

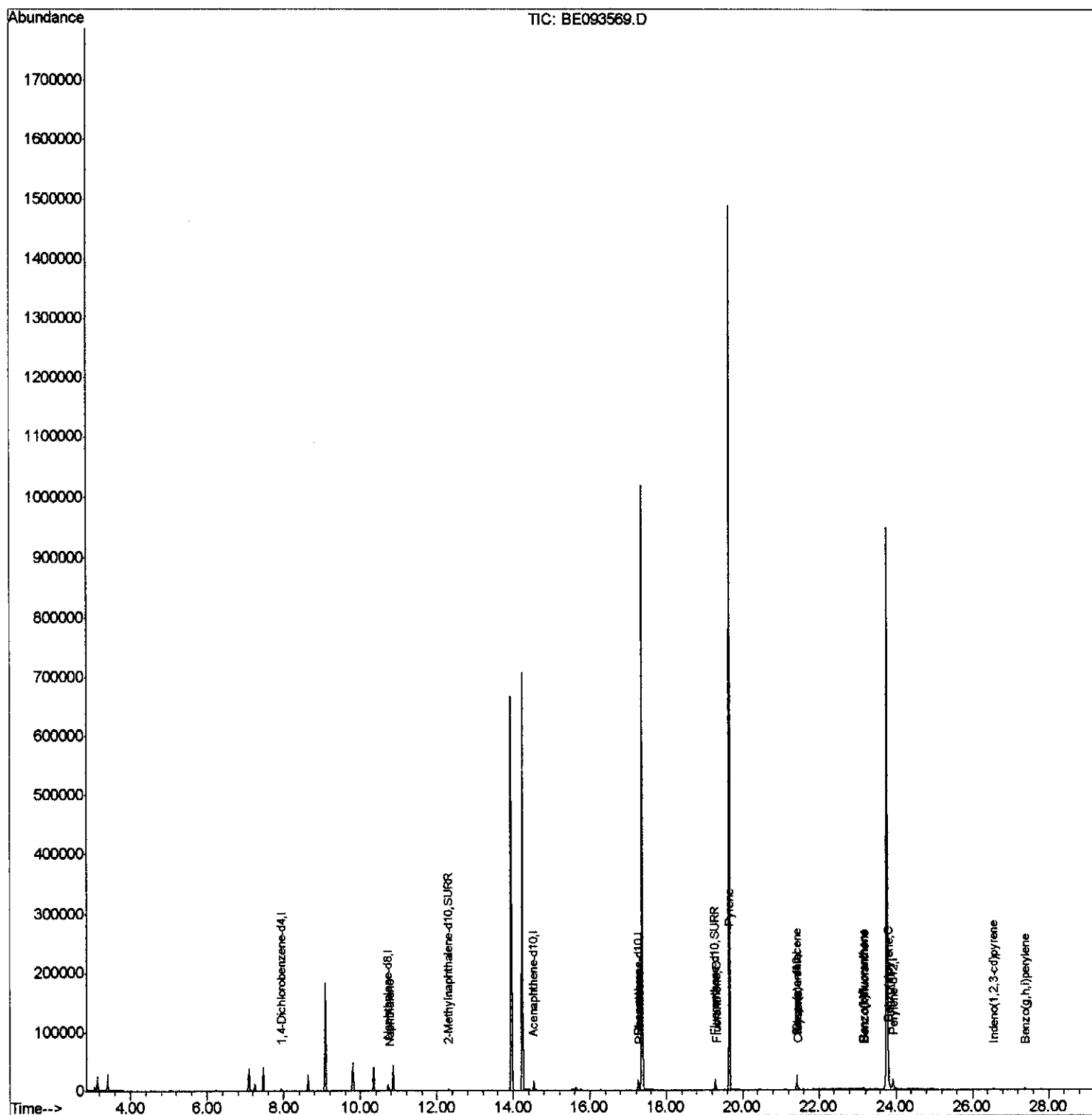
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:19:54 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



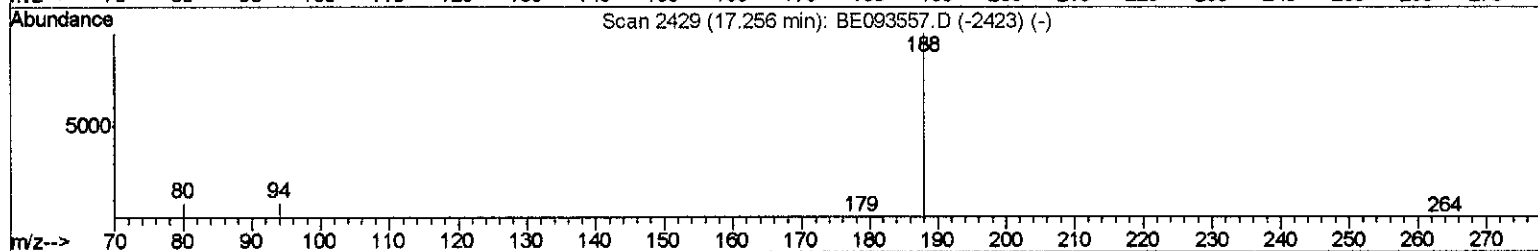
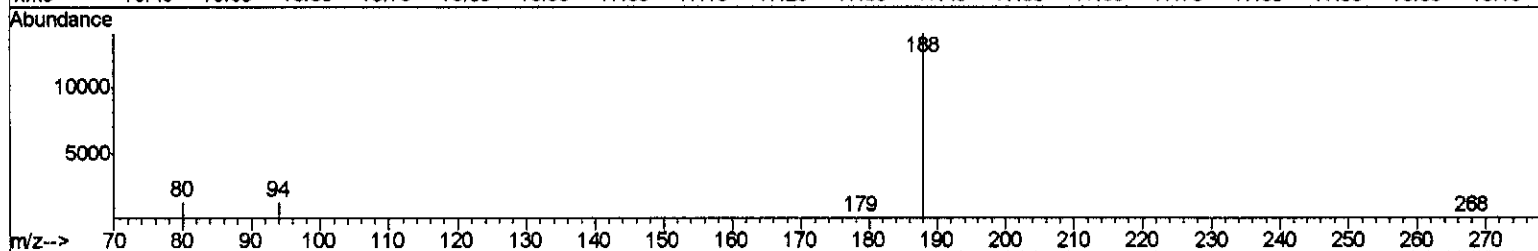
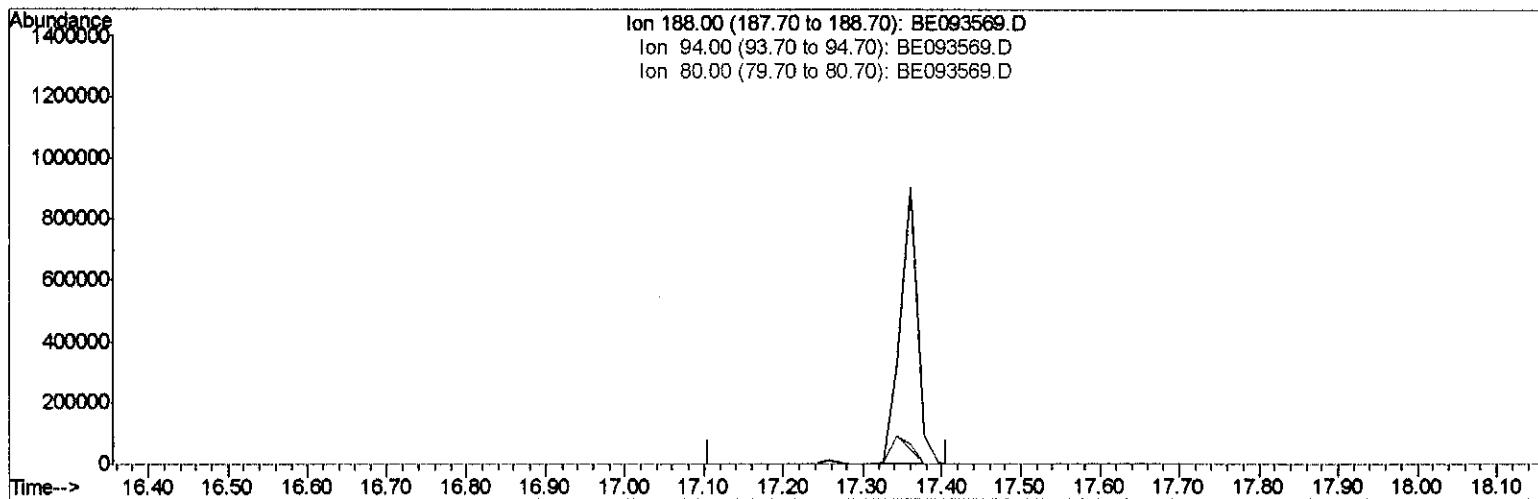
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
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Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:14:32 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



TIC: BE093569.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)

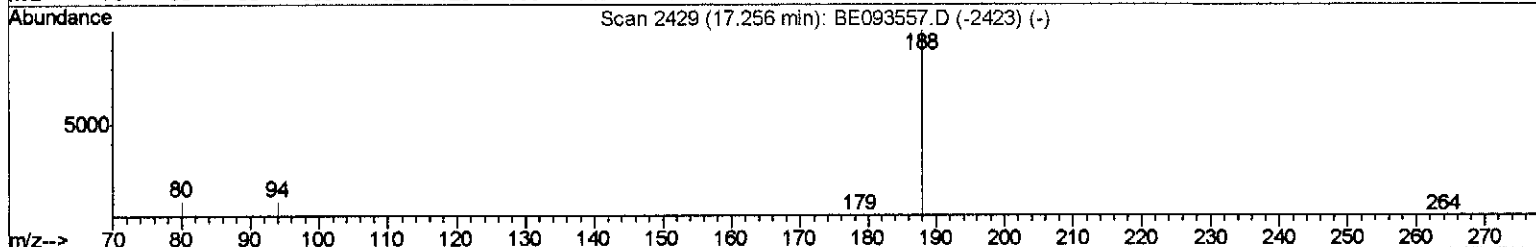
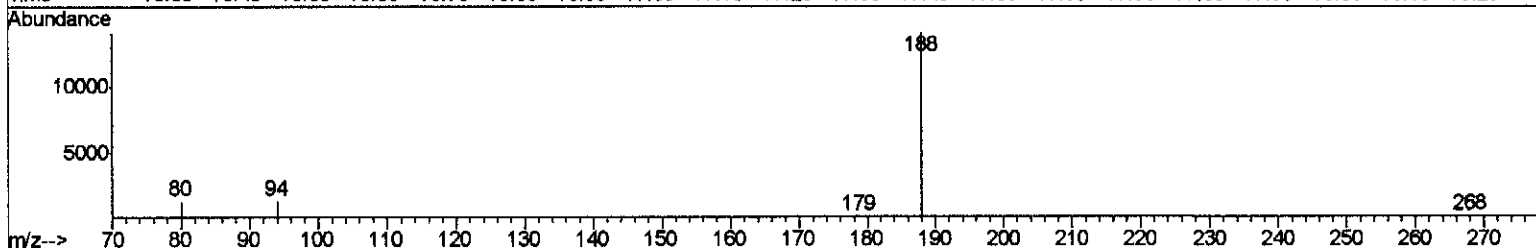
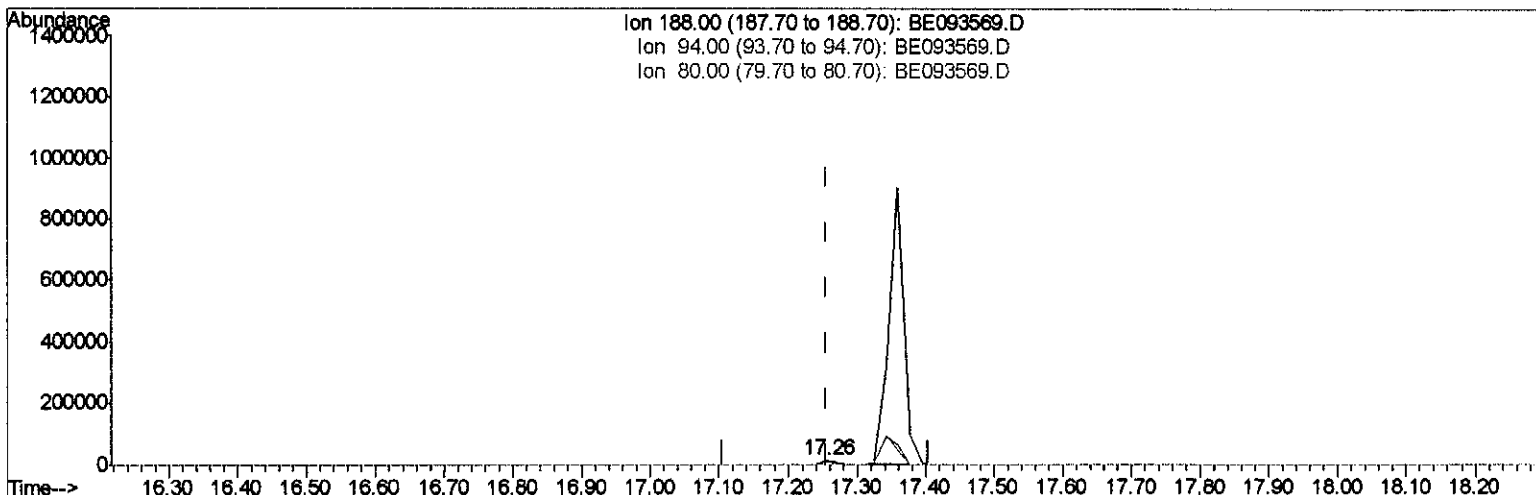
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:14:32 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



TIC: BE093569.D

(10) Phenanthrene-d10 (I)

17.256min (-0.000) 0.40ng/ul m *SJ 8/8/17*

response 20370

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.72#
80.00	11.80	8.57#
0.00	0.00	0.00

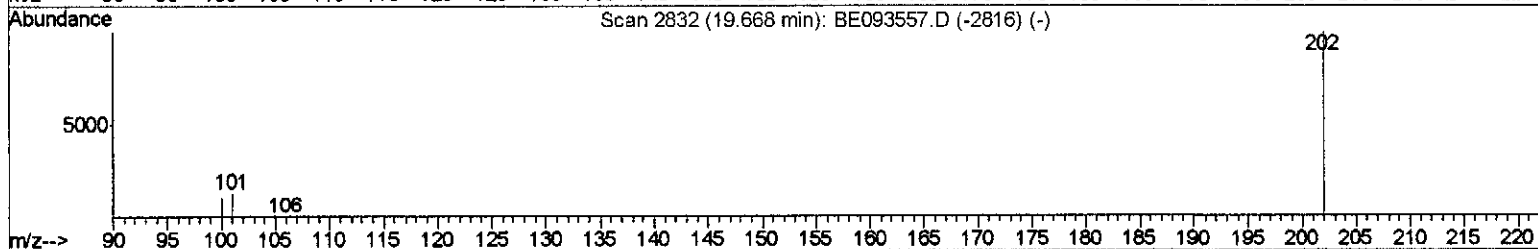
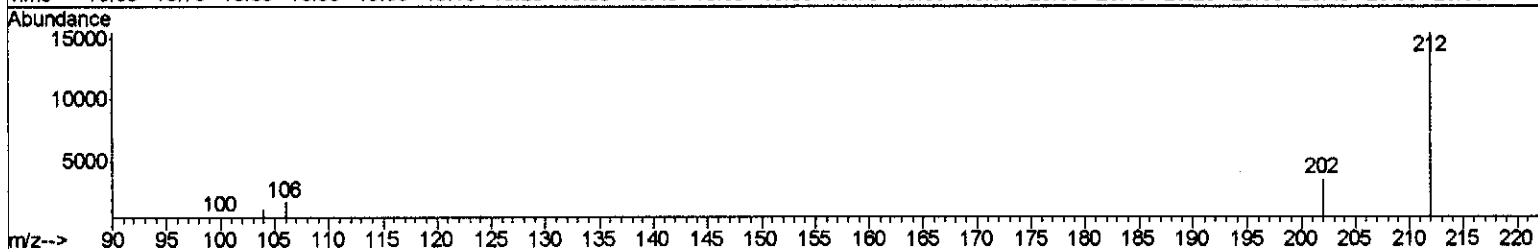
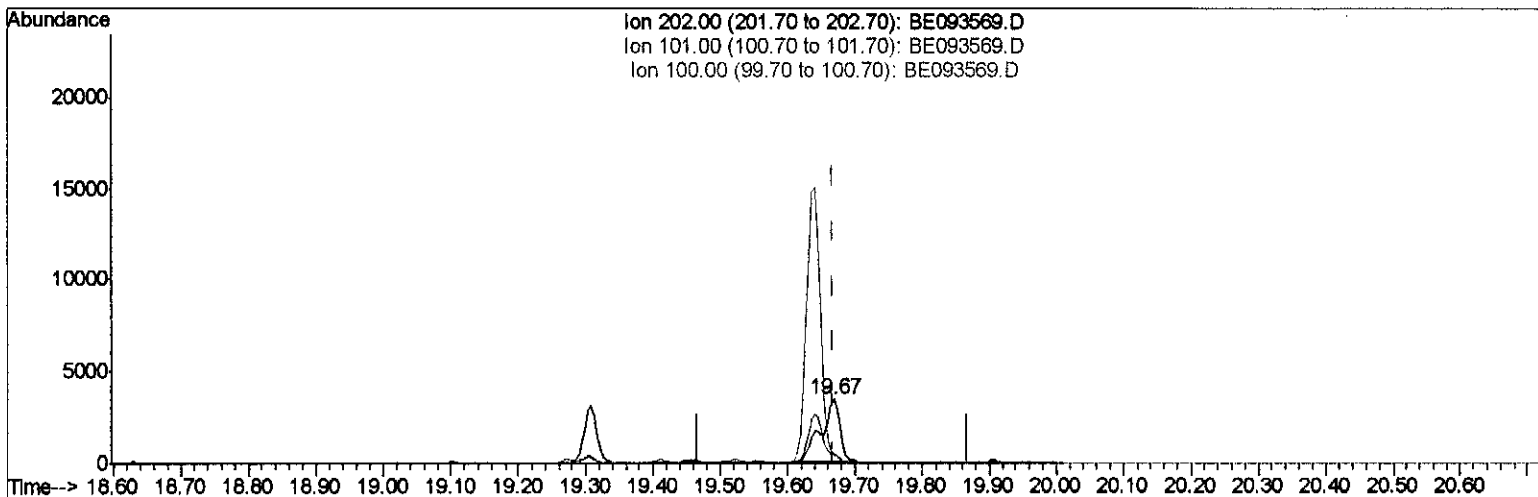
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:16:05 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



TIC: BE093569.D

(17) Pyrene

19.668min (-0.000) 0.10ng/ul

response 6708

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.79#
100.00	19.50	15.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

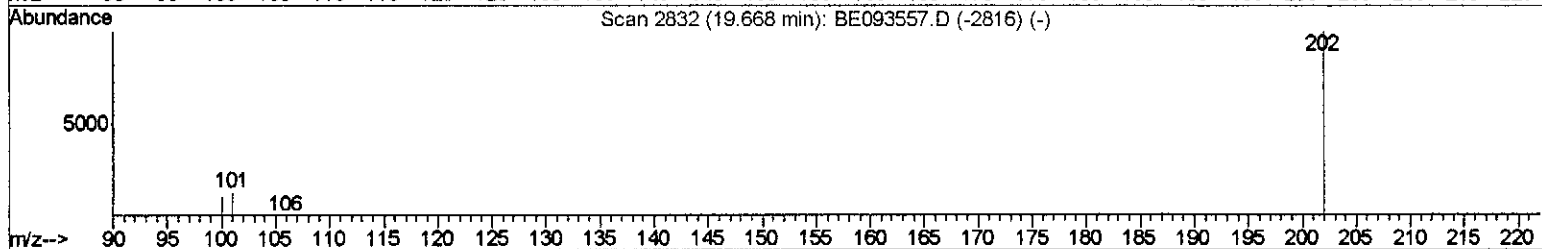
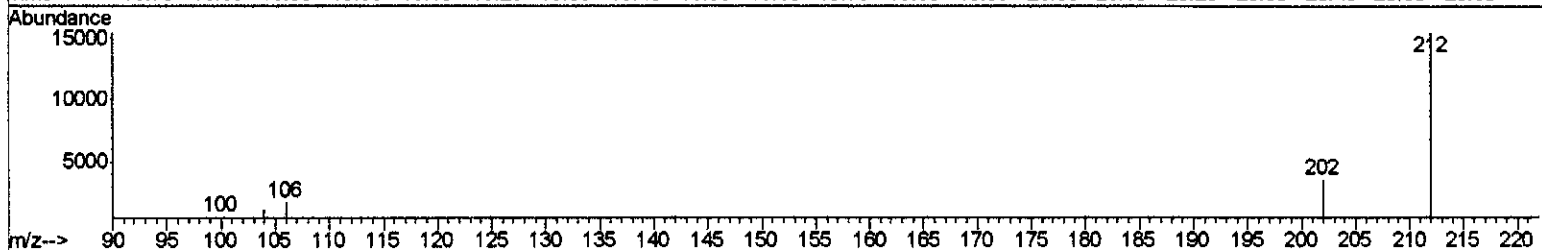
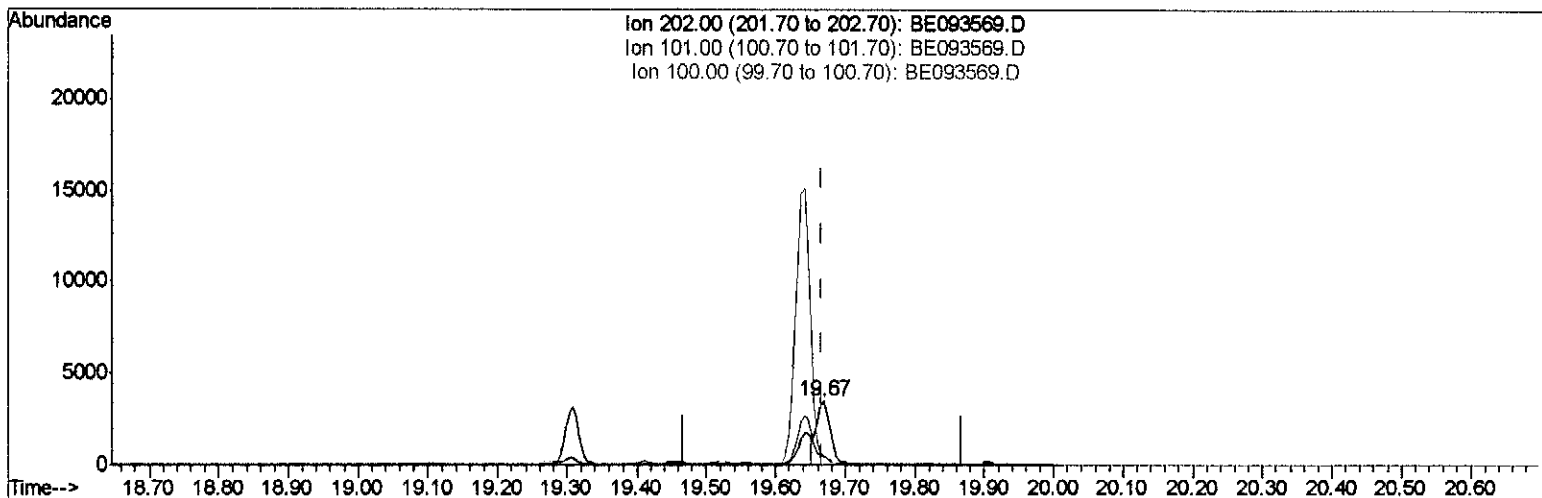
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:16:05 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



TIC: BE093569.D

(17) Pyrene

19.668min (-0.000) 0.07ng/ul m

SJ & HIA

response 4797

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.79#
100.00	19.50	15.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

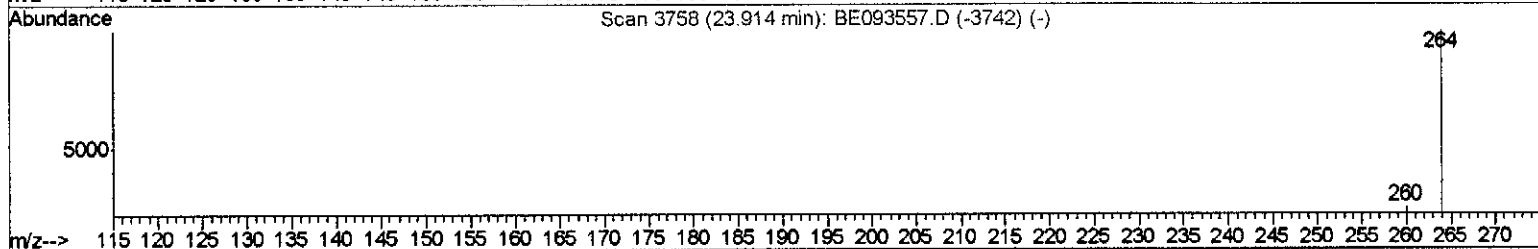
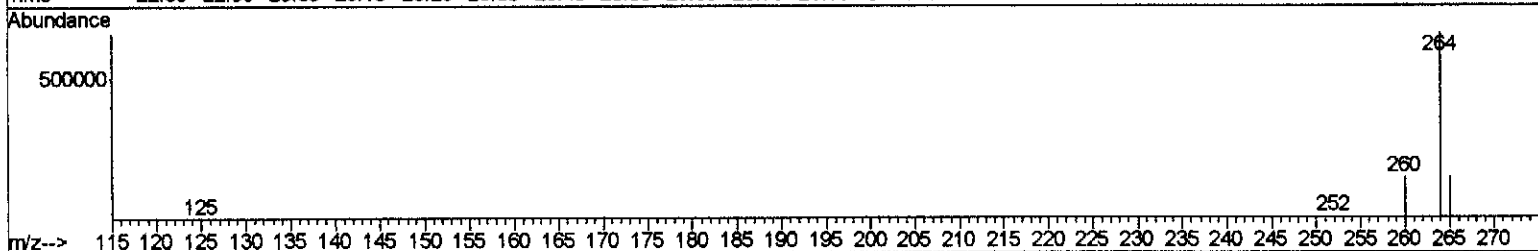
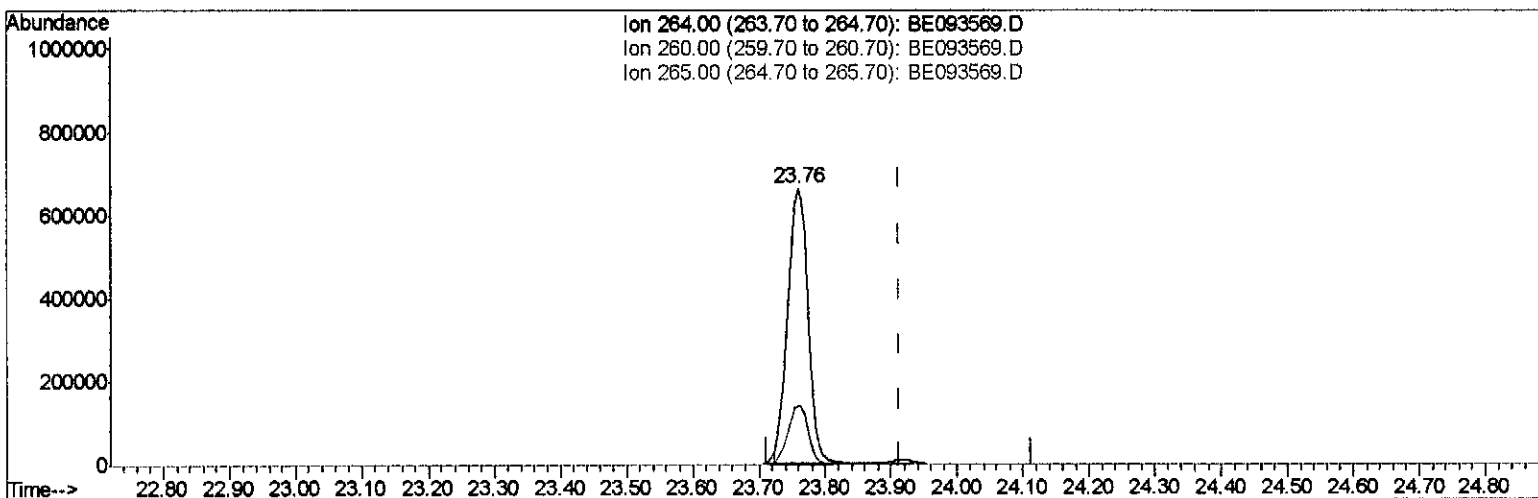
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:16:05 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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 Response via : Initial Calibration



TIC: BE093569.D

(20) Perylene-d12 (I)

23.759min (-0.155) 0.40ng/ul

response 1401244

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.04#
265.00	103.50	21.50#
0.00	0.00	0.00

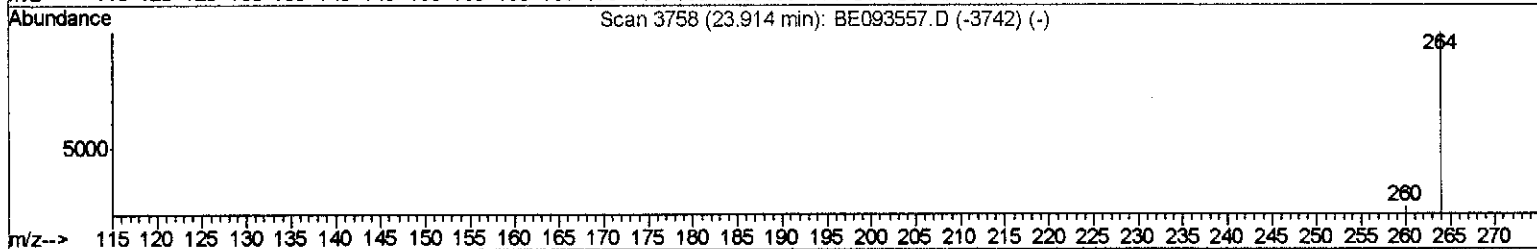
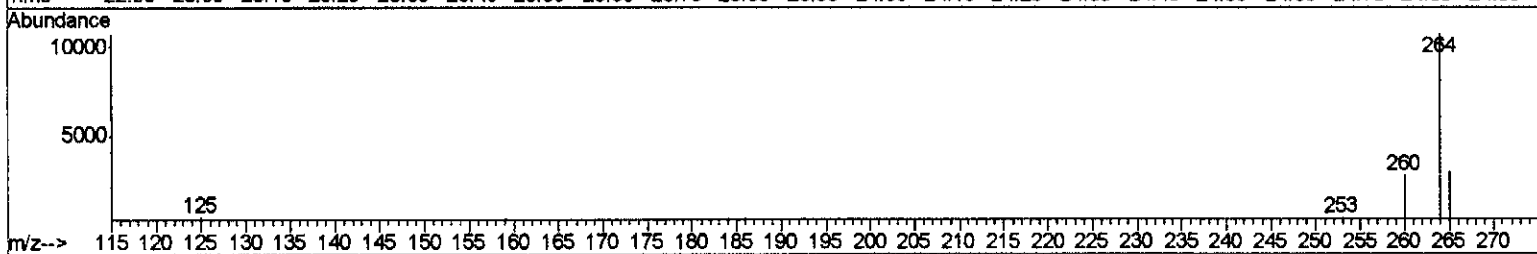
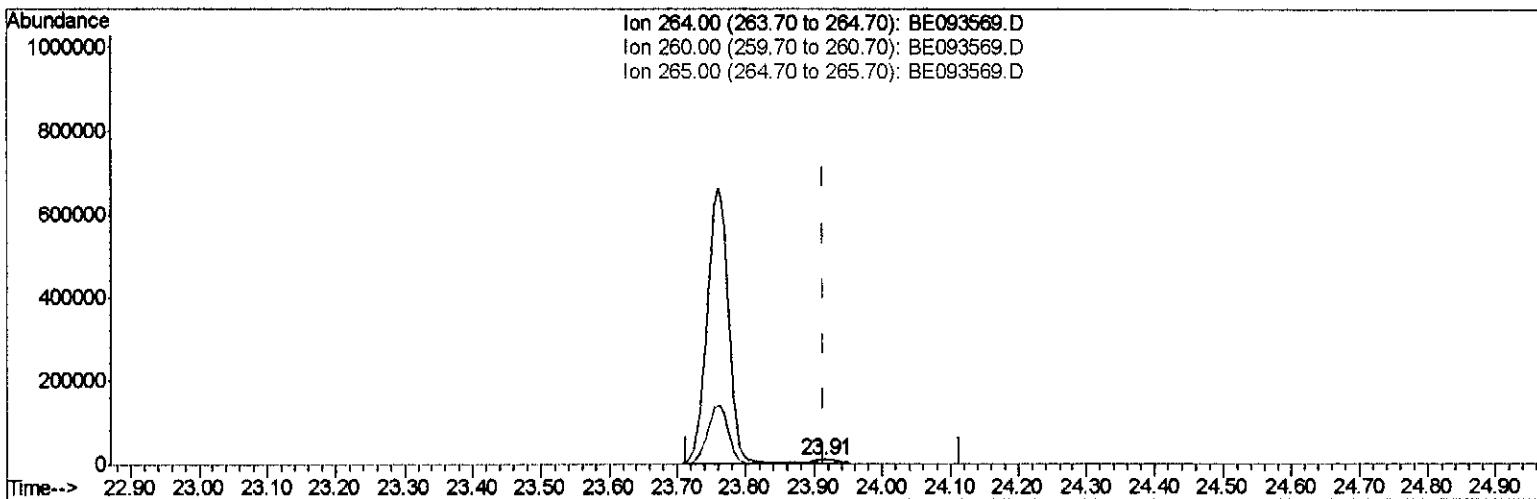
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:16:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093569.D

(20) Perylene-d12 (I)

23.914min (-0.000) 0.40ng/ul m

SJ 8/8/17

response 18584

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.48
265.00	103.50	26.72#
0.00	0.00	0.00

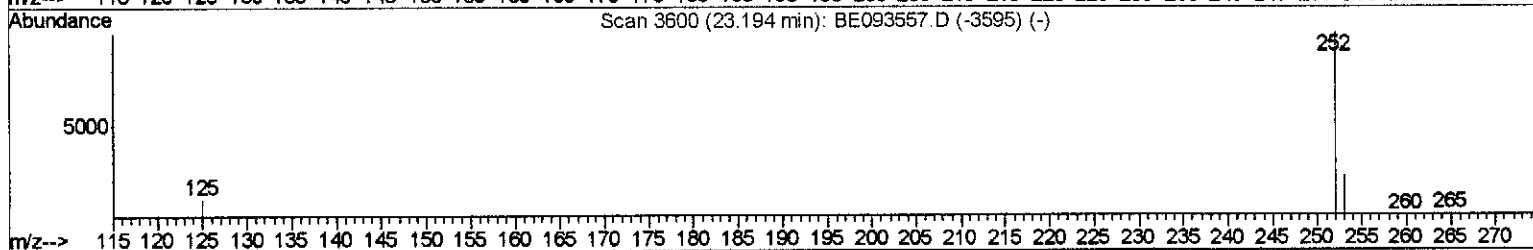
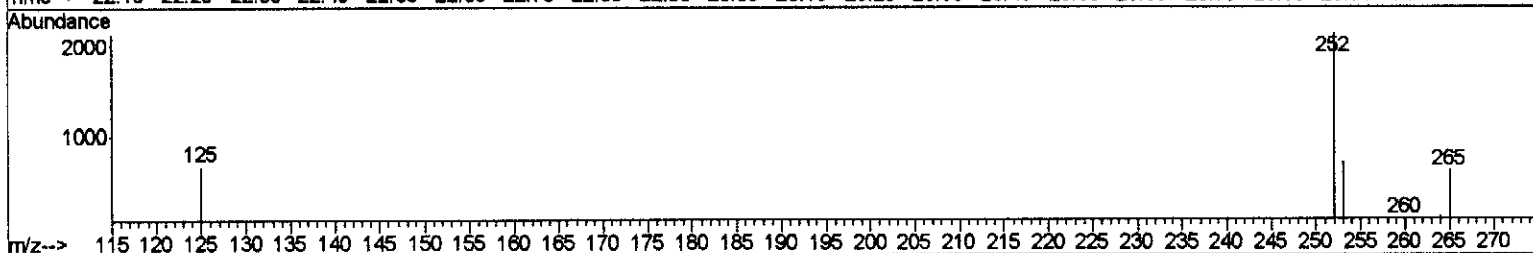
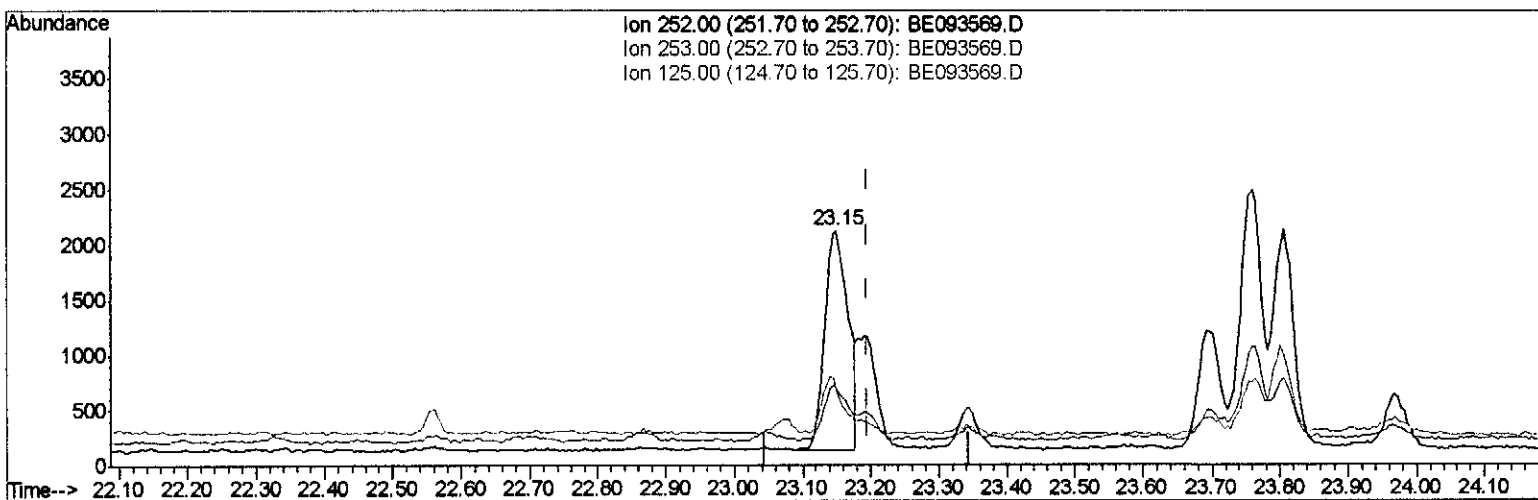
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 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



TIC: BE093569.D

(22) Benzo(k)fluoranthene

23.149min (-0.046) 0.08ng/ul

response 4742

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.43
125.00	17.10	31.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

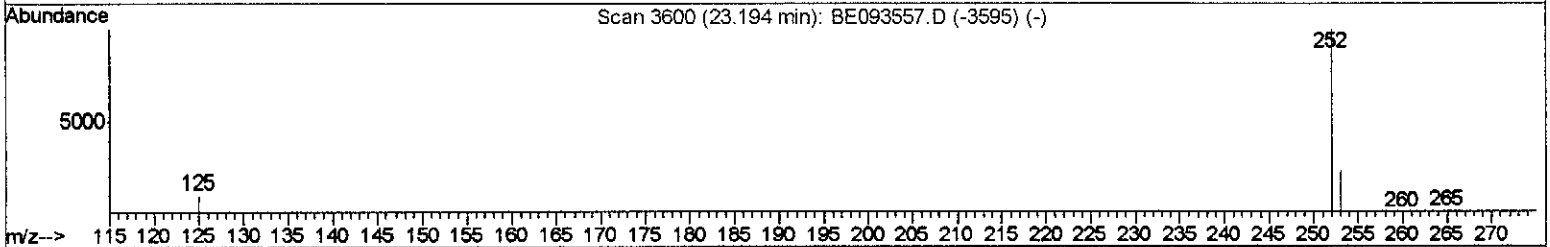
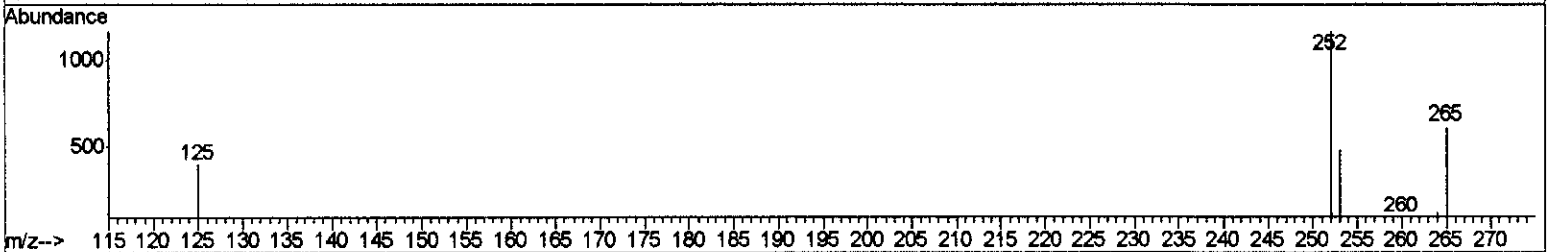
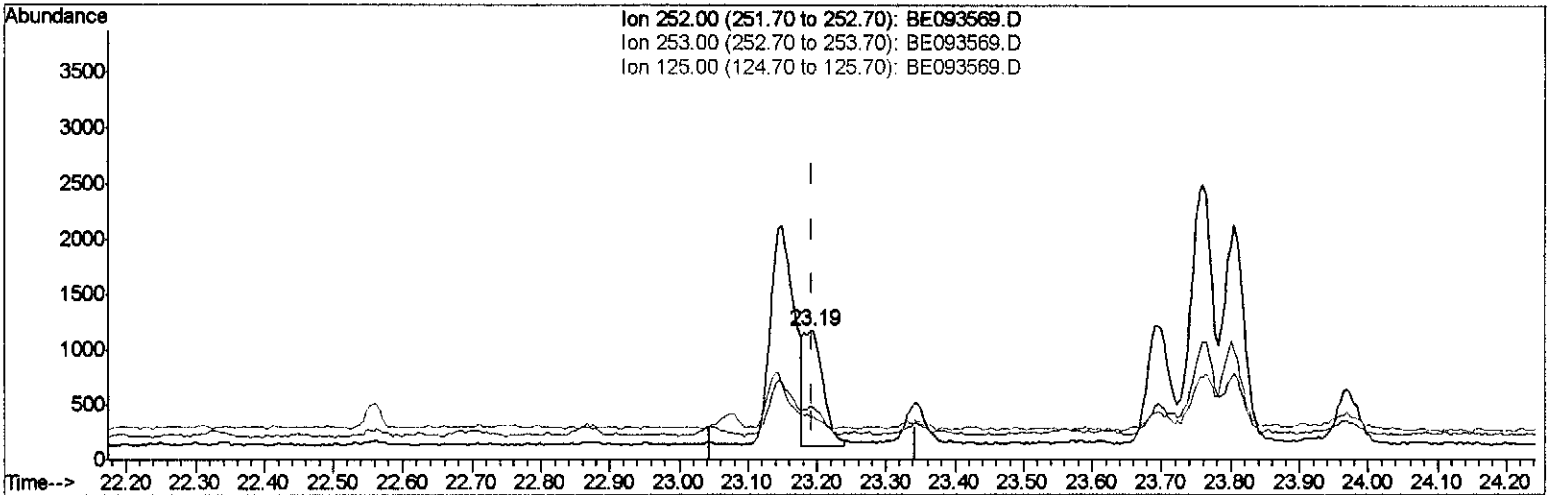
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 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



TIC: BE093569.D

(22) Benzo(k)fluoranthene

23.194min (-0.000) 0.04ng/ul m

response 2042

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.85#
125.00	17.10	33.59#
0.00	0.00	0.00

SJ
 8/8/17

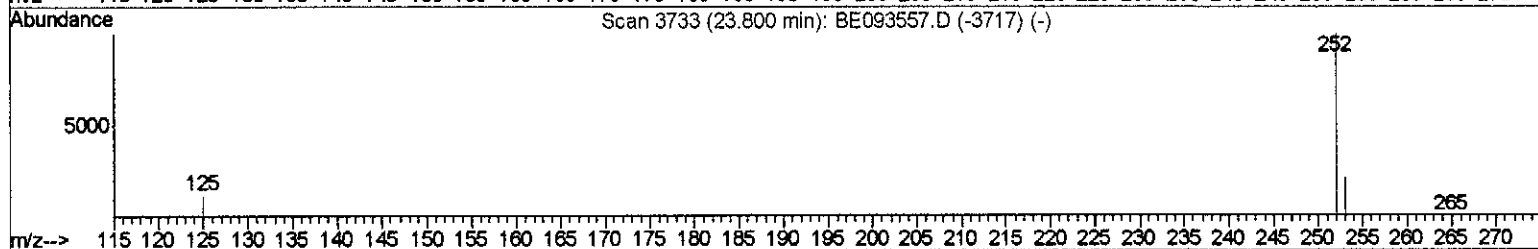
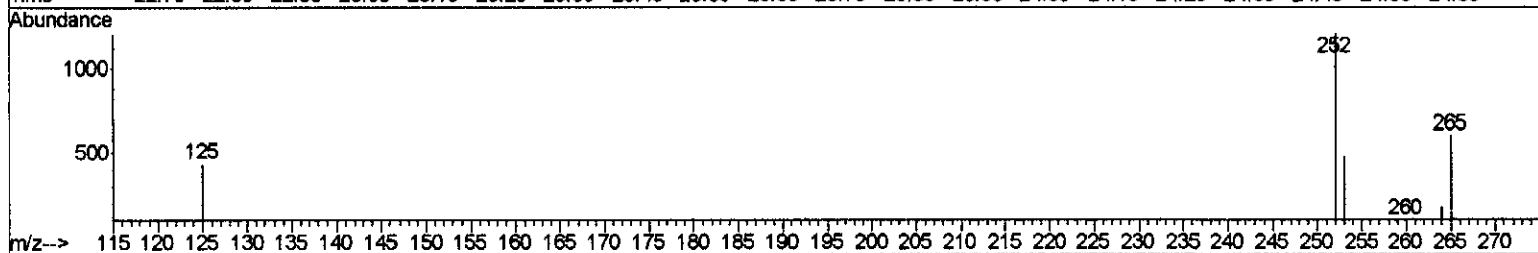
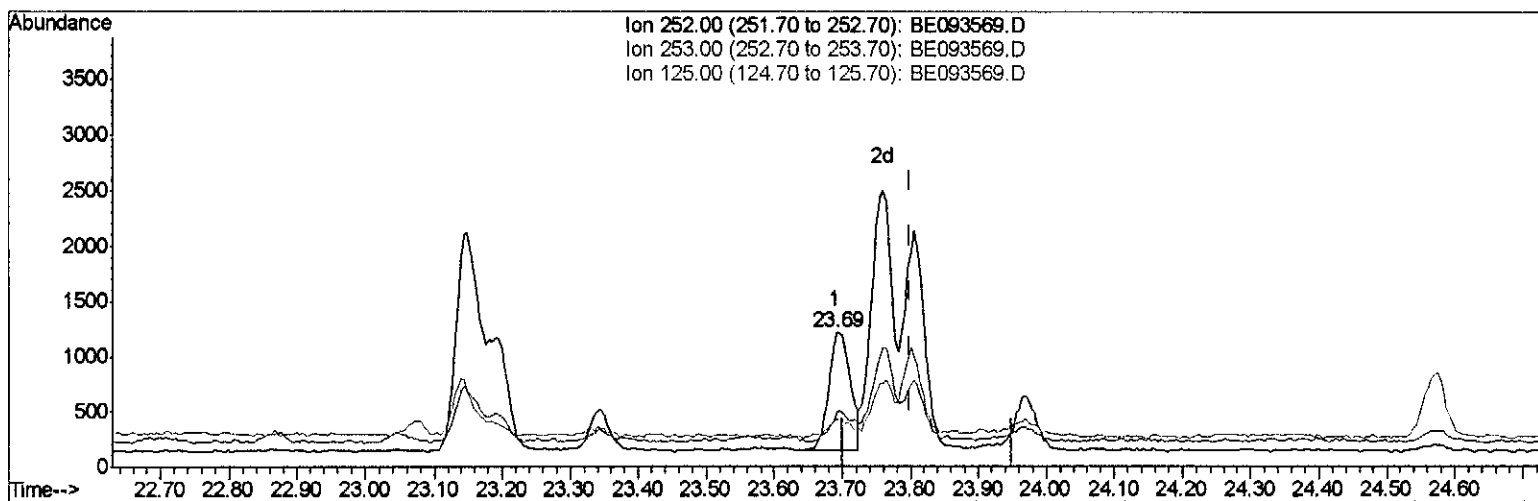
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093569.D

(23) Benzo(a)pyrene (C)

23.691min (-0.109) 0.04ng/ul

response 2435

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	39.75
125.00	22.60	35.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

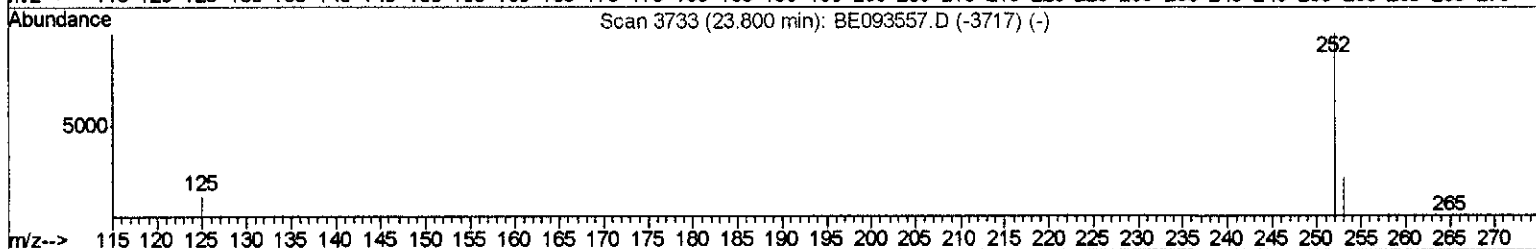
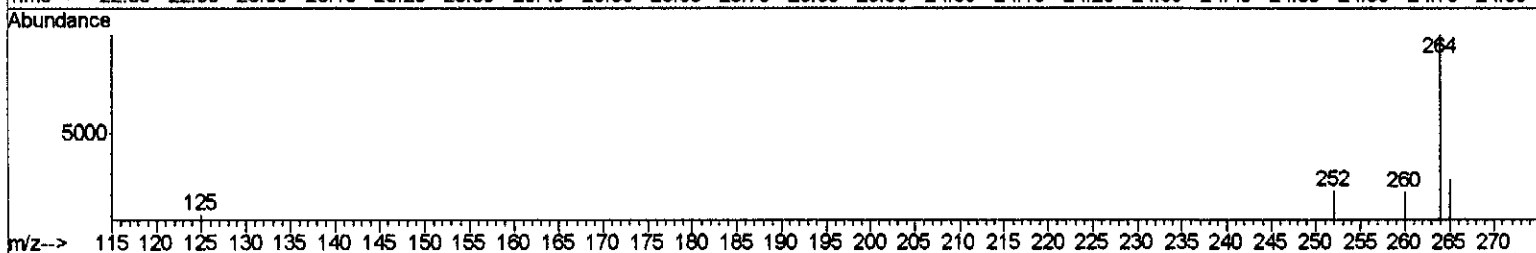
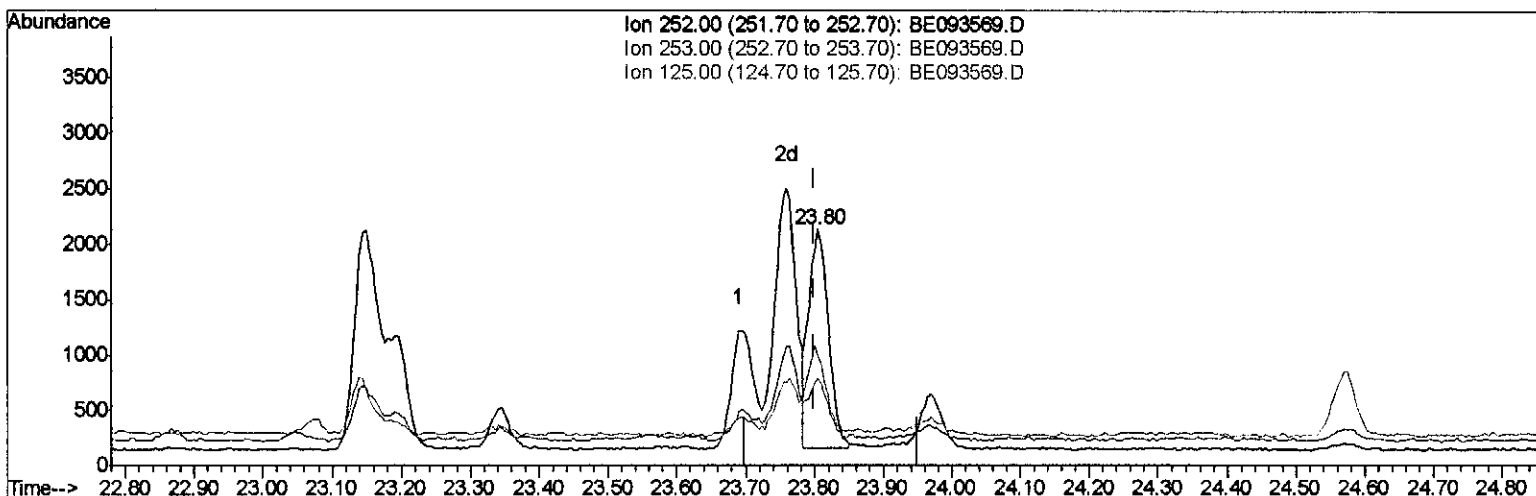
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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Response via : Initial Calibration



TIC: BE093569.D

(23) Benzo(a)pyrene (C)

23.805min (+0.004) 0.07ng/ul m

SJ 8/8/17

response 3969

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	37.11
125.00	22.60	47.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

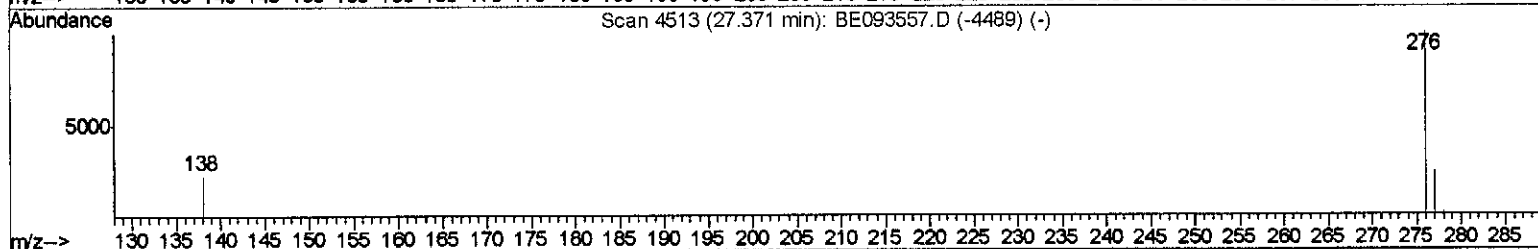
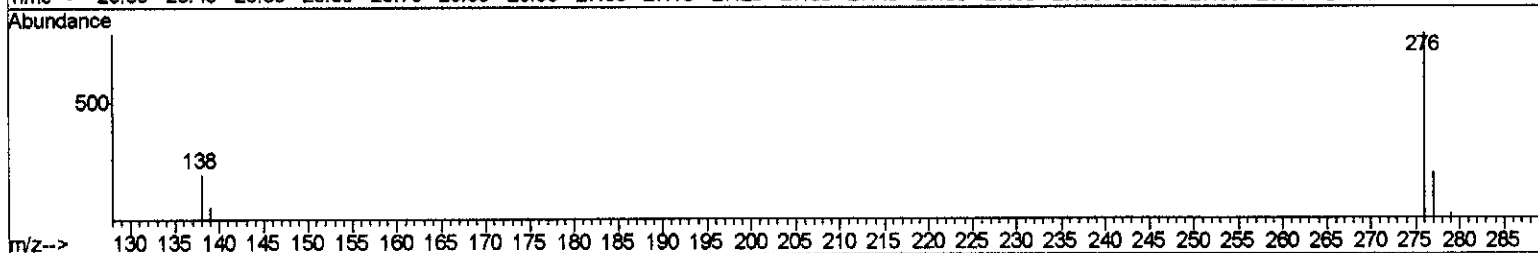
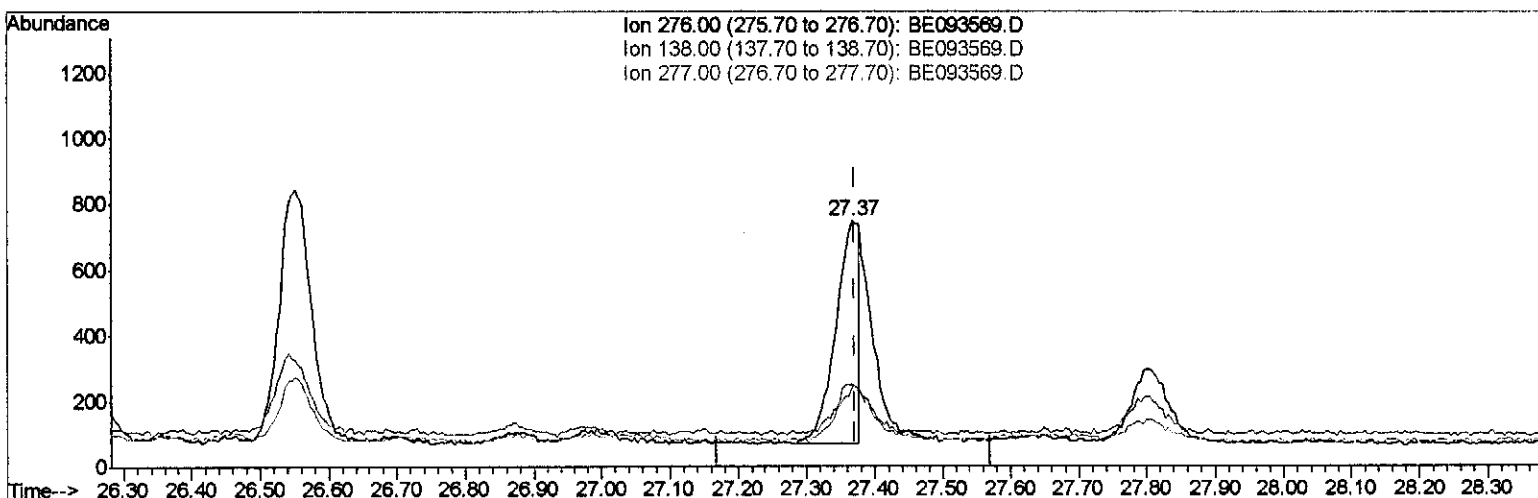
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093569.D

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

27.367min (-0.005) 0.03ng/ul

response 1583

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	33.29#
277.00	25.60	33.02#
0.00	0.00	0.00

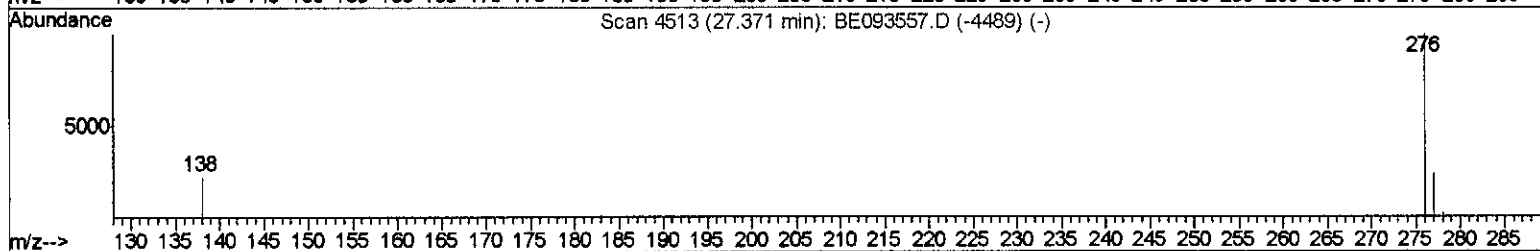
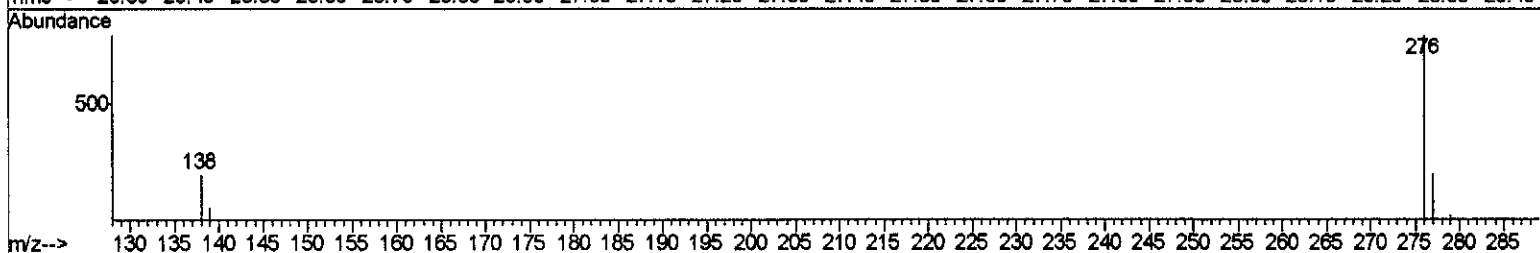
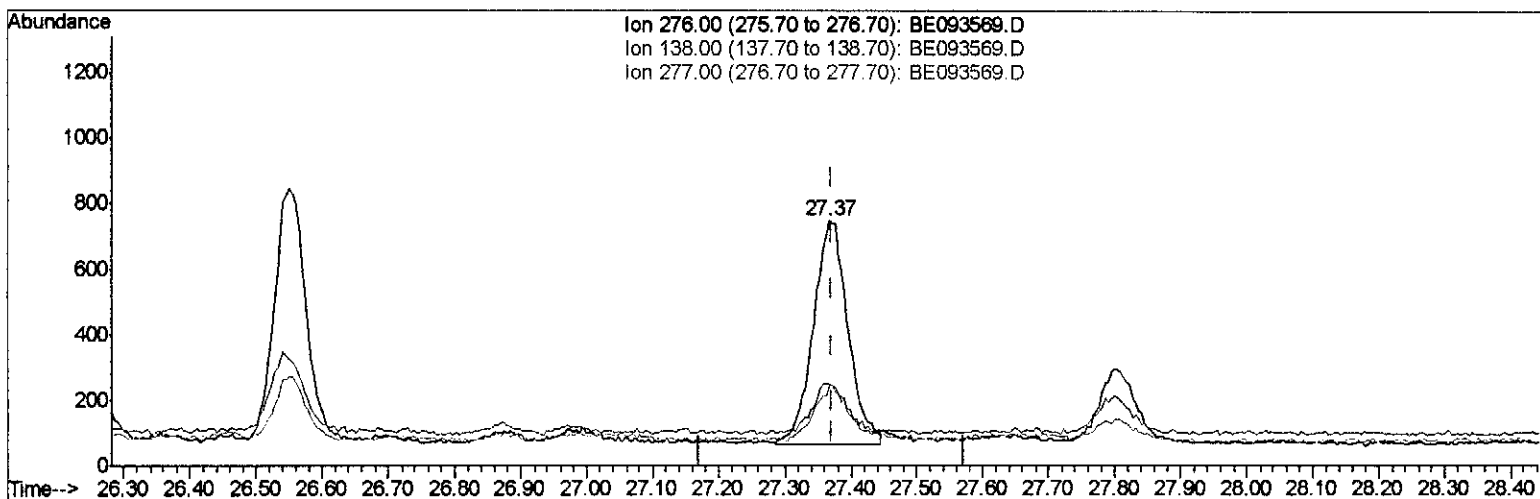
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 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



TIC: BE093569.D

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

27.367min (-0.005) 0.05ng/ul m

SJ 8/5/17

response 2501

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	33.29#
277.00	25.60	33.02#
0.00	0.00	0.00

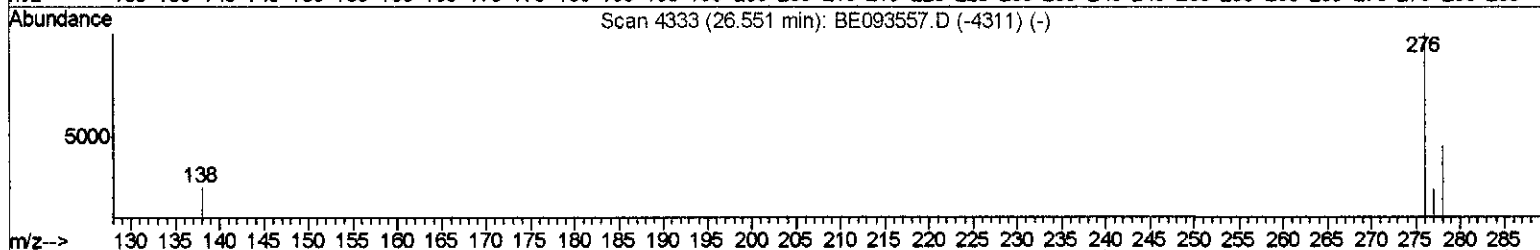
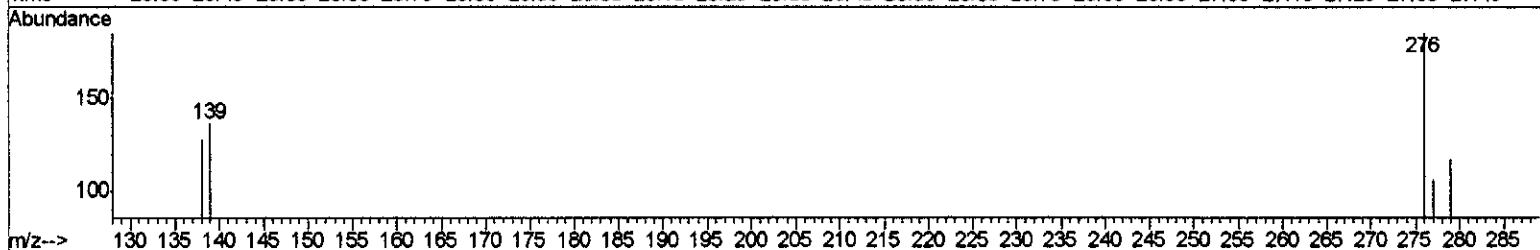
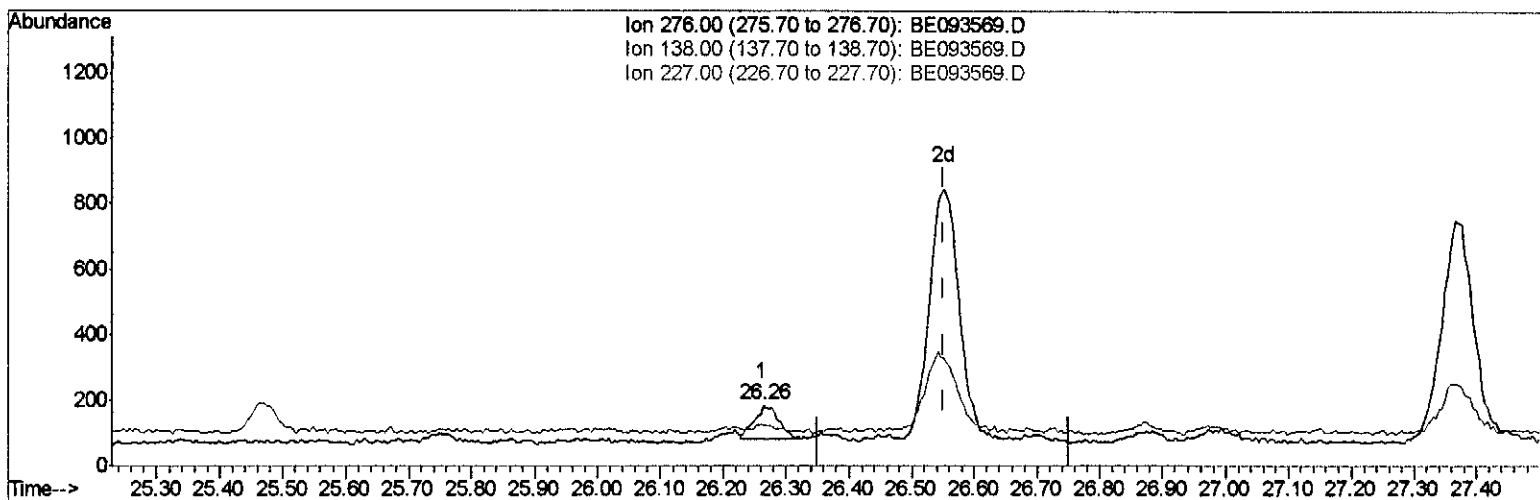
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093569.D
Acq On : 25 Jul 2017 10:04
Operator : SJ/JU
Sample : I4209-08
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B11

Manual Integrations
APPROVED

Sohil
7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093569.D

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

26.264min (-0.287) 0.00ng/ul

response 279

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	23.30#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

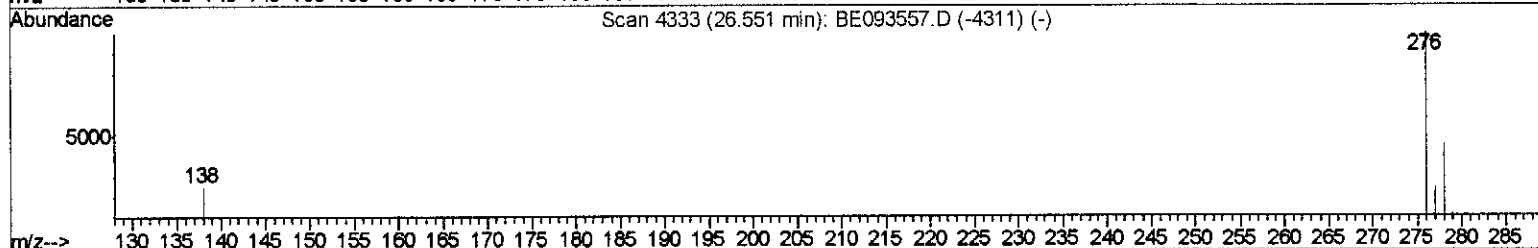
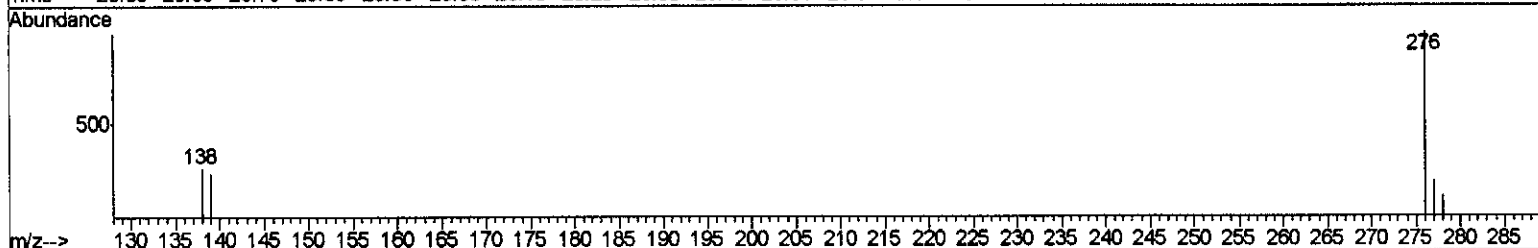
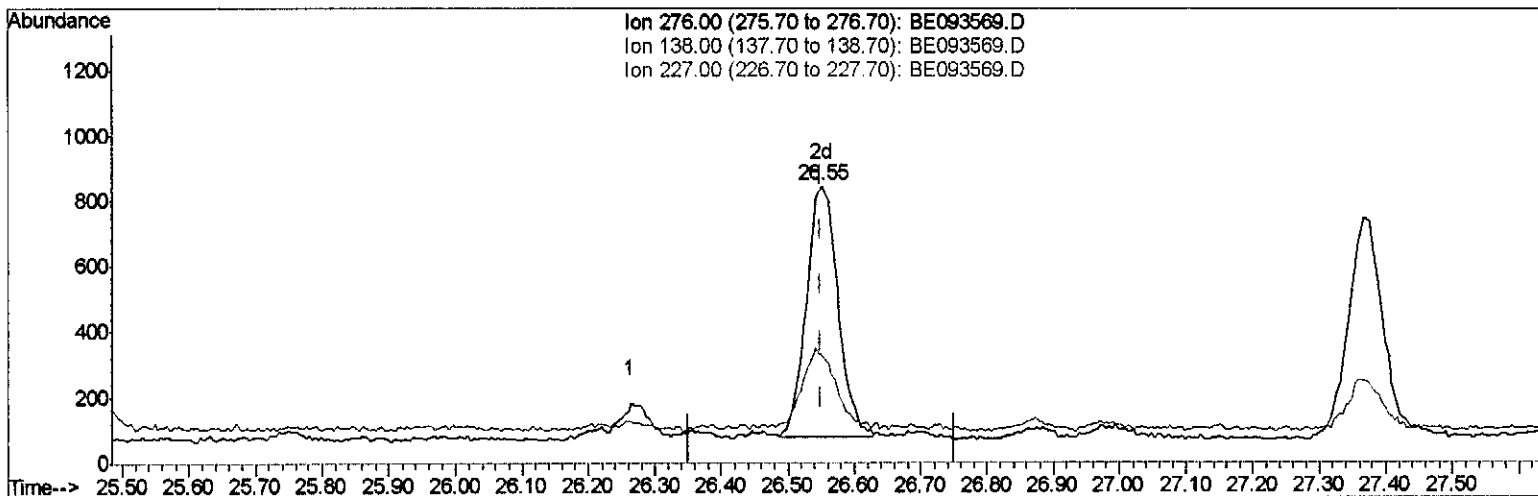
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:17:57 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



TIC: BE093569.D

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

26.551min (-0.000) 0.04ng/ul m

SJ 8/8/17

response 2552

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.55#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093569.D
 Acq On : 25 Jul 2017 10:04
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B11

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:34:15 PM

Quant Time: Jul 25 12:19:54 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2219	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	11997	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8151	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20370m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22336	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	18584m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	5568	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	18440	0.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1893	0.065	ng/ul#	93
12) Phenanthrene	17.29	178	1697	0.031	ng/ul#	90
15) Fluoranthene	19.31	202	4137	0.060	ng/ul	85
17) Pyrene	19.67	202	4797m	0.074	ng/ul	
18) Benzo(a)anthracene	21.39	228	2698	0.042	ng/ul#	89
19) Chrysene	21.45	228	2985	0.048	ng/ul	93
21) Benzo(b)fluoranthene	23.15	252	4742	0.082	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	2042m	0.036	ng/ul	
23) Benzo(a)pyrene	23.80	252	3969m	0.073	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	2552m	0.042	ng/ul	
26) Benzo(g,h,i)perylene	27.37	276	2501m	0.049	ng/ul	

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