

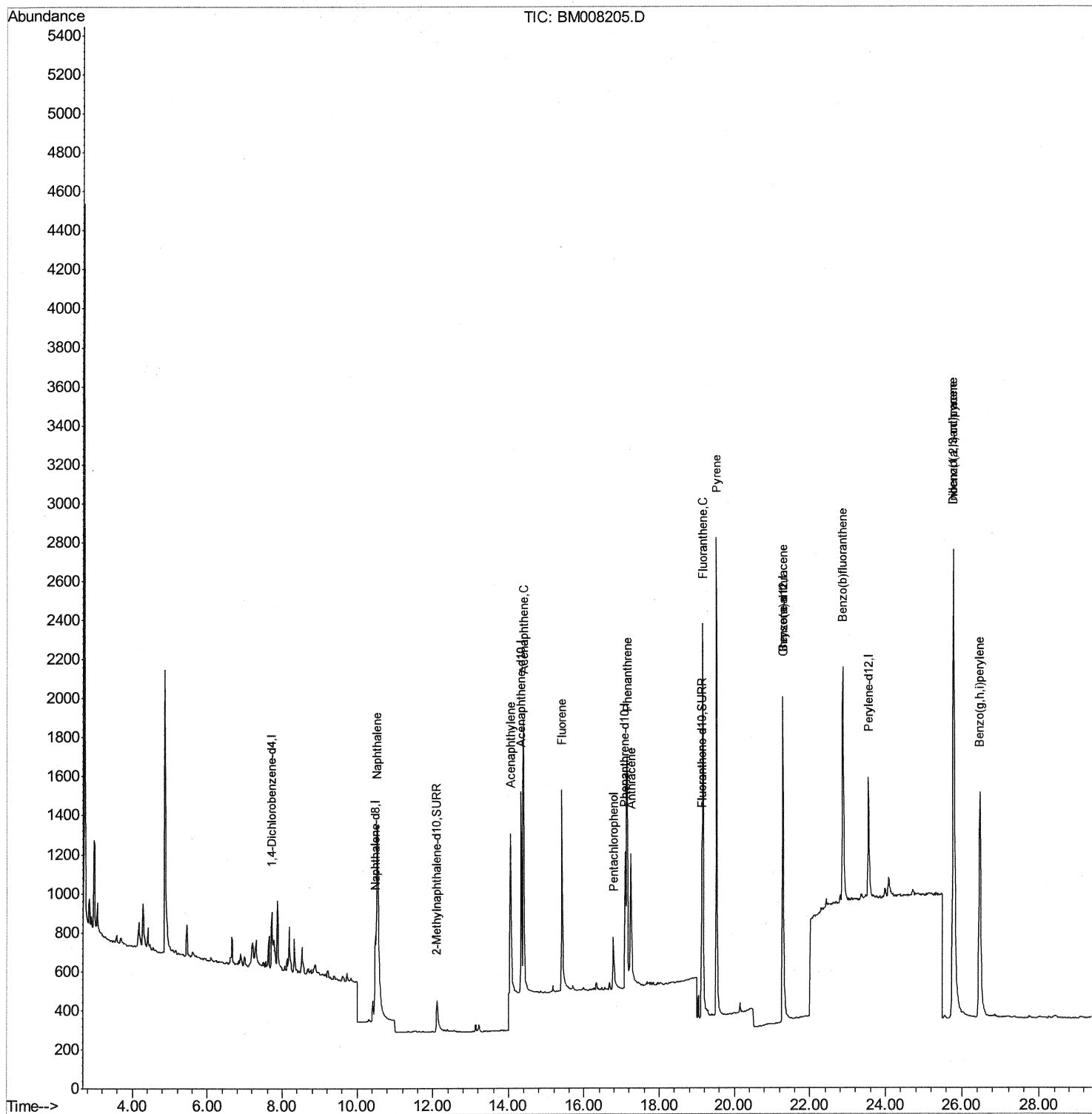
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
Data File : BM008205.D
Acq On : 09 Dec 2016 13:48
Operator : UM/SJ
Sample : H5863-23
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7X1

Manual Integrations
APPROVED

UMANGI
12/12/2016 6:49:20 PM

Quant Time: Dec 09 15:07:24 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 15:00:55 2016
Response via : Initial Calibration



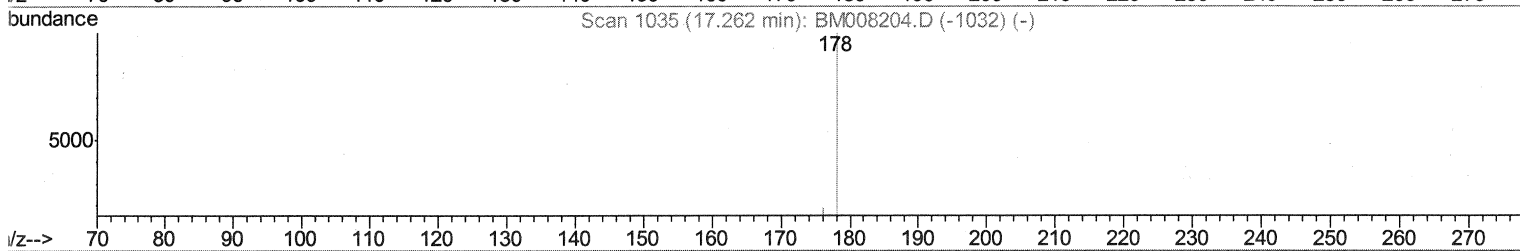
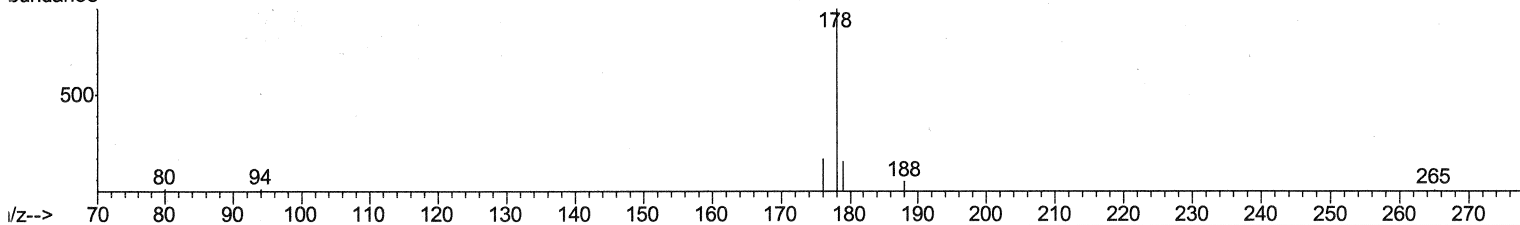
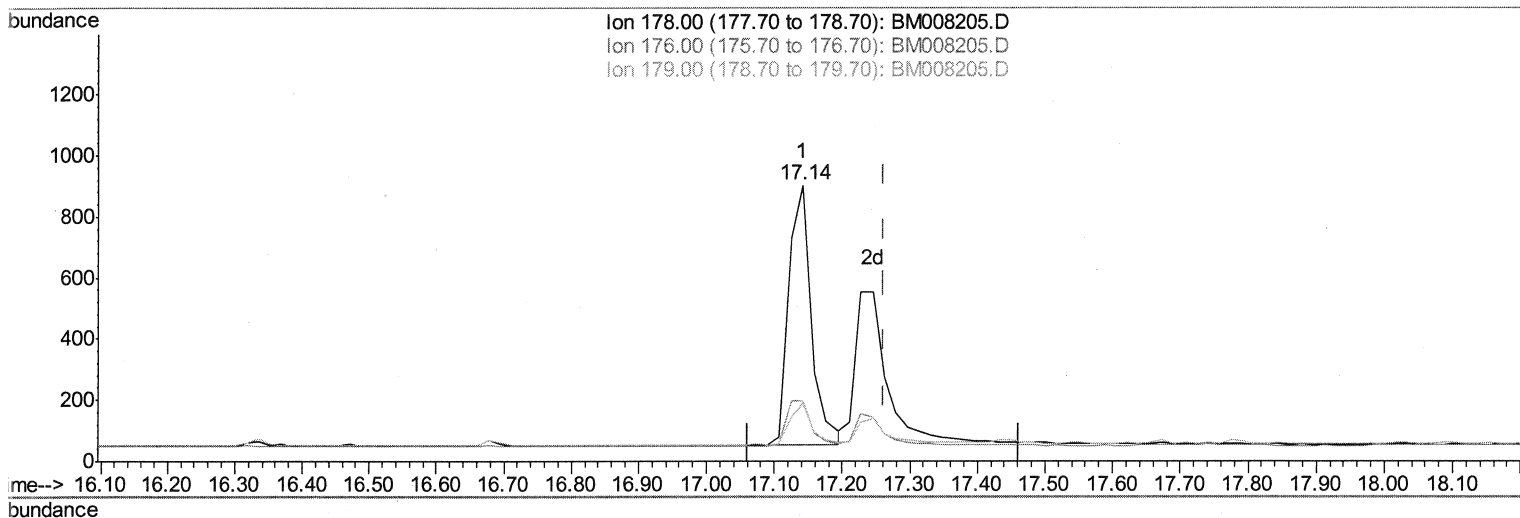
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Quant Time: Dec 09 15:03:18 2016
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QLast Update : Fri Dec 09 15:00:55 2016
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TIC: BM008205.D

(13) Anthracene

17.142min (-0.120) 0.54ng/ul

response 1974

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	21.95
179.00	18.40	21.06
0.00	0.00	0.00

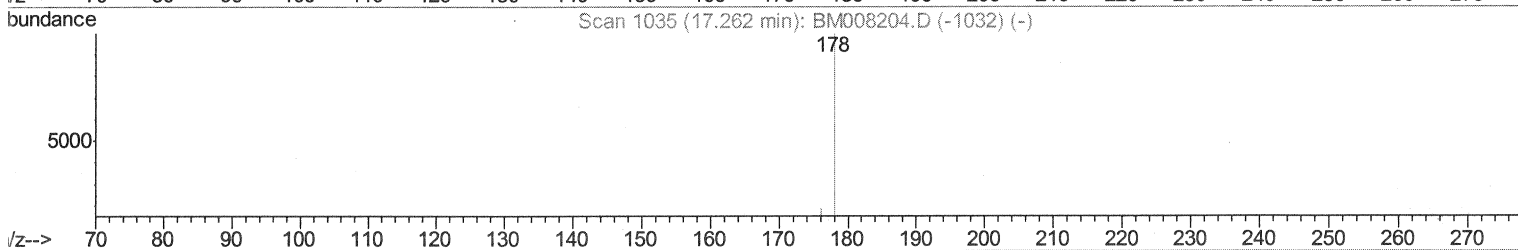
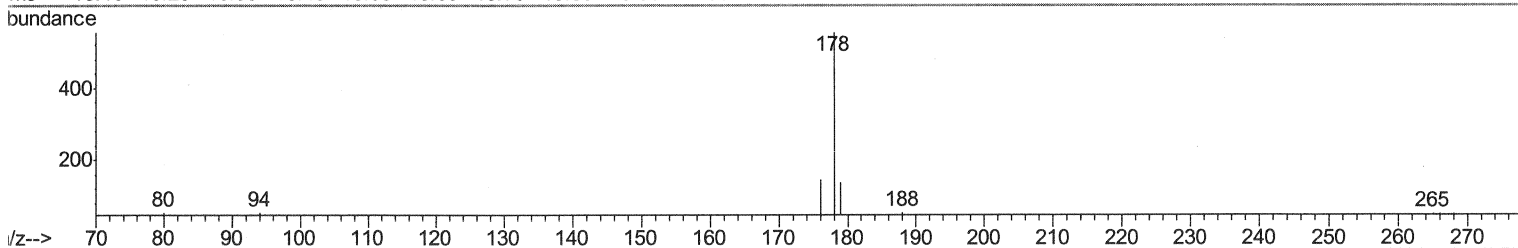
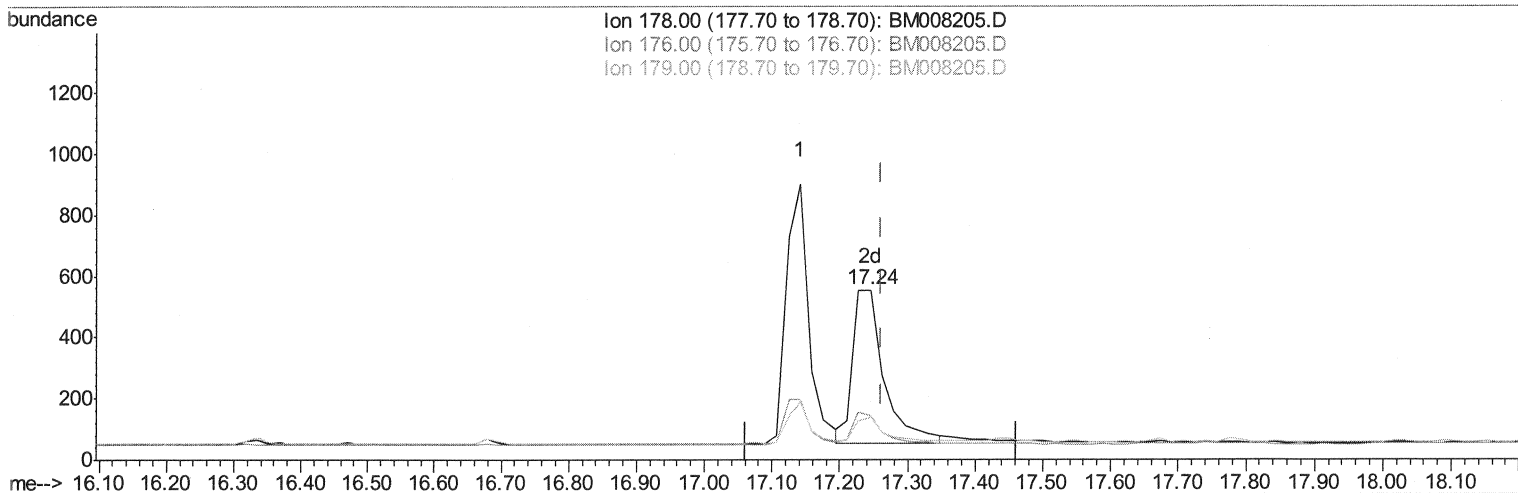
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Manual Integrations
APPROVED

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Quant Time: Dec 09 15:03:18 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 15:00:55 2016
Response via : Initial Calibration



TIC: BM008205.D

(13) Anthracene

17.245min (-0.017) 0.44ng/ul m

SJ 12/12/16

response 1614

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	25.77
179.00	18.40	24.86#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120916\
 Data File : BM008205.D
 Acq On : 09 Dec 2016 13:48
 Operator : UM/SJ
 Sample : H5863-23
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7X1

Manual Integrations
 APPROVED

UMANGI
 12/12/2016 6:49:20 PM

Quant Time: Dec 09 15:07:24 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 15:00:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	328	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	1164	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.33	164	708	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.09	188	1251	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	1077	0.40	ng/ul	-0.01
20) Perylene-d12	23.55	264	1091	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	449	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1199	0.34	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	2782	0.85	ng/ul	95
7) Acenaphthylene	14.06	152	1242	0.39	ng/ul	93
8) Acenaphthene	14.40	153	1204	0.49	ng/ul	95
9) Fluorene	15.41	166	1074	0.38	ng/ul	92
11) Pentachlorophenol	16.78	266	338	0.77	ng/ul	97
12) Phenanthrene	17.14	178	1994	0.51	ng/ul#	95
13) Anthracene	17.24	178	1614m	0.44	ng/ul	
15) Fluoranthene	19.16	202	2463	0.49	ng/ul	99
17) Pyrene	19.52	202	3048	0.82	ng/ul	98
18) Benzo(a)anthracene	21.28	228	2036	0.62	ng/ul	97
21) Benzo(b)fluoranthene	22.87	252	2143	0.49	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.79	276	3660	0.73	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.79	278	2761	0.68	ng/ul	97
26) Benzo(g,h,i)perylene	26.47	276	3174	0.71	ng/ul#	92

SJ 12/12/16

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