

Quantitation Report (QT Reviewed)

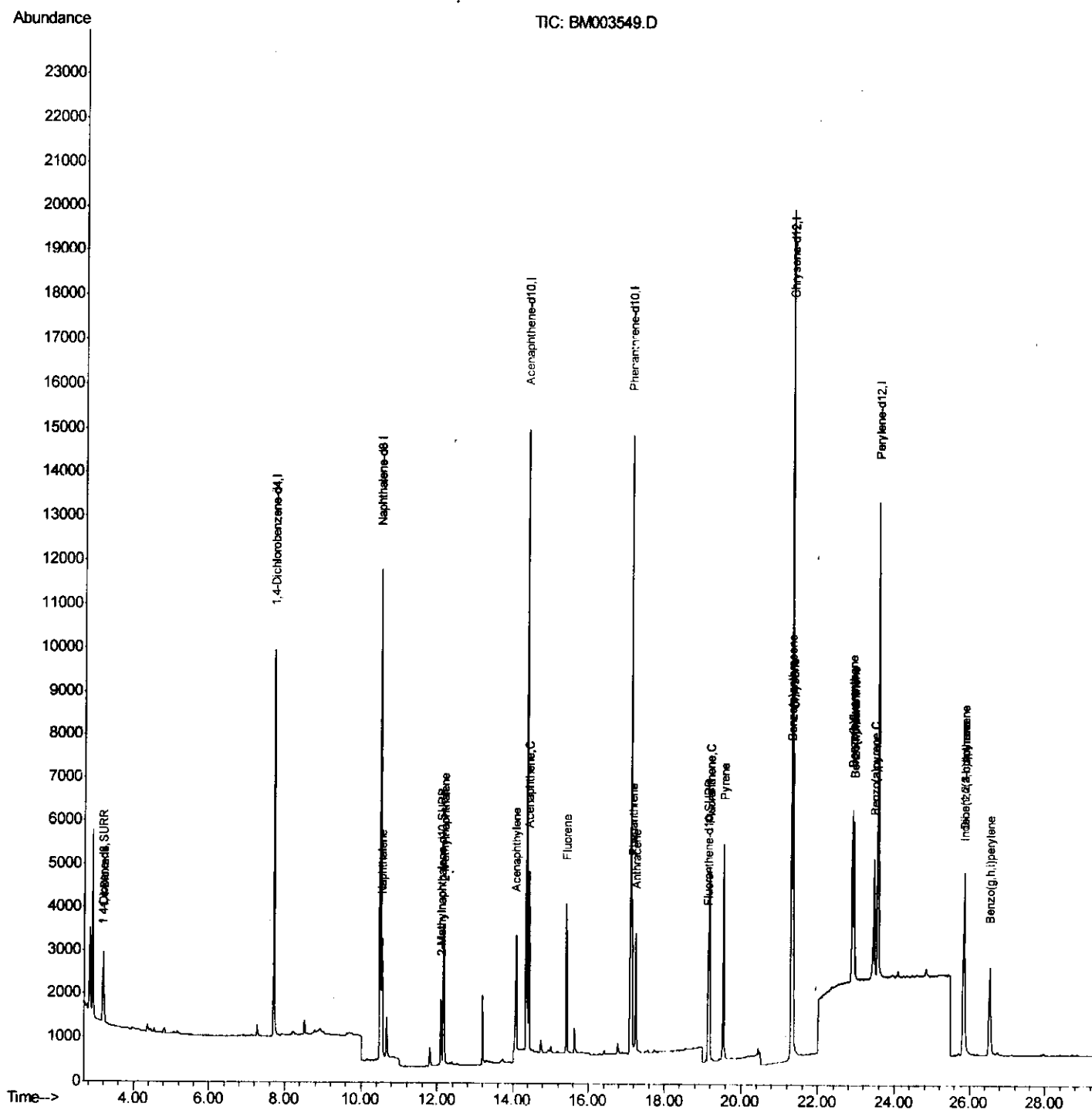
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SSTD0.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.147

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM

Quant Time: Dec 15 17:48:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration



Quantitation Report (Qedit)

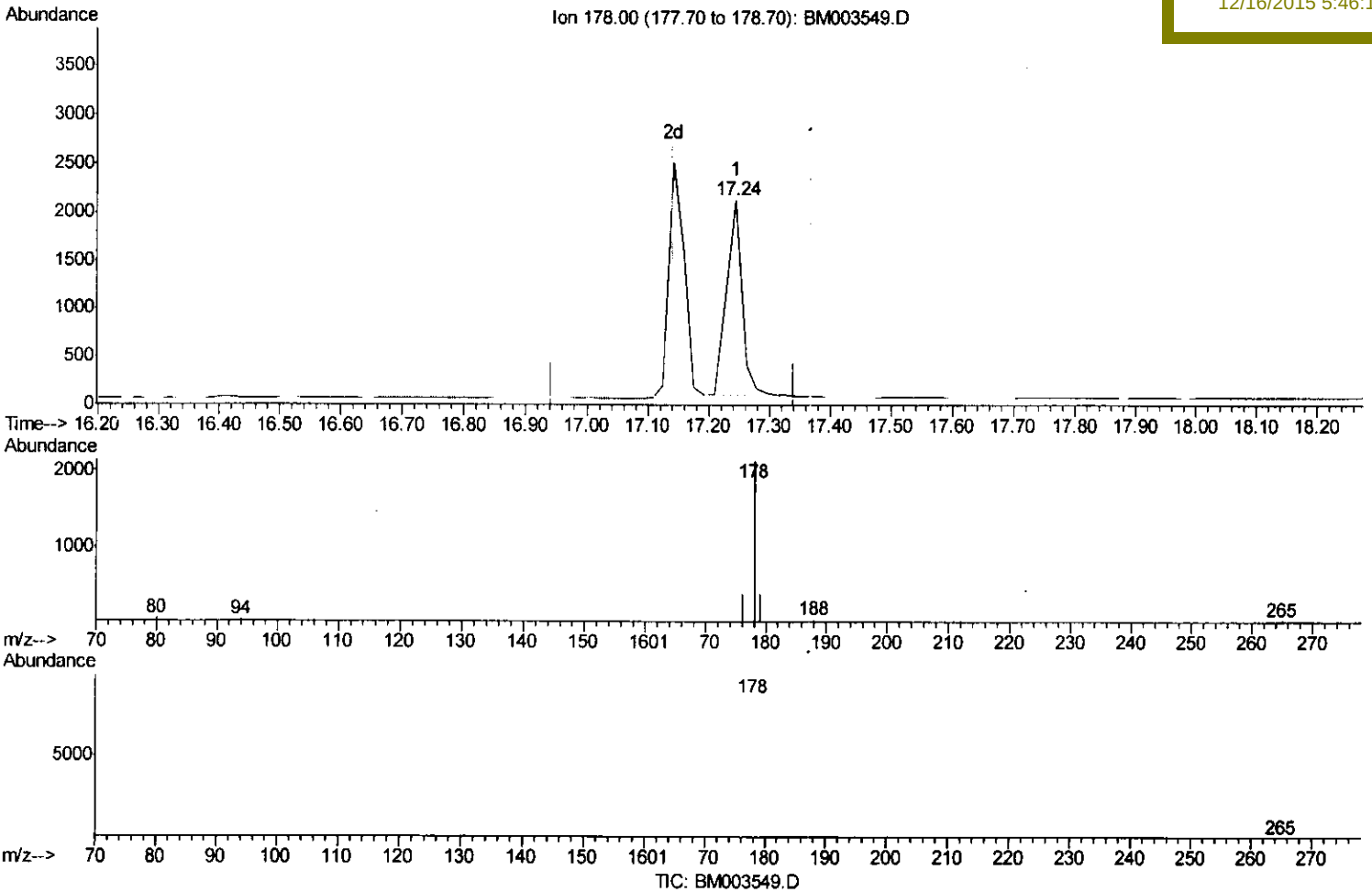
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SSTD0.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.147

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM

Quant Time: Dec 15 17:45:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration



(14) Phenanthrene

17.245min (+0.103) 0.07ng/ul

response 3526

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	19.22
179.00	17.70	19.45
0.00	0.00	0.00

Quantitation Report (Qedit)

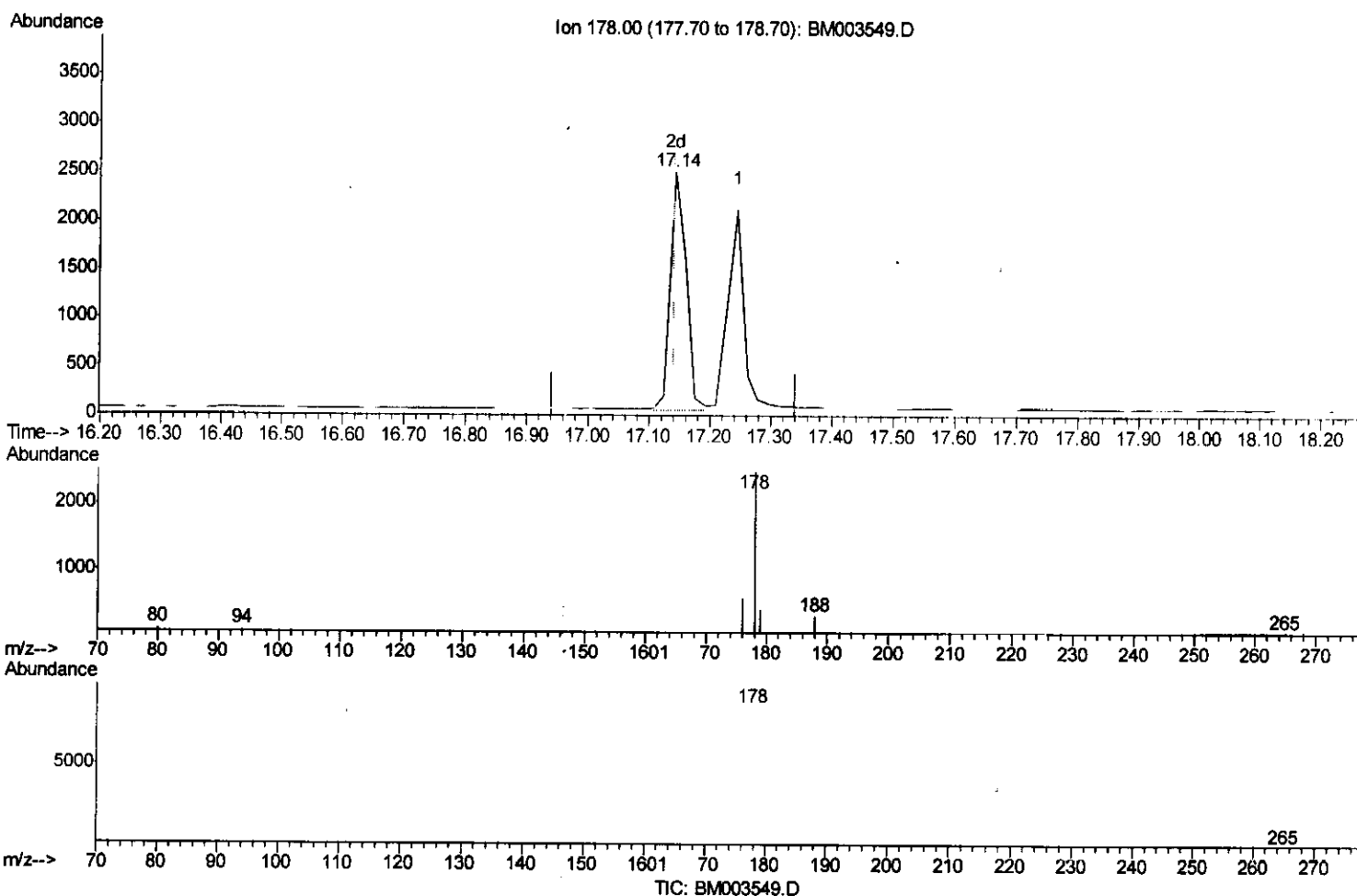
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SSTDO.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDO.147

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM

Quant Time: Dec 15 17:45:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration



(14) Phenanthrene

17.142min (-0.000) 0.09ng/ul m U.M
 response 4478
 12/17/15

Ion	Exp%	Act%
178.00	100	100
176.00	16.20	22.58#
179.00	17.70	16.25
0.00	0.00	0.00

Quantitation Report (Qedit)

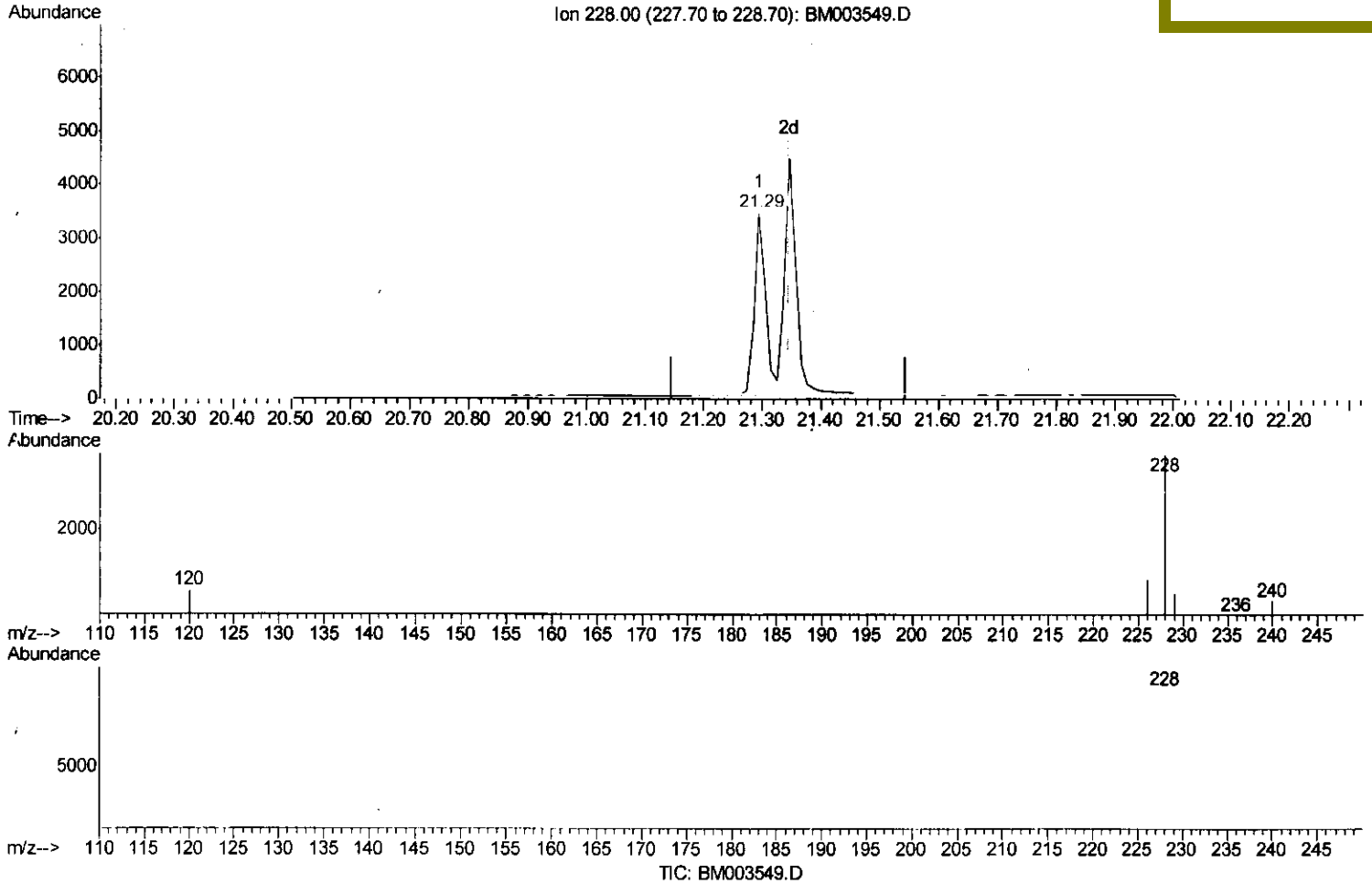
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SSTD0.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.147

Quant Time: Dec 15 17:45:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM



(21) Chrysene

21.294min (-0.052) 0.08ng/ul

response 4743

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	28.84
229.00	21.30	20.84
0.00	0.00	0.00

Quantitation Report (Qedit)

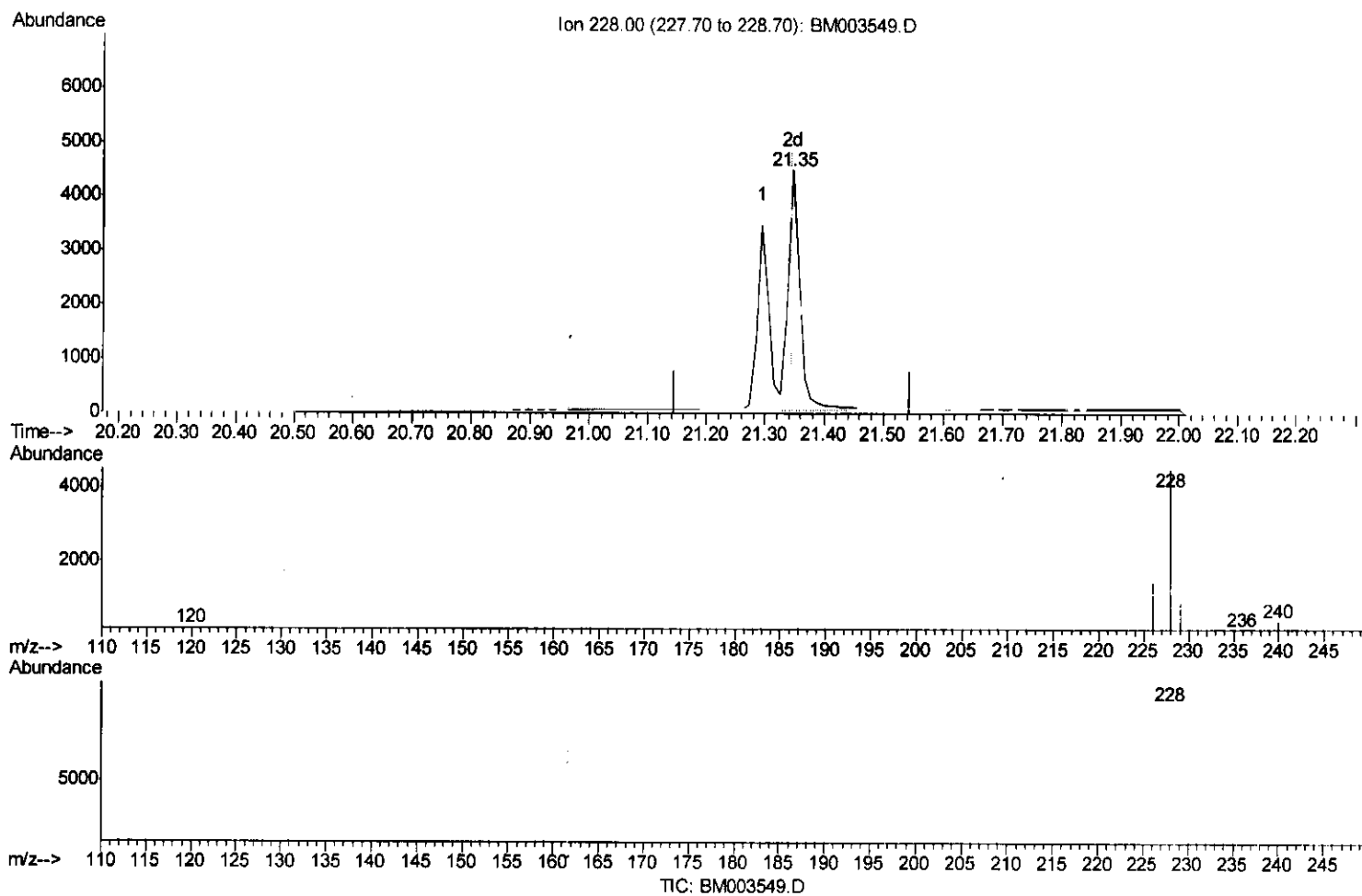
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SST0.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 SST0.147

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM

Quant Time: Dec 15 17:45:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration



(21) Chrysene

21.346min (-0.000) 0.10ng/ul m U.M

response 6300

12/17/15

Ion	Exp%	Act%
228.00	100	100
226.00	26.50	32.04#
229.00	21.30	20.29
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121515\
 Data File : BM003549.D
 Acq On : 15 Dec 2015 15:23
 Operator : UM/IZ
 Sample : SSTD0.147
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.147

Manual Integrations
 APPROVED

MMdadoda
 12/16/2015 5:46:13 PM

Quant Time: Dec 15 17:48:35 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 17:40:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4998	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	18013	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	8761	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	18035	0.40	ng/ul	0.00
18) Chrysene-d12	21.31	240	18389	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	15162	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	1046	0.20	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	2158	0.09	ng/ul	0.00
16) Fluoranthene-d10	19.14	212	3711	0.08	ng/ul	0.00
Target Compounds						
					Ovalue	
3) 1,4-Dioxane	3.21	88	1473	0.24	ng/ul#	100
5) Naphthalene	10.55	128	3989	0.09	ng/ul#	92
7) 2-Methylnaphthalene	12.17	142	2609	0.09	ng/ul	100
9) Acenaphthylene	14.07	152	3183	0.09	ng/ul#	96
10) Acenaphthene	14.42	153	2566	0.08	ng/ul#	83
11) Fluorene	15.41	166	2803	0.08	ng/ul#	78
14) Phenanthrene	17.14	178	4478m	0.09	ng/ul	
15) Anthracene	17.24	178	3756	0.09	ng/ul#	94
17) Fluoranthene	19.18	202	4658	0.08	ng/ul	94
19) Pyrene	19.54	202	4840	0.08	ng/ul#	95
20) Benzo(a)anthracene	21.29	228	4754	0.09	ng/ul#	94
21) Chrysene	21.35	228	6300m	0.10	ng/ul	
23) Benzo(b)fluoranthene	22.89	252	5436	0.09	ng/ul	79
24) Benzo(k)fluoranthene	22.93	252	4931	0.09	ng/ul#	80
25) Benzo(a)pyrene	23.46	252	4273	0.08	ng/ul#	70
26) Indeno(1,2,3-cd)pyrene	25.84	276	5212	0.09	ng/ul#	90
27) Dibenzo(a,h)anthracene	25.85	278	4152	0.08	ng/ul#	80
28) Benzo(a,h,i)perylene	26.54	276	4587	0.09	ng/ul#	91

U.M
 12/17/15

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