

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
 Data File : BM005518.D
 Acq On : 20 May 2016 03:22
 Operator : UM/SJ
 Sample : H2890-16 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9WY6

Manual Integrations
 APPROVED

sohil
 5/20/2016 7:18:35 PM

Quant Time: May 20 04:36:07 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 20 01:00:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	63765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	363275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	264088	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	731305	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1152284	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1353918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	954	0.58	ng/uL	0.01
5) Phenol-d5	7.00	99	26700	4.36	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	13987	4.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	19830	4.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	24778	4.75	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	10436	3.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	11103	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	25636	4.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	36567	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	96528	4.45	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	115797	4.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	928	0.21	ng/ul	0.02
57) Fluorene-d10	15.46	176	97744	5.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	173449	5.16	ng/ul	0.00
76) Pyrene-d10	19.60	212	234026	5.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	328339	5.42	ng/ul	0.00

Target Compounds

						Qvalue
34) 2-Methylnaphthalene	12.29	142	40901	2.82	ng/ul	96
44) Dimethylphthalate	13.92	163	36484	1.65	ng/ul	97
60) 4-Nitroaniline	15.53	138	9650	1.81	ng/ul#	76
69) Phenanthrene	17.25	178	61487	1.48	ng/ul	95
73) Di-n-butylphthalate	18.17	149	165164	3.58	ng/ul	99
74) Fluoranthene	19.26	202	141619	2.91	ng/ul#	95
77) Pyrene	19.63	202	120490	1.95	ng/ul#	92
79) 3,3'-Dichlorobenzidine	21.30	252	81120	3.68	ng/ul	96
80) Benzo(a)anthracene	21.37	228	83729	1.24	ng/ul	96
82) Chrysene	21.42	228	78316m	1.22	ng/ul	
85) Benzo(b)fluoranthene	22.99	252	122670	1.58	ng/ul#	91
88) Benzo(a)pyrene	23.57	252	89674	1.16	ng/ul#	87

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

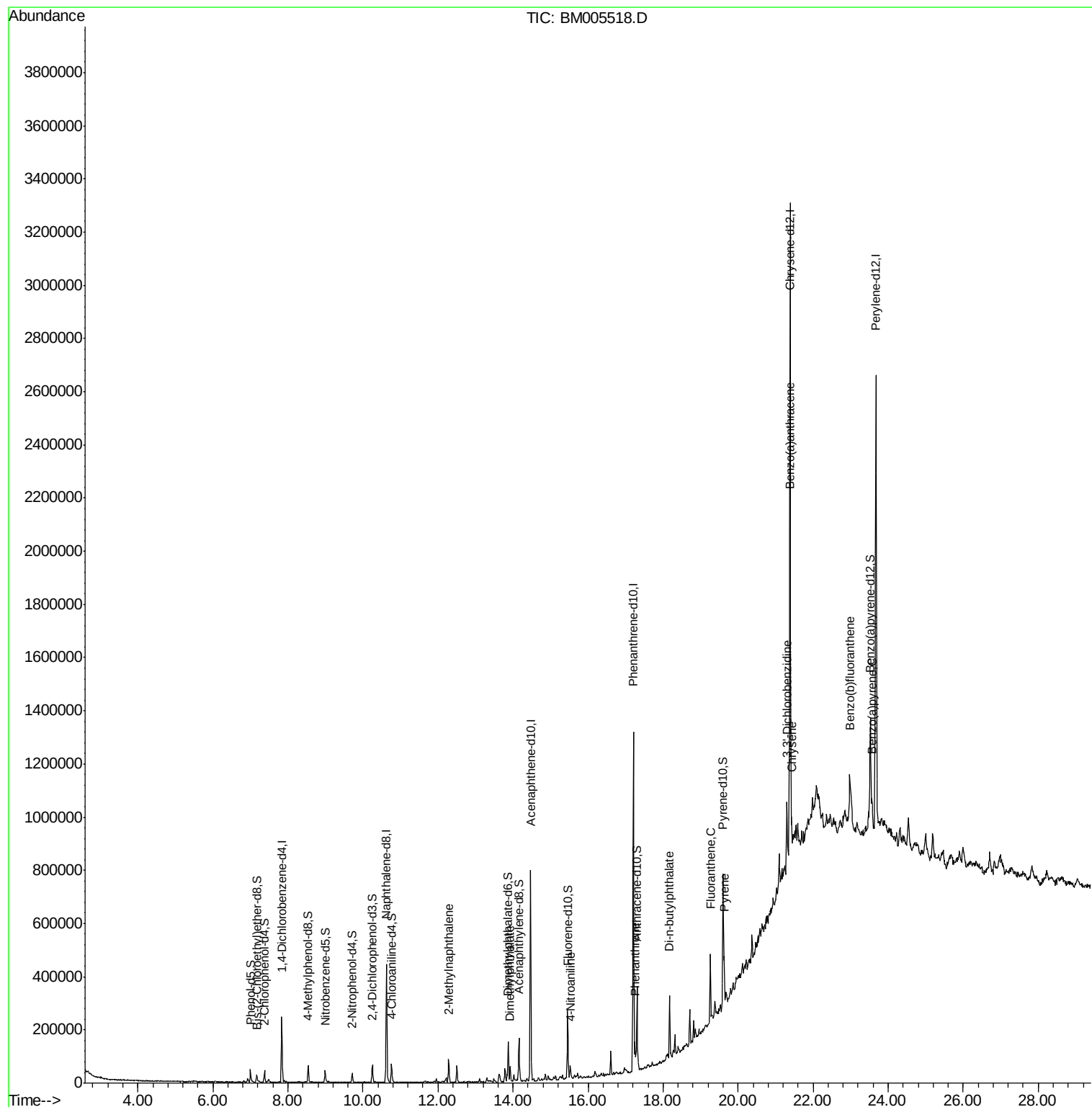
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005518.D
Acq On : 20 May 2016 03:22
Operator : UM/SJ
Sample : H2890-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations
APPROVED

sohil
5/20/2016 7:18:35 PM

Quant Time: May 20 04:36:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration



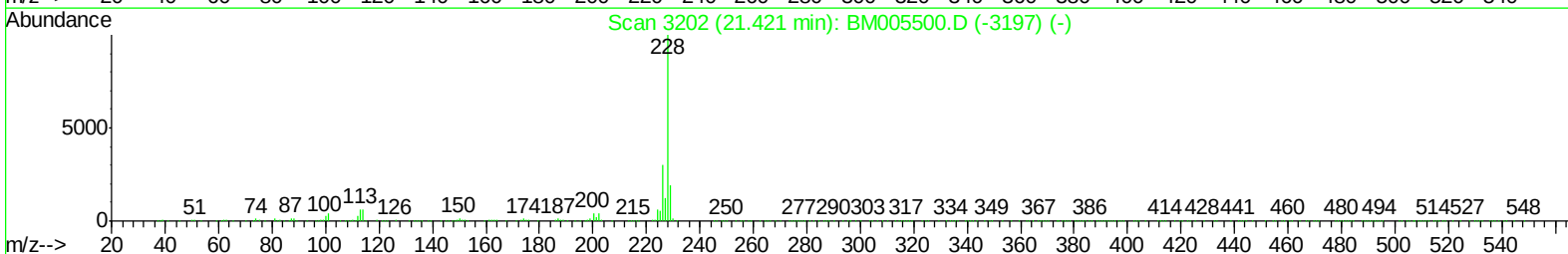
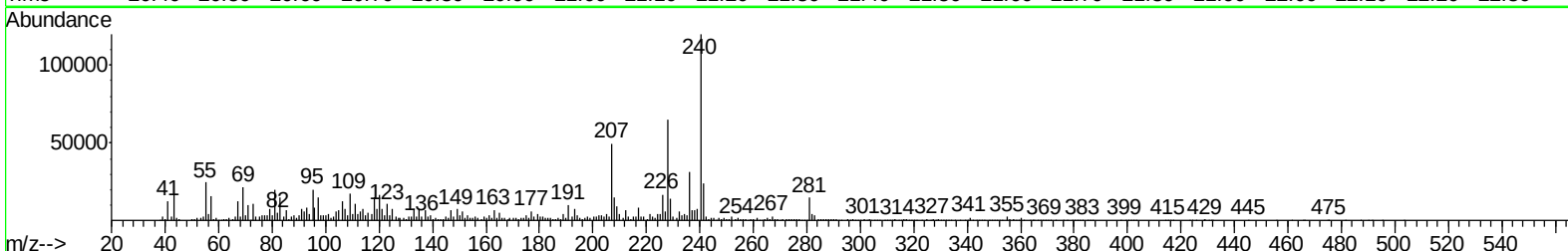
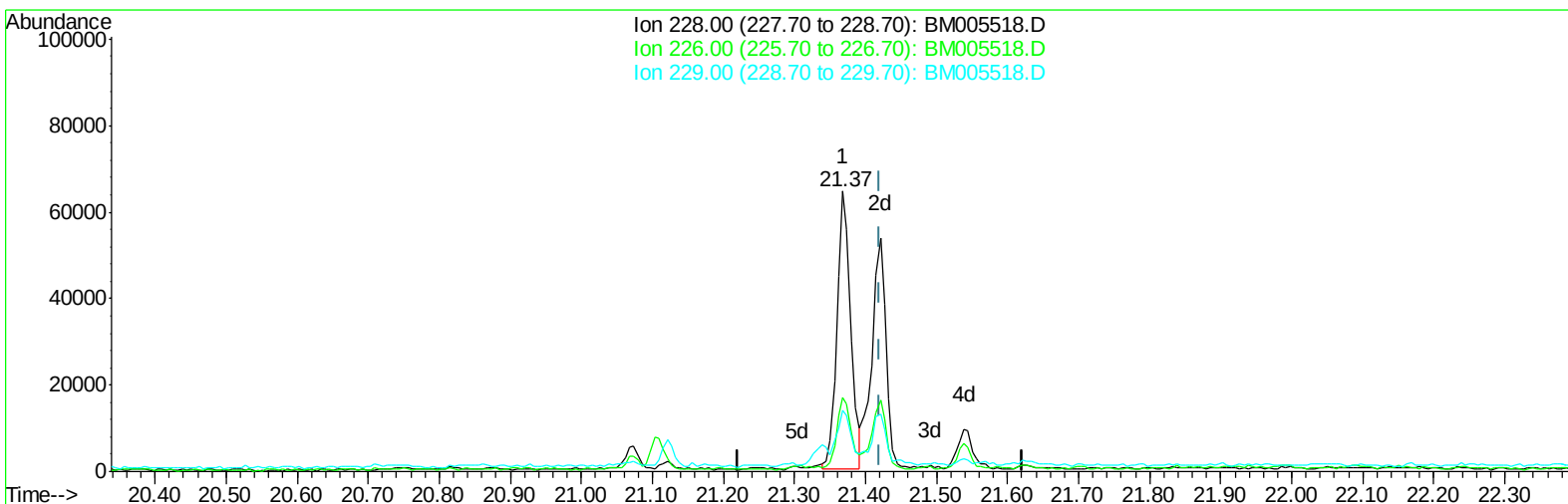
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005518.D
Acq On : 20 May 2016 03:22
Operator : UM/SJ
Sample : H2890-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations
APPROVED

sohil
5/20/2016 7:18:35 PM

Quant Time: May 20 04:34:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration



TIC: BM005518.D

(82) Chrysene

21.368min (-0.053) 1.36ng/ul

response 87212

Ion	Exp%	Act%
228.00	100	100
226.00	29.50	26.17
229.00	19.20	21.86
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005518.D
Acq On : 20 May 2016 03:22
Operator : UM/SJ
Sample : H2890-16 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

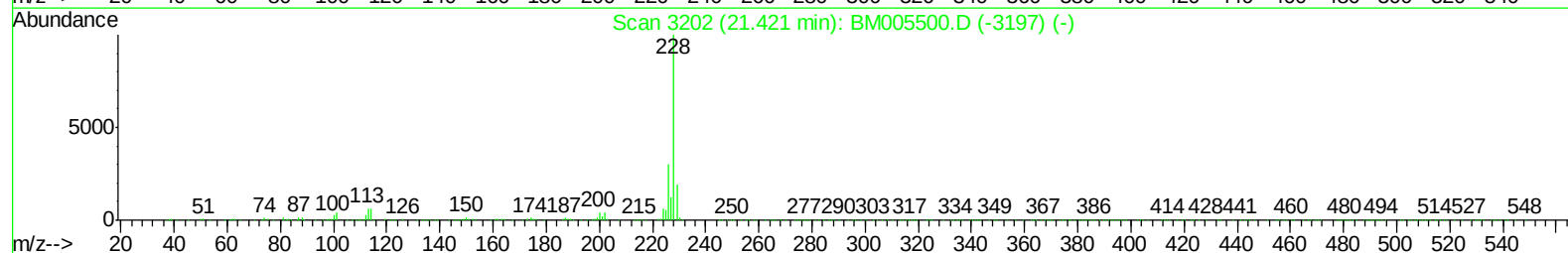
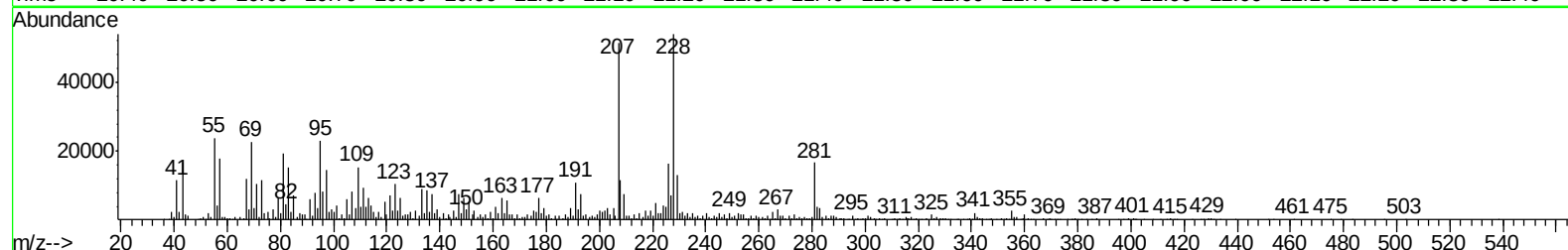
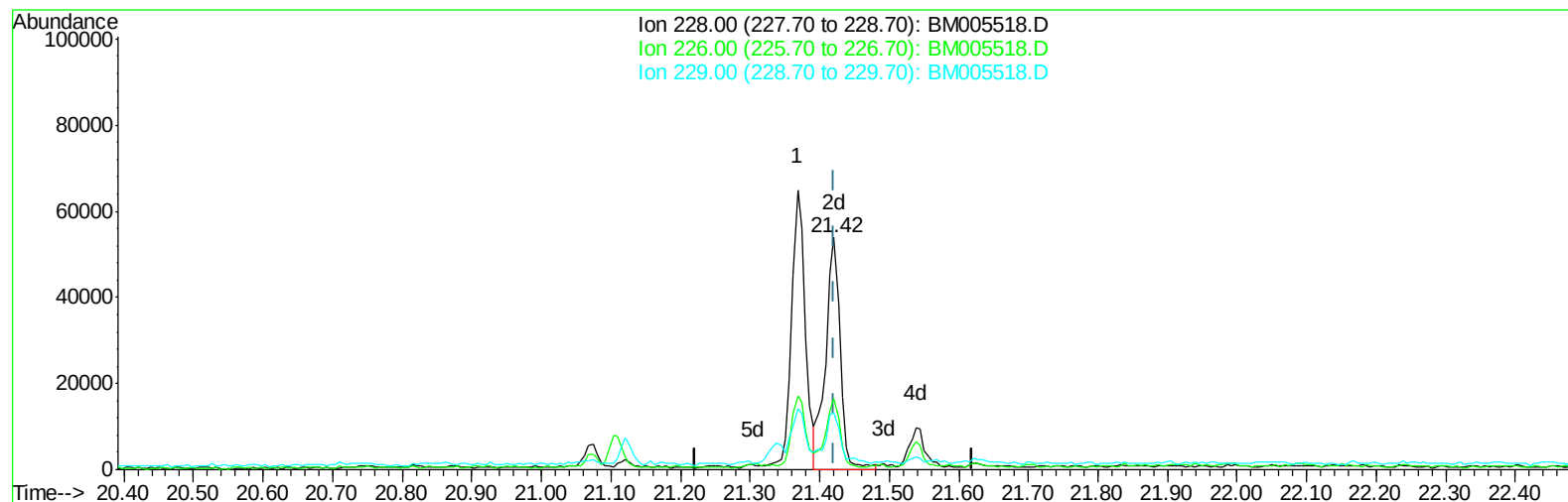
Instrument :
BNA_M
ClientSampleId :
D9WY6

Manual Integrations
APPROVED

sohil
5/20/2016 7:18:35 PM

Quant Time: May 20 04:34:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Ion 228.00 (227.70 to 228.70): BM005518.D
Ion 226.00 (225.70 to 226.70): BM005518.D
Ion 229.00 (228.70 to 229.70): BM005518.D



TIC: BM005518.D

(82) Chrysene

21.421min (-0.000) 1.22ng/ul m

response 78316

Ion	Exp%	Act%
228.00	100	100
226.00	29.50	30.68
229.00	19.20	24.61#
0.00	0.00	0.00