

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

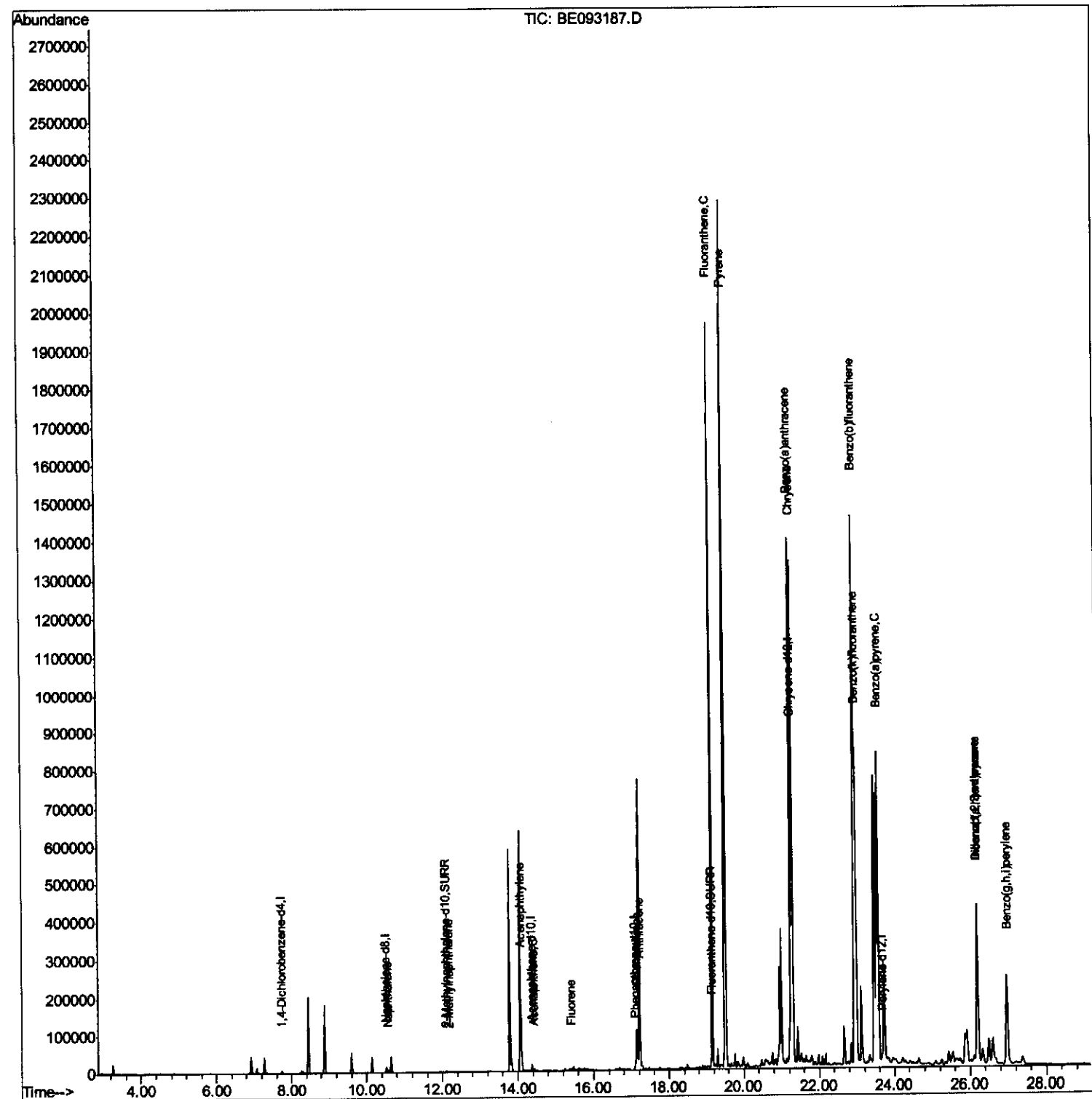
Data File : BE093187.D
Acq On : 15 Jun 2017 1:55
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5D30

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:52 PM

Quant Time: Jun 15 04:44:26 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



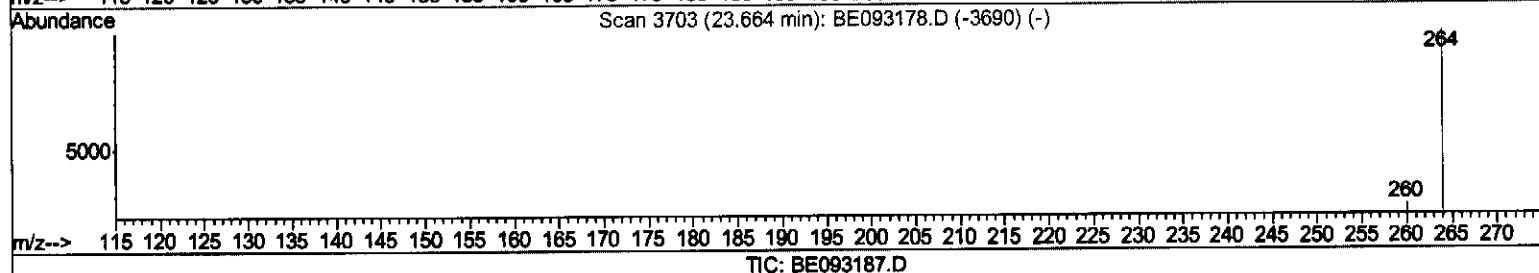
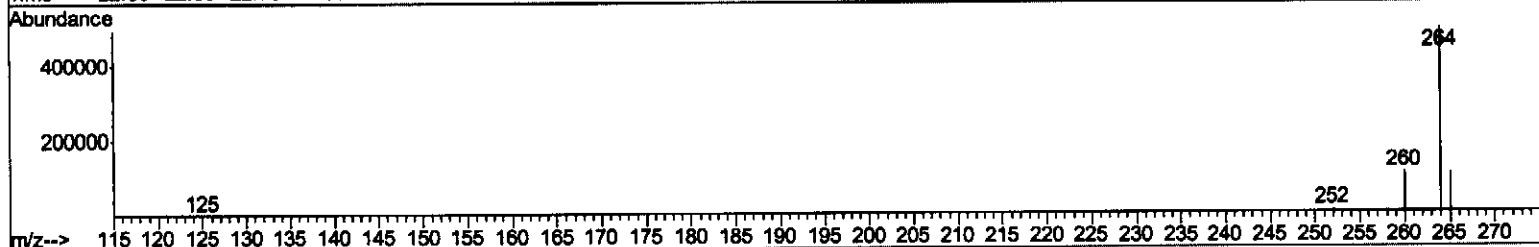
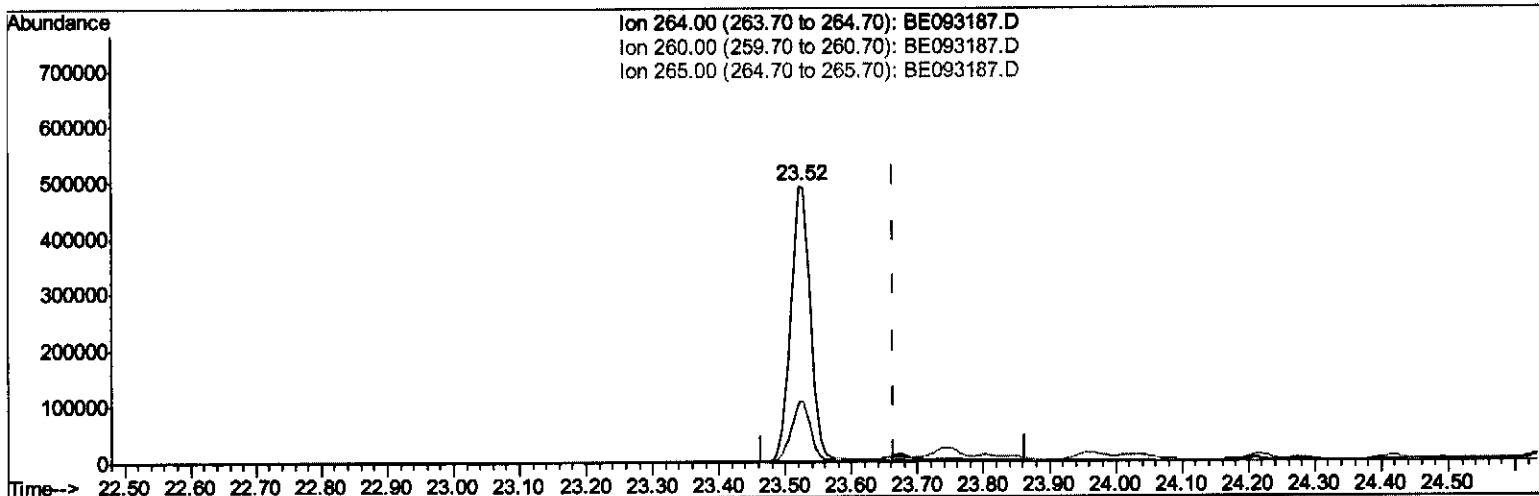
Data File : BE093187.D
Acq On : 15 Jun 2017 1:55
Operator : SJ/MA
Sample : I3522-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5D30

Manual Integrations
APPROVED

mohammad
6/15/2017 3:53:52 PM

Quant Time: Jun 15 04:01:19 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/ul
response 998675

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.21#
265.00	103.50	21.54#
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

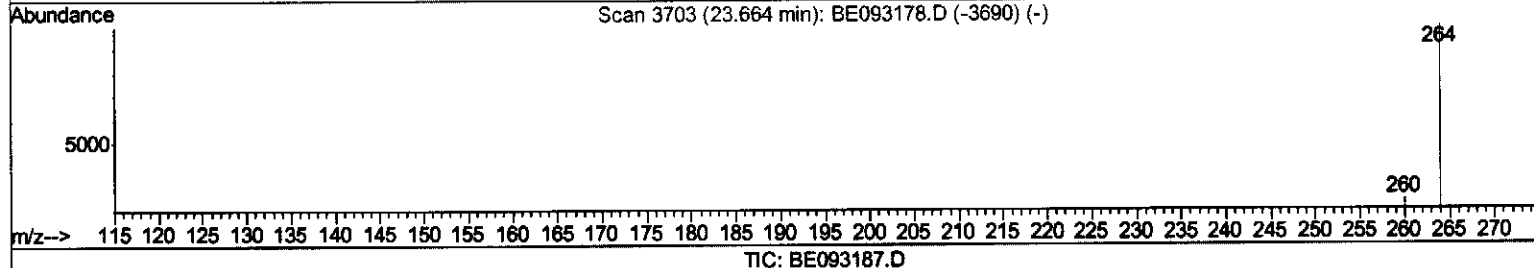
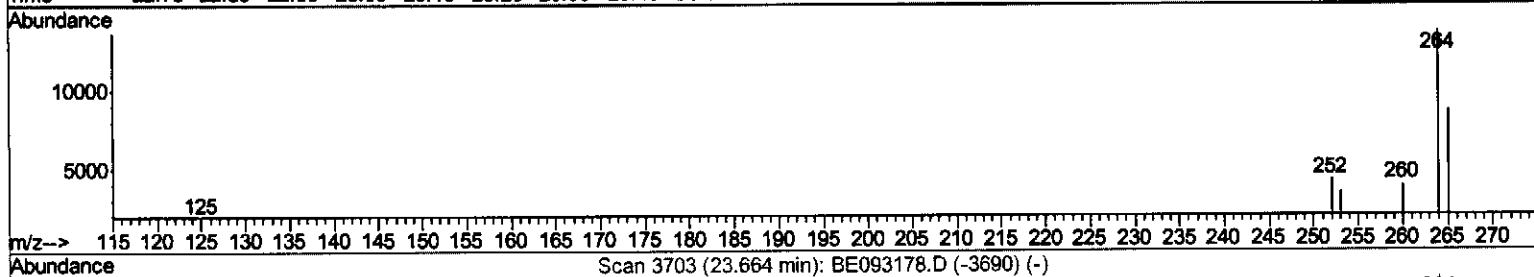
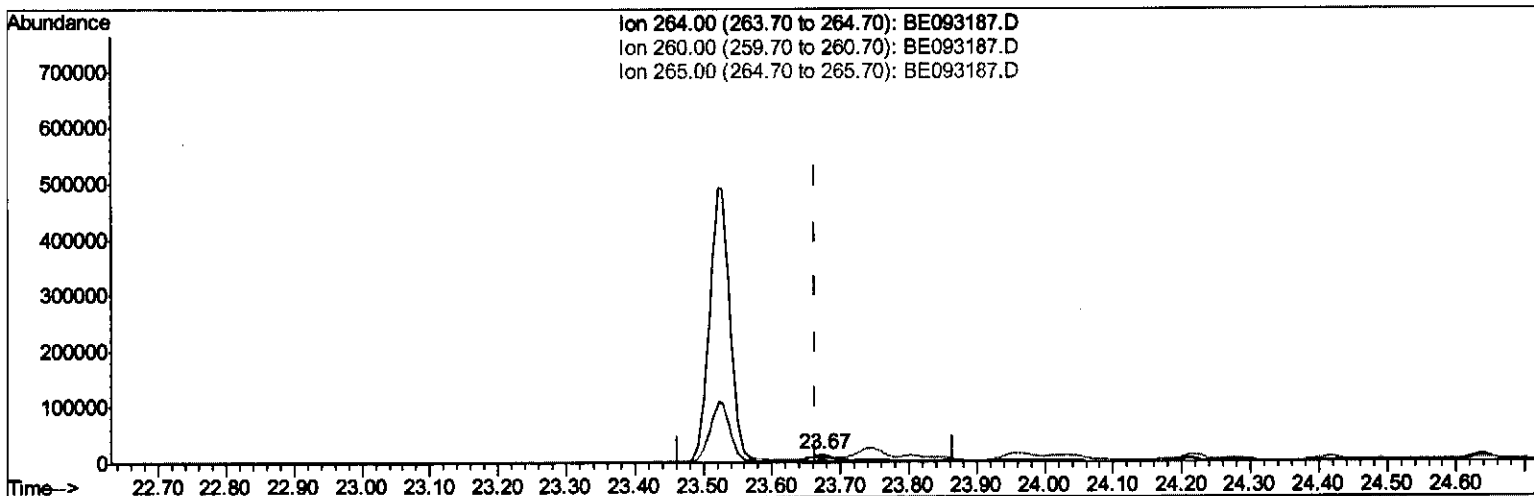
Quant Time: Jun 15 04:01:19 2017

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)

23.673min (+0.009) 0.40ng/ul m

response 23939

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	28.12
265.00	103.50	62.70#
0.00	0.00	0.00

SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

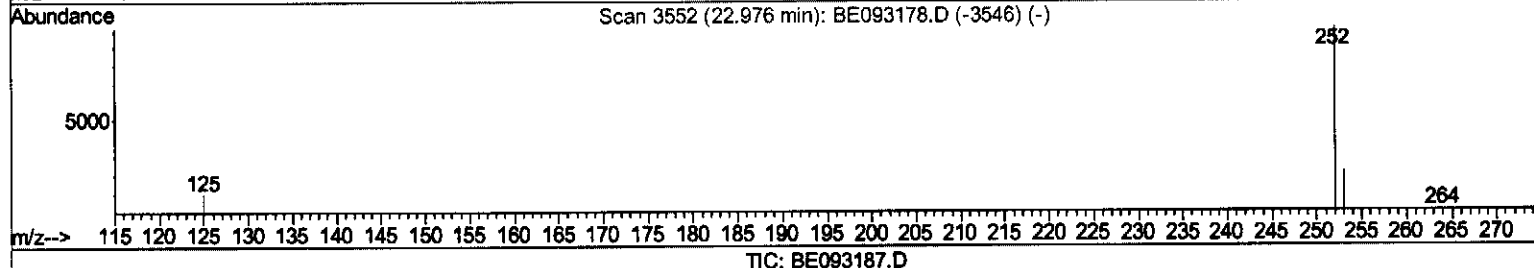
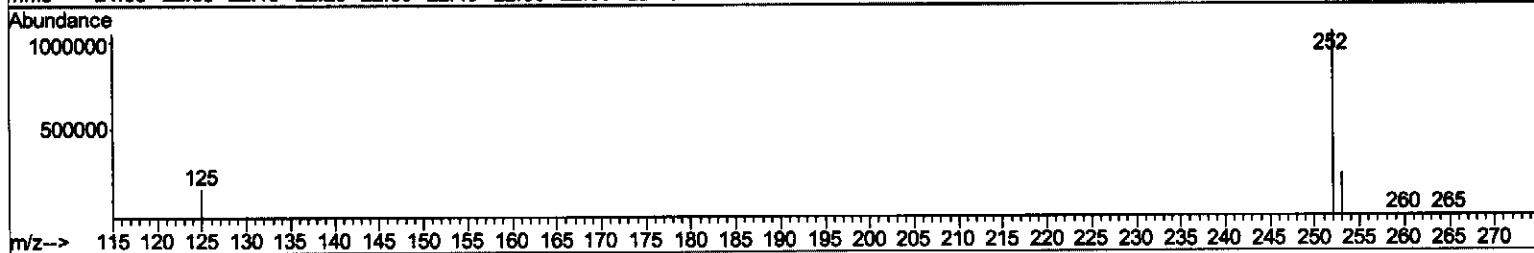
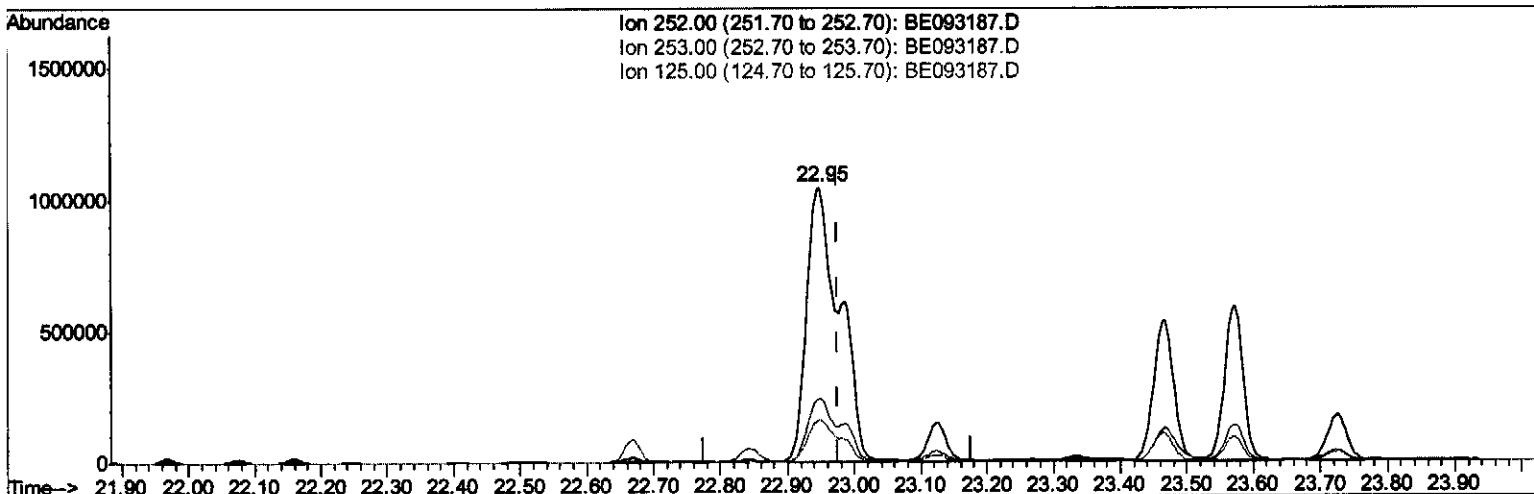
Quant Time: Jun 15 04:43:14 2017

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



(22) Benzo(k)fluoranthene

22.949min (-0.027) 45.77ng/ul

response 3531206

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.32#
125.00	17.10	15.61
0.00	0.00	0.00

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Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

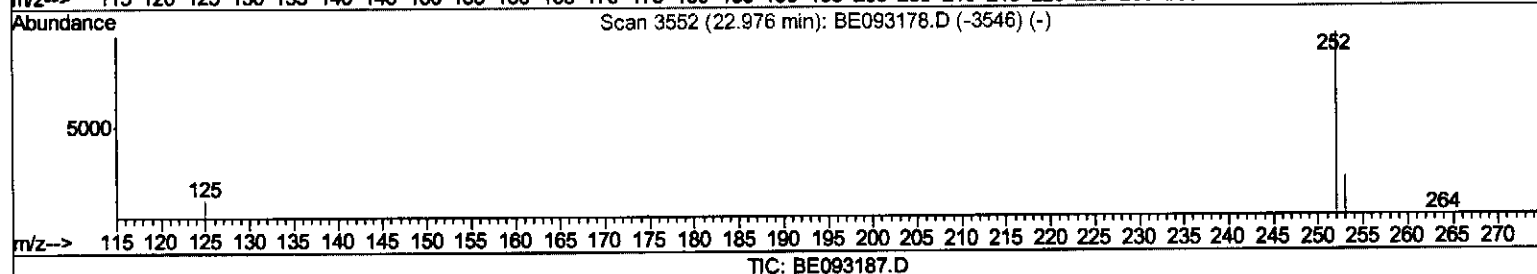
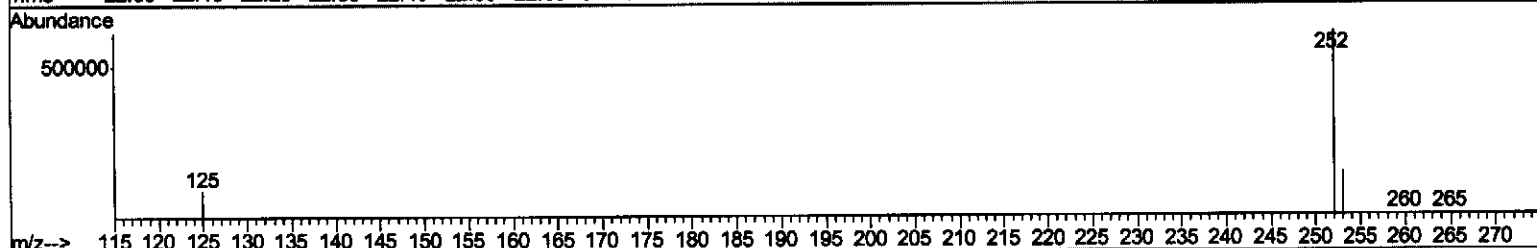
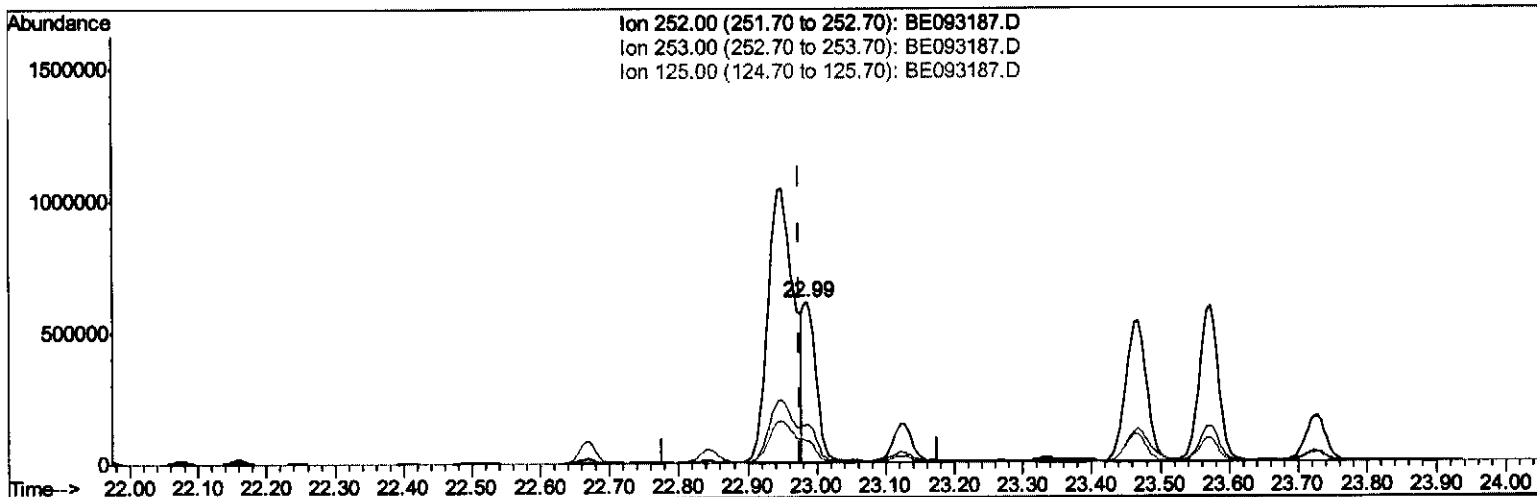
Quant Time: Jun 15 04:43:14 2017

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



(22) Benzo(k)fluoranthene

22.985min (+0.009) 10.97ng/ul m

response 846058

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.84#
125.00	17.10	14.21
0.00	0.00	0.00

> $\frac{53}{06/21/17}$

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

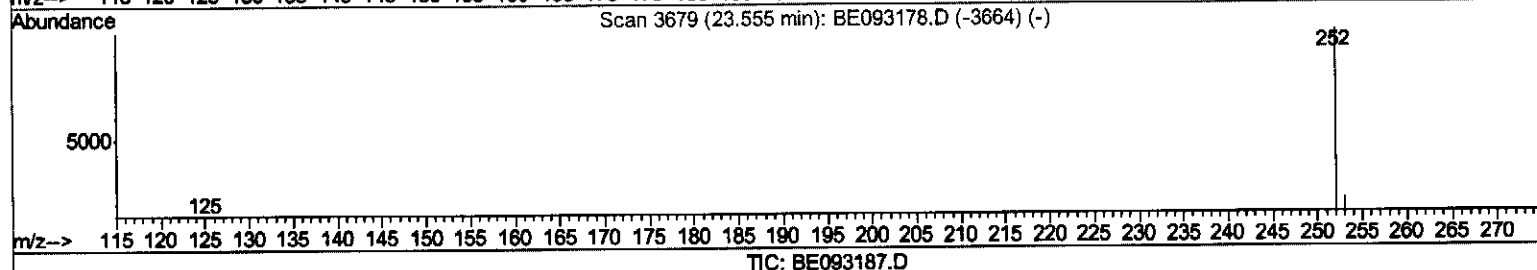
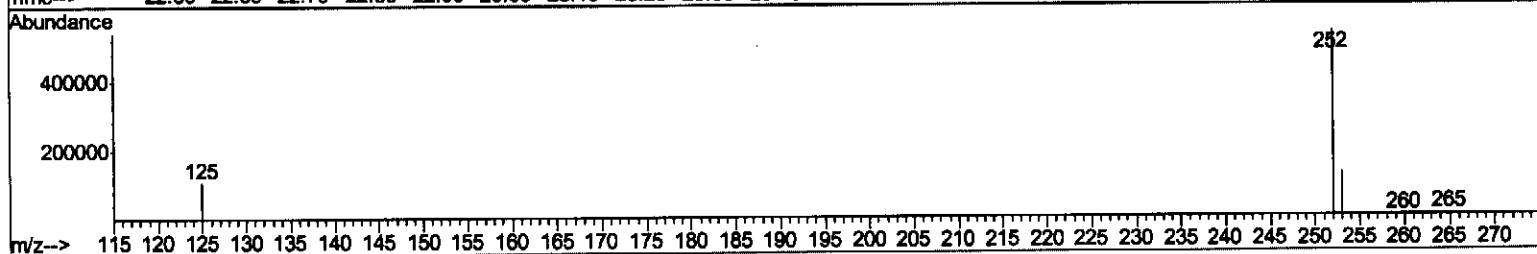
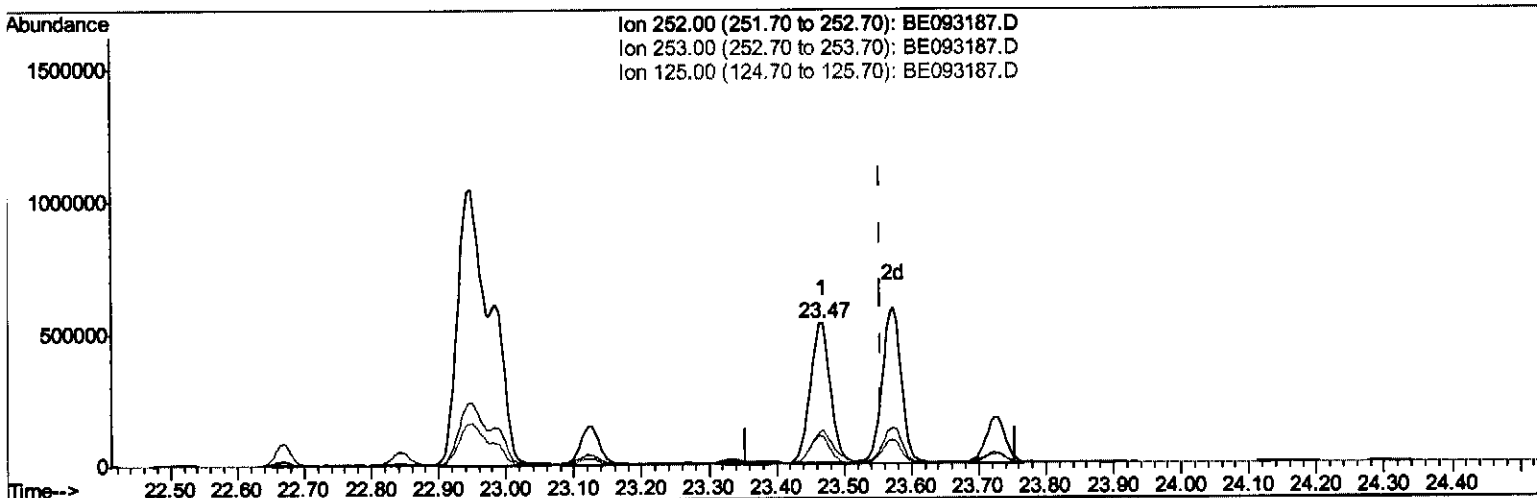
Quant Time: Jun 15 04:43:14 2017

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



(23) Benzo(a)pyrene (C)

23.468min (-0.086) 16.25ng/ul

response 1116122

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.50#
125.00	22.60	19.84
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5D30

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:52 PM

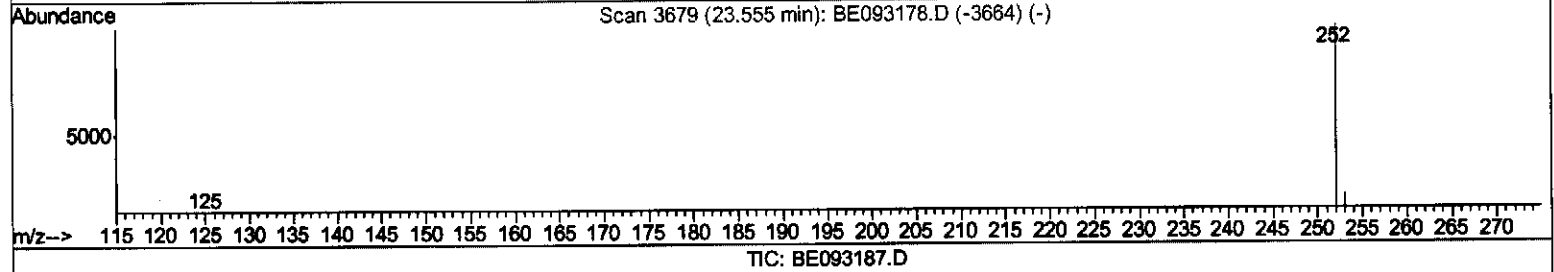
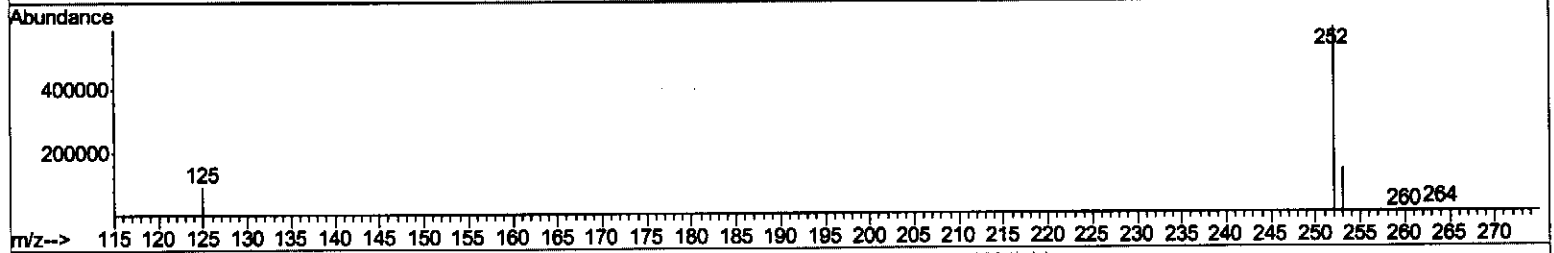
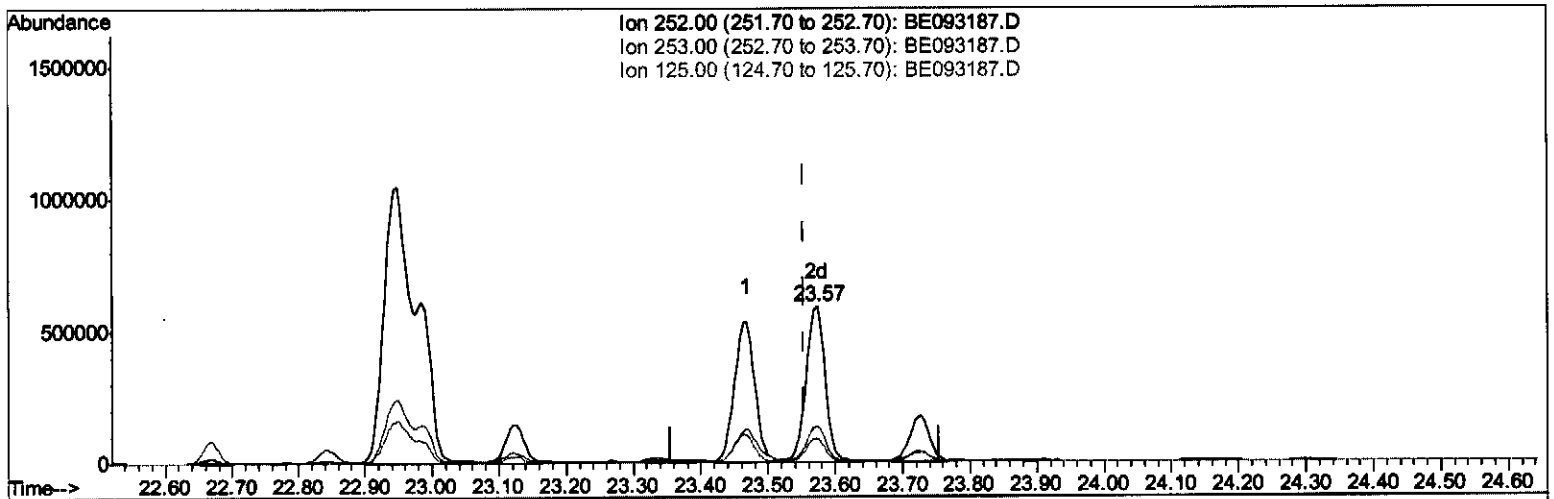
Quant Time: Jun 15 04:43:14 2017

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



(23) Benzo(a)pyrene (C)

23.573min (+0.018) 16.89ng/ul m

response 1160450

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.29#
125.00	22.60	15.32#
0.00	0.00	0.00

35
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

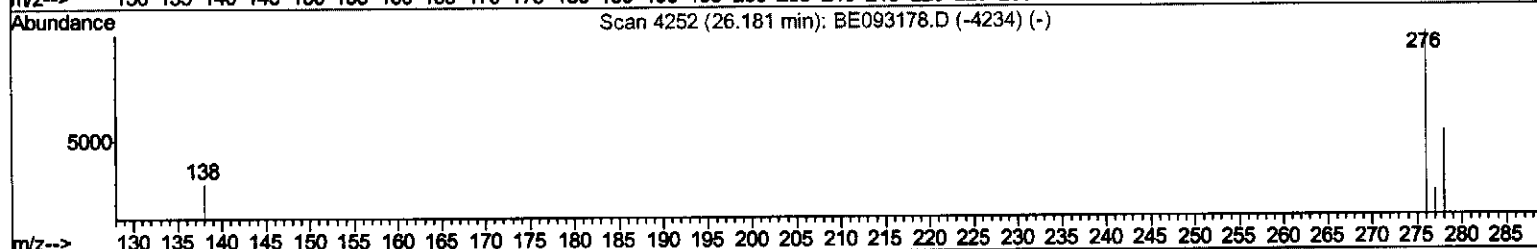
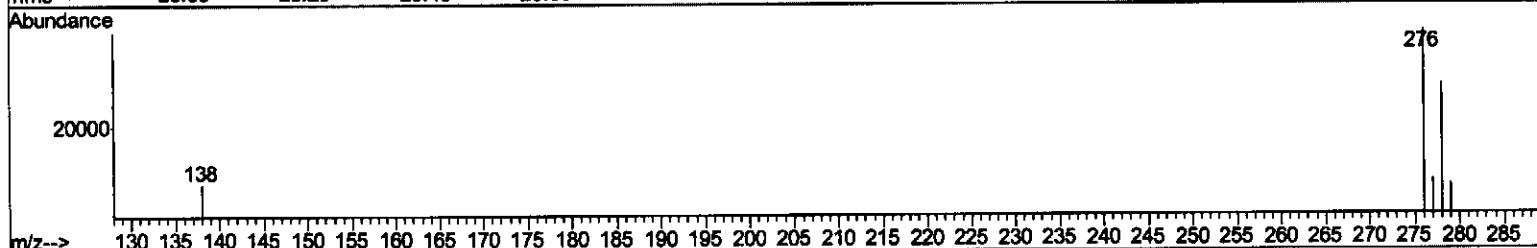
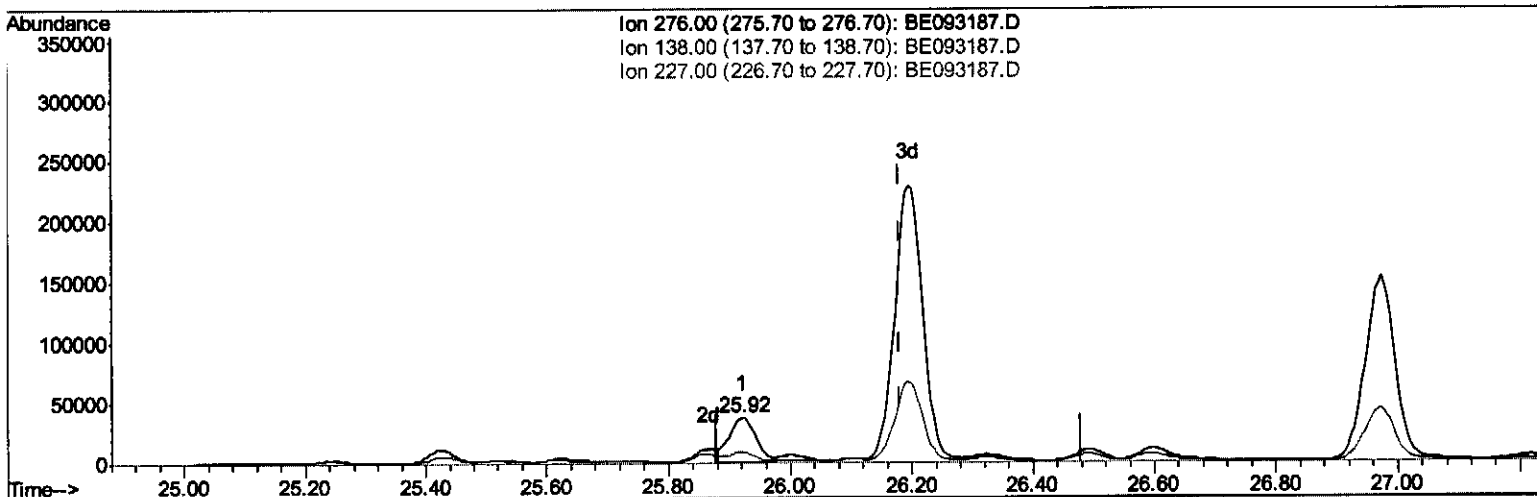
Quant Time: Jun 15 04:43:14 2017

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



TIC: BE093187.D

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

25.921min (-0.260) 1.41ng/ul

response 112054

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	19.95#
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 : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5D30

Manual Integrations
APPROVED

mohammad

6/15/2017 3:53:52 PM

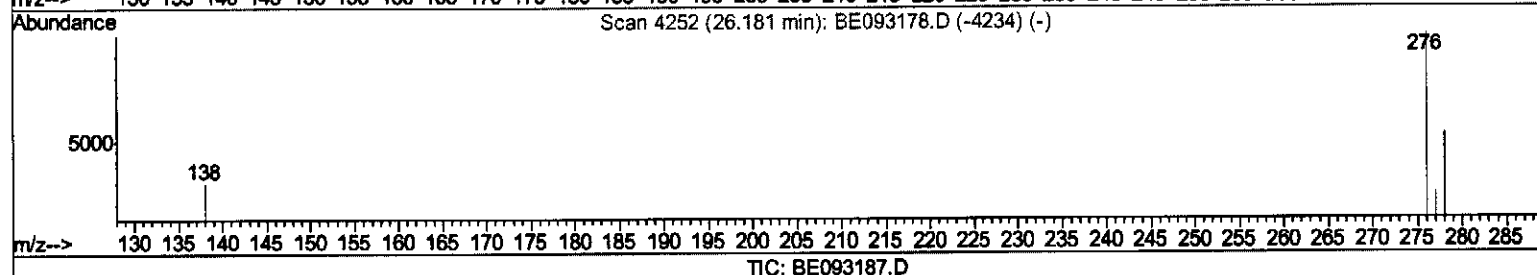
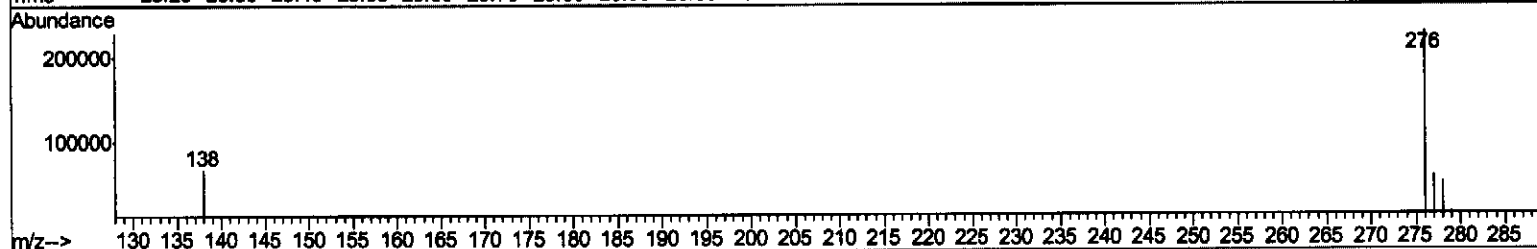
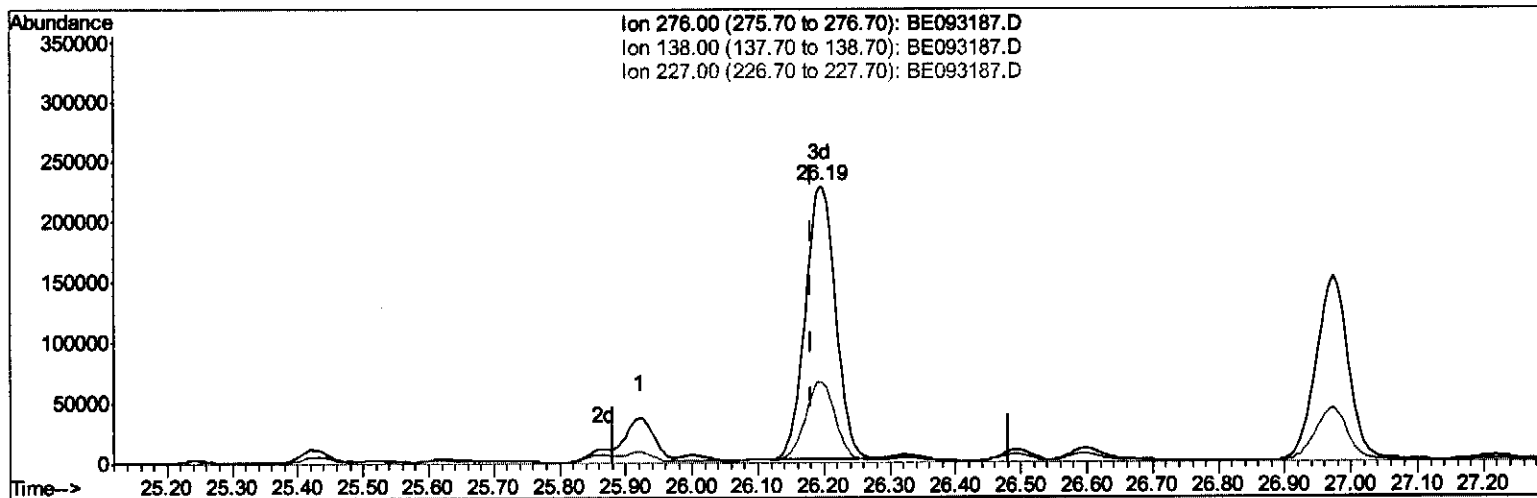
Quant Time: Jun 15 04:43:14 2017

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



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

26.195min (+0.014) 8.97ng/ul m

response 713063

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.13#
227.00	10.00	0.00#
0.00	0.00	0.00

> SJ
06/21/17

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

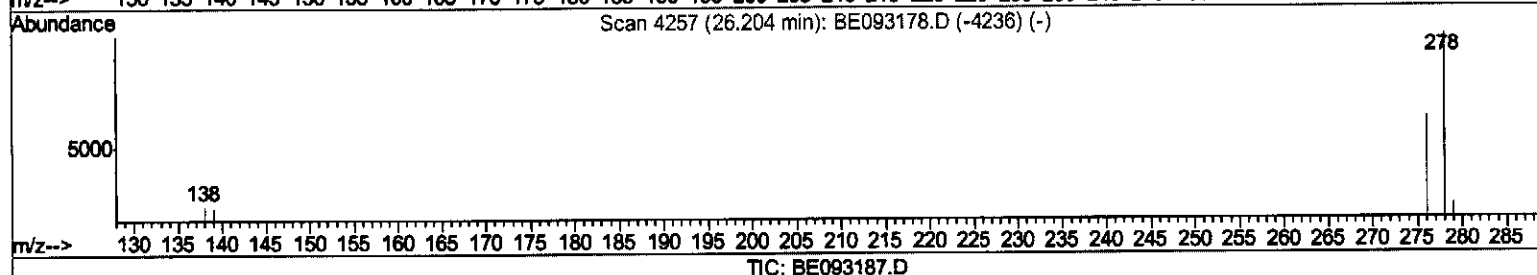
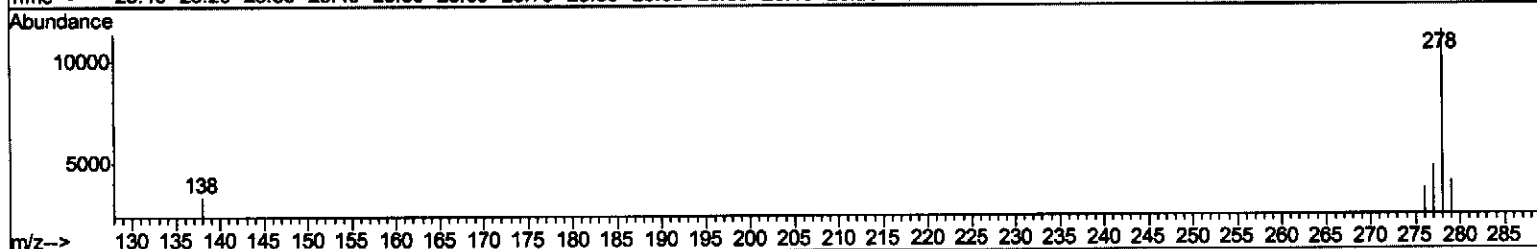
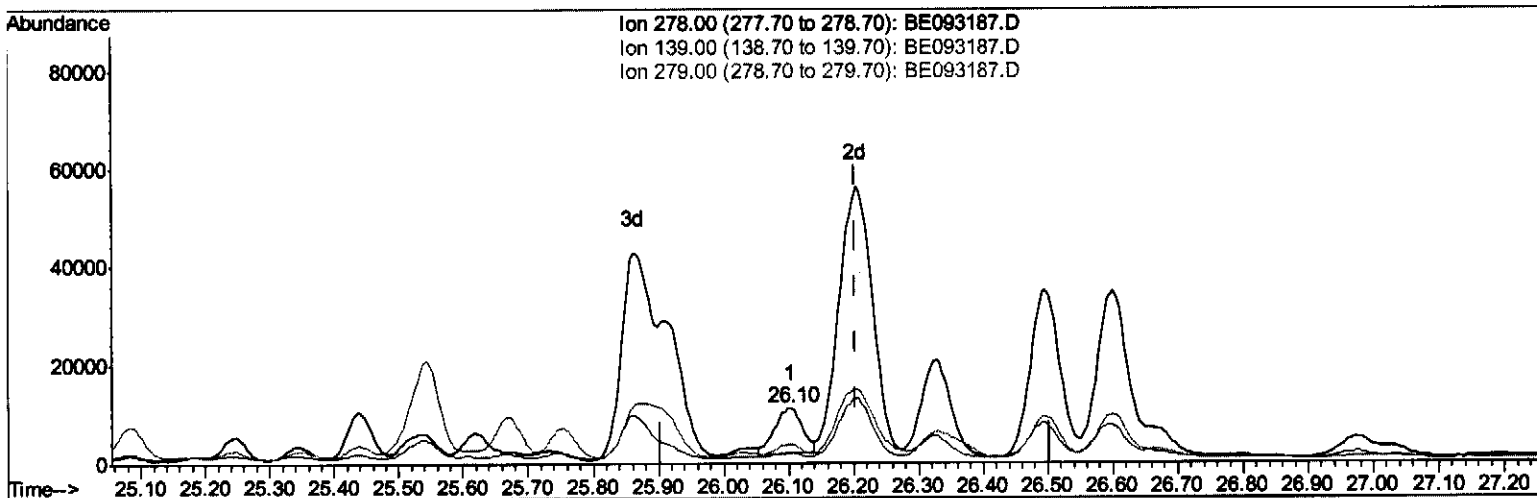
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QLast Update : Thu Jun 15 03:59:13 2017

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(25) Dibenzo(a,h)anthracene

26.103min (-0.100) 0.40ng/ui

response 27088

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.31
279.00	32.40	34.30
0.00	0.00	0.00

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

Quantitation Report (Qedit)

Data File : BE093187.D

Acq On : 15 Jun 2017 1:55

Operator : SJ/MA

Sample : I3522-05

Misc :

ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5D30

Manual Integrations

APPROVED

mohammad

6/15/2017 3:53:52 PM

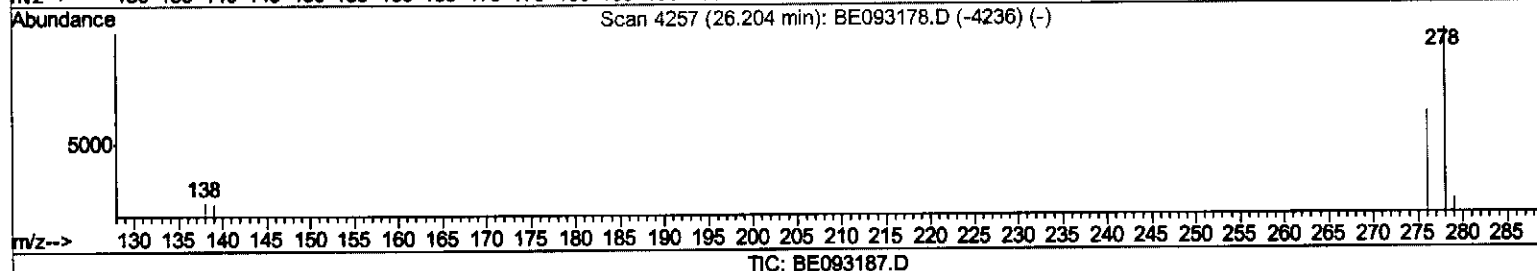
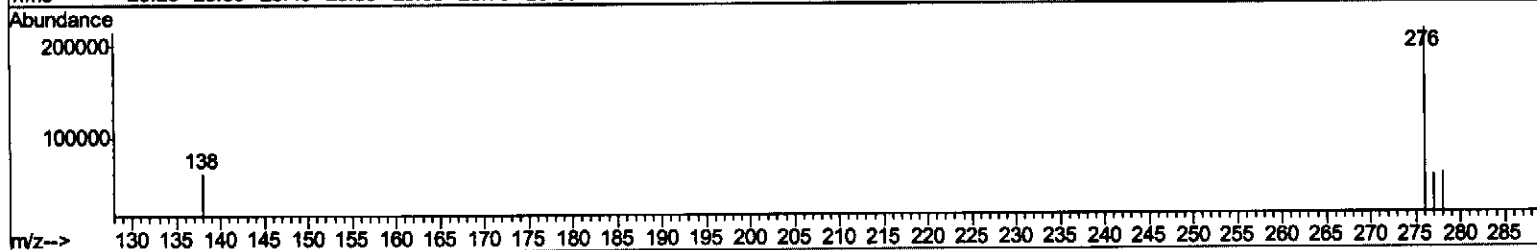
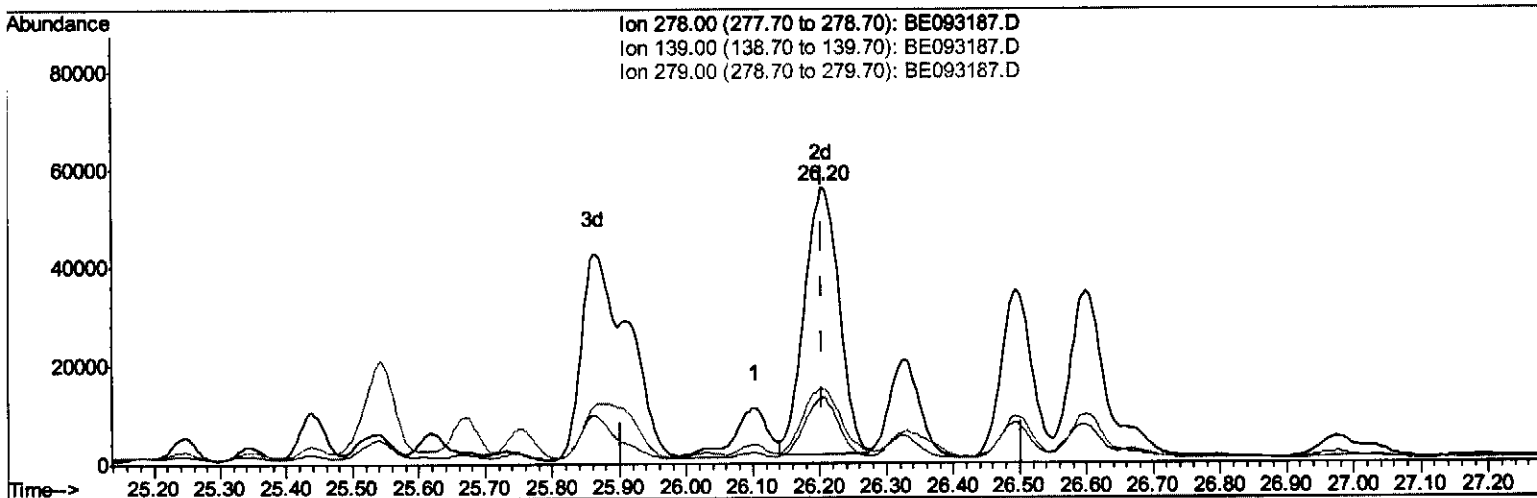
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QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.204min (+0.000) 2.91ng/ul m

response 194744

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.63
279.00	32.40	27.04
0.00	0.00	0.00

55
06/21/17

Data File : BE093187.D
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ALS Vial : 24 Sample Multiplier: 1

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Manual Integrations
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6/15/2017 3:53:52 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3455	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	17586	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	10454	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	24813	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	28810	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	23939m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	4835	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	13623	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	8785	0.20	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	2172	0.07	ng/ul	99
7) Acenaphthylene	14.09	152	172155	3.84	ng/ul	96
8) Acenaphthene	14.43	153	3687	0.10	ng/ul	96
9) Fluorene	15.42	166	5286	0.12	ng/ul	91
12) Phenanthrene	17.14	178	112227	1.64	ng/ul#	83
13) Anthracene	17.22	178	212270	3.57	ng/ul#	86
15) Fluoranthene	19.16	202	2166465	25.88	ng/ul	84
17) Pyrene	19.52	202	2392993	28.17	ng/ul#	87
18) Benzo(a)anthracene	21.25	228	1209132	15.73	ng/ul#	84
19) Chrysene	21.30	228	1611736	20.22	ng/ul	98
21) Benzo(b)fluoranthene	22.95	252	2552232	35.13	ng/ul	88
22) Benzo(k)fluoranthene	22.99	252	846058m	10.97	ng/ul	
23) Benzo(a)pyrene	23.57	252	1160450m	16.89	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	713063m	8.97	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	194744m	2.91	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	516456	7.57	ng/ul	97

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

SJ
06/21/17

SJ
06/21/17