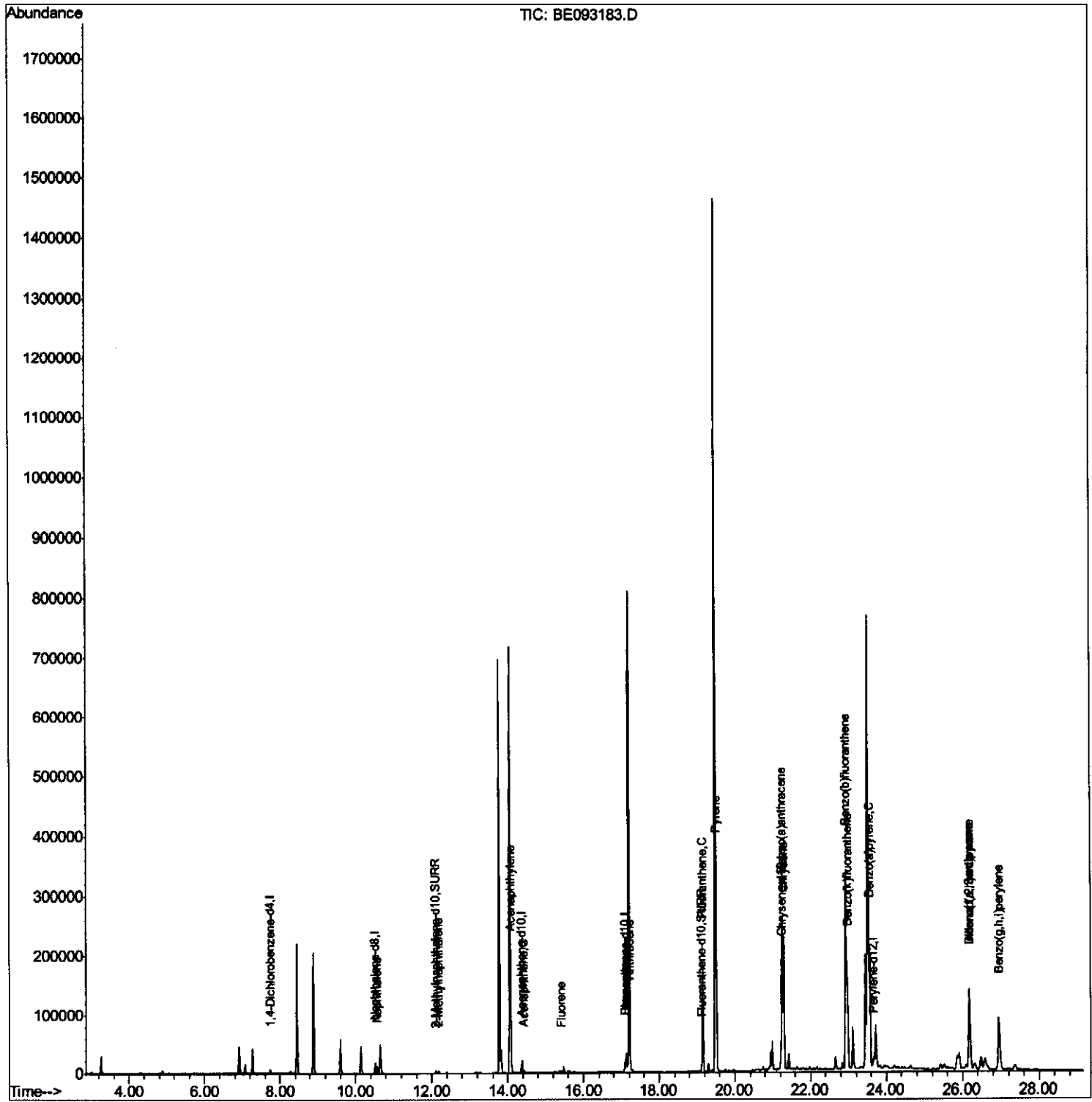


Data File : BE093183.D
Acq On : 14 Jun 2017 23:26
Operator : SJ/MA
Sample : I3520-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
Client Sampled :
F5B71

Manual Integrations
APPROVED
mohammad
6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:27:14 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

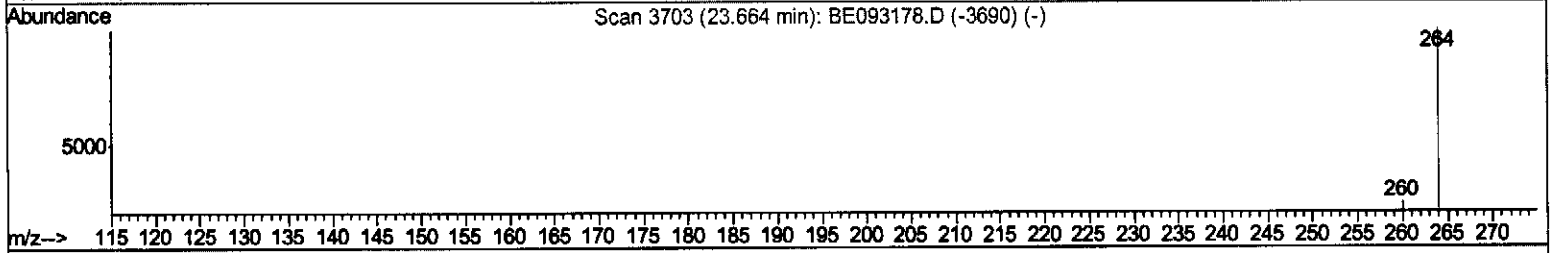
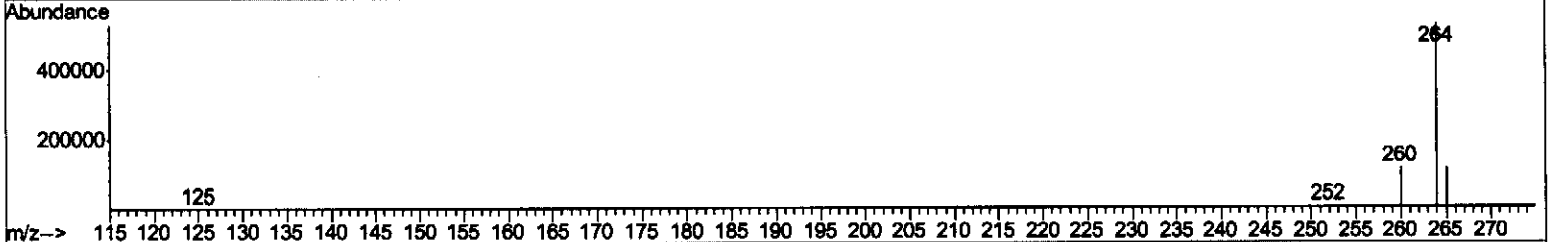
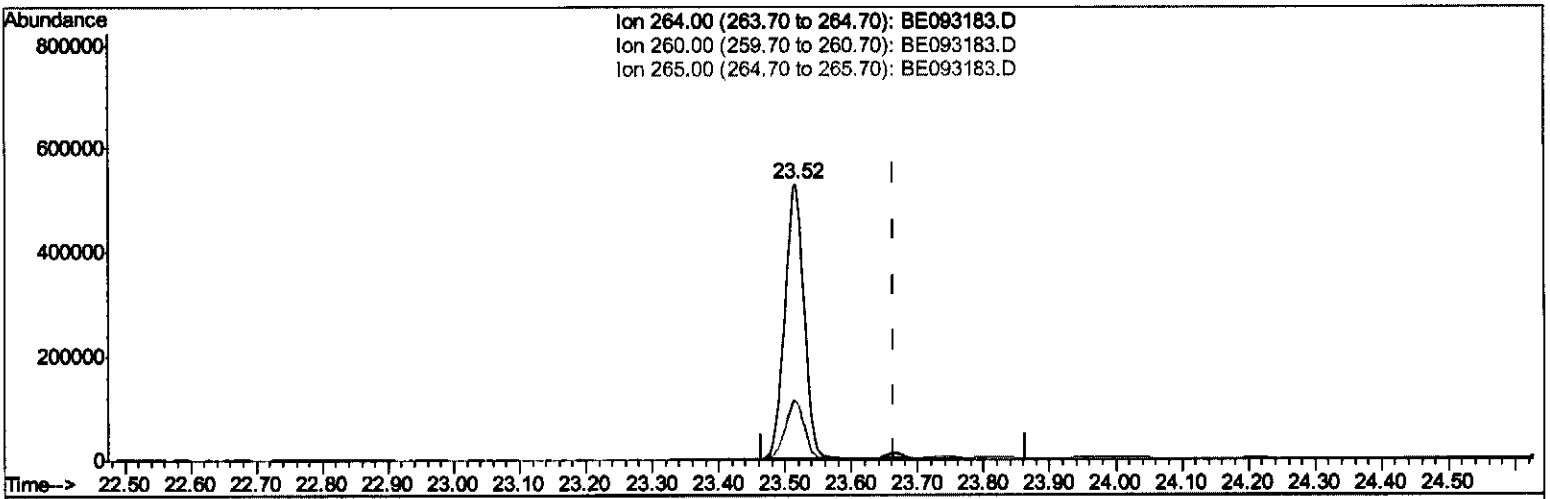


Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED
 mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:00:34 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



TIC: BE093183.D

(20) Perylene-d12 (I)

23.517min (-0.147) 0.40ng/ul

response 1067632

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.76#
265.00	103.50	21.67#
0.00	0.00	0.00

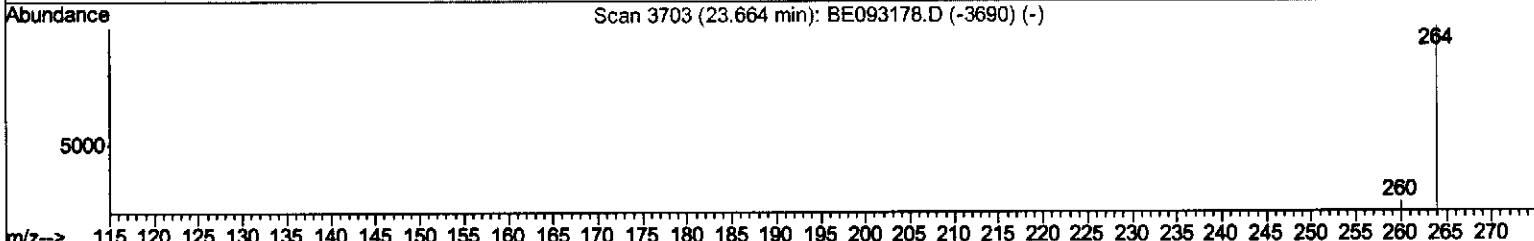
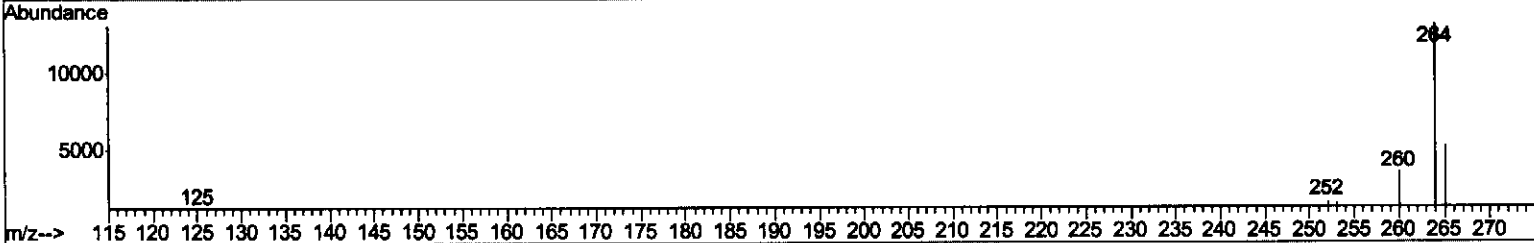
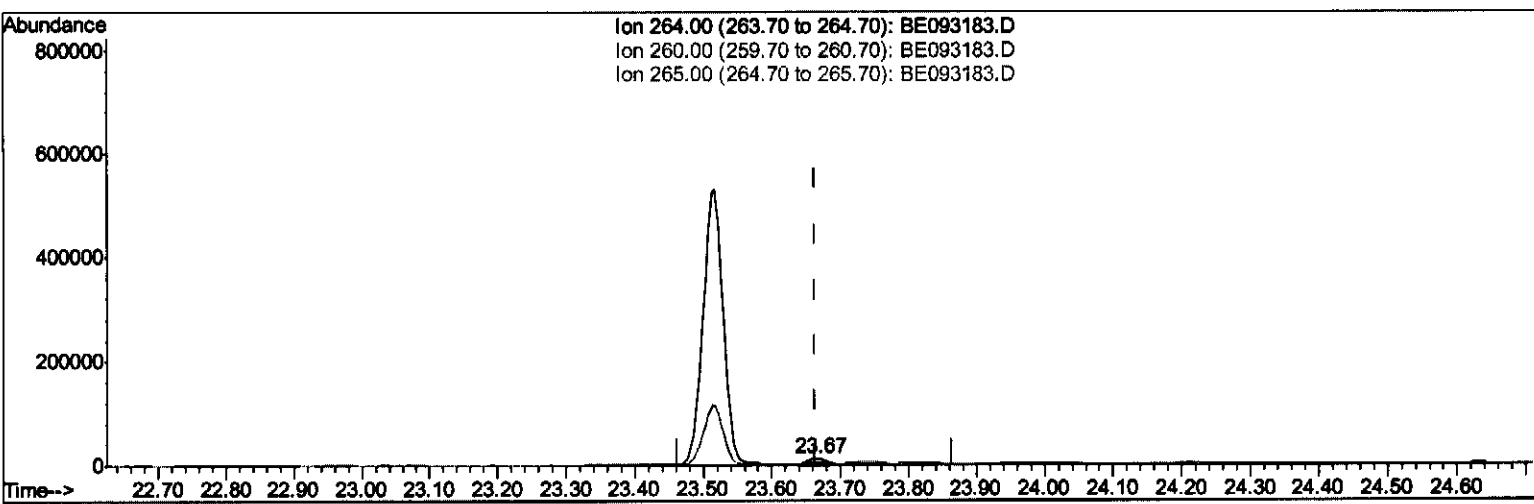
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
 Quantitation Report (Qedit)

Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED
 mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:00:34 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



TIC: BE093183.D

(20) Perylene-d12 (I)

23.668min (+0.004) 0.40ng/ul m

response 23495

SJ
06/12/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.77
265.00	103.50	39.29#
0.00	0.00	0.00

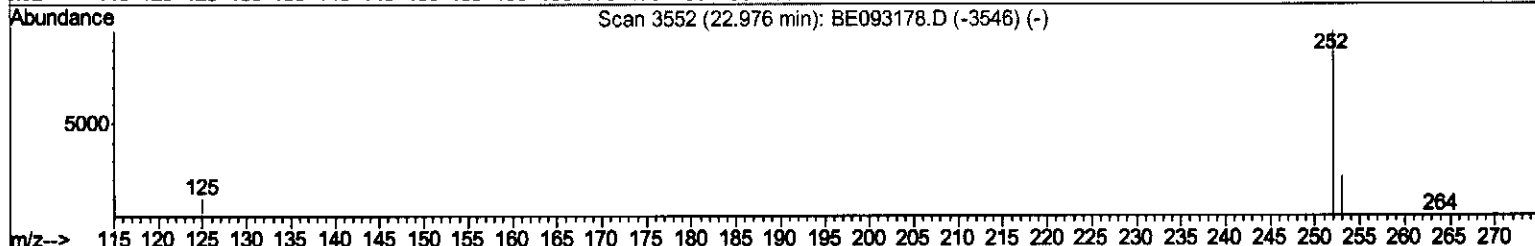
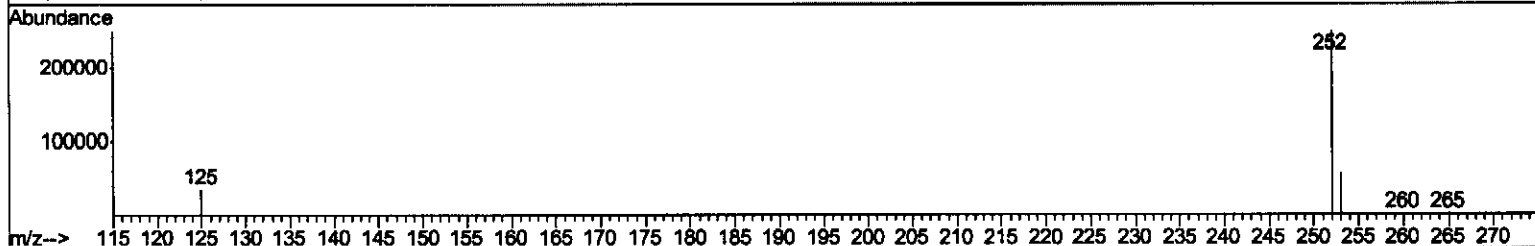
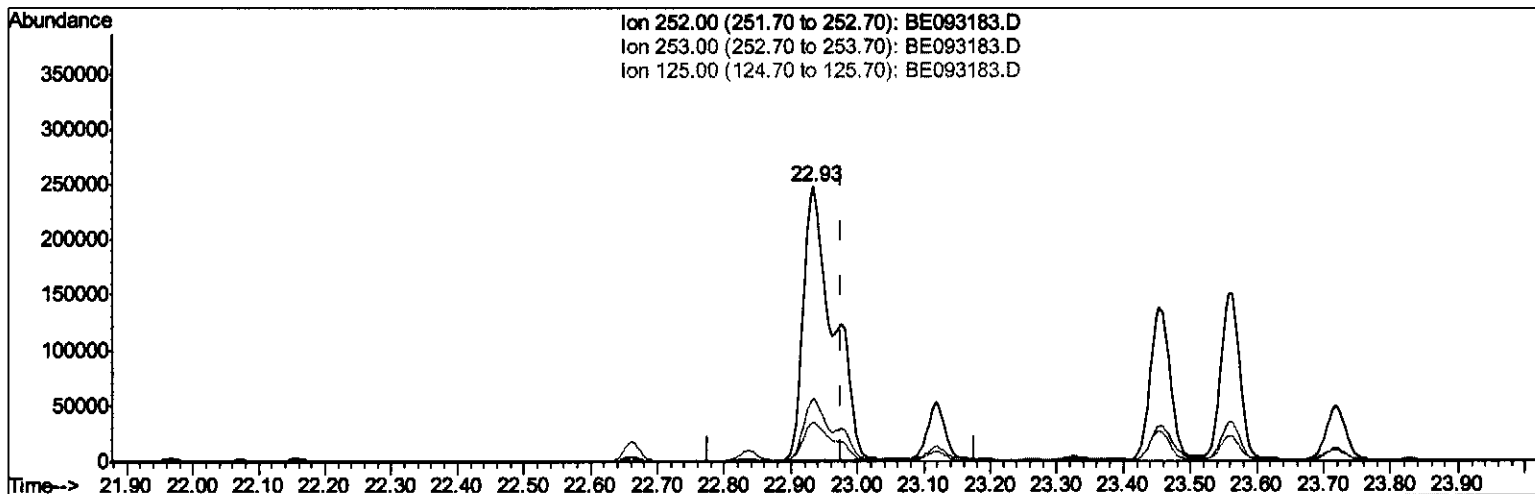
Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



TIC: BE093183.D

(22) Benzo(k)fluoranthene

22.934min (-0.042) 10.04ng/ul

response 760264

ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.63#
125.00	17.10	14.07
0.00	0.00	0.00

Data File : BE093183.D

Acq On : 14 Jun 2017 23:26

Operator : SJ/MA

Sample : I3520-19

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B71

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:37 PM

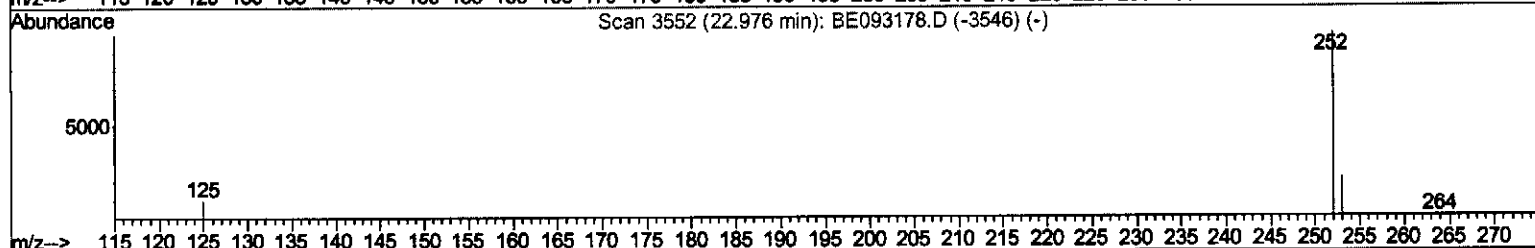
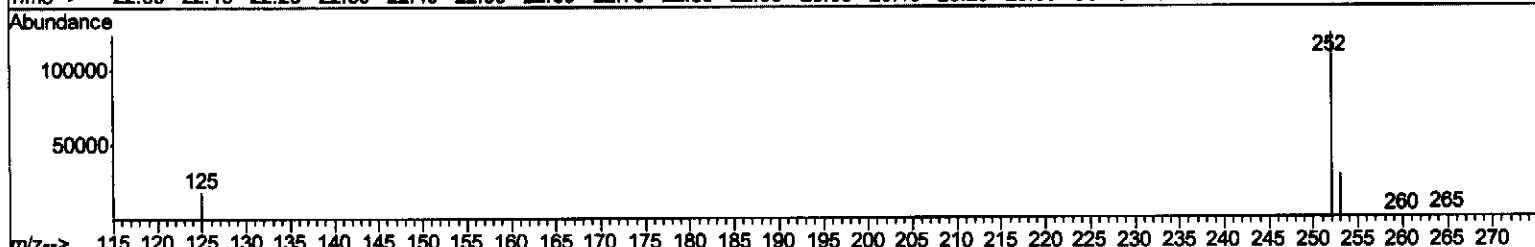
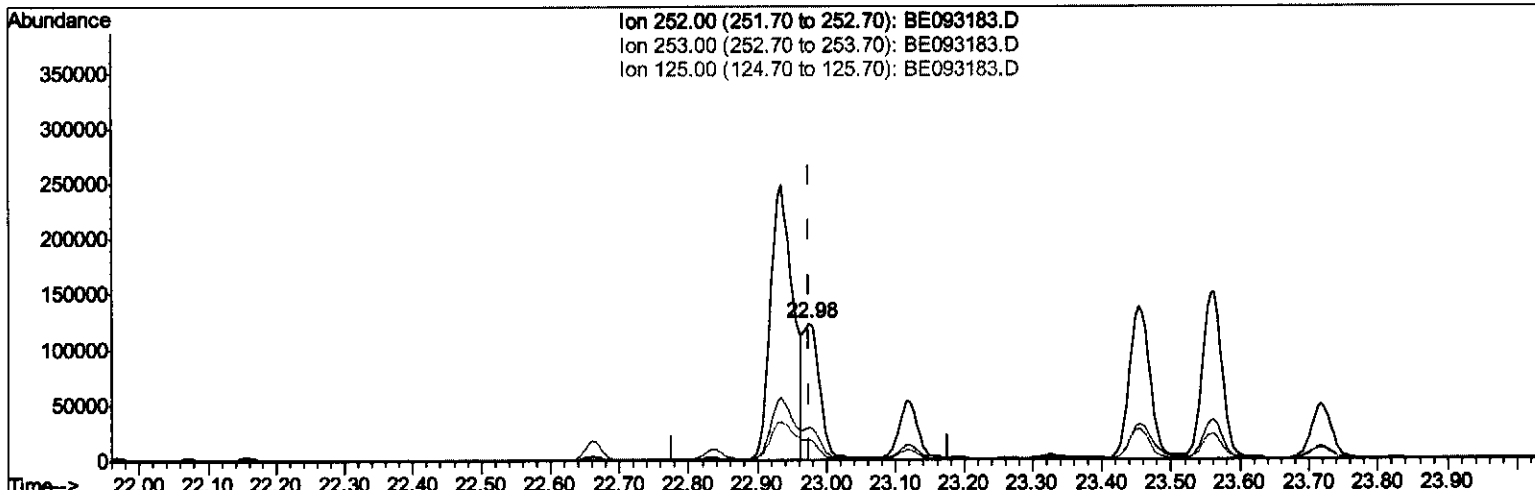
Quant Time: Jun 15 04:26:02 2017

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



TIC: BE093183.D

(22) Benzo(k)fluoranthene

22.975min (-0.001) 2.74ng/ul m

response 207366

SJ
06/15/17

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.70#
125.00	17.10	14.33
0.00	0.00	0.00

Data File : BE093183.D

Acq On : 14 Jun 2017 23:26

Operator : SJ/MA

Sample : I3520-19

Misc :

ALS Vial : 20 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5B71

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:37 PM

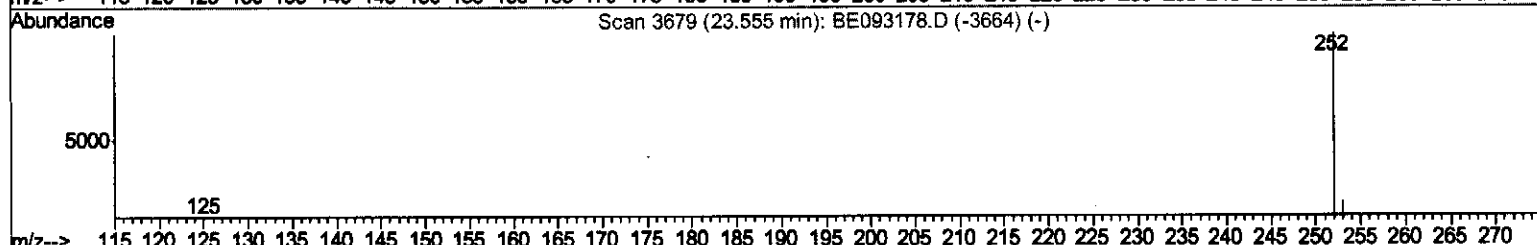
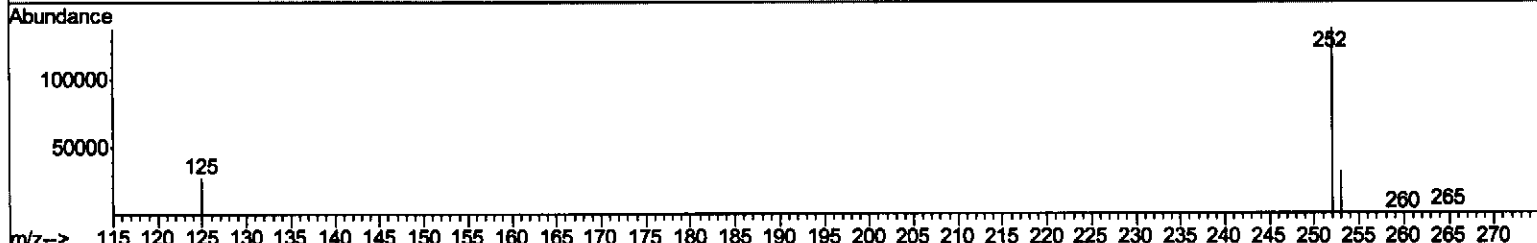
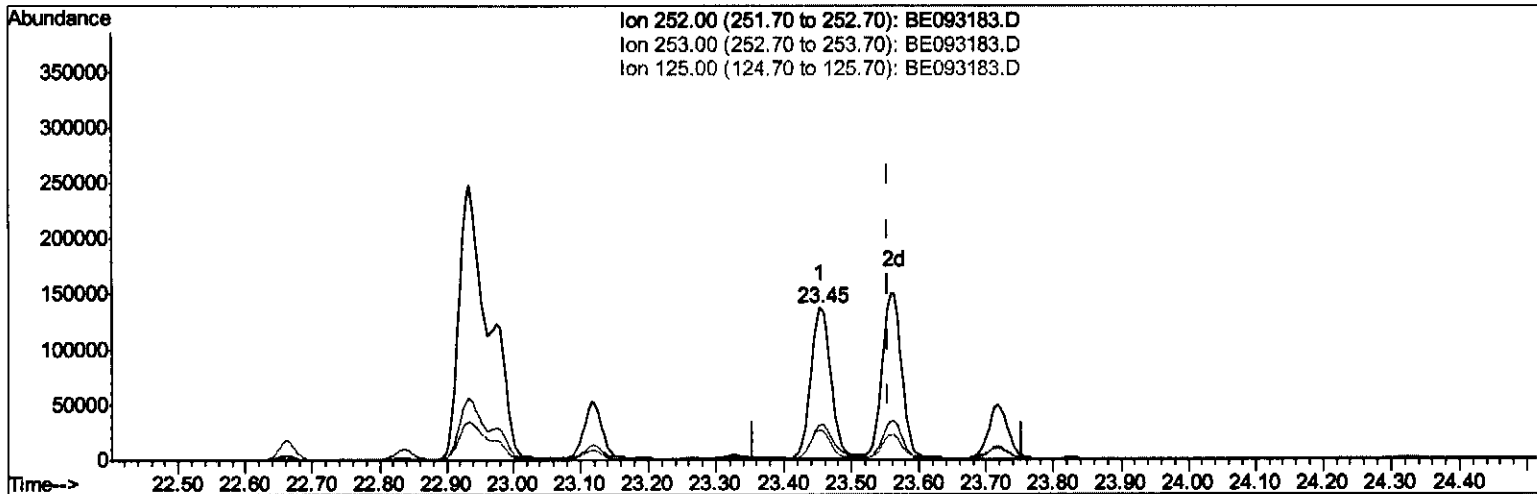
Quant Time: Jun 15 04:26:02 2017

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



TIC: BE093183.D

(23) Benzo(a)pyrene (C)

23.454min (-0.101) 4.23ng/ul

response 285272

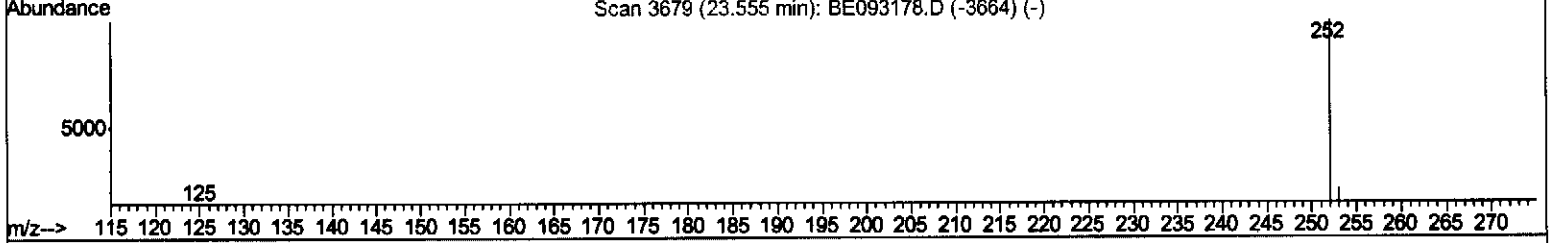
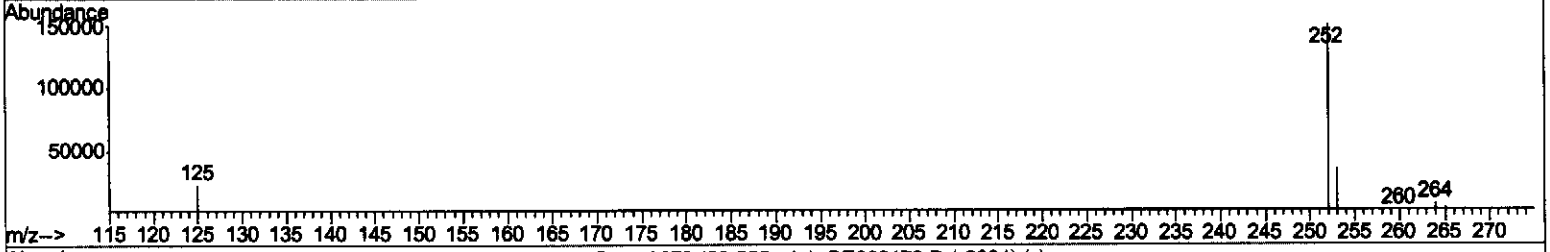
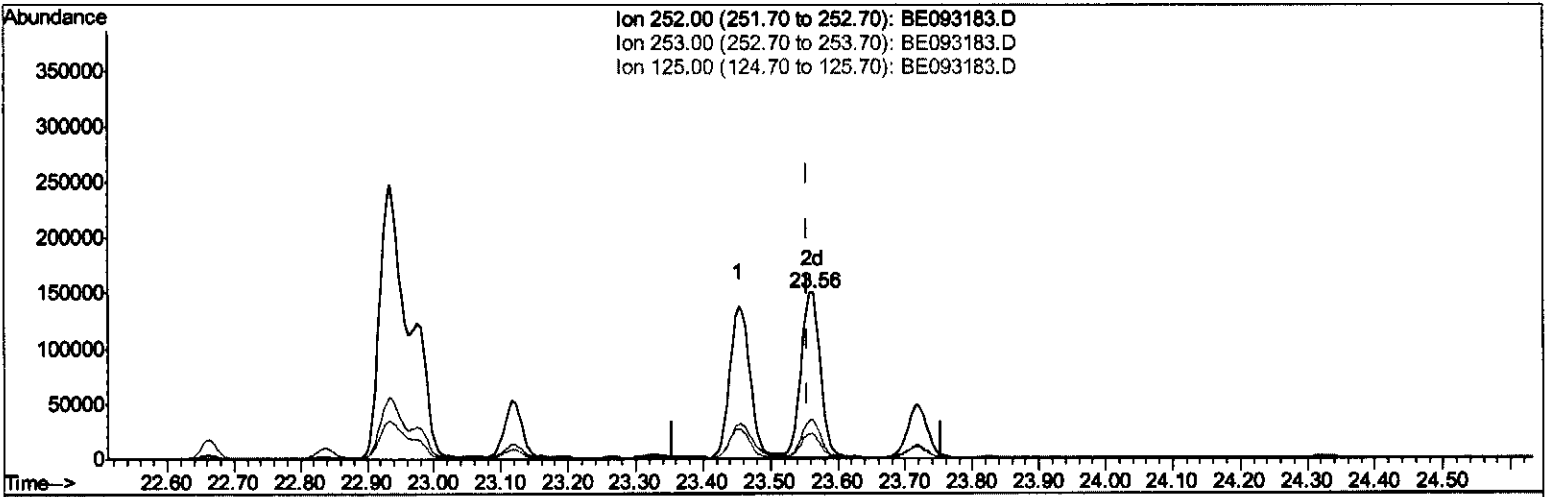
Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.86#
125.00	22.60	19.94
0.00	0.00	0.00

Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED
 mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



TIC: BE093183.D

(23) Benzo(a)pyrene (C)

23.563min (+0.008) 4.45ng/ul m

SJ
06/21/17

response 300028

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.23#
125.00	22.60	14.86#
0.00	0.00	0.00

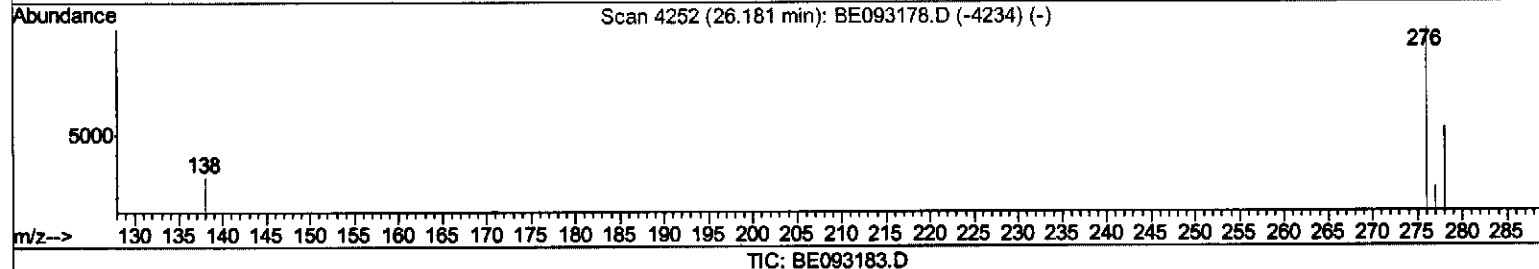
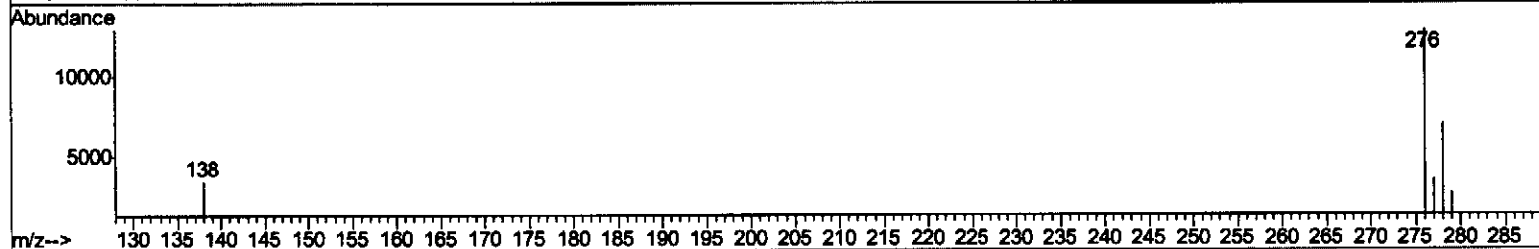
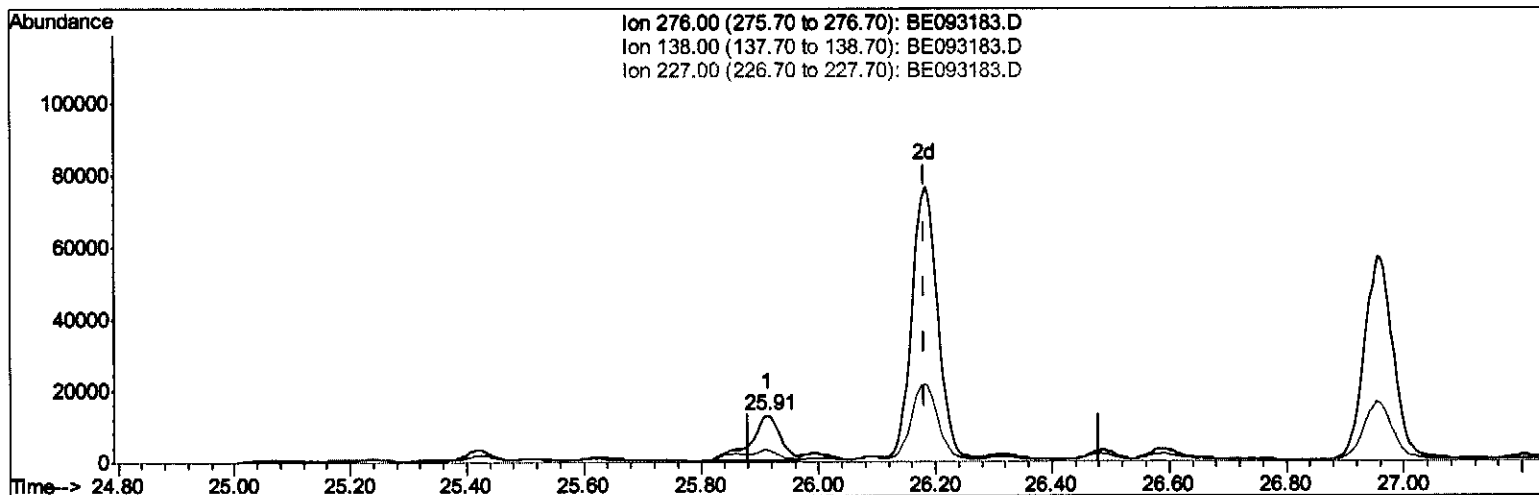
Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



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

25.913min (-0.268) 0.58ng/ul

response 45455

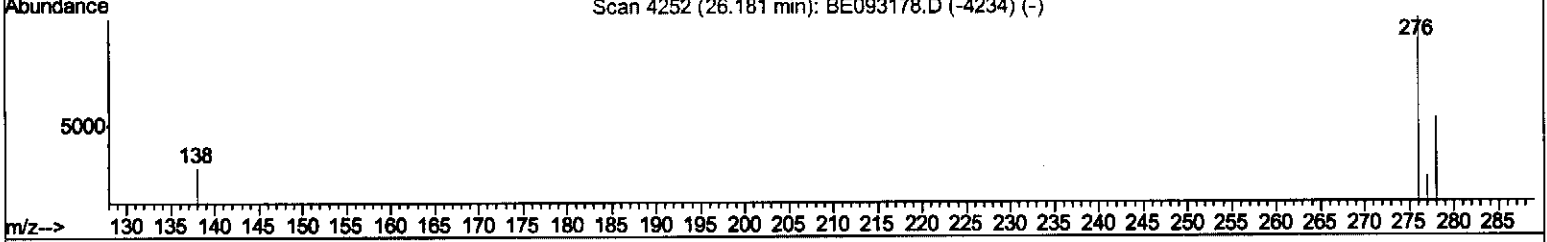
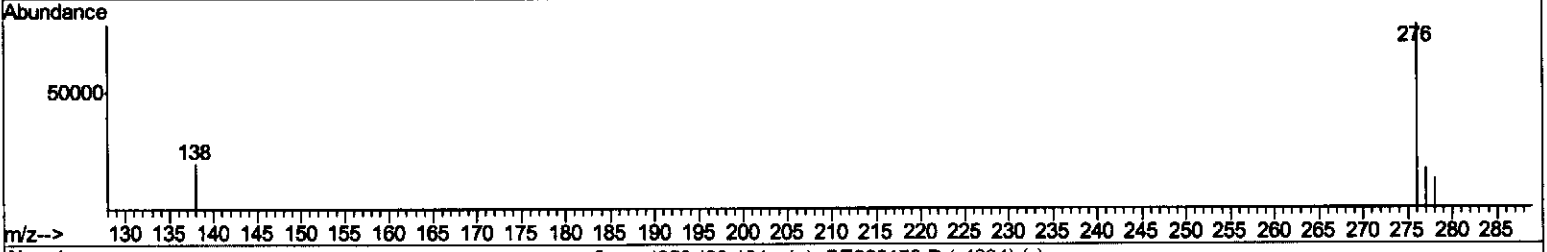
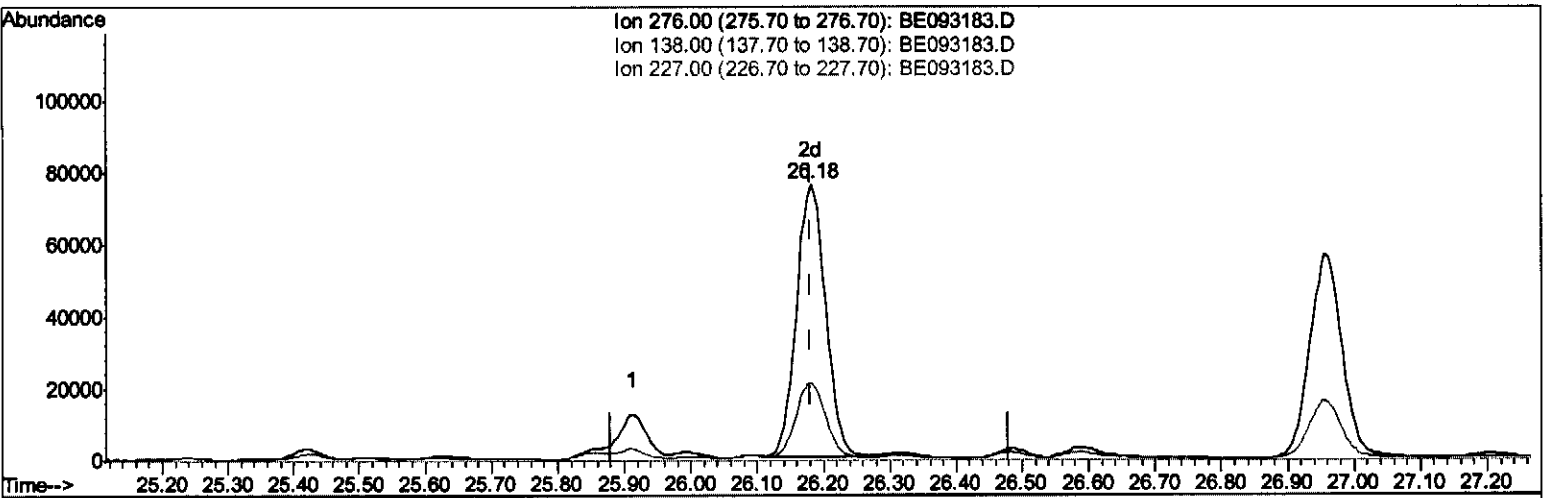
Ion	Exp%	Act%
276.00	100	100
138.00	35.00	17.41#
227.00	10.00	0.00#
0.00	0.00	0.00

Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED
 mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



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

26.182min (+0.001) 2.96ng/ul m

response 230796

SJ
06/21/17

ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.43#
227.00	10.00	0.00#
0.00	0.00	0.00

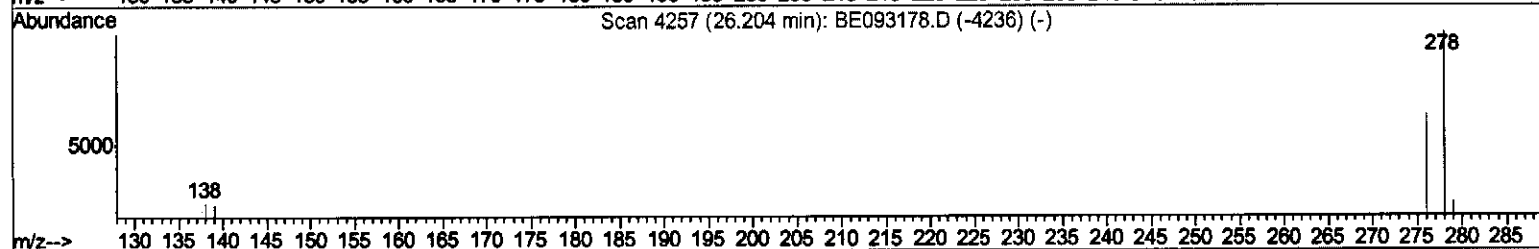
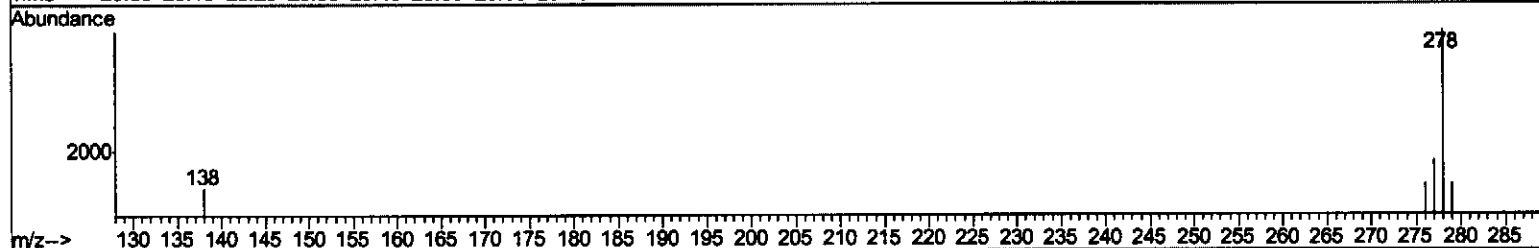
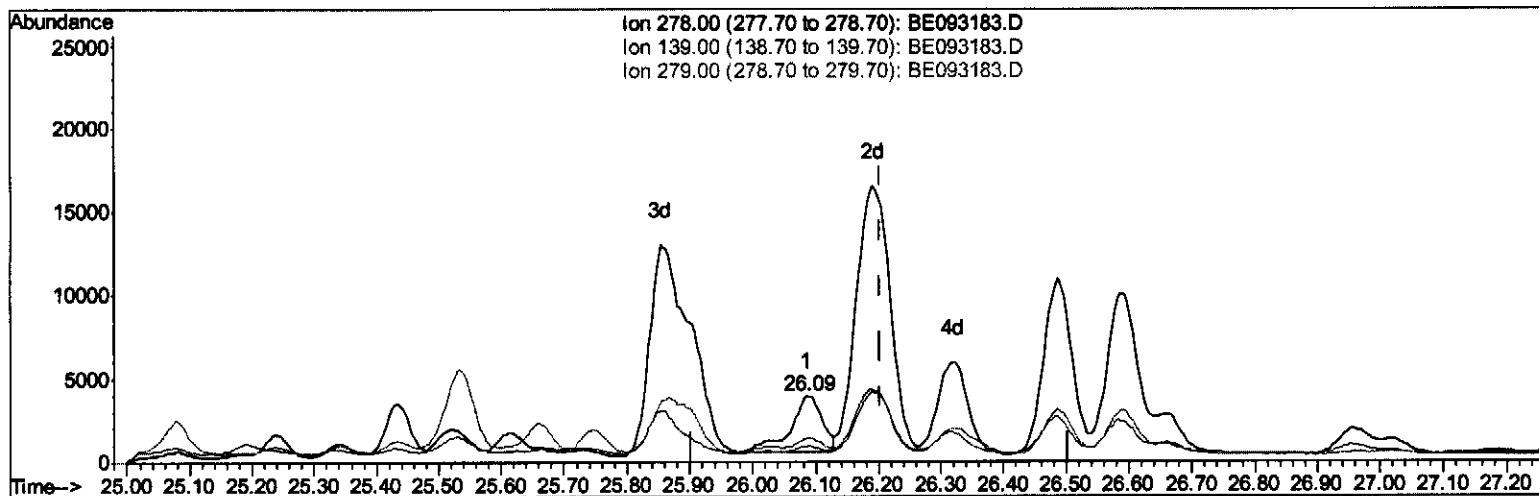
Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED

mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



TIC: BE093183.D

(25) Dibenzo(a,h)anthracene

26.086min (-0.118) 0.18ng/ul

response 11593

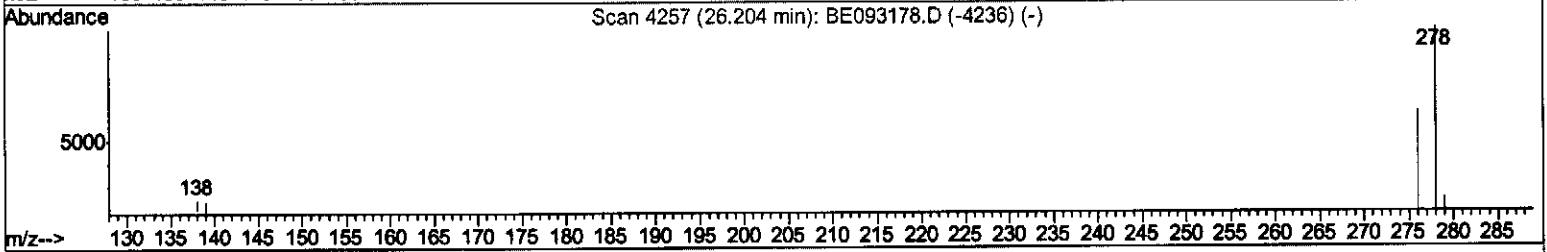
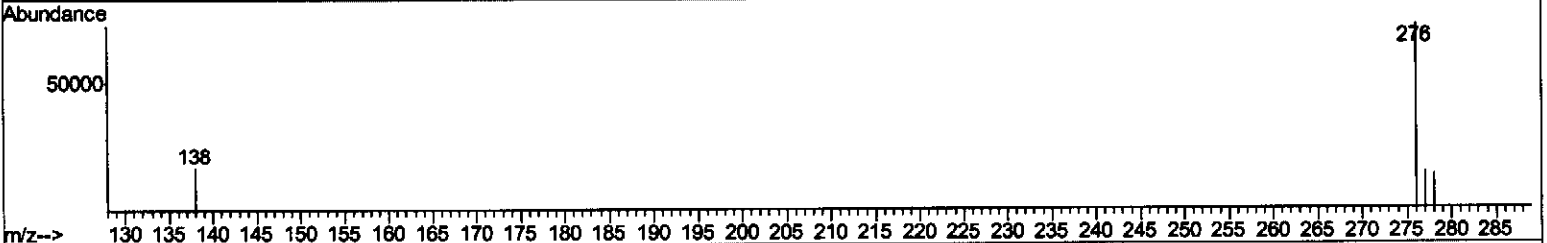
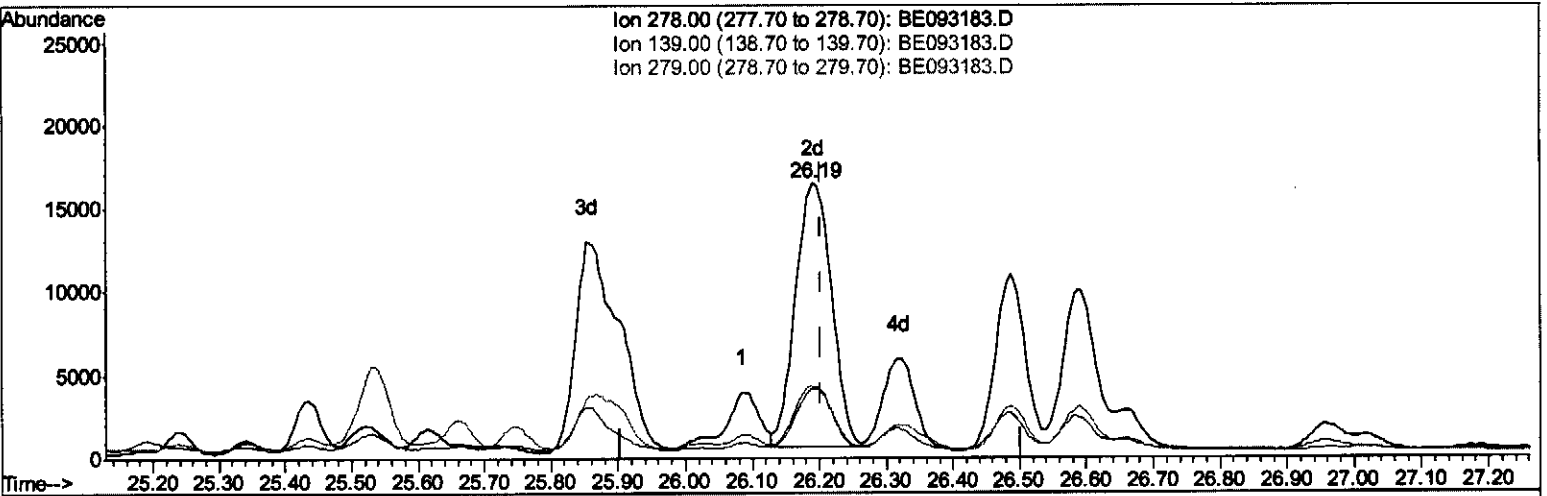
Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.65
279.00	32.40	36.43
0.00	0.00	0.00

Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
 APPROVED
 mohammad
 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:26:02 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



TIC: BE093183.D

(25) Dibenzo(a,h)anthracene

26.191min (-0.013) 0.90ng/ul m

response 59267

> SJ
 06/21/17

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	25.42
279.00	32.40	26.07
0.00	0.00	0.00

Data File : BE093183.D
 Acq On : 14 Jun 2017 23:26
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 F5B71

Manual Integrations
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 6/15/2017 3:53:37 PM

Quant Time: Jun 15 04:27:14 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3467	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	18153	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11533	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	27446	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	28547	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23495m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Methylnaphthalene-d10	12.11	152	5532	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	15450	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	18003	0.40	ng/ul#	92
5) 2-Methylnaphthalene	12.18	142	4261	0.14	ng/ul	98
7) Acenaphthylene	14.09	152	53223	1.08	ng/ul	96
8) Acenaphthene	14.43	153	2986	0.07	ng/ul	99
9) Fluorene	15.42	166	2419	0.05	ng/ul#	87
12) Phenanthrene	17.14	178	34179	0.45	ng/ul#	88
13) Anthracene	17.22	178	59372	0.90	ng/ul#	86
15) Fluoranthene	19.16	202	202320	2.18	ng/ul	83
17) Pyrene	19.52	202	308205	3.66	ng/ul#	83
18) Benzo(a)anthracene	21.24	228	212202	2.79	ng/ul#	84
19) Chrysene	21.29	228	267677	3.39	ng/ul	97
21) Benzo(b)fluoranthene	22.93	252	557217	7.82	ng/ul	86
22) Benzo(k)fluoranthene	22.98	252	207366m	2.74	ng/ul	
23) Benzo(a)pyrene	23.56	252	300028m	4.45	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	230796m	2.96	ng/ul	
25) Dibenzo(a,h)anthracene	26.19	278	59267m	0.90	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	194030	2.90	ng/ul	97

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

SJ
 06/21/17

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 06/21/17