Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

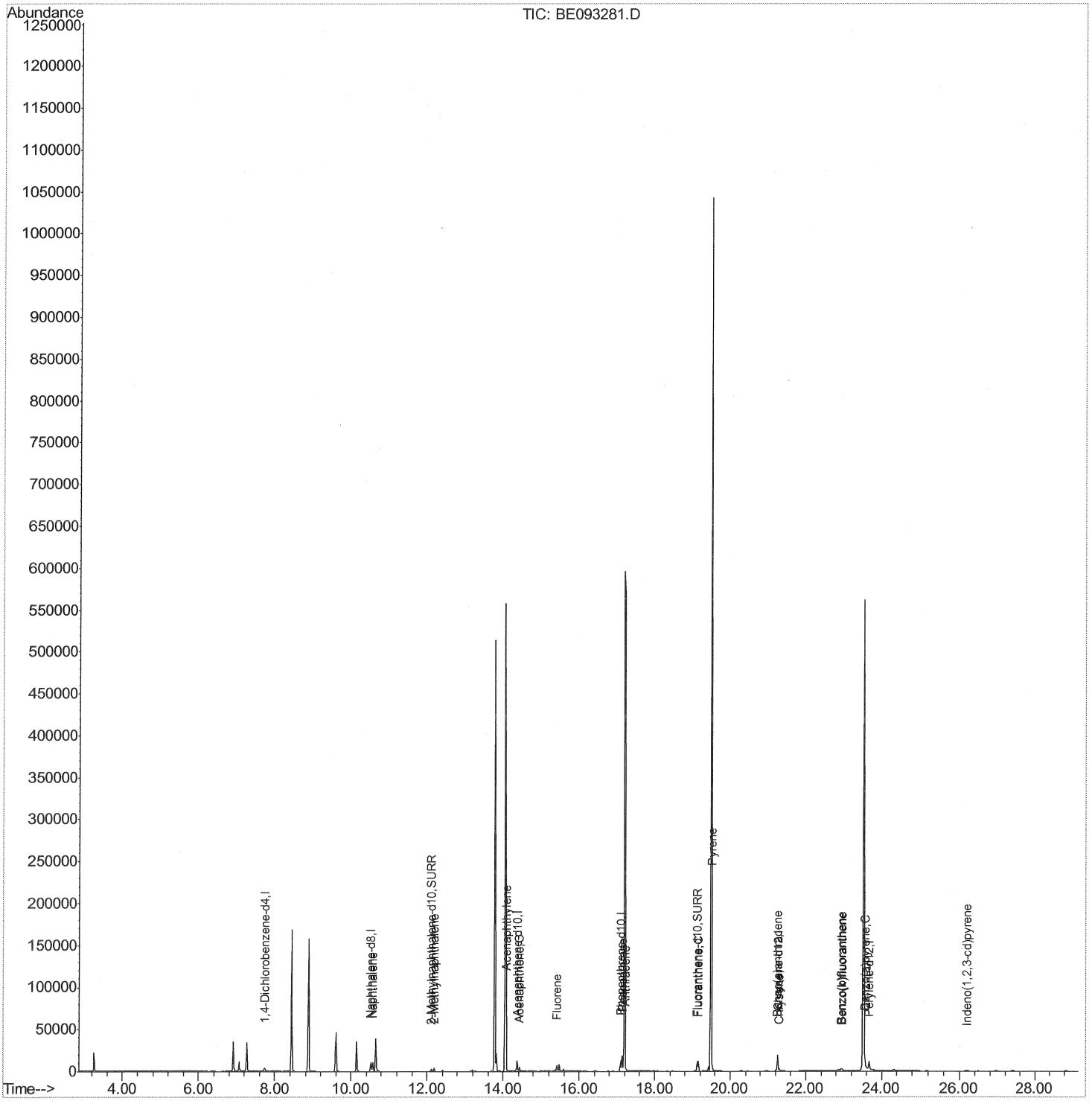
Quantitation Report (QT Reviewed)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 02:13:00 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 01:50:31 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
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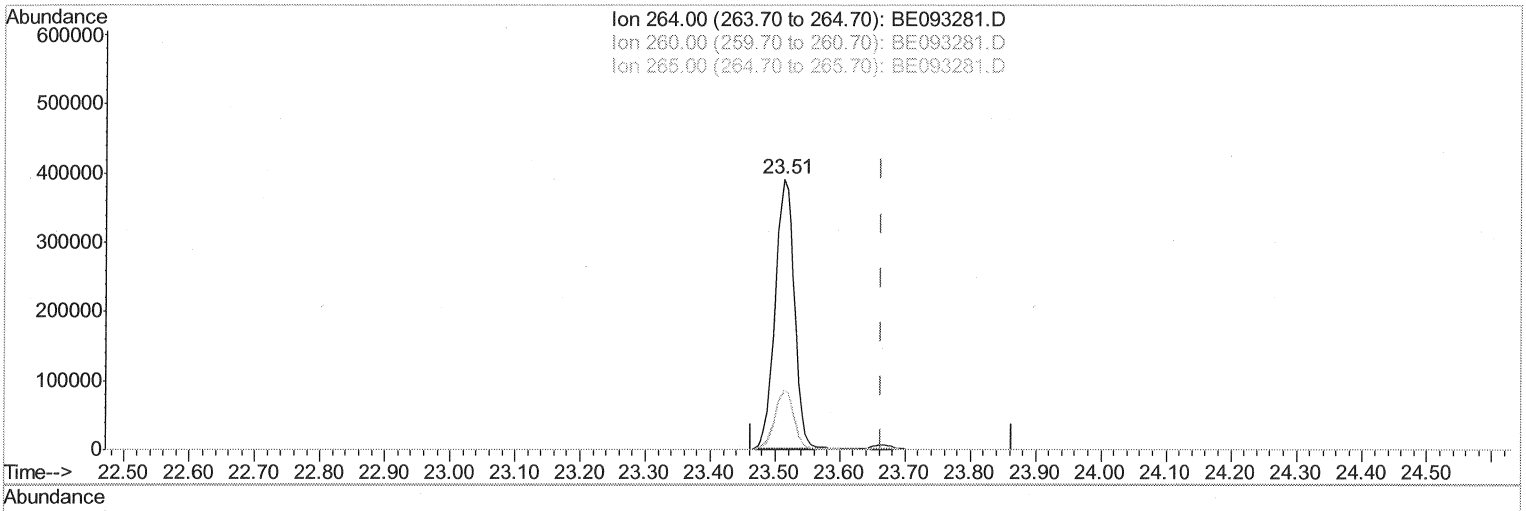
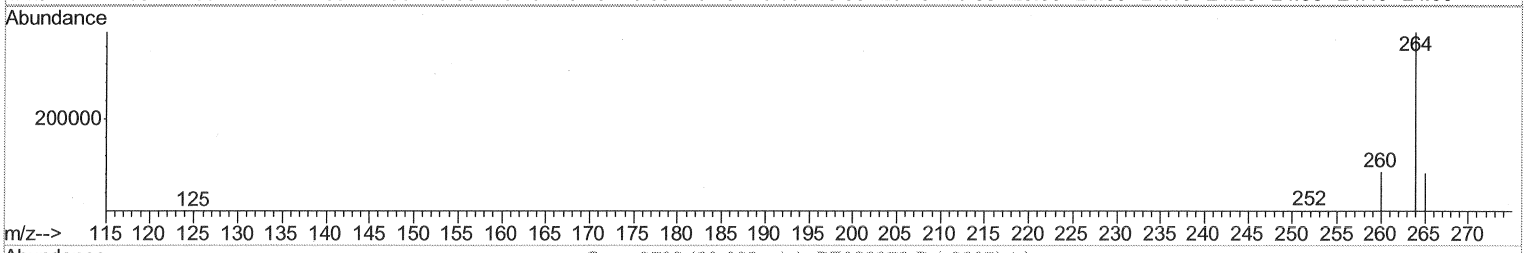
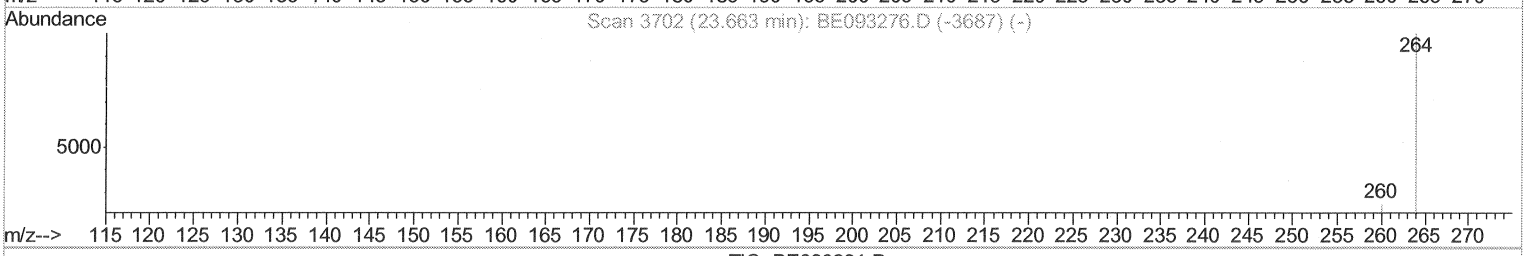
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

(20) Perylene-d12 (I)

23.514min (-0.149) 0.40ng/ul

response 809068

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.75#
265.00	103.50	21.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

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Sample : I3625-04
Misc :
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Quant Time: Jun 21 01:50:31 2017
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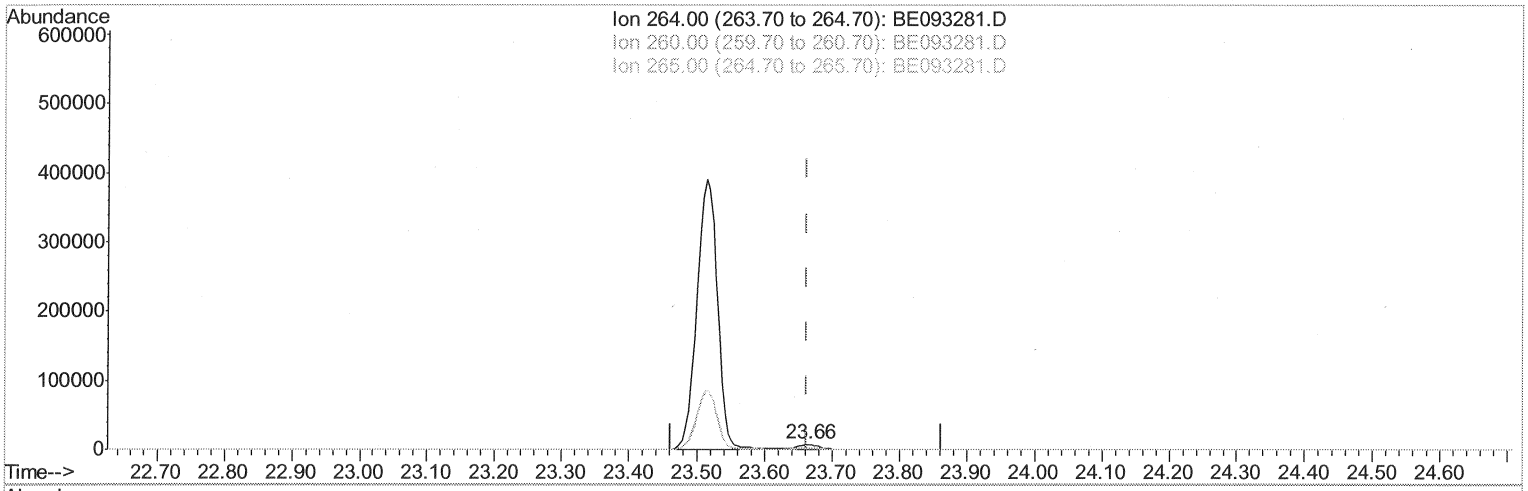
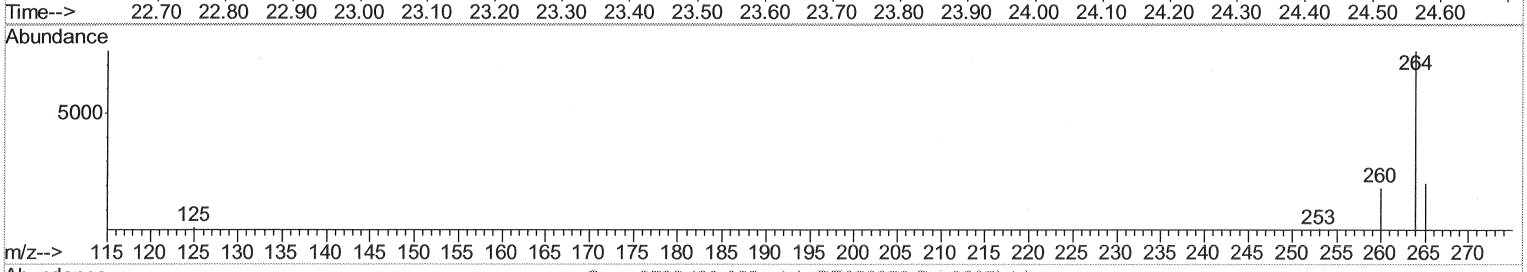
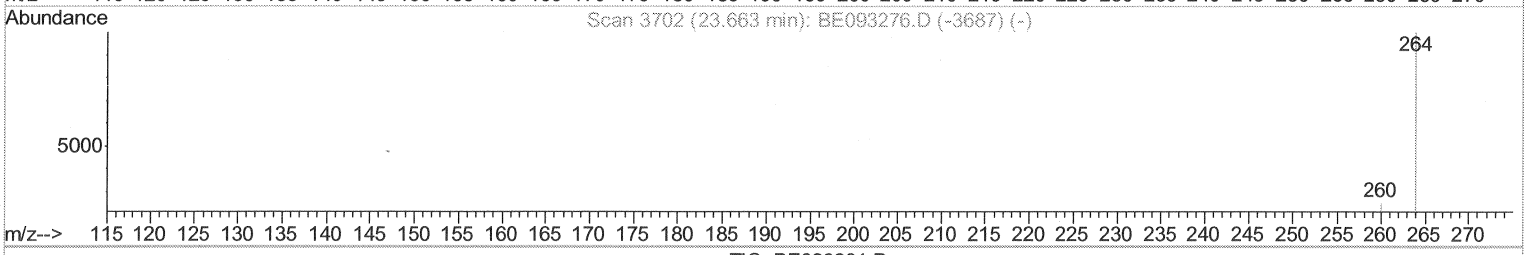
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

(20) Perylene-d12 (I)

23.664min (+0.001) 0.40ng/ul m

response 12465

SJ
6/26/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.99
265.00	103.50	27.73#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

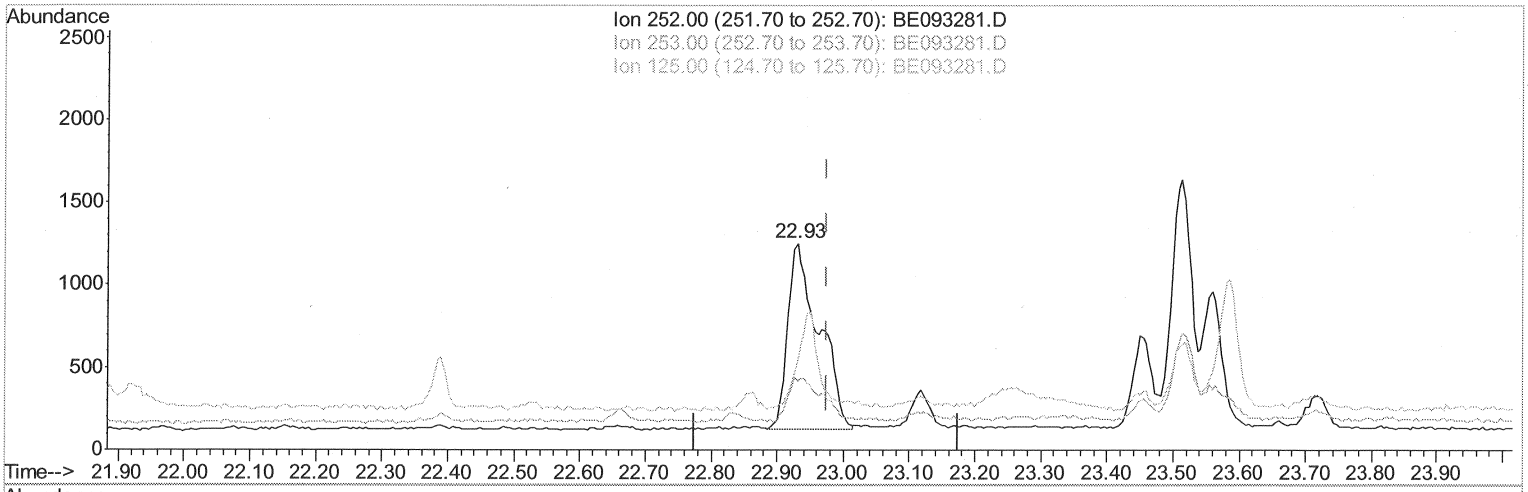
Quantitation Report (Qedit)

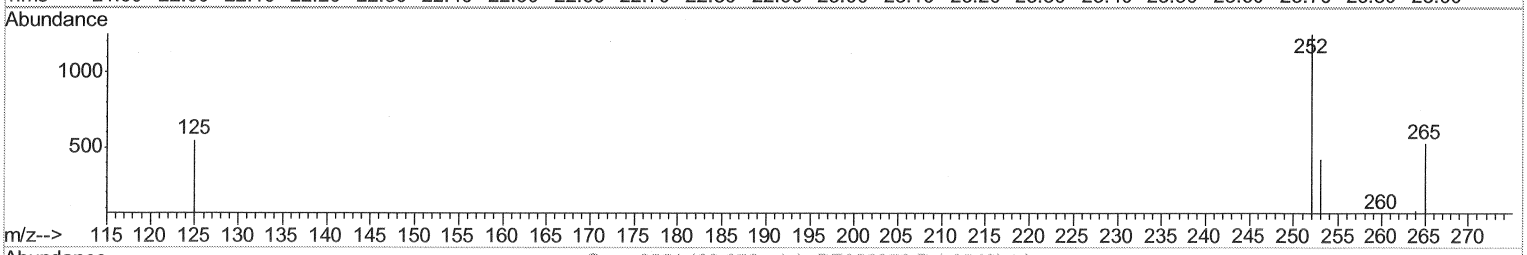
Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

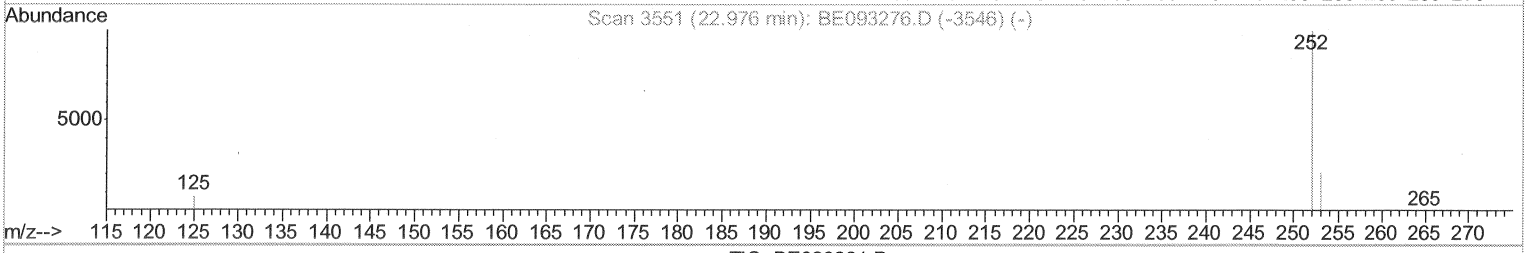
Quant Time: Jun 21 02:11:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

(22) Benzo(k)fluoranthene

22.931min (-0.045) 0.09ng/ul

response 3649

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.55
125.00	17.10	43.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

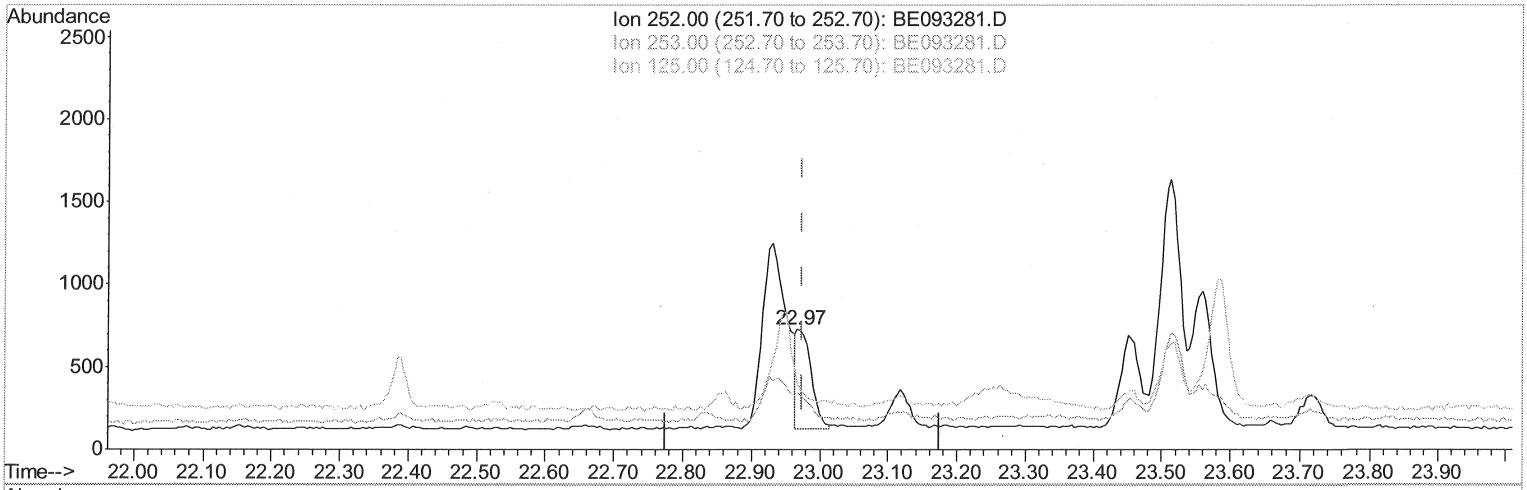
Quantitation Report (Qedit)

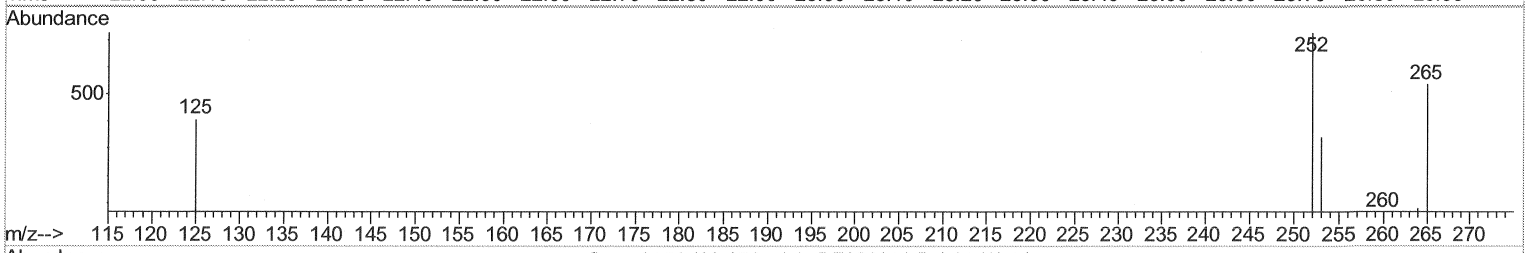
Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

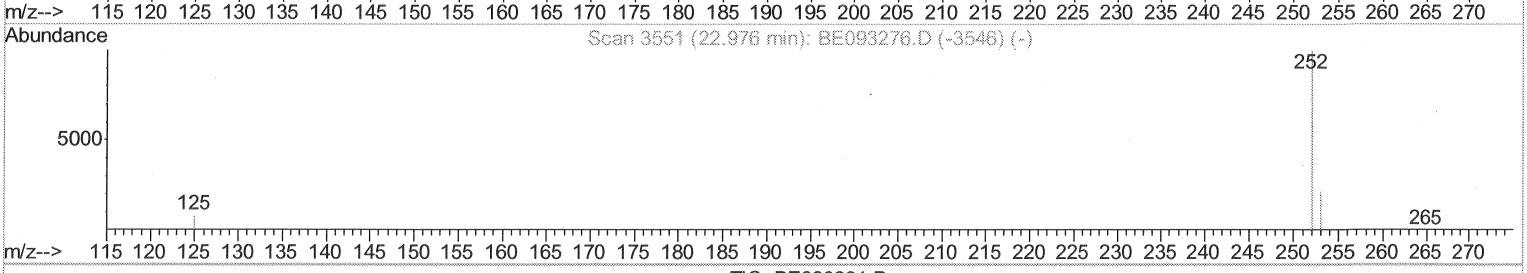
Quant Time: Jun 21 02:11:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

(22) Benzo(k)fluoranthene

22.967min (-0.008) 0.02ng/ul m

response 880

SJ 6/26/17

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	46.90#
125.00	17.10	56.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

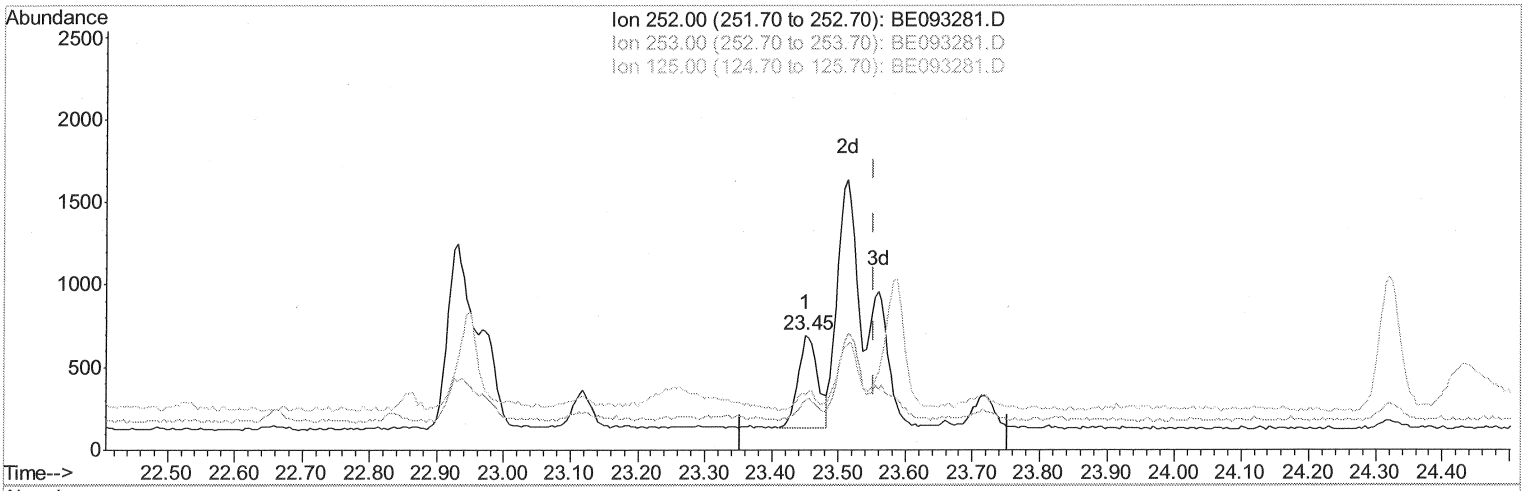
Quantitation Report (Qedit)

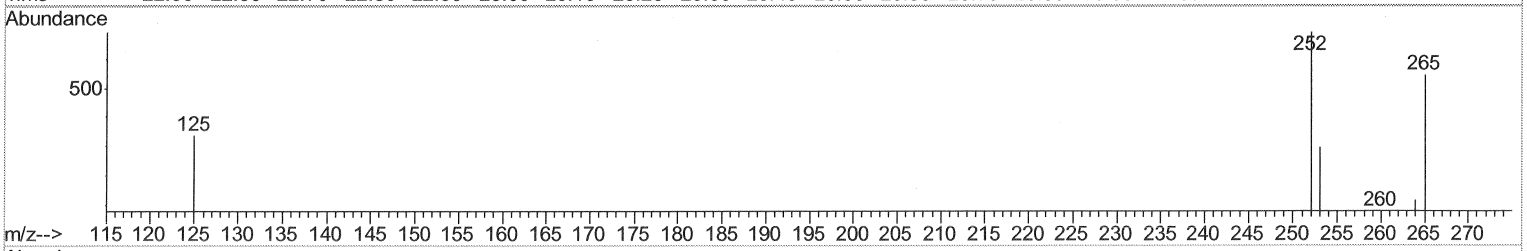
Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

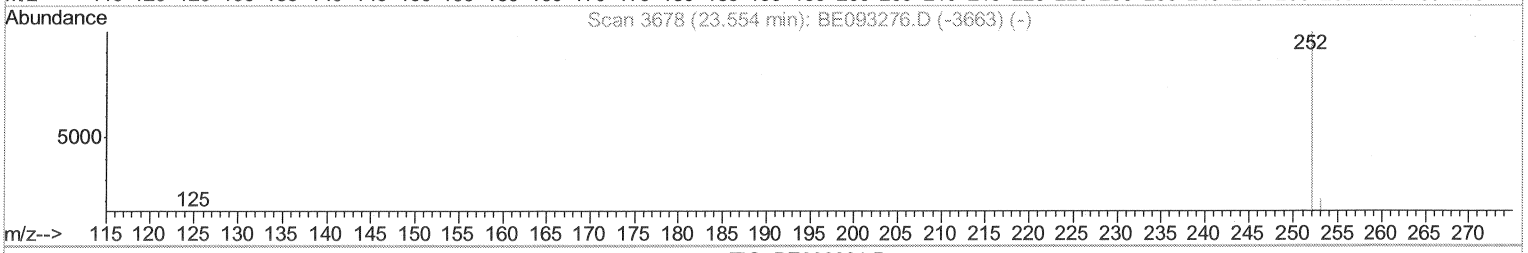
Quant Time: Jun 21 02:11:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

(23) Benzo(a)pyrene (C)

23.450min (-0.104) 0.03ng/ul

response 1159

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	42.71
125.00	22.60	48.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 02:11:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 01:49:50 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
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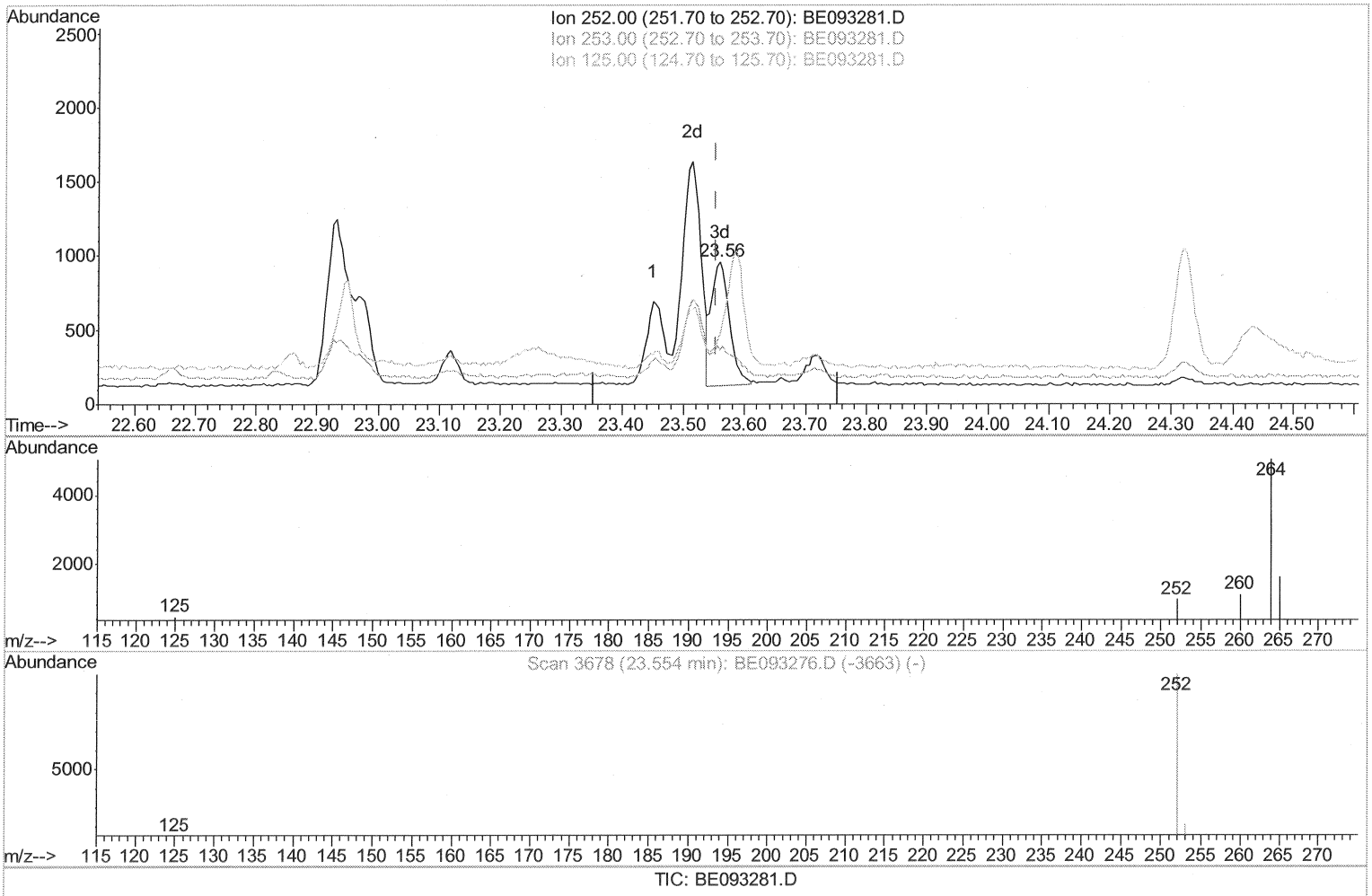

TIC: BE093281.D

(23) Benzo(a)pyrene (C)

23.559min (+0.005) 0.05ng/ul m

response 1708

SJ 6/26/17

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	38.13
125.00	22.60	49.58#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 02:11:12 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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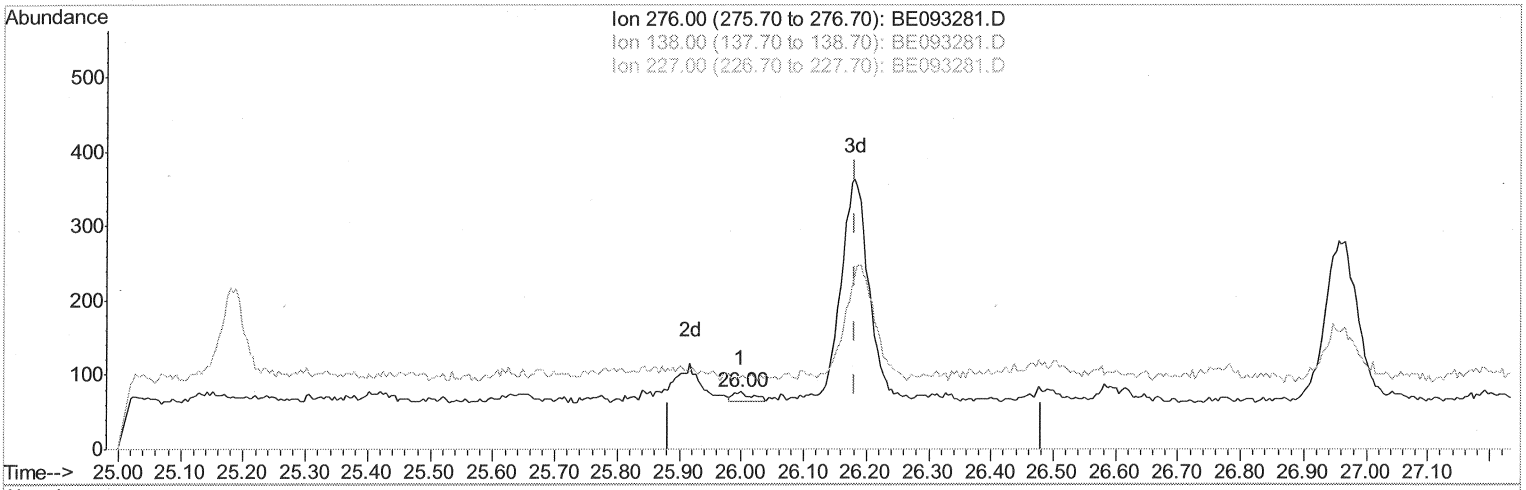
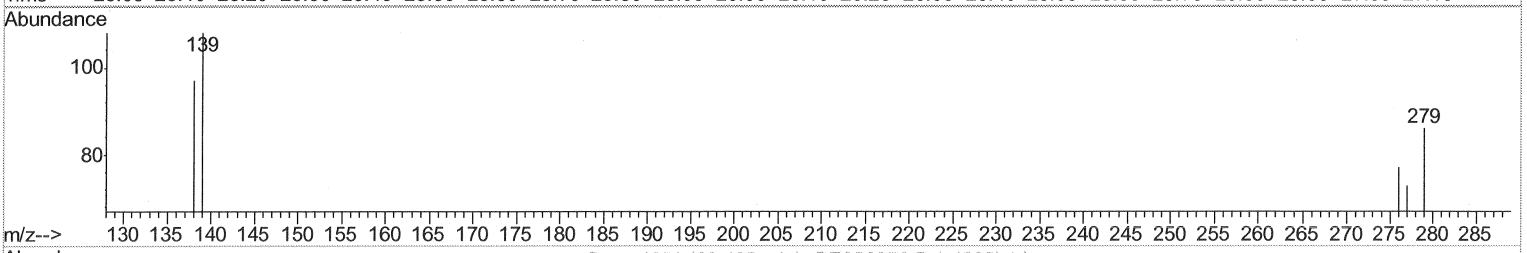
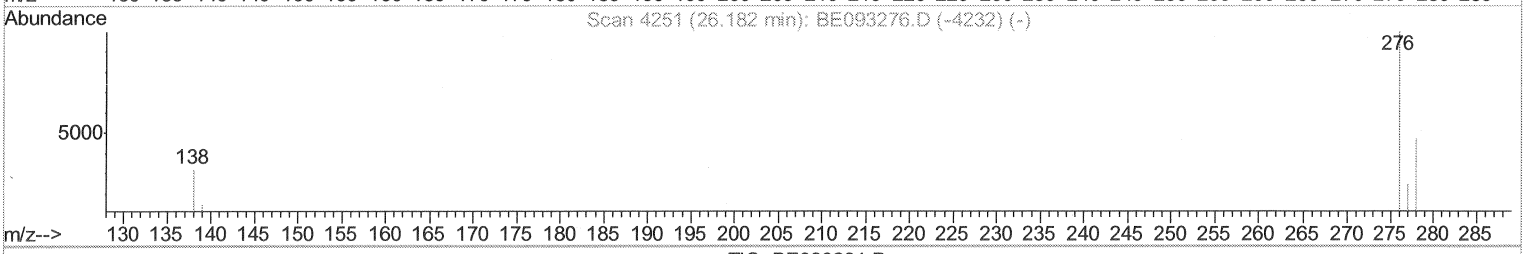
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5A85

Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

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

25.999min (-0.183) 0.00ng/ul

response 29

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (Qedit)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
Operator : SJ/JU
Sample : I3625-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 21 02:11:12 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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BNA_E
ClientSampleId :
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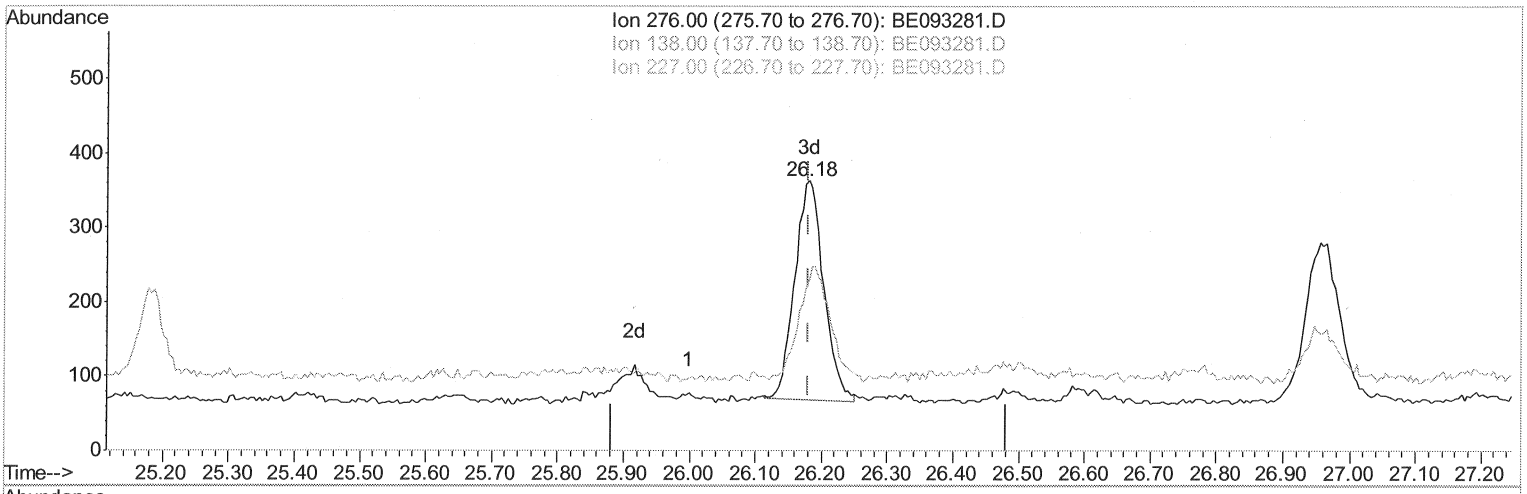
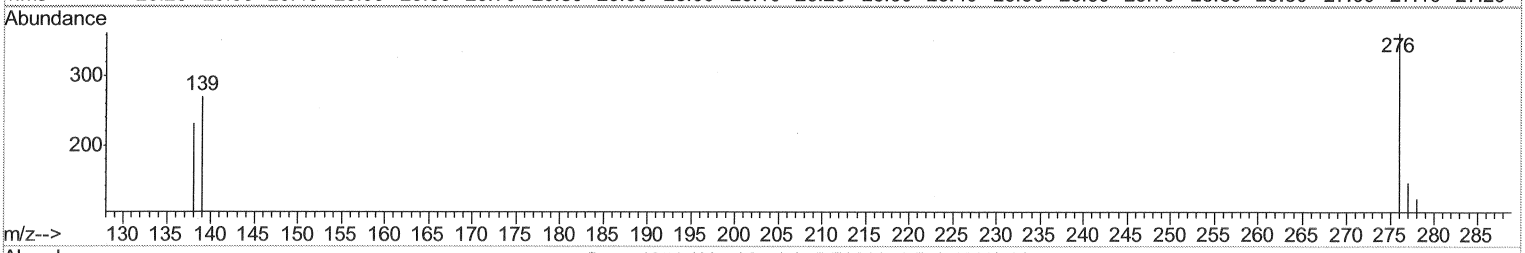
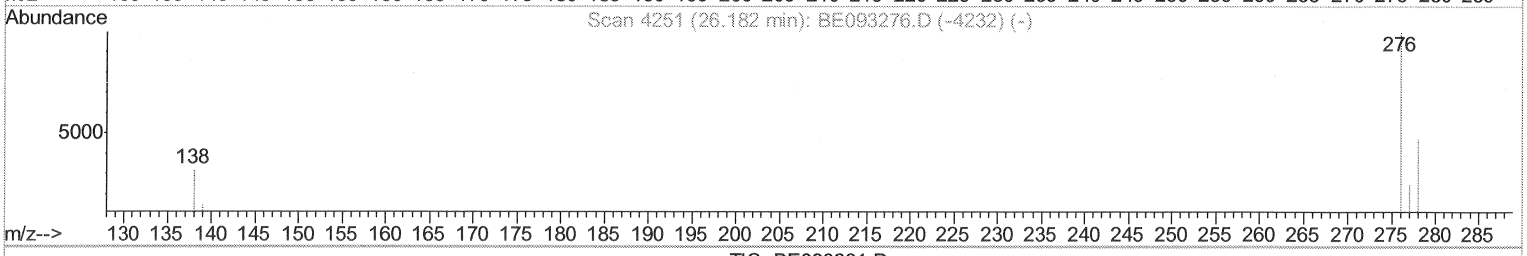
Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM







TIC: BE093281.D

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

26.181min (-0.001) 0.02ng/ul m SJ 6/26/17

response 895

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

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062017\

Quantitation Report (QT Reviewed)

Data File : BE093281.D
Acq On : 20 Jun 2017 14:54
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Sample : I3625-04
Misc :
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Manual Integrations APPROVED
mohammad
6/21/2017 12:18:12 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2003	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	10640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	6860	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	16557	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	15838	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	12465m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4219	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	11689	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.56	128	15050	0.57	ng/ul#	91
5) 2-Methylnaphthalene	12.18	142	3074	0.17	ng/ul	97
7) Acenaphthylene	14.08	152	700	0.02	ng/ul#	79
8) Acenaphthene	14.43	153	3051	0.13	ng/ul	97
9) Fluorene	15.42	166	4419	0.16	ng/ul	93
12) Phenanthrene	17.14	178	19014	0.42	ng/ul#	88
13) Anthracene	17.22	178	3991	0.10	ng/ul#	92
15) Fluoranthene	19.15	202	11792	0.21	ng/ul	83
17) Pyrene	19.51	202	10804	0.23	ng/ul#	89
18) Benzo(a)anthracene	21.24	228	2791	0.07	ng/ul#	84
19) Chrysene	21.30	228	2819	0.06	ng/ul	93
21) Benzo(b)fluoranthene	22.93	252	2762	0.07	ng/ul#	77
22) Benzo(k)fluoranthene	22.97	252	880m	0.02	ng/ul	
23) Benzo(a)pyrene	23.56	252	1708m	0.05	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	895m	0.02	ng/ul	

SJ 6/26/17

SJ 6/26/17

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