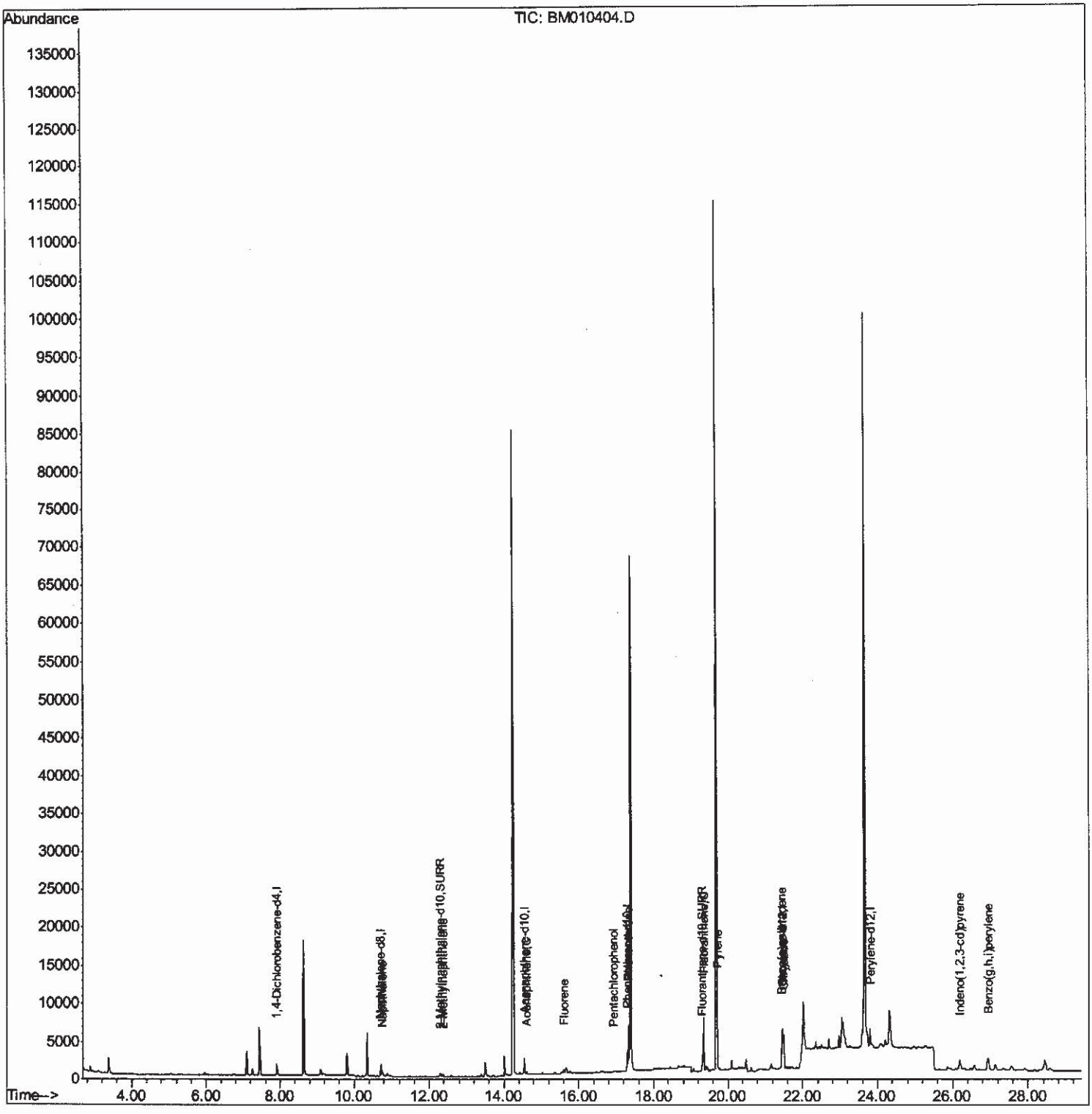
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060217\
Data File : BM010404.D
Acq On : 03 Jun 2017 01:12
Operator : SJ/MA
Sample : I3163-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 05 11:16:30 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM053017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 04:03:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSH2

Manual Integrations APPROVED
mohammad
6/5/2017 11:39:11 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060217\
Data File : BM010404.D
Acq On : 03 Jun 2017 01:12
Operator : SJ/MA
Sample : I3163-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 05 11:13:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM053017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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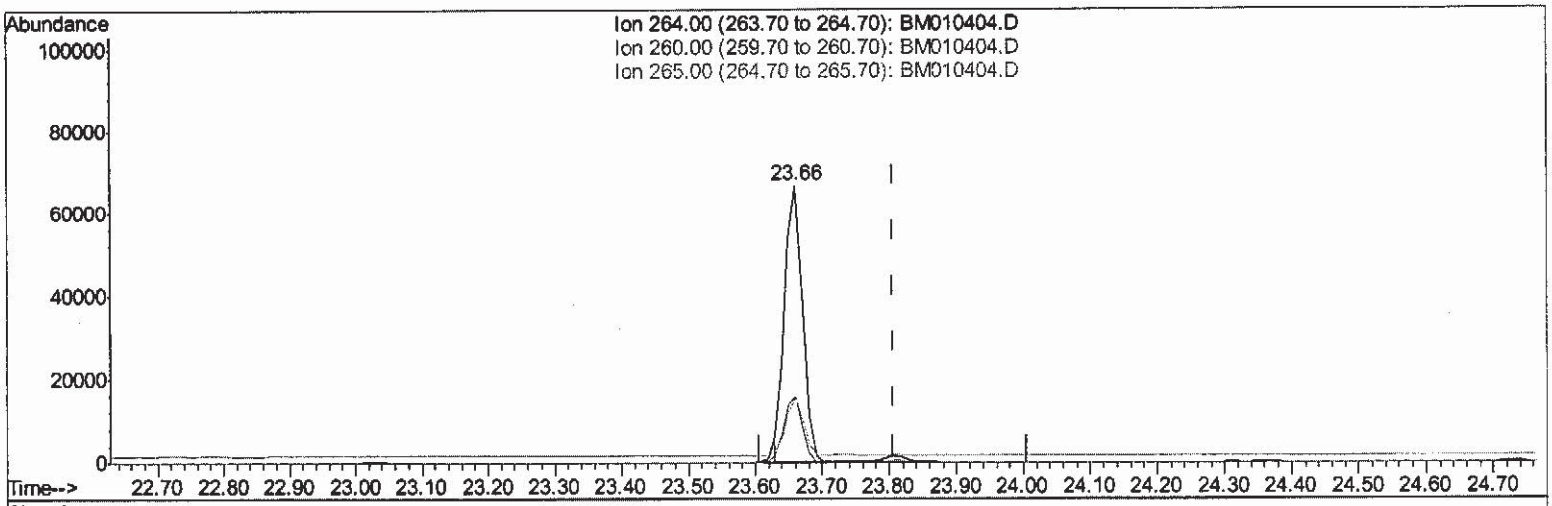
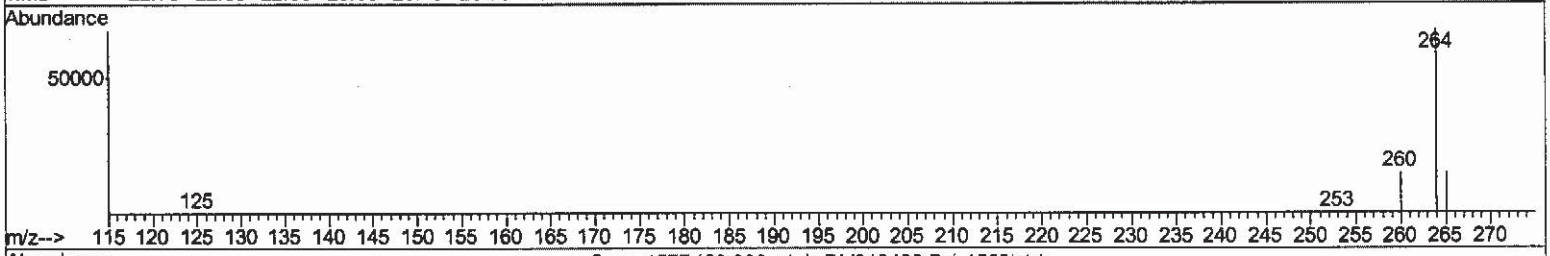
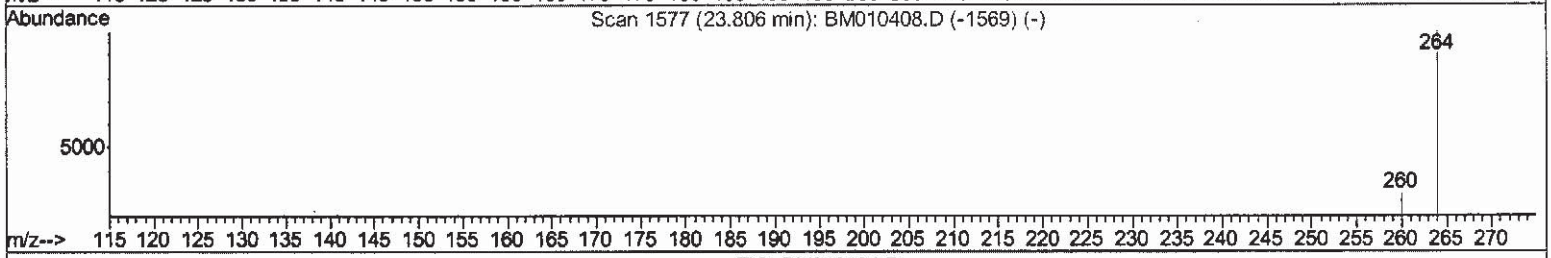
mohammad
6/5/2017 11:39:11 AM







TIC: BM010404.D

(20) Perylene-d12 (I)

23.660min (-0.146) 0.40ng/ul

response 122114

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.46#
265.00	103.50	23.29#
0.00	0.00	0.00

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mohammad
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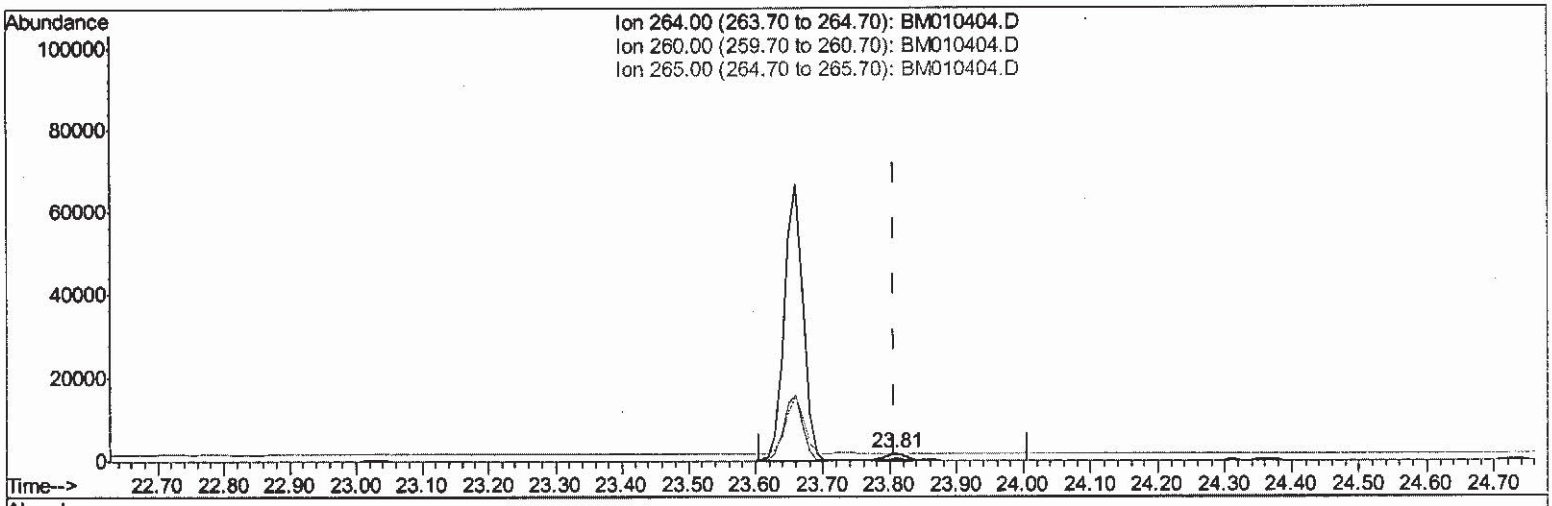

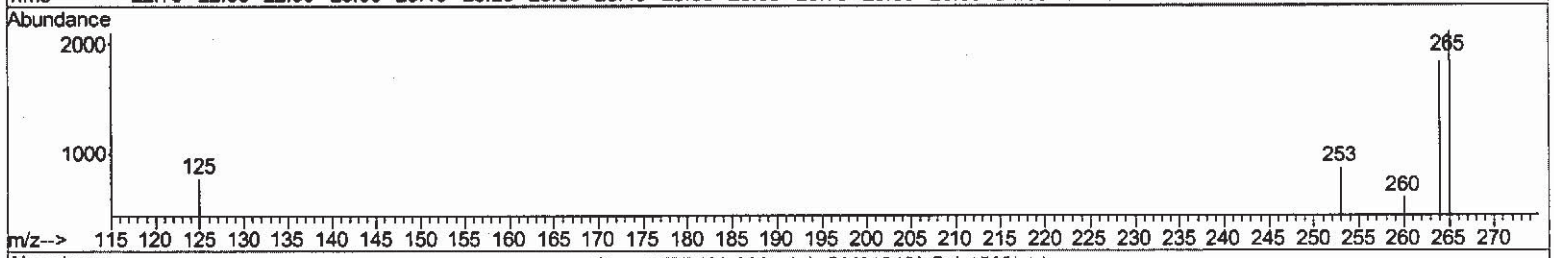

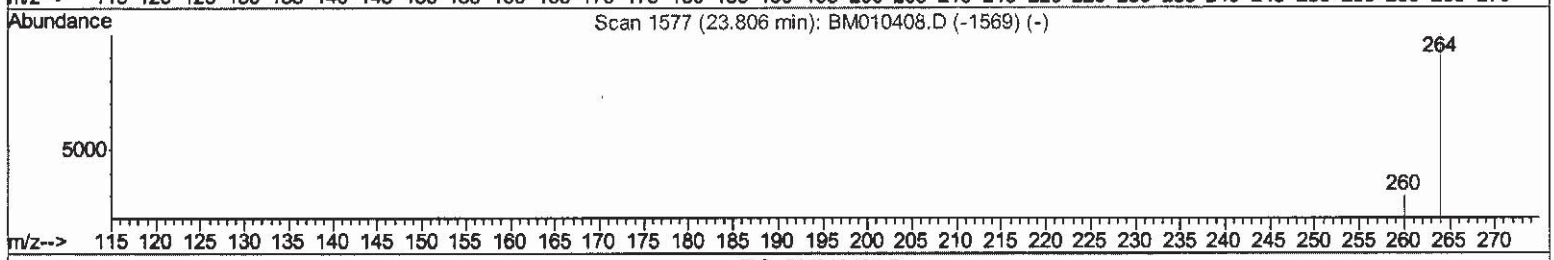

TIC: BM010404.D

(20) Perylene-d12 (I)

23.806min (0.000) 0.40ng/ul m SJ 6/6/17

response 3283

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	33.21
265.00	103.50	114.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060217\
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Acq On : 03 Jun 2017 01:12
Operator : SJ/MA
Sample : I3163-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 05 11:15:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM053017.M
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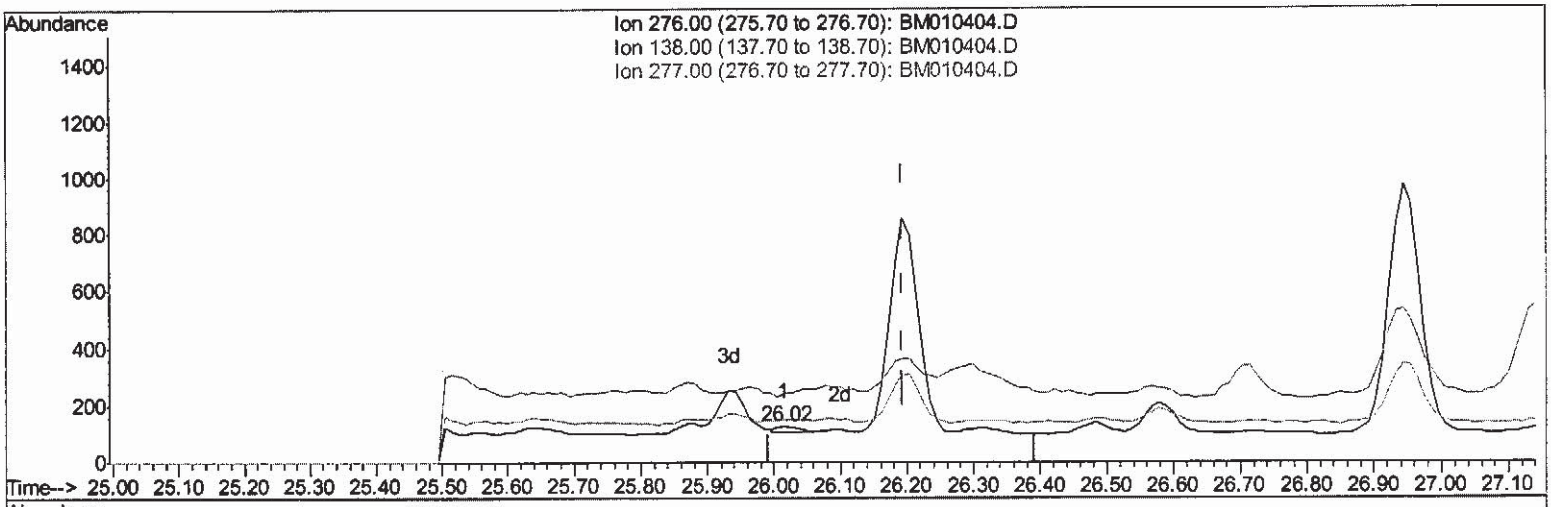
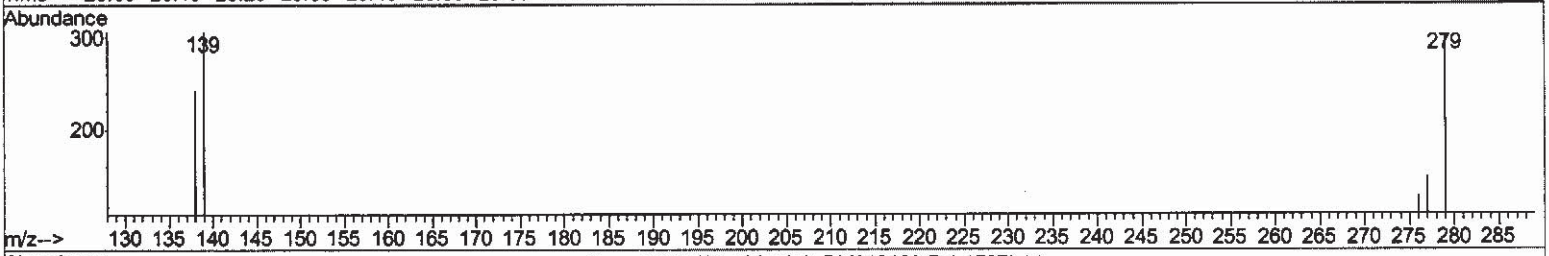
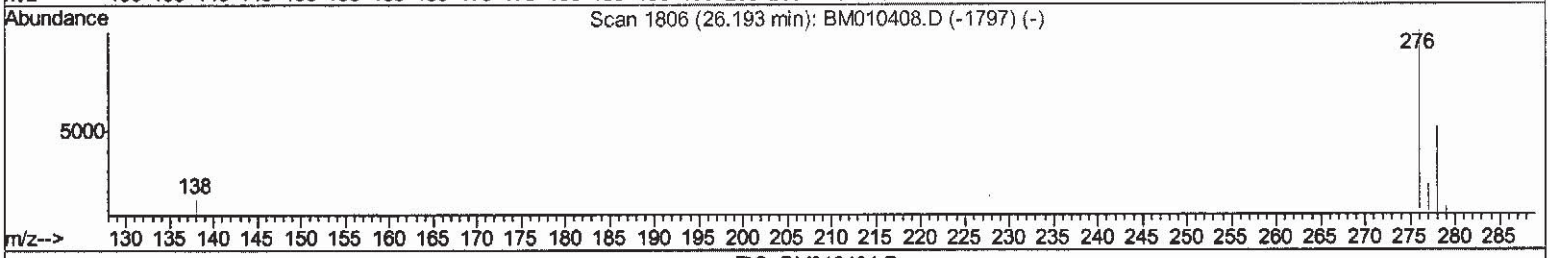
QLast Update : Mon Jun 05 04:03:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHSH2

Manual Integrations APPROVED
mohammad
6/5/2017 11:39:11 AM







TIC: BM010404.D

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

26.016min (-0.177) 0.00ng/ul

response 45

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060217\
Data File : BM010404.D
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Operator : SJ/MA
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Misc :
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Quant Time: Jun 05 11:15:14 2017
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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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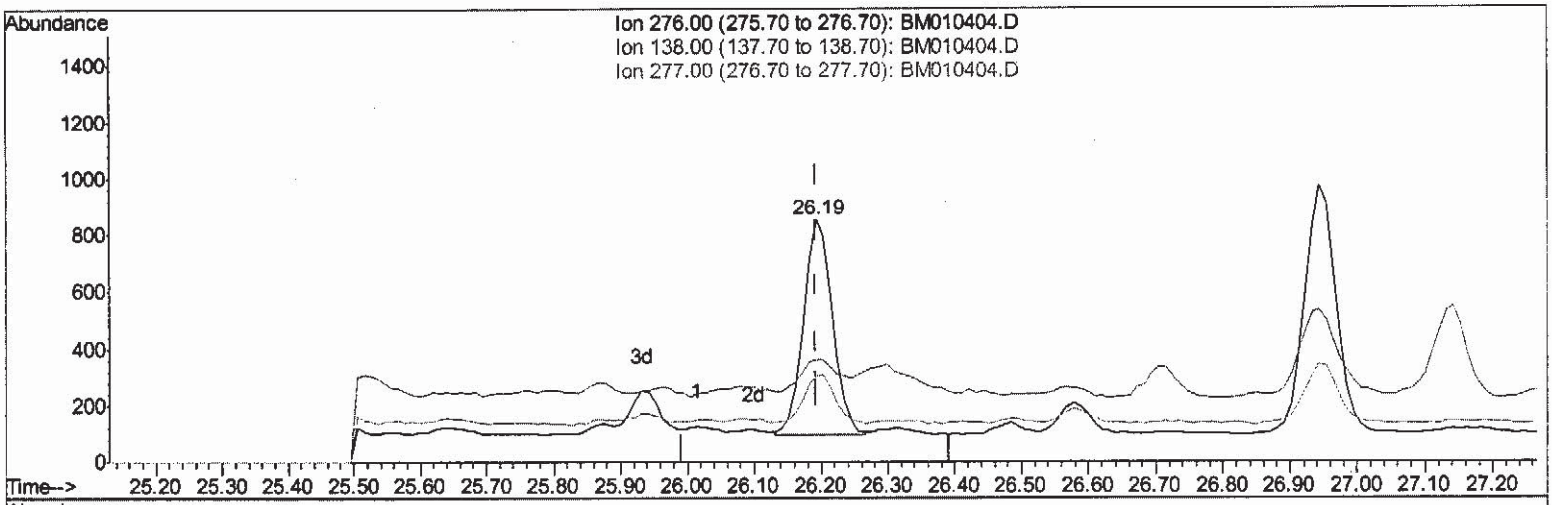

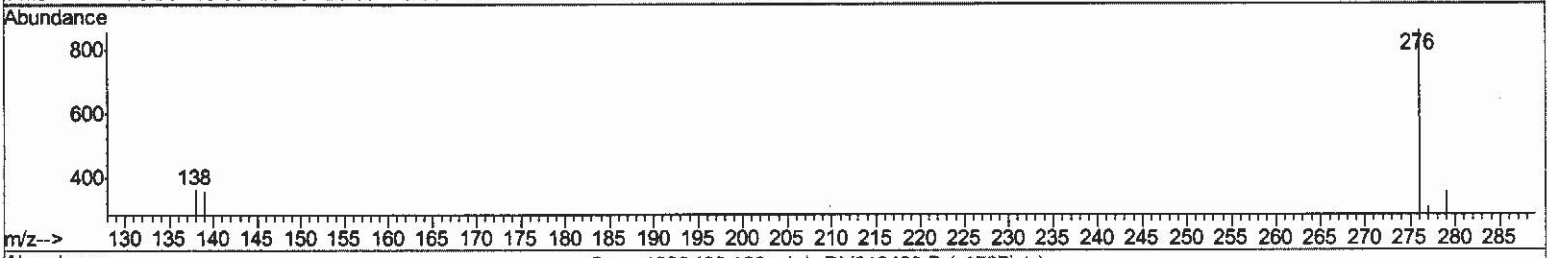

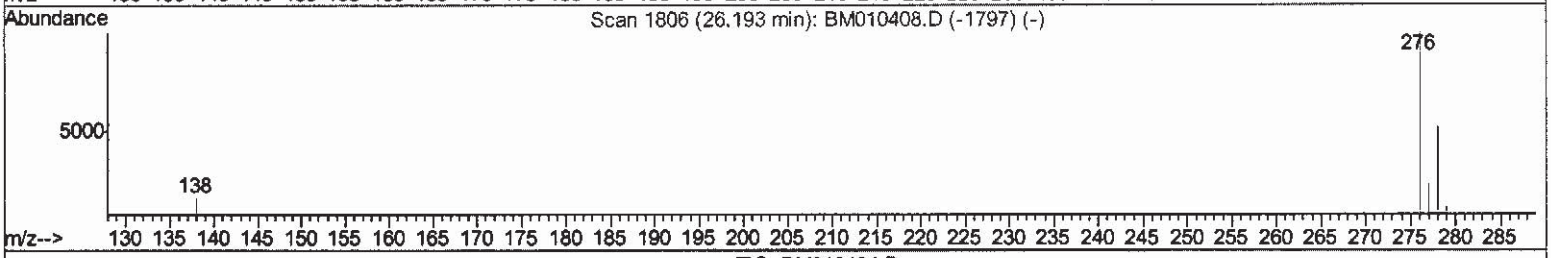

TIC: BM010404.D

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

26.193min (+0.000) 0.13ng/ul m SJ 6/6/17

response 2257

Ion	Exp%	Act%
276.00	100	100
138.00	23.90	0.00#
277.00	24.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060217\
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Acq On : 03 Jun 2017 01:12
Operator : SJ/MA
Sample : I3163-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 05 11:15:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM053017.M
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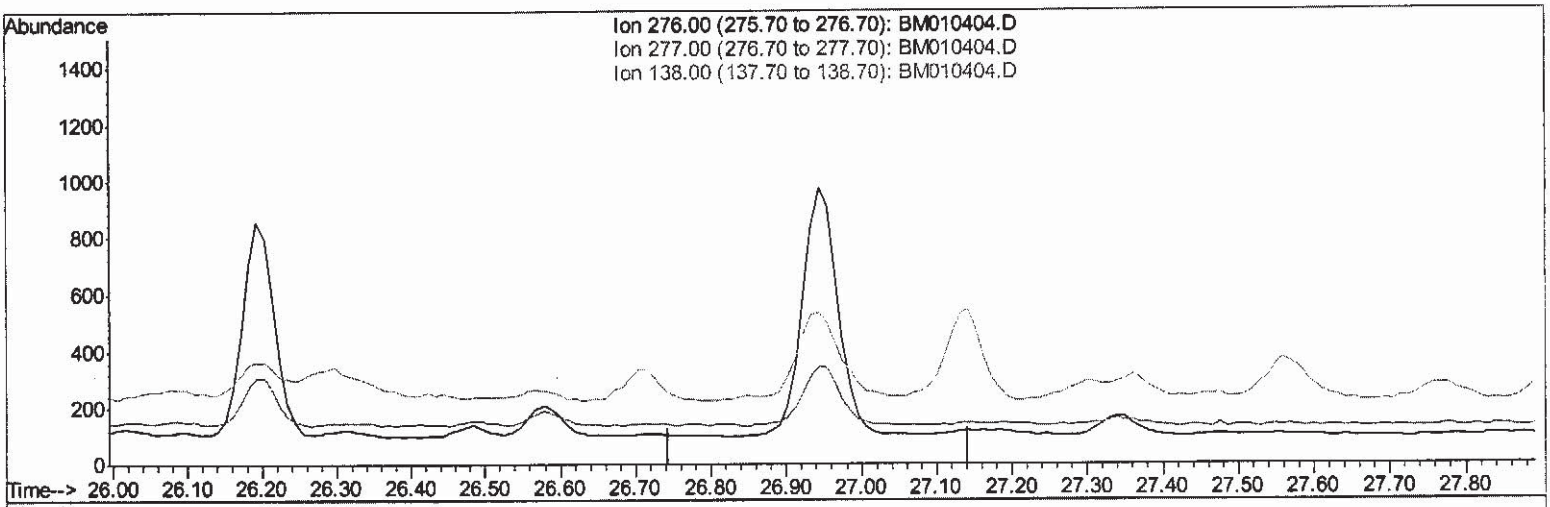
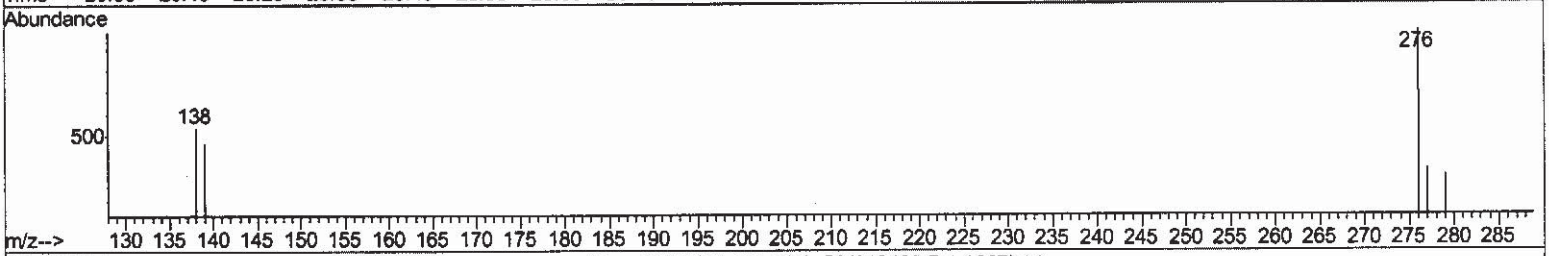
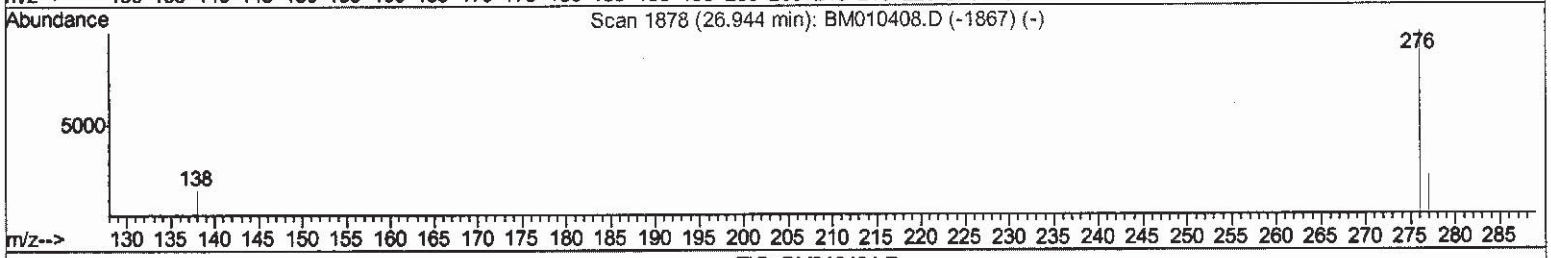
Instrument :
BNA_M
ClientSampleId :
JHSH2

Manual Integrations APPROVED
mohammad
6/5/2017 11:39:11 AM







TIC: BM010404.D

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

26.944min (-26.944) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

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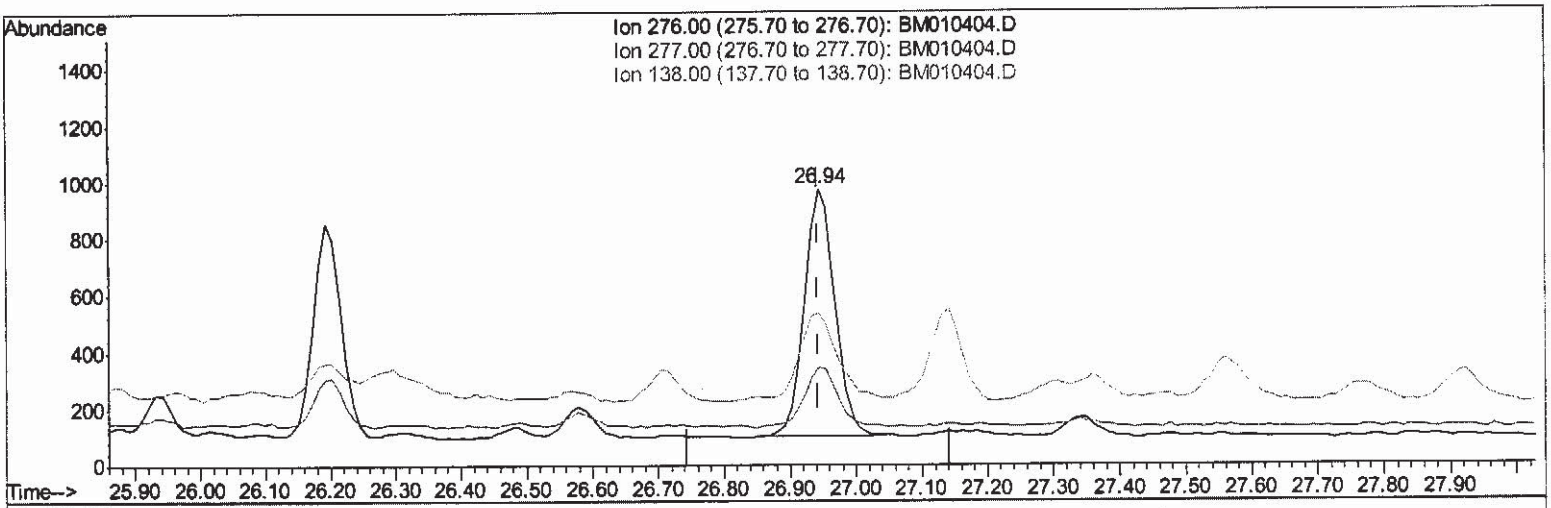
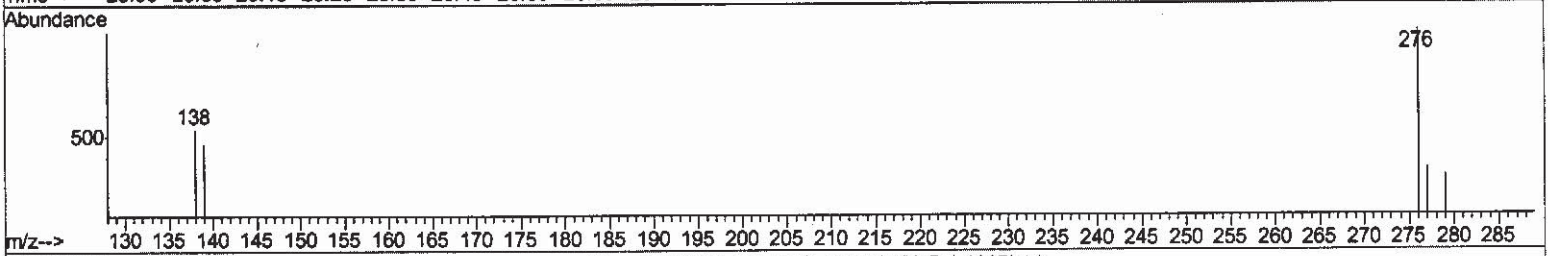
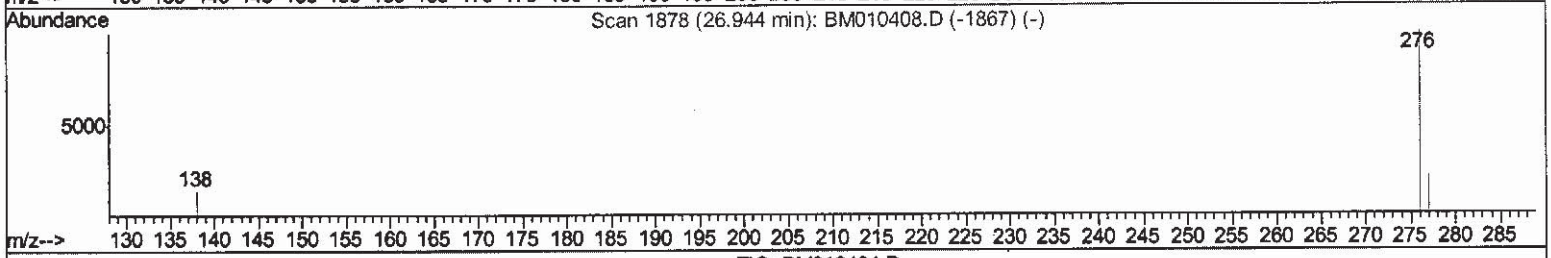
Manual Integrations APPROVED
mohammad
6/5/2017 11:39:11 AM







TIC: BM010404.D

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

26.944min (0.000) 0.18ng/ul m SJ 6/6/17

response 2820

Ion	Exp%	Act%
276.00	100	100
277.00	27.30	35.56#
138.00	25.60	55.09#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : SJ/MA
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSH2

Manual Integrations APPROVED
mohammad
6/5/2017 11:39:11 AM

Quant Time: Jun 05 11:16:30 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	857	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	2551	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	1489	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	3189	0.40	ng/ul	0.00
16) Chrysene-d12	21.46	240	3293	0.40	ng/ul	0.00
20) Perylene-d12	23.81	264	3283m>	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	611	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	1502	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.77	128	724	0.108	ng/ul#	81
5) 2-Methylnaphthalene	12.37	142	282	0.059	ng/ul	97
8) Acenaphthene	14.61	153	289	0.051	ng/ul#	91
9) Fluorene	15.60	166	339	0.050	ng/ul#	78
11) Pentachlorophenol	16.94	266	103	0.084	ng/ul#	85
12) Phenanthrene	17.33	178	6414	0.626	ng/ul	97
15) Fluoranthene	19.35	202	7248	0.570	ng/ul	91
17) Pyrene	19.71	202	7232	0.516	ng/ul#	95
18) Benzo(a)anthracene	21.44	228	3834	0.286	ng/ul#	87
19) Chrysene	21.49	228	6088	0.470	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	26.19	276	2257m>	0.126	ng/ul	
26) Benzo(g,h,i)perylene	26.94	276	2820m>	0.183	ng/ul	

SJ 6/6/17

SJ 6/6/17

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