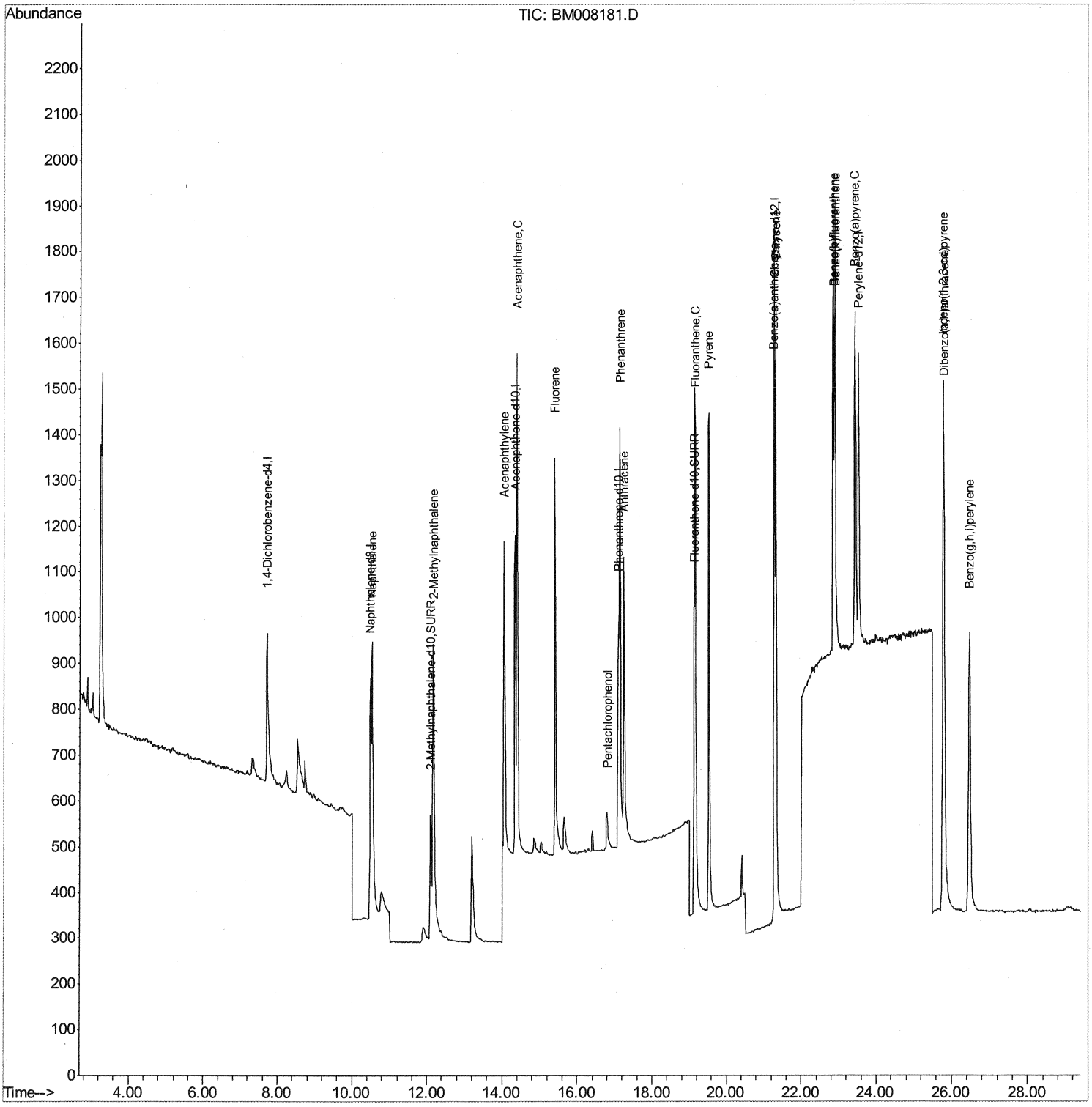
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120616\
Data File : BM008181.D
Acq On : 06 Dec 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 13:48:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.465

Manual Integrations APPROVED
sohil
12/7/2016 4:39:08 PM

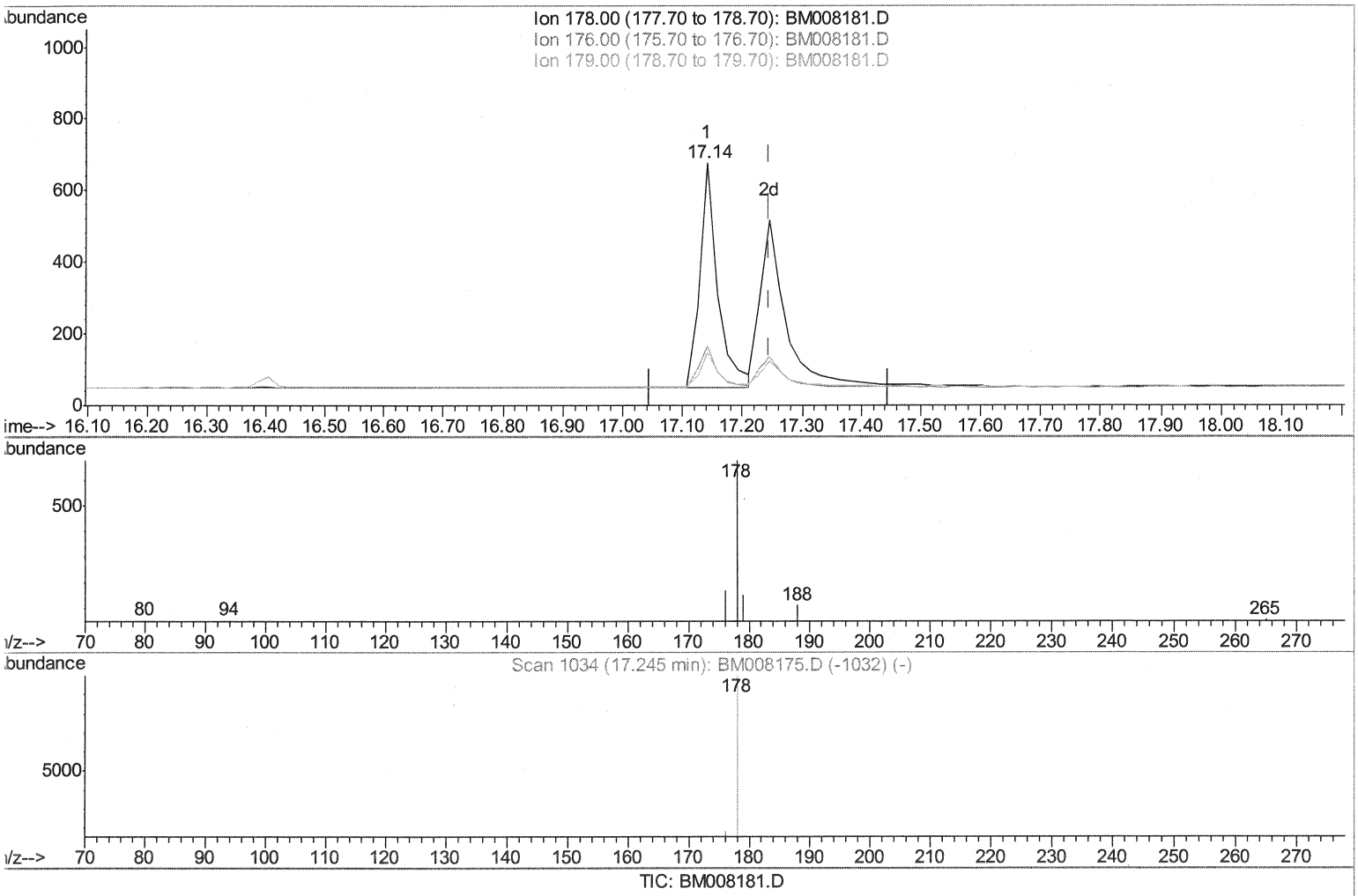


Data Path : Z:\HPCHEM1\BNA_M\Data\BM120616\
Data File : BM008181.D
Acq On : 06 Dec 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 13:24:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.465

Manual Integrations APPROVED
sohil
12/7/2016 4:39:08 PM



TIC: BM008181.D

(13) Anthracene

17.142min (-0.103) 0.40ng/ul

response 1321

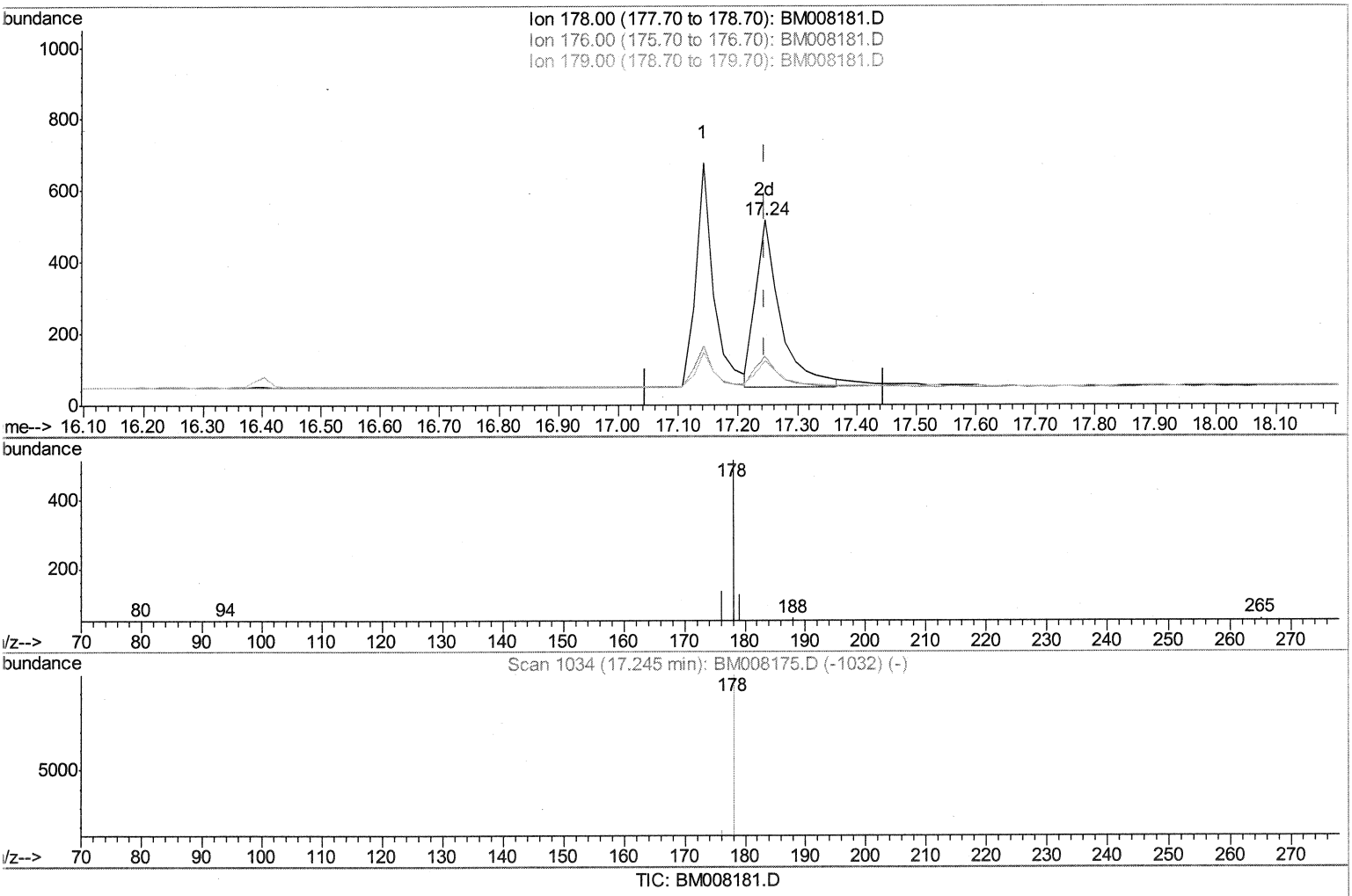
Ion	Exp%	Act%
178.00	100	100
176.00	22.60	24.78
179.00	18.40	21.98
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120616\
Data File : BM008181.D
Acq On : 06 Dec 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 13:24:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD0.465

Manual Integrations APPROVED
sohil
12/7/2016 4:39:08 PM



TIC: BM008181.D

(13) Anthracene

17.245min (-0.000) 0.41ng/ul m SJ 12/8/16

response 1342

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	26.11
179.00	18.40	23.98#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120616\
Data File : BM008181.D
Acq On : 06 Dec 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 13:48:46 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 03 04:54:05 2016
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD0.465

Manual Integrations APPROVED
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12/7/2016 4:39:08 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	377	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	1222	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	642	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1131	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	1088	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	1086	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.10	152	661	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1168	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.55	128	1311	0.38	ng/ul#	86
5) 2-Methylnaphthalene	12.17	142	812	0.37	ng/ul	96
7) Acenaphthylene	14.06	152	1135	0.39	ng/ul#	89
8) Acenaphthene	14.40	153	842	0.38	ng/ul	95
9) Fluorene	15.41	166	903	0.36	ng/ul#	88
11) Pentachlorophenol	16.80	266	128	0.32	ng/ul	89
12) Phenanthrene	17.14	178	1332	0.38	ng/ul#	93
13) Anthracene	17.24	178	1342m	0.41	ng/ul	
15) Fluoranthene	19.17	202	1555	0.34	ng/ul	92
17) Pyrene	19.53	202	1632	0.43	ng/ul#	94
18) Benzo(a)anthracene	21.27	228	1359	0.41	ng/ul	92
19) Chrysene	21.32	228	1534	0.37	ng/ul	93
21) Benzo(b)fluoranthene	22.86	252	1600	0.37	ng/ul	92
22) Benzo(k)fluoranthene	22.90	252	1588	0.36	ng/ul#	91
23) Benzo(a)pyrene	23.43	252	1542	0.38	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.79	276	1890	0.38	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.80	278	1494	0.37	ng/ul#	90
26) Benzo(g,h,i)perylene	26.46	276	1699	0.38	ng/ul	93

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

SJ 12/8/16