

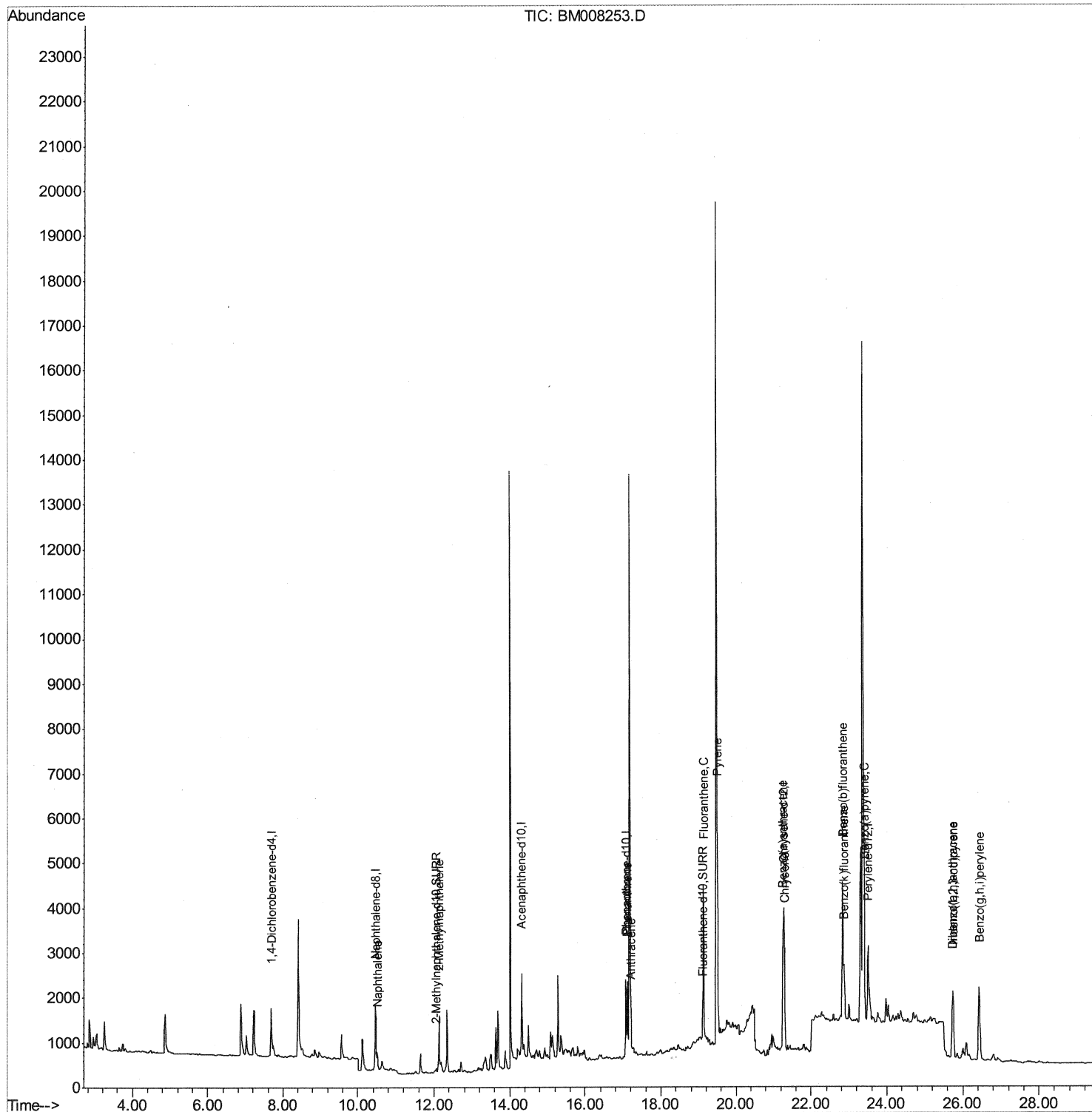
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008253.D
Acq On : 11 Dec 2016 03:40
Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z7DL

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:42 PM

Quant Time: Dec 12 06:56:34 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration



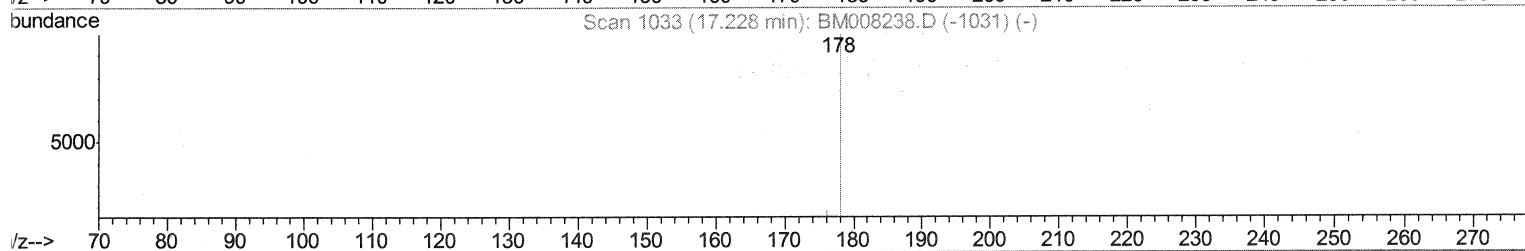
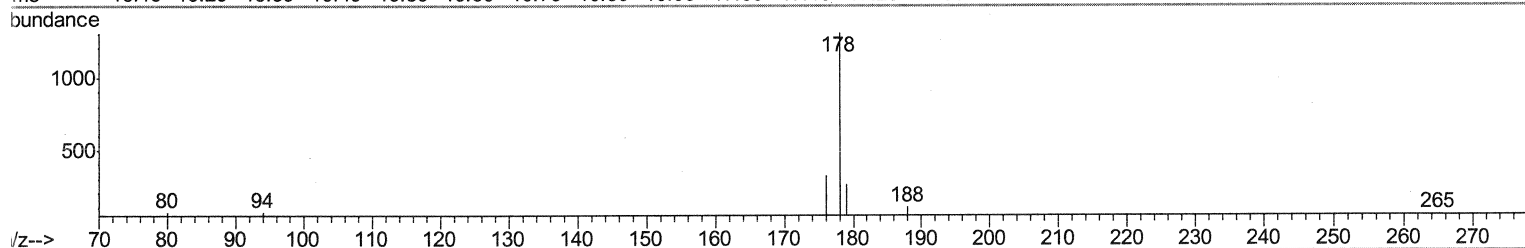
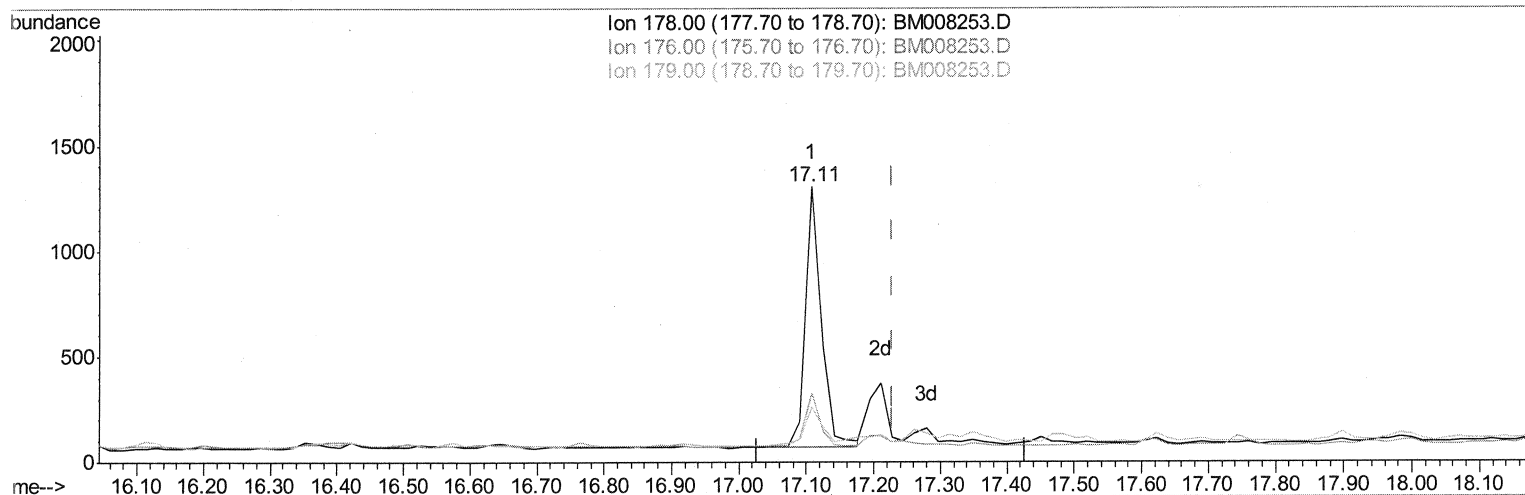
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TIC: BM008253.D

(13) Anthracene

17.108min (-0.120) 0.31ng/ul

response 2001

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	25.02
179.00	18.40	19.89
0.00	0.00	0.00

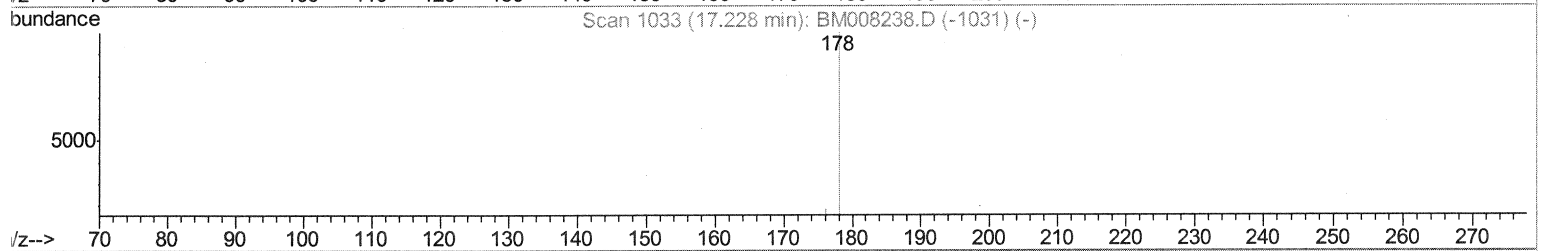
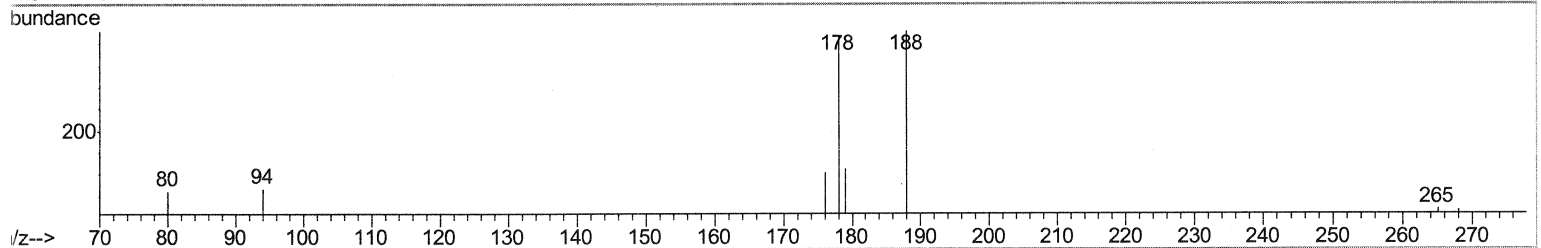
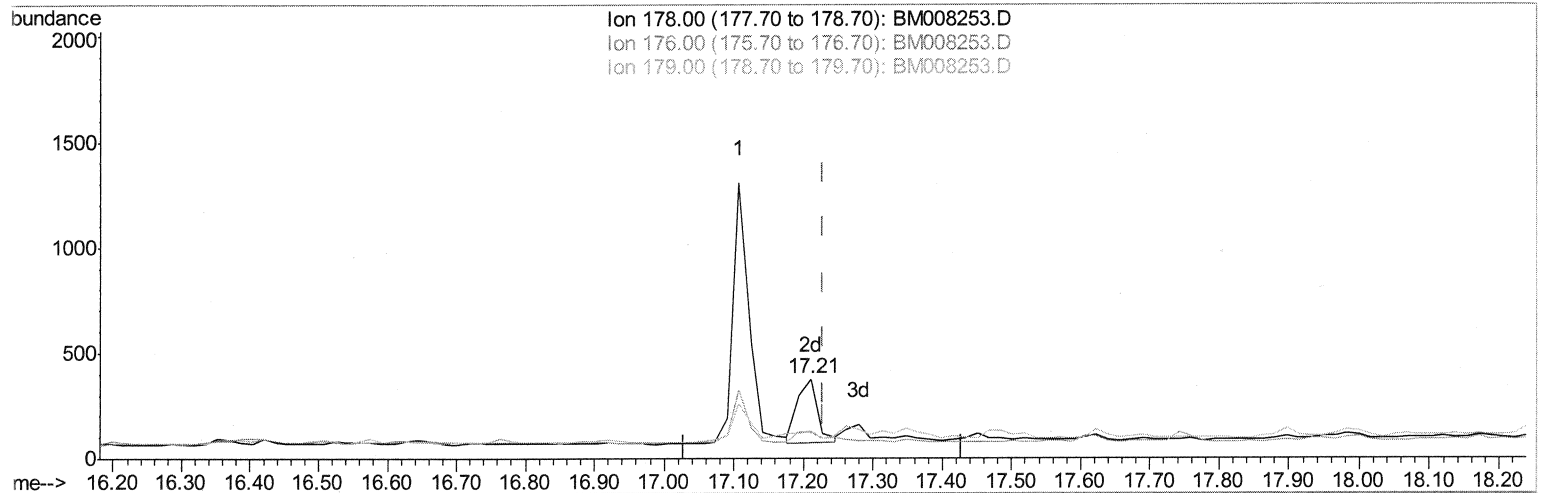
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TIC: BM008253.D

(13) Anthracene

17.210min (-0.017) 0.09ng/ul m

52 12/12/16

response 613

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	32.80#
179.00	18.40	34.67#
0.00	0.00	0.00

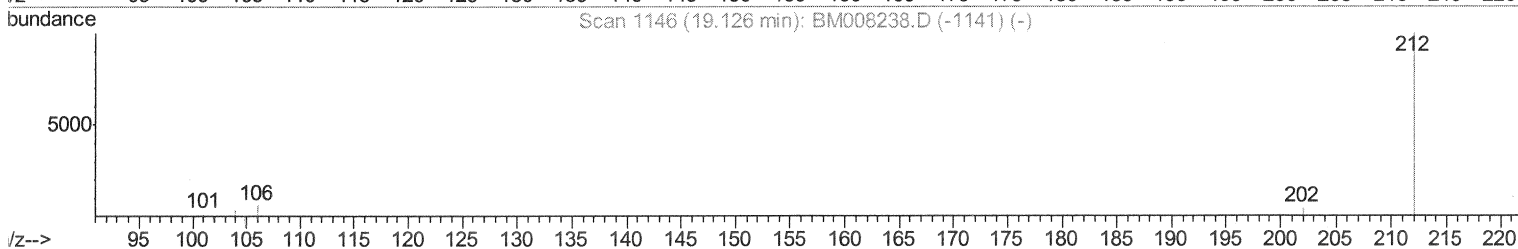
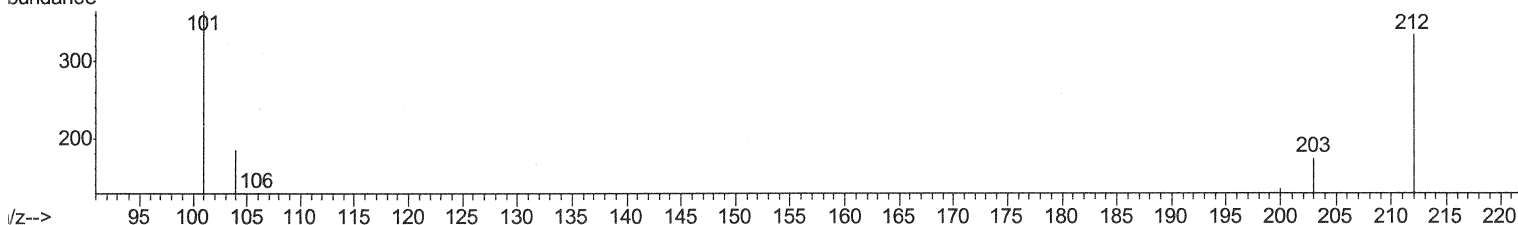
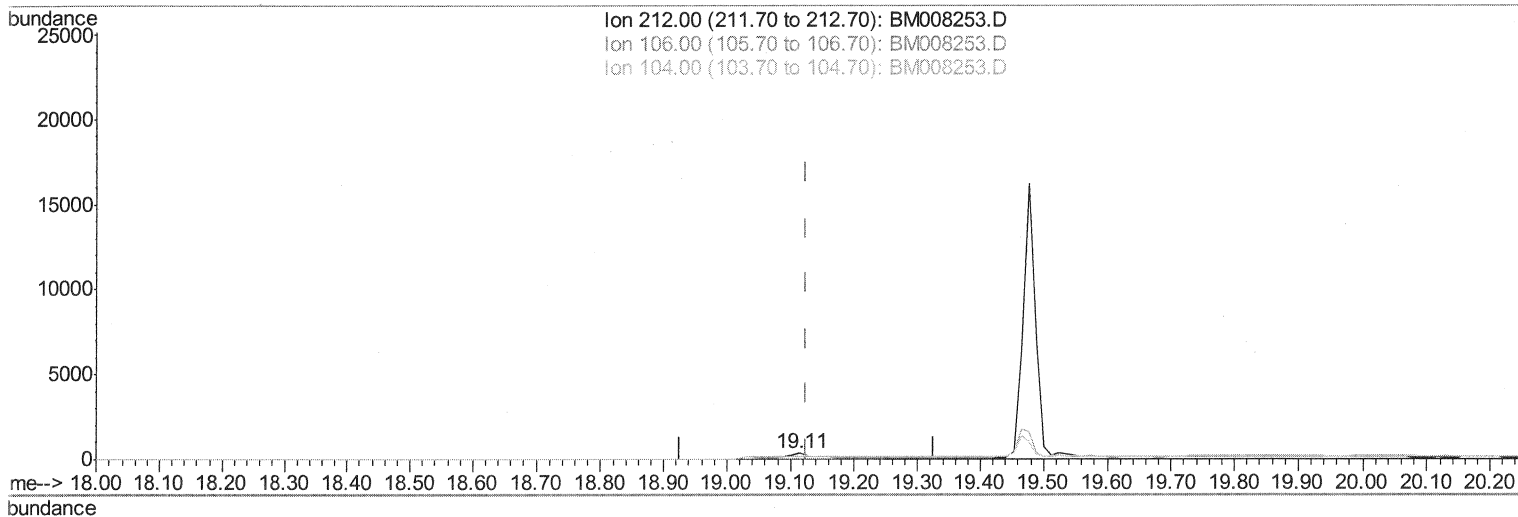
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Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: BM008253.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.34ng/ul

response 2168

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	113.15#
0.00	0.00	0.00

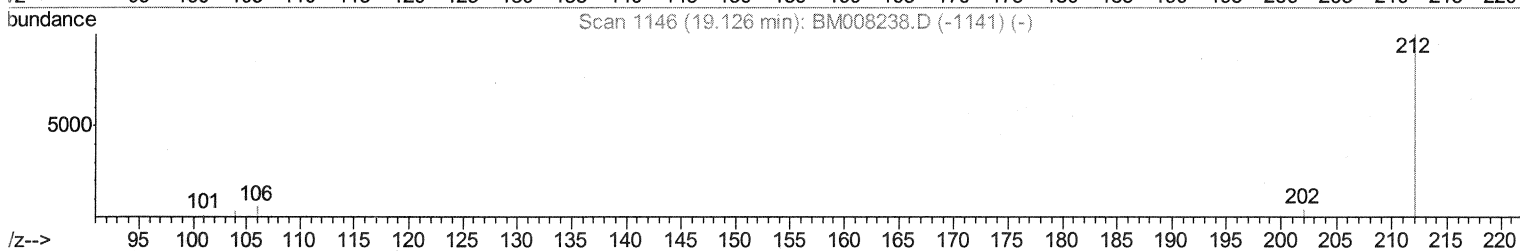
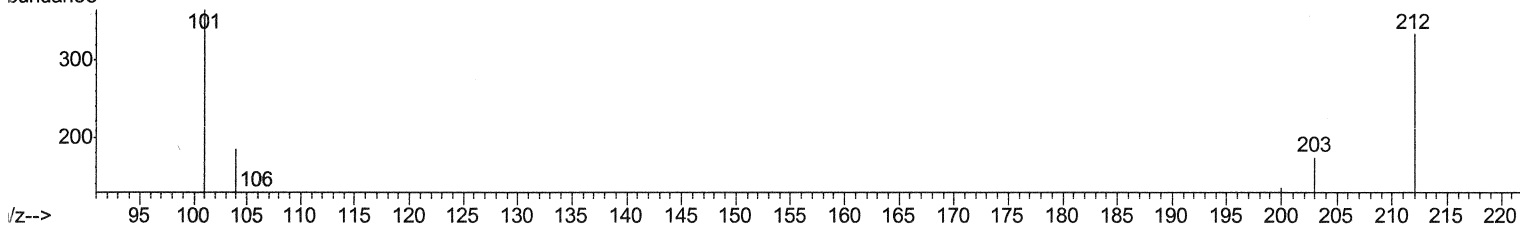
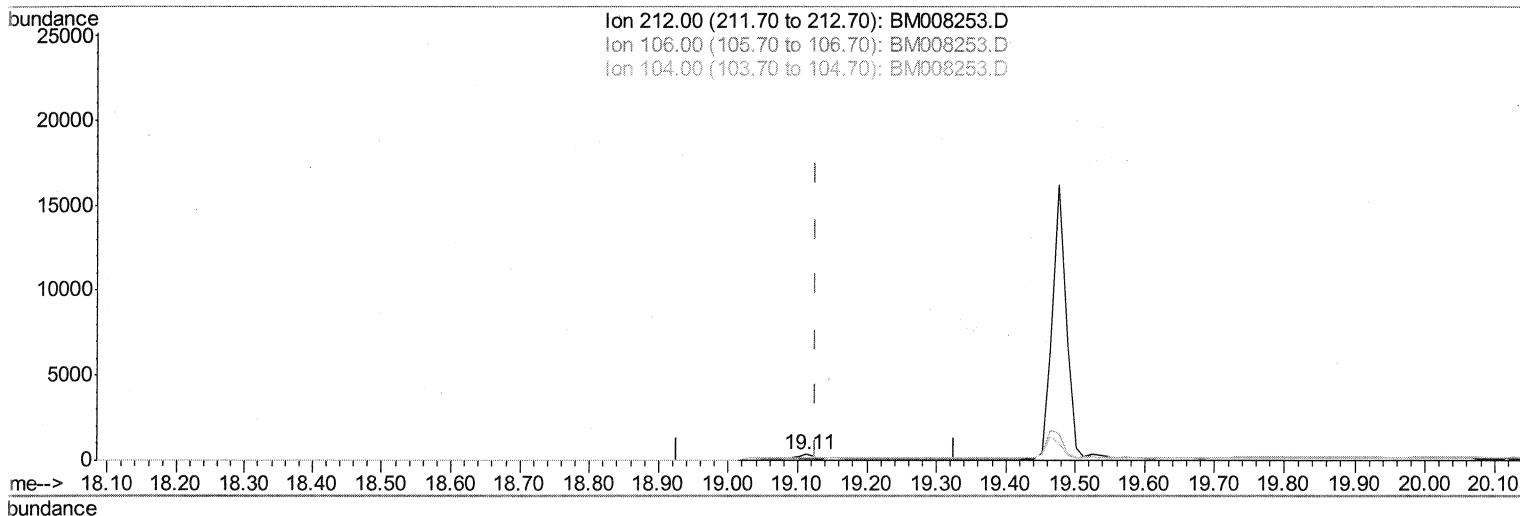
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008253.D
Acq On : 11 Dec 2016 03:40
Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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TIC: BM008253.D

(14) Fluoranthene-d10 (SURR)

19.113min (-0.012) 0.05ng/ul m

SJ 12/12/16

response 333

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	736.64#
0.00	0.00	0.00

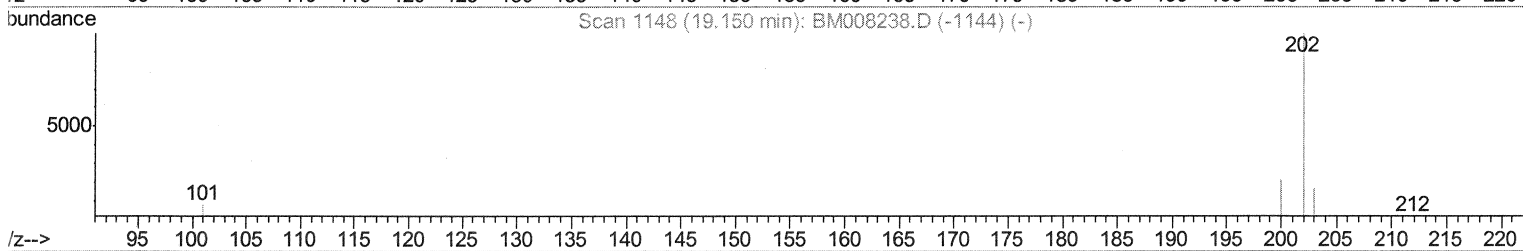
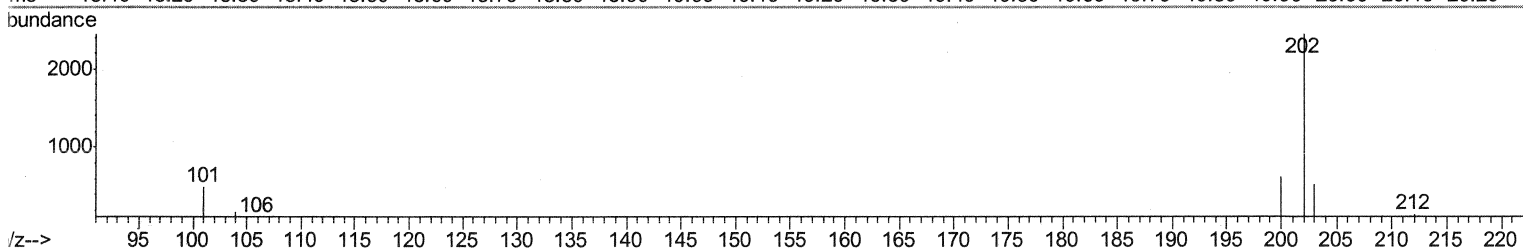
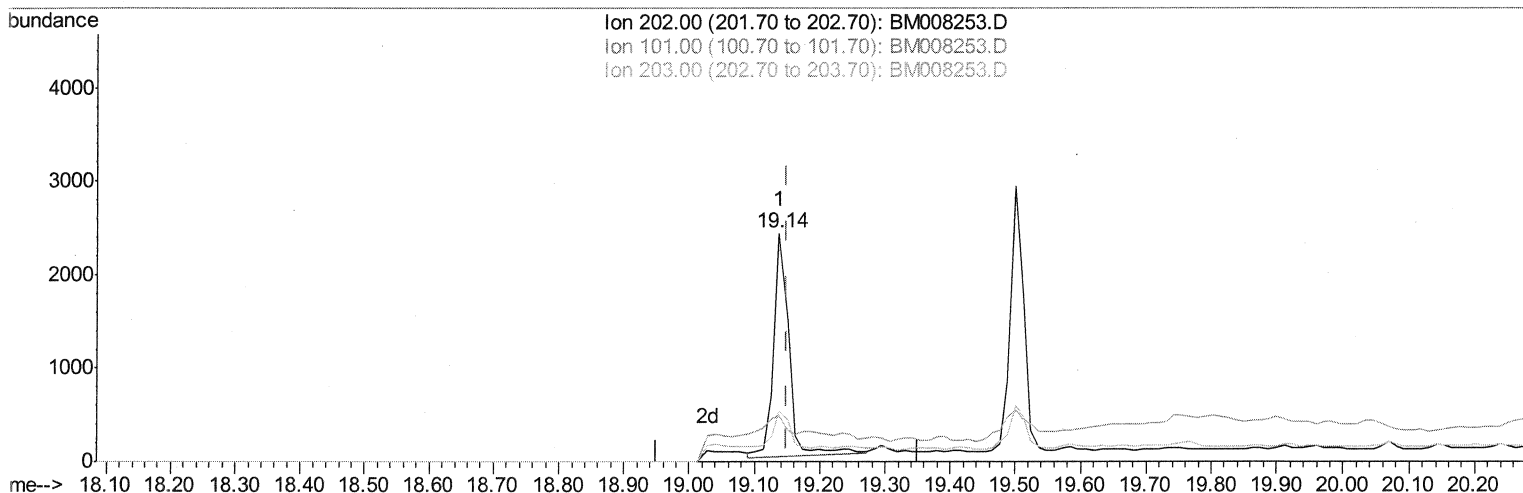
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Data File : BM008253.D
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Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z7DL

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:42 PM

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TIC: BM008253.D

(15) Fluoranthene (C)

19.138min (-0.012) 0.43ng/ul

response 3846

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	20.11
203.00	19.50	21.95
0.00	0.00	0.00

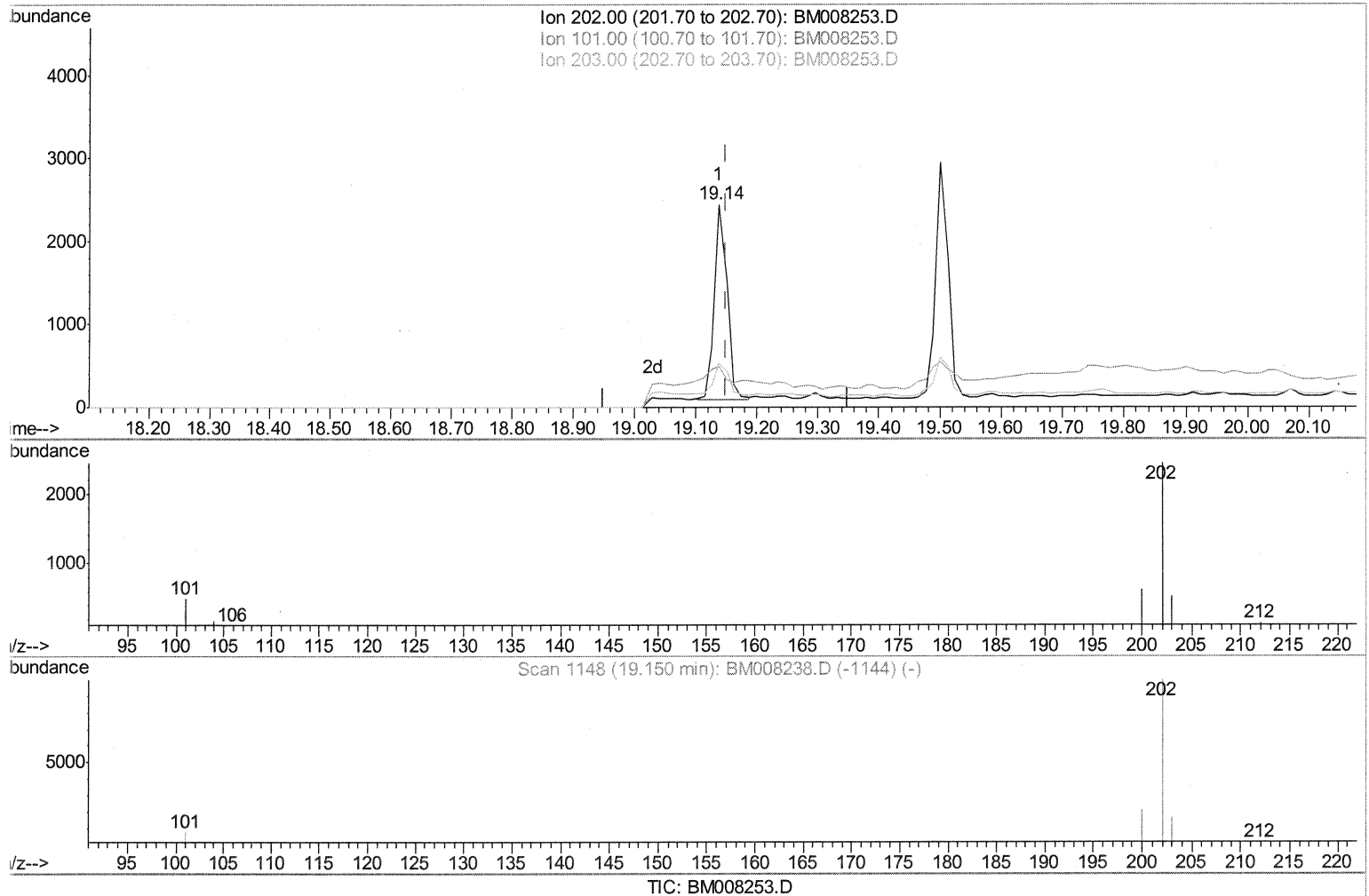
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Acq On : 11 Dec 2016 03:40
Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z7DL

Manual Integrations
APPROVED

UMANGI
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Quant Time: Dec 12 06:47:20 2016
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Response via : Initial Calibration



(15) Fluoranthene (C)

19.138min (-0.012) 0.38ng/ul m

SJ 12/12/16

response 3374

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	20.11
203.00	19.50	21.95
0.00	0.00	0.00

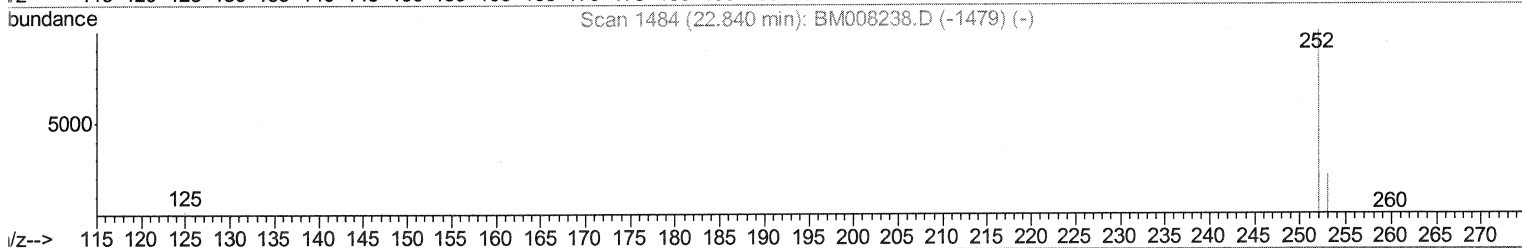
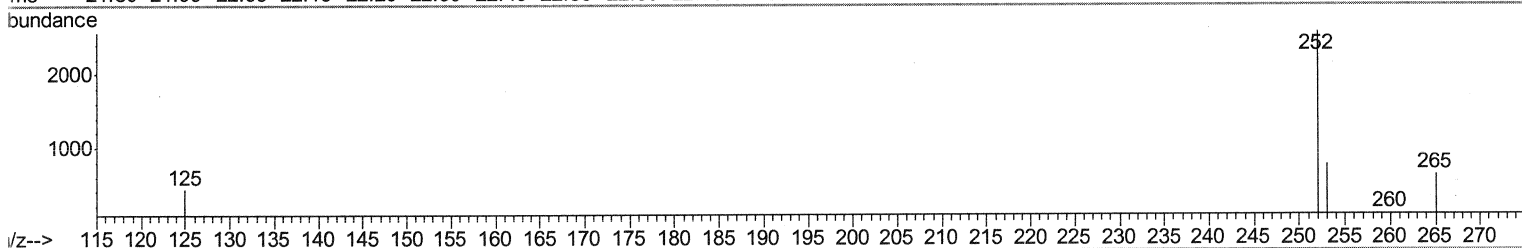
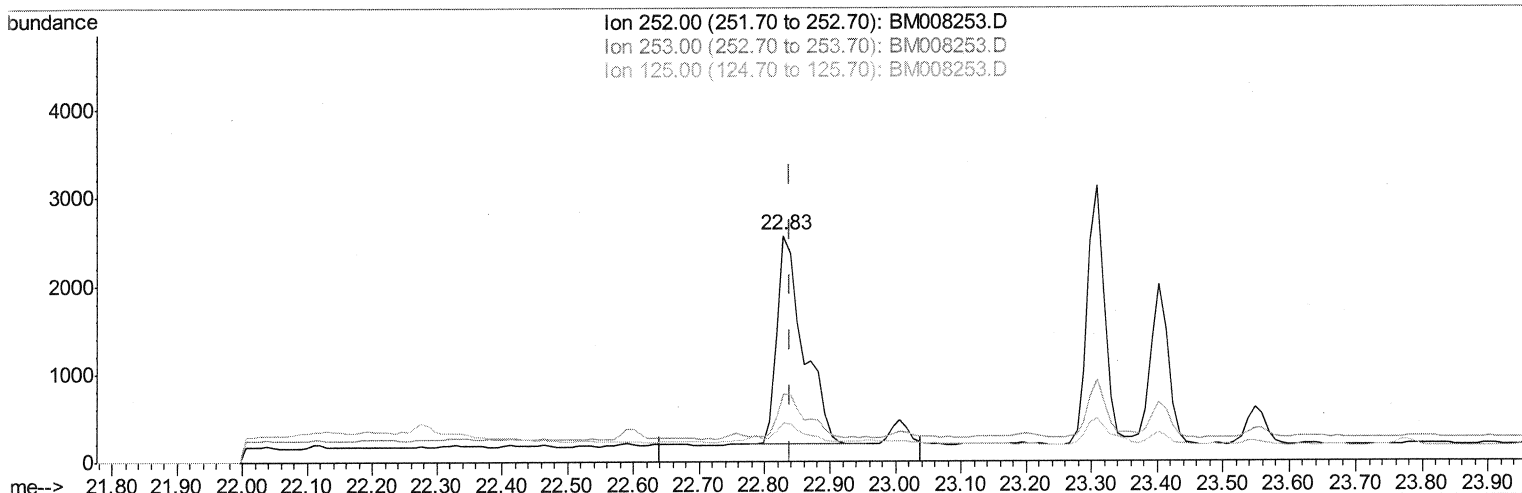
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Operator : UM/SJ
Sample : H5863-17DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Z7DL

Manual Integrations
APPROVED

UMANGI
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TIC: BM008253.D

(21) Benzo(b)fluoranthene

22.829min (-0.011) 0.79ng/ul

response 6647

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.86
125.00	17.50	17.00
0.00	0.00	0.00

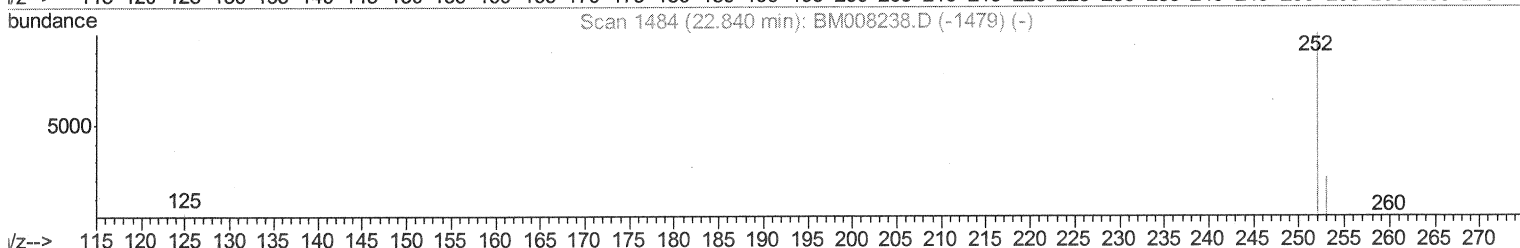
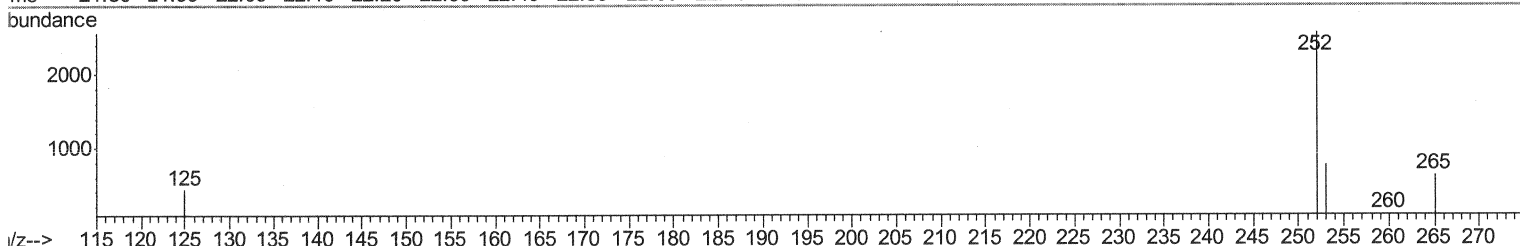
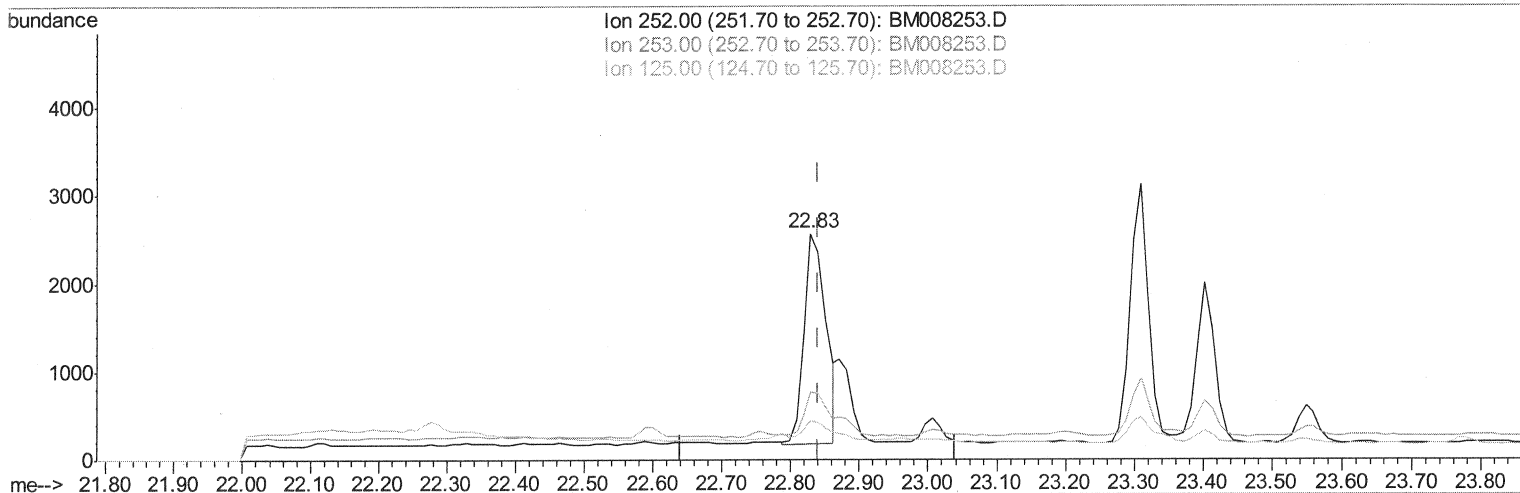
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
 Data File : BM008253.D
 Acq On : 11 Dec 2016 03:40
 Operator : UM/SJ
 Sample : H5863-17DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Z7DL

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:50:42 PM

Quant Time: Dec 12 06:47:20 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.829min (-0.011) 0.63ng/ul m

SJ 12/12/16

response 5288

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	29.86
125.00	17.50	17.00
0.00	0.00	0.00

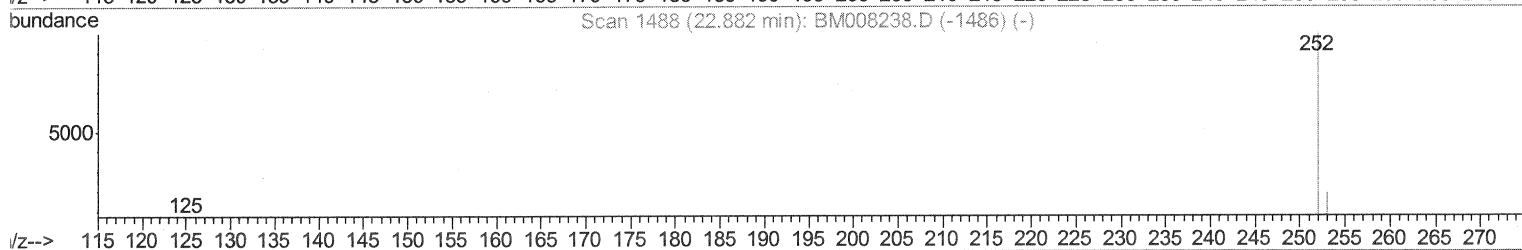
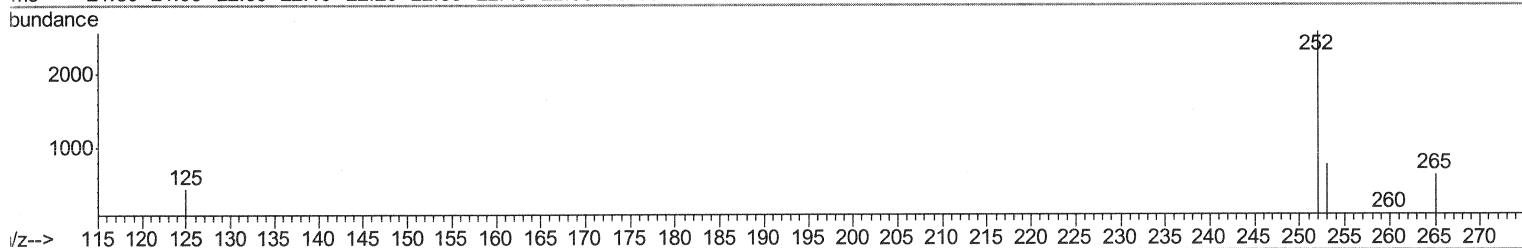
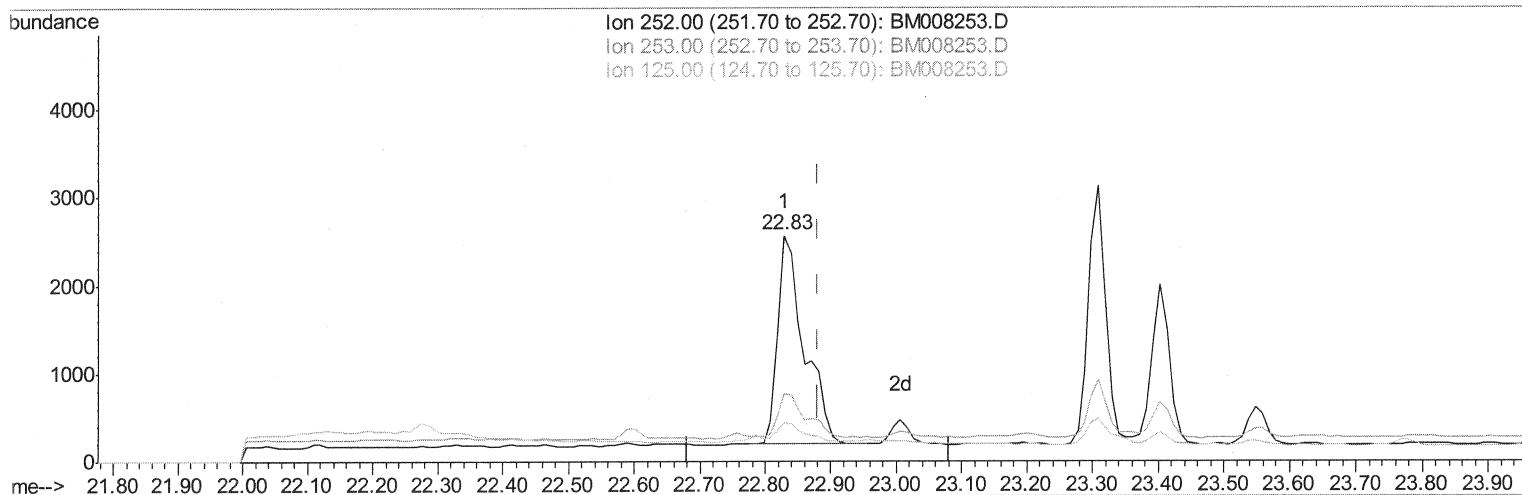
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM008253.D

(22) Benzo(k)fluoranthene

22.829min (-0.052) 0.76ng/ul

response 6647

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.86
125.00	17.10	17.00
0.00	0.00	0.00

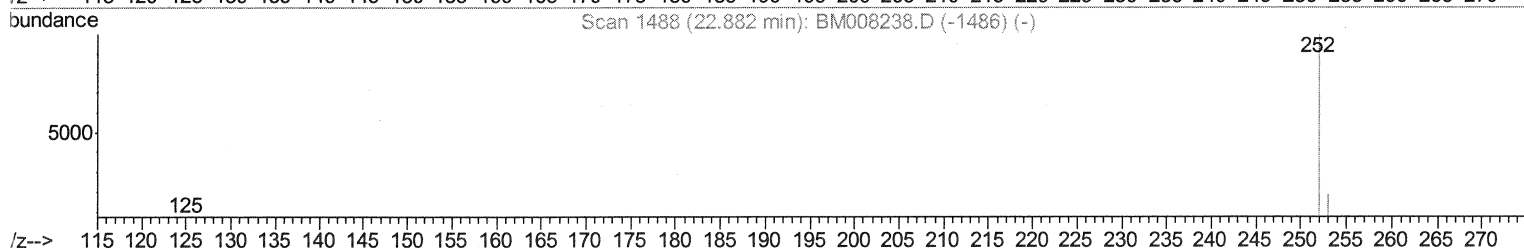
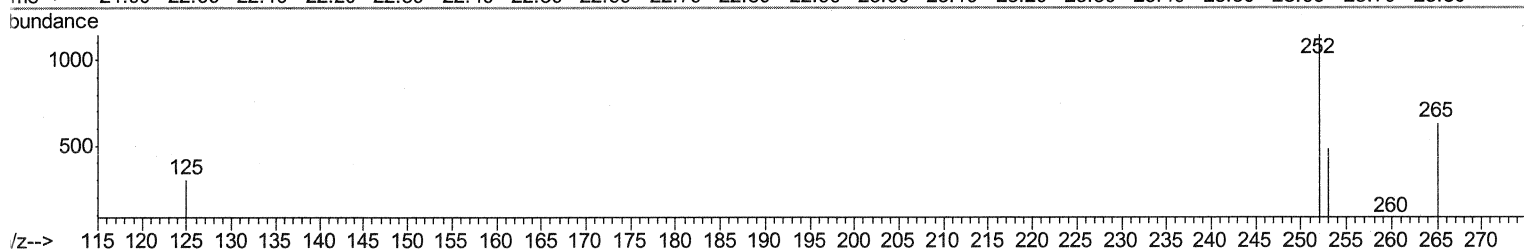
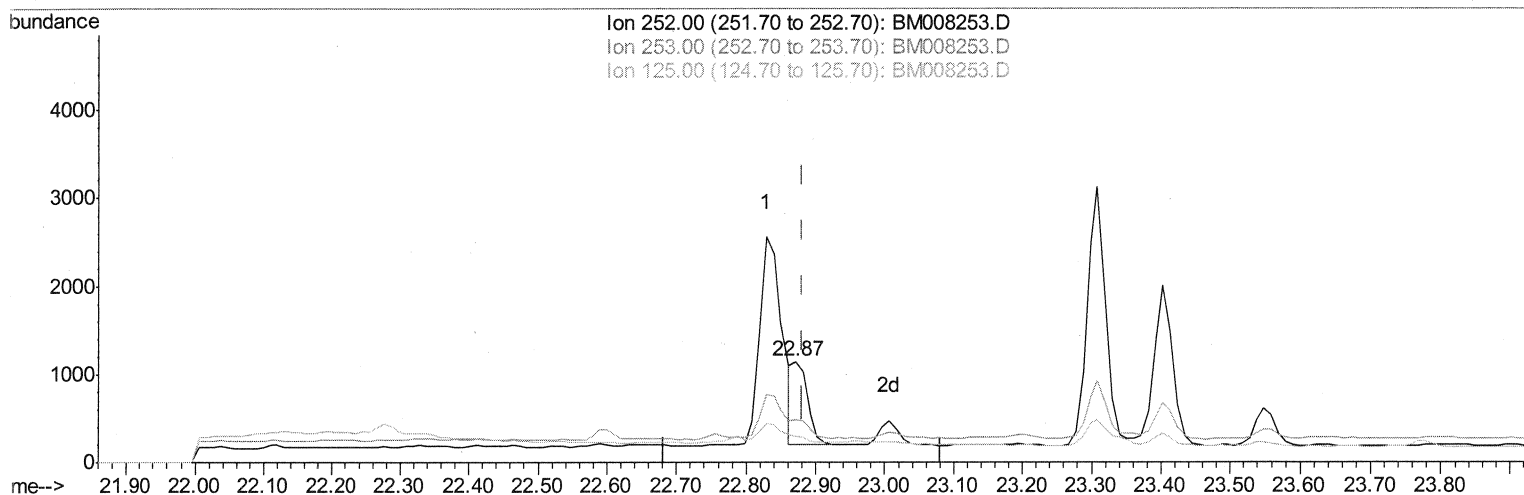
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Manual Integrations
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TIC: BM008253.D

(22) Benzo(k)fluoranthene

22.871min (-0.011) 0.16ng/ul m

52 12/12/16

response 1409

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	42.06#
125.00	17.10	26.61#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	721	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2274	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1282	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2236	0.40	ng/ul	-0.02
16) Chrysene-d12	21.28	240	2154	0.40	ng/ul	-0.01
20) Perylene-d12	23.51	264	2115	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	146	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	333m	0.05	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.51	128	594	0.09	ng/ul#	76
5) 2-Methylnaphthalene	12.13	142	1058	0.26	ng/ul	99
12) Phenanthrene	17.11	178	2042	0.29	ng/ul	95
13) Anthracene	17.21	178	613m	0.09	ng/ul	
15) Fluoranthene	19.14	202	3374m	0.38	ng/ul	
17) Pyrene	19.50	202	4123	0.55	ng/ul	96
18) Benzo(a)anthracene	21.26	228	2453	0.37	ng/ul#	86
19) Chrysene	21.31	228	2698	0.33	ng/ul#	86
21) Benzo(b)fluoranthene	22.83	252	5288m	0.63	ng/ul	
22) Benzo(k)fluoranthene	22.87	252	1409m	0.16	ng/ul	
23) Benzo(a)pyrene	23.40	252	3394	0.43	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.75	276	2441	0.25	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	927	0.12	ng/ul#	50
26) Benzo(g,h,i)perylene	26.44	276	3664	0.42	ng/ul	93

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