

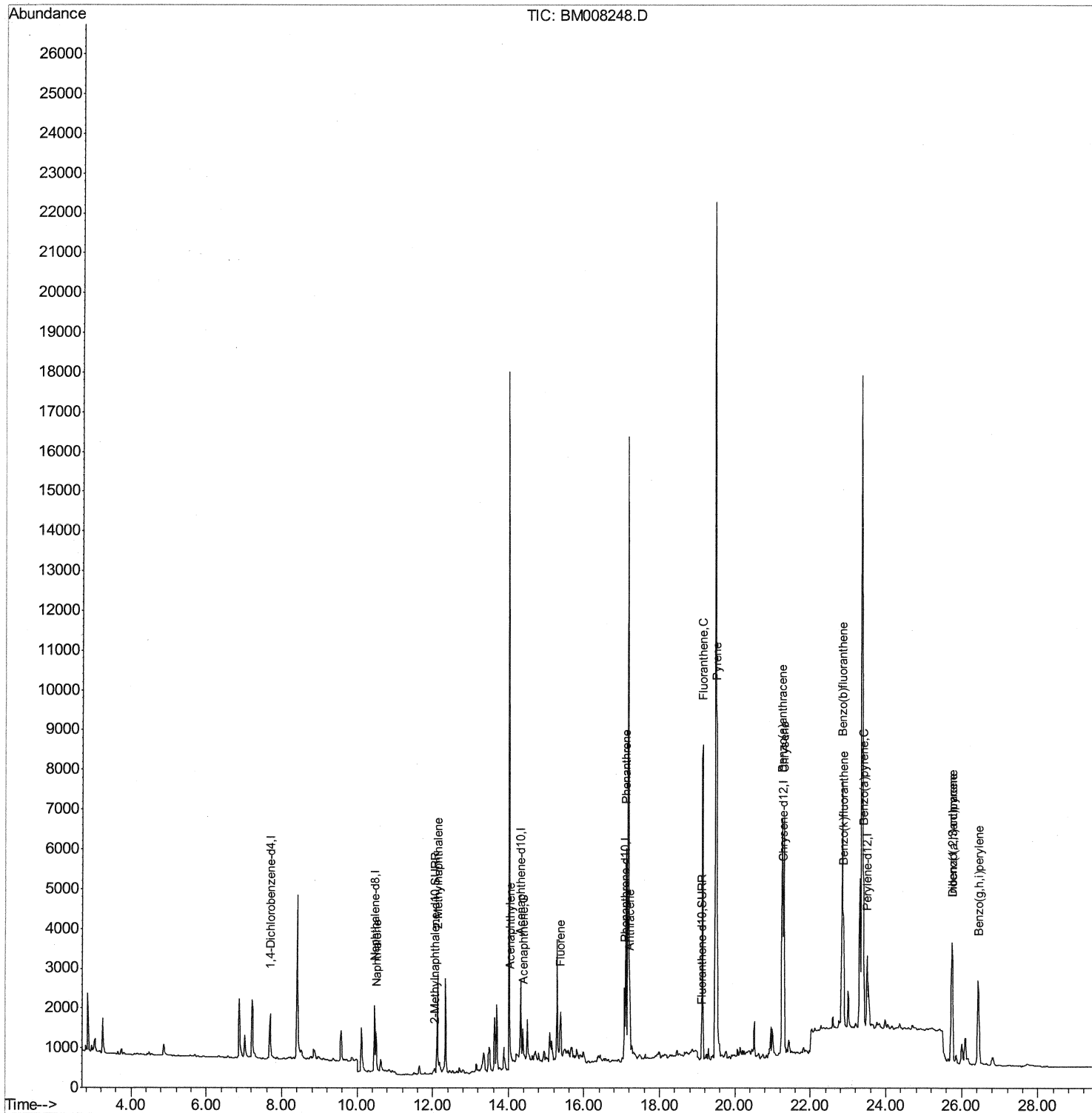
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6DL

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:38 PM

Quant Time: Dec 12 05:00:26 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



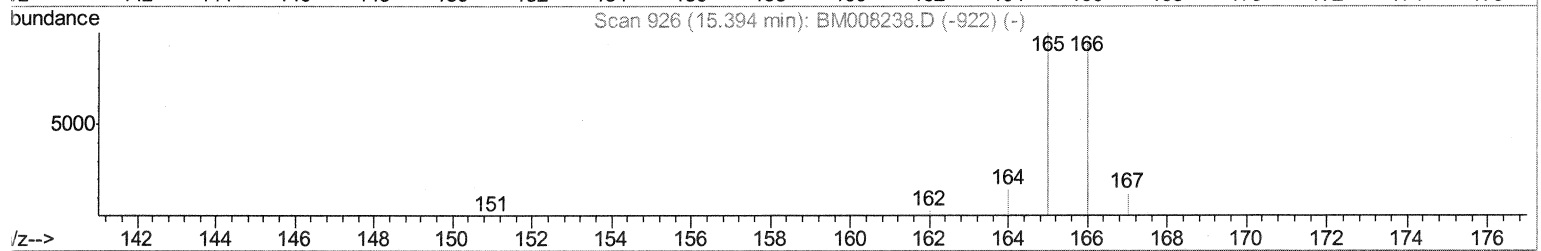
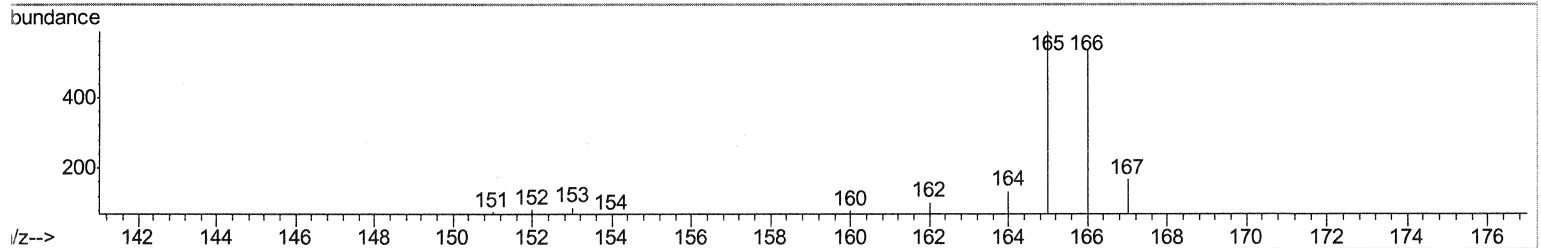
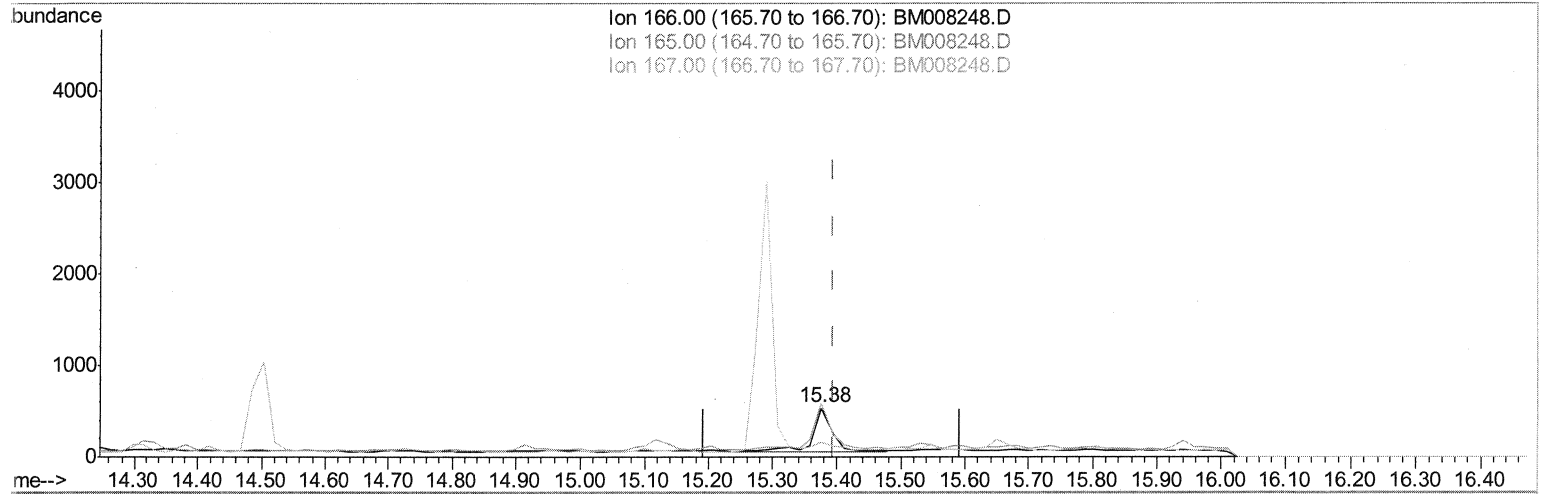
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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TIC: BM008248.D

(9) Fluorene

15.376min (-0.018) 0.18ng/ul

response 1004

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	109.91
167.00	18.30	31.21#
0.00	0.00	0.00

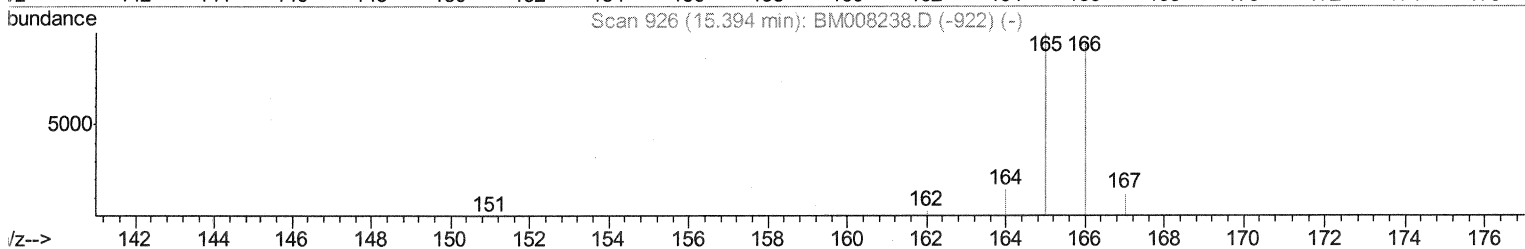
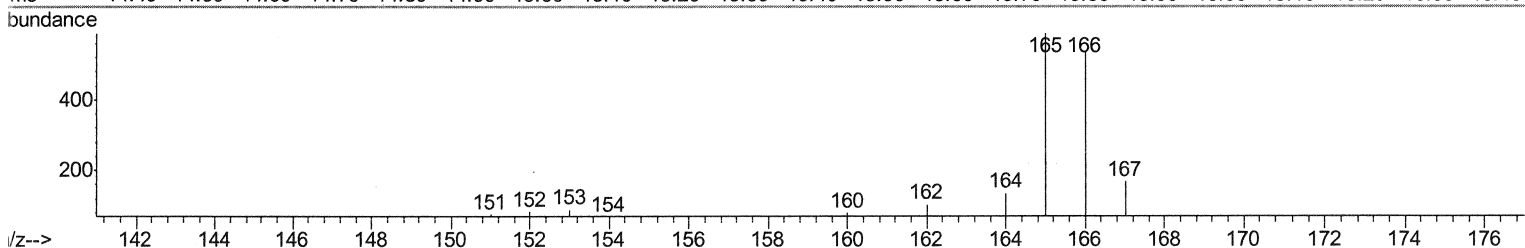
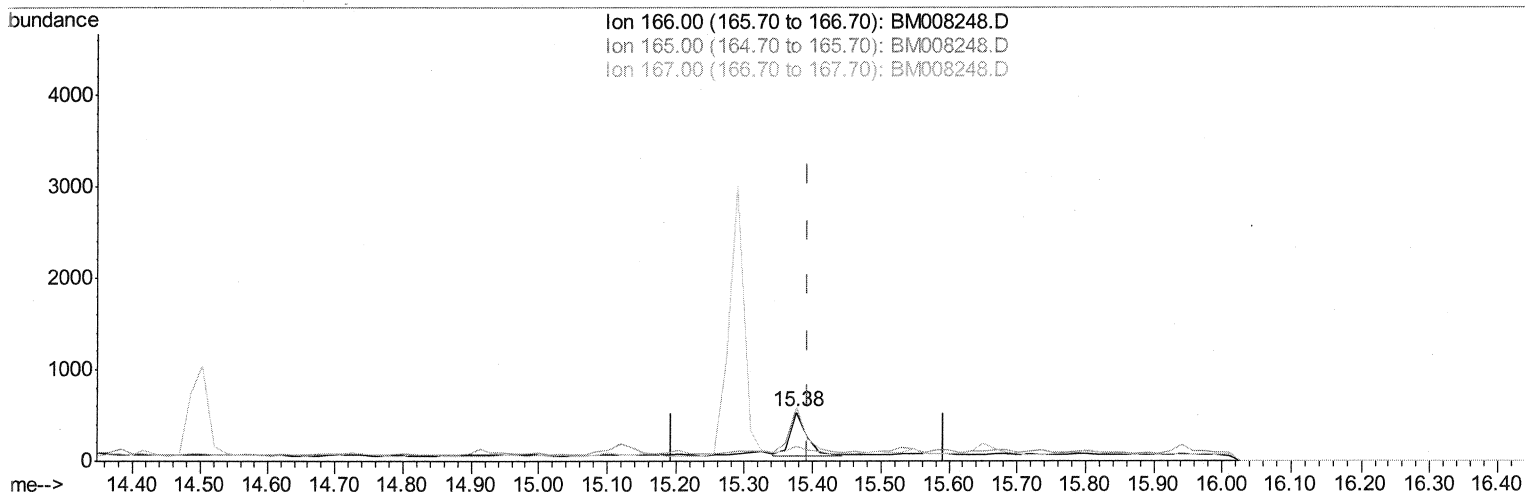
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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Operator : UM/SJ
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Manual Integrations
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Quant Time: Dec 12 03:55:35 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
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Response via : Initial Calibration



TIC: BM008248.D

(9) Fluorene

15.376min (-0.018) 0.15ng/ul m

SJ 12/12/16

response 834

Ion	Exp%	Act%
166.00	100	100
165.00	91.80	109.91
167.00	18.30	31.21#
0.00	0.00	0.00

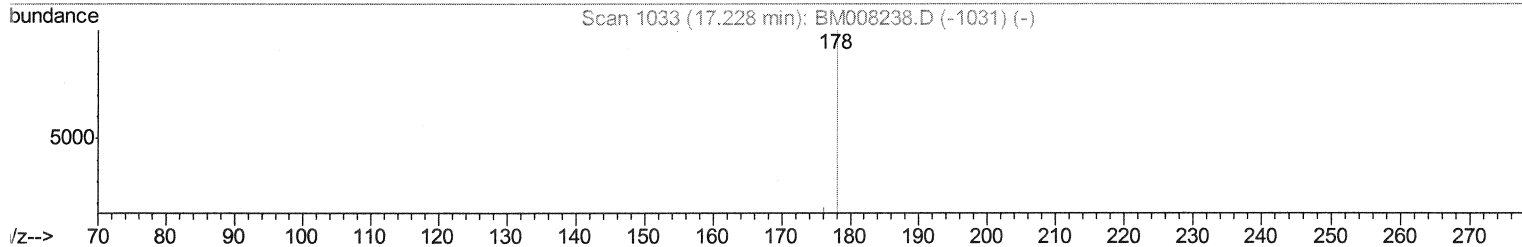
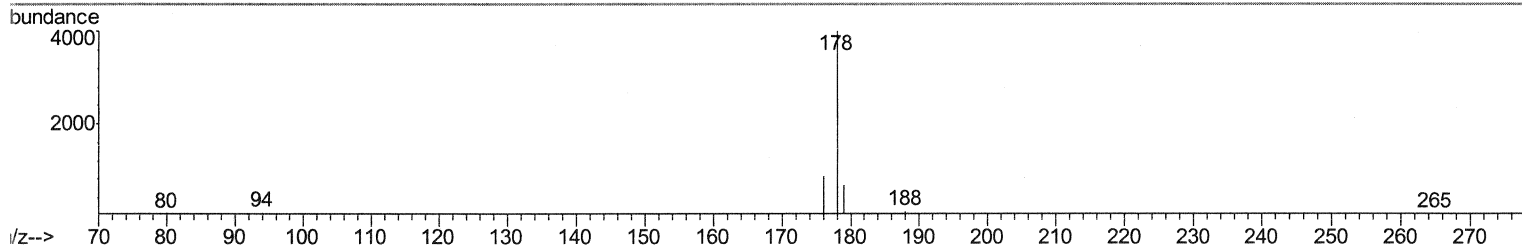
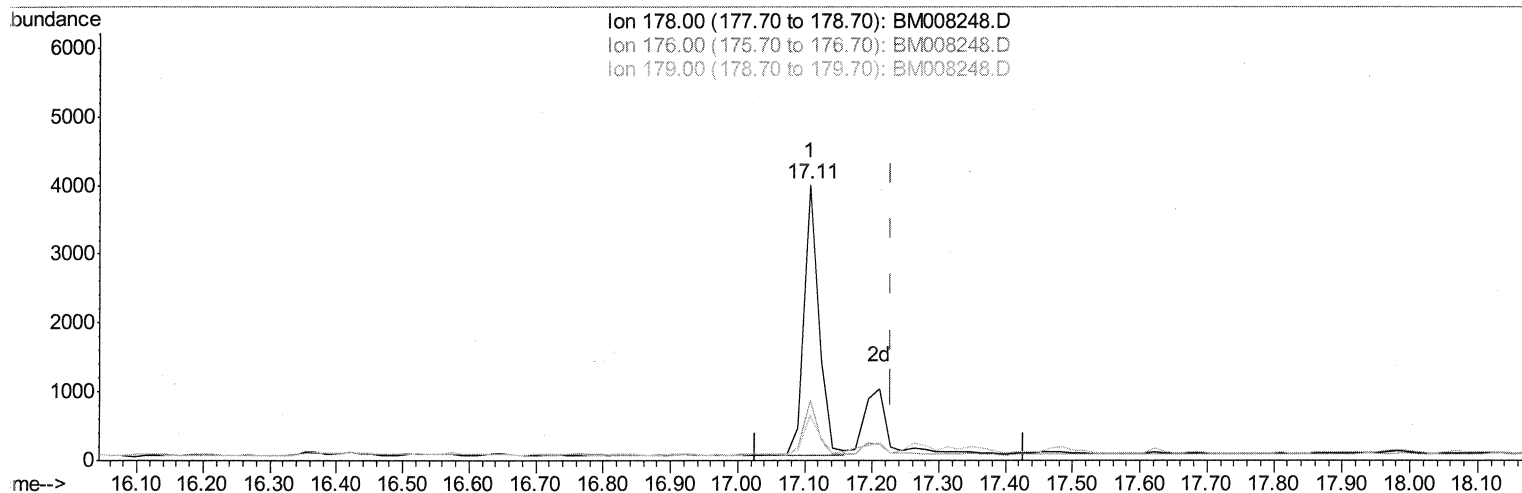
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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Misc :
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Manual Integrations
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Quant Time: Dec 12 03:55:35 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM008248.D

(13) Anthracene

17.108min (-0.120) 0.87ng/ul

response 6019

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	21.84
179.00	18.40	16.48
0.00	0.00	0.00

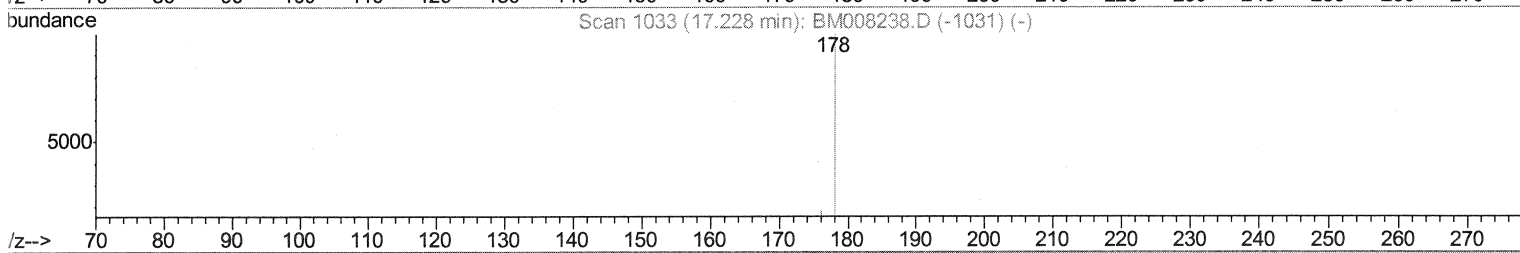
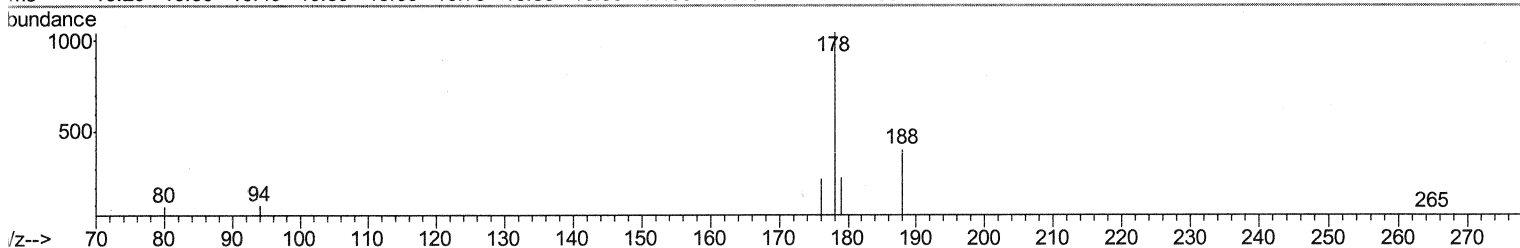
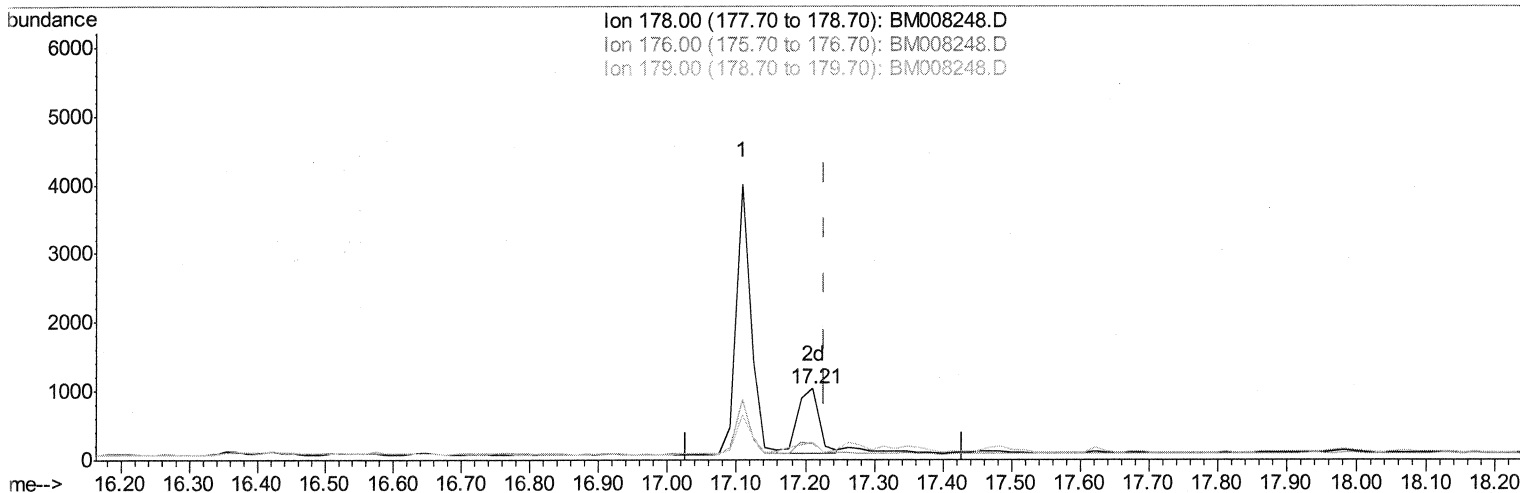
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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UMANGI
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Quant Time: Dec 12 03:55:35 2016
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Response via : Initial Calibration



TIC: BM008248.D

(13) Anthracene

17.210min (-0.018) 0.30ng/ul m

SJ 12/12/16

response 2072

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	23.20
179.00	18.40	23.97#
0.00	0.00	0.00

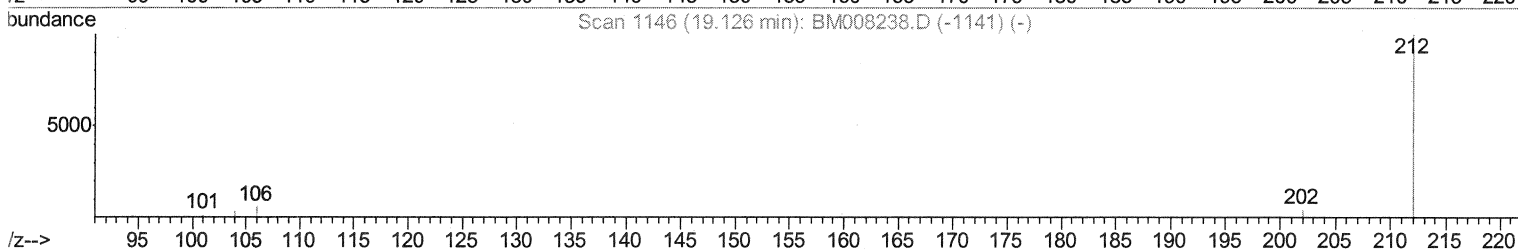
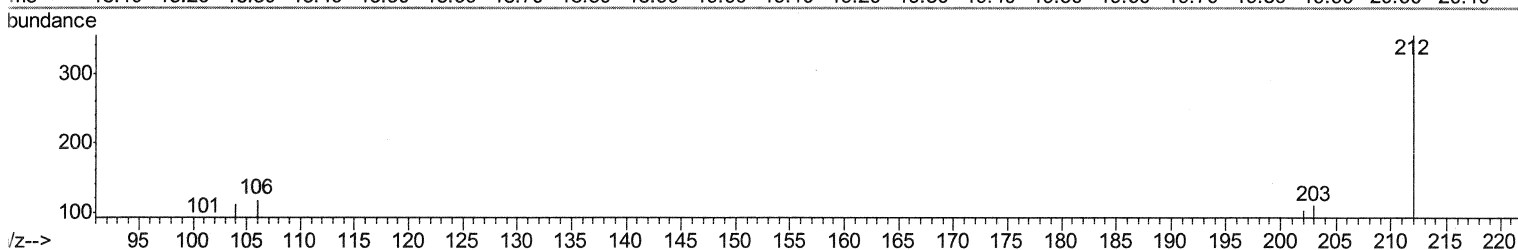
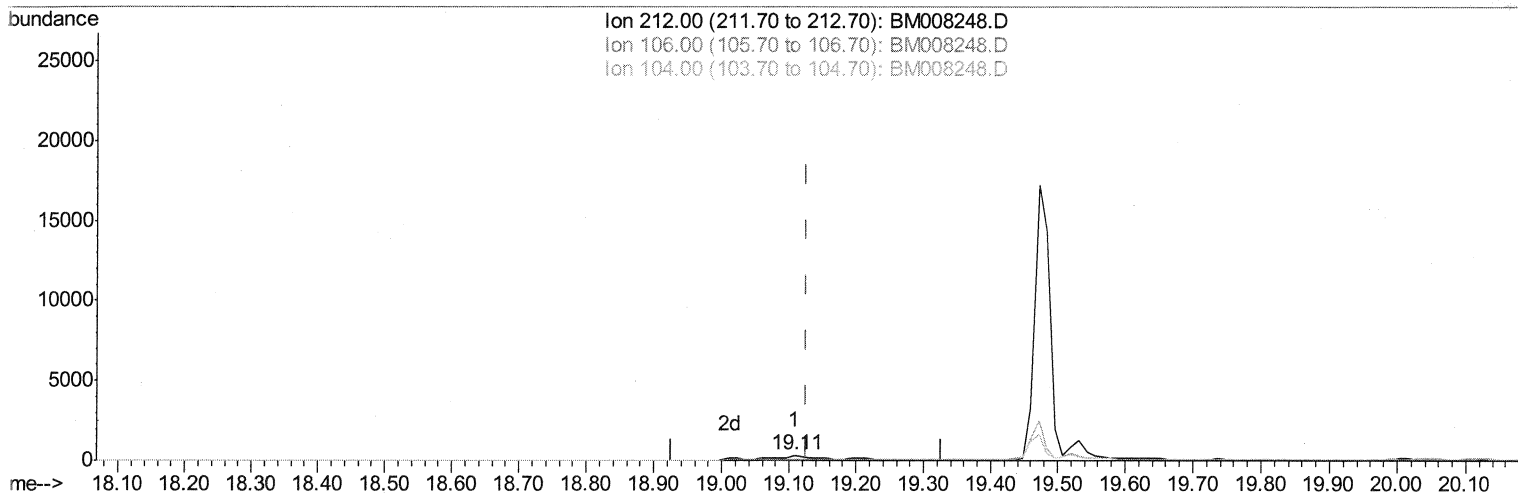
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6DL

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:38 PM

Quant Time: Dec 12 03:55:35 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



TIC: BM008248.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.018) 0.10ng/ul

response 670

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	232.54#
0.00	0.00	0.00

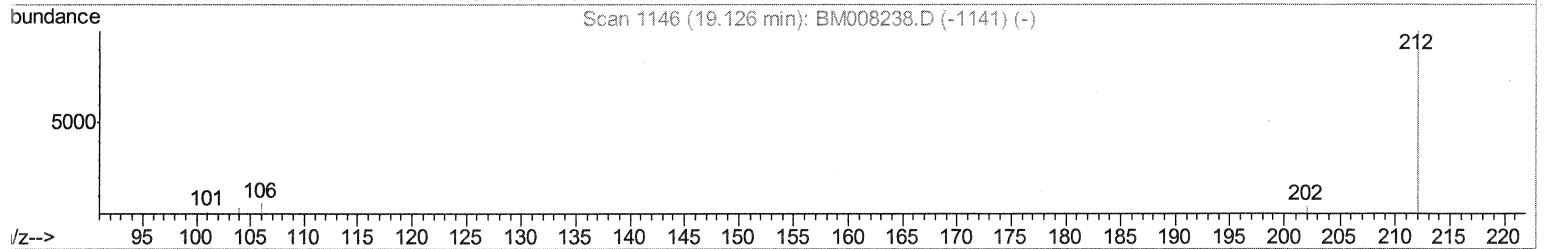
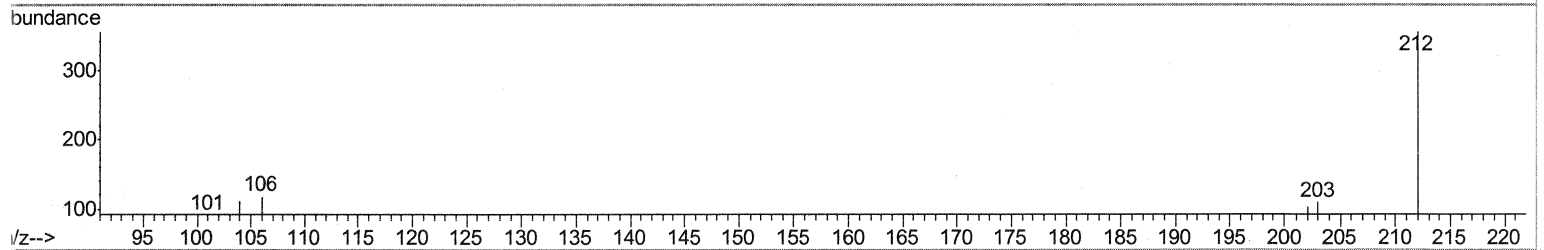
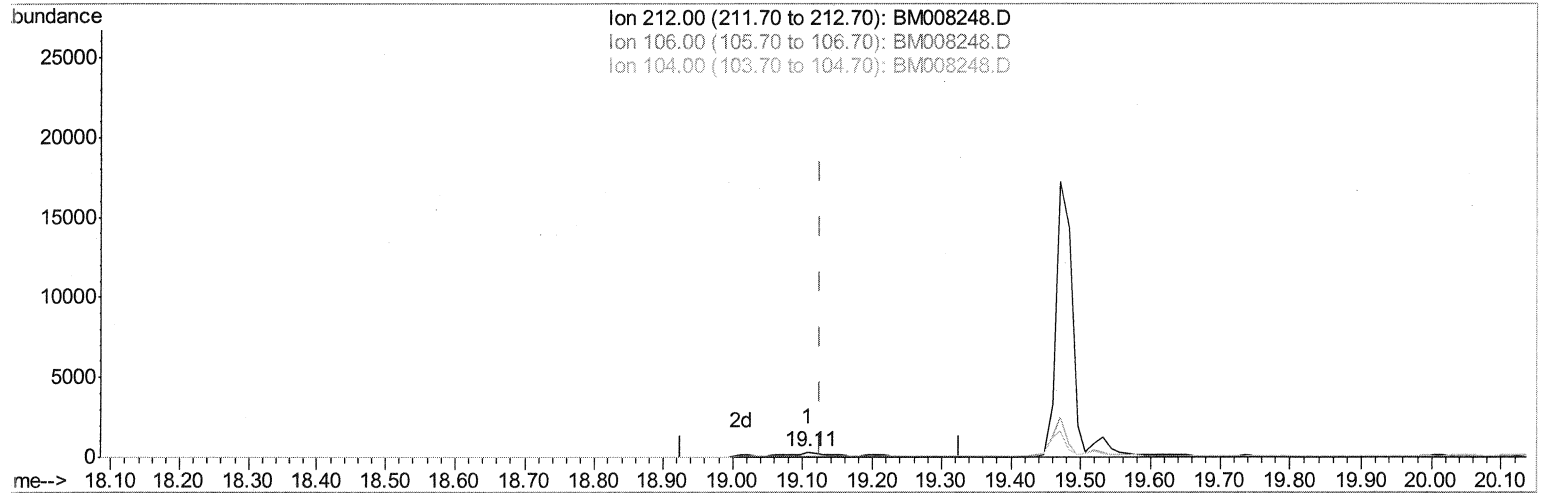
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6DL

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:38 PM

Quant Time: Dec 12 03:55:35 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



TIC: BM008248.D

(14) Fluoranthene-d10 (SURR)

19.108min (-0.018) 0.06ng/ul m

SJ 12/12/16

response 423

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	368.32#
0.00	0.00	0.00

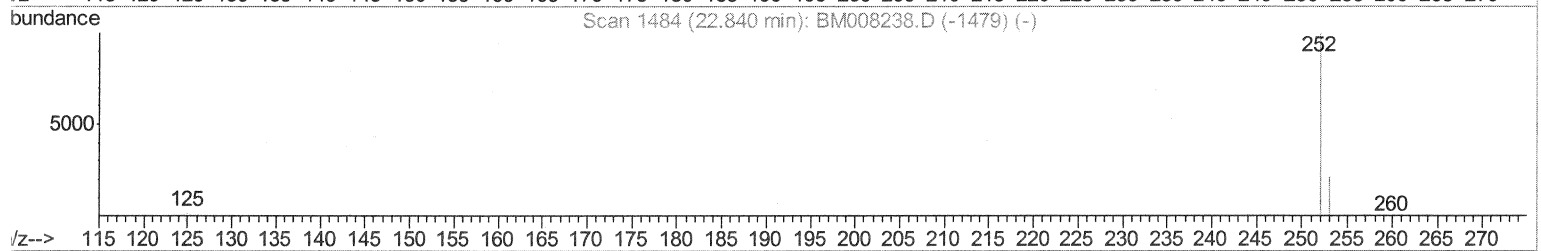
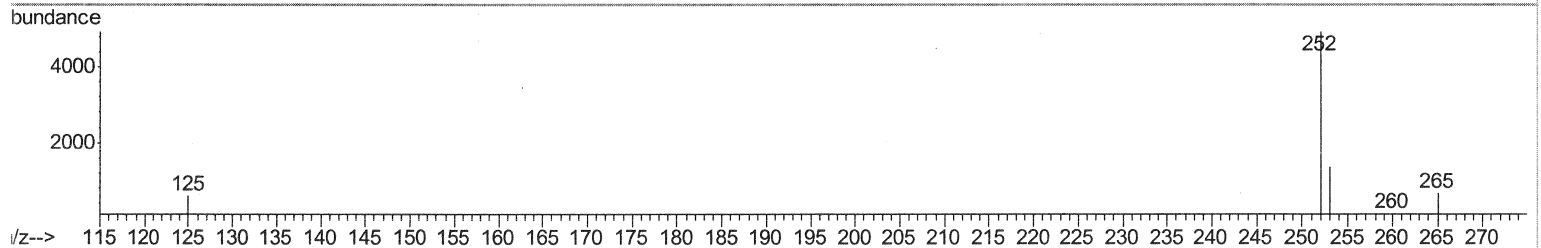
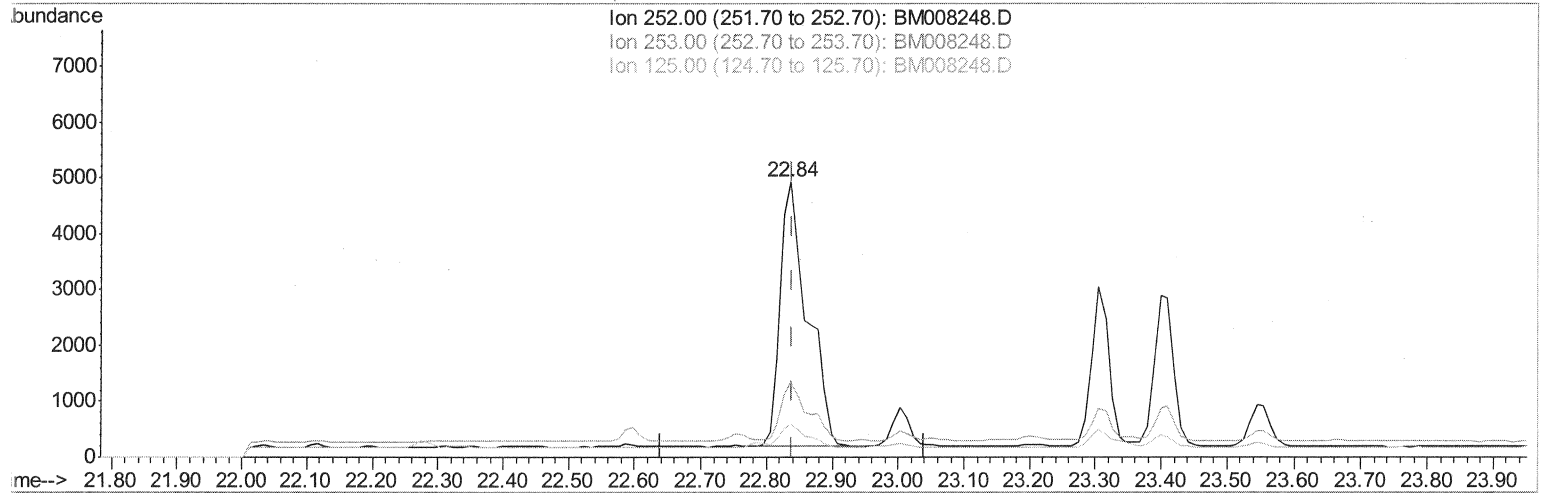
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Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
APPROVED

UMANGI
12/12/2016 6:50:38 PM

Quant Time: Dec 12 03:55:35 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



TIC: BM008248.D

(21) Benzo(b)fluoranthene

22.836min (-0.004) 1.53ng/ul

response 13695

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.28
125.00	17.50	11.85
0.00	0.00	0.00

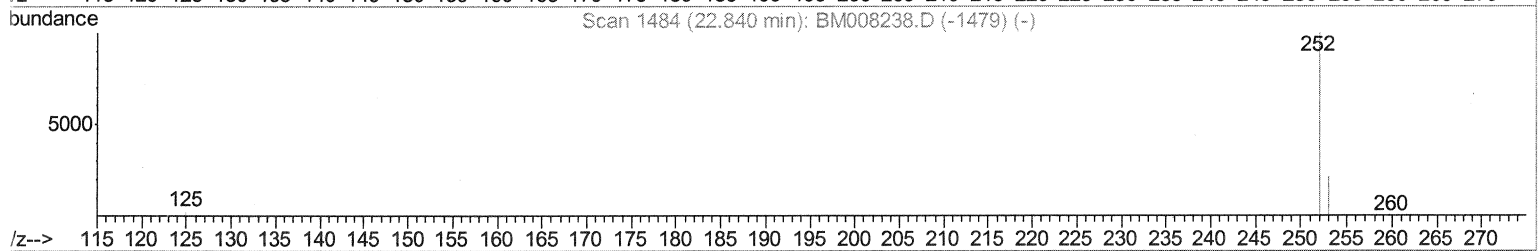
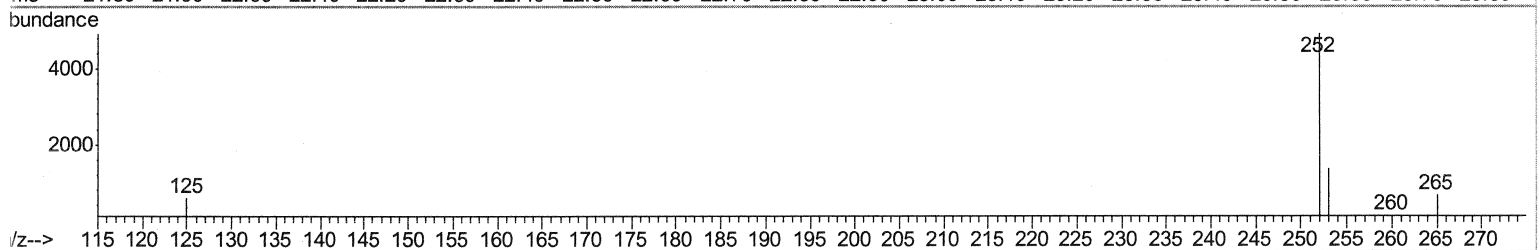
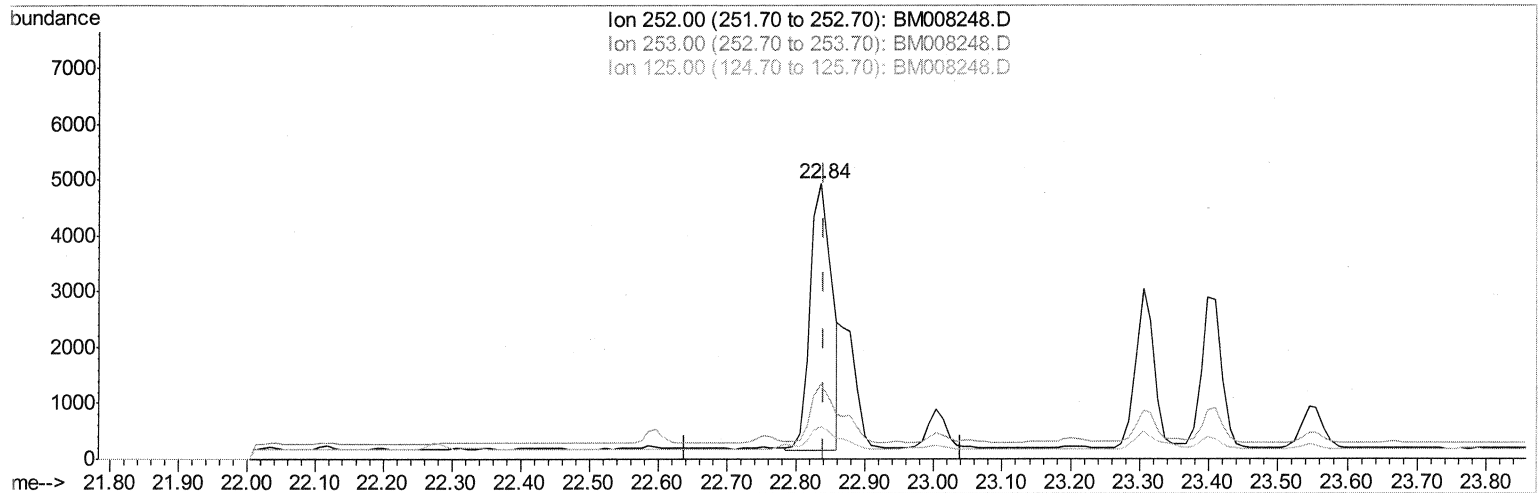
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Data File : BM008248.D
Acq On : 11 Dec 2016 00:41
Operator : UM/SJ
Sample : H5863-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7Y6DL

Manual Integrations
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UMANGI
12/12/2016 6:50:38 PM

Quant Time: Dec 12 03:55:35 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



TIC: BM008248.D

(21) Benzo(b)fluoranthene

22.836min (-0.004) 1.16ng/ul m

57 12/12/16

response 10398

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.28
125.00	17.50	11.85
0.00	0.00	0.00

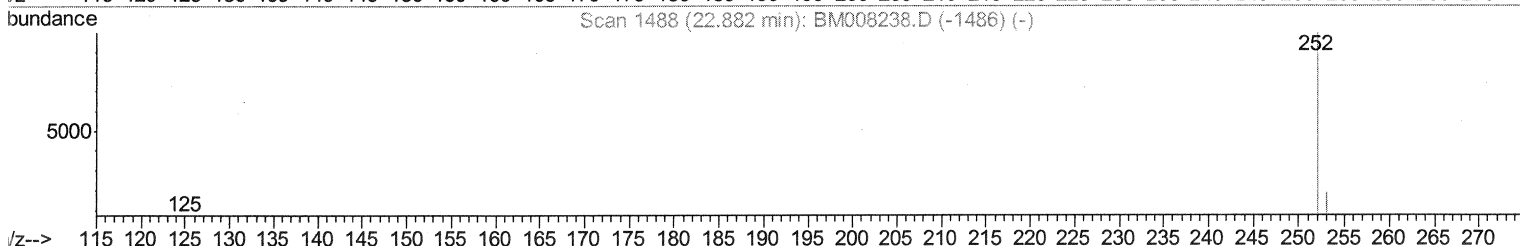
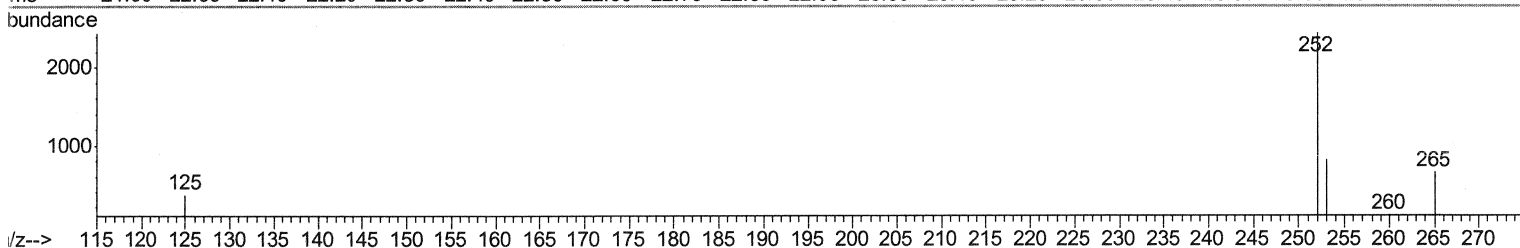
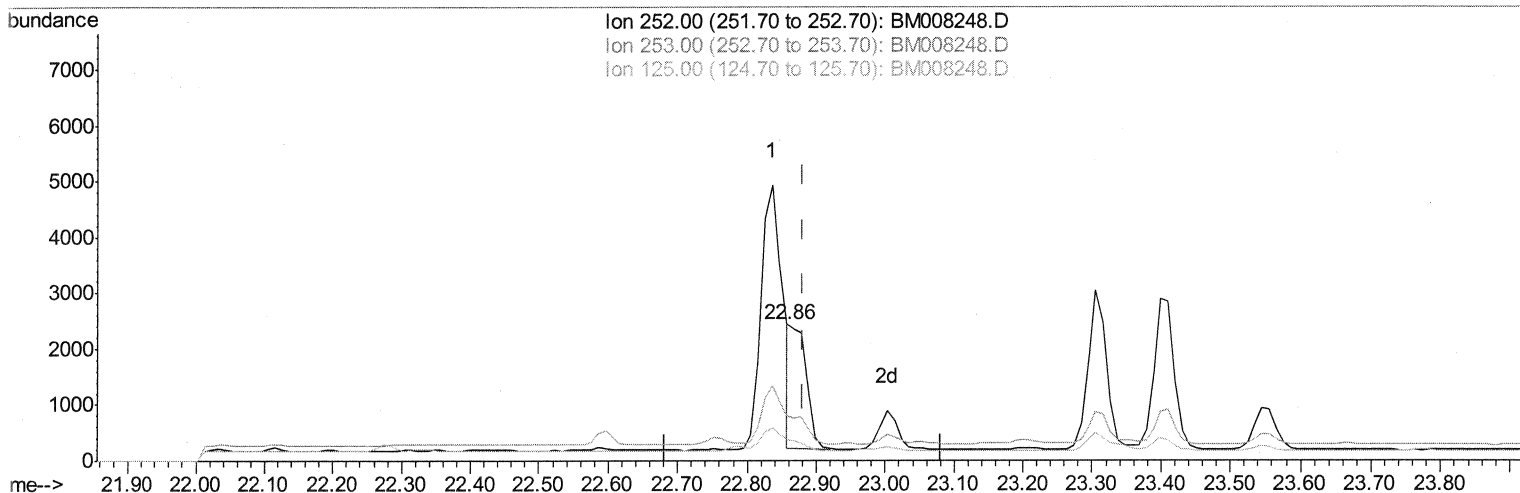
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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 Operator : UM/SJ
 Sample : H5863-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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UMANGI
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 12 03:51:49 2016
 Response via : Initial Calibration



TIC: BM008248.D

(22) Benzo(k)fluoranthene

22.857min (-0.025) 0.37ng/ul m

SJ 12/12/16

response 3434

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	33.28
125.00	17.10	15.29
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
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Manual Integrations
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UMANGI
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	764	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2435	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.31	164	1376	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	2358	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2297	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	2242	0.40	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.06	152	188	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.11	212	423m	0.06	ng/ul	-0.02

SJ 12/12/16

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.51	128	1547	0.23	ng/ul#	93
5) 2-Methylnaphthalene	12.13	142	2044	0.47	ng/ul	96
7) Acenaphthylene	14.04	152	844	0.14	ng/ul#	78
8) Acenaphthene	14.38	153	487	0.10	ng/ul	95
9) Fluorene	15.38	166	834m	0.15	ng/ul	
12) Phenanthrene	17.11	178	6086	0.83	ng/ul	98
13) Anthracene	17.21	178	2072m	0.30	ng/ul	
15) Fluoranthene	19.14	202	9633	1.02	ng/ul	94
17) Pyrene	19.51	202	8784	1.10	ng/ul	96
18) Benzo(a)anthracene	21.25	228	5290	0.75	ng/ul	96
19) Chrysene	21.30	228	6143	0.70	ng/ul	95
21) Benzo(b)fluoranthene	22.84	252	10398m	1.16	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3434m	0.37	ng/ul	
23) Benzo(a)pyrene	23.40	252	5483	0.65	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.74	276	5132	0.50	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.74	278	1464	0.18	ng/ul#	71
26) Benzo(g,h,i)perylene	26.43	276	4626	0.50	ng/ul#	94

SJ 12/12/16

SJ 12/12/16

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

Quantitation Report (Qedit)

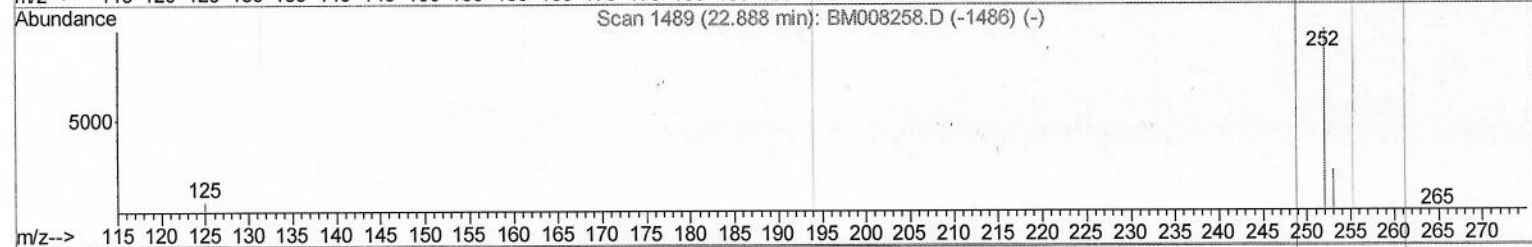
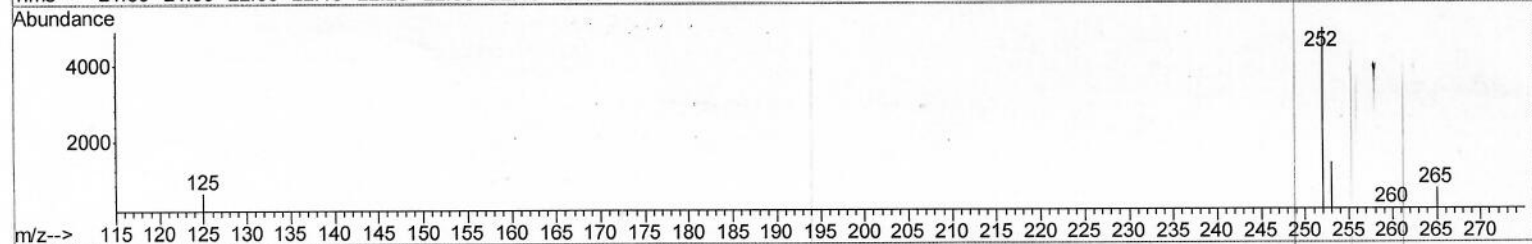
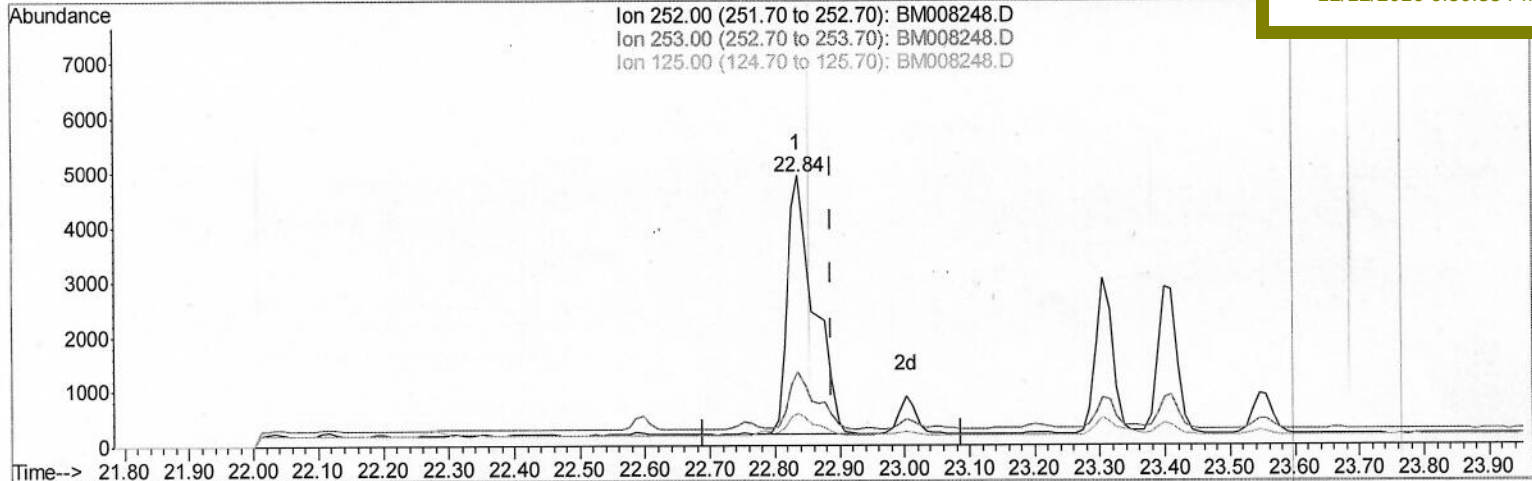
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 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7Y6DL

Quant Time: Dec 16 05:56:21 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 02:27:35 2016
 Response via : Initial Calibration

Manual Integrations
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UMANGI
 12/12/2016 6:50:38 PM



TIC: BM008248.D

(22) Benzo(k)fluoranthene
 22.836min (-0.052) 1.48ng/ul
 response 13695

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.28
125.00	17.10	11.85#
0.00	0.00	0.00