

Quantitation Report (QT Reviewed)

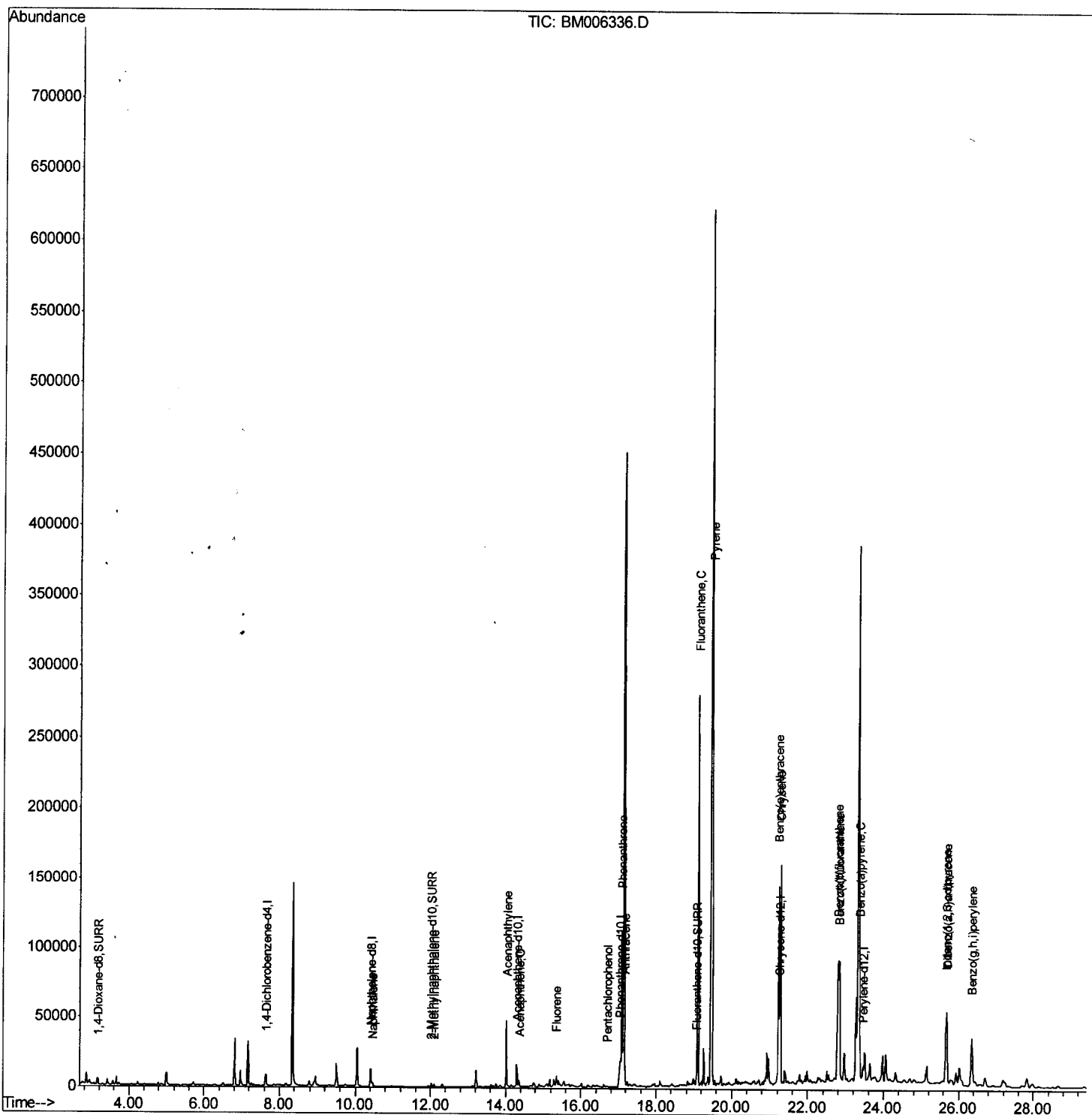
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW4

Manual Integration

Quant Time: Jul 08 07:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

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Quantitation Report (Qedit)

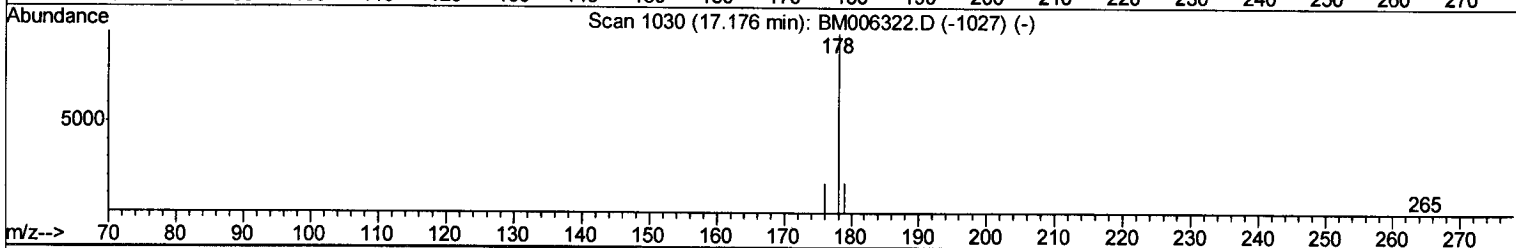
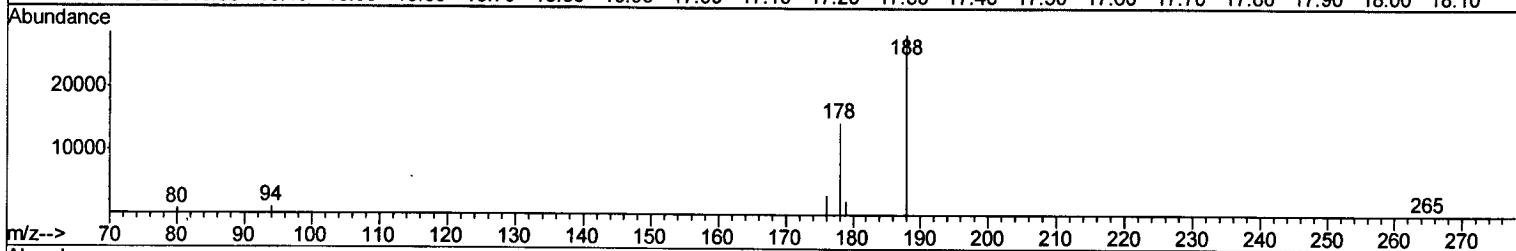
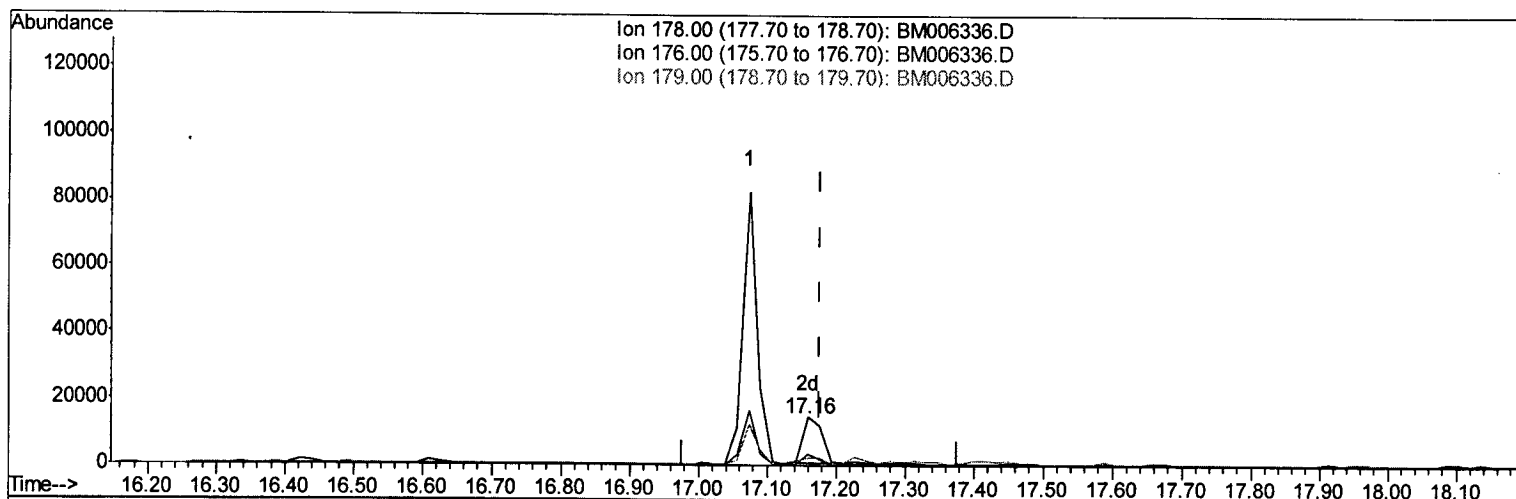
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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 Operator : UM/SJ
 Sample : H3811-16
 Misc :
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Instrument :
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Manual Integration

Quant Time: Jul 08 03:48:12 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM006336.D

(15) Anthracene

17.159min (-0.017) 0.43ng/ul m

response 25967

U.M.
07/12/16

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	22.15#
179.00	16.10	15.47
0.00	0.00	0.00

Quantitation Report (Qedit)

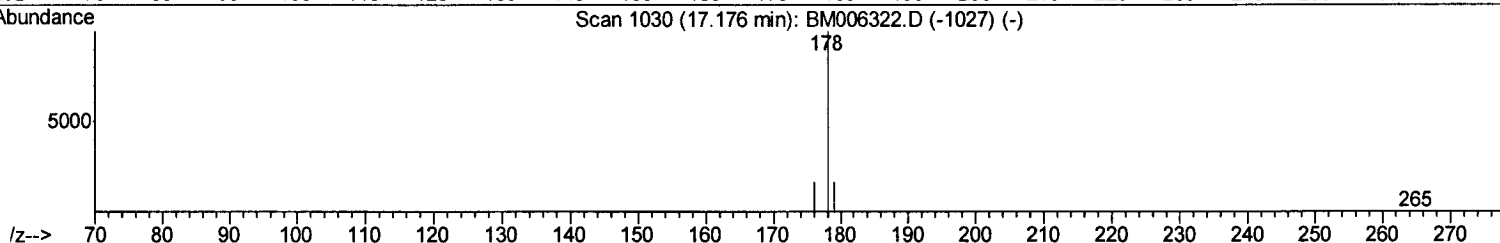
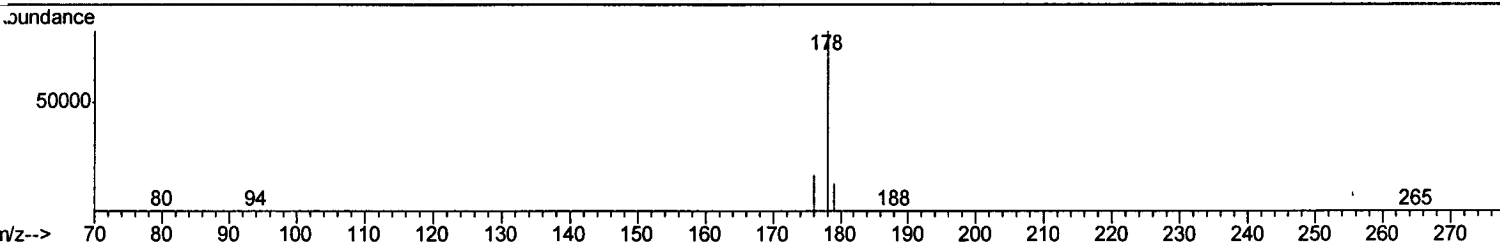
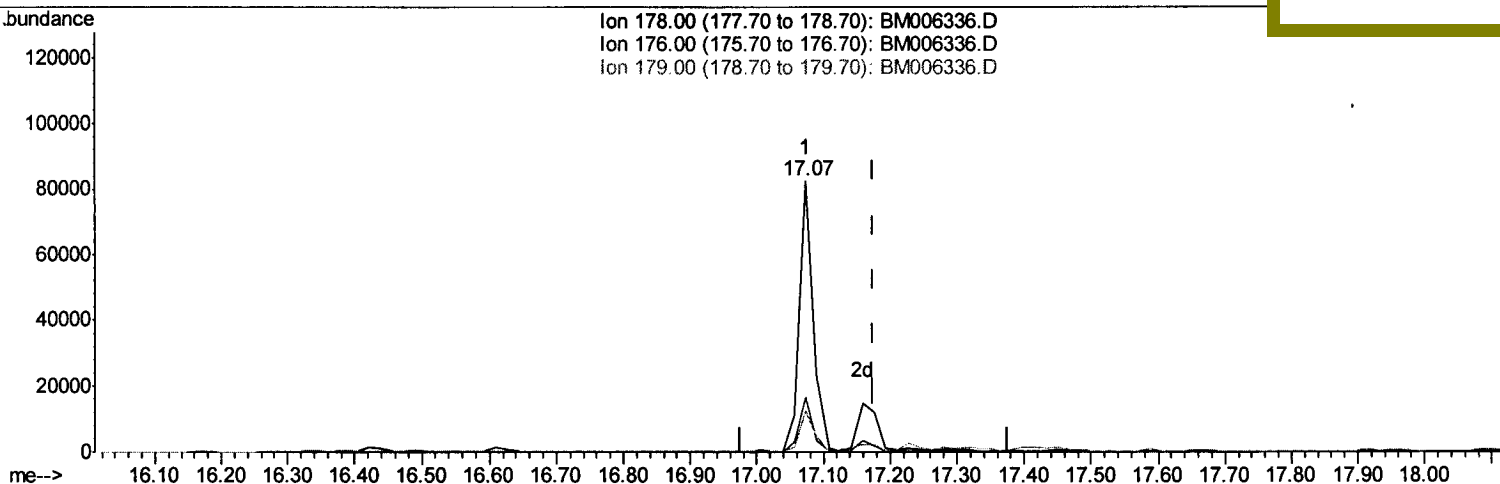
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TIC: BM006336.D

(15) Anthracene

17.073min (-0.103) 2.03ng/ul

response 120961

Ion	Exp%	Act%
178.00	100	100
176.00	17.50	19.90
179.00	16.10	14.91
0.00	0.00	0.00

Quantitation Report (Qedit)

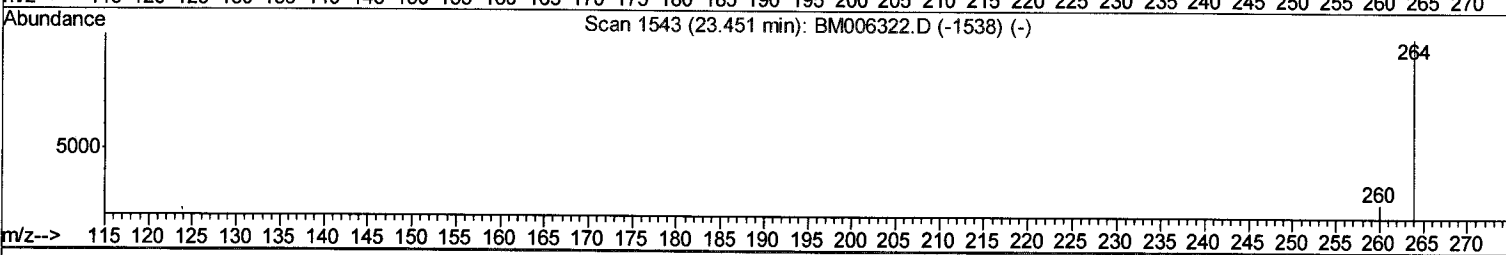
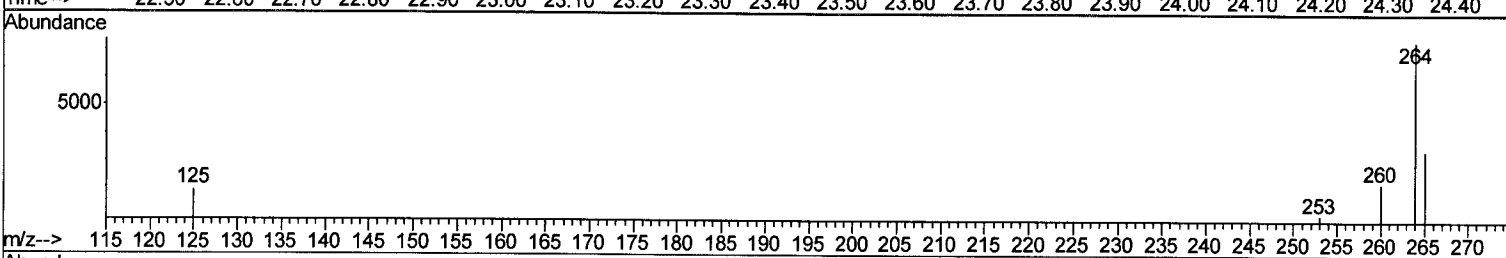
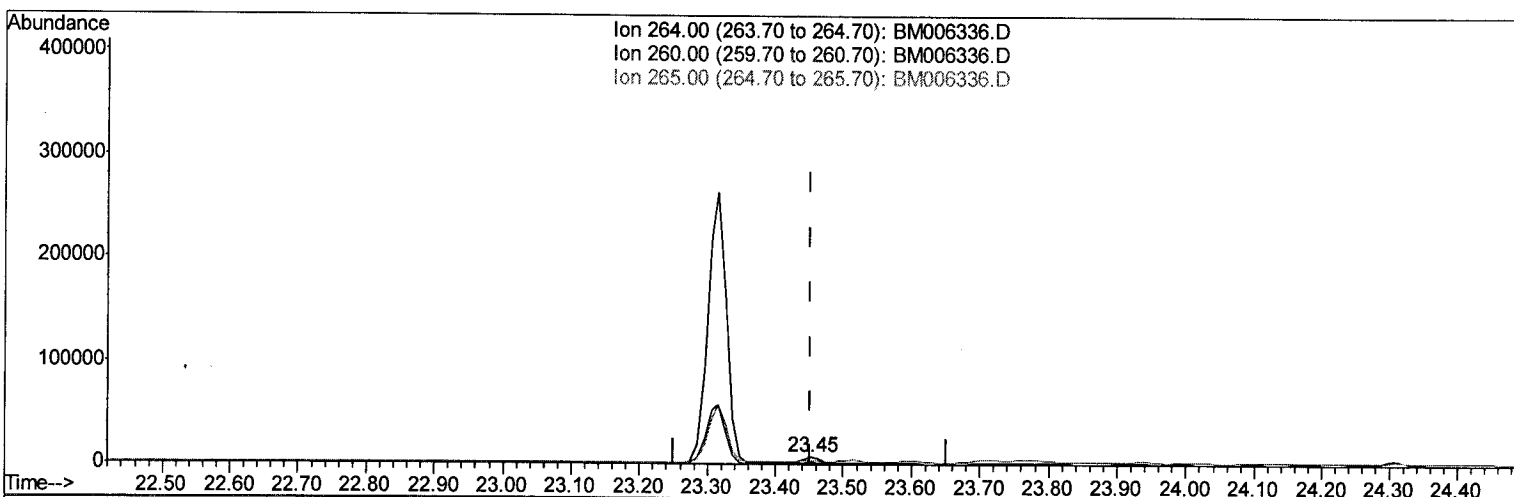
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TIC: BM006336.D

(22) Perylene-d12 (I)

23.451min (-0.000) 0.40ng/ul m

response 12075

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	30.04
265.00	38.20	46.32#
0.00	0.00	0.00

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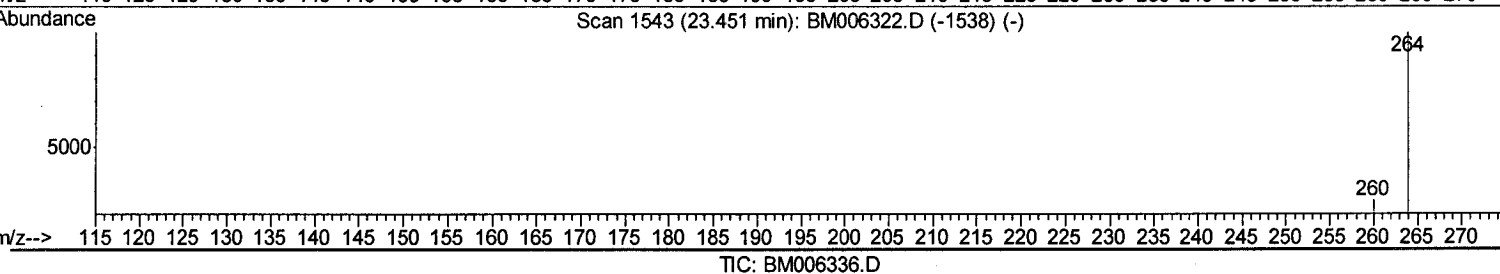
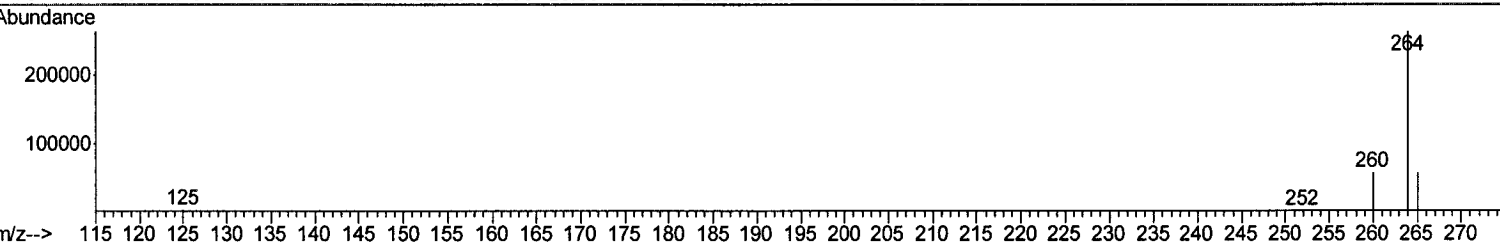
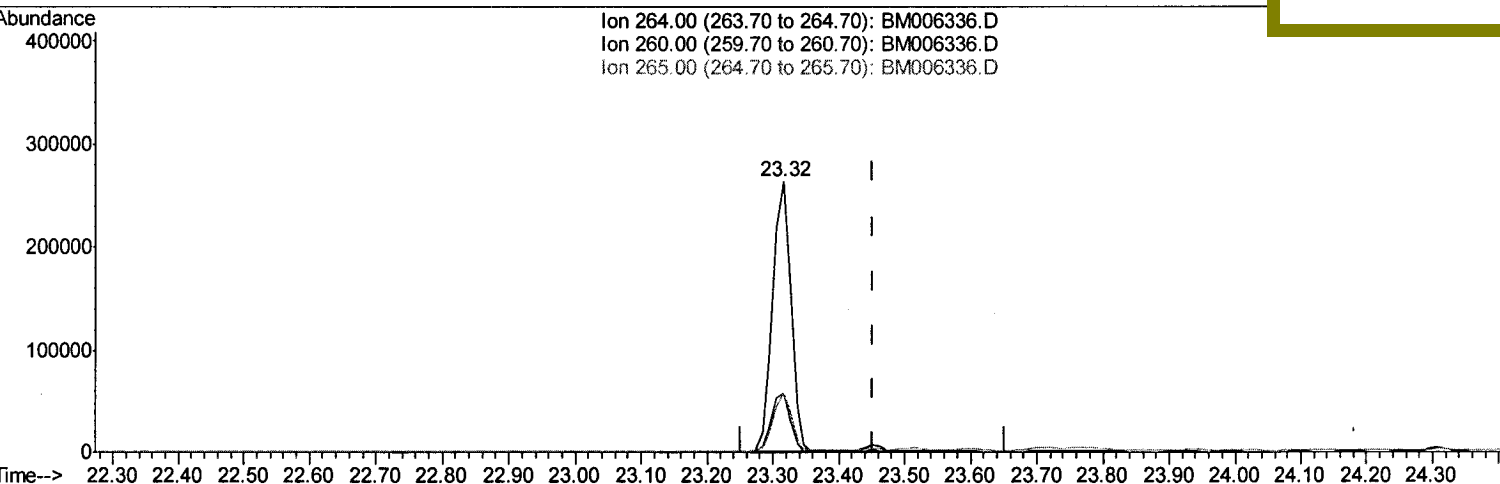
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(22) Perylene-d12 (I)

23.316min (-0.136) 0.40ng/ul

response 504585

Ion	Exp%	Act%
264.00	100	100
260.00	25.60	21.73
265.00	38.20	22.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

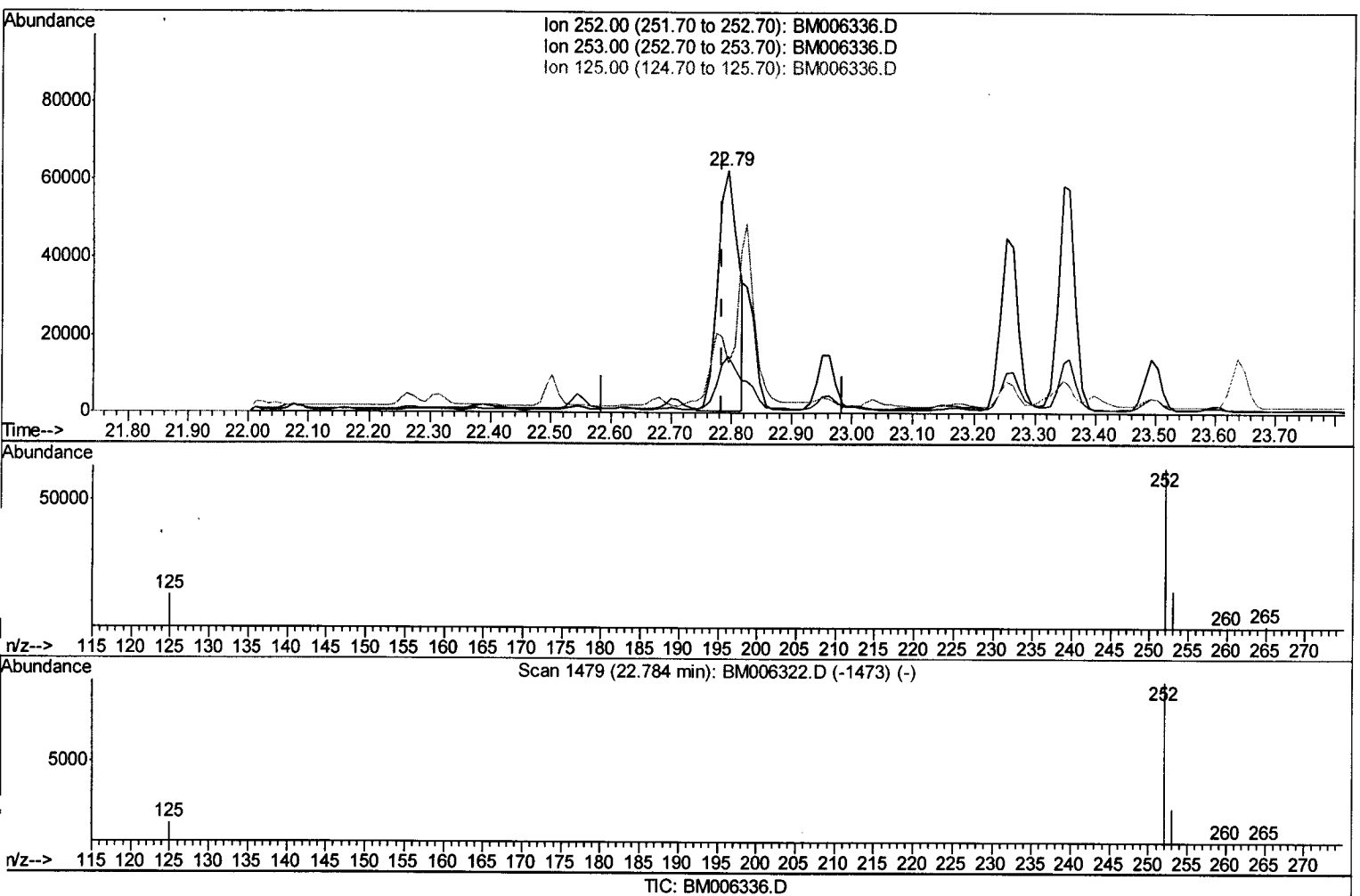
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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(23) Benzo(b)fluoranthene

22.795min (+0.010) 3.40ng/ul m

response 147152

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.78
125.00	14.40	21.01
0.00	0.00	0.00

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Quantitation Report (Qedit)

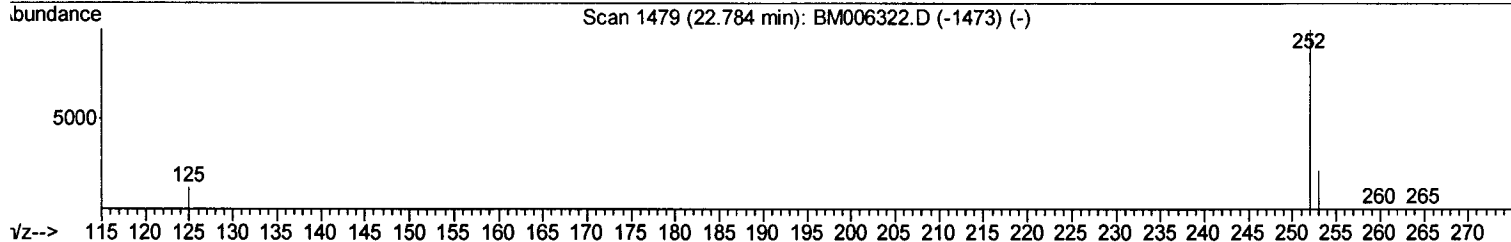
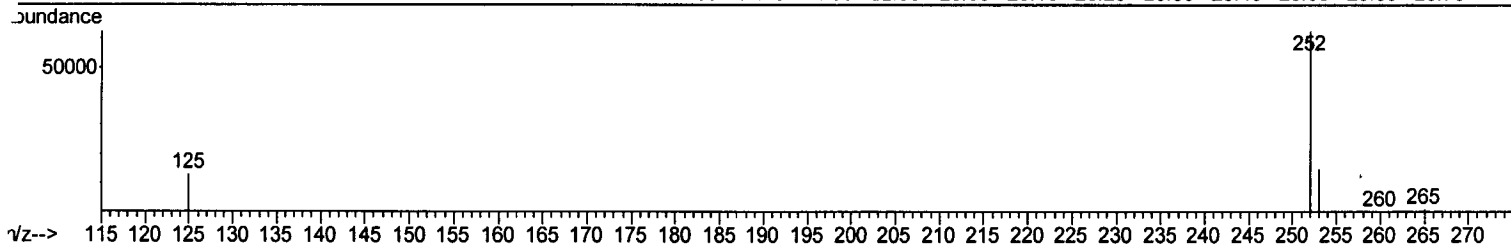
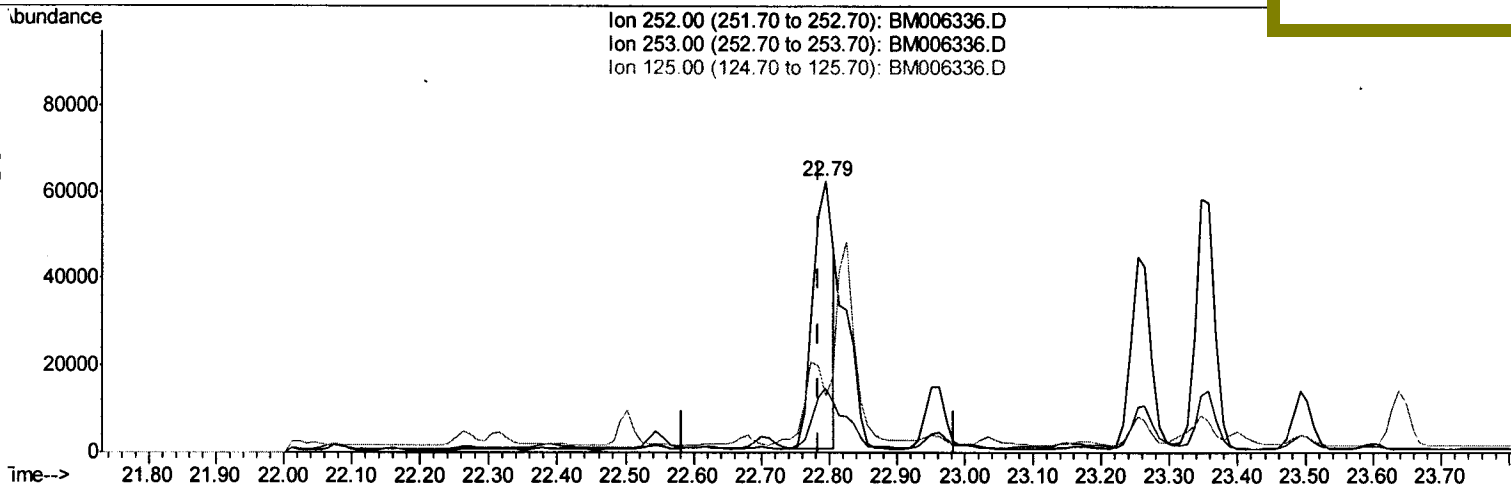
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW4

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TIC: BM006336.D

(23) Benzo(b)fluoranthene

22.795min (+0.010) 2.90ng/ul

response 125394

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.78
125.00	14.40	21.01
0.00	0.00	0.00

Quantitation Report (Qedit)

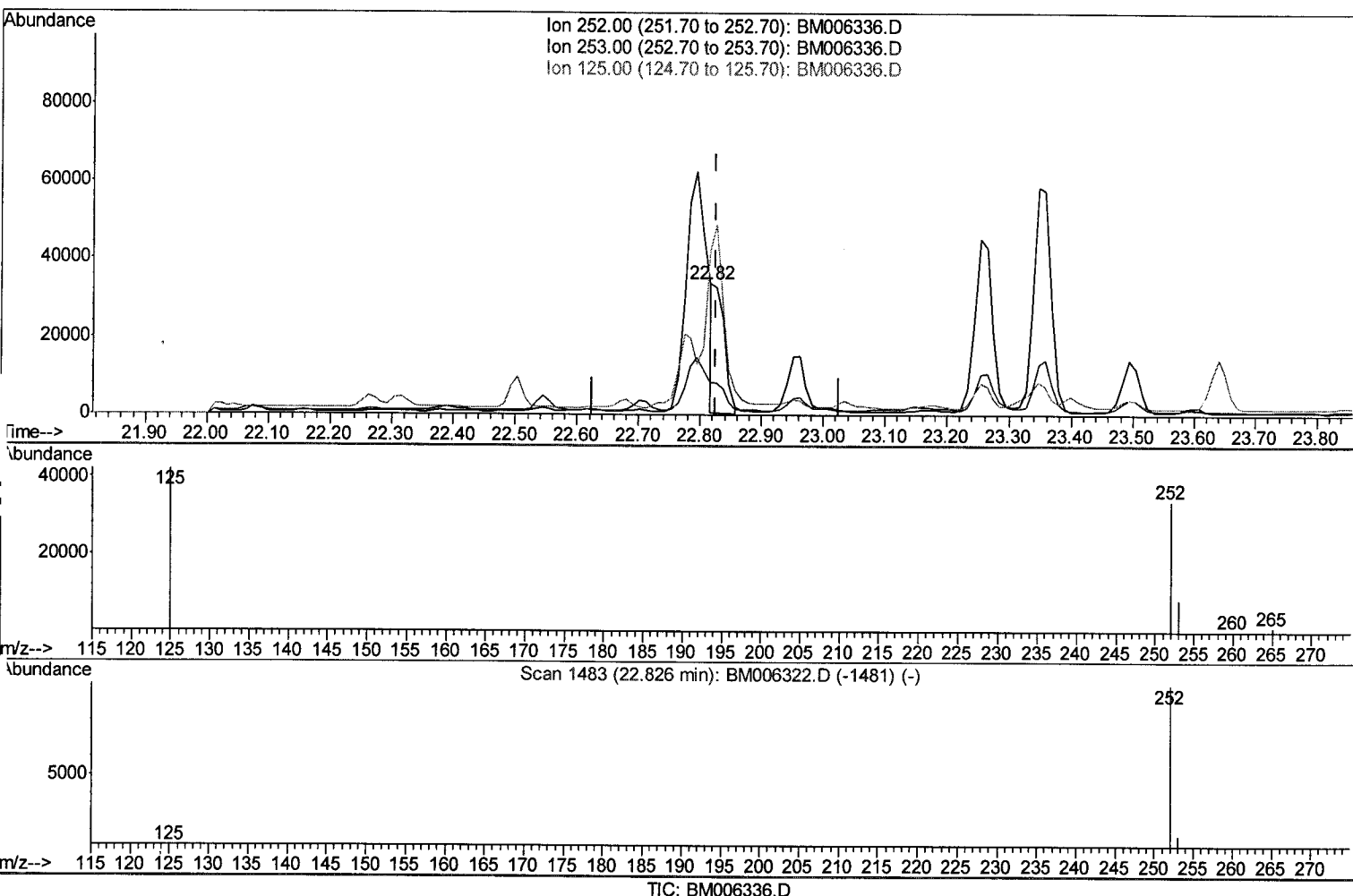
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW4

Manual Integration

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(24) Benzo(k)fluoranthene

22.815min (-0.011) 1.02ng/ul m

response 40953

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	25.45
125.00	13.00	123.65#
0.00	0.00	0.00

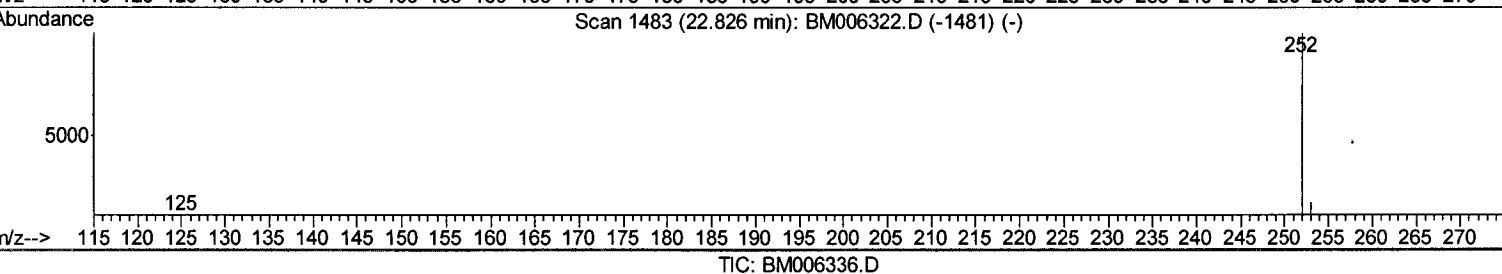
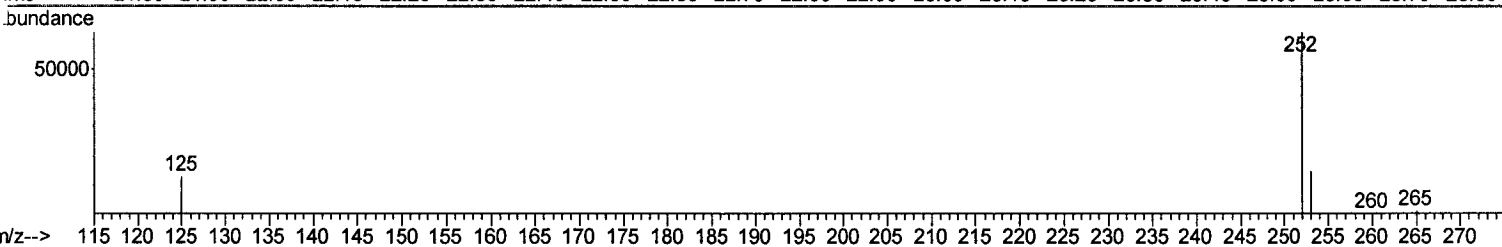
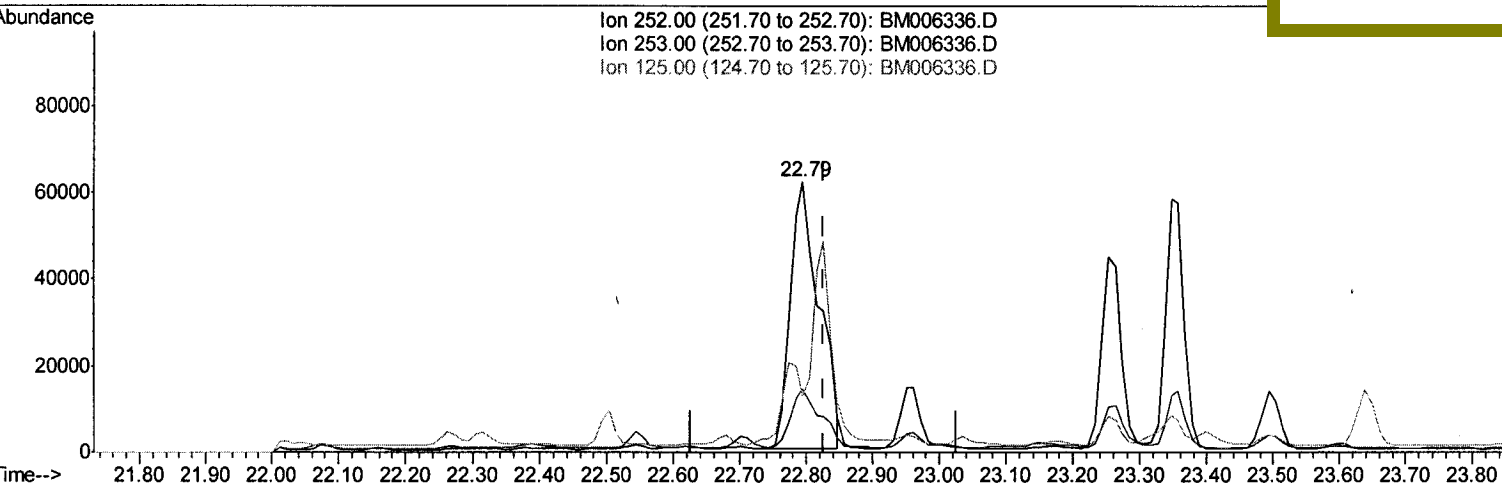
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Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006336.D
Acq On : 08 Jul 2016 01:19
Operator : UM/SJ
Sample : H3811-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW4

Manual Integration

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(24) Benzo(k)fluoranthene

22.795min (-0.031) 4.61ng/ul

response 185312

Ion	Exp%	Act%
252.00	100	100
253.00	24.80	23.78
125.00	13.00	21.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

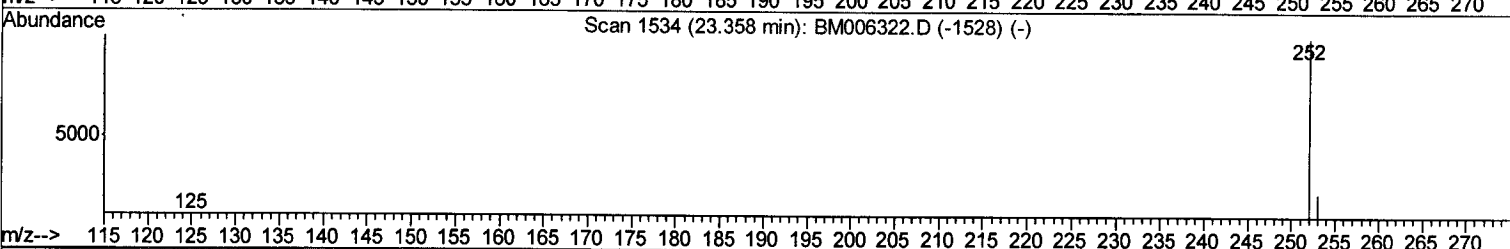
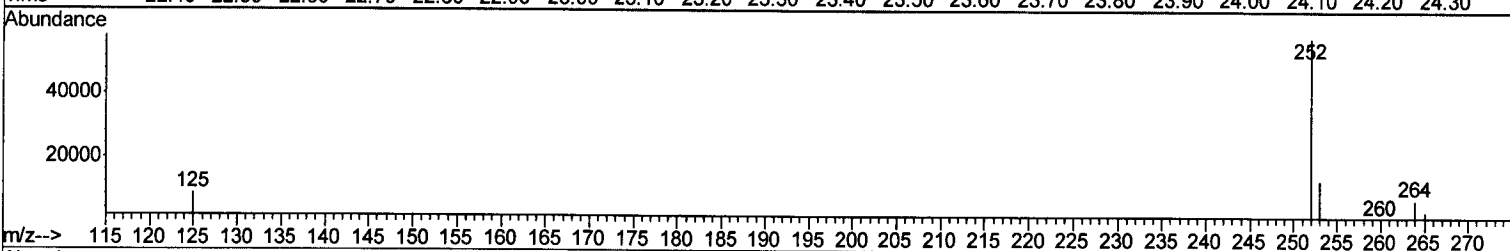
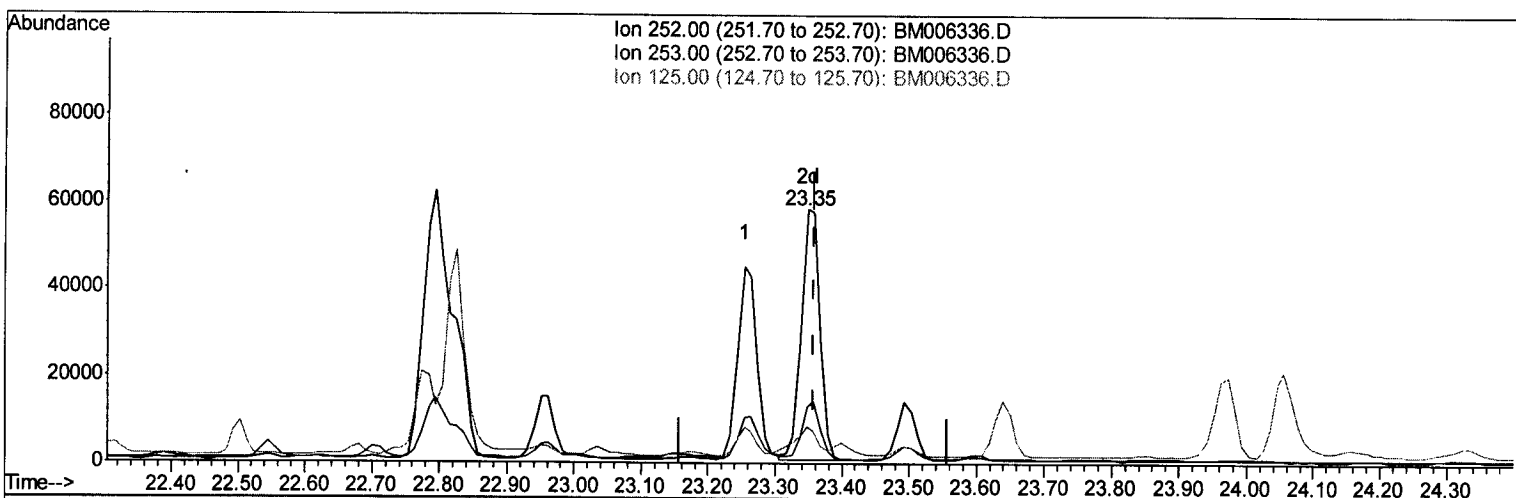
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integration

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TIC: BM006336.D

(25) Benzo(a)pyrene (C)

23.347min (-0.011) 2.79ng/ul m

response 112401

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	22.54
125.00	15.90	14.50
0.00	0.00	0.00

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Quantitation Report (Qedit)

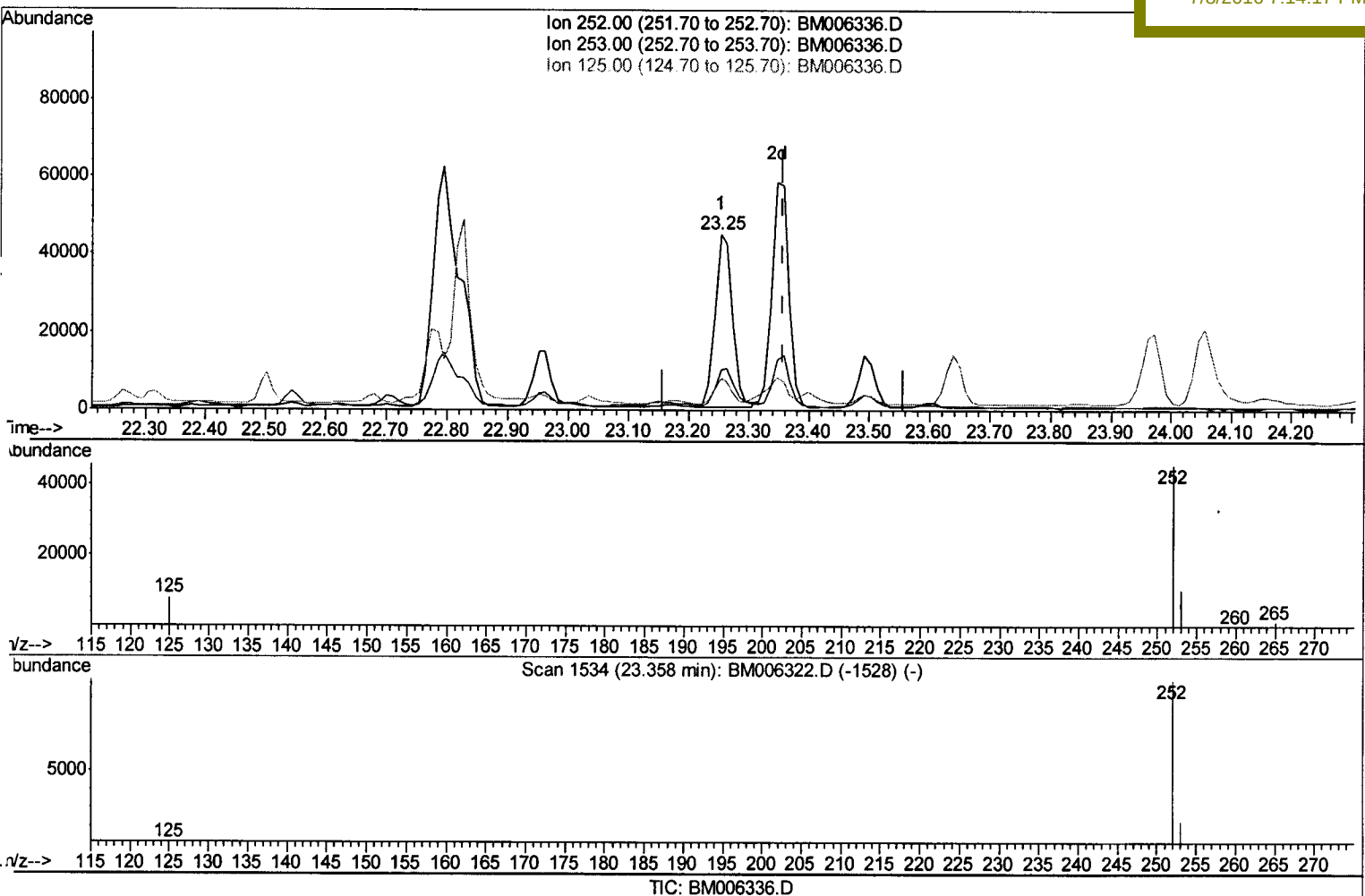
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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Manual Integration

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(25) Benzo(a)pyrene (C)

23.253min (-0.104) 2.23ng/ul

response 89774

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.16
125.00	15.90	18.03
0.00	0.00	0.00

Quantitation Report (Qedit)

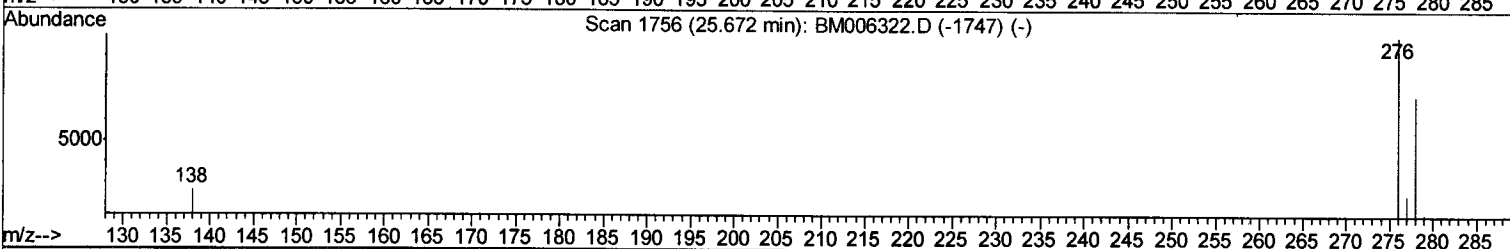
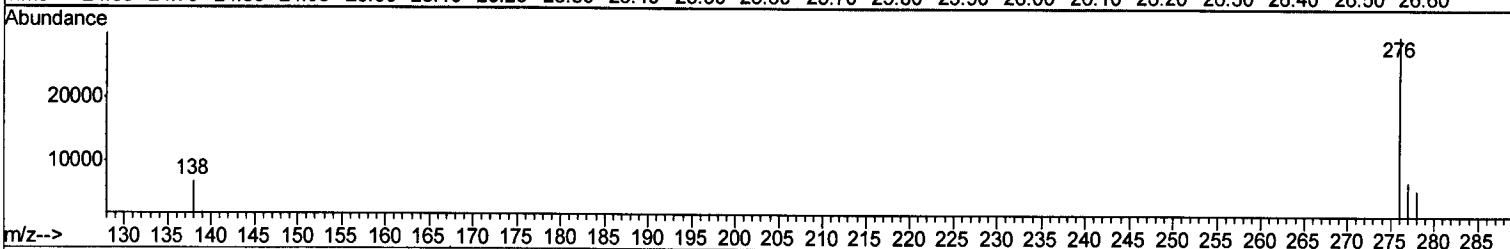
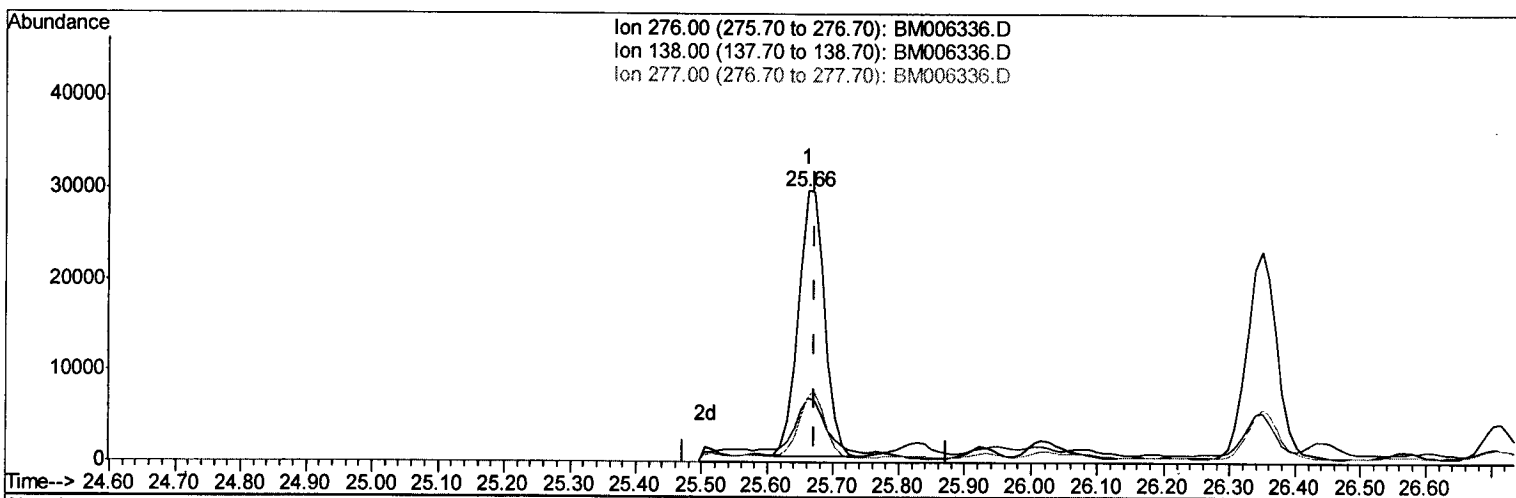
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 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integration

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TIC: BM006336.D

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

25.661min (-0.011) 1.83ng/ul m

response 81724

Ion Exp% Act%

276.00 100 100

138.00 20.40 17.29

277.00 24.80 19.66#

0.00 0.00 0.00

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Quantitation Report (Qedit)

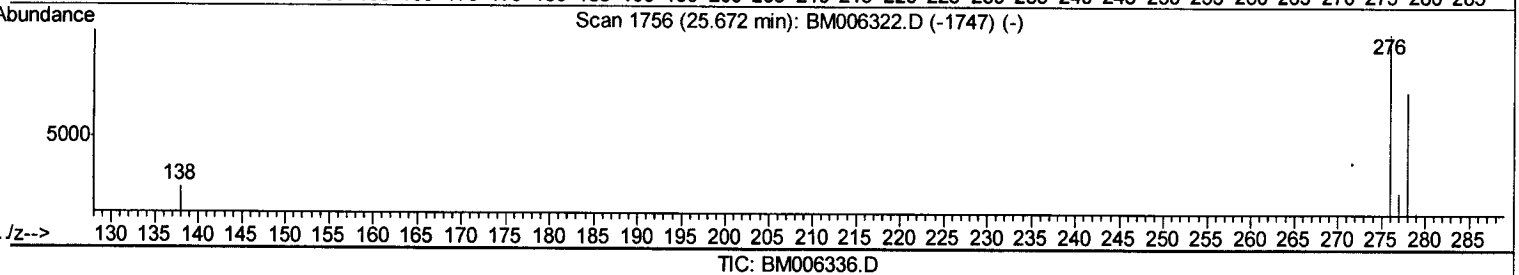
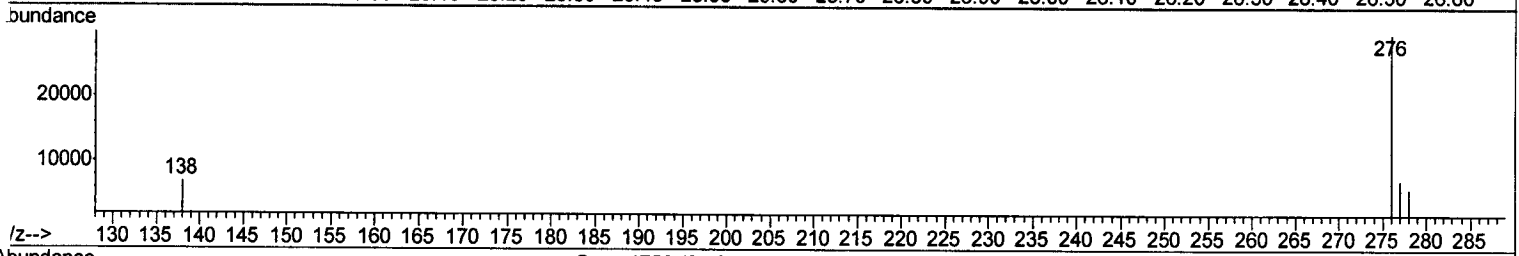
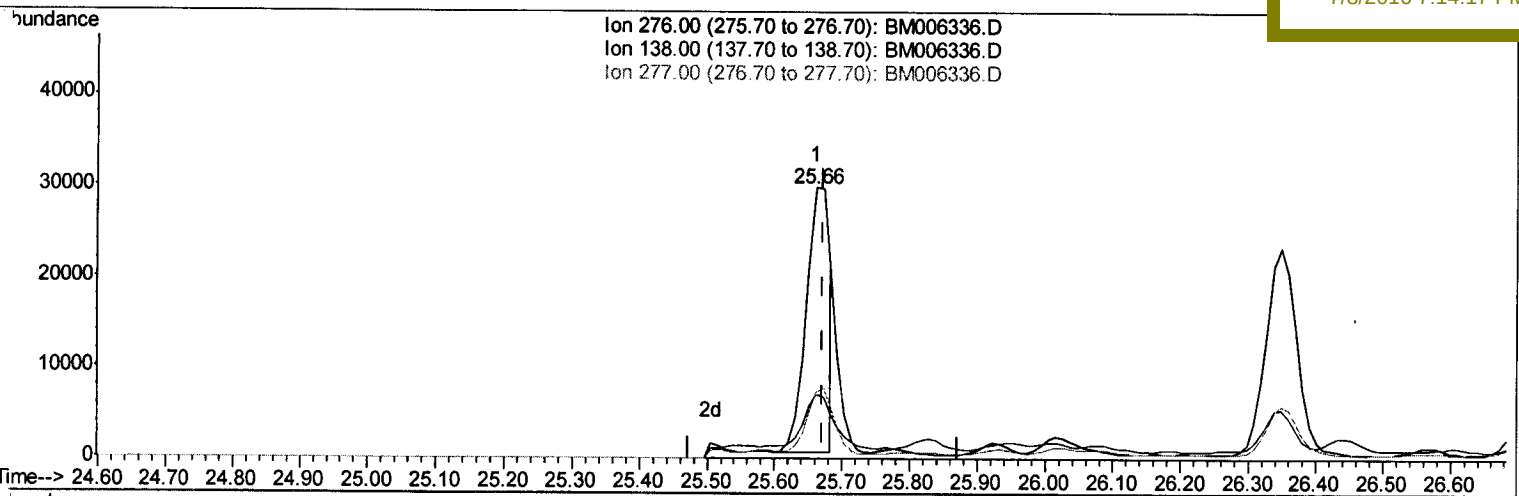
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(26) Indeno(1,2,3-cd)pyrene

25.661min (-0.011) 1.60ng/ul

response 71350

Ion	Exp%	Act%
276.00	100	100
138.00	20.40	19.81
277.00	24.80	22.52
0.00	0.00	0.00

Quantitation Report (Qedit)

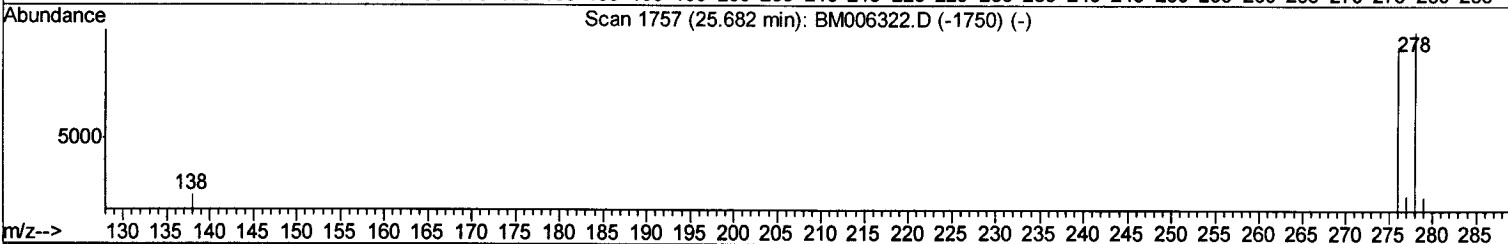
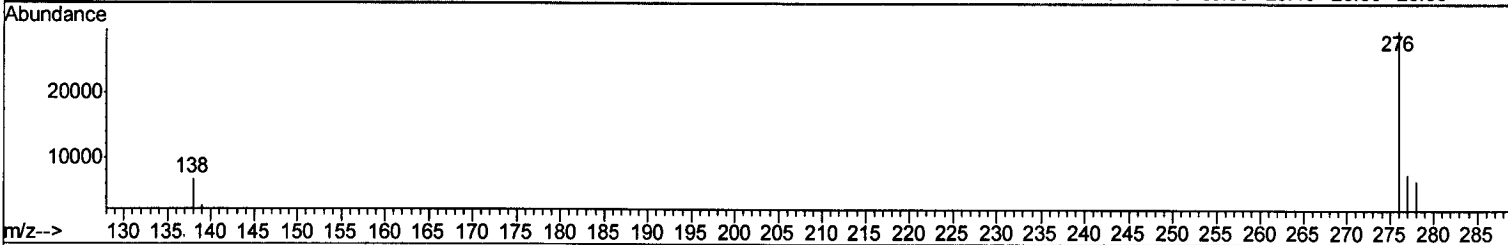
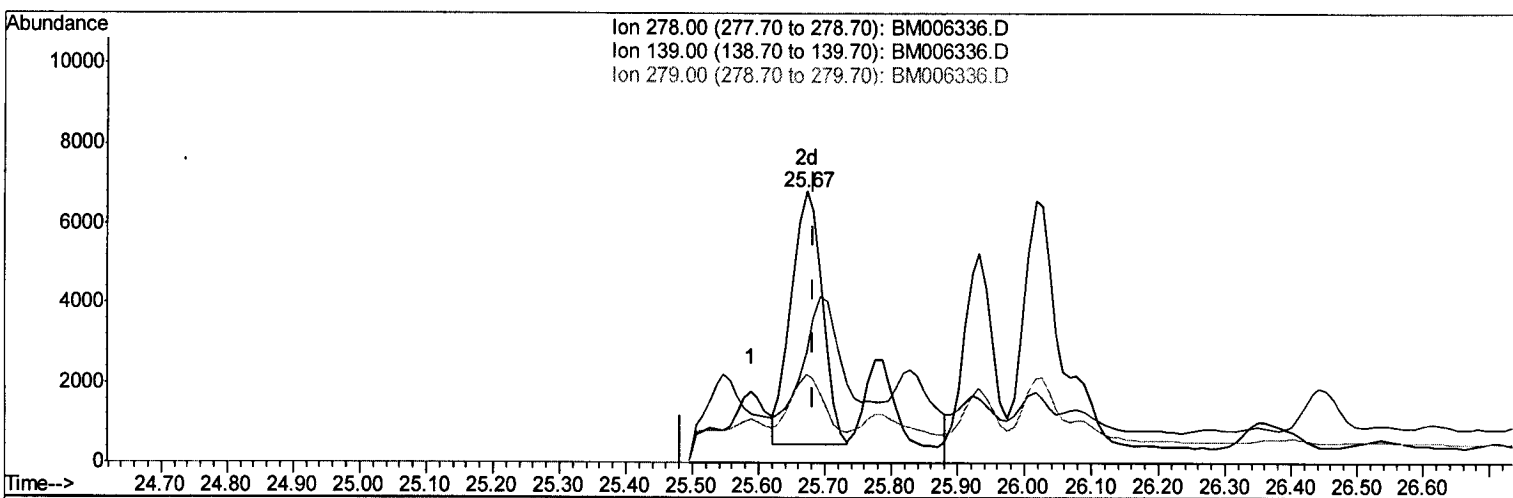
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TIC: BM006336.D

(27) Dibenzo(a,h)anthracene

25.672min (-0.011) 0.60ng/ul m

response 20729

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	40.47#
279.00	25.20	32.24#
0.00	0.00	0.00

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 07/12/16

Quantitation Report (Qedit)

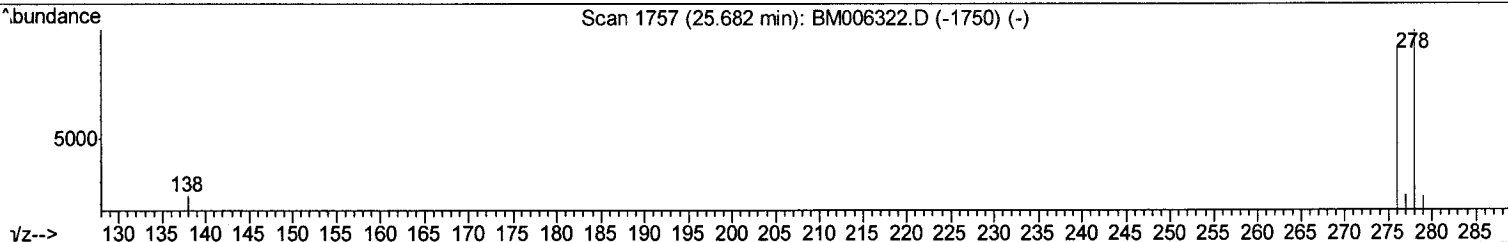
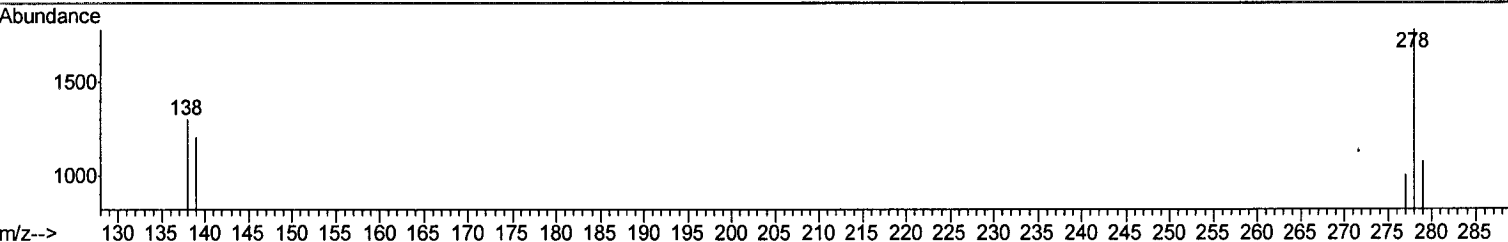
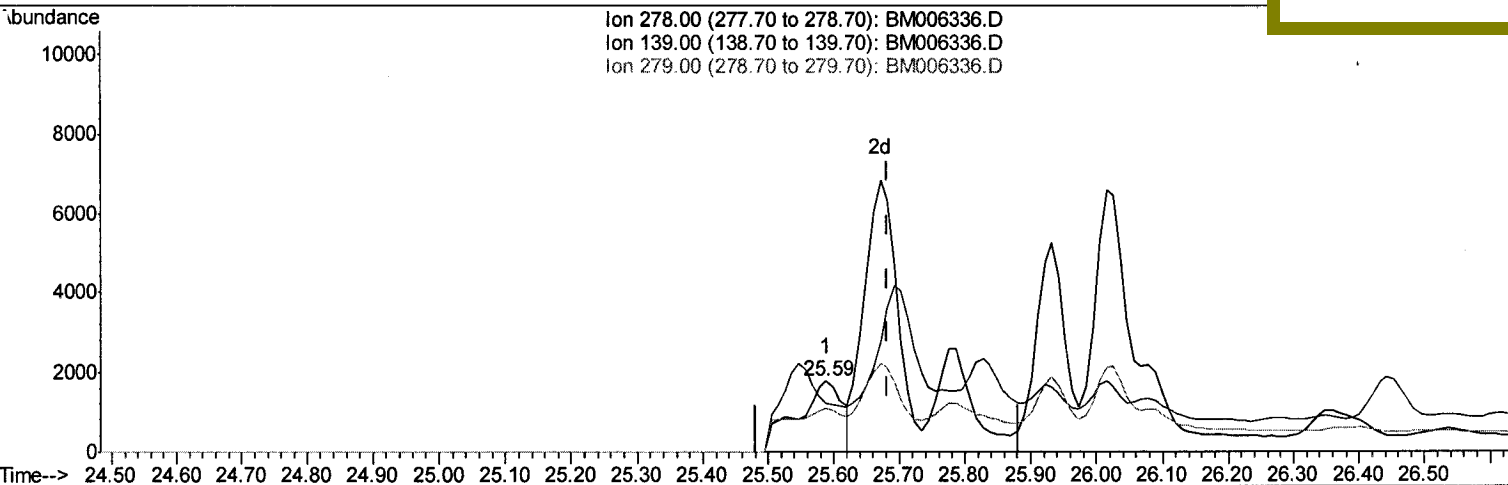
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TIC: BM006336.D

(27) Dibenzo(a,h)anthracene

25.588min (-0.094) 0.24ng/ul

response 8493

Ion	Exp%	Act%
278.00	100	100
139.00	20.50	67.47#
279.00	25.20	60.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

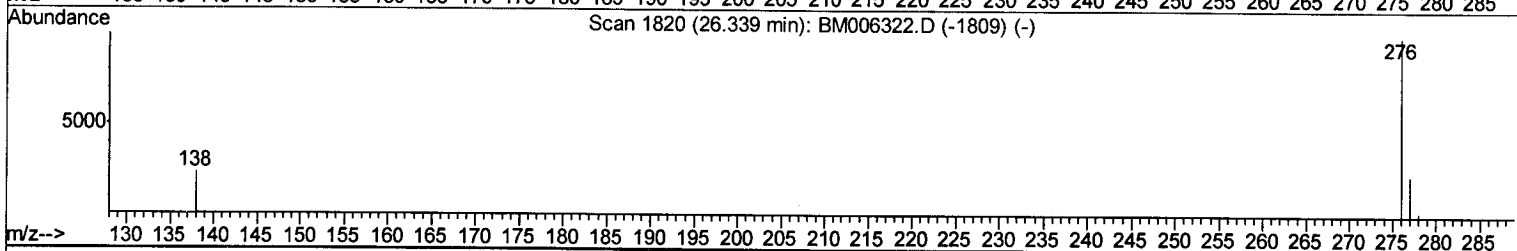
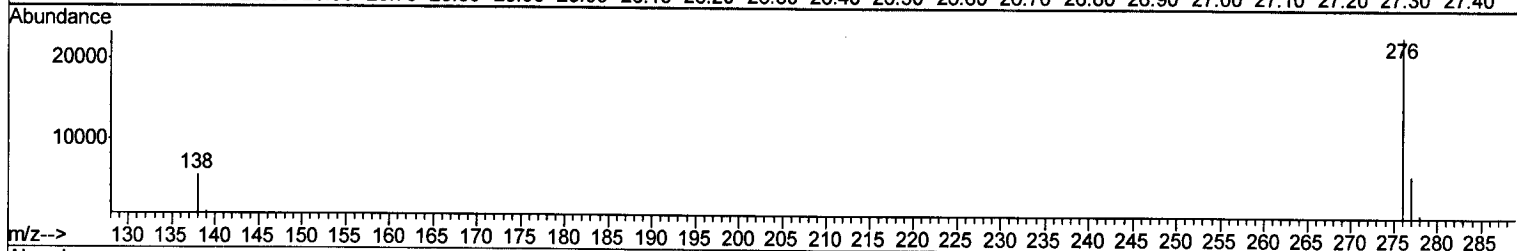
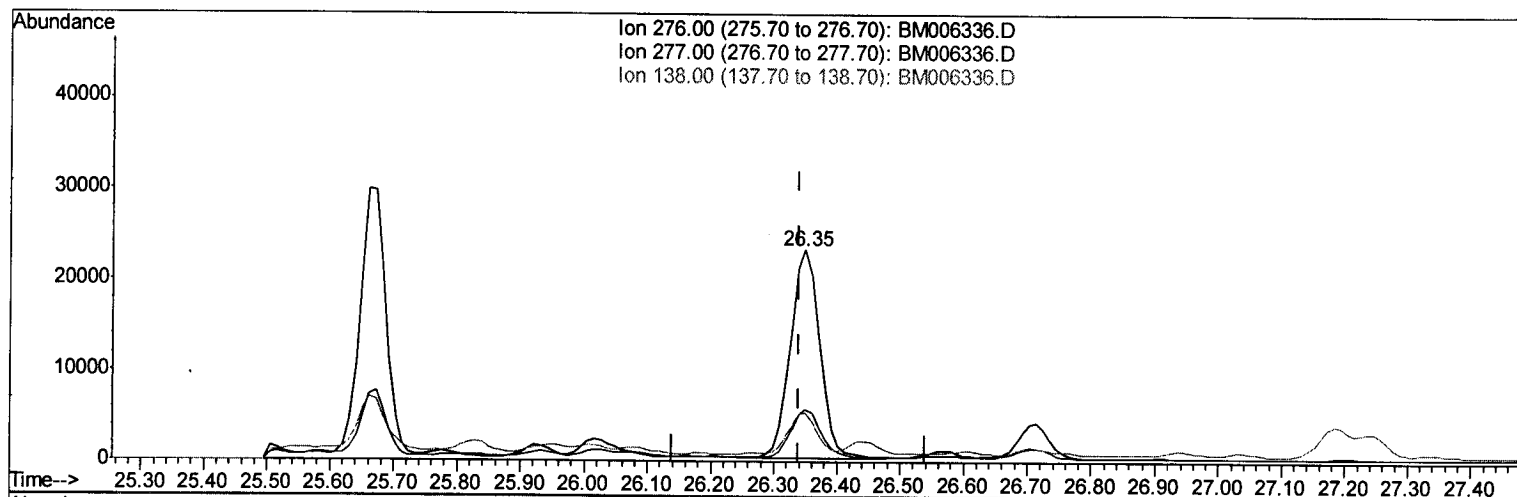
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW4

Manual Integration

Quant Time: Jul 08 07:54:52 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

APPROVED
 umangi
 7/8/2016 7:14:17 PM



TIC: BM006336.D

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

26.349min (+0.010) 1.97ng/ul m

response 74400

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	24.90
138.00	28.10	23.24
0.00	0.00	0.00

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 07/12/16

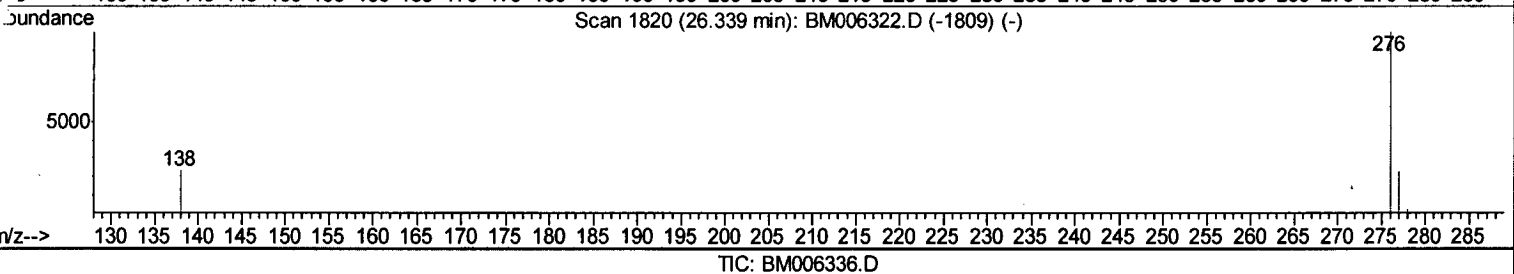
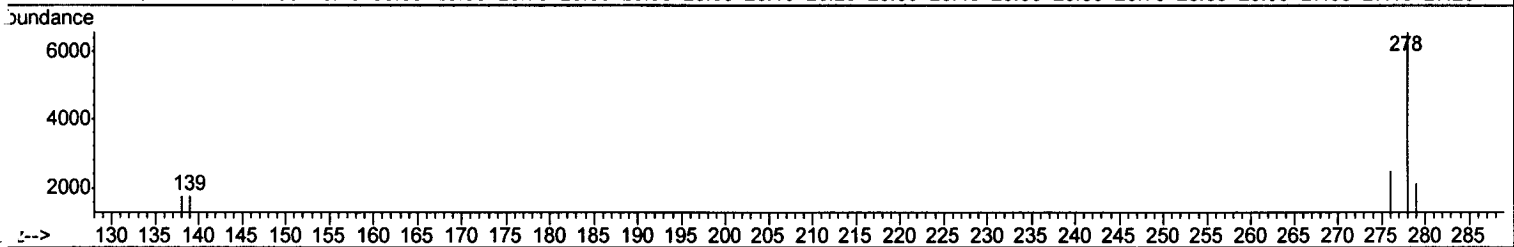
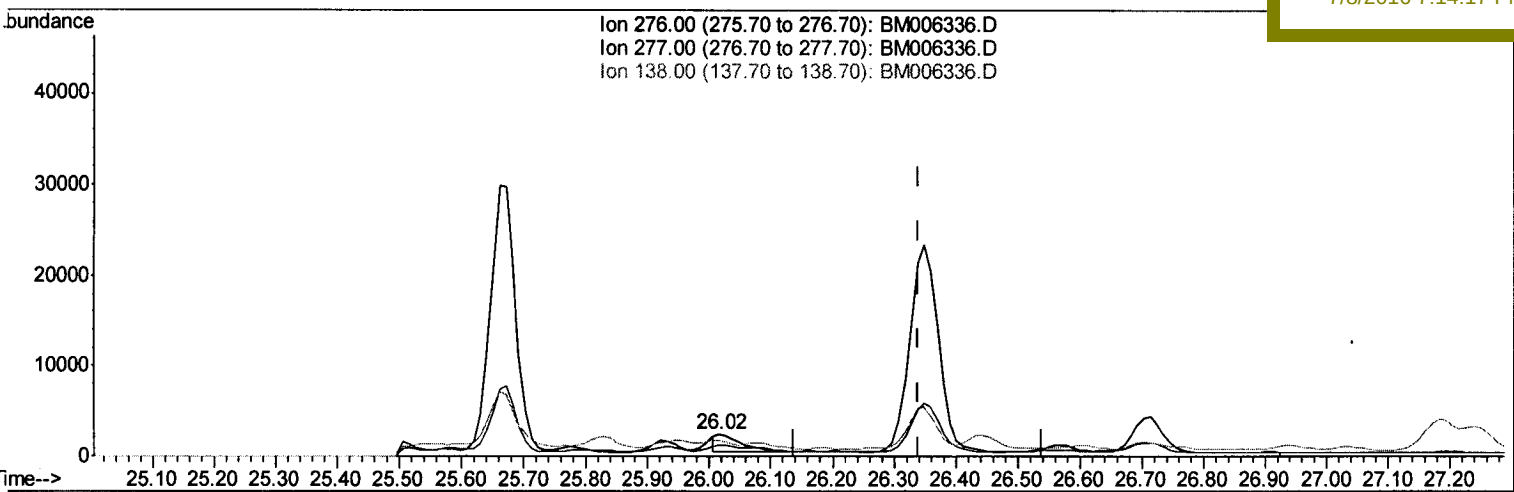
Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
Data File : BM006336.D
Acq On : 08 Jul 2016 01:19
Operator : UM/SJ
Sample : H3811-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4TW4

Manual Integration

APPROVED
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7/8/2016 7:14:17 PM

Quant Time: Jul 08 07:54:52 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 03:28:13 2016
Response via : Initial Calibration



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

26.016min (-0.323) 0.14ng/ul

response 5408

Ion	Exp%	Act%
276.00	100	100
277.00	23.60	52.31#
138.00	28.10	71.20#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM070816\
 Data File : BM006336.D
 Acq On : 08 Jul 2016 01:19
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4TW4

Quant Time: Jul 08 07:57:51 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM070716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 03:28:13 2016
 Response via : Initial Calibration

Manual Integration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5206	0.40	ng/ul	0.00
4) Naphthalene-d8	10.43	136	20299	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.28	164	11281	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.04	188	23299	0.40	ng/ul	0.00
18) Chrysene-d12	21.24	240	14940	0.40	ng/ul	0.00
22) Perylene-d12	23.45	264	12075m	0.40	ng/ul	0.00

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System Monitoring Compounds

2) 1,4-Dioxane-d8	3.17	96	3705	1.68	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.02	152	3864	0.16	ng/ul	0.00
16) Fluoranthene-d10	19.07	212	13545	0.28	ng/ul	-0.01

Target Compounds

						Ovalue
5) Naphthalene	10.46	128	3950	0.08	ng/ul#	91
7) 2-Methylnaphthalene	12.09	142	1976	0.06	ng/ul	97
9) Acenaphthylene	14.01	152	30261	0.80	ng/ul	92
10) Acenaphthene	14.35	153	3100	0.08	ng/ul#	87
11) Fluorene	15.34	166	6640	0.16	ng/ul	84
13) Pentachlorophenol	16.70	266	131	0.04	ng/ul	96
14) Phenanthrene	17.07	178	121096	1.88	ng/ul#	93
15) Anthracene	17.16	178	25967m	0.43	ng/ul	92
17) Fluoranthene	19.11	202	290677	4.09	ng/ul	96
19) Pyrene	19.47	202	315048	5.04	ng/ul	96
20) Benzo(a)anthracene	21.22	228	124355	2.57	ng/ul#	91
21) Chrysene	21.27	228	148026	3.12	ng/ul	96
23) Benzo(b)fluoranthene	22.79	252	147152m	3.40	ng/ul	
24) Benzo(k)fluoranthene	22.82	252	40953m	1.02	ng/ul	
25) Benzo(a)pyrene	23.35	252	112401m	2.79	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.66	276	81724m	1.83	ng/ul	
27) Dibenzo(a,h)anthracene	25.67	278	20729m	0.60	ng/ul	
28) Benzo(a,h,i)perylene	26.35	276	74400m	1.97	ng/ul	

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