

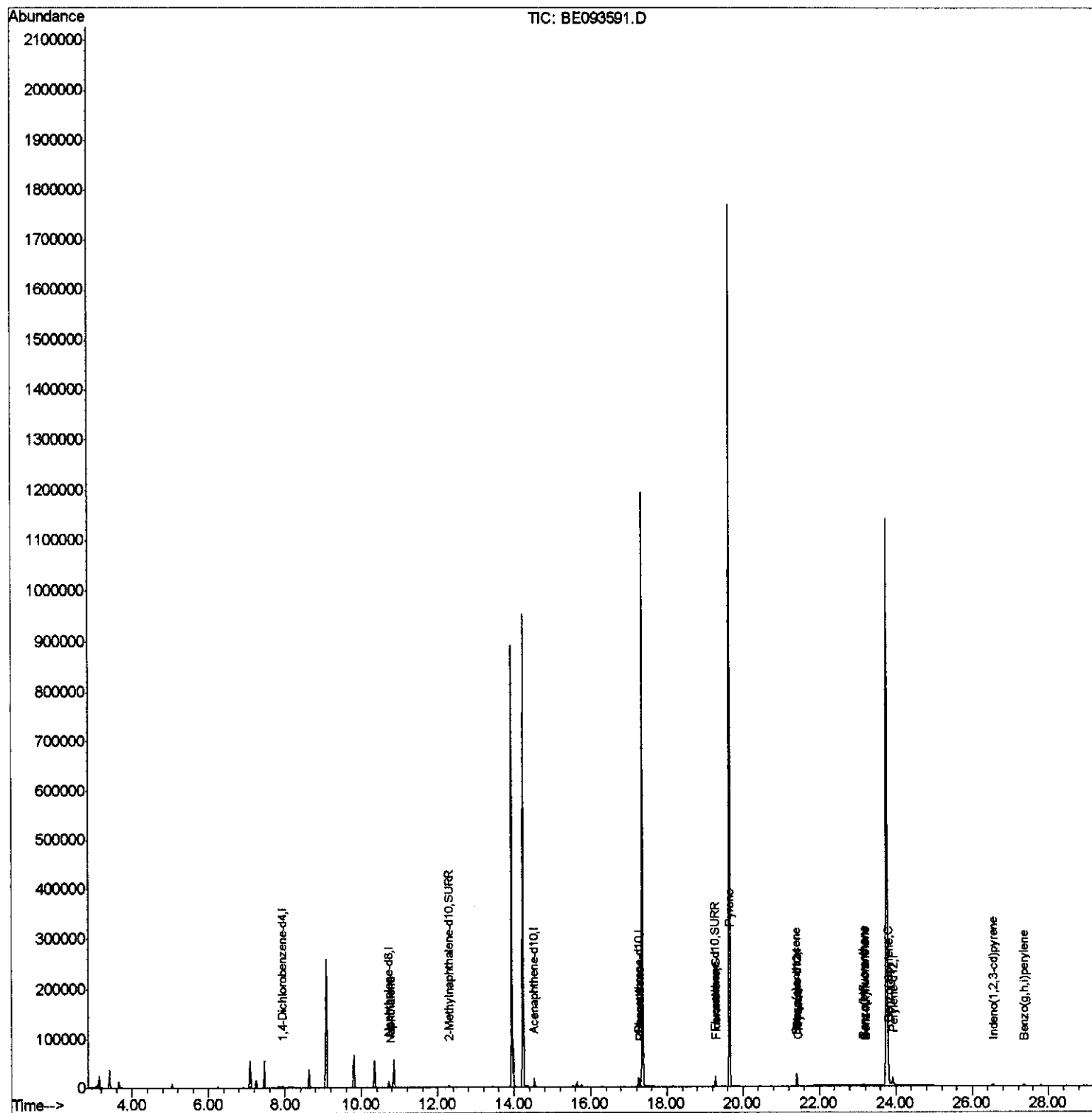
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0B07

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:24:15 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)

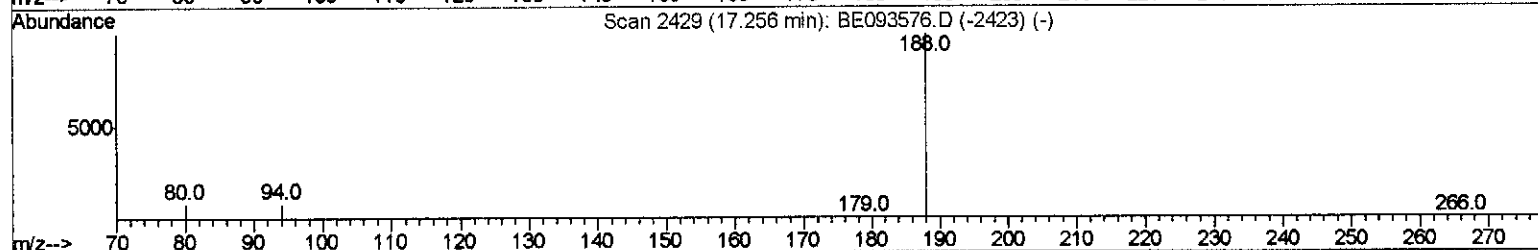
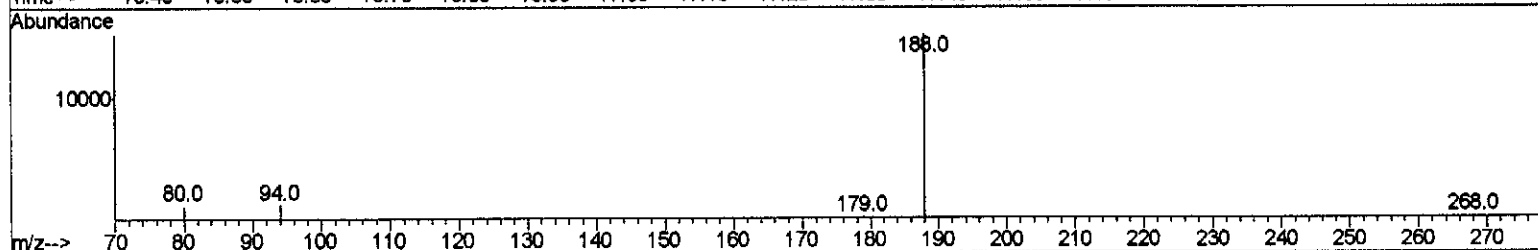
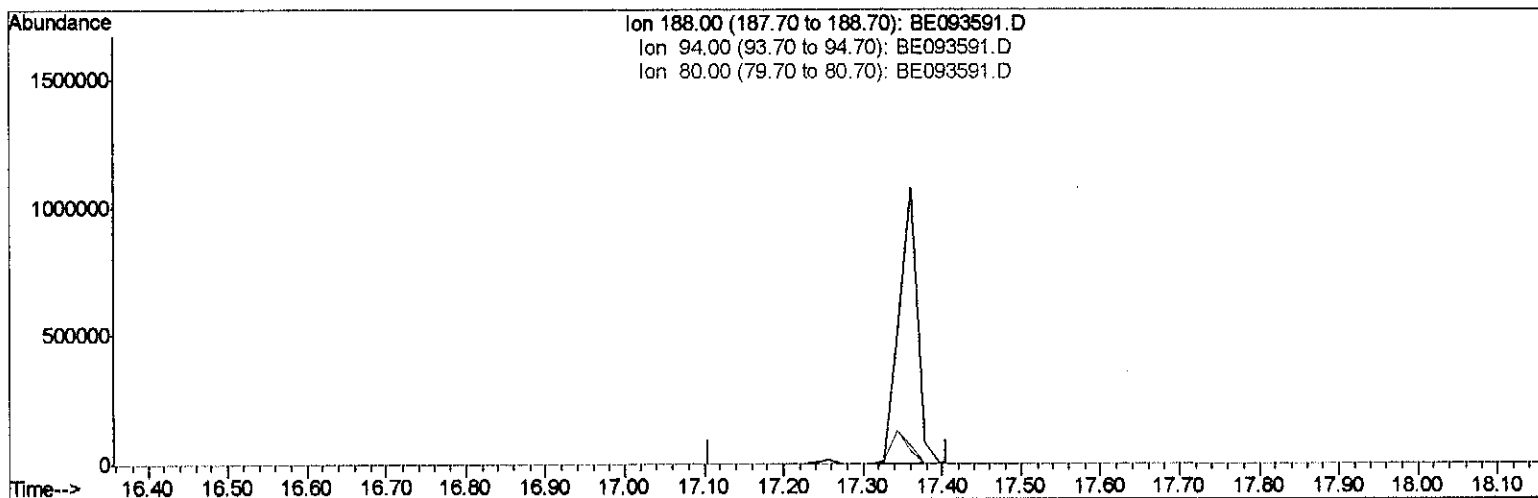
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
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Instrument :
BNA_E
ClientSampled :
C0B07

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:11 PM

Quant Time: Jul 26 02:50:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093591.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

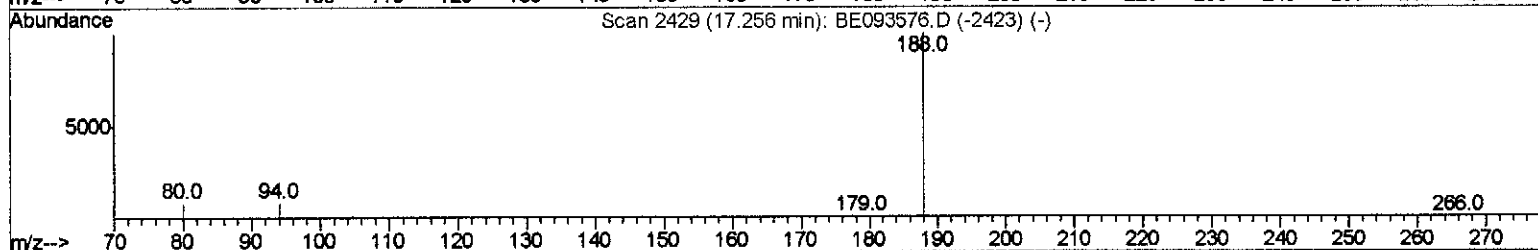
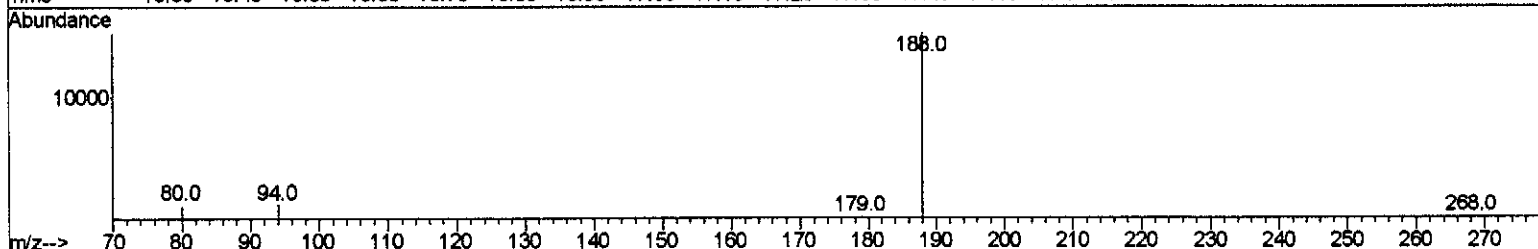
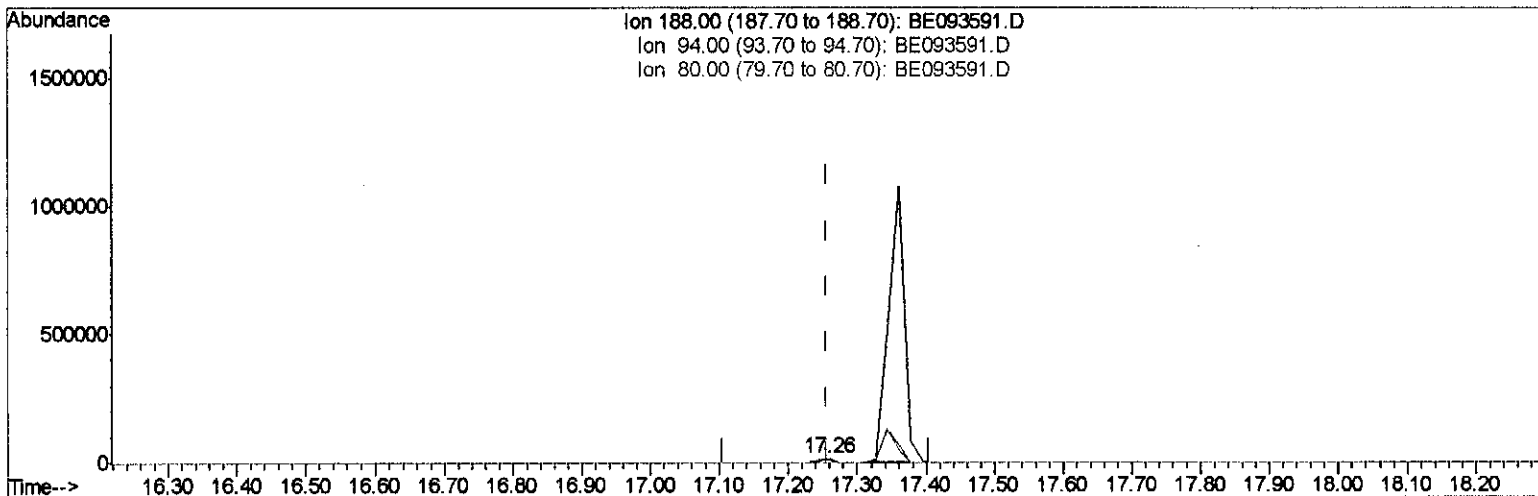
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B07

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:11 PM

Quant Time: Jul 26 02:50:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093591.D

(10) Phenanthrene-d10 (l)

17.257min (+0.001) 0.40ng/ul m

SJ 8/8/17

response 22158

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.77#
80.00	11.80	7.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

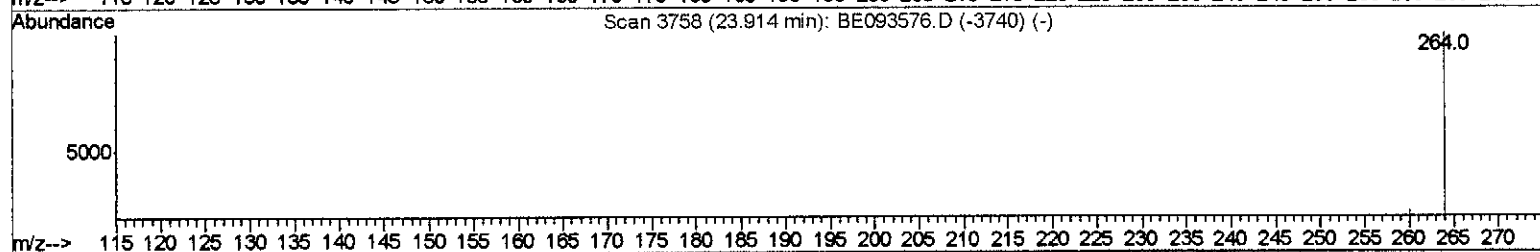
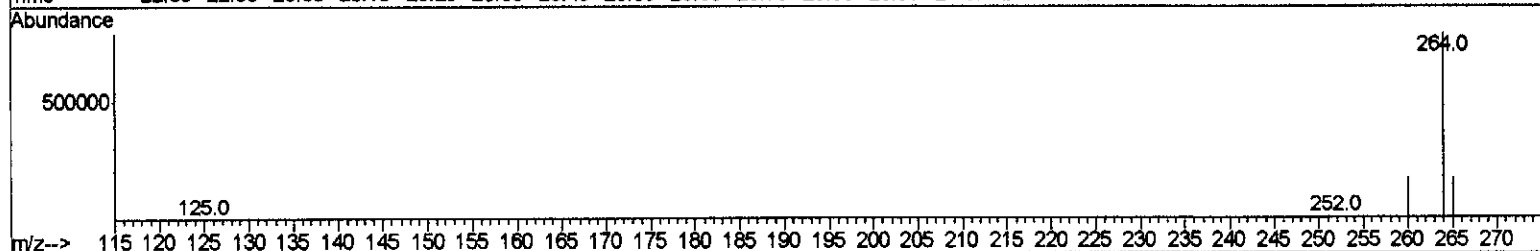
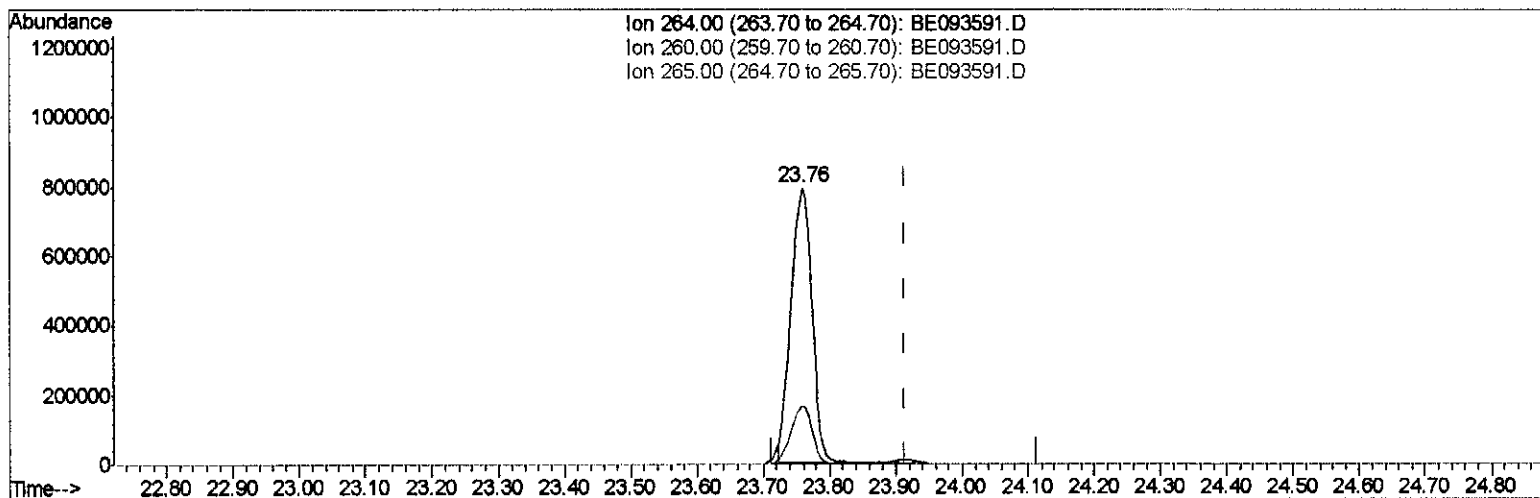
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B07

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:18:58 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
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TIC: BE093591.D

(20) Perylene-d12 (I)

23.759min (-0.155) 0.40ng/ui

response 1737576

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.50#
265.00	103.50	21.54#
0.00	0.00	0.00

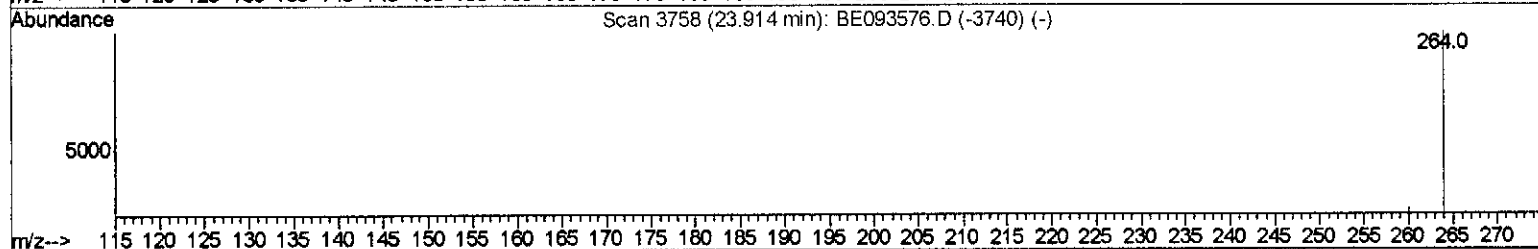
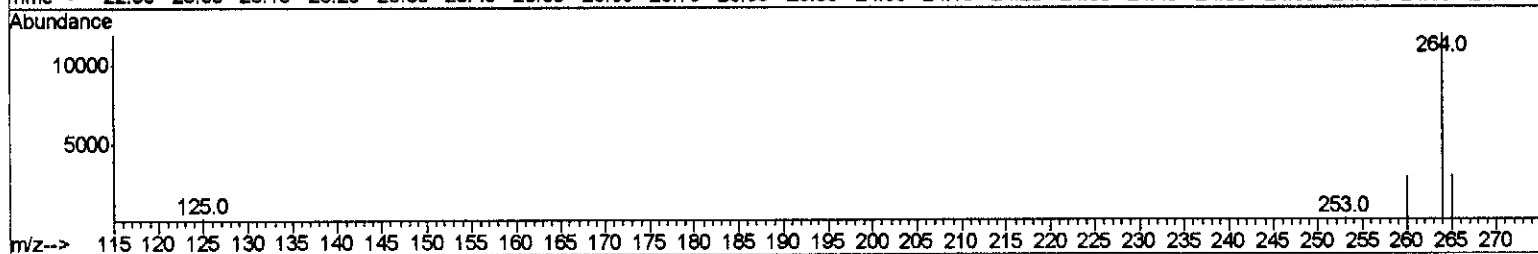
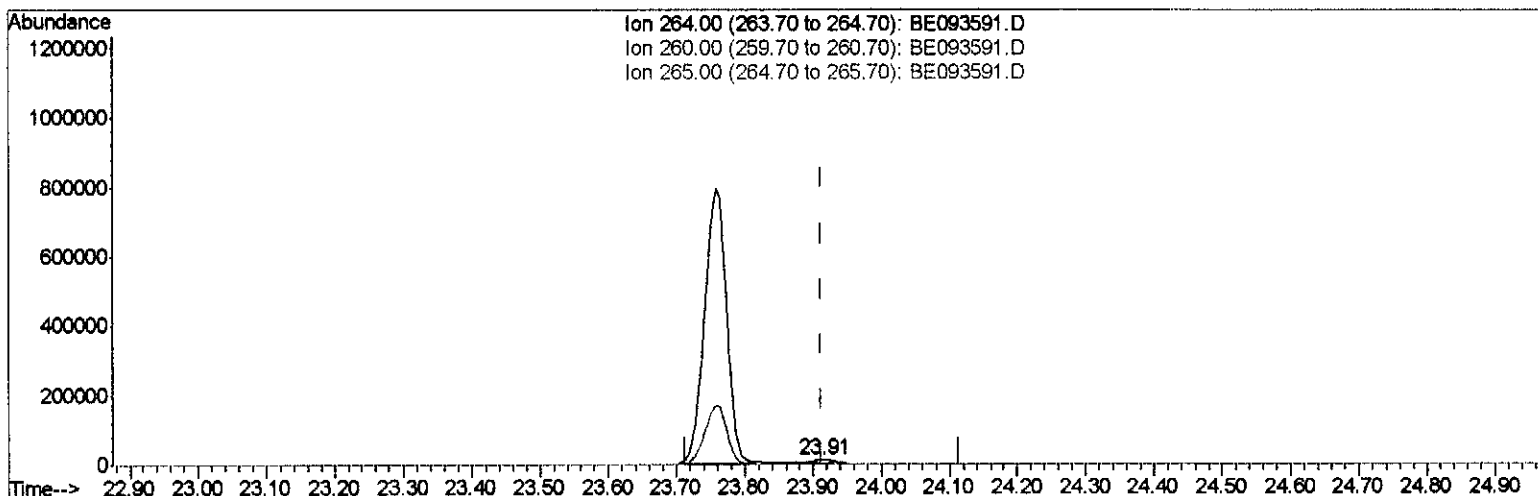
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Jul 26 05:18:58 2017
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QLast Update : Tue Jul 25 06:10:24 2017
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TIC: BE093591.D

(20) Perylene-d12 (I)

23.914min (-0.000) 0.40ng/ul m

SJ 8/8/17

response 20435

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.89#
265.00	103.50	24.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

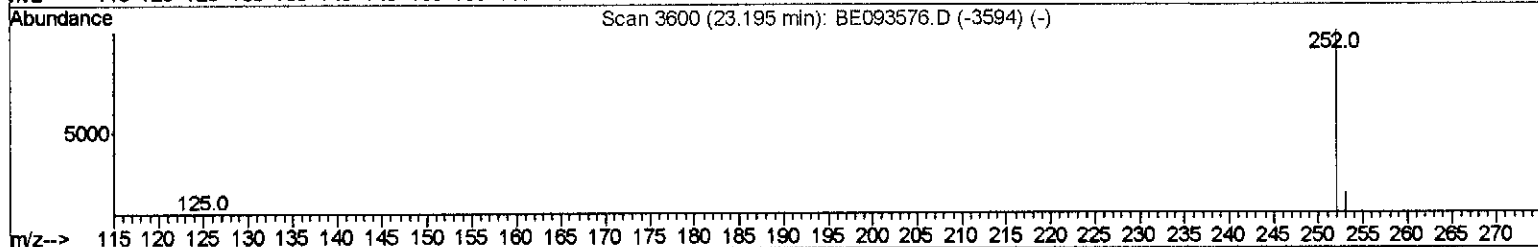
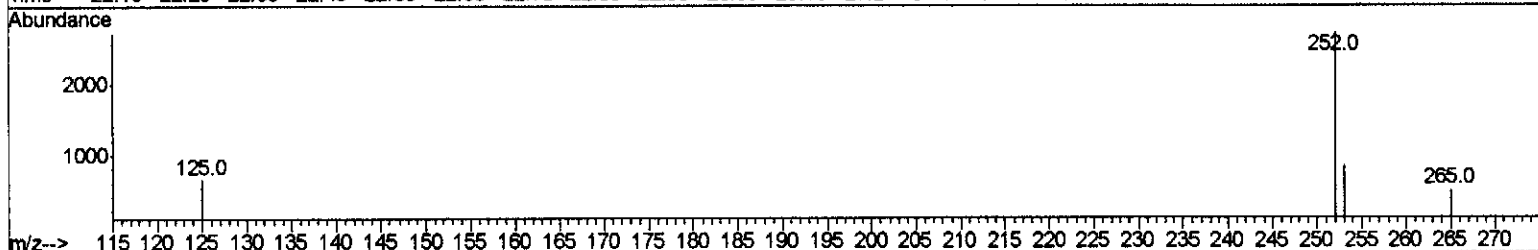
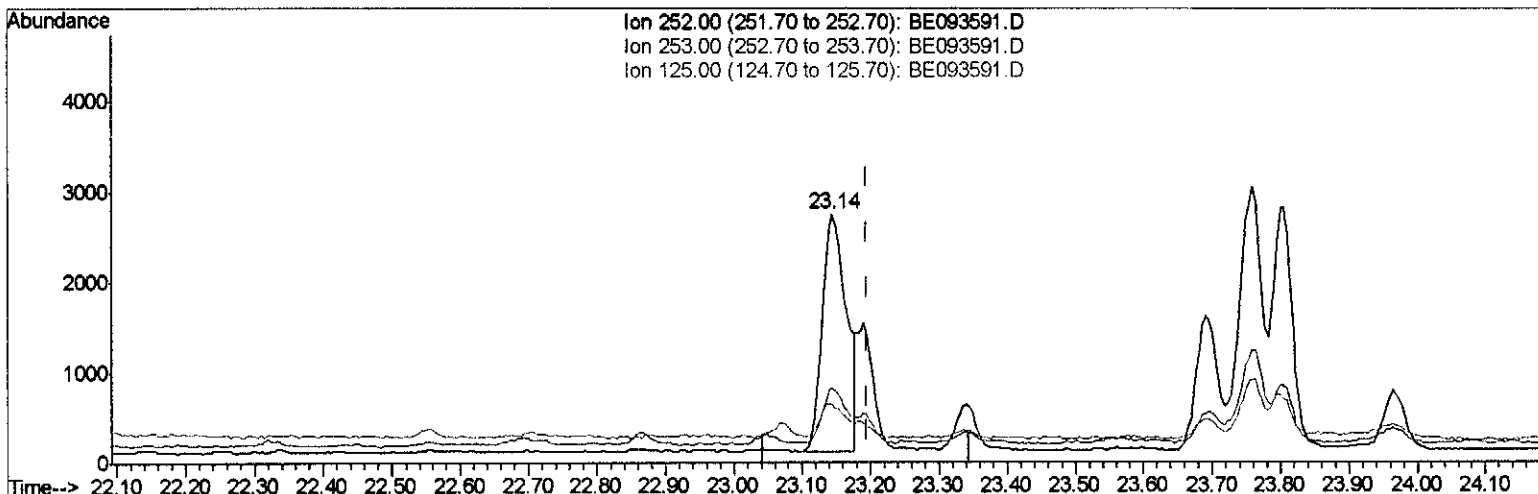
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093591.D
 Acq On : 25 Jul 2017 23:35
 Operator : SJ/JU
 Sample : I4209-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
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Sohil
 7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:21:11 2017
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TIC: BE093591.D

(22) Benzo(k)fluoranthene
 23.144min (-0.050) 0.10ng/ul
 response 6482

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.13
125.00	17.10	23.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

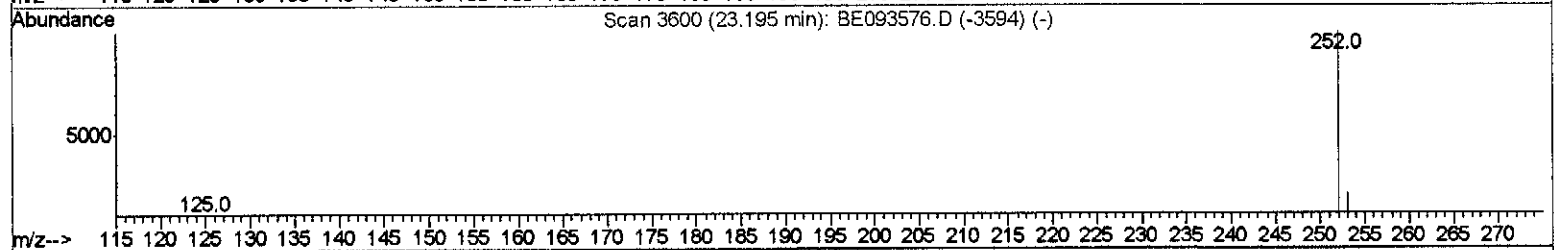
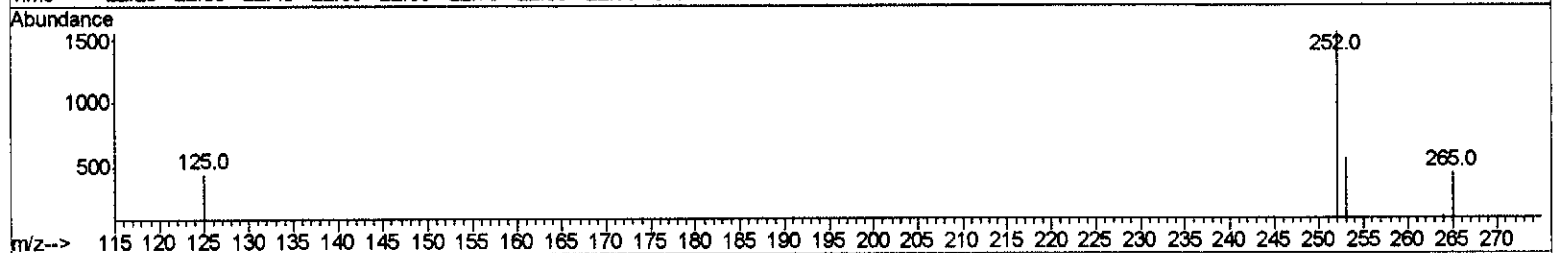
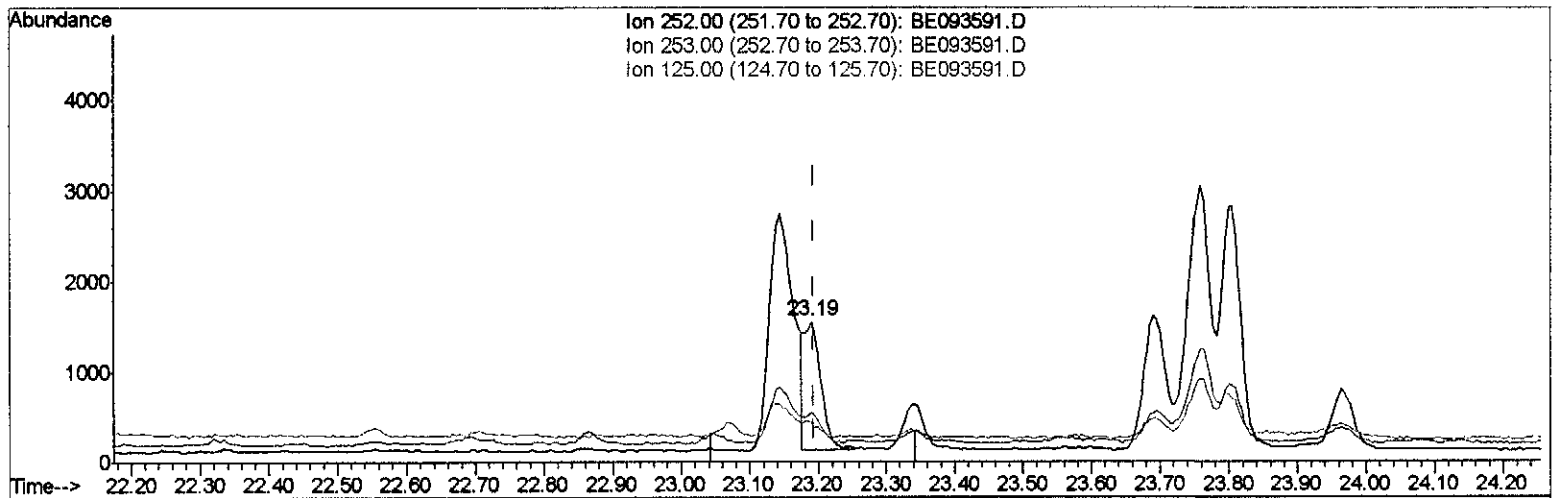
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093591.D
 Acq On : 25 Jul 2017 23:35
 Operator : SJ/JU
 Sample : I4209-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B07

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:21:11 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: BE093591.D

(22) Benzo(k)fluoranthene

23.189min (-0.005) 0.04ng/ul m SJ 8/8/17

response 2381

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	35.43
125.00	17.10	28.06
0.00	0.00	0.00

Quantitation Report (Qedit)

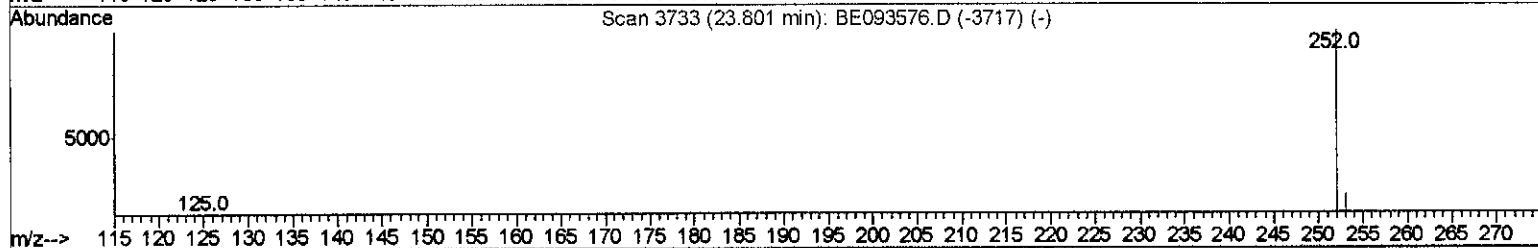
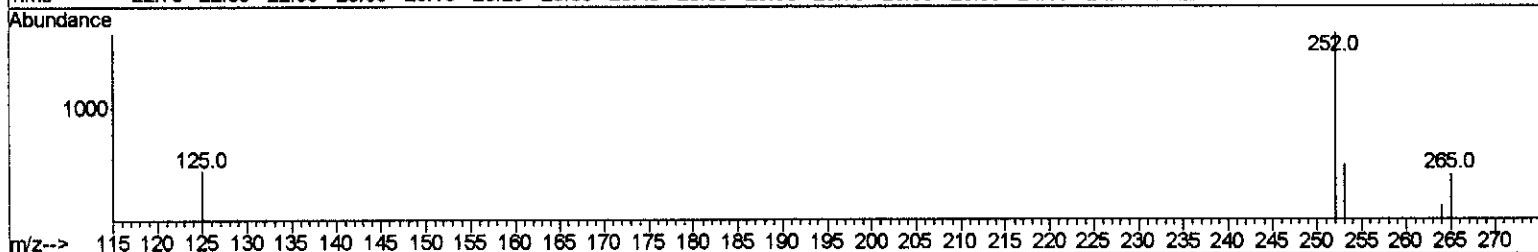
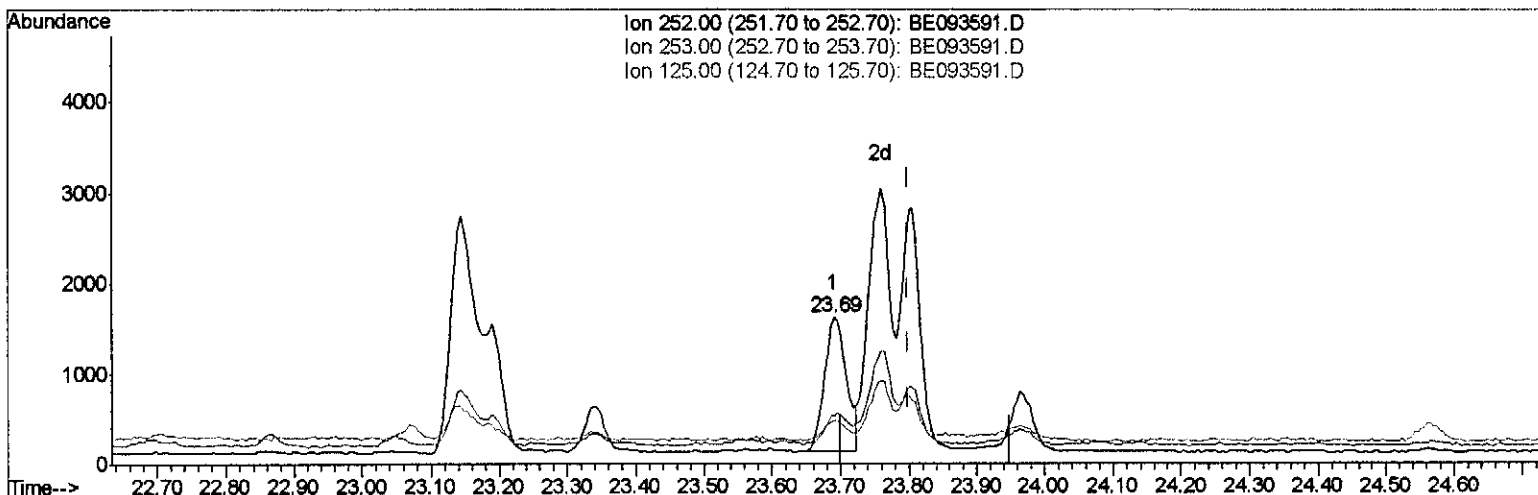
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B07

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:21:11 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: BE093591.D

(23) Benzo(a)pyrene (C)

23.690min (-0.110) 0.06ng/ul

response 3373

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	33.44
125.00	22.60	30.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

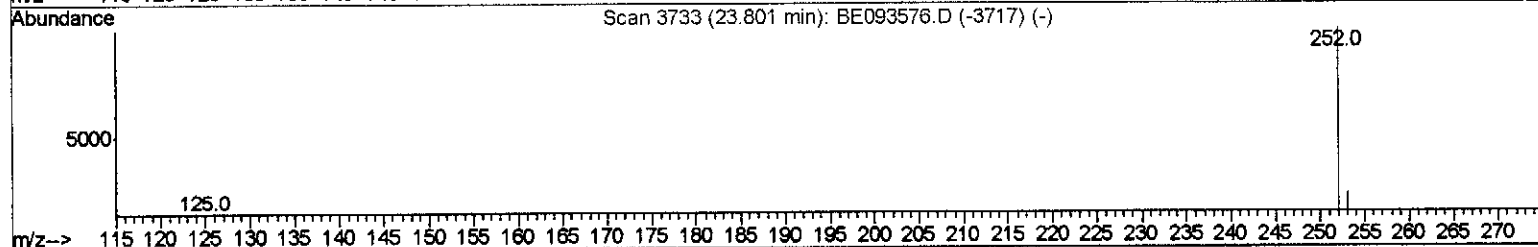
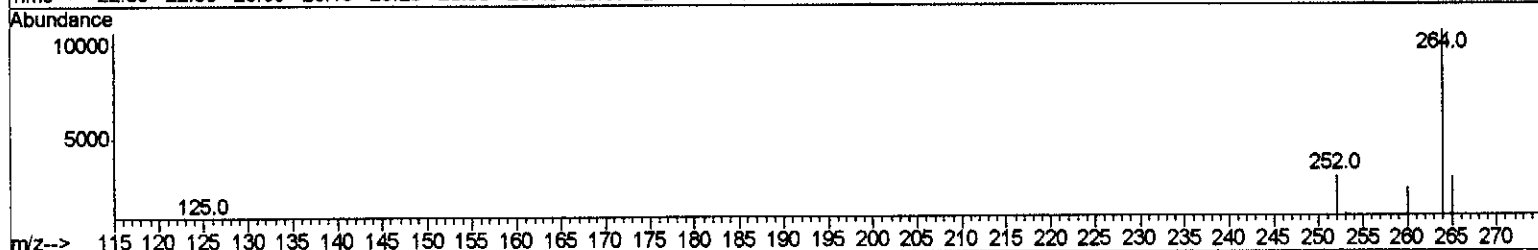
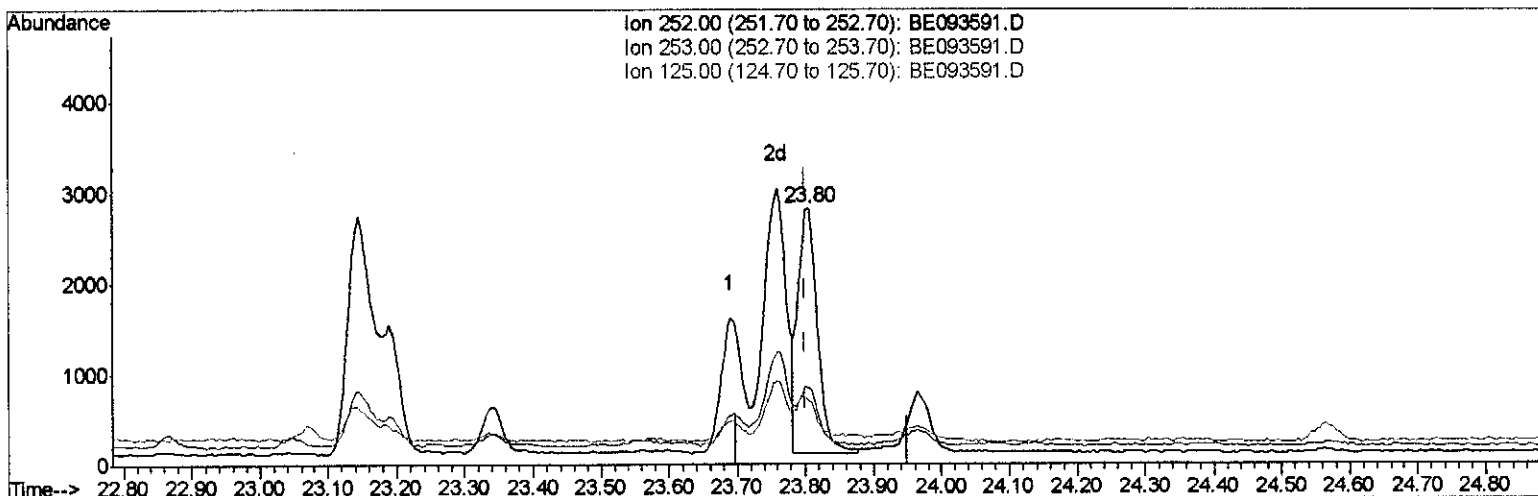
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093591.D
 Acq On : 25 Jul 2017 23:35
 Operator : SJ/JU
 Sample : I4209-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B07

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:21:11 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: BE093591.D

(23) Benzo(a)pyrene (C)

23.804min (+0.004) 0.09ng/ul m

SJ 8/8/17

response 5254

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	30.09
125.00	22.60	24.87
0.00	0.00	0.00

Quantitation Report (Qedit)

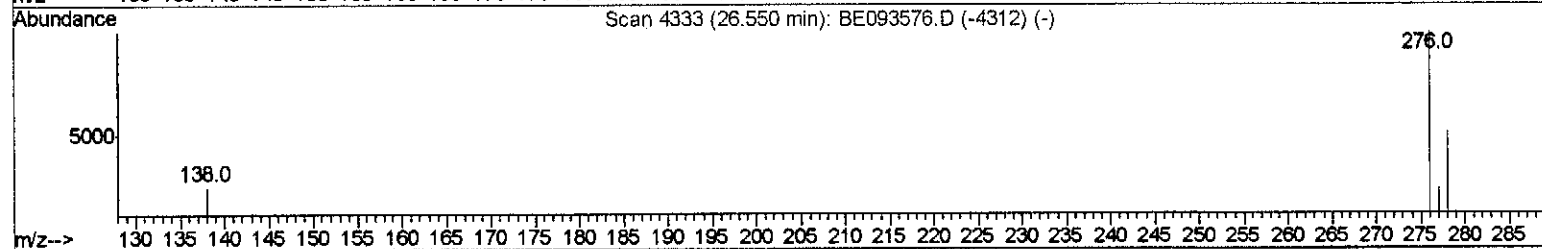
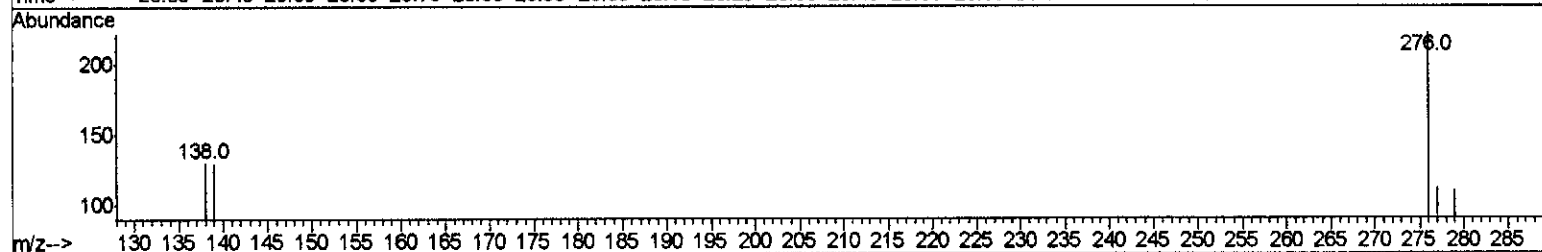
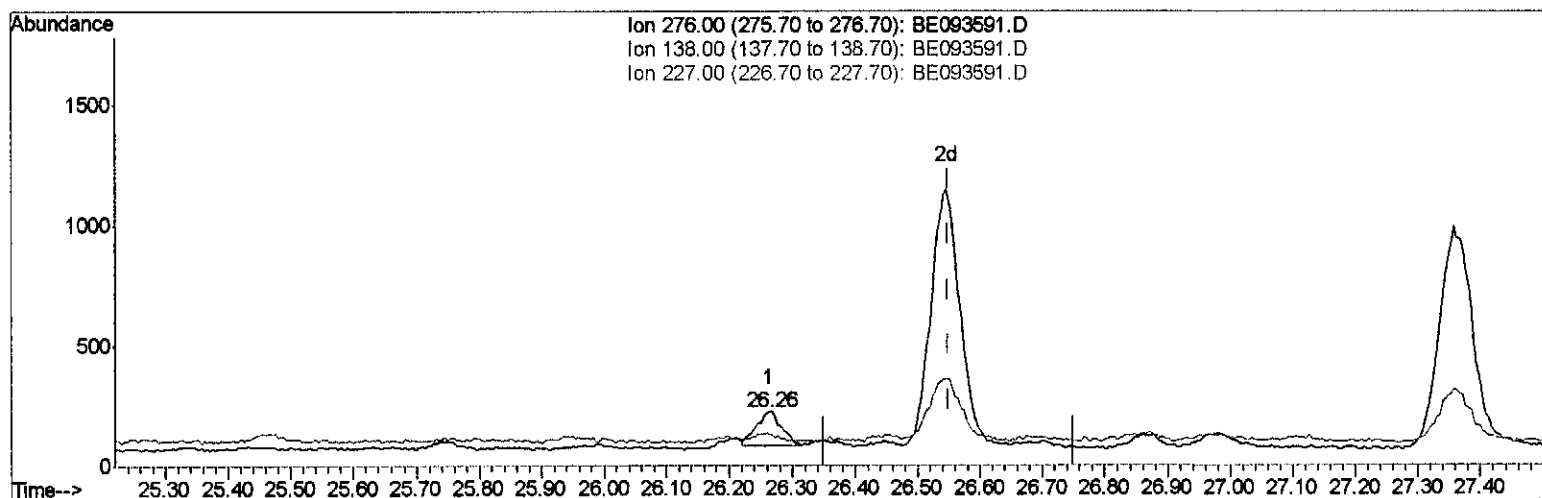
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093591.D
 Acq On : 25 Jul 2017 23:35
 Operator : SJ/JU
 Sample : I4209-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B07

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:11 PM

Quant Time: Jul 26 05:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093591.D

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

26.264min (-0.287) 0.01ng/ul

response 402

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	18.16#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

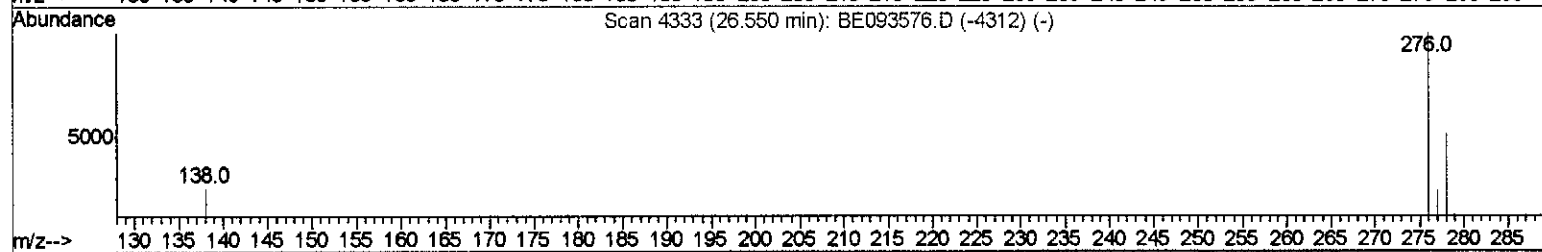
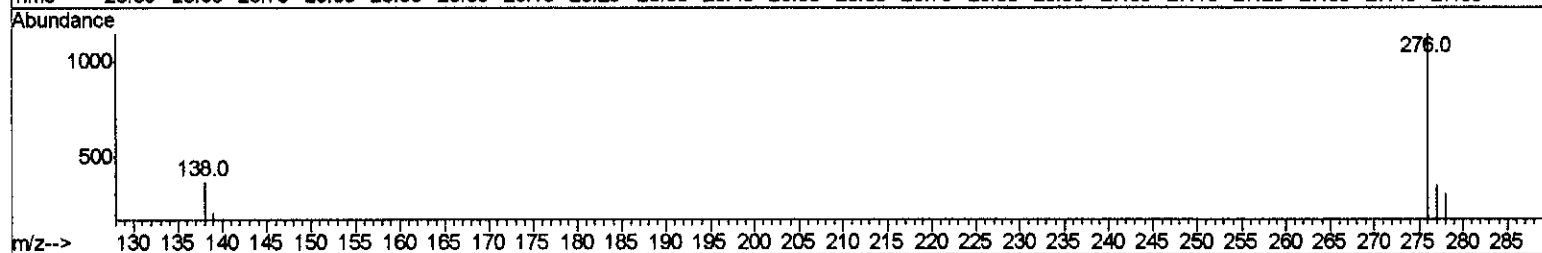
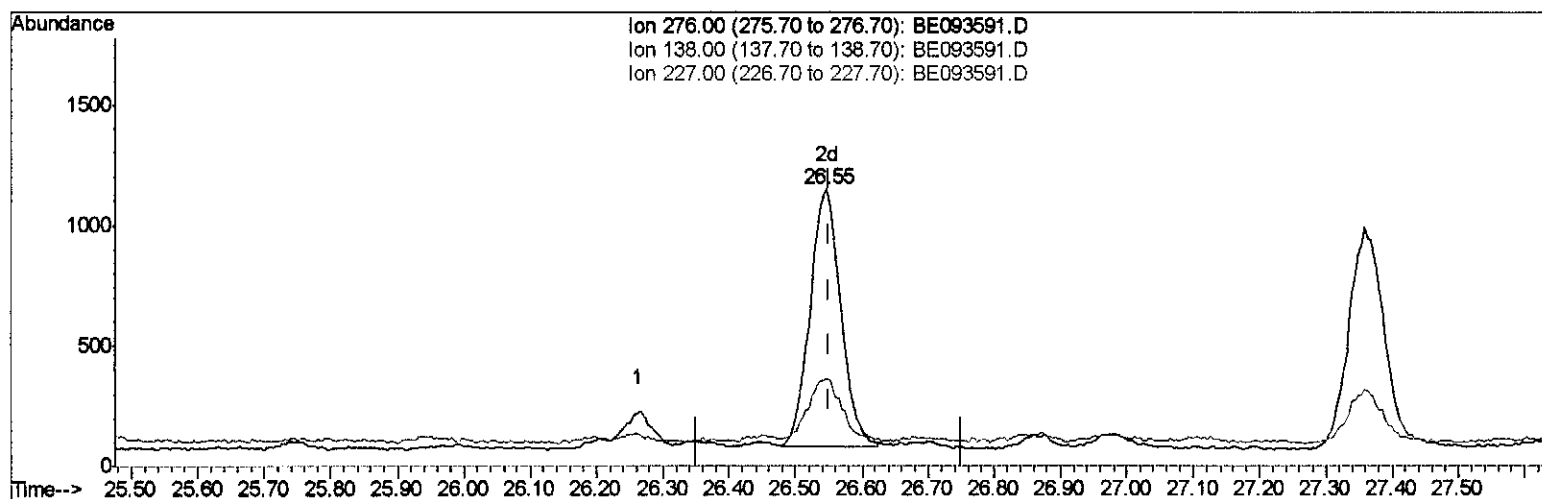
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
Acq On : 25 Jul 2017 23:35
Operator : SJ/JU
Sample : I4209-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
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Manual Integrations
APPROVED

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

26.546min (-0.005) 0.05ng/ul m SJ 8/8/17

response 3436

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.12#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

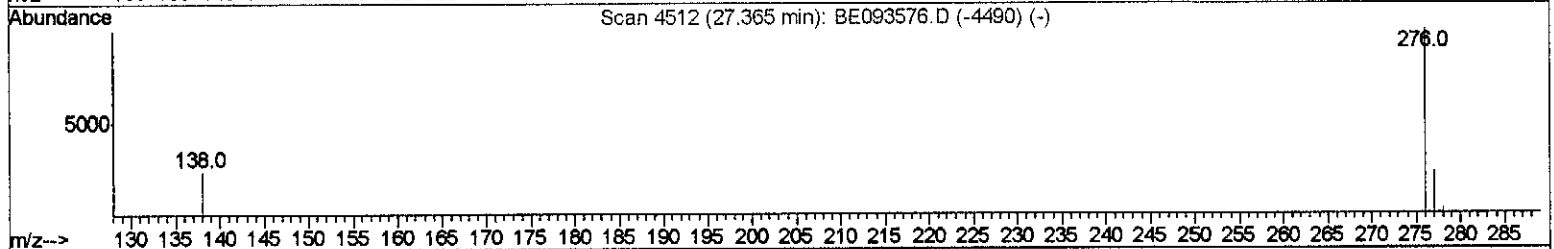
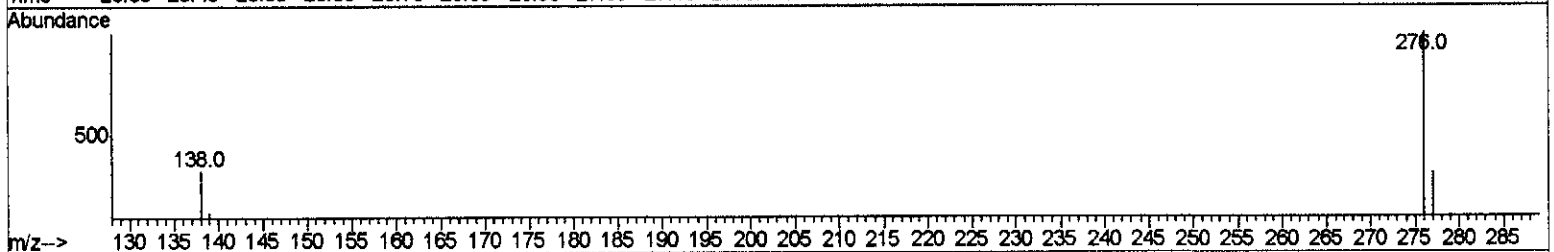
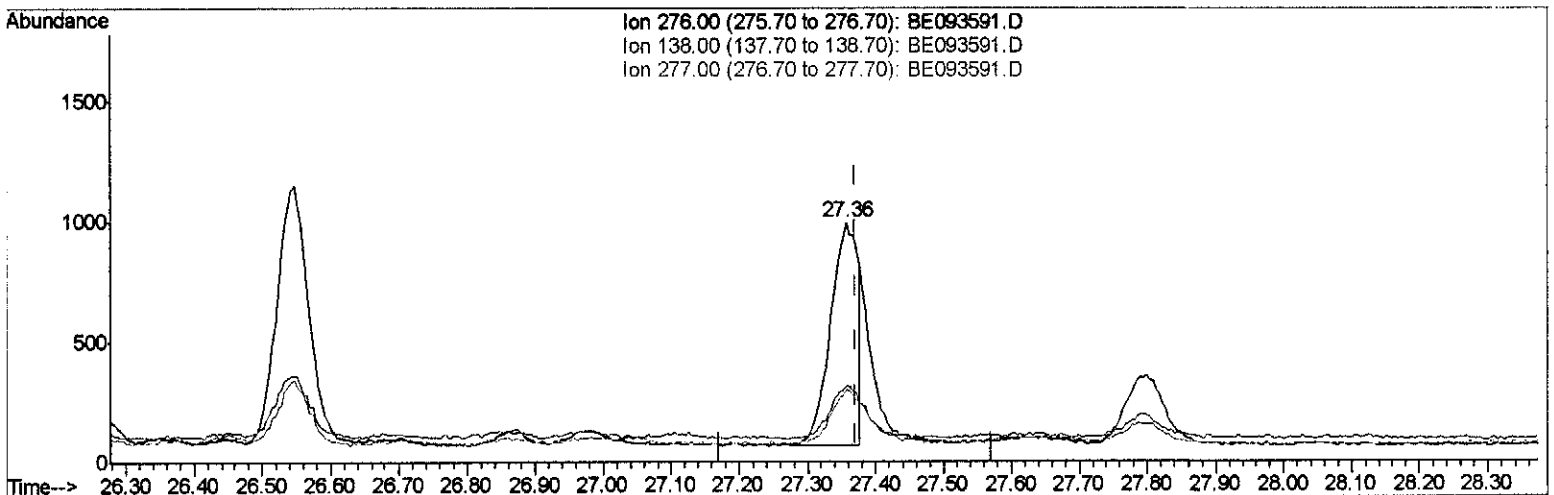
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093591.D
 Acq On : 25 Jul 2017 23:35
 Operator : SJ/JU
 Sample : I4209-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B07

Manual Integrations
 APPROVED

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Quant Time: Jul 26 05:21:11 2017
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TIC: BE093591.D

(26) Benzo(g,h,i)perylene
 27.358min (-0.014) 0.05ng/ul
 response 2555

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	32.09
277.00	25.60	30.38
0.00	0.00	0.00

Quantitation Report (Qedit)

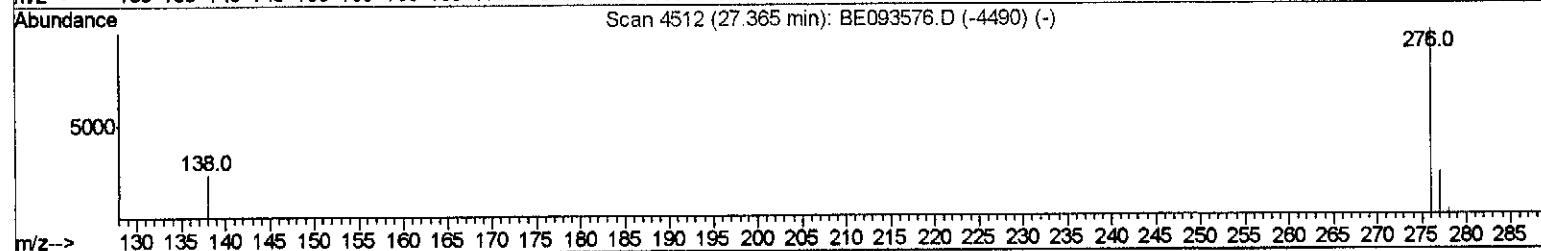
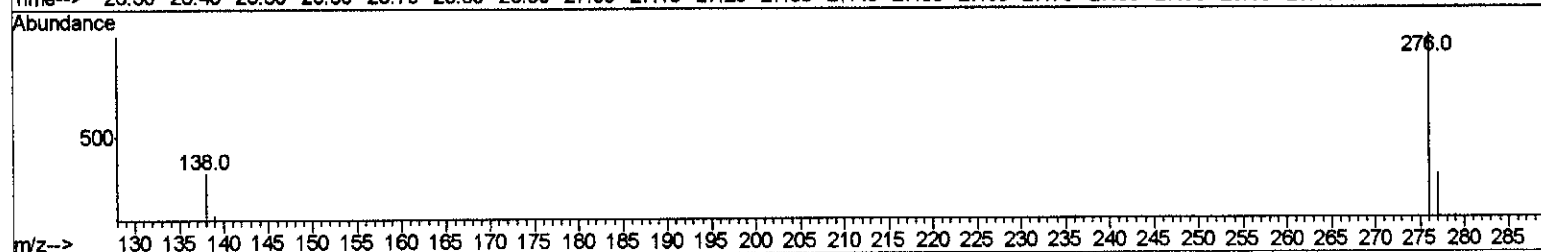
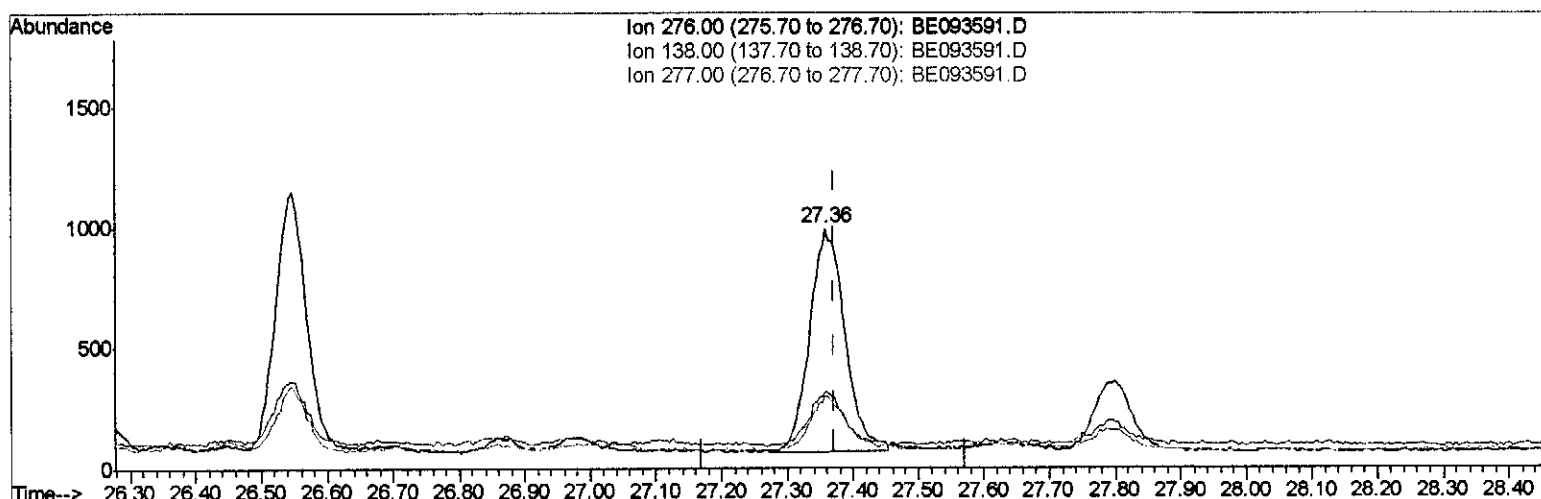
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093591.D
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Sample : I4209-04
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ClientSampleId :
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Manual Integrations
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TIC: BE093591.D

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

27.358min (-0.014) 0.06ng/ul m

SJ 8/8/17

response 3415

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	32.09
277.00	25.60	30.38
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2713	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14472	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	9606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	22158m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	23716	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20435m	0.40	ng/ul	0.00

SJ 8/8/17

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	7644	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	23240	0.33	ng/ul	0.00

Target Compounds					Ovalue	
3) Naphthalene	10.76	128	2563	0.073	ng/ul#	96
12) Phenanthrene	17.29	178	2106	0.035	ng/ul#	92
15) Fluoranthene	19.30	202	4264	0.057	ng/ul	85
17) Pyrene	19.67	202	4800	0.069	ng/ul#	88
18) Benzo(a)anthracene	21.39	228	3775	0.055	ng/ul#	88
19) Chrysene	21.45	228	4078	0.062	ng/ul	94
21) Benzo(b)fluoranthene	23.14	252	6482	0.103	ng/ul	93
22) Benzo(k)fluoranthene	23.19	252	2381m	0.038	ng/ul	
23) Benzo(a)pyrene	23.80	252	5254m	0.087	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	3436m	0.052	ng/ul	
26) Benzo(a,h,i)perylene	27.36	276	3415m	0.061	ng/ul	

SJ 8/8/17

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