

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (QT Reviewed)

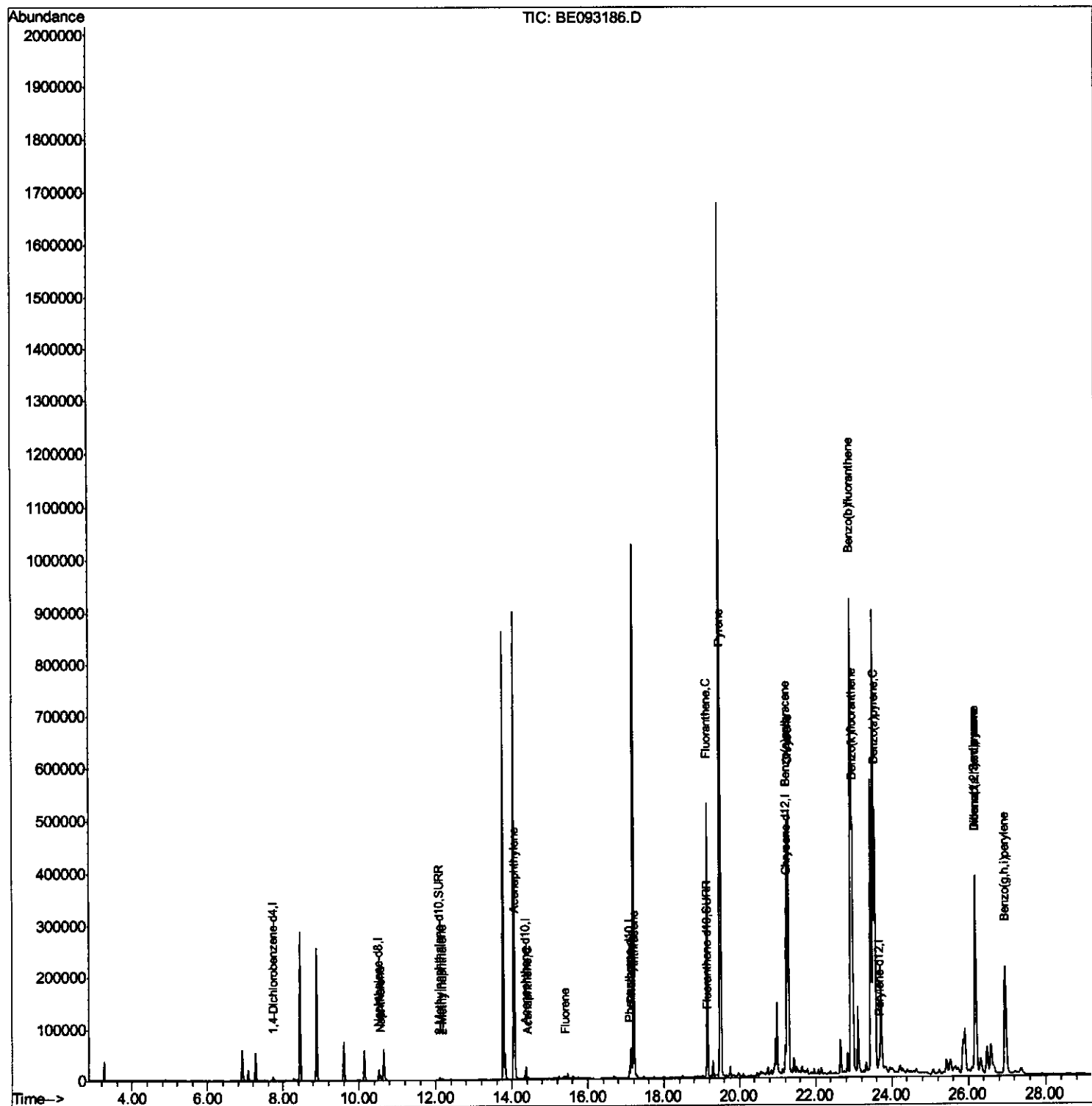
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:40:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (Qedit)

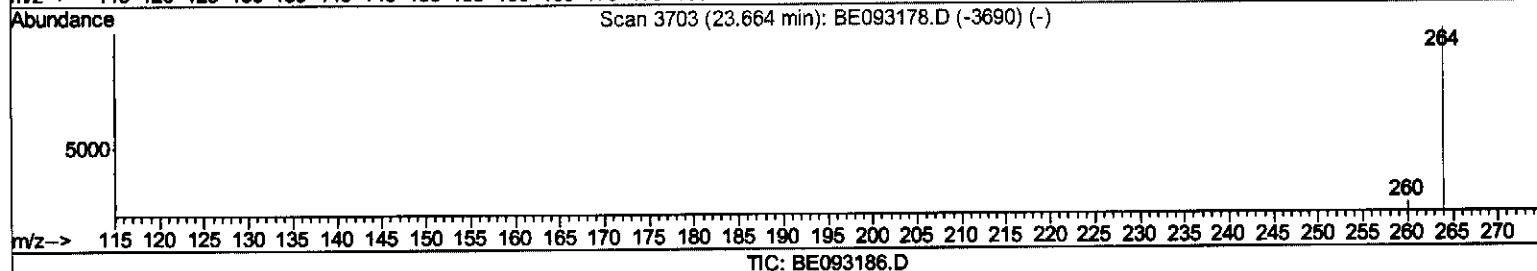
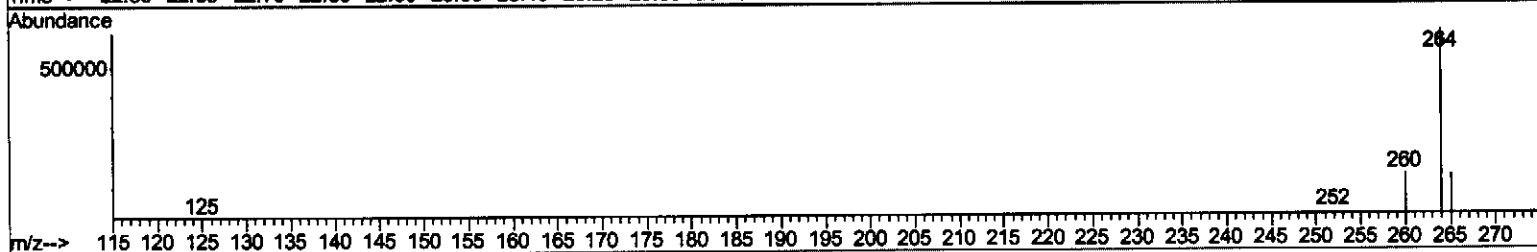
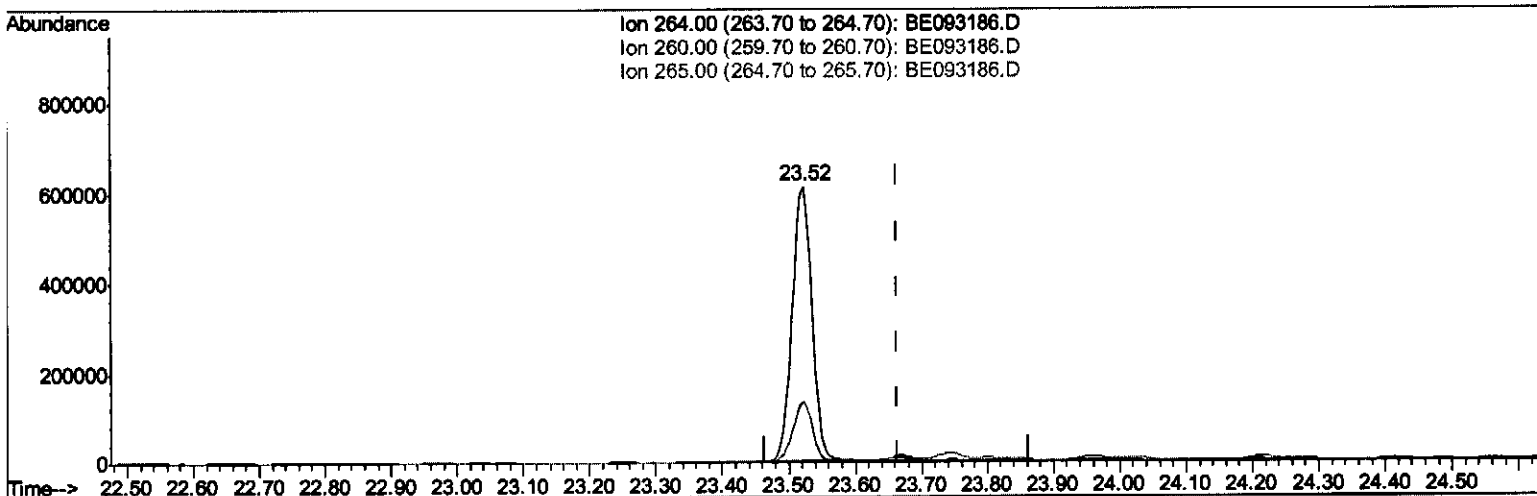
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:01:07 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



(20) Perylene-d12 (I)
23.523min (-0.141) 0.40ng/ui
response 1270531

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.10#
265.00	103.50	21.81#
0.00	0.00	0.00

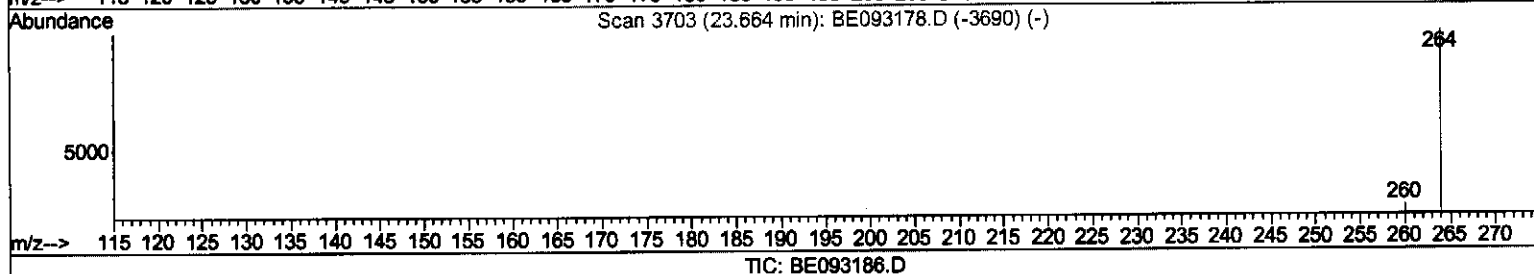
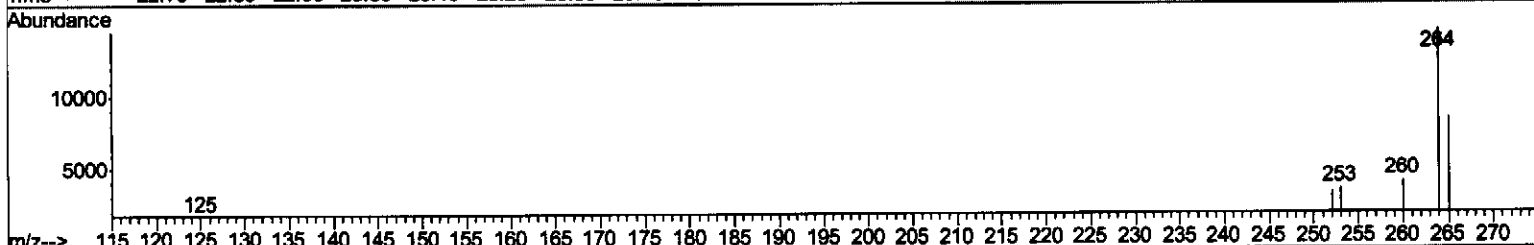
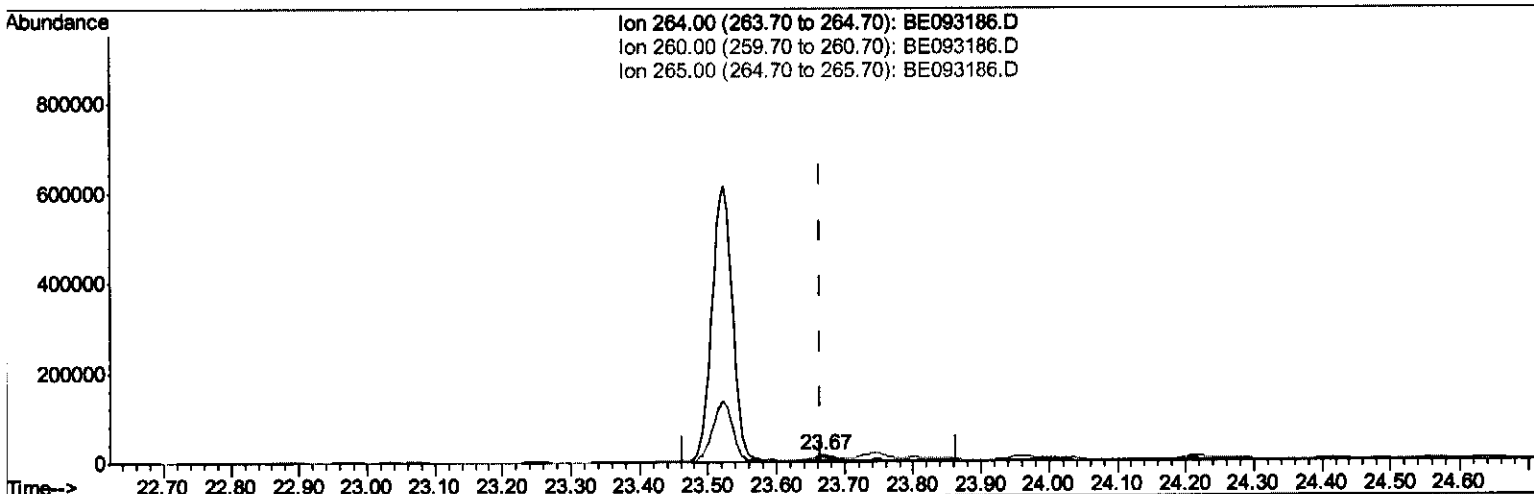
Data File : BE093186.D
 Acq On : 15 Jun 2017 1:17
 Operator : SJ/MA
 Sample : I3522-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5C66

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:01:07 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 03:59:13 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.669min (+0.005) 0.40ng/ul m

response 26074

SJ
 06/21/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.12
265.00	103.50	56.89#
0.00	0.00	0.00

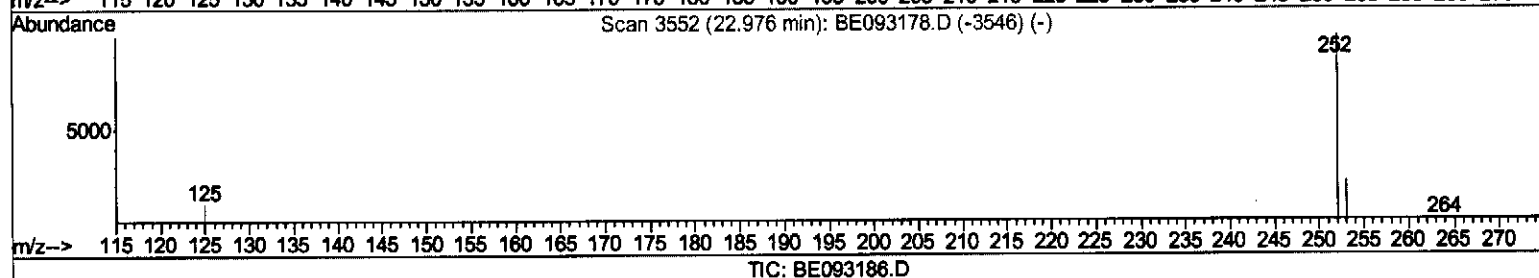
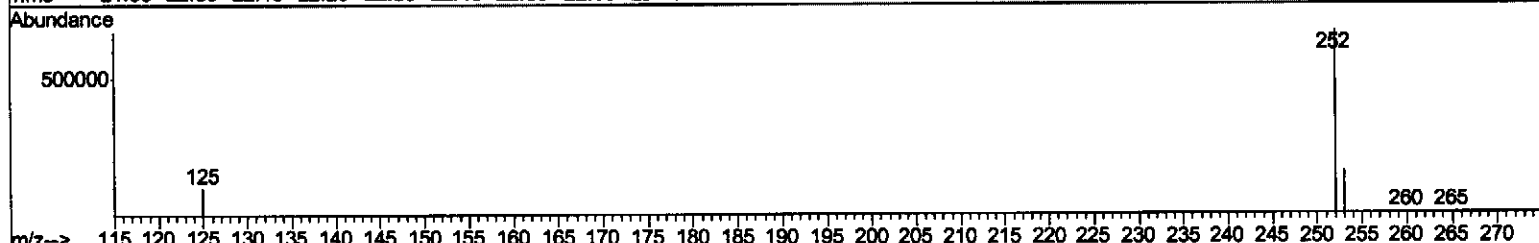
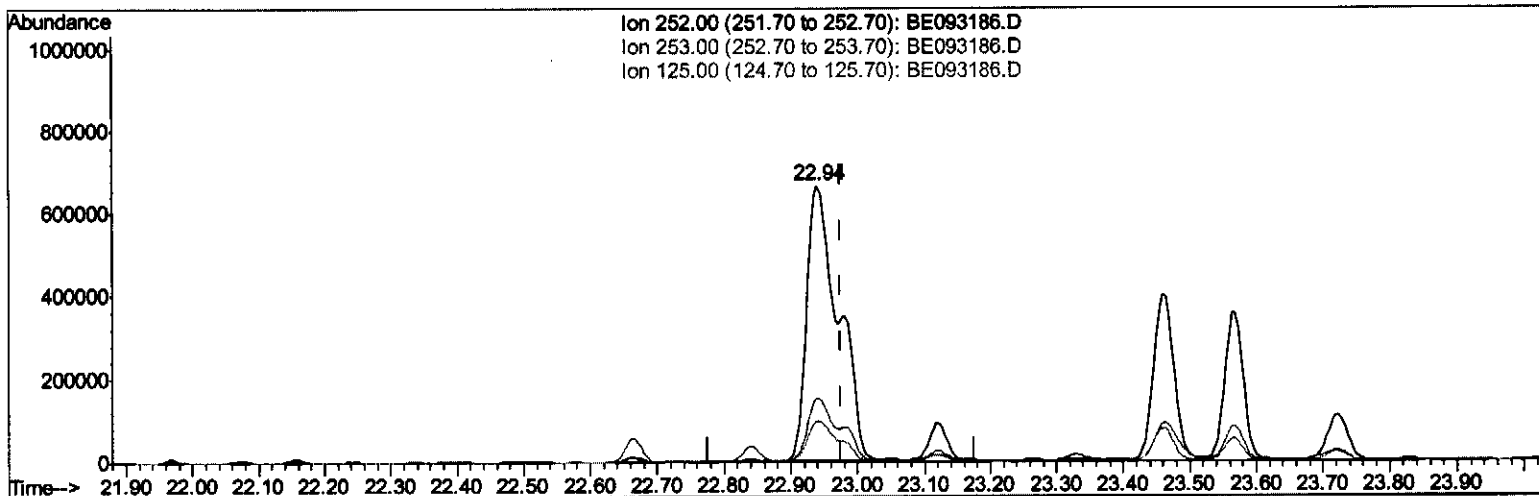
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:39:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.940min (-0.036) 25.89ng/ui

response 2175639

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.19#
125.00	17.10	14.85
0.00	0.00	0.00

Data File : BE093186.D

Acq On : 15 Jun 2017 1:17

Operator : SJ/MA

Sample : I3522-01

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C66

Manual Integrations
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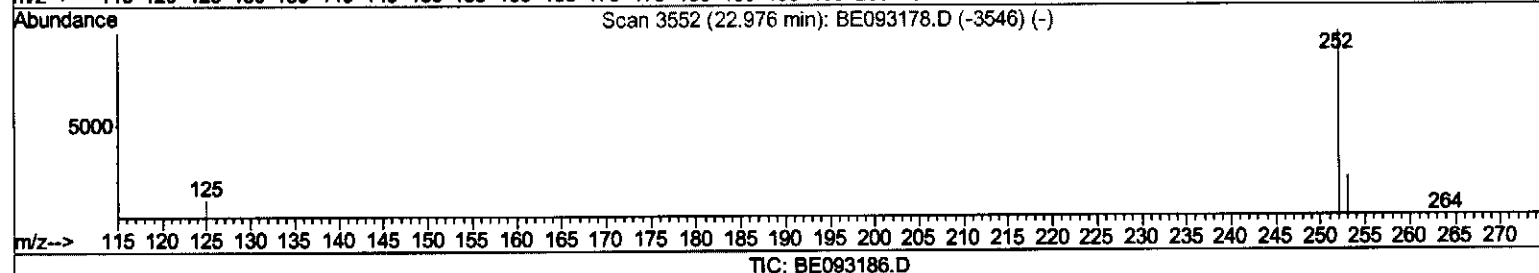
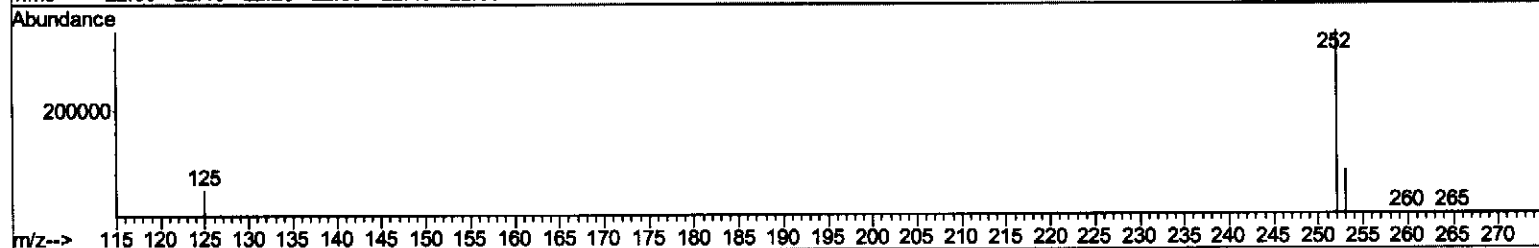
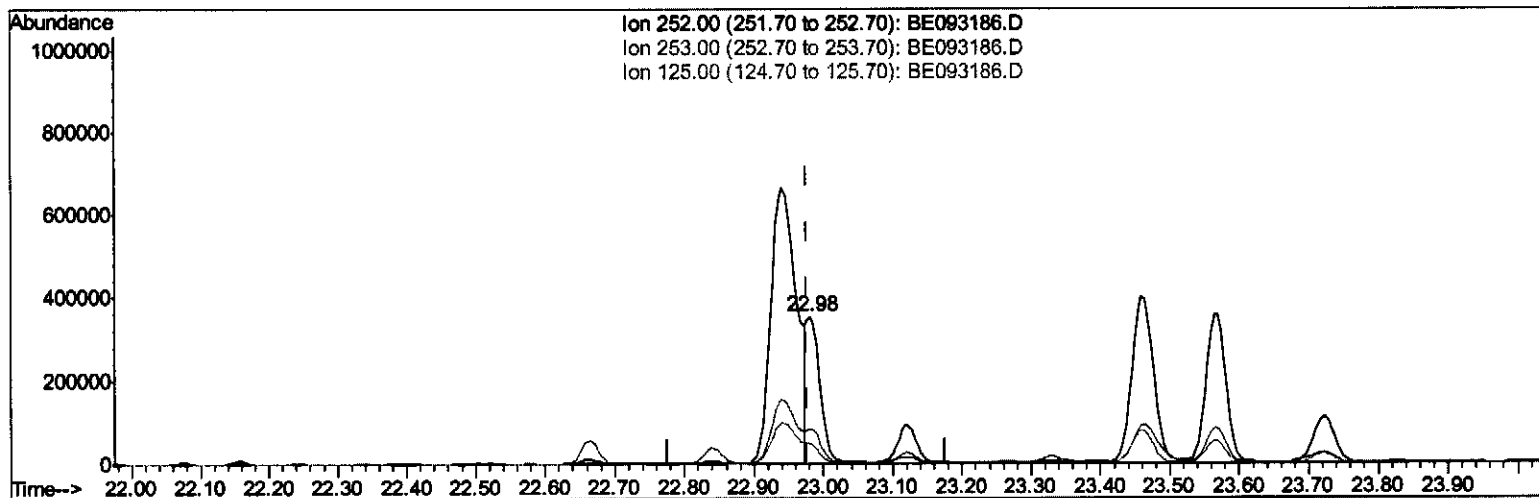
Quant Time: Jun 15 04:39:42 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.981min (+0.005) 5.85ng/ul m

response 491351

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.12#
125.00	17.10	13.96
0.00	0.00	0.00

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06/21/17

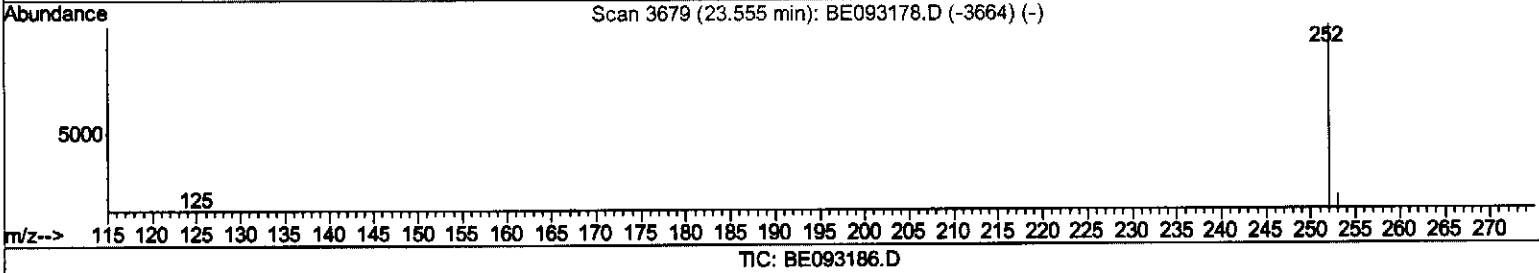
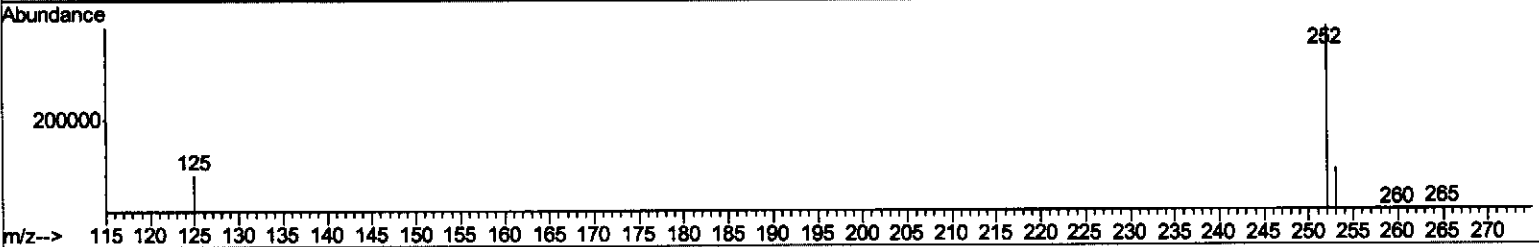
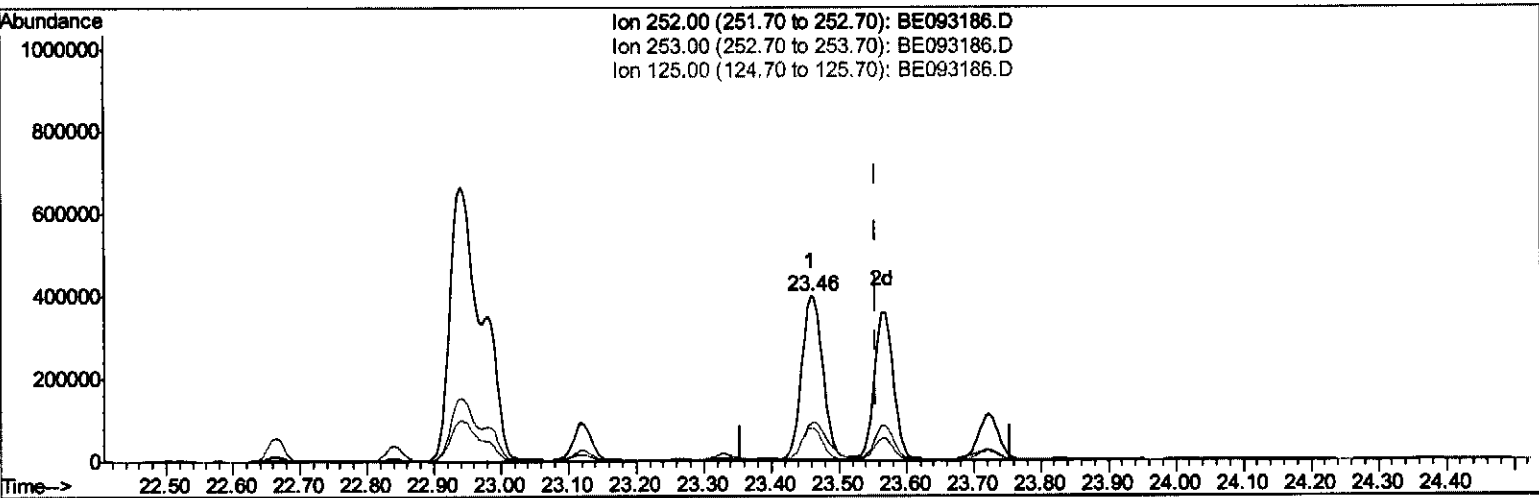
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:39:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.459min (-0.095) 11.46ng/ul

response 857651

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.96#
125.00	22.60	20.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (Qedit)

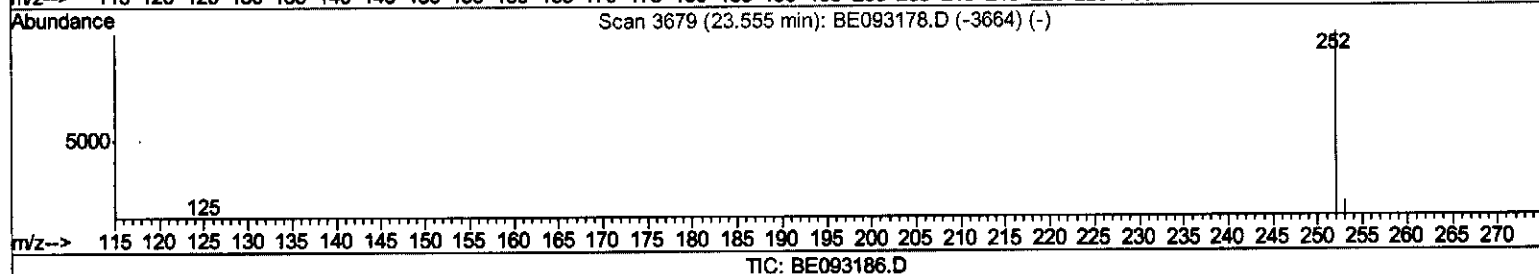
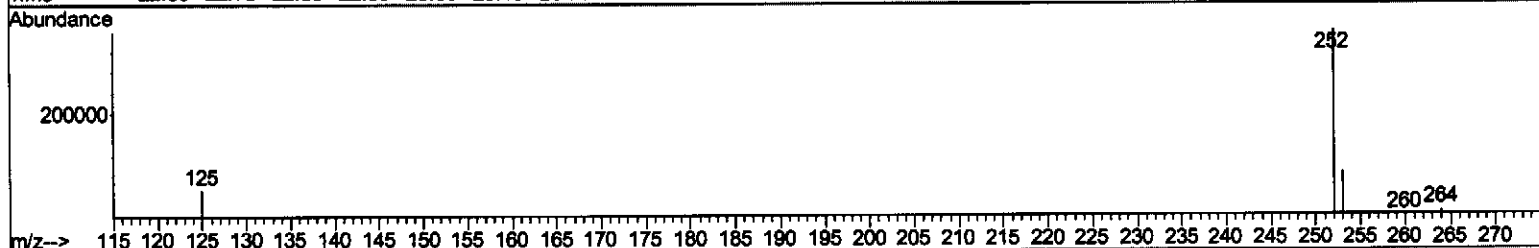
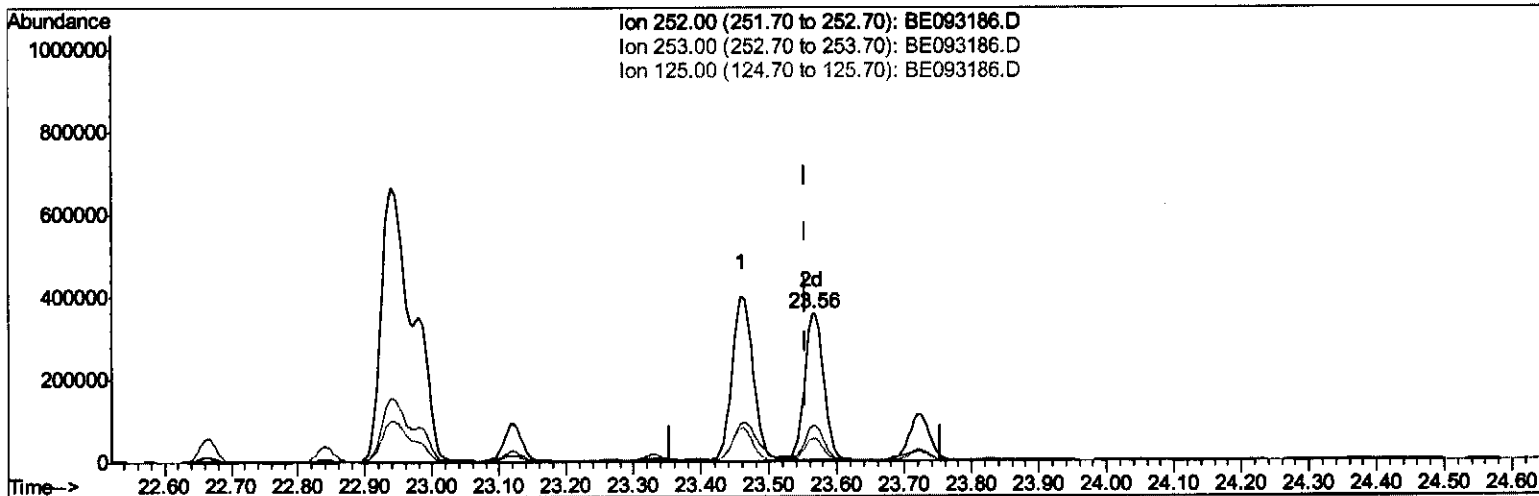
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:39:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.564min (+0.009) 9.36ng/ul m

response 700173

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.08#
125.00	22.60	15.31#
0.00	0.00	0.00

> SJ
06/21/17

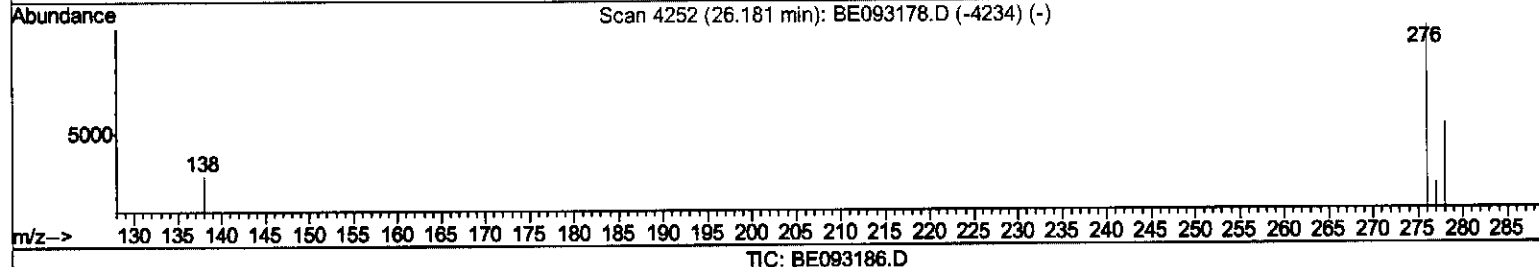
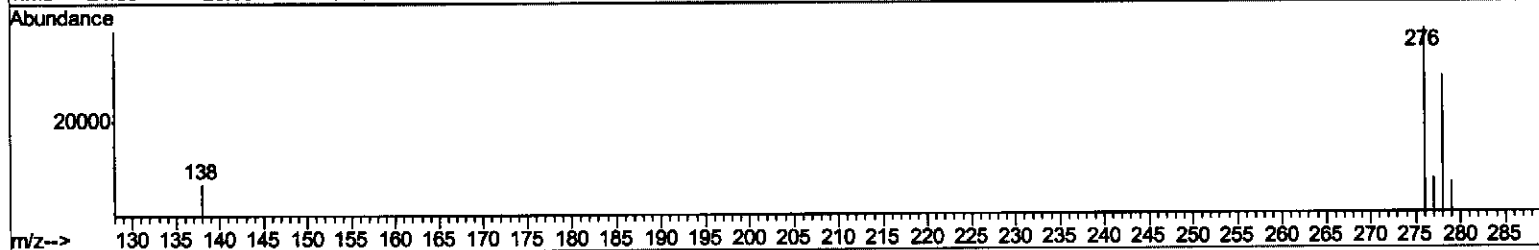
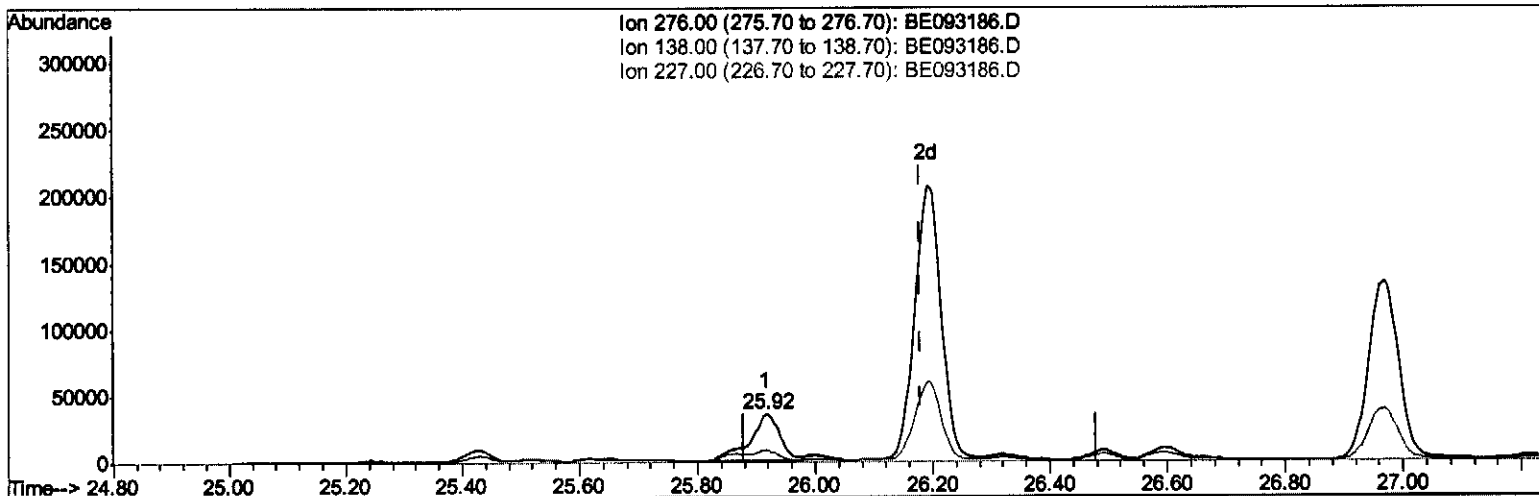
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:39:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
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(24) Indeno(1,2,3-cd)pyrene

25.917min (-0.264) 1.49ng/ui

response 128926

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	16.45#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093186.D

Acq On : 15 Jun 2017 1:17

Operator : SJ/MA

Sample : I3522-01

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C66

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:49 PM

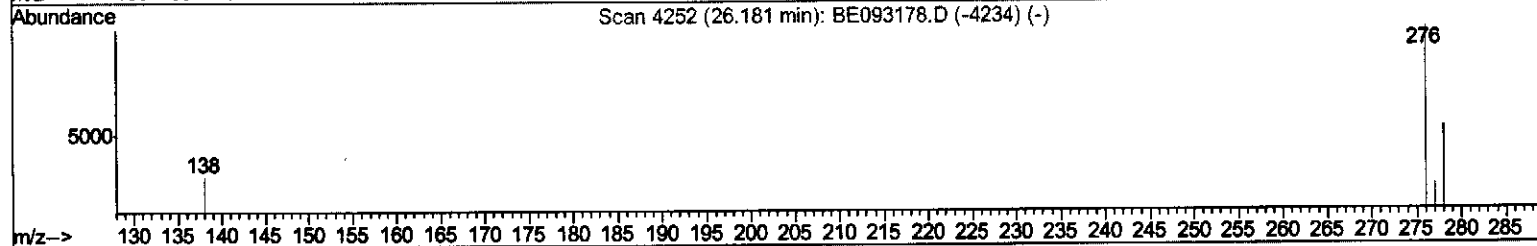
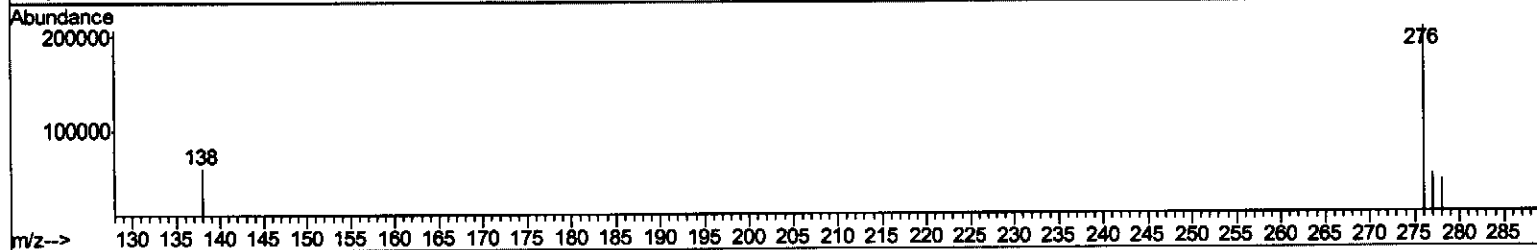
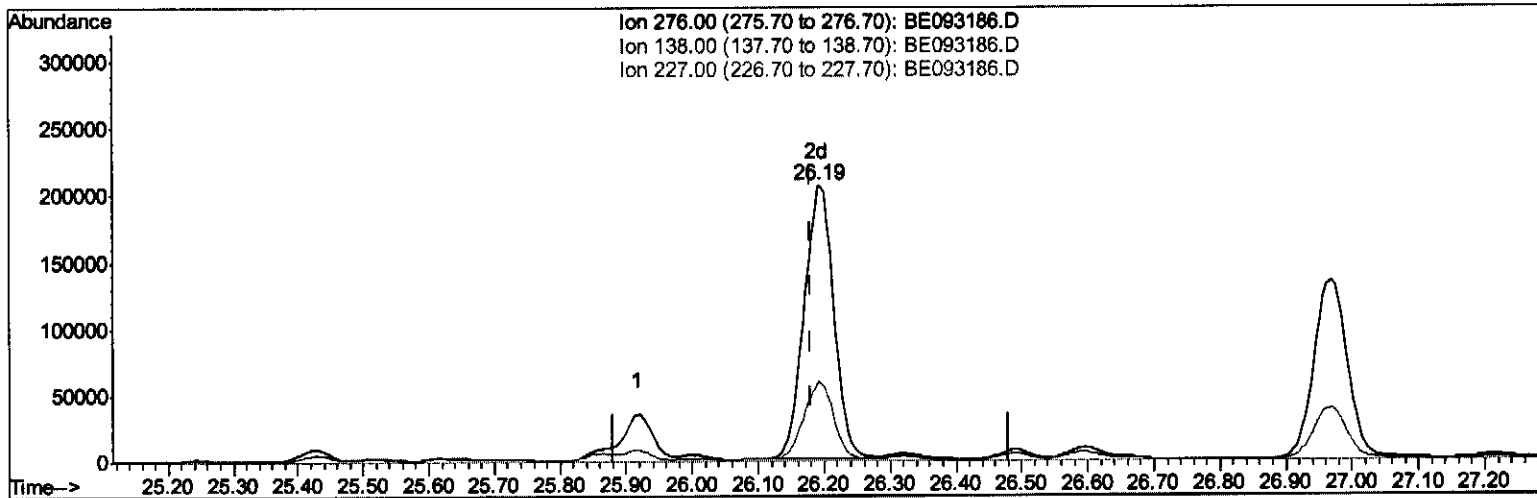
Quant Time: Jun 15 04:39:42 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



TIC: BE093186.D

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

26.191min (+0.010) 7.35ng/ul m

response 637099

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.33#
227.00	10.00	0.00#
0.00	0.00	0.00

> SJ
06/21/17

Data File : BE093186.D

Acq On : 15 Jun 2017 1:17

Operator : SJ/MA

Sample : I3522-01

Misc :

ALS Vial : 23 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C66

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:49 PM

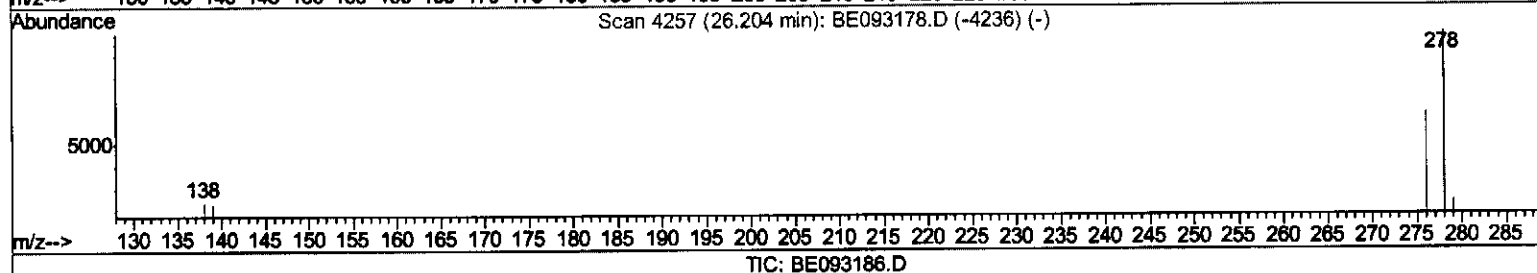
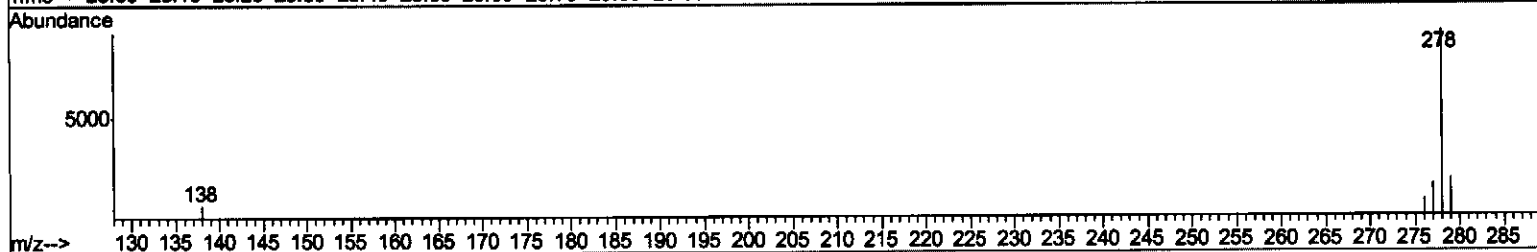
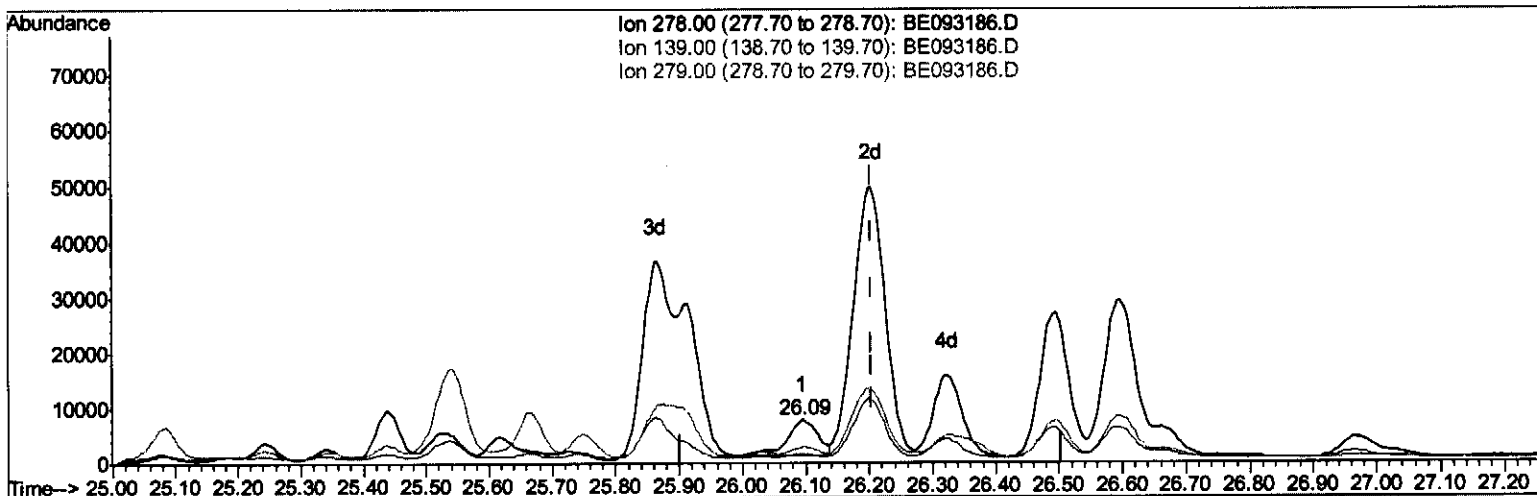
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Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

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TIC: BE093186.D

(25) Dibenzo(a,h)anthracene

26.095min (-0.109) 0.29ng/ul

response 21470

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	21.56
279.00	32.40	36.90
0.00	0.00	0.00

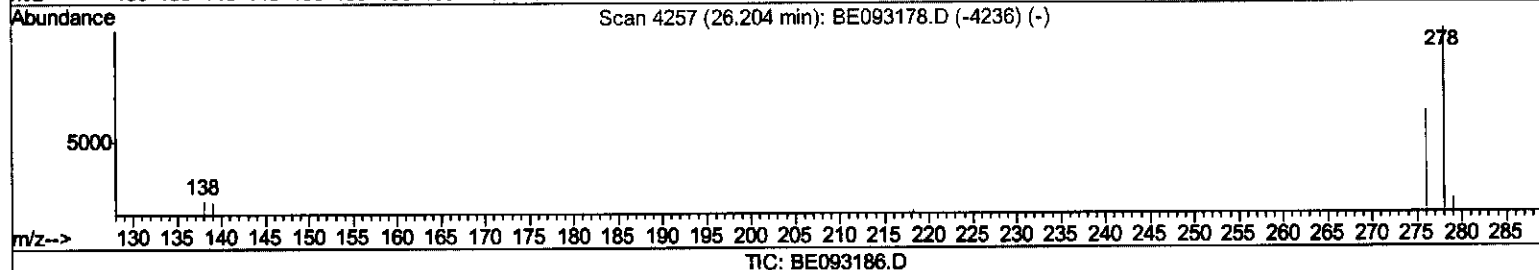
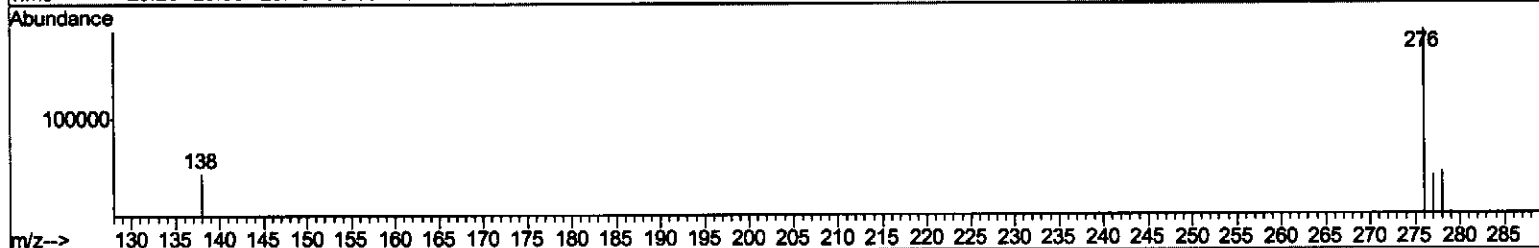
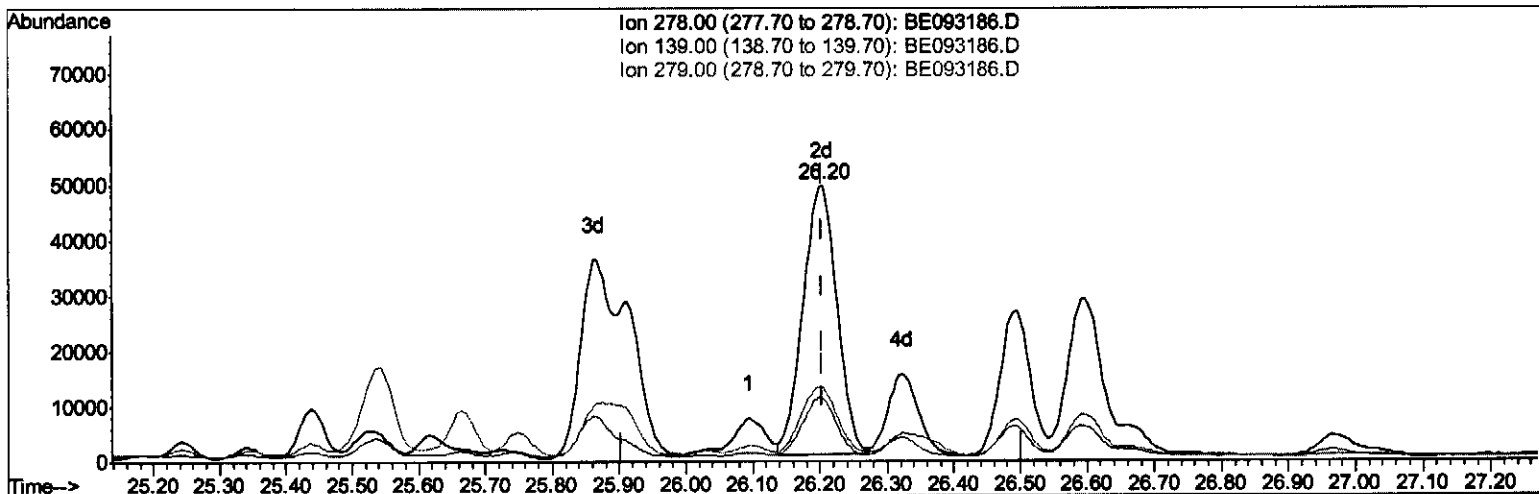
Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
Operator : SJ/MA
Sample : I3522-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C66

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:49 PM

Quant Time: Jun 15 04:39:42 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
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TIC: BE093186.D

(25) Dibenzo(a,h)anthracene

26.204min (+0.001) 2.34ng/ul m

response 170807

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	22.69
279.00	32.40	26.76
0.00	0.00	0.00

> JJ
06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Quantitation Report (QT Reviewed)

Data File : BE093186.D
Acq On : 15 Jun 2017 1:17
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ALS Vial : 23 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3848	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	20337	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12889	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	29592	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	29606	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	26074m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6979	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	18909	0.23	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	14666	0.29	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	3370	0.10	ng/ul	98
7) Acenaphthylene	14.09	152	105917	1.91	ng/ul	96
8) Acenaphthene	14.43	153	2731	0.06	ng/ul	97
9) Fluorene	15.42	166	3363	0.06	ng/ul	93
12) Phenanthrene	17.14	178	66190	0.81	ng/ul#	87
13) Anthracene	17.22	178	105809	1.49	ng/ul#	85
15) Fluoranthene	19.15	202	563070	5.64	ng/ul	84
17) Pyrene	19.52	202	728437	8.34	ng/ul#	86
18) Benzo(a)anthracene	21.24	228	388324	4.92	ng/ul#	84
19) Chrysene	21.30	228	675043	8.24	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	1694929	21.42	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	491351m	5.85	ng/ul	
23) Benzo(a)pyrene	23.56	252	700173m	9.36	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	637099m	7.35	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	170807m	2.34	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	473950	6.38	ng/ul	97

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