

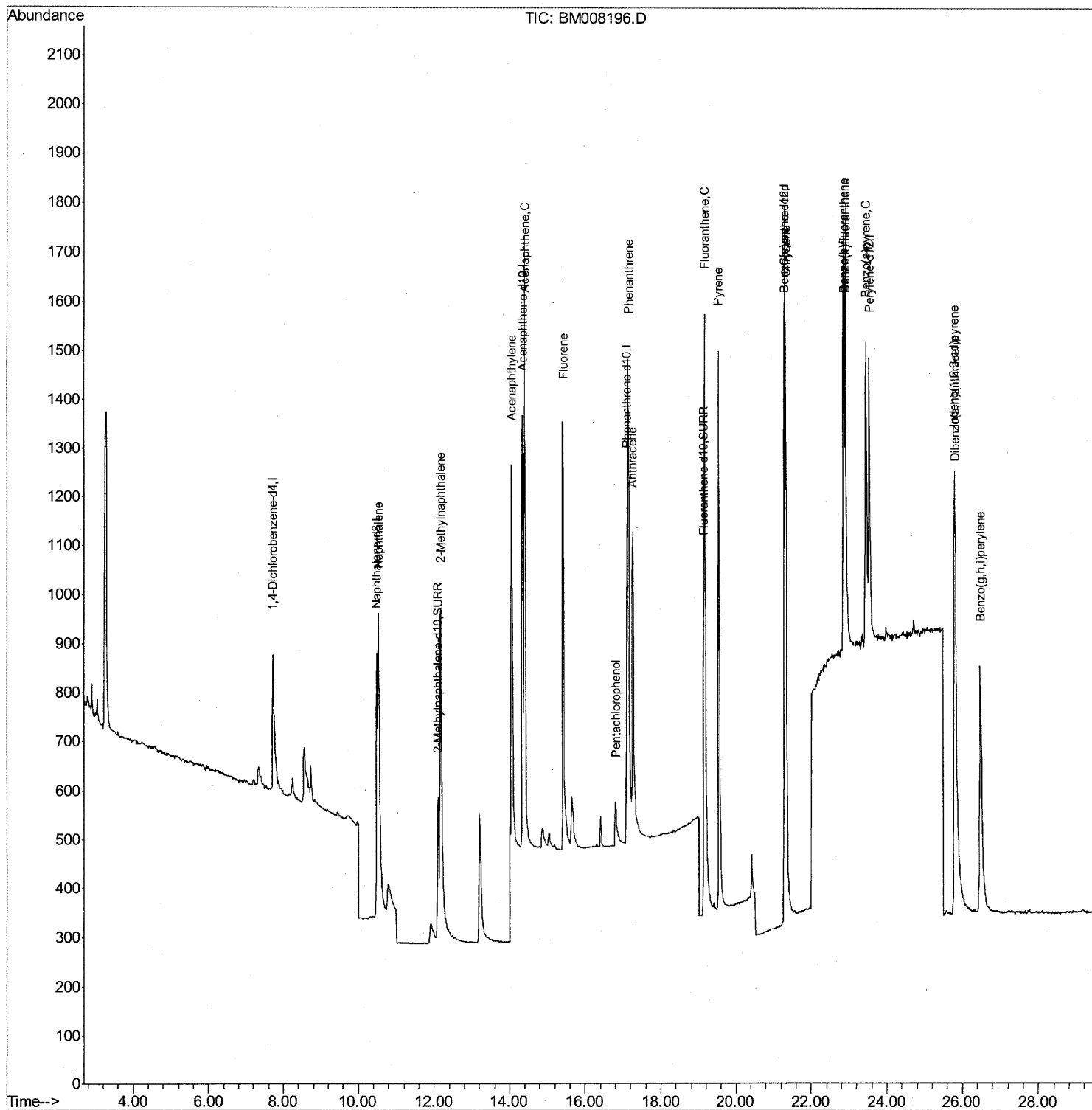
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120816\
Data File : BM008196.D
Acq On : 08 Dec 2016 10:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD0.434

Manual Integrations
APPROVED

sohil
12/8/2016 6:46:03 PM

Quant Time: Dec 08 14:16:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 14:11:34 2016
Response via : Initial Calibration



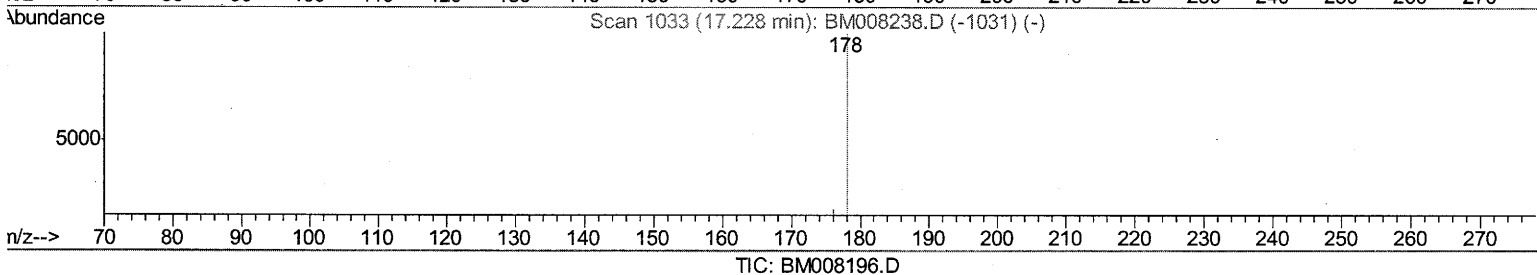
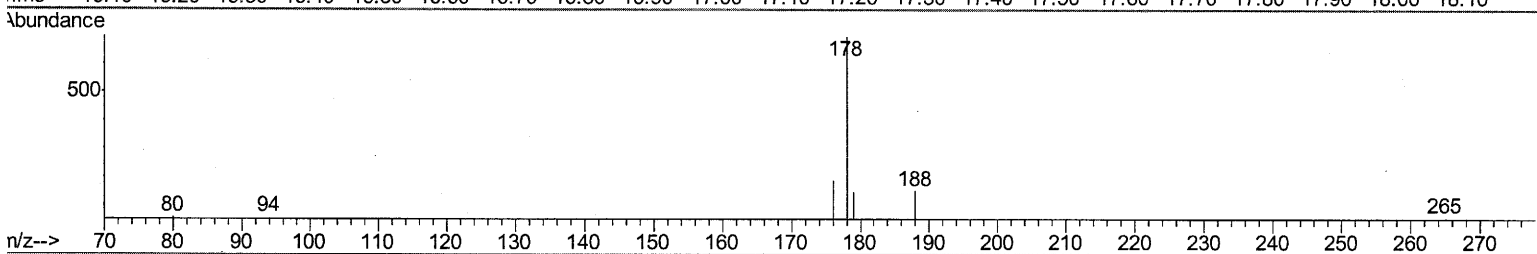
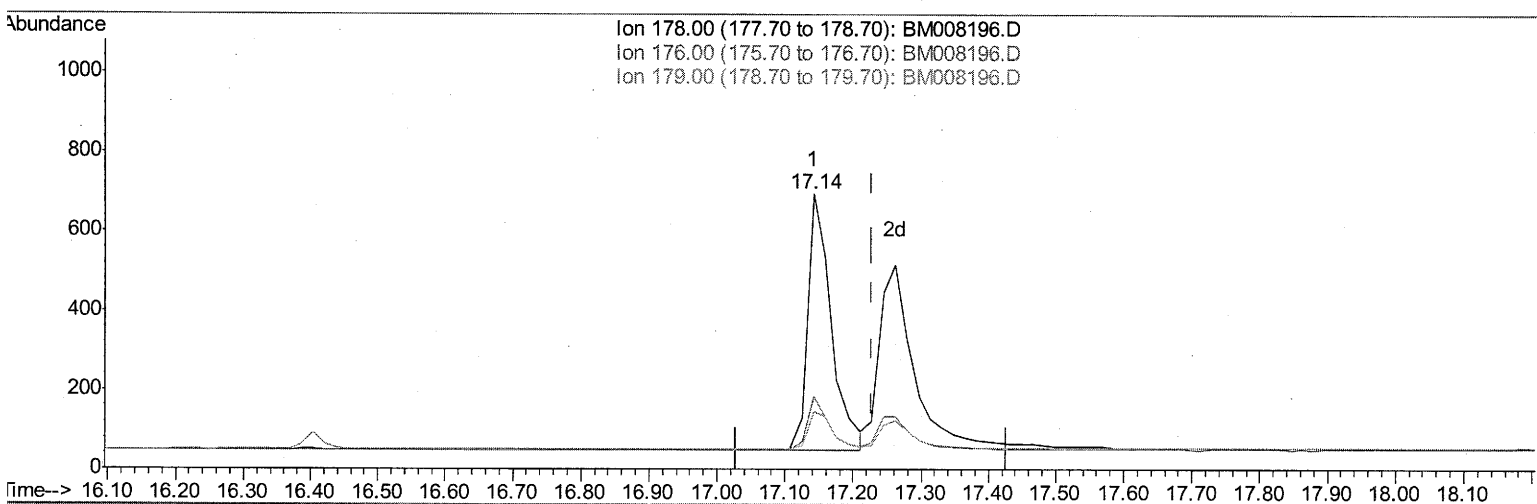
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120816\
Data File : BM008196.D
Acq On : 08 Dec 2016 10:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampled :
SSTD0.434

Manual Integrations
APPROVED

sohil
12/8/2016 6:46:03 PM

Quant Time: Dec 12 06:44:58 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



(13) Anthracene

17.142min (-0.086) 0.45ng/ul

response 1560

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	26.29
179.00	18.40	21.12
0.00	0.00	0.00

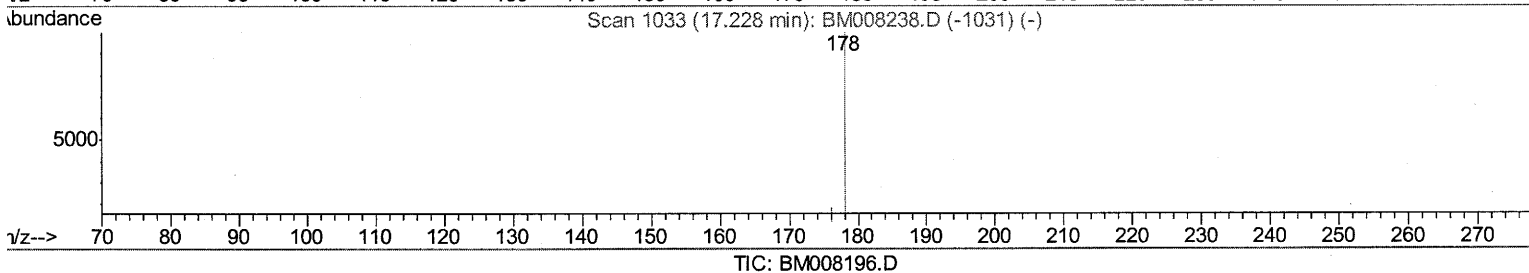
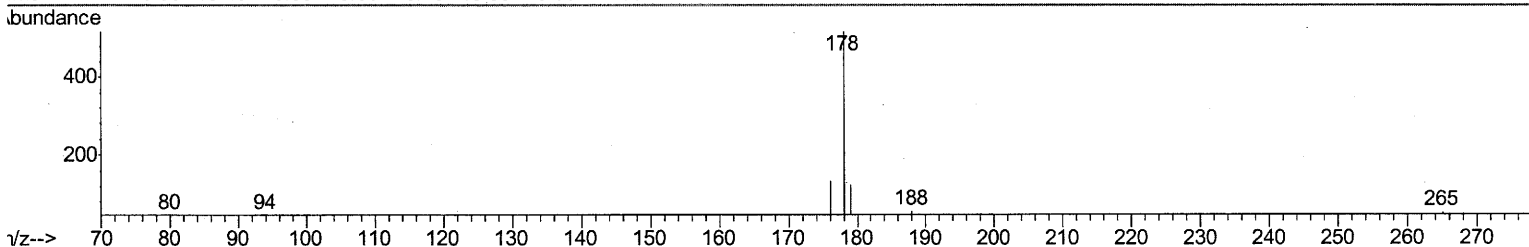
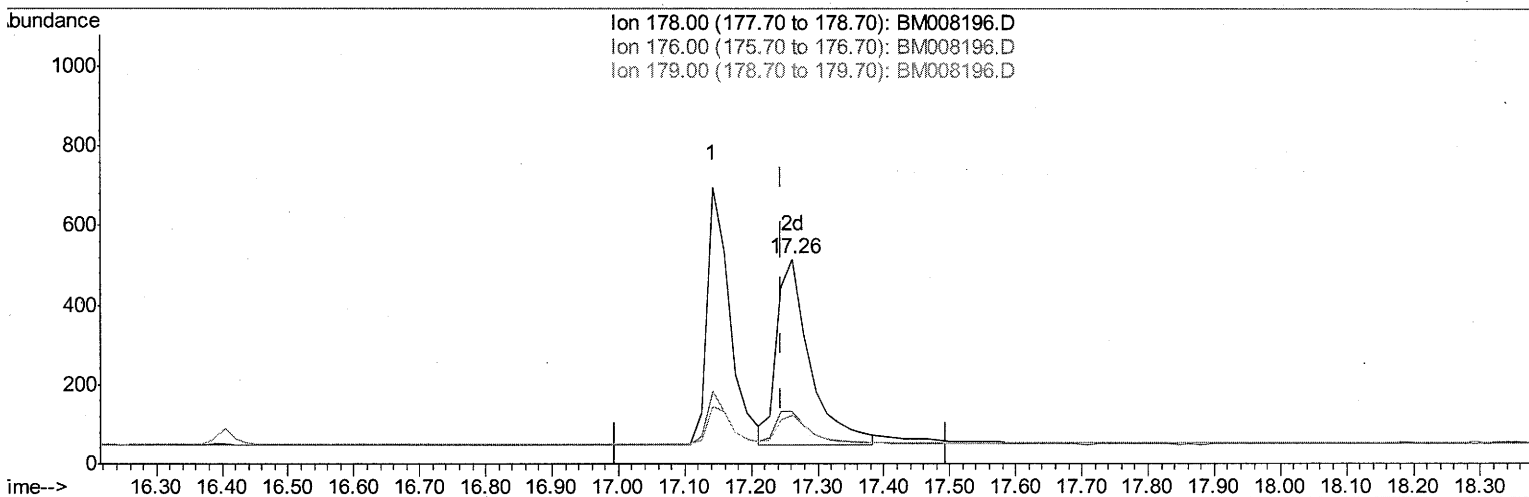
Data Path : Z:\HPCHEM1\BNA_M\Data\BM120816\
Data File : BM008196.D
Acq On : 08 Dec 2016 10:40
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleID :
SSTD0.434

Manual Integrations
APPROVED

sohil
12/8/2016 6:46:03 PM

Quant Time: Dec 08 14:16:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 14:11:34 2016
Response via : Initial Calibration



(13) Anthracene

17.262min (+0.017) 0.40ng/ul m

51 12/12/16

response 1642

Ion	Exp%	Act%
178.00	100	100
176.00	22.60	25.73
179.00	18.40	24.18#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM120816\
 Data File : BM008196.D
 Acq On : 08 Dec 2016 10:40
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD0.434

Manual Integrations
 APPROVED

sohil
 12/8/2016 6:46:03 PM

Quant Time: Dec 08 14:16:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 08 14:11:34 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	350	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	1305	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	787	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1389	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	1057	0.40	ng/ul	0.01
20) Perylene-d12	23.55	264	1073	0.40	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	756	0.41	ng/ul	0.01
14) Fluoranthene-d10	19.14	212	1270	0.32	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.55	128	1408	0.39	ng/ul#	85
5) 2-Methylnaphthalene	12.18	142	935	0.40	ng/ul	97
7) Acenaphthylene	14.06	152	1396	0.39	ng/ul#	91
8) Acenaphthene	14.40	153	1024	0.38	ng/ul	93
9) Fluorene	15.43	166	1173	0.38	ng/ul#	97
11) Pentachlorophenol	16.80	266	142	0.29	ng/ul	90
12) Phenanthrene	17.14	178	1569	0.36	ng/ul#	92
13) Anthracene	17.26	178	1642m	0.40	ng/ul	92
15) Fluoranthene	19.17	202	1709	0.31	ng/ul	93
17) Pyrene	19.53	202	1798	0.49	ng/ul	92
18) Benzo(a)anthracene	21.29	228	1286	0.40	ng/ul#	93
19) Chrysene	21.34	228	1551	0.38	ng/ul	92
21) Benzo(b)fluoranthene	22.87	252	1471	0.34	ng/ul	92
22) Benzo(k)fluoranthene	22.91	252	1648	0.37	ng/ul#	91
23) Benzo(a)pyrene	23.45	252	1484	0.37	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.81	276	1845	0.37	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.82	278	1436	0.36	ng/ul#	81
26) Benzo(g,h,i)perylene	26.48	276	1639	0.37	ng/ul#	93

SJ 12/12/16

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