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	4800	0.075	ng/ul#	87
19) Chrysene	21.45	228	6355	0.103	ng/ul	96
21) Benzo(b)fluoranthene	23.15	252	8913	0.150	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	3156m	0.054	ng/ul	
23) Benzo(a)pyrene	23.80	252	5659m	0.100	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3621m	0.058	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	3412m	0.065	ng/ul	

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