

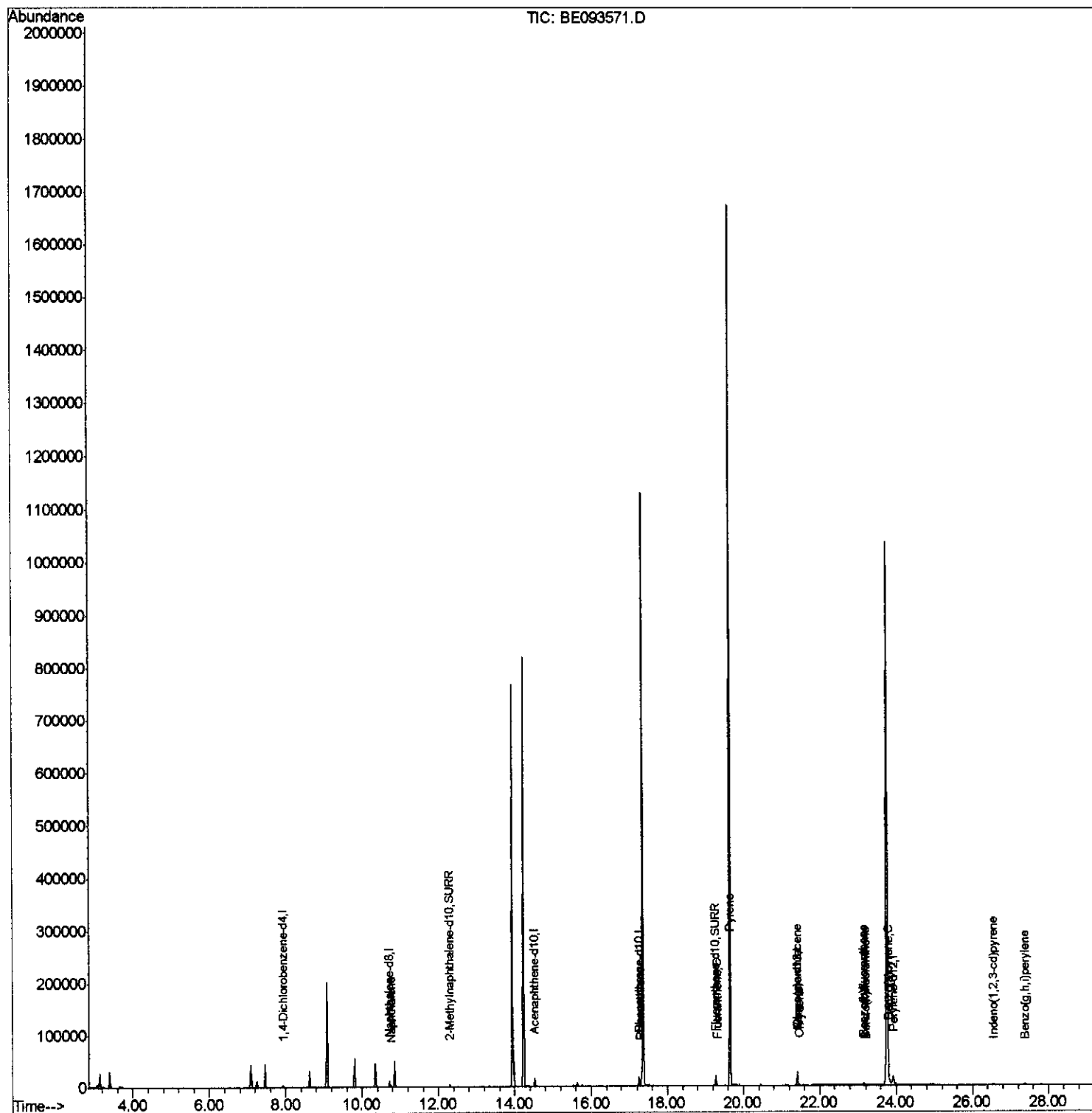
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
Acq On : 25 Jul 2017 11:15
Operator : SJ/JU
Sample : I4209-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
C0B14

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:06:49 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



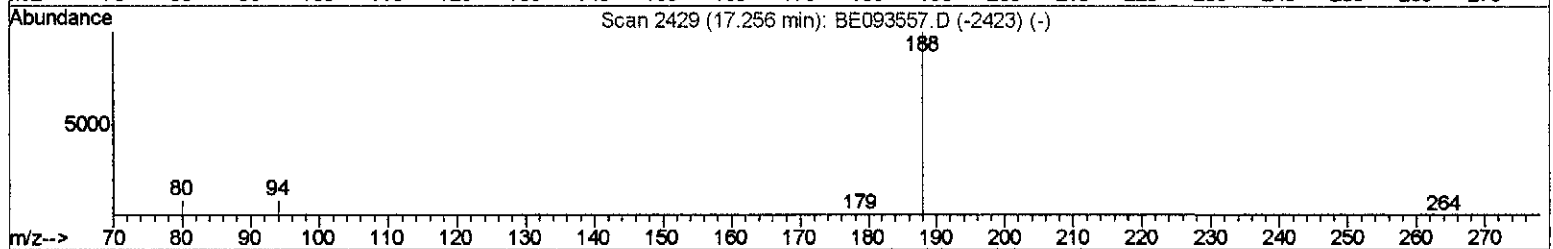
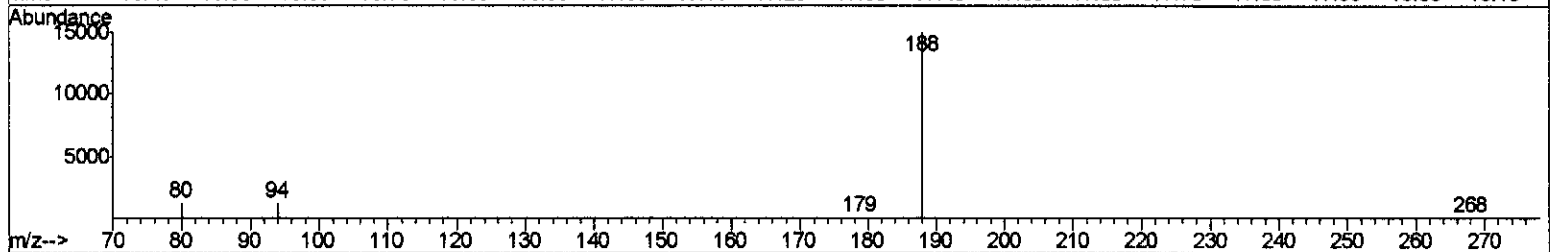
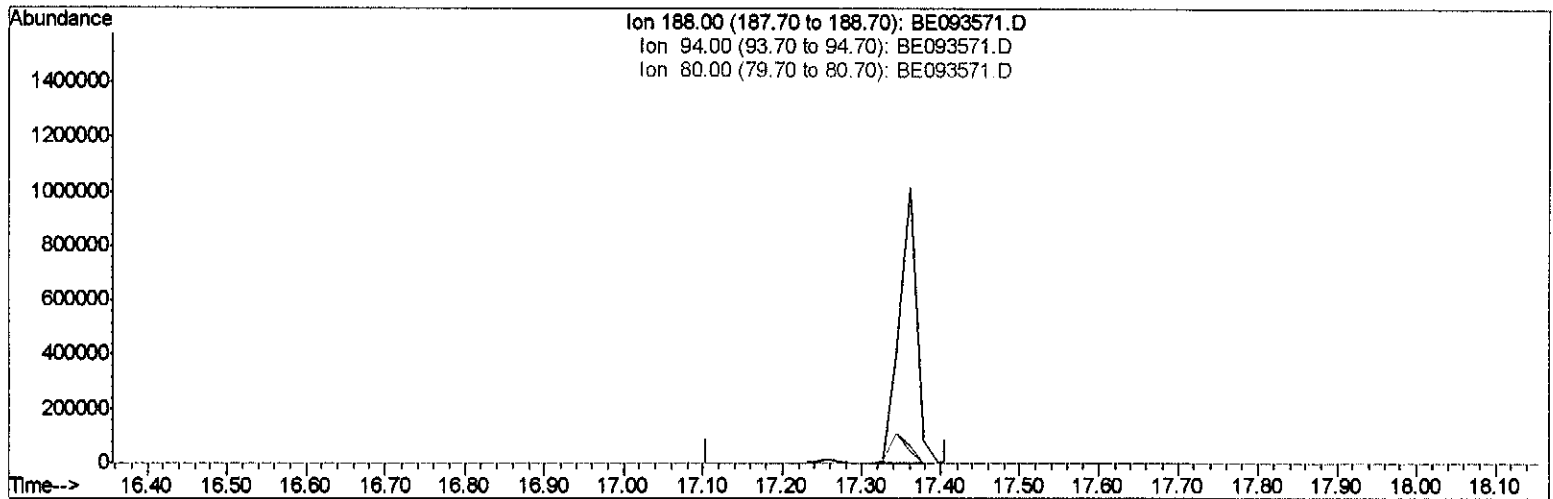
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
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Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:01:12 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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TIC: BE093571.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

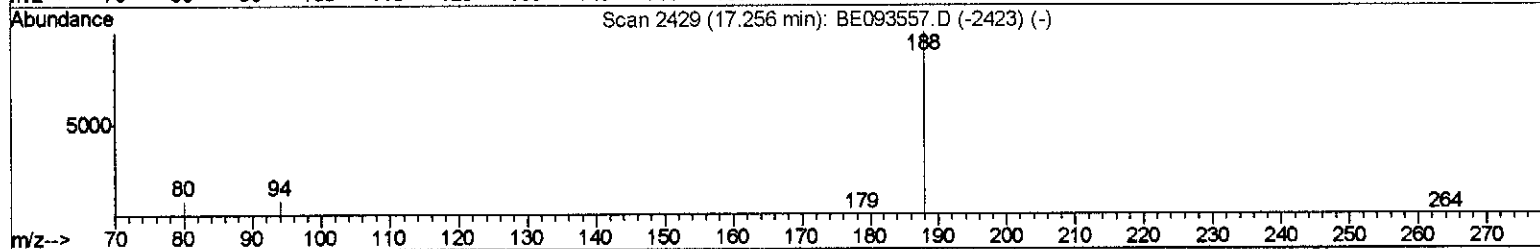
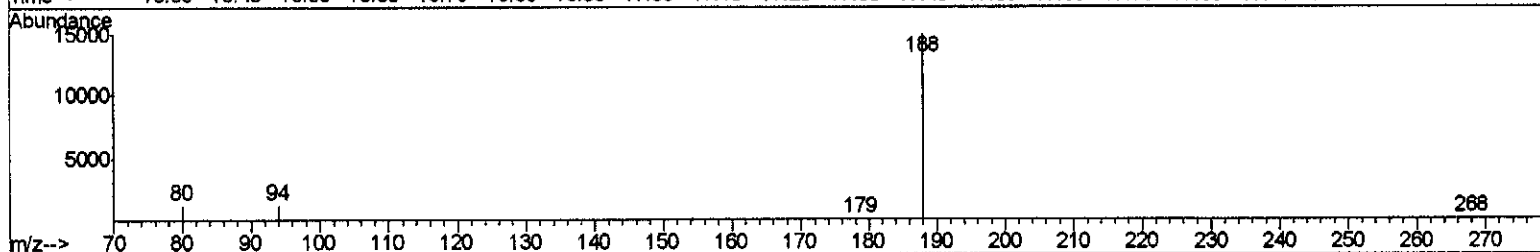
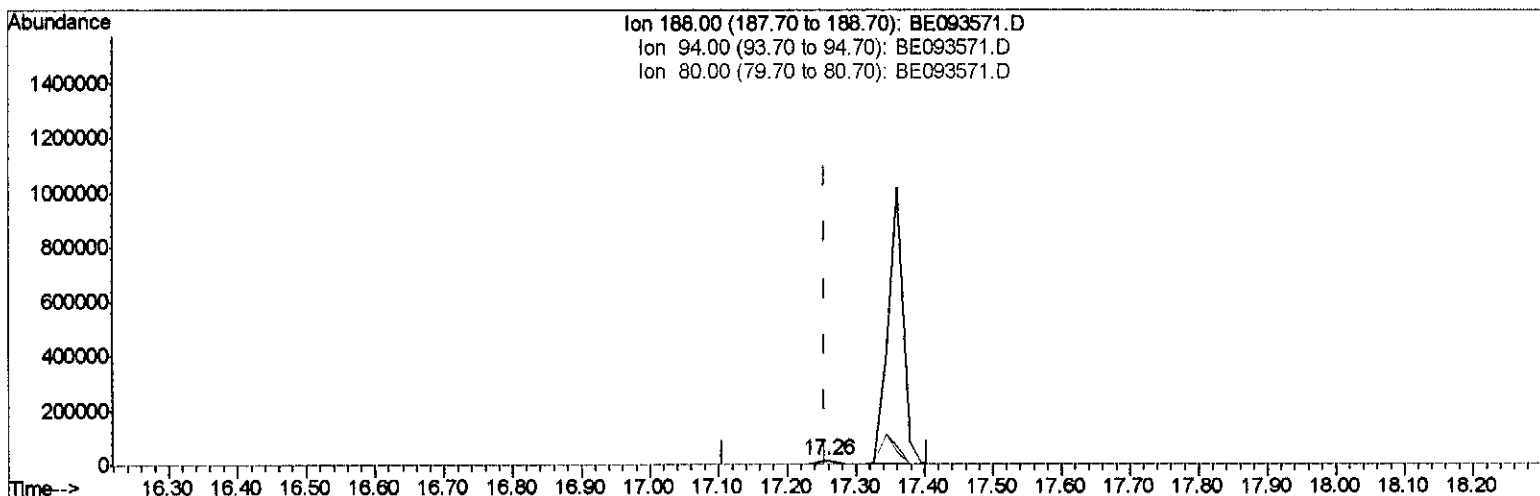
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
Acq On : 25 Jul 2017 11:15
Operator : SJ/JU
Sample : I4209-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B14

Manual Integrations
APPROVED

Sohil
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Quant Time: Jul 25 13:01:12 2017
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TIC: BE093571.D

(10) Phenanthrene-d10 (l)

17.257min (+0.001) 0.40ng/ul m

SJ 8/1/17

response 21487

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.12#
80.00	11.80	7.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

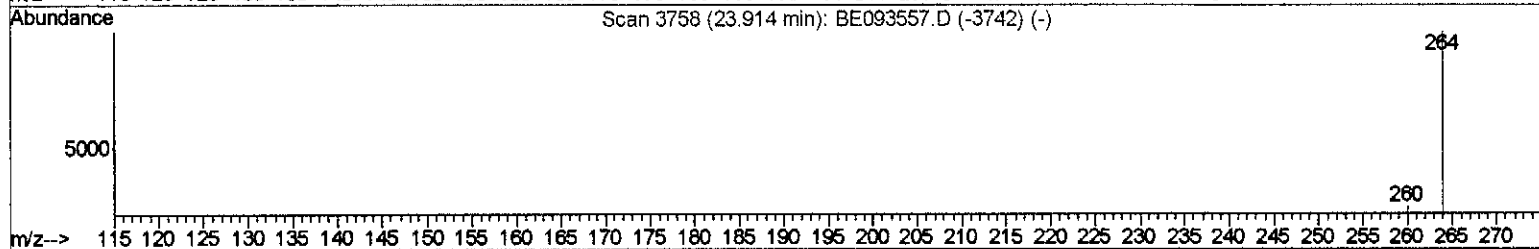
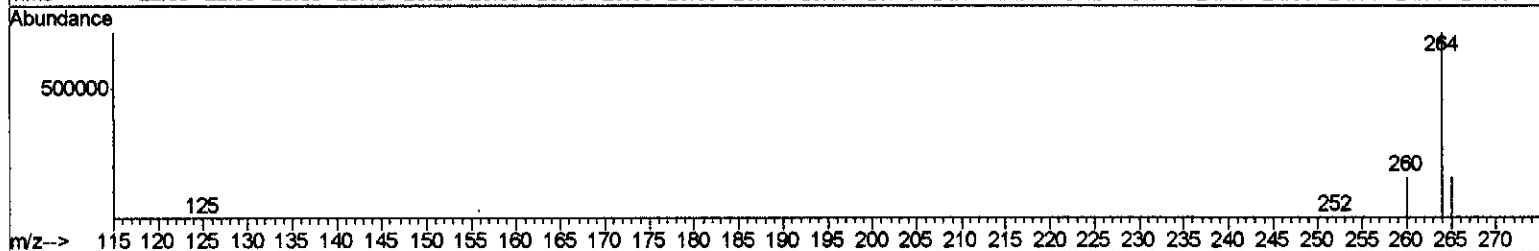
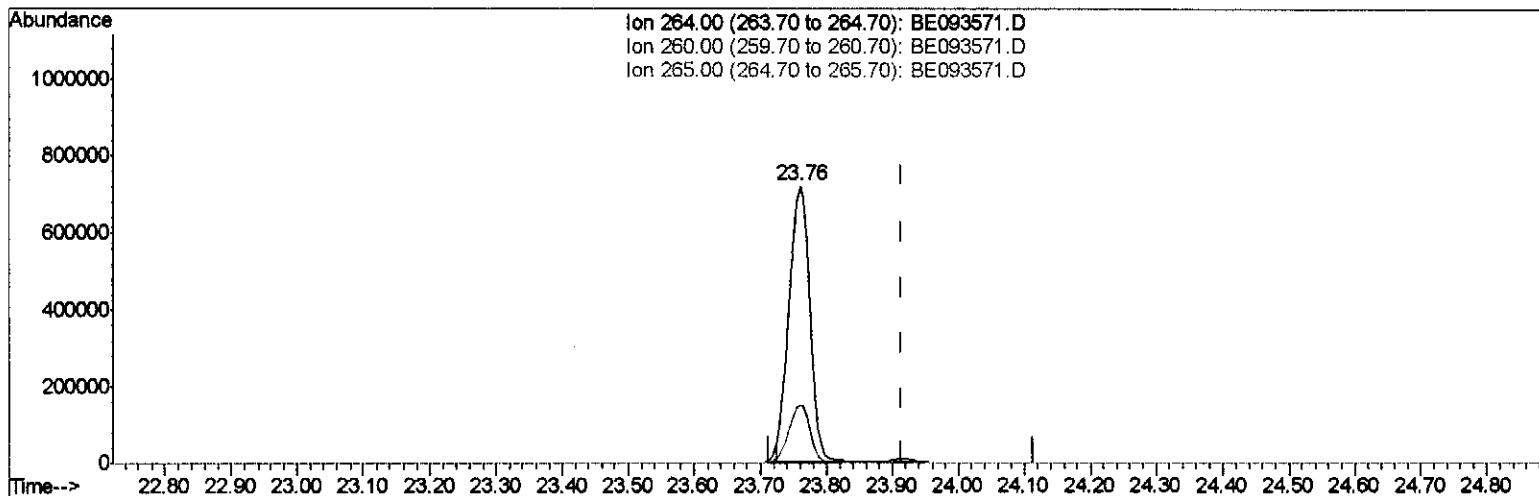
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093571.D
 Acq On : 25 Jul 2017 11:15
 Operator : SJ/JU
 Sample : I4209-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B14

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:02:38 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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TIC: BE093571.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ul

response 1569793

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.43#
265.00	103.50	21.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

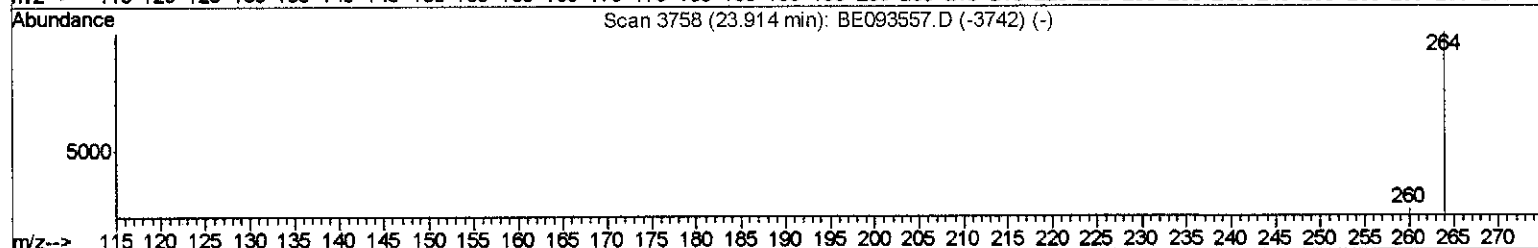
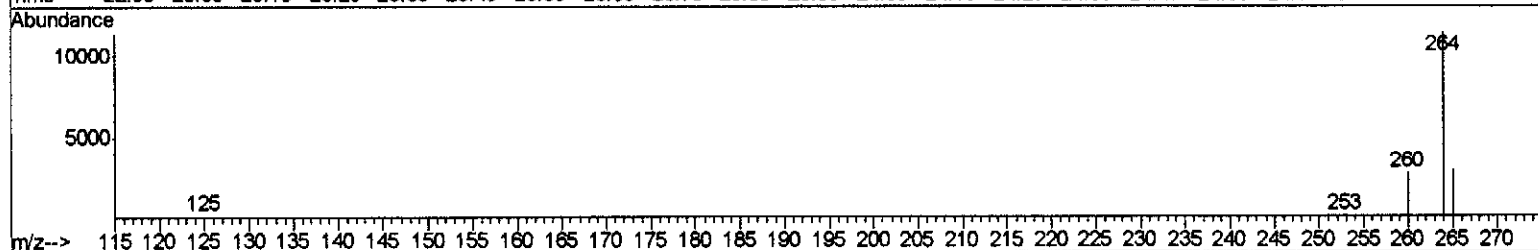
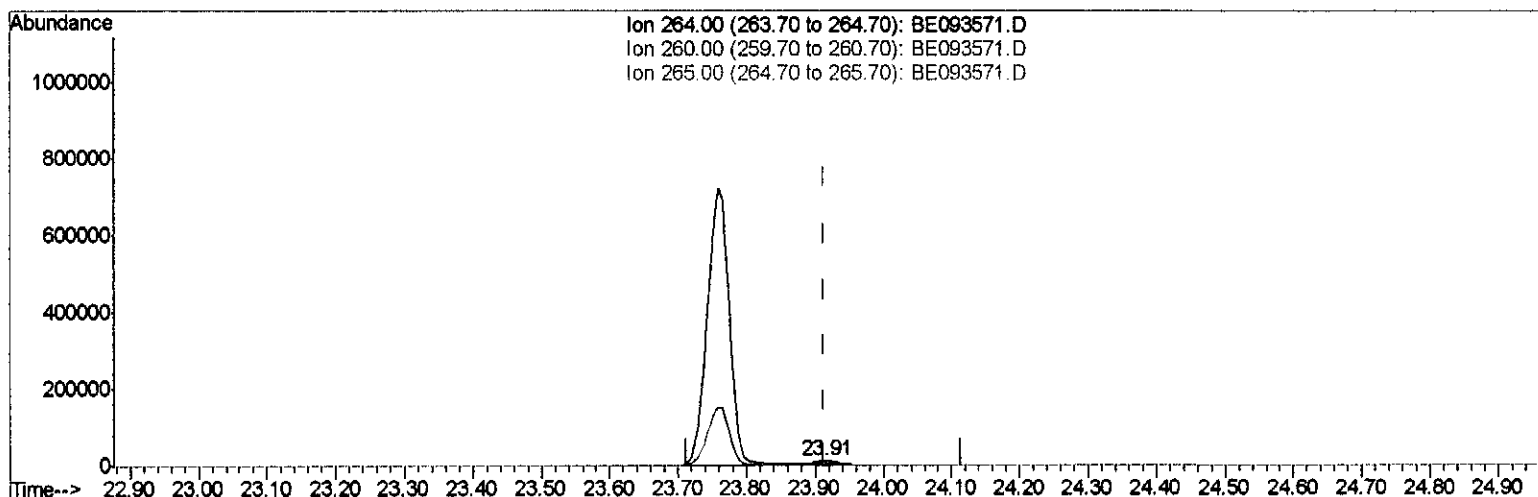
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093571.D
 Acq On : 25 Jul 2017 11:15
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 Sample : I4209-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B14

Manual Integrations
 APPROVED

Sohil
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Quant Time: Jul 25 13:02:38 2017
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TIC: BE093571.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m

SJ & HIA

response 19295

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.38
265.00	103.50	26.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

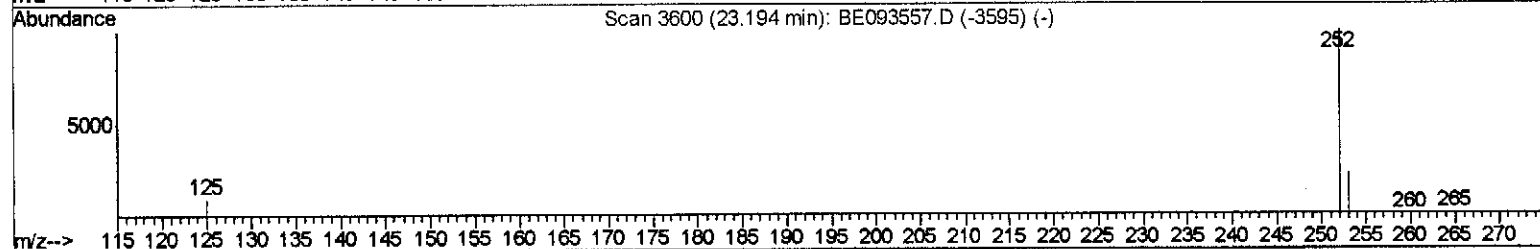
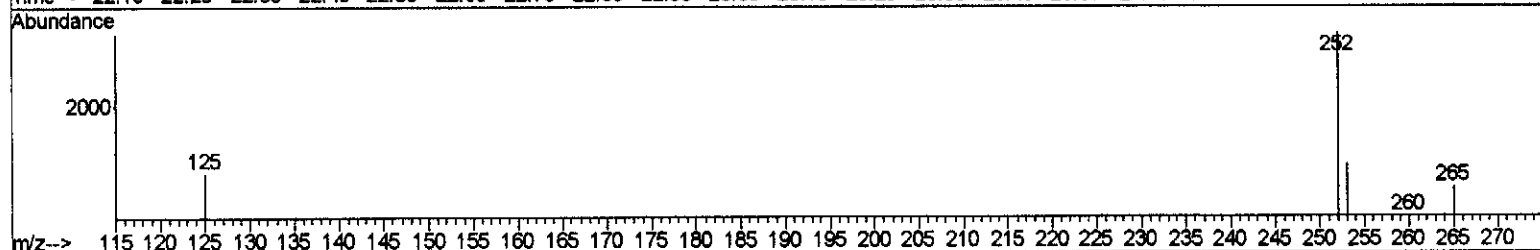
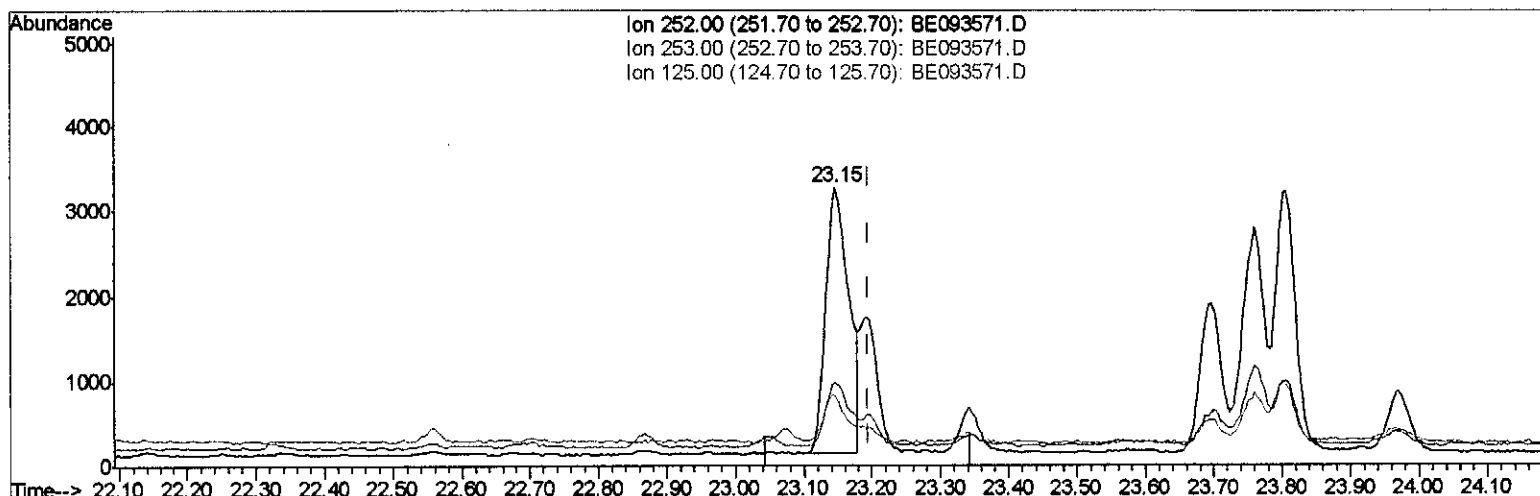
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093571.D
 Acq On : 25 Jul 2017 11:15
 Operator : SJ/JU
 Sample : I4209-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B14

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:04:46 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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TIC: BE093571.D

(22) Benzo(k)fluoranthene

23.145min (-0.049) 0.13ng/ul

response 7463

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.88
125.00	17.10	25.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

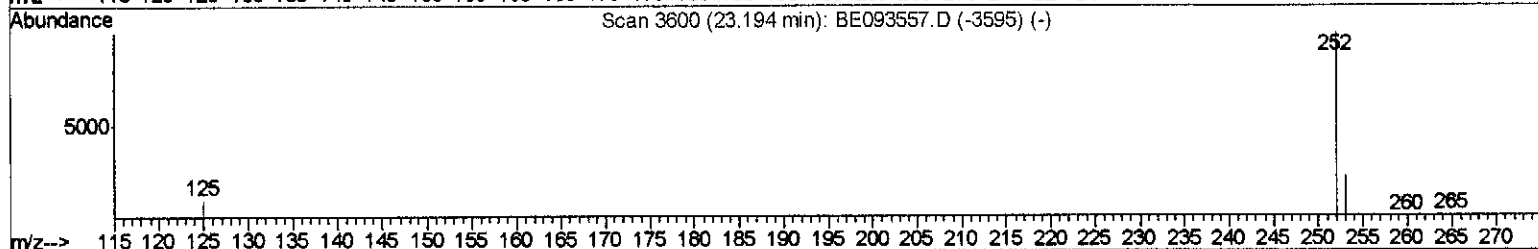
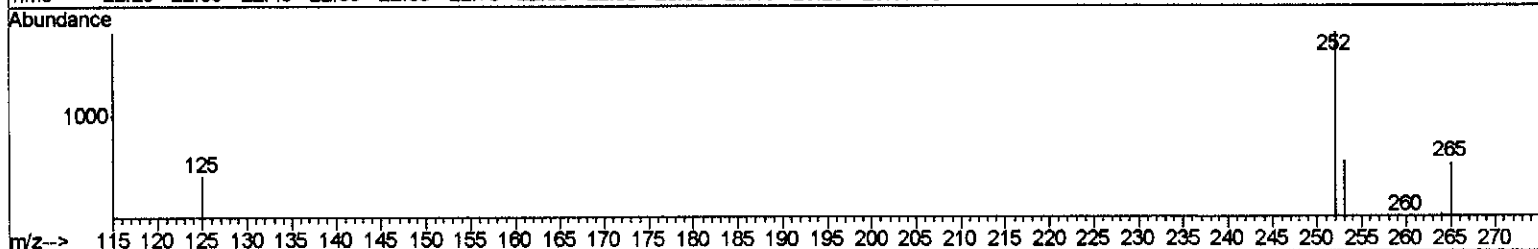
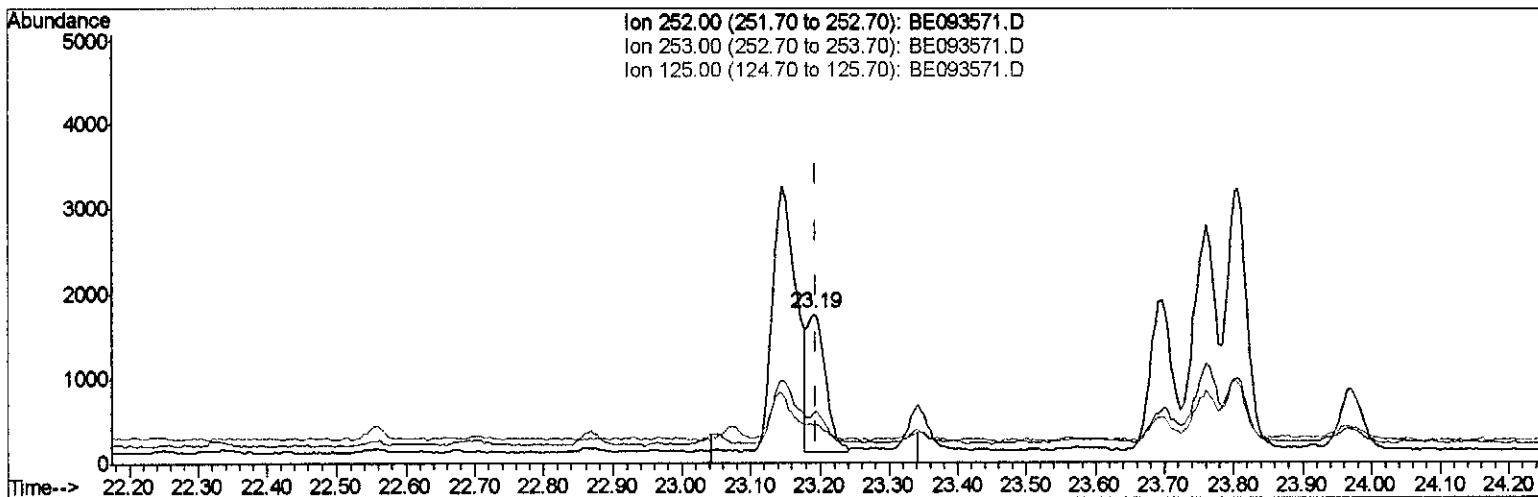
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
Acq On : 25 Jul 2017 11:15
Operator : SJ/JU
Sample : I4209-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B14

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:04:46 2017
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TIC: BE093571.D

(22) Benzo(k)fluoranthene

23.191min (-0.004) 0.05ng/ul m

SJ SJH

response 2987

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.54
125.00	17.10	25.46#
0.00	0.00	0.00

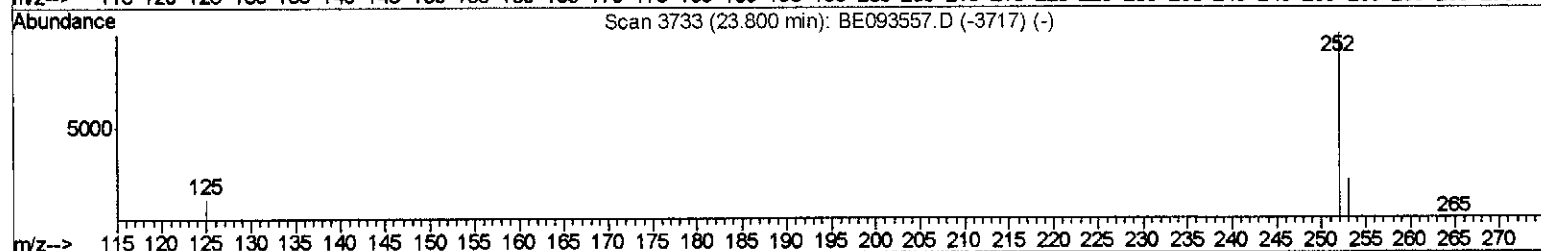
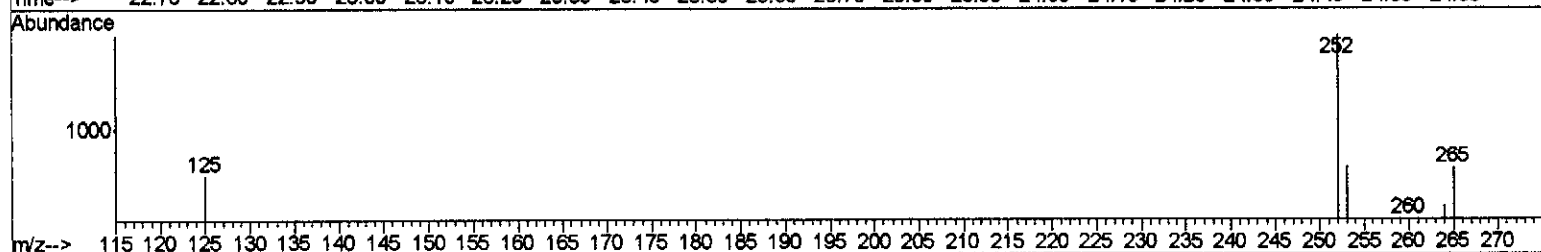
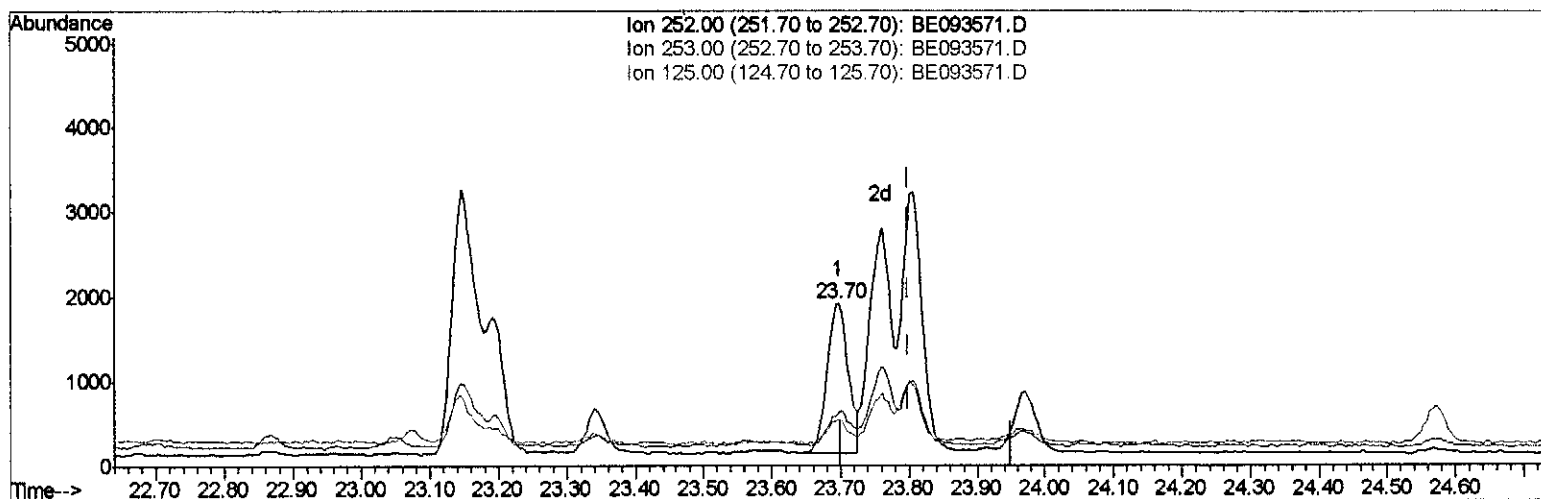
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
Acq On : 25 Jul 2017 11:15
Operator : SJ/JU
Sample : I4209-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B14

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:04:46 2017
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TIC: BE093571.D

(23) Benzo(a)pyrene (C)

23.696min (-0.104) 0.07ng/ui

response 3873

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	32.78
125.00	22.60	28.50#
0.00	0.00	0.00

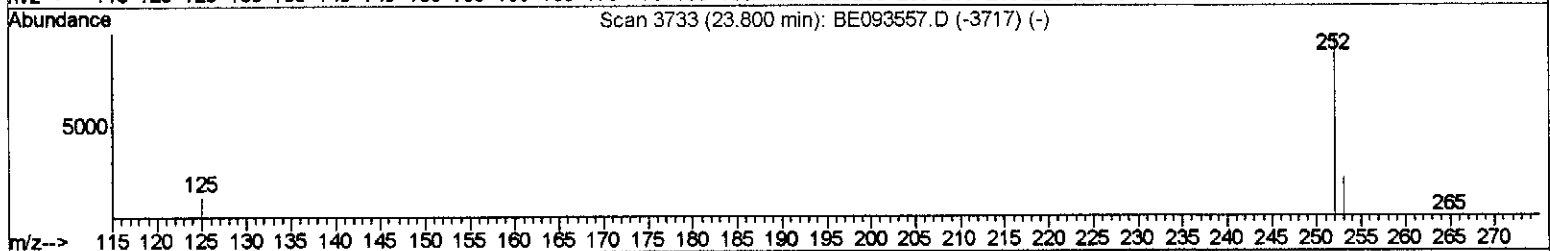
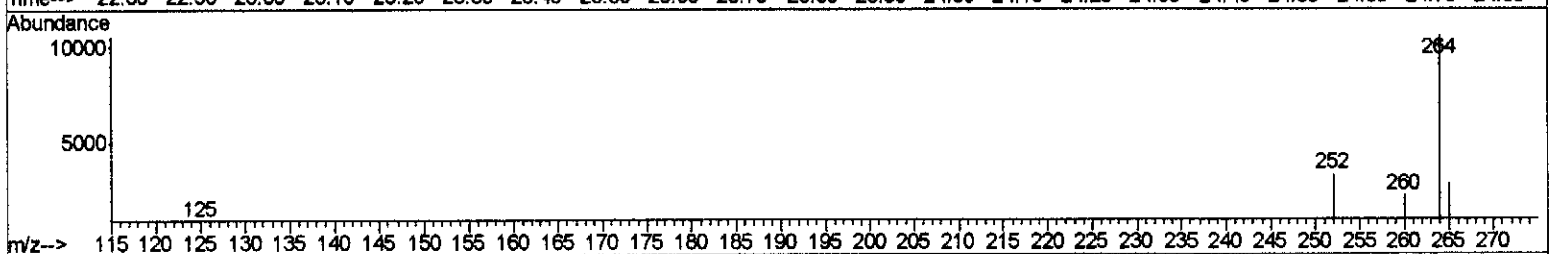
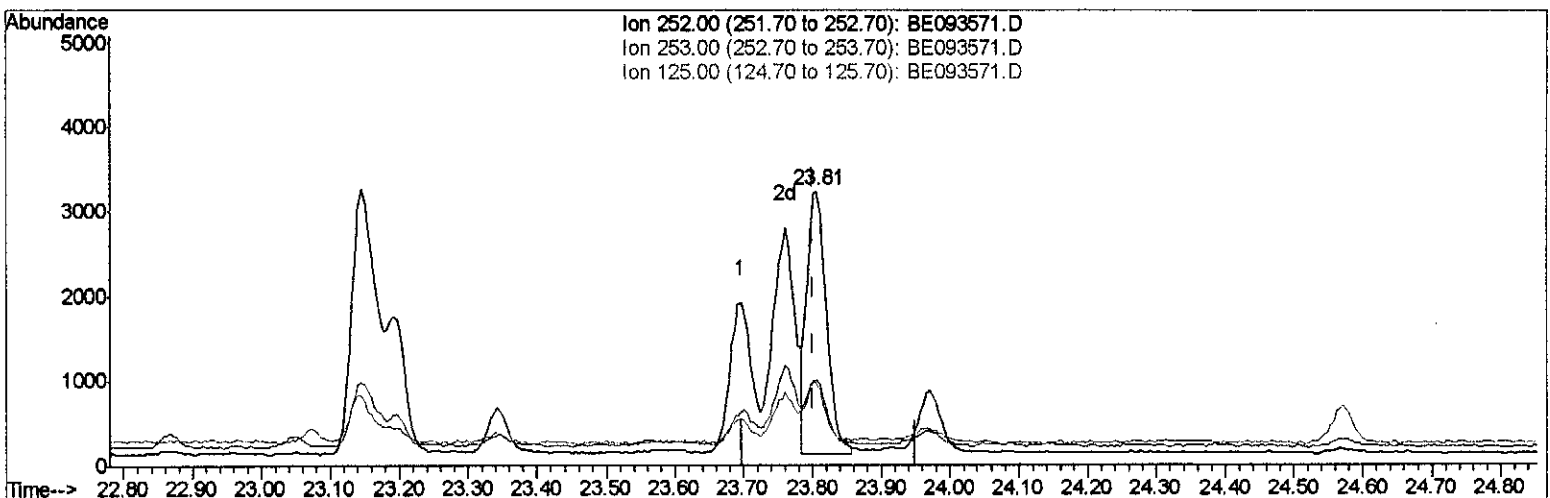
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093571.D
Acq On : 25 Jul 2017 11:15
Operator : SJ/JU
Sample : I4209-11
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B14

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:19 PM

Quant Time: Jul 25 13:04:46 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093571.D

(23) Benzo(a)pyrene (C)

23.806min (+0.006) 0.11ng/ul m

SJ 8/1/17

response 6125

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.10
125.00	22.60	29.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

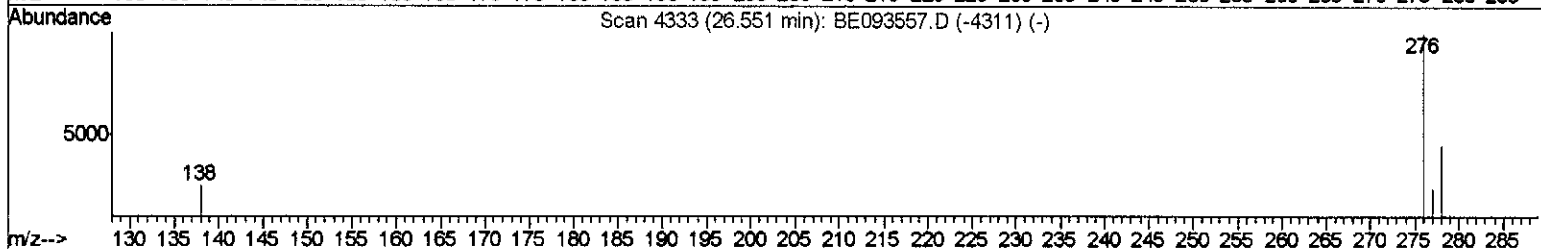
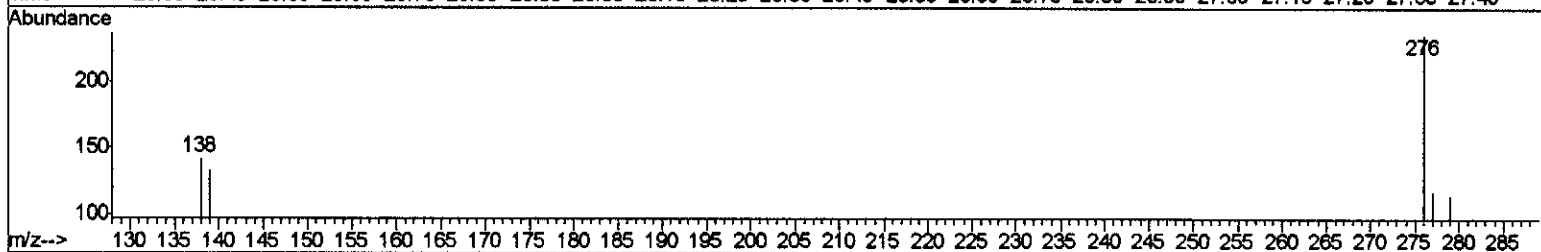
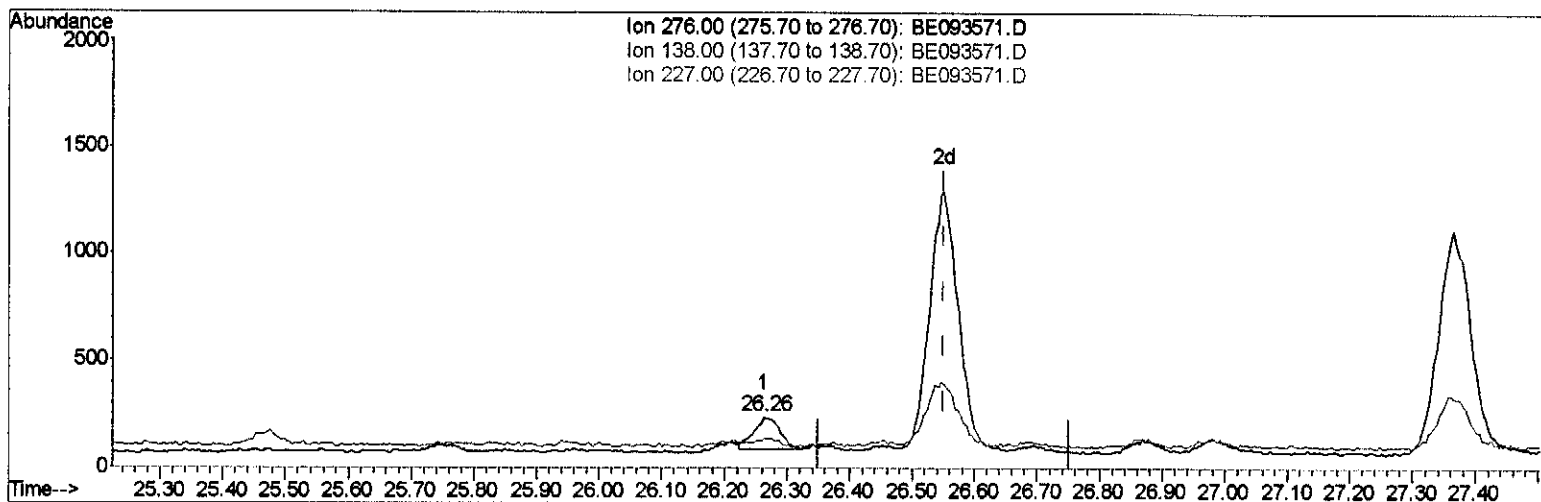
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 Operator : SJ/JU
 Sample : I4209-11
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B14

Manual Integrations
 APPROVED

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TIC: BE093571.D

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

26.263min (-0.288) 0.01ng/ul

response 410

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.17#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

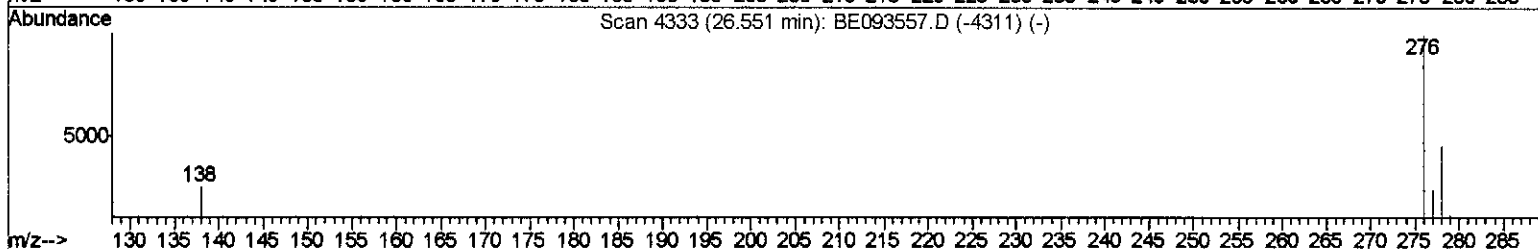
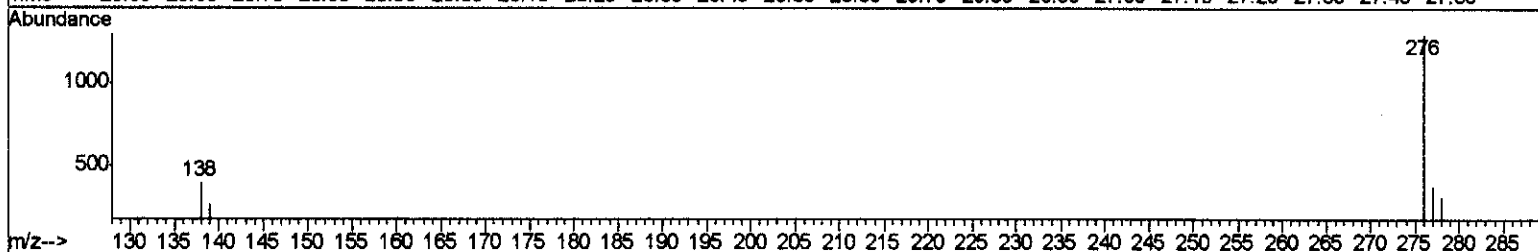
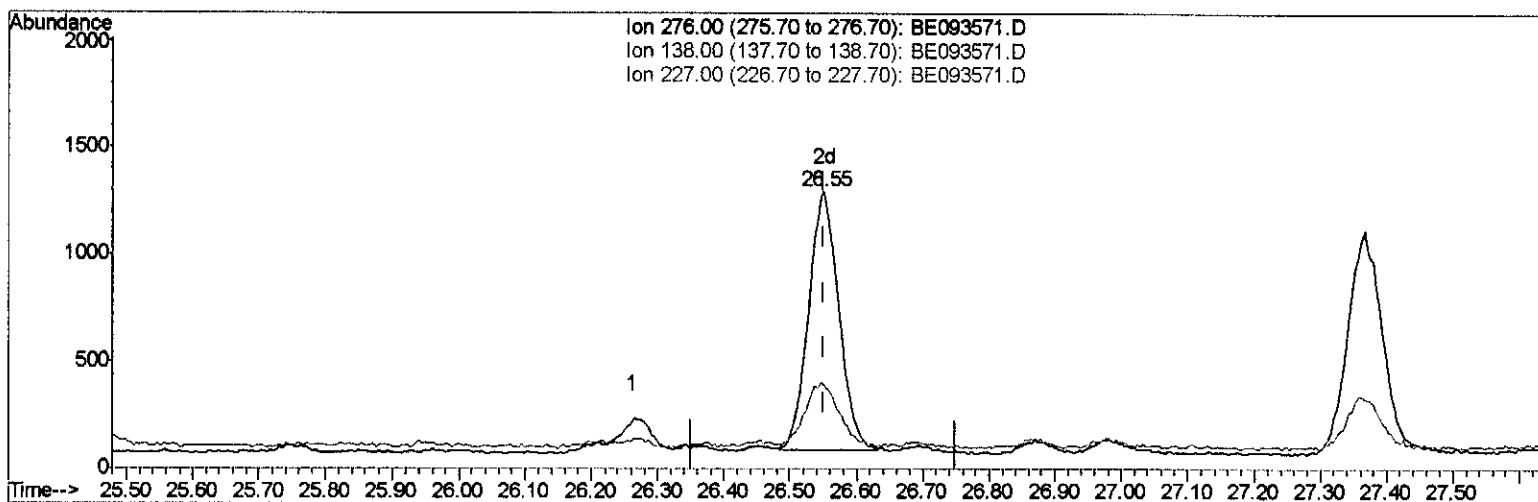
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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Manual Integrations
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TIC: BE093571.D

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

26.550min (-0.001) 0.06ng/ul m

SJ 8/11A

response 3820

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.49#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

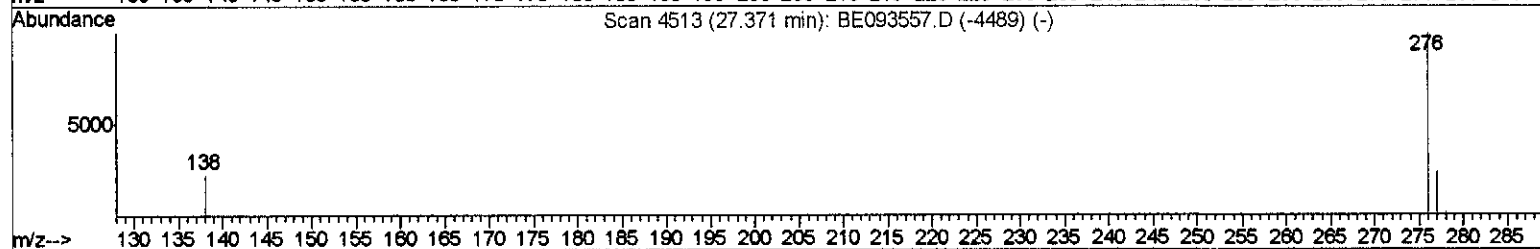
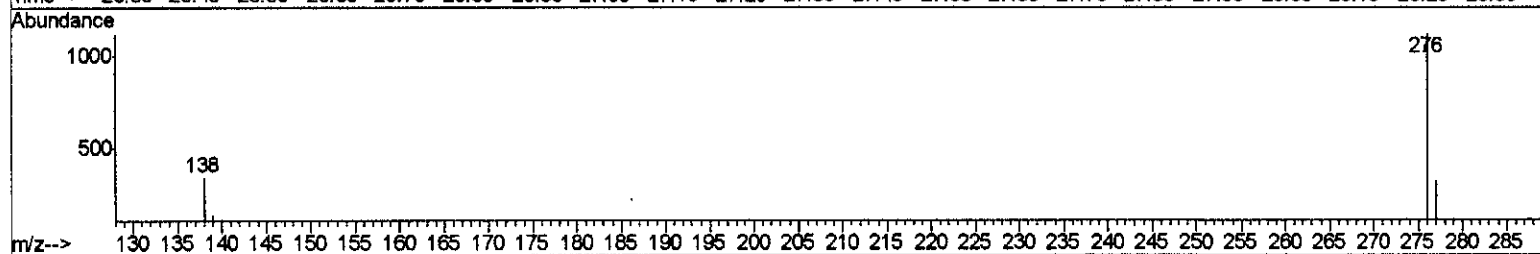
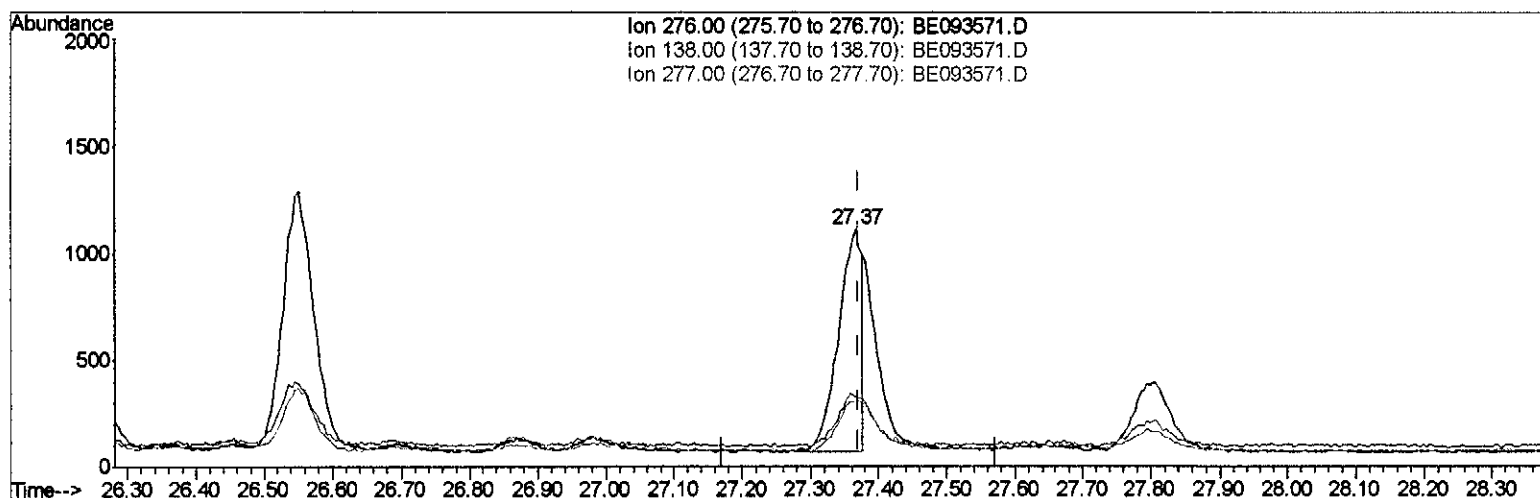
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Data File : BE093571.D
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Operator : SJ/JU
Sample : I4209-11
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ALS Vial : 42 Sample Multiplier: 1

Instrument :
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Manual Integrations
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TIC: BE093571.D

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

27.366min (-0.006) 0.05ng/ul

response 2450

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	29.69
277.00	25.60	28.07
0.00	0.00	0.00

Quantitation Report (Qedit)

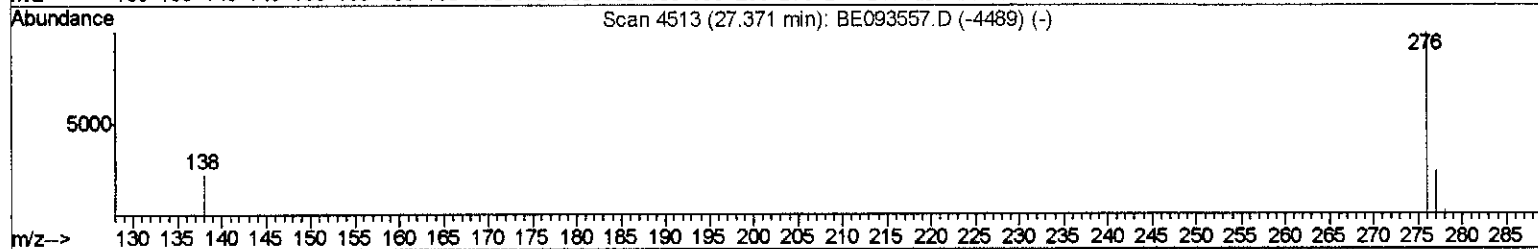
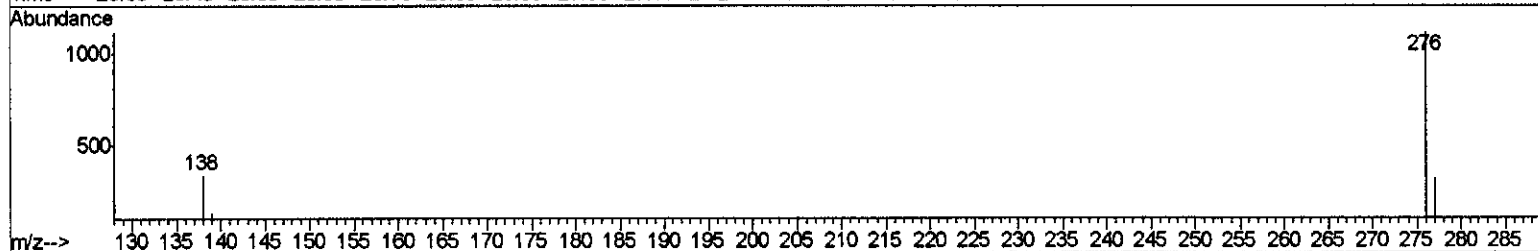
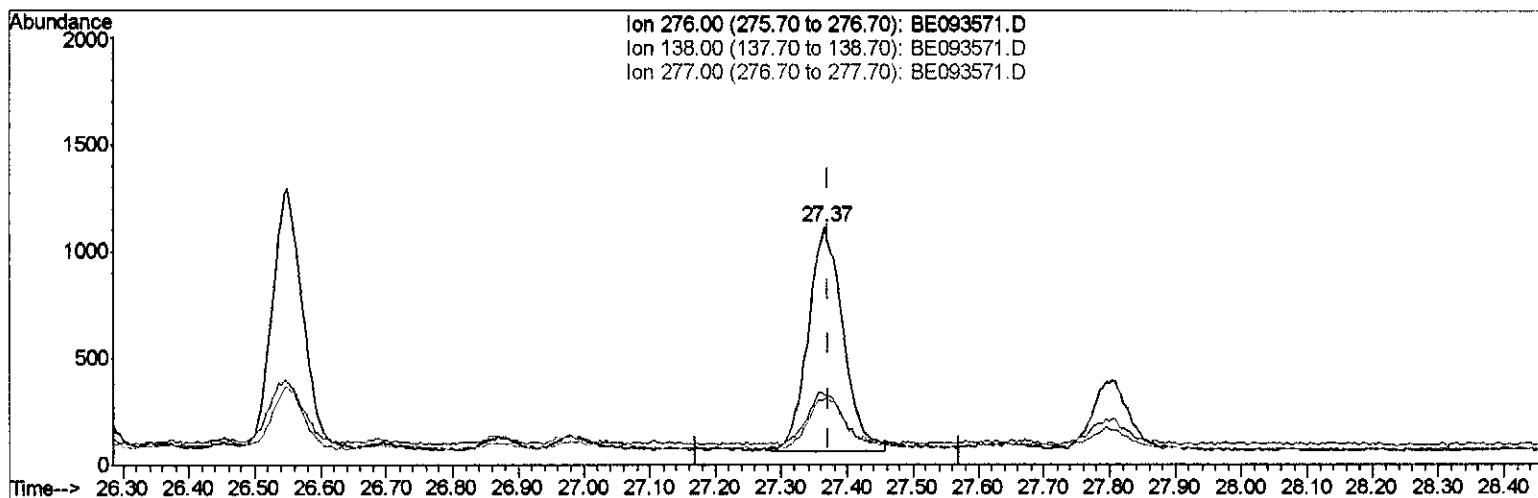
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TIC: BE093571.D

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

27.366min (-0.006) 0.07ng/ul m

SJ 8/24/17

response 3858

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	29.69
277.00	25.60	28.07
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12290	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8416	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	21487m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23610	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	19295m	0.40	ng/ul	0.00

SJ 8/8/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	6201	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	21016	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	2299	0.077	ng/ul#	94
12) Phenanthrene	17.29	178	1903	0.033	ng/ul#	91
15) Fluoranthene	19.31	202	4651	0.064	ng/ul	85
17) Pyrene	19.67	202	5258	0.076	ng/ul#	86
18) Benzo(a)anthracene	21.40	228	4300	0.063	ng/ul#	88
19) Chrysene	21.45	228	5279	0.080	ng/ul	95
21) Benzo(b)fluoranthene	23.15	252	7463	0.125	ng/ul	91
22) Benzo(k)fluoranthene	23.19	252	2987m	0.051	ng/ul	
23) Benzo(a)pyrene	23.81	252	6125m	0.108	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3820m	0.061	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	3858m	0.073	ng/ul	

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