

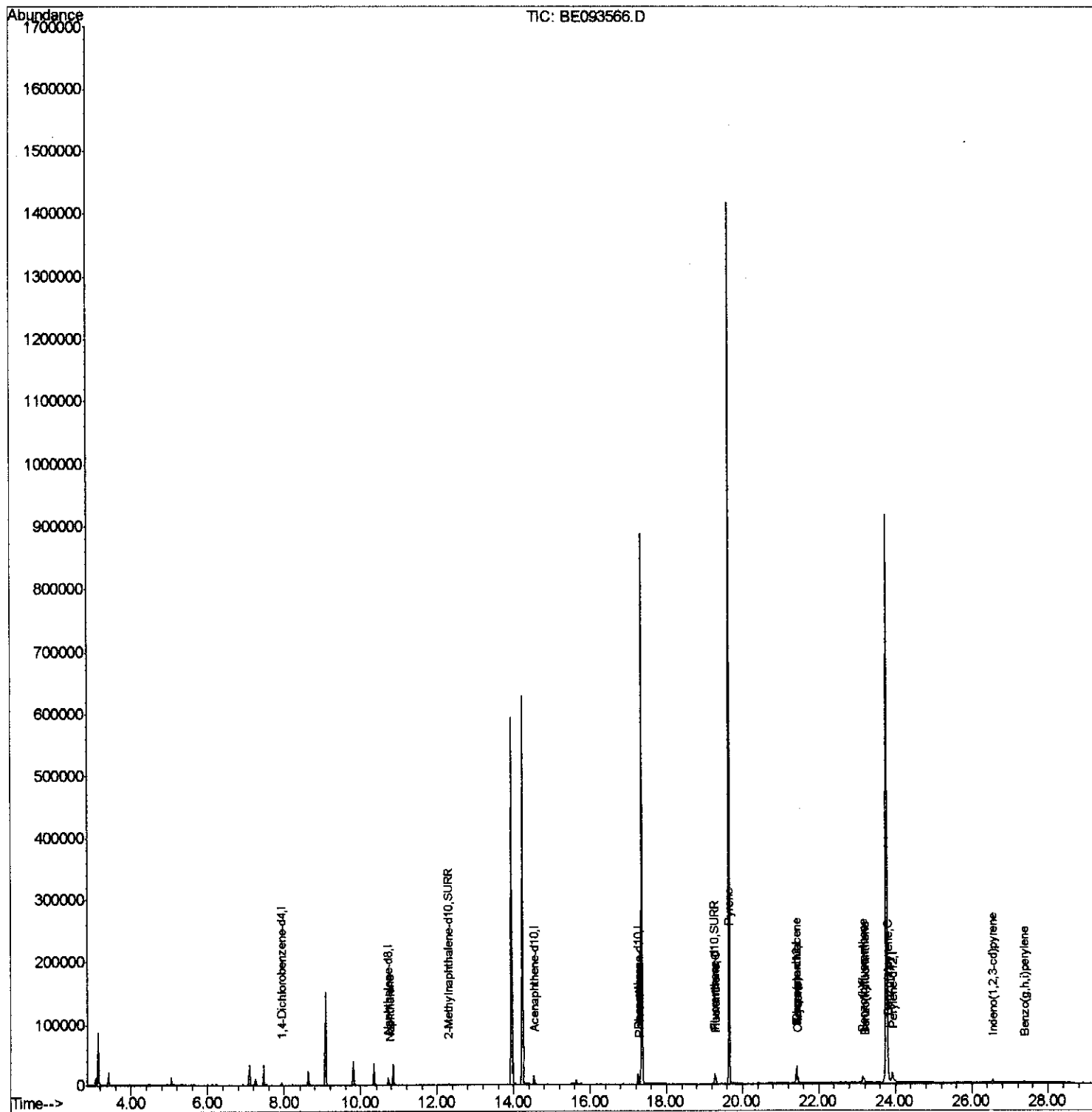
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093566.D
Acq On : 25 Jul 2017 8:13
Operator : SJ/JU
Sample : I4209-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B08

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:10 PM

Quant Time: Jul 25 12:03:48 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



Quantitation Report (Qedit)

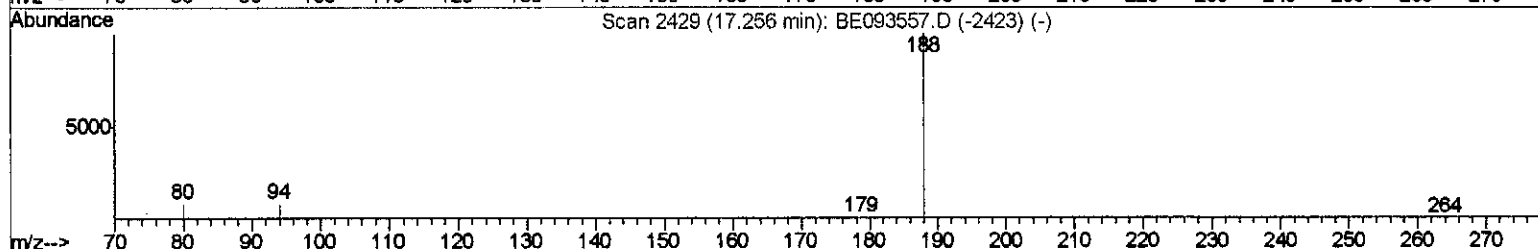
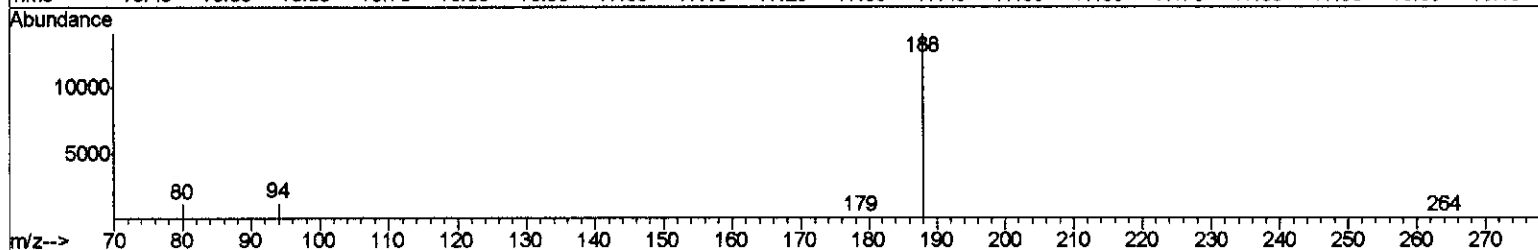
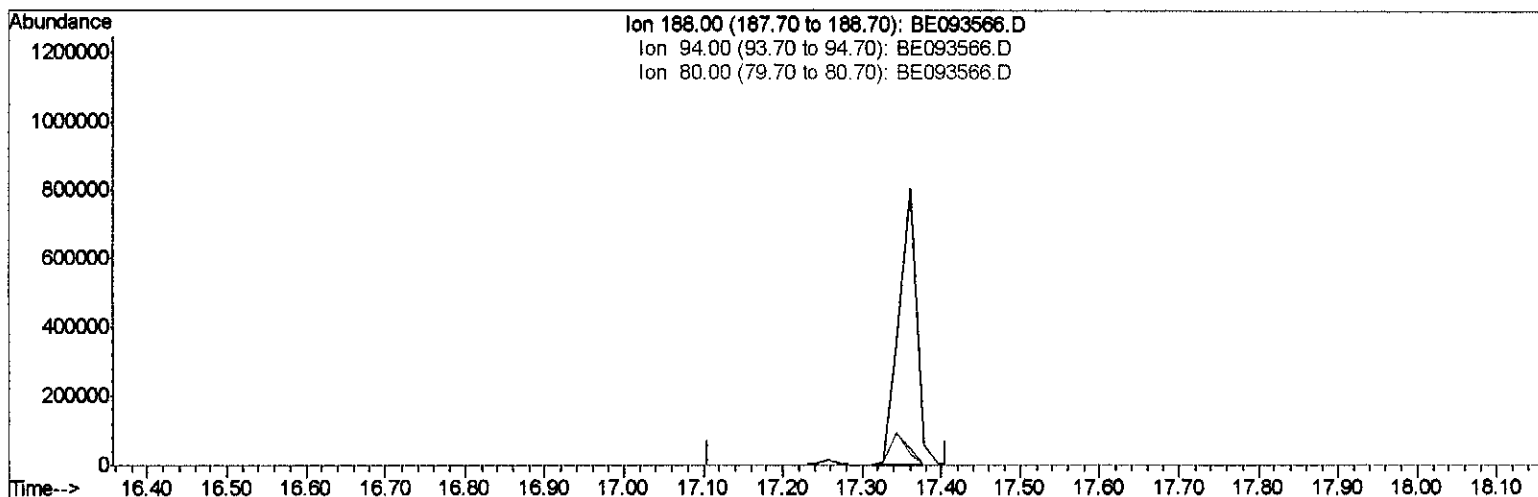
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Manual Integrations
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TIC: BE093566.D

(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)

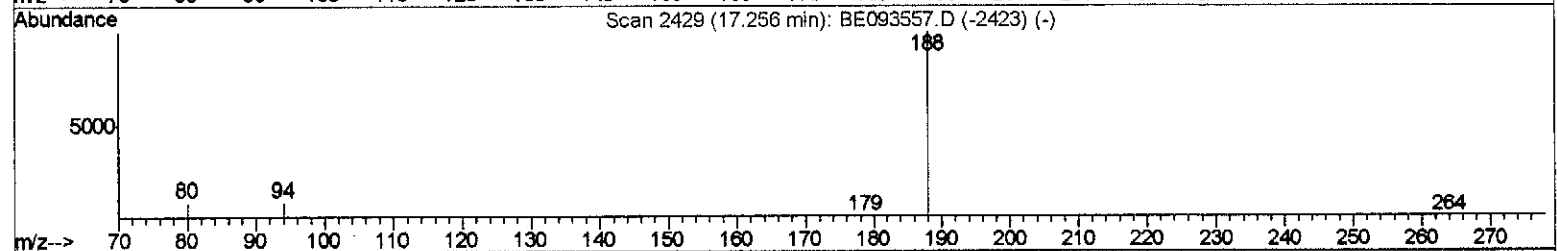
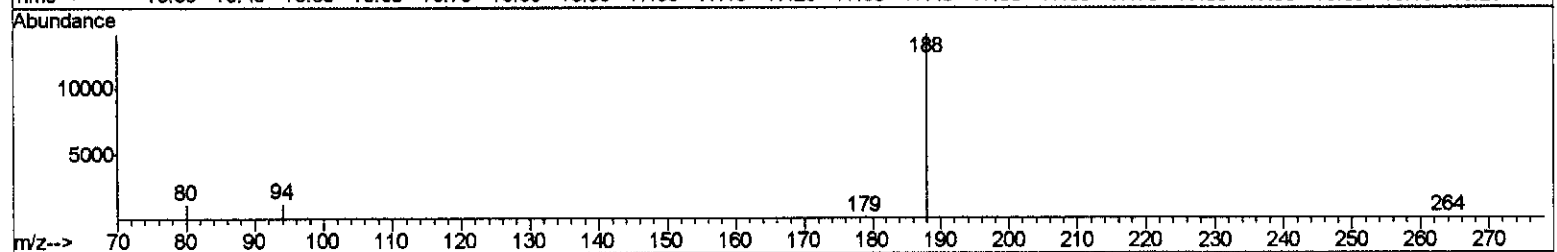
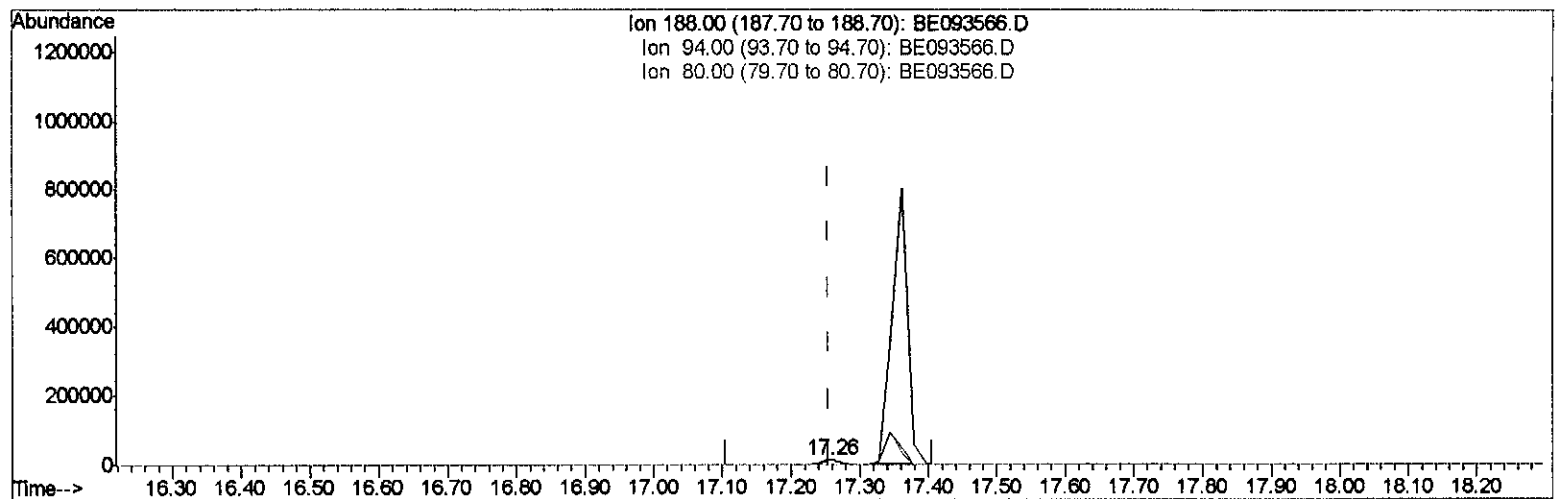
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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Manual Integrations
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TIC: BE093566.D

(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul m *SJ* *8/8/17*

response 20513

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.21#
80.00	11.80	7.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

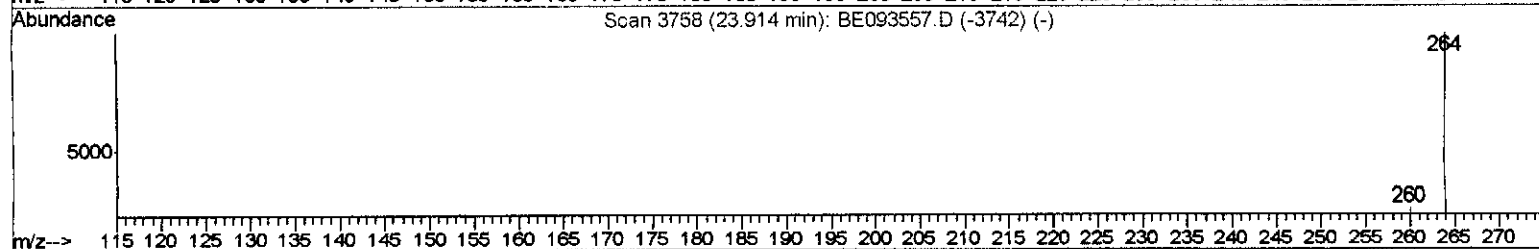
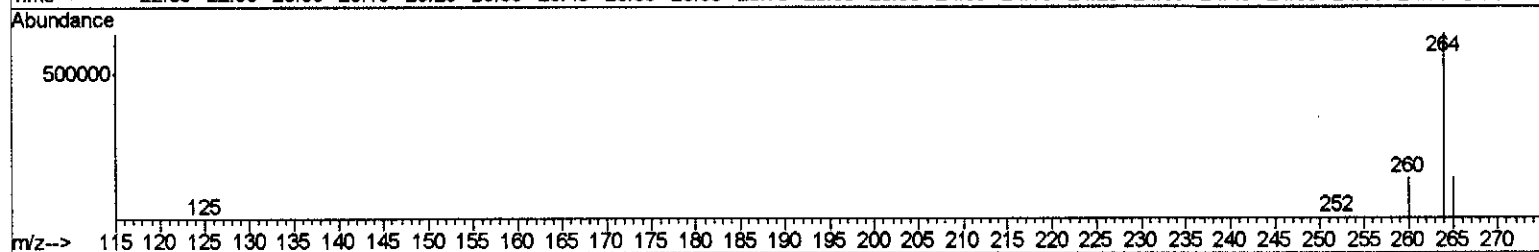
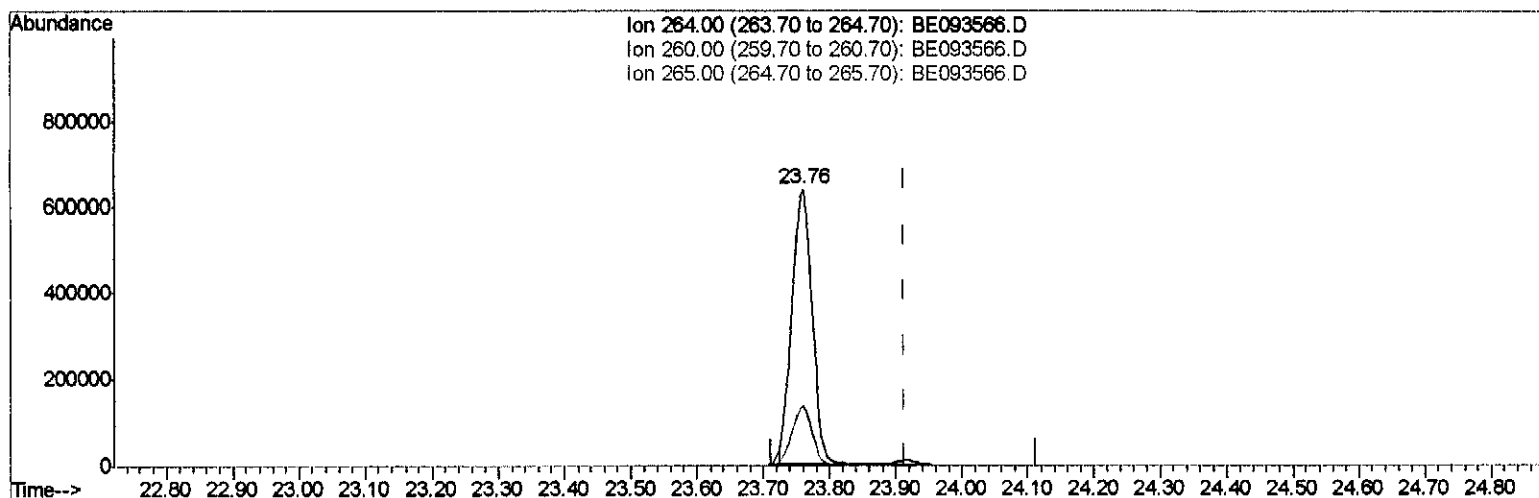
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:10 PM

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TIC: BE093566.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ul

response 1341100

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.09#
265.00	103.50	21.62#
0.00	0.00	0.00

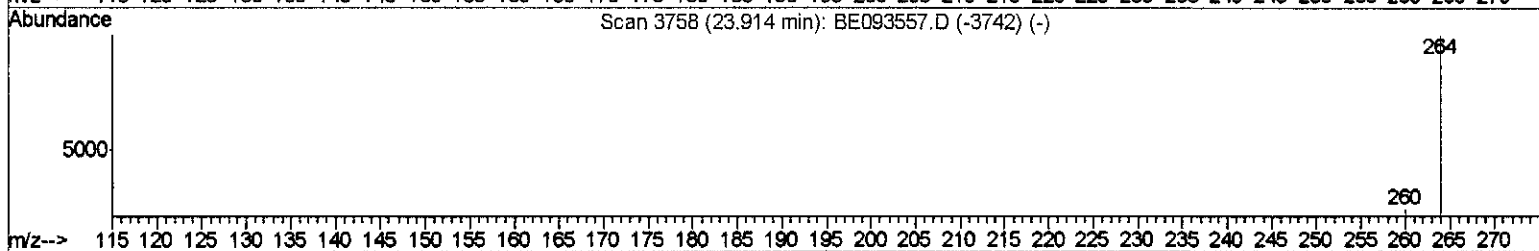
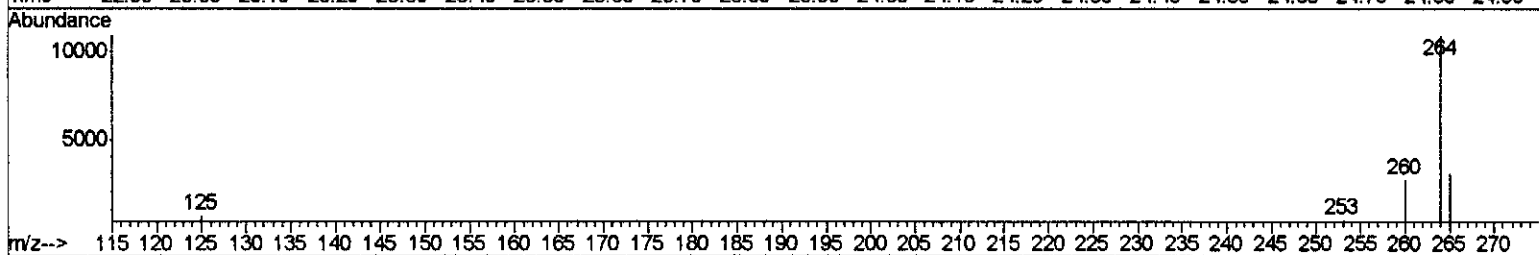
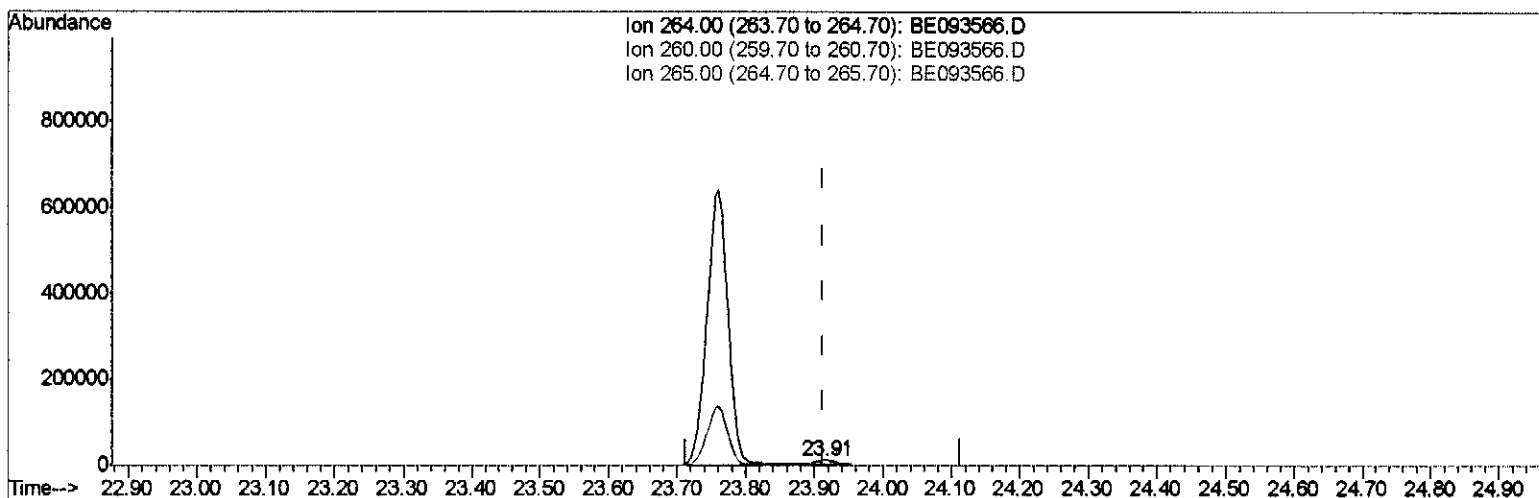
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093566.D
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Sample : I4209-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B08

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:10 PM

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TIC: BE093566.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m

SJ 8/8/17

response 19174

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.38
265.00	103.50	27.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

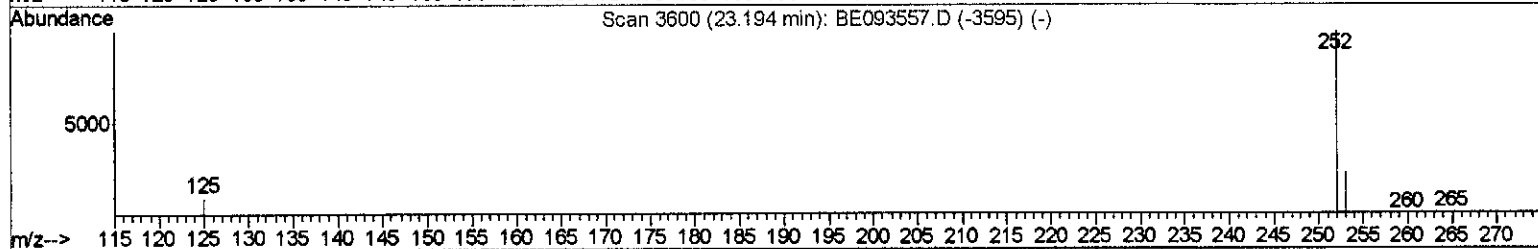
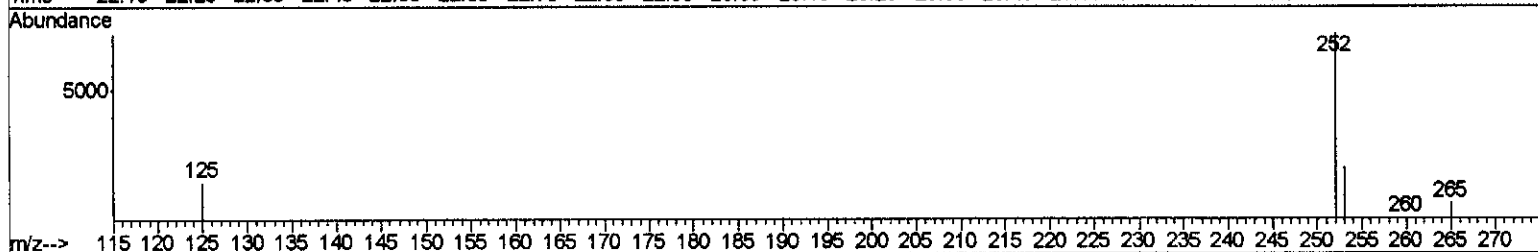
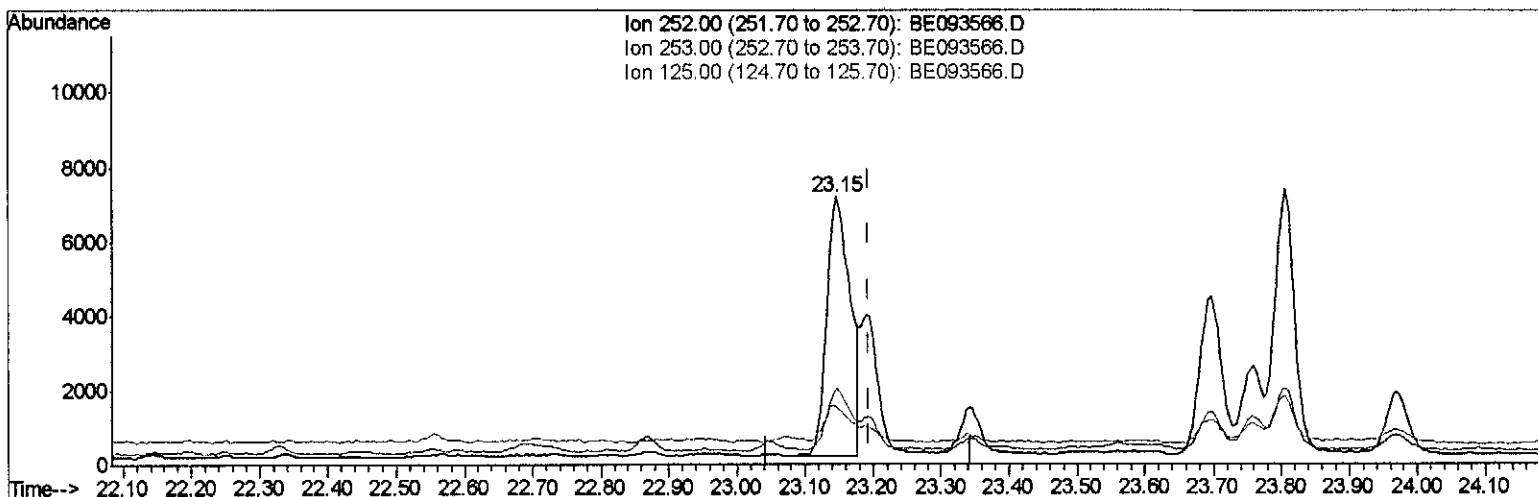
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093566.D
 Acq On : 25 Jul 2017 8:13
 Operator : SJ/JU
 Sample : I4209-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:10 PM

Quant Time: Jul 25 12:01:28 2017
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(22) Benzo(k)fluoranthene
 23.145min (-0.049) 0.29ng/ui
 response 17049

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.62
125.00	17.10	21.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

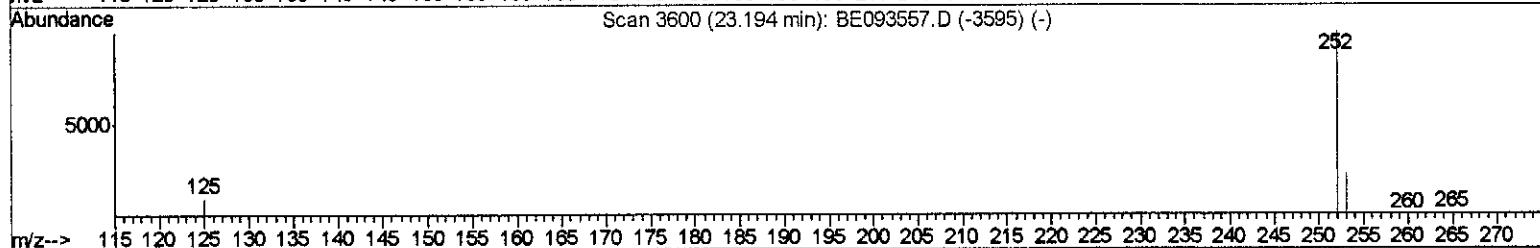
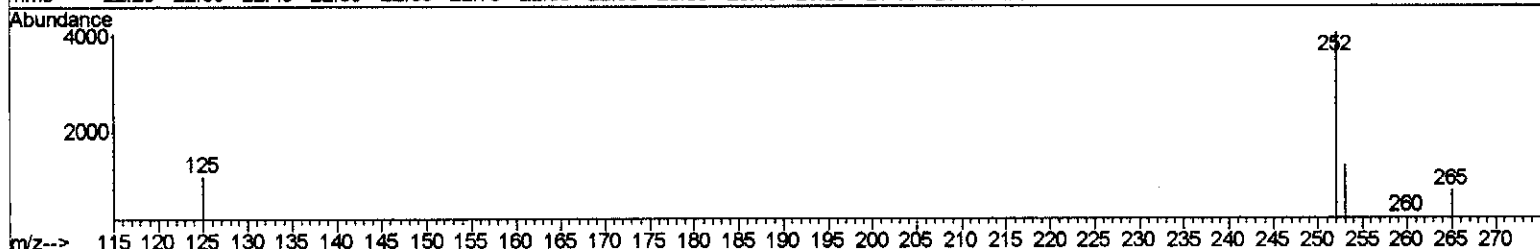
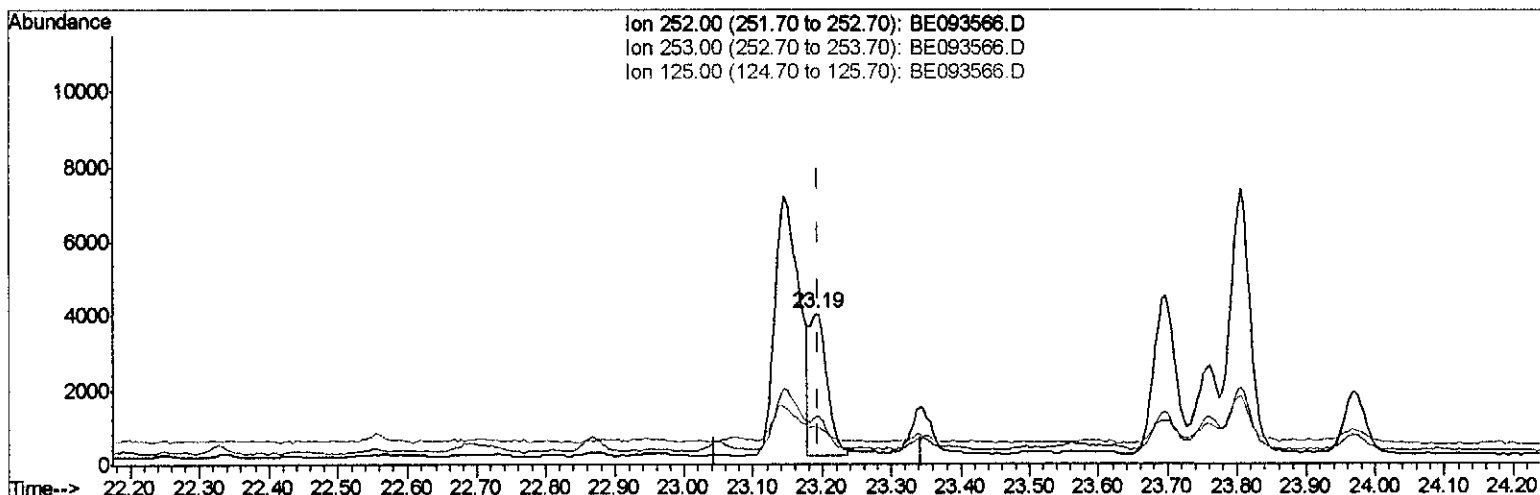
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Acq On : 25 Jul 2017 8:13
Operator : SJ/JU
Sample : I4209-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B08

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:10 PM

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TIC: BE093566.D

(22) Benzo(k)fluoranthene

23.191min (-0.004) 0.11ng/ul m SJ 8/8/17

response 6685

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.46
125.00	17.10	25.14#
0.00	0.00	0.00

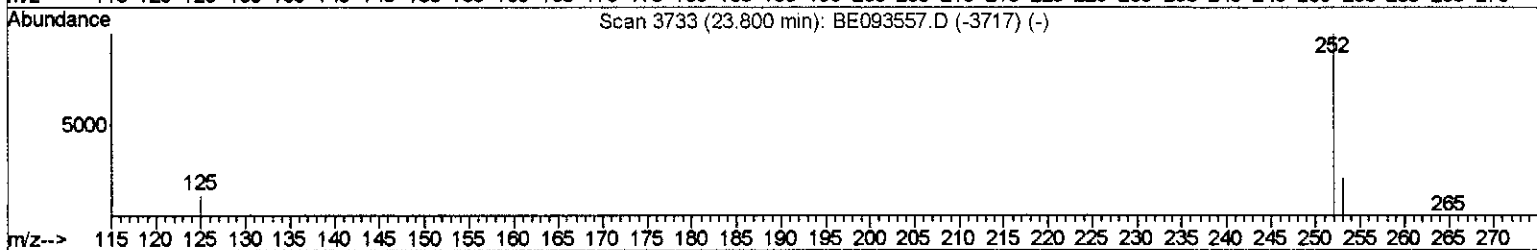
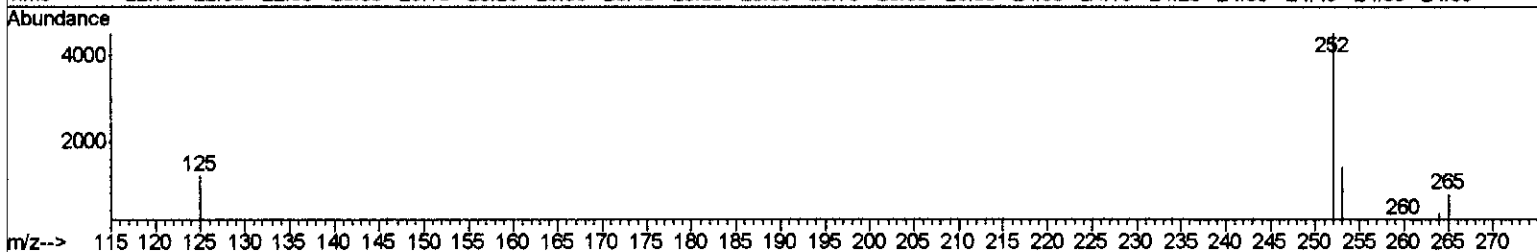
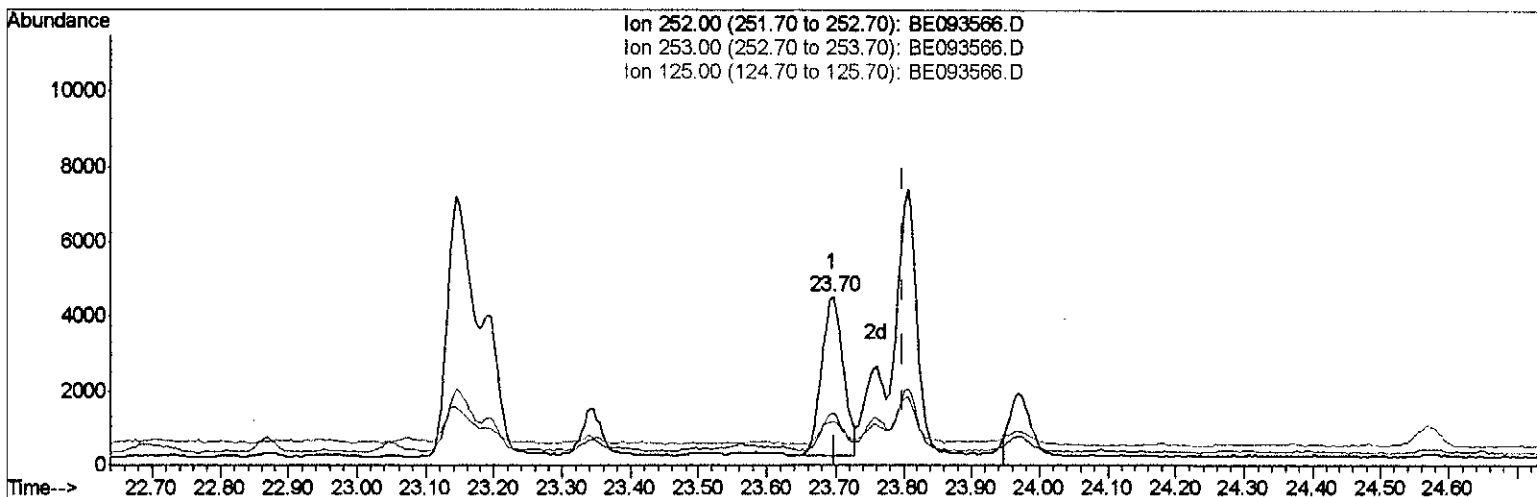
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093566.D
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Operator : SJ/JU
Sample : I4209-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B08

Manual Integrations
APPROVED

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TIC: BE093566.D

(23) Benzo(a)pyrene (C)

23.696min (-0.104) 0.17ng/ul

response 9462

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.29
125.00	22.60	26.33
0.00	0.00	0.00

Quantitation Report (Qedit)

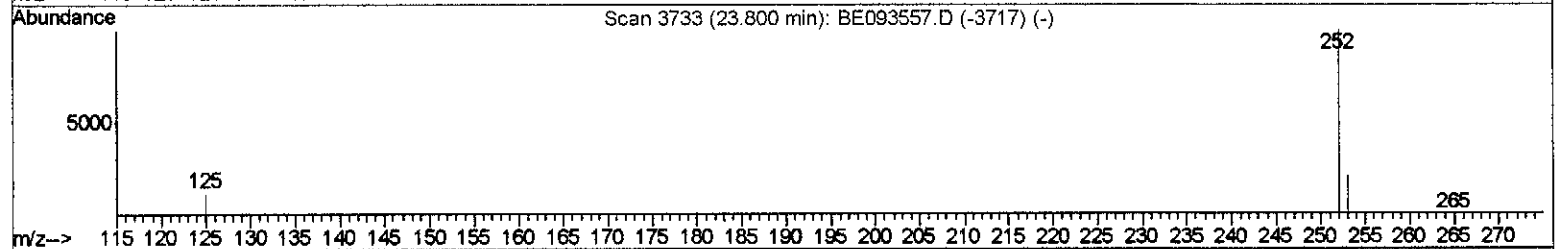
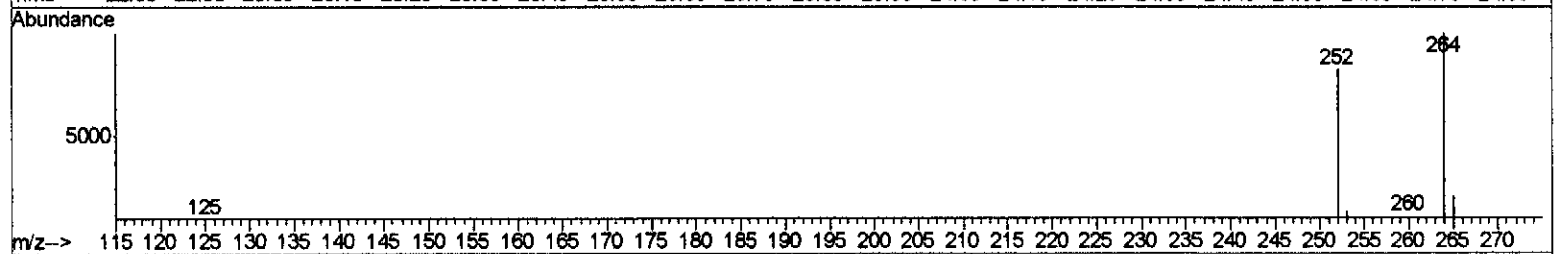
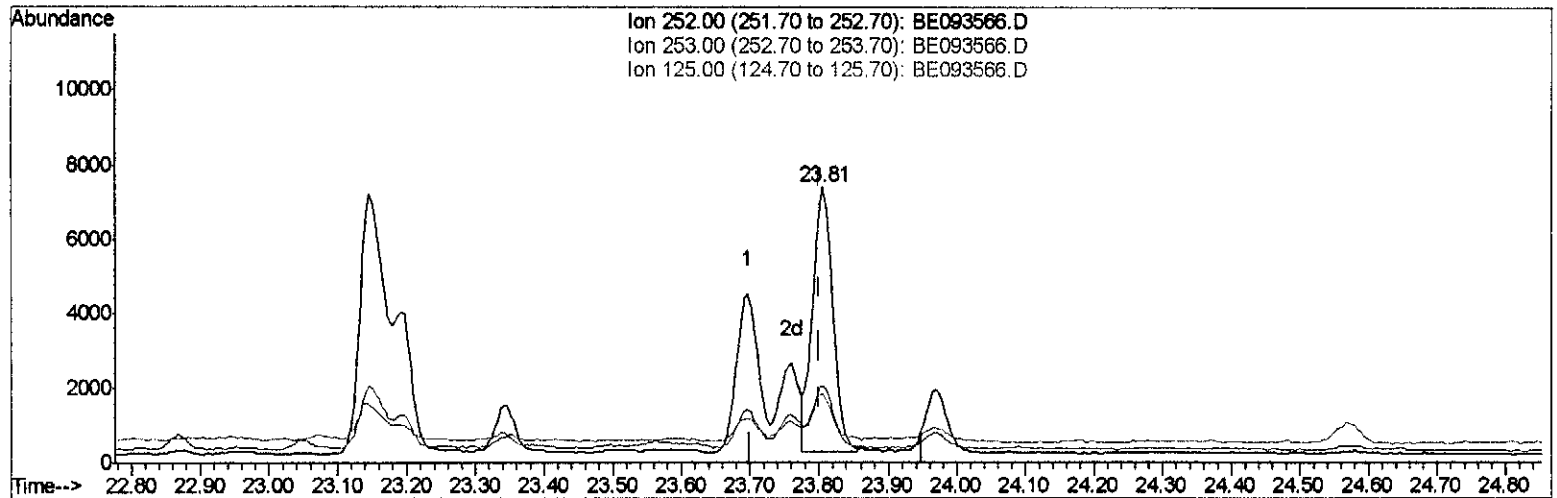
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093566.D
 Acq On : 25 Jul 2017 8:13
 Operator : SJ/JU
 Sample : I4209-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B08

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:10 PM

Quant Time: Jul 25 12:01:28 2017
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TIC: BE093566.D

(23) Benzo(a)pyrene (C)

23.805min (+0.005) 0.25ng/ul m

response 14352

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.89#
125.00	22.60	24.89
0.00	0.00	0.00

SJ
 8/8/17

Quantitation Report (Qedit)

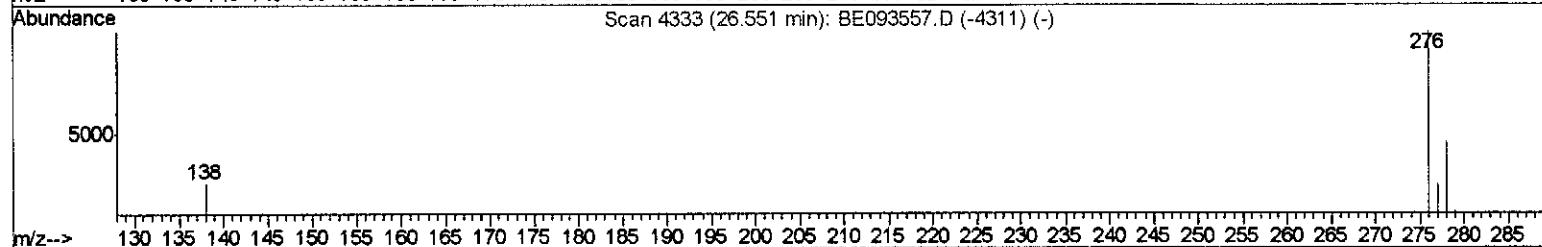
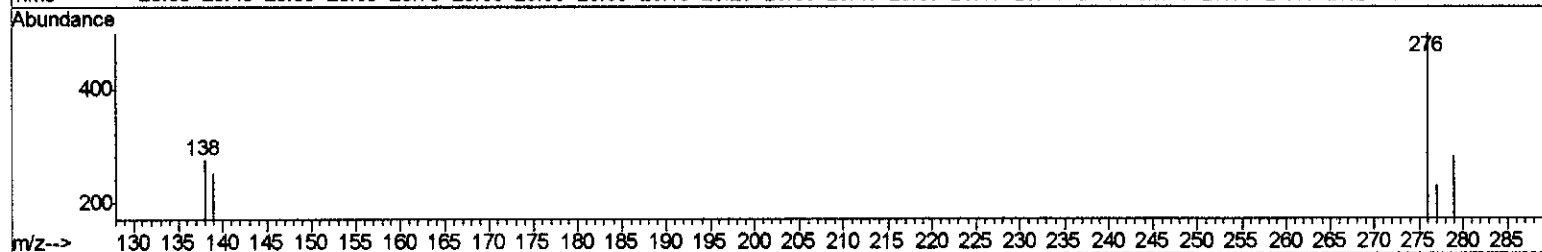
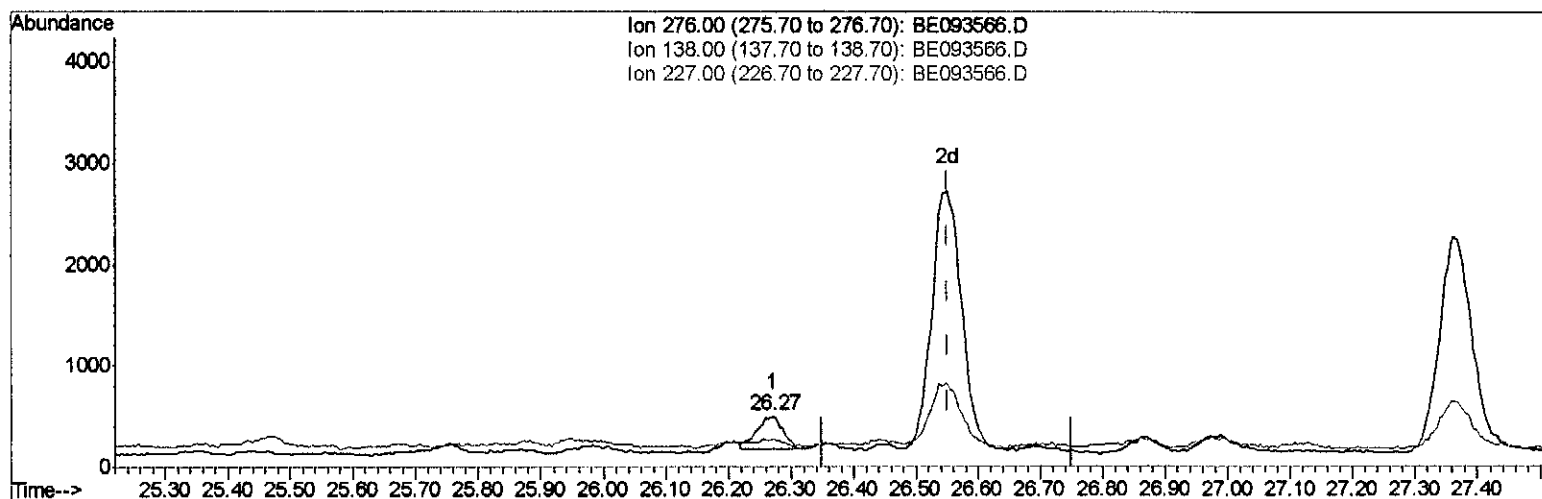
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093566.D
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Operator : SJ/JU
Sample : I4209-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BE093566.D

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

26.273min (-0.279) 0.02ng/ul

response 954

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.34#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

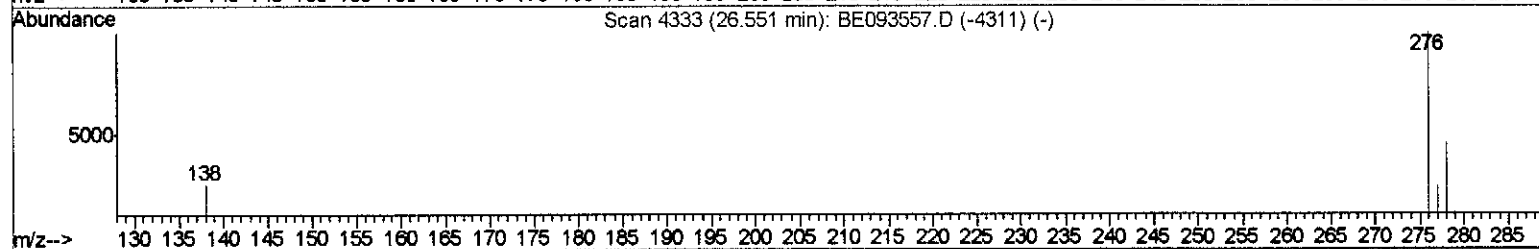
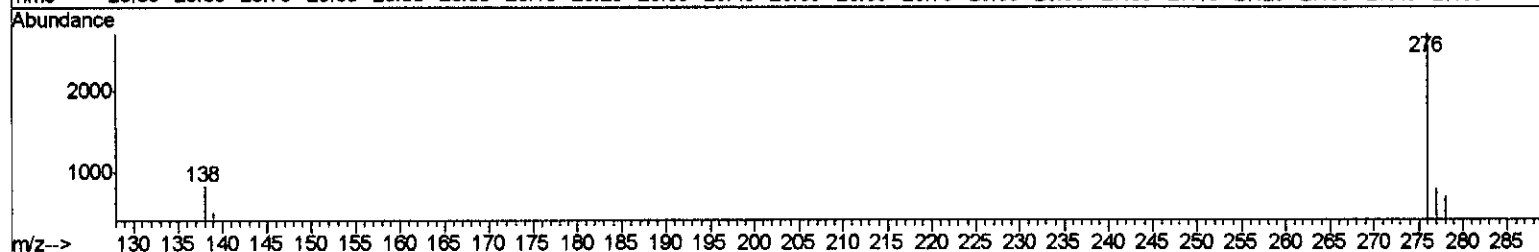
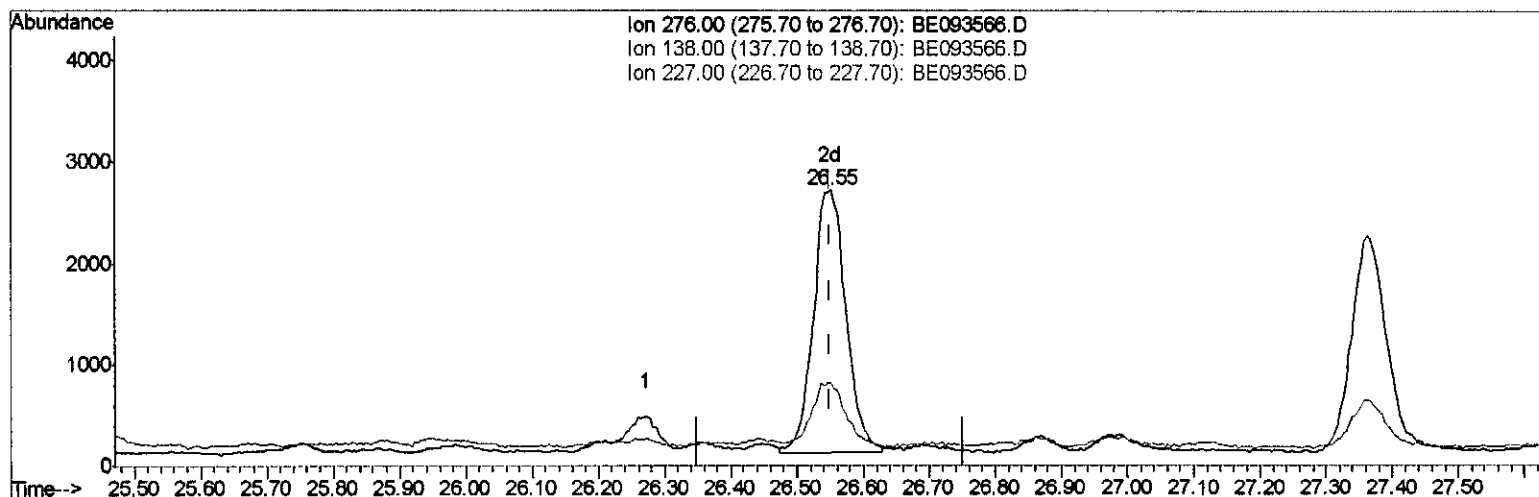
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TIC: BE093566.D

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

26.551min (-0.001) 0.14ng/ul m

response 8858

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.98#
227.00	10.00	0.00#
0.00	0.00	0.00

SJ
 8/3/17

Quantitation Report (Qedit)

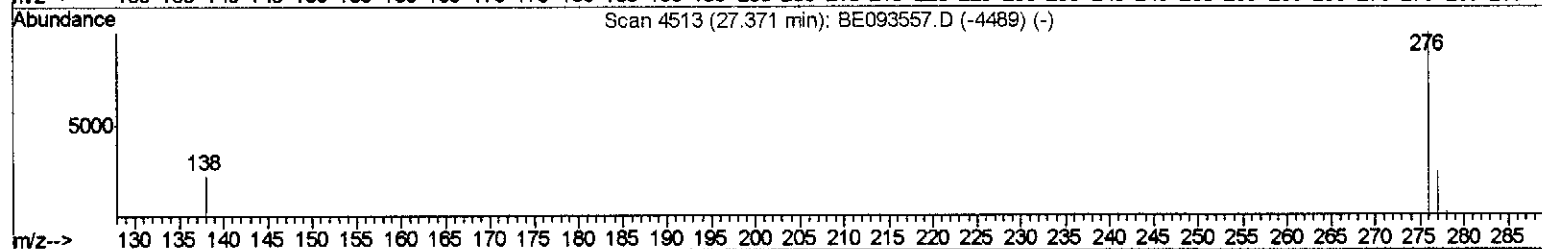
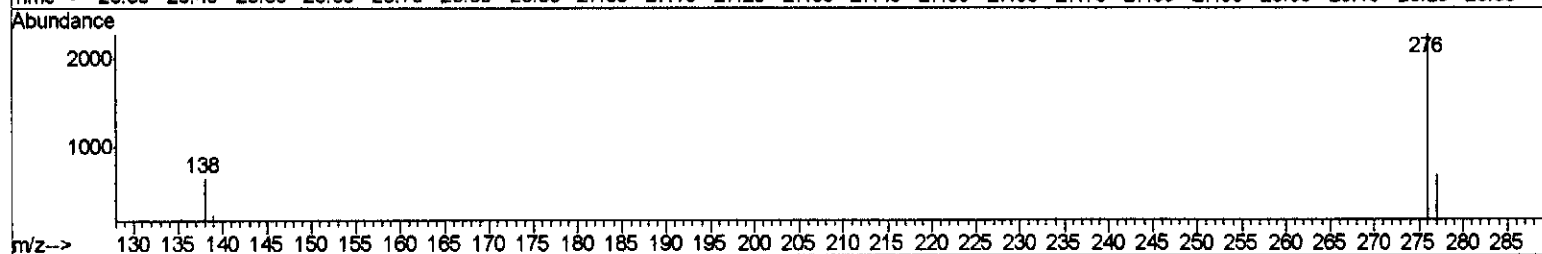
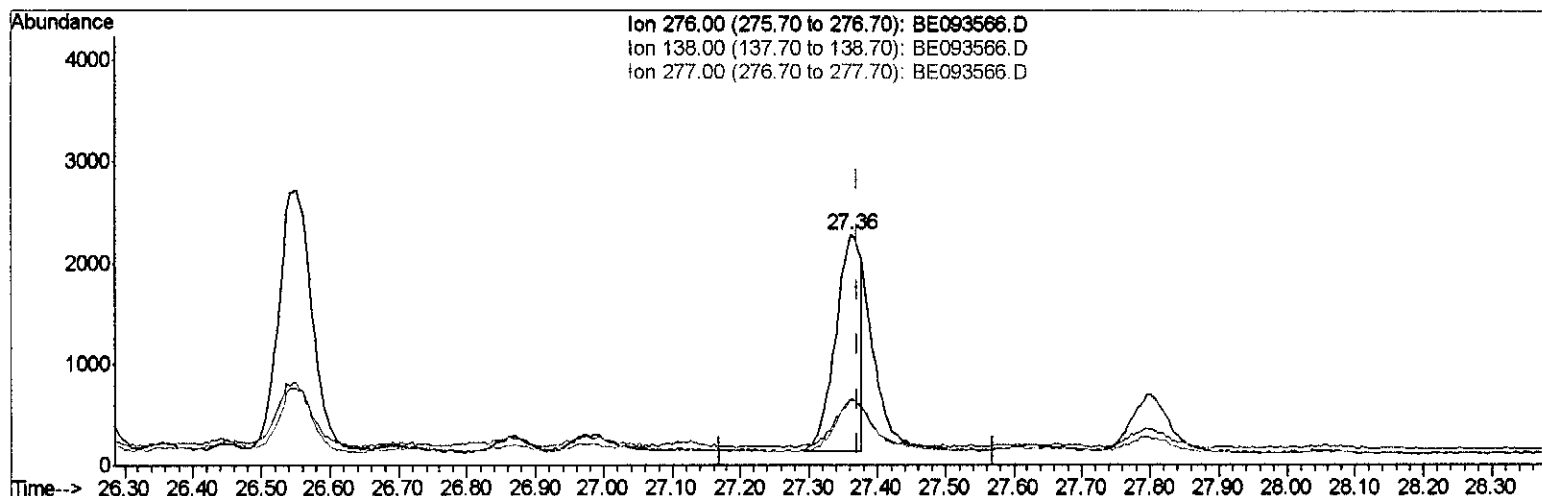
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TIC: BE093566.D

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

27.362min (-0.010) 0.10ng/ul

response 5421

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.36
277.00	25.60	29.32
0.00	0.00	0.00

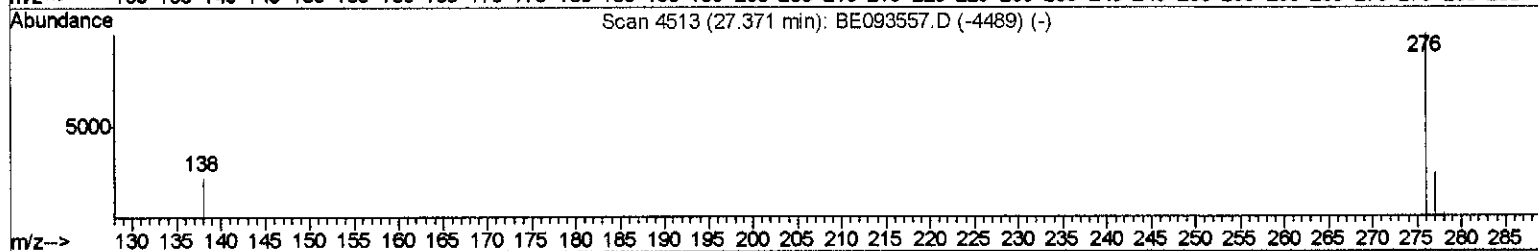
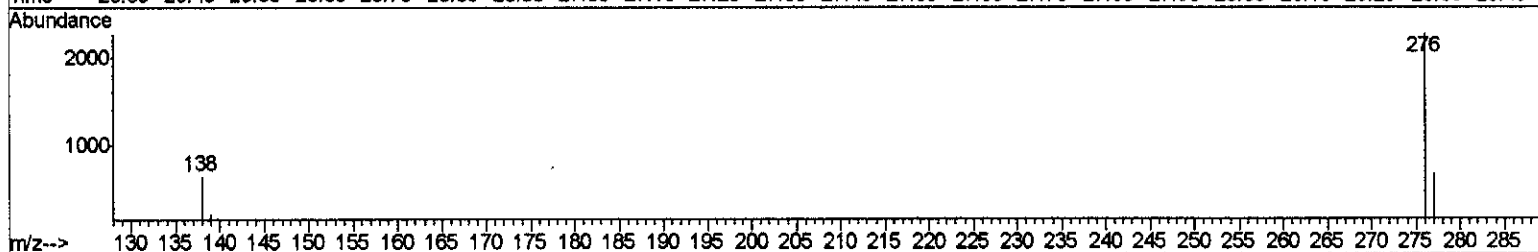
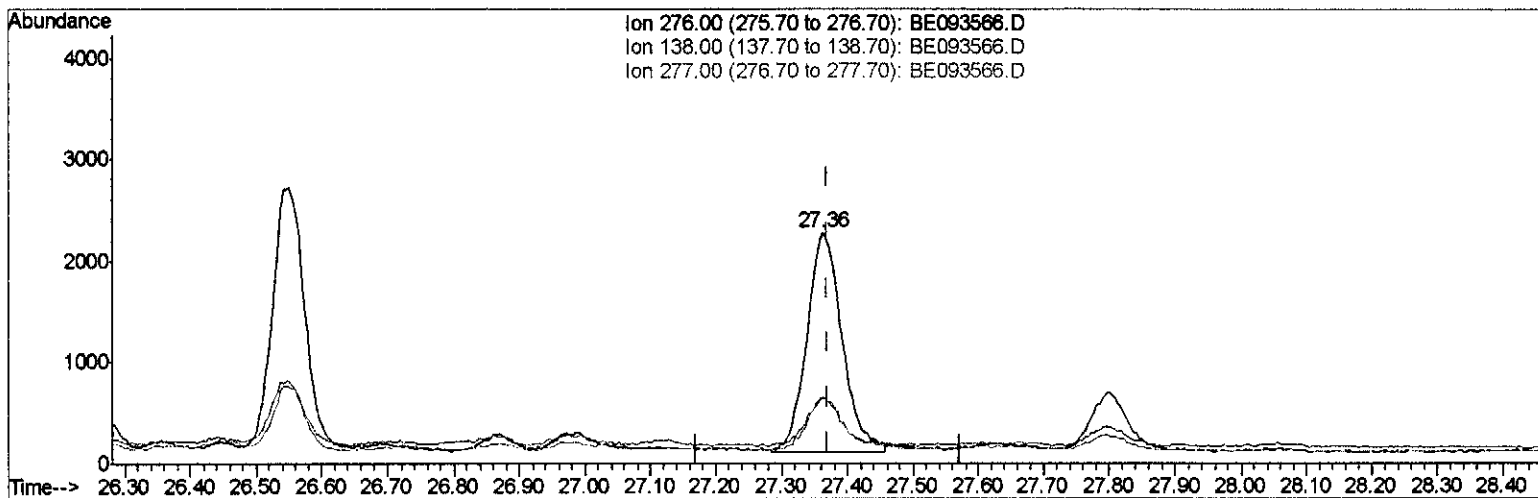
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ClientSampled :
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TIC: BE093566.D

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

27.362min (-0.010) 0.15ng/ul m

response 8085

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	28.36
277.00	25.60	29.32
0.00	0.00	0.00

SJ
8/8/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2260	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12103	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8019	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20513m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23046	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19174m	0.40	ng/ul	0.00

SJ 8/1/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.29	152	4631	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	17302	0.27	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1317	0.045	ng/ul#	89
12) Phenanthrene	17.29	178	4013	0.072	ng/ul#	89
15) Fluoranthene	19.31	202	11319	0.162	ng/ul	84
17) Pyrene	19.67	202	14116	0.210	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	10607	0.159	ng/ul#	91
19) Chrysene	21.45	228	11188	0.175	ng/ul#	93
21) Benzo(b)fluoranthene	23.15	252	17049	0.287	ng/ul	93
22) Benzo(k)fluoranthene	23.19	252	6685m	0.114	ng/ul	
23) Benzo(a)pyrene	23.81	252	14352m	0.254	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	8858m	0.142	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	8085m	0.154	ng/ul	

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