

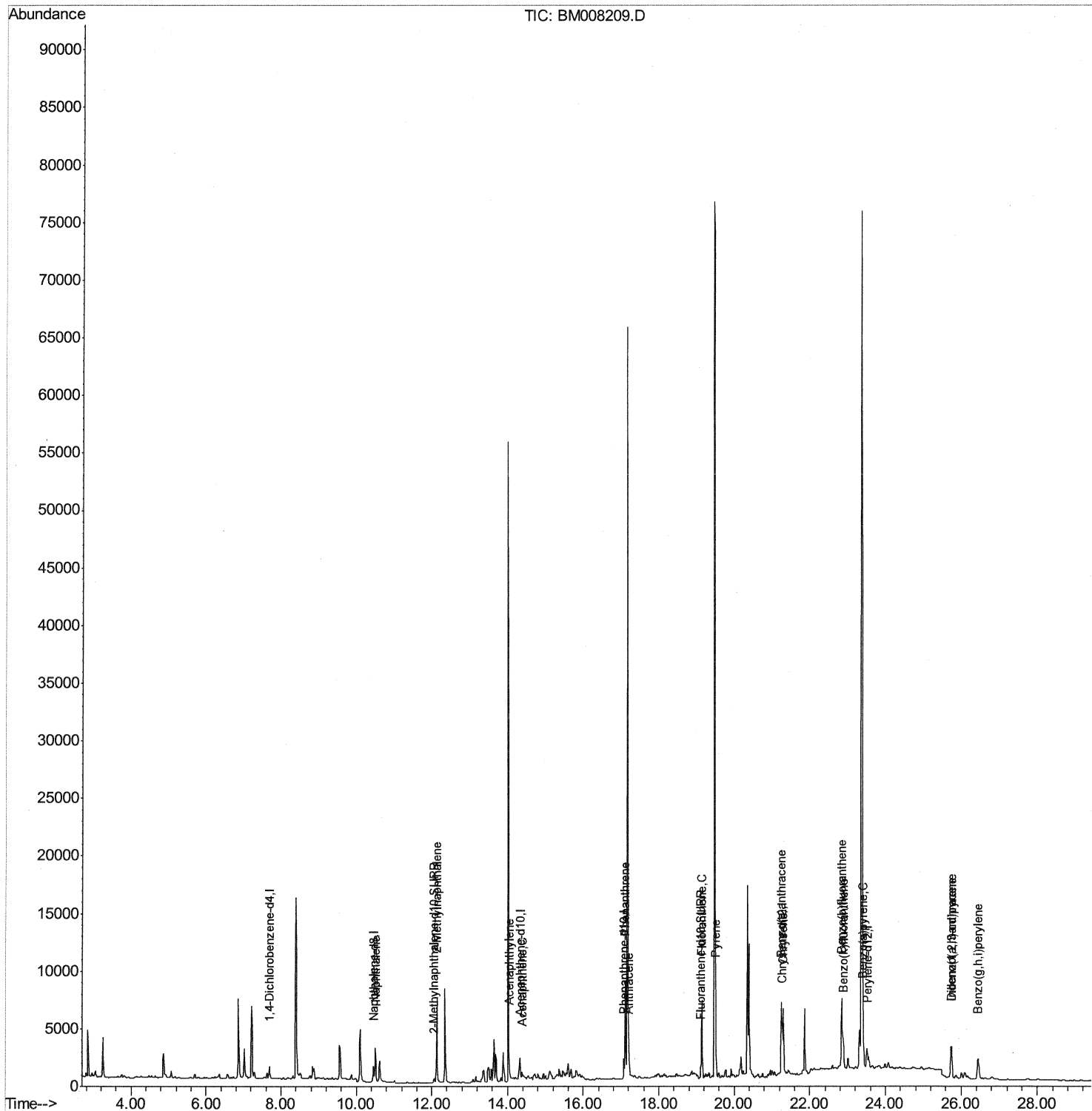
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008209.D
Acq On : 09 Dec 2016 17:28
Operator : UM/SJ
Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:22 PM

Quant Time: Dec 09 18:04:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 17:57:55 2016
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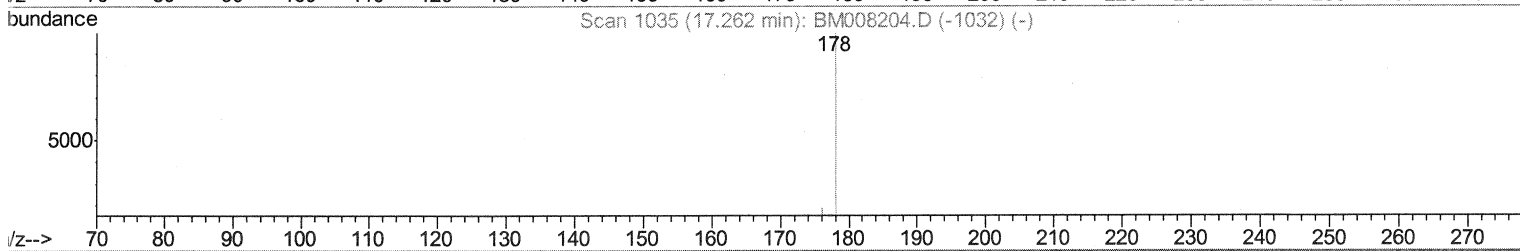
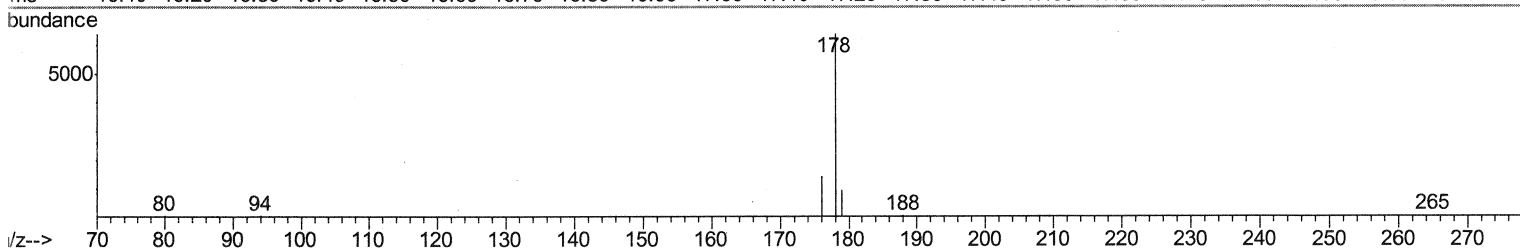
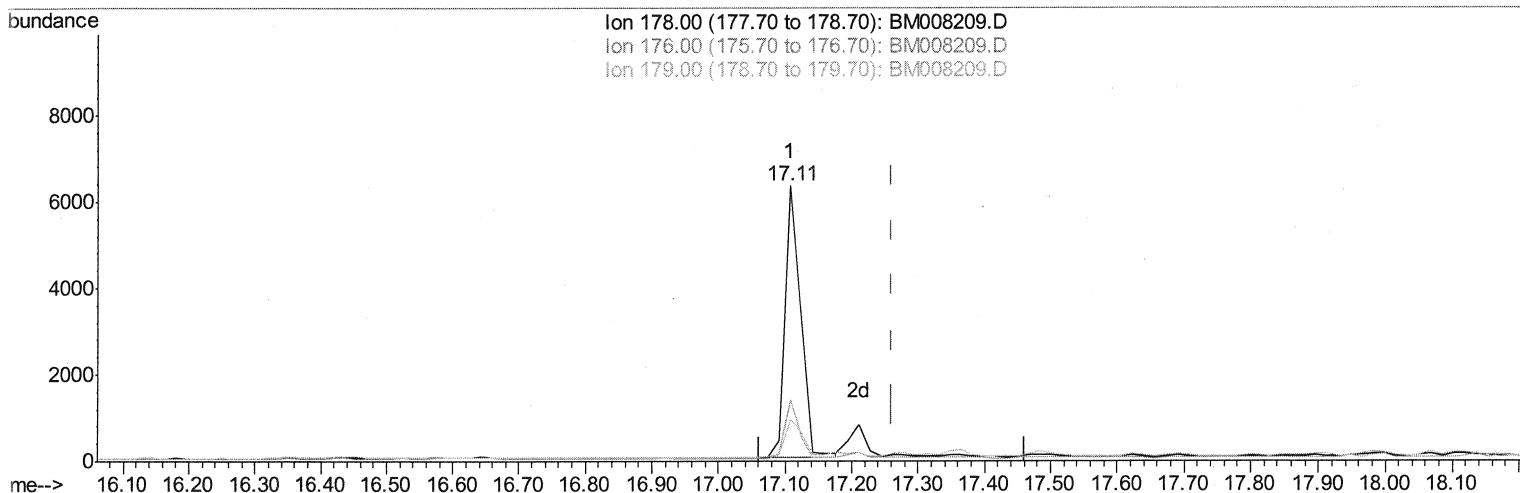
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TIC: BM008209.D

(13) Anthracene

17.108min (-0.154) 1.67ng/ul

response 10349

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	22.26
179.00	18.40	14.91
0.00	0.00	0.00

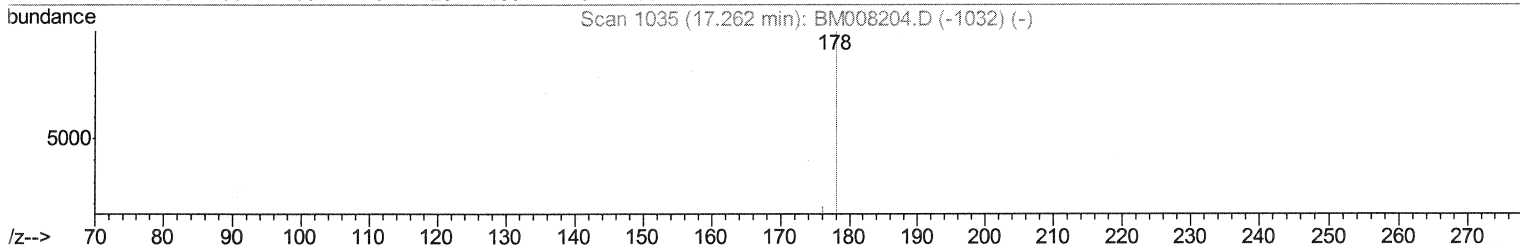
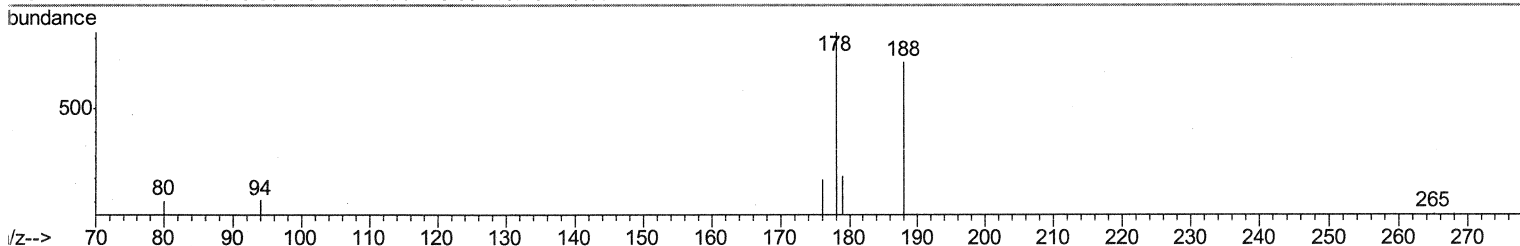
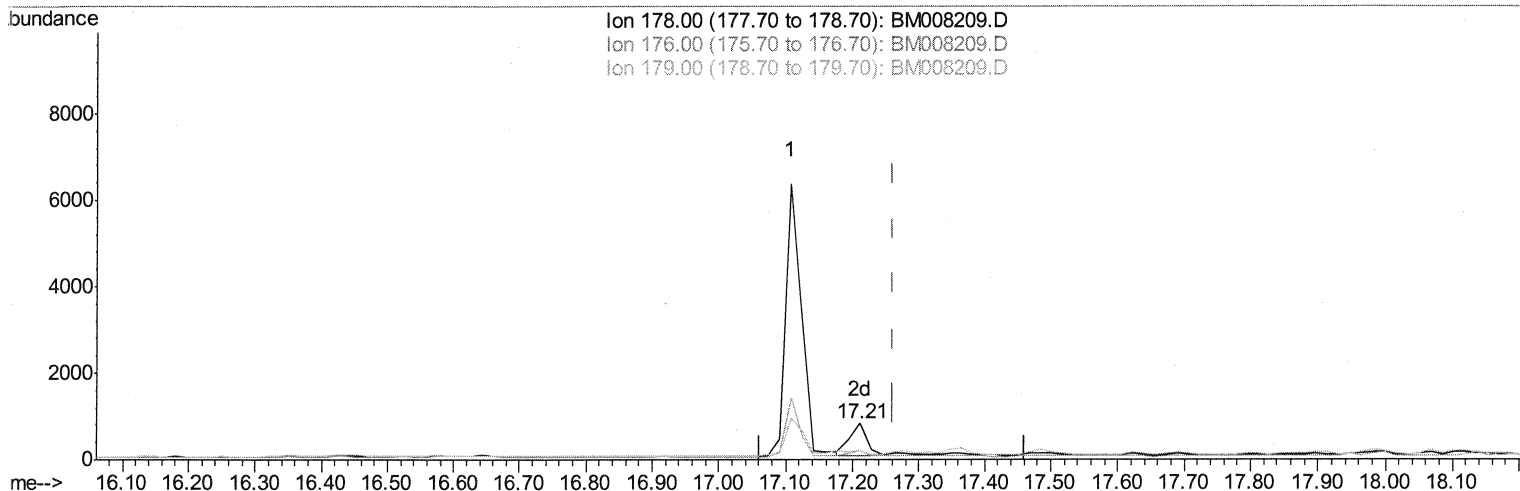
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Instrument :
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Manual Integrations
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TIC: BM008209.D

(13) Anthracene

17.211min (-0.051) 0.22ng/ul m

SJ 12/12/16

response 1334

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.00
179.00	18.40	25.57#
0.00	0.00	0.00

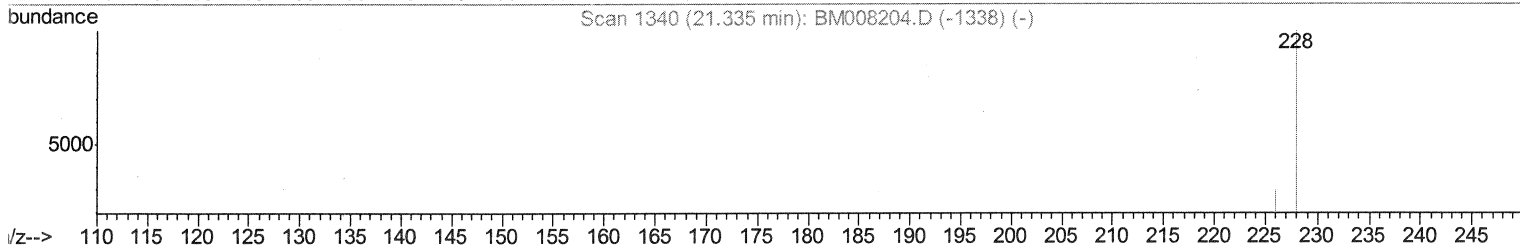
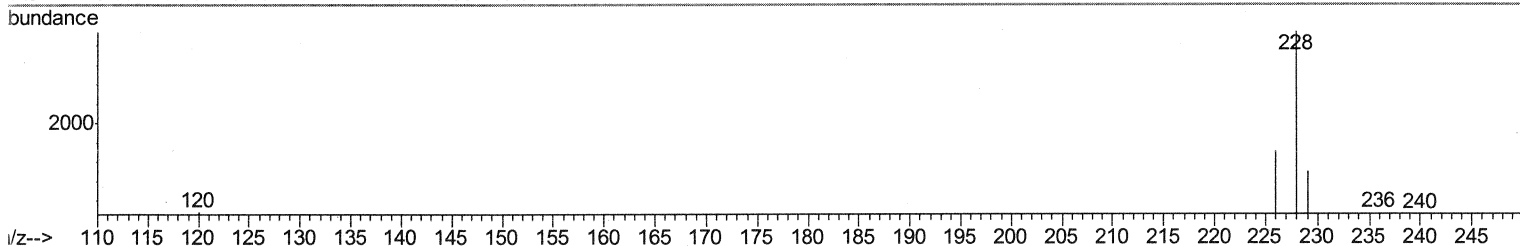
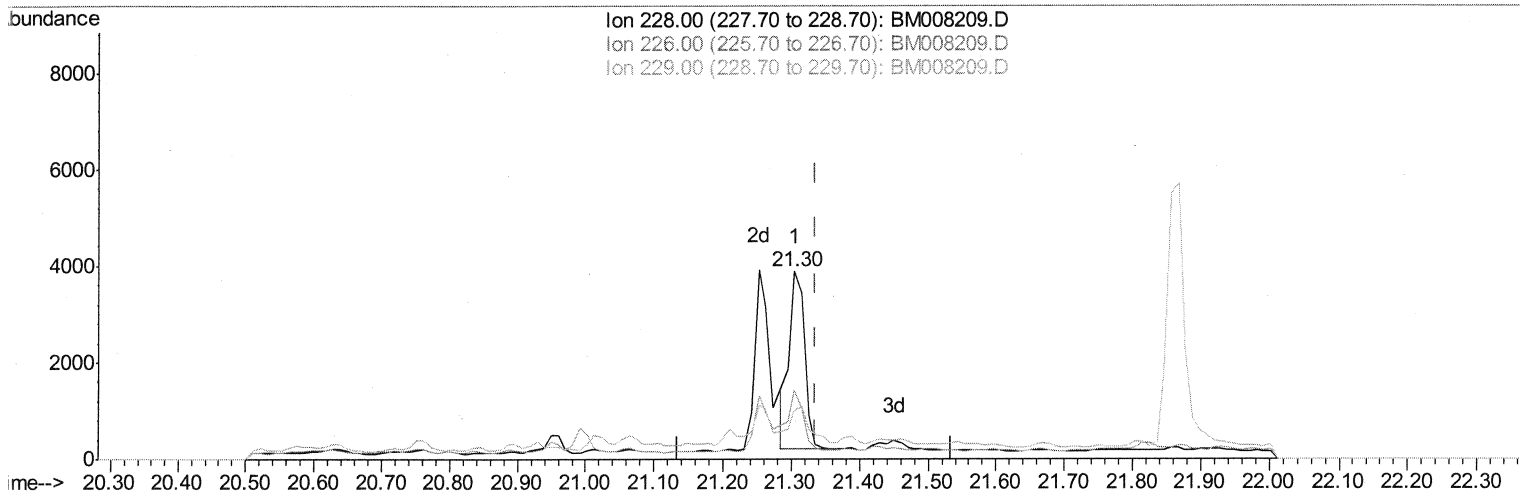
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
 Data File : BM008209.D
 Acq On : 09 Dec 2016 17:28
 Operator : UM/SJ
 Sample : H5863-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4

Manual Integrations
 APPROVED

UMANGI
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TIC: BM008209.D

(19) Chrysene

21.304min (-0.031) 0.66ng/ul

response 5914

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.62#
229.00	22.10	25.78
0.00	0.00	0.00

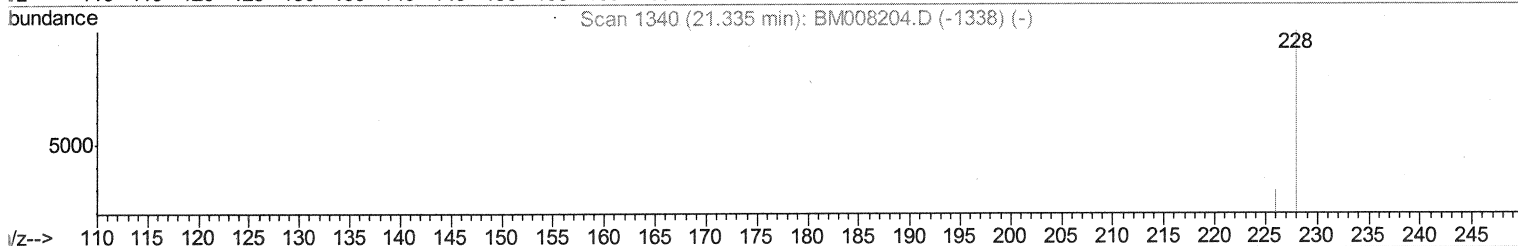
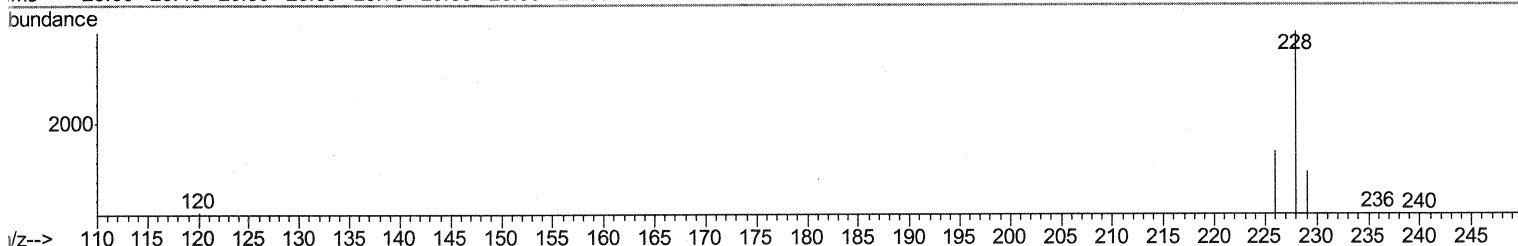
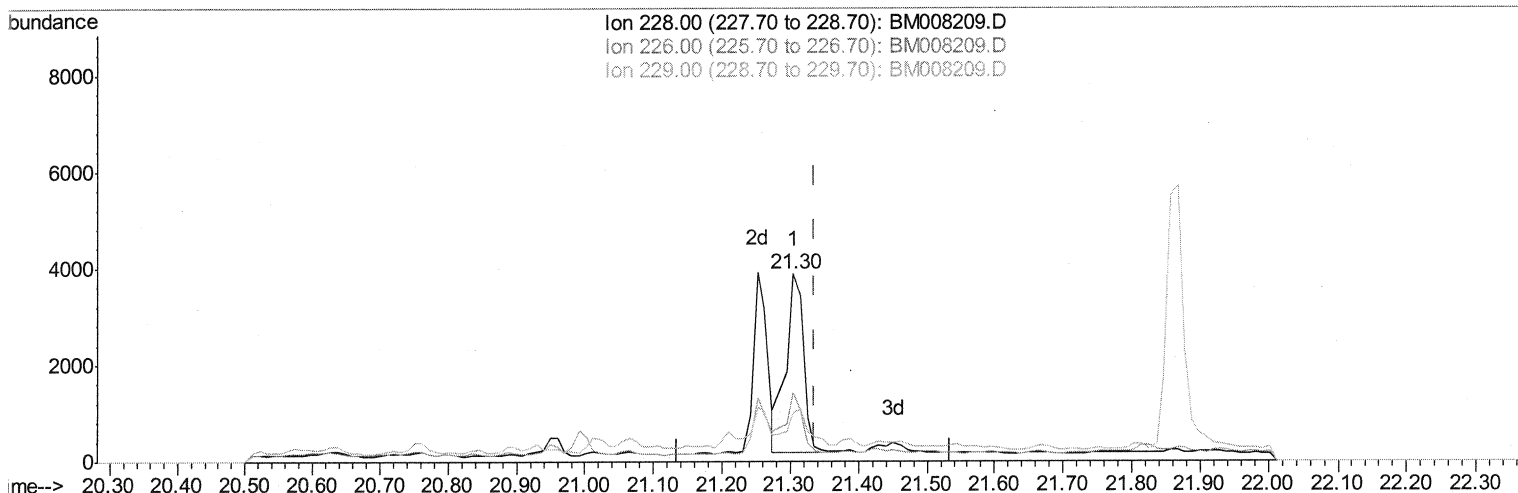
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
 Data File : BM008209.D
 Acq On : 09 Dec 2016 17:28
 Operator : UM/SJ
 Sample : H5863-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y4

Manual Integrations
 APPROVED

UMANGI
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Quant Time: Dec 09 18:02:18 2016
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 Response via : Initial Calibration



TIC: BM008209.D

(19) Chrysene

21.304min (-0.031) 0.75ng/ul m SJ 12/12/16

response 6784

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.62#
229.00	22.10	25.78
0.00	0.00	0.00

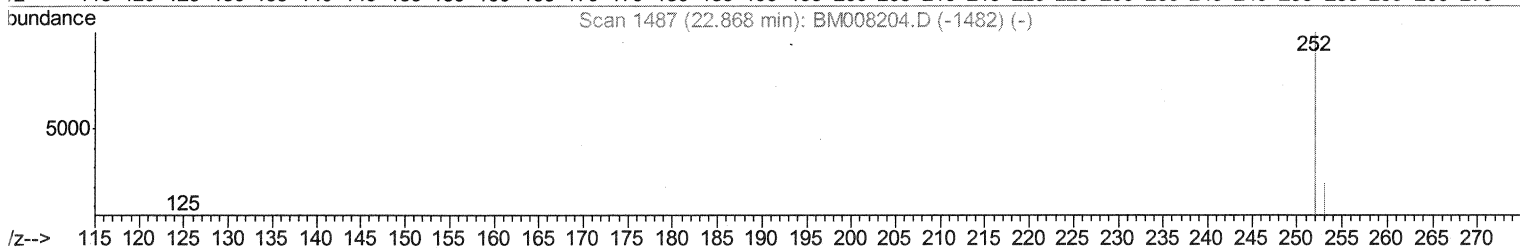
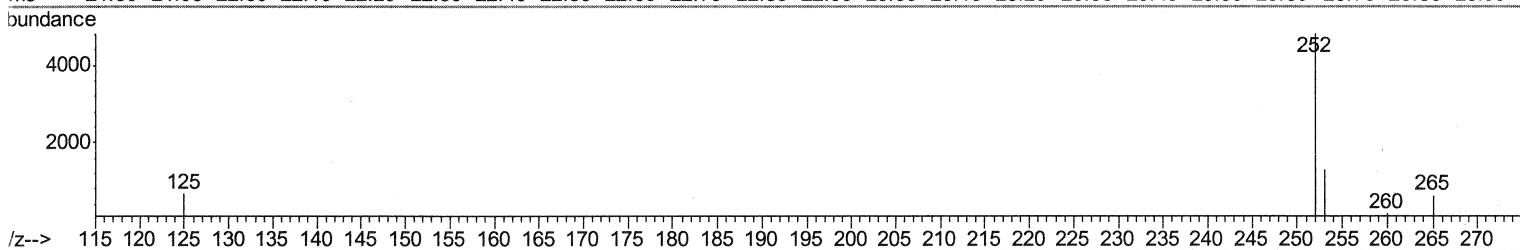
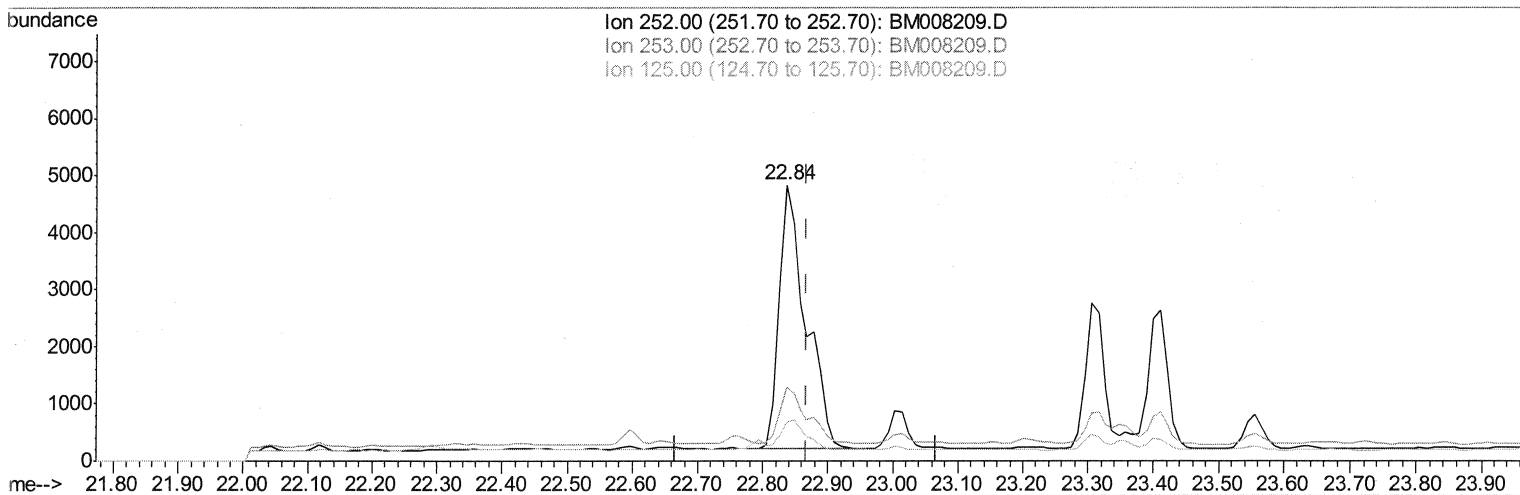
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008209.D
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Operator : UM/SJ
Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

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TIC: BM008209.D

(21) Benzo(b)fluoranthene

22.836min (-0.031) 1.46ng/ul

response 13067

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.65
125.00	17.50	13.88
0.00	0.00	0.00

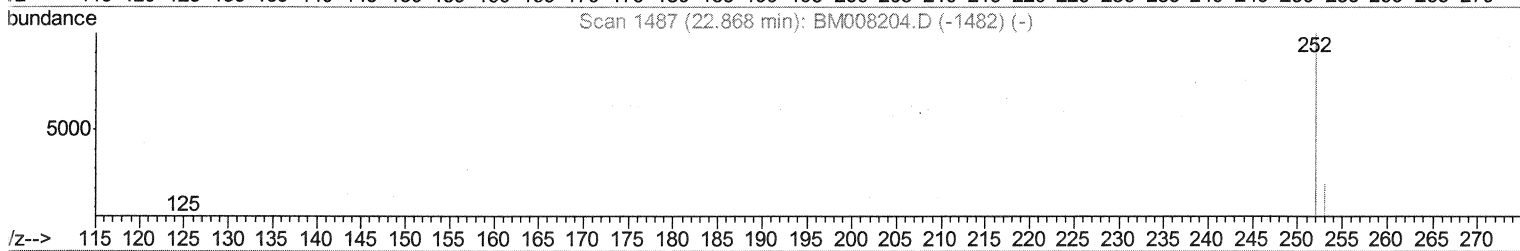
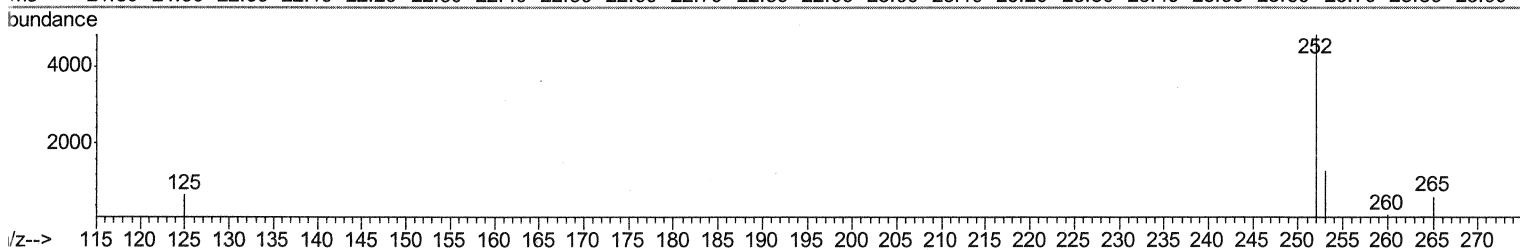
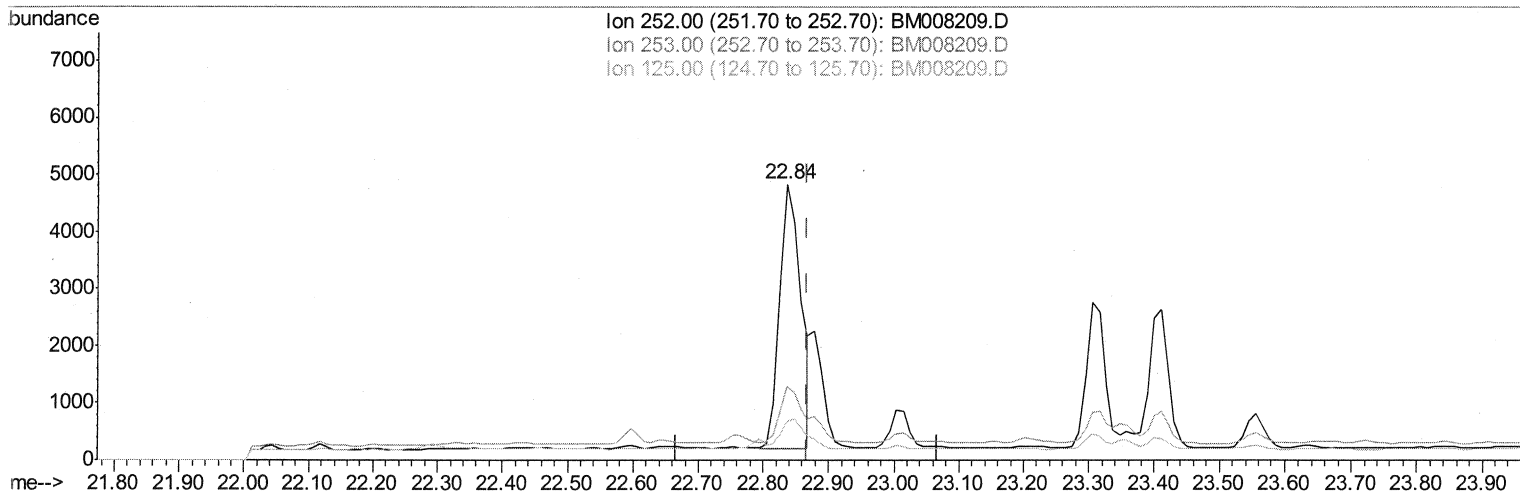
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008209.D
Acq On : 09 Dec 2016 17:28
Operator : UM/SJ
Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Manual Integrations
APPROVED

UMANGI
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TIC: BM008209.D

(21) Benzo(b)fluoranthene

22.836min (-0.031) 1.19ng/ul m

SJ 12/12/16

response 10641

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.65
125.00	17.50	13.88
0.00	0.00	0.00

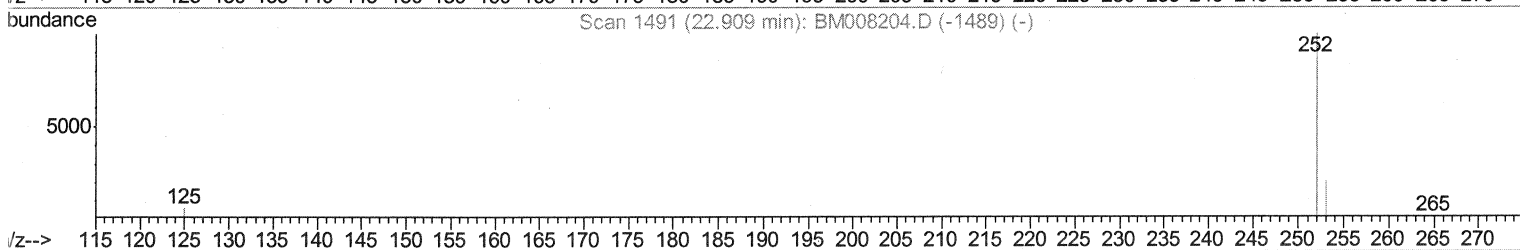
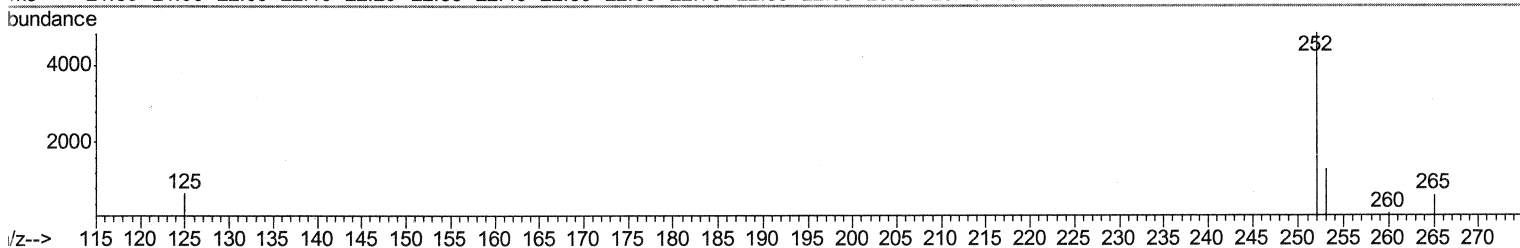
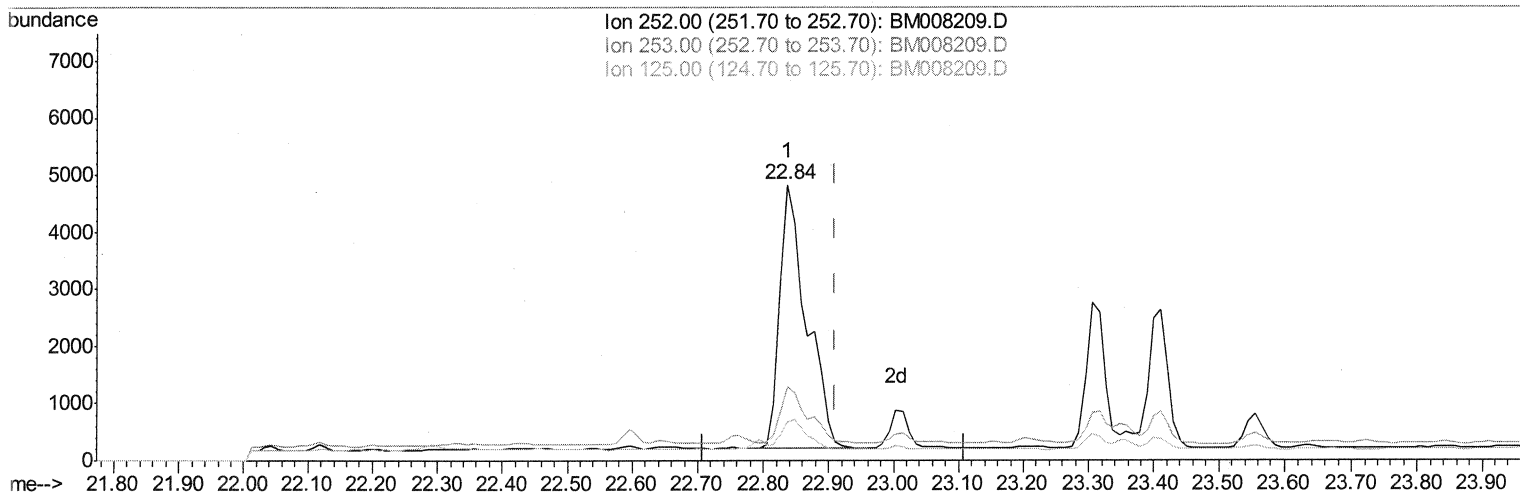
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Data File : BM008209.D
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Operator : UM/SJ
Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Manual Integrations
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TIC: BM008209.D

(22) Benzo(k)fluoranthene

22.836min (-0.073) 1.42ng/ul

response 13067

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.65
125.00	17.10	13.88
0.00	0.00	0.00

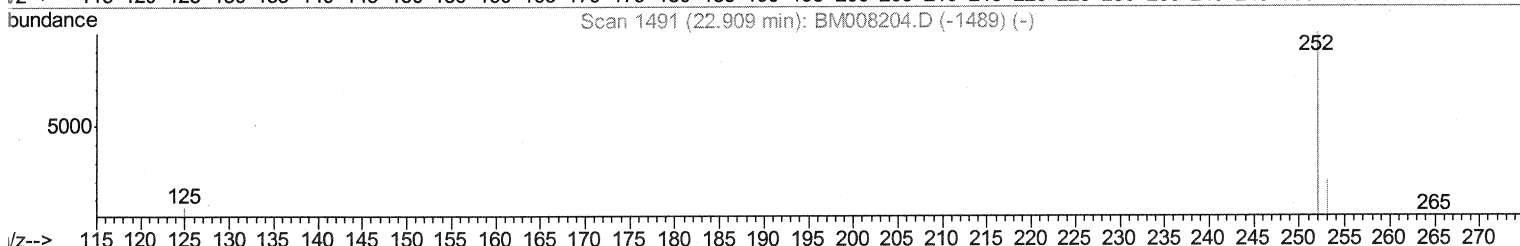
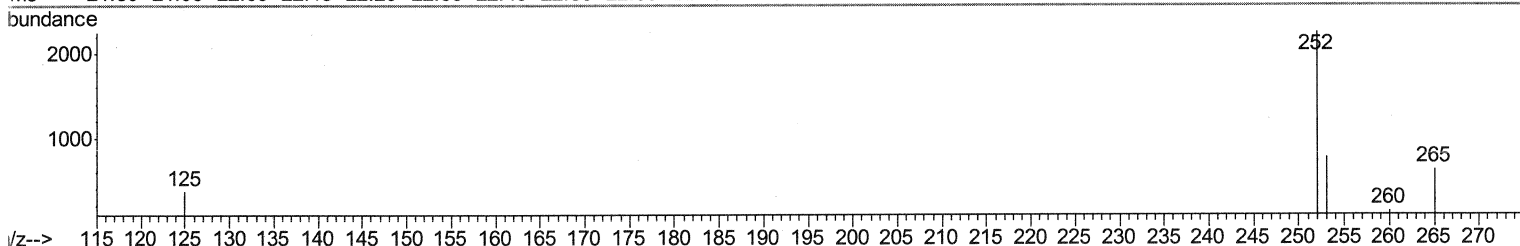
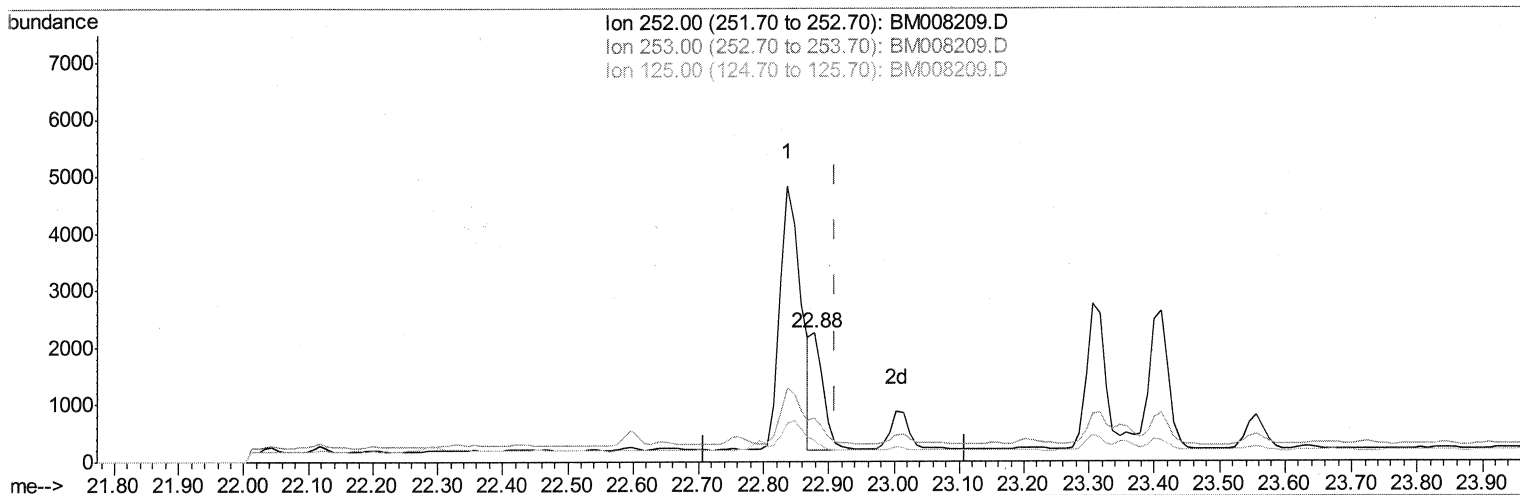
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008209.D
Acq On : 09 Dec 2016 17:28
Operator : UM/SJ
Sample : H5863-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y4

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:22 PM

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TIC: BM008209.D

(22) Benzo(k)fluoranthene

22.878min (-0.031) 0.28ng/ul m

SJ 12/12/16

response 2576

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.09
125.00	17.10	16.98
0.00	0.00	0.00

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 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	633	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.46	136	1941	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.33	164	1174	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2115	0.40	ng/ul	-0.03
16) Chrysene-d12	21.27	240	2354	0.40	ng/ul	-0.03
20) Perylene-d12	23.51	264	2240	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	565	0.21	ng/ul	-0.05
14) Fluoranthene-d10	19.12	212	1679	0.28	ng/ul	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.51	128	4254	0.78	ng/ul	98
5) 2-Methylnaphthalene	12.13	142	5437	1.55	ng/ul	100
7) Acenaphthylene	14.04	152	1018	0.19	ng/ul#	73
8) Acenaphthene	14.38	153	294	0.07	ng/ul#	81
12) Phenanthrene	17.11	178	10519	1.60	ng/ul	97
13) Anthracene	17.21	178	1334m	0.22	ng/ul	
15) Fluoranthene	19.14	202	6640	0.78	ng/ul	96
17) Pyrene	19.51	202	6445	0.79	ng/ul	96
18) Benzo(a)anthracene	21.25	228	5657	0.78	ng/ul#	88
19) Chrysene	21.30	228	6784m	0.75	ng/ul	
21) Benzo(b)fluoranthene	22.84	252	10641m	1.19	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	2576m	0.28	ng/ul	
23) Benzo(a)pyrene	23.41	252	4982	0.59	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.76	276	4461	0.43	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.76	278	1432	0.17	ng/ul#	62
26) Benzo(g,h,i)perylene	26.44	276	3902	0.42	ng/ul	95

SJ 12/12/16

SJ 12/12/16

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