Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 08:16:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
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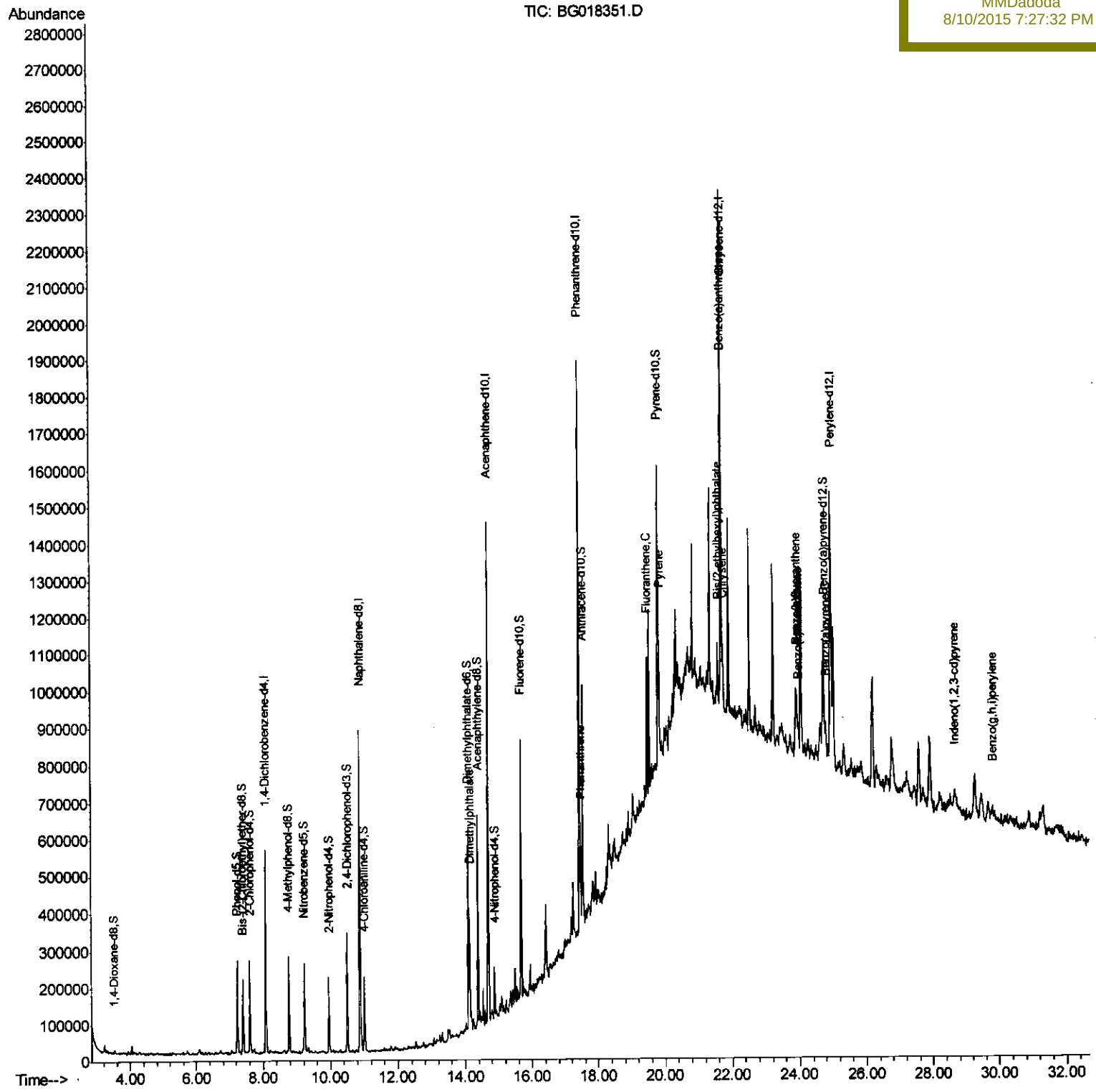
8/10/2015 7:27:32 PM

TIC: BG018351.D



Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 07:55:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
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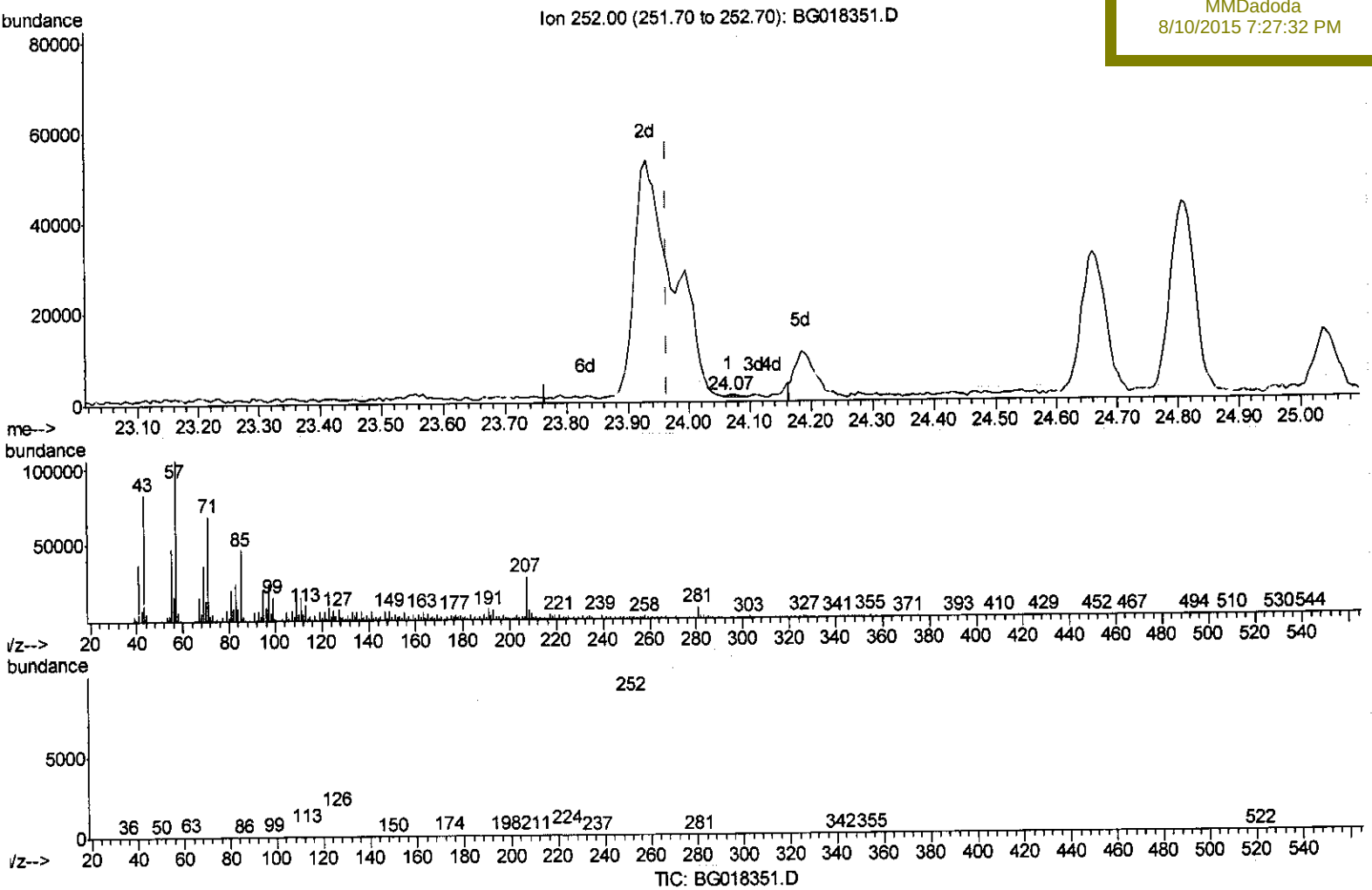


(89) Benzo(k)fluoranthene

24.066min (+0.101) 0.02ng/ul

response 759

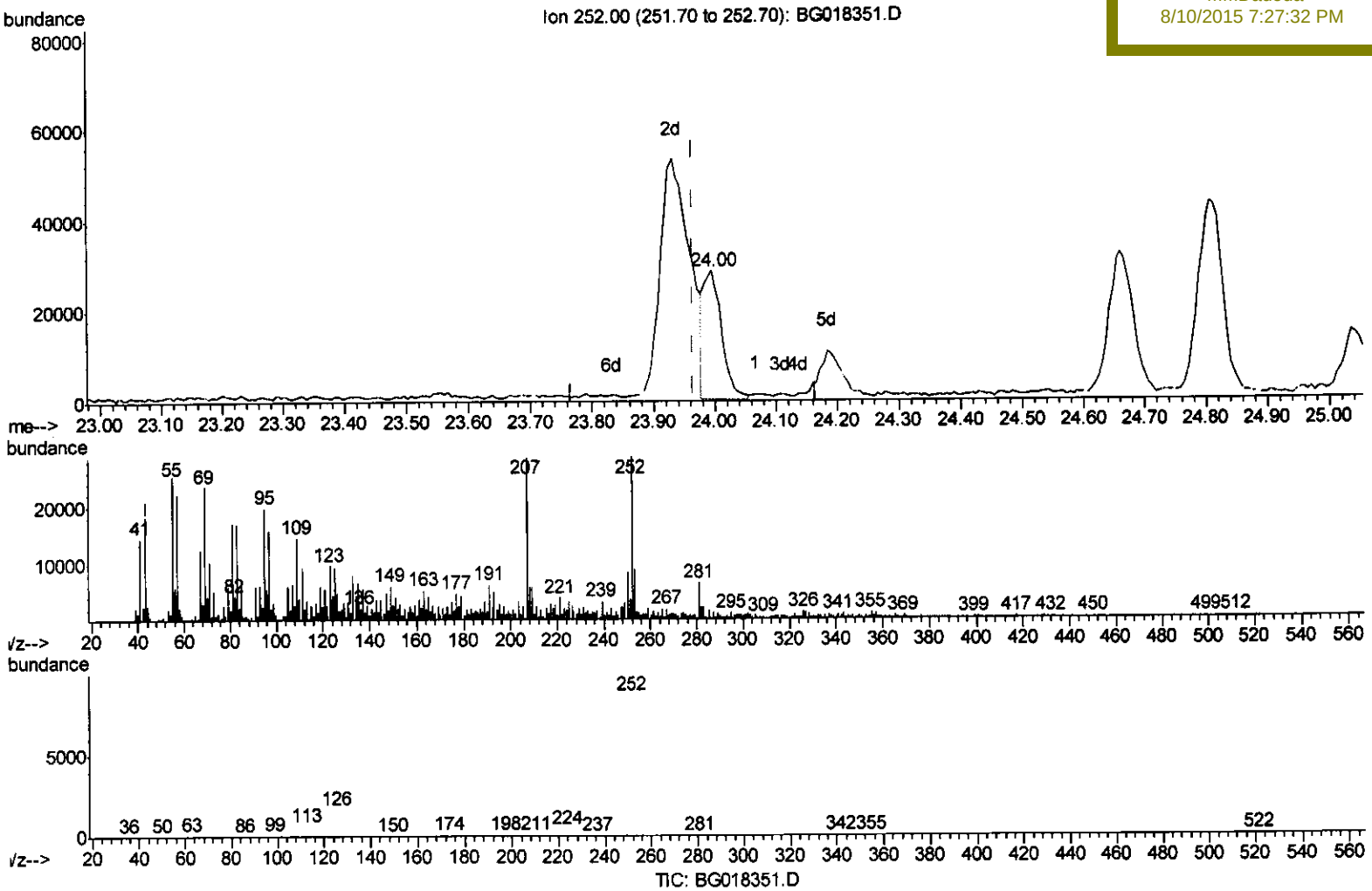
Ion	Exp%	Act%
252.00	100	100
253.00	22.20	126.05#
125.00	11.20	443.31#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 07:55:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
MMDadoda
8/10/2015 7:27:32 PM



TIC: BG018351.D

(89) Benzo(k)fluoranthene

23.995min (+0.030) 1.23ng/ul m

response 55991

U.M 08/11/15

Ion	Exp%	Act%
252.00	100	100
253.00	22.20	31.03#
125.00	11.20	32.37#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 07:55:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
MMDadoda
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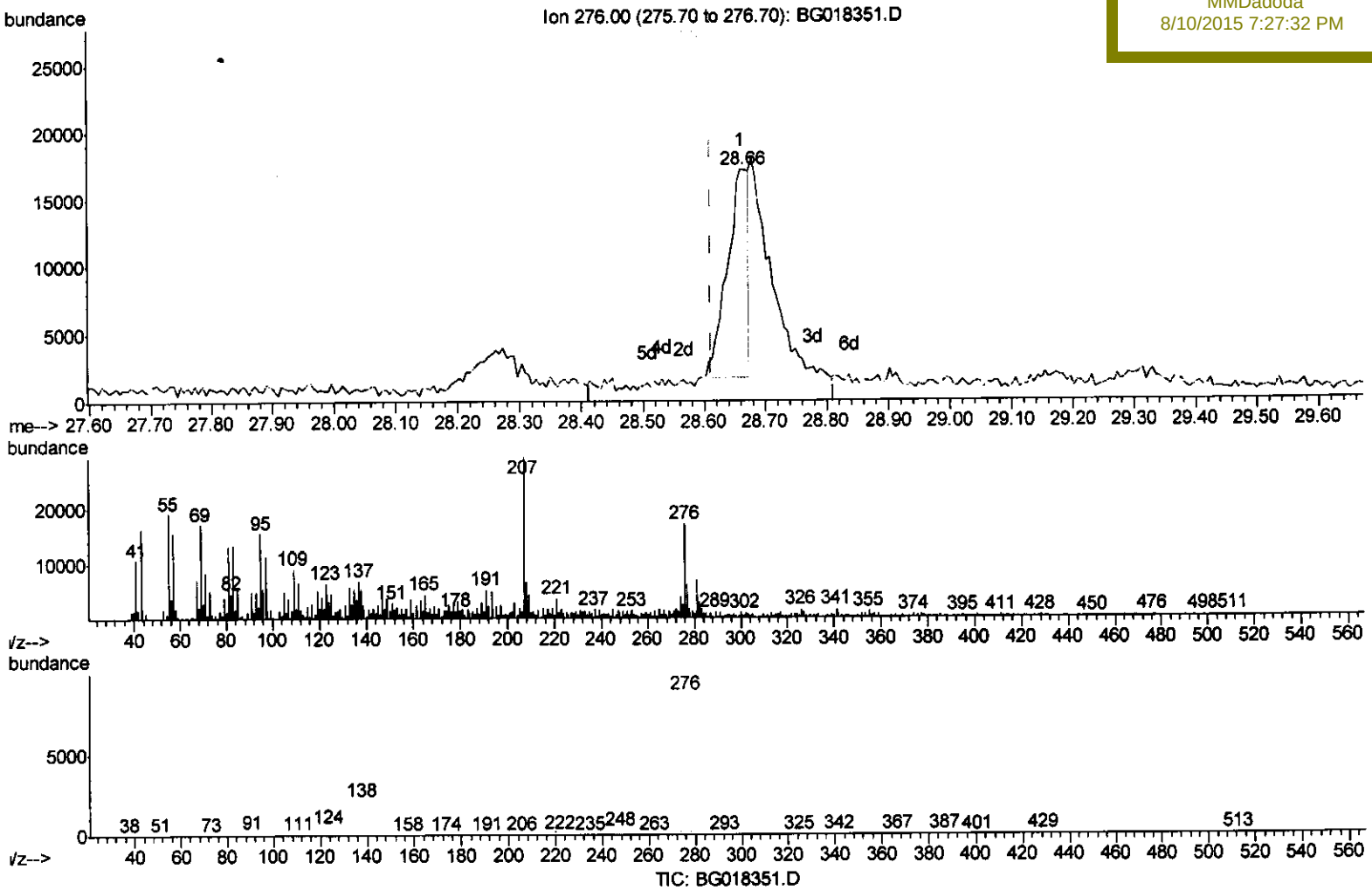

(92) Indeno(1,2,3-cd)pyrene

28.661min (+0.048) 0.71ng/ul

response 36803

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	31.14#
277.00	23.60	36.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 07:55:04 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
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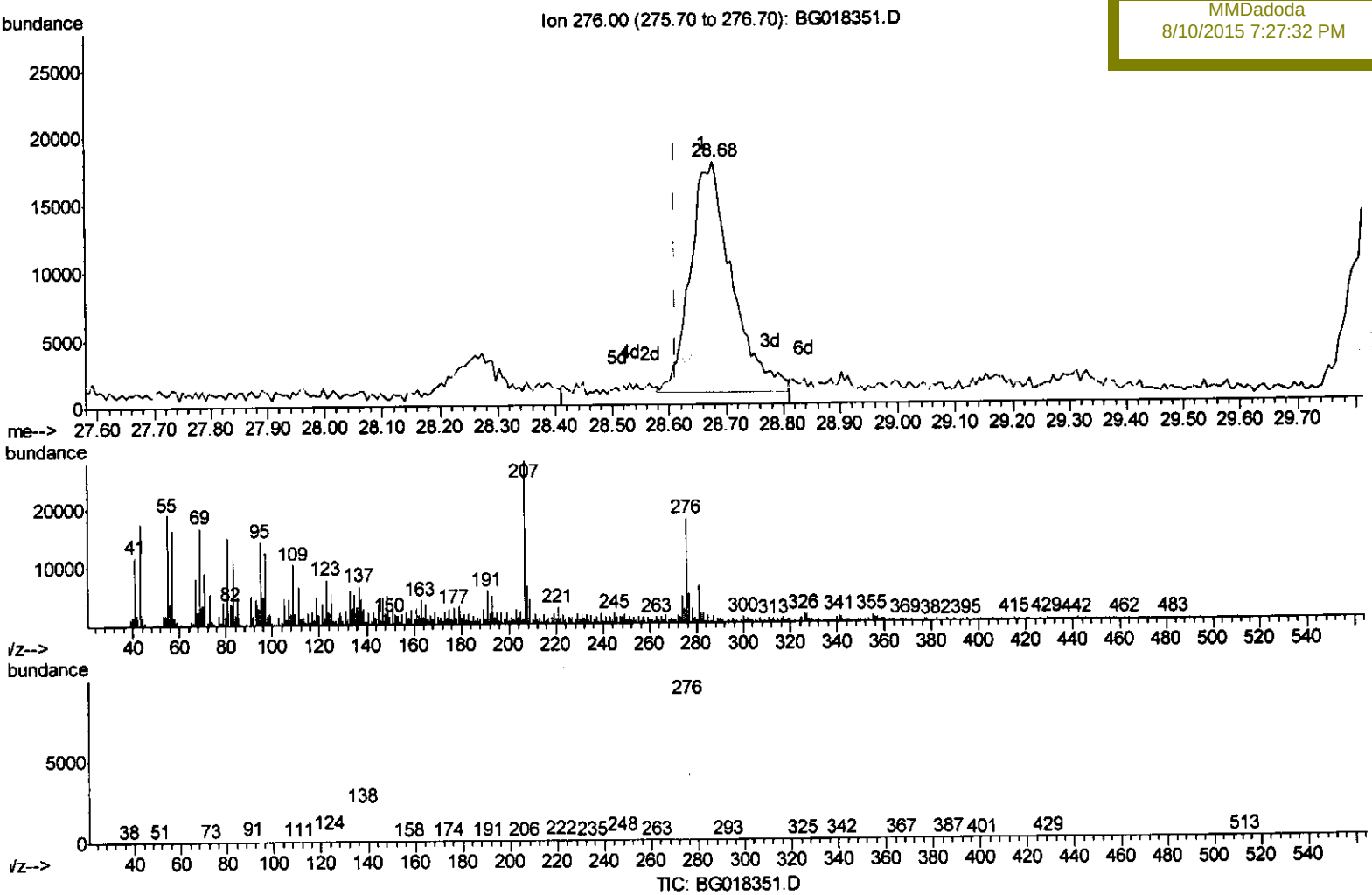

TIC: BG018351.D

(92) Indeno(1,2,3-cd)pyrene

28.678min (+0.066) 1.64ng/ul m

response 85296

U.M 08/11/15

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	25.06#
277.00	23.60	28.46#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 08:16:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
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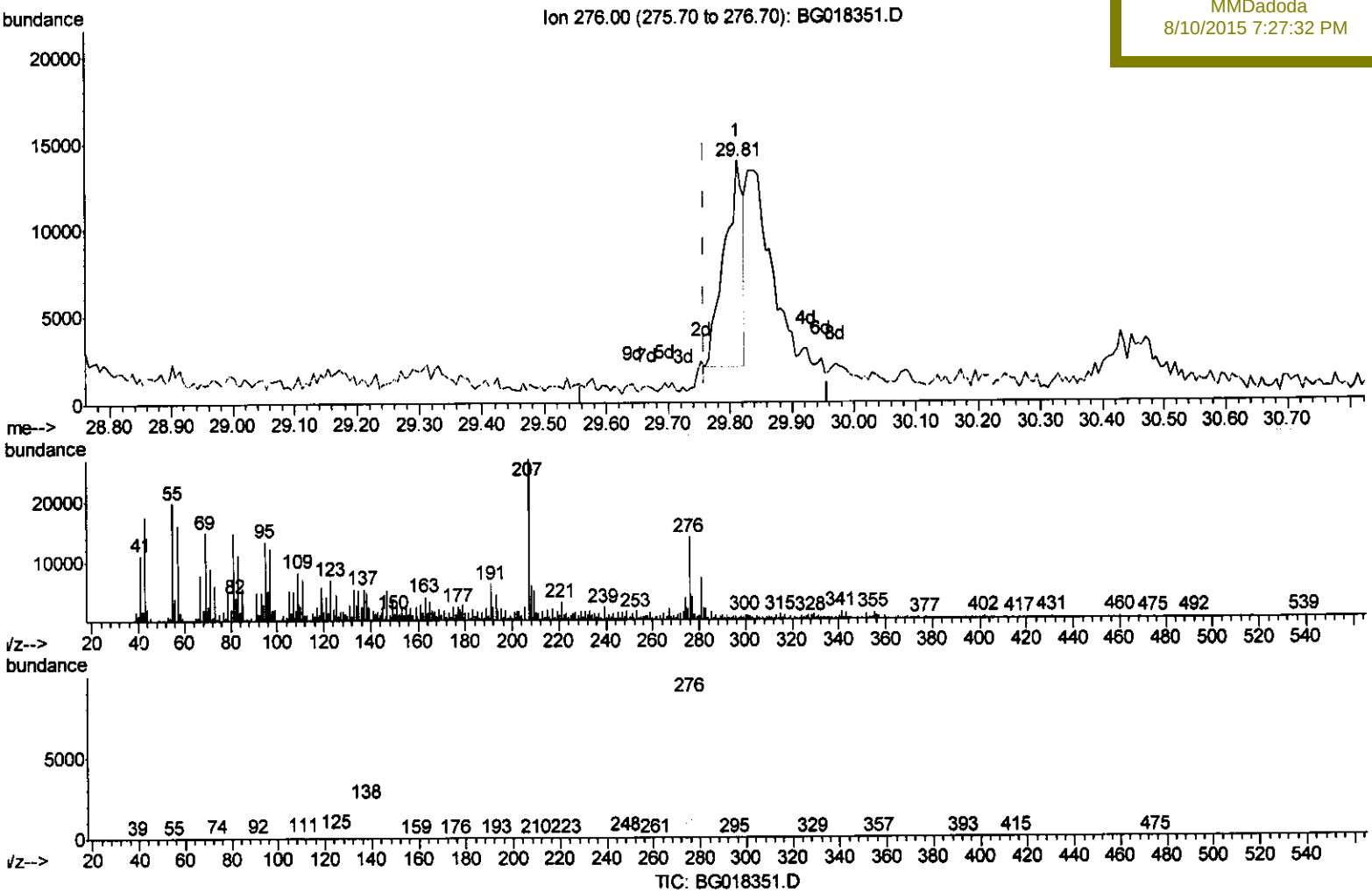

(94) Benzo(g,h,i)perylene

29.812min (+0.054) 0.58ng/ul

response 25400

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	33.68#
277.00	23.80	29.21#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 08:16:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C02C7

Manual Integrations APPROVED
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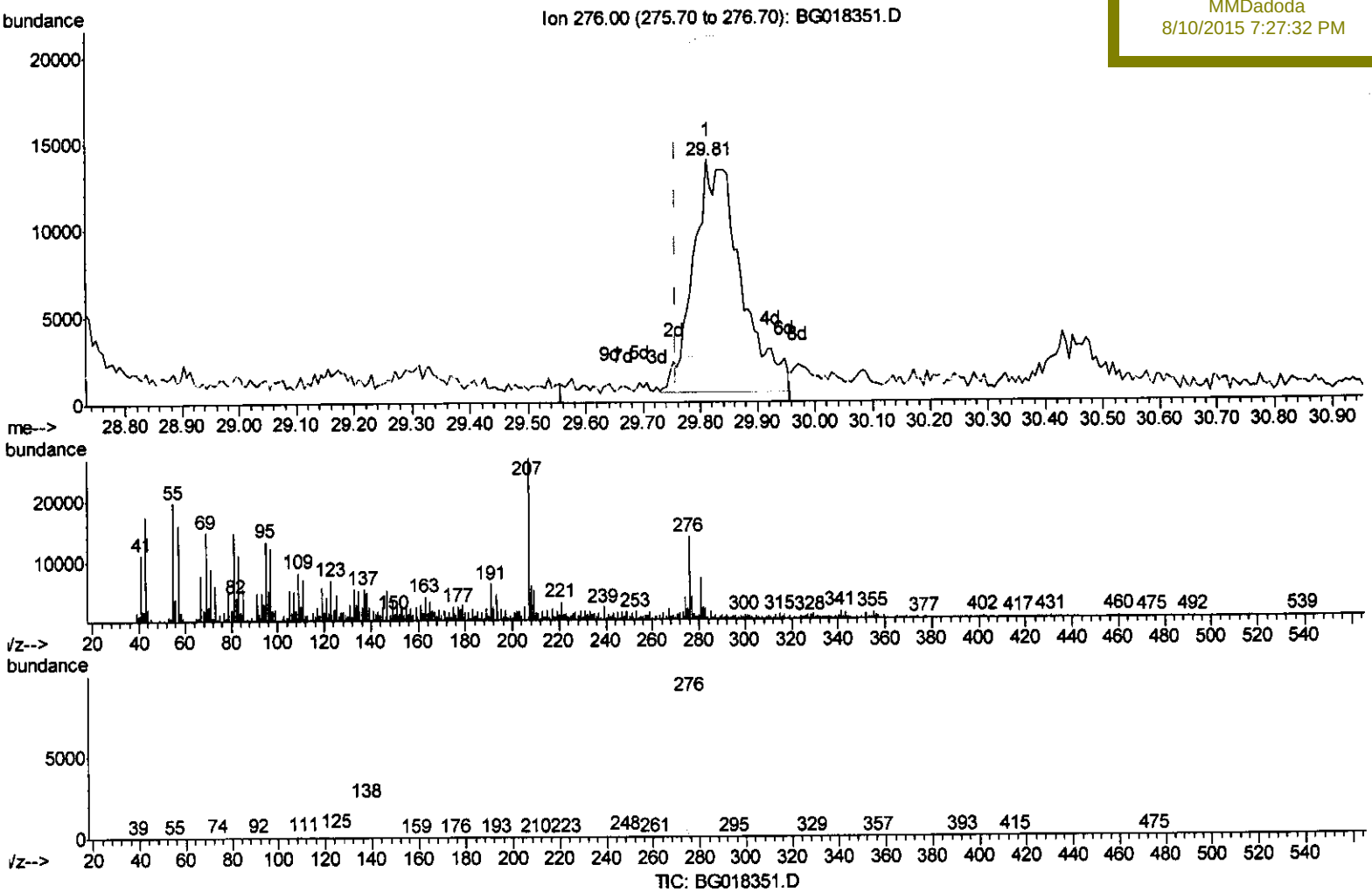

TIC: BG018351.D

(94) Benzo(g,h,i)perylene

29.812min (+0.054) 1.72ng/ul m

response 75106

Ion	Exp%	Act%
276.00	100	100
138.00	20.60	33.68#
277.00	23.80	29.21#
0.00	0.00	0.00

U.M 08/11/15

Data Path : Z:\HPCHEM1\BNA G\Data\BG080915\
Data File : BG018351.D
Acq On : 10 Aug 2015 5:15
Operator : UM/TP
Sample : G3136-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 08:16:51 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 10 07:50:23 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : C02C7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	149207	20.00	ng/ul	0.01
18) Naphthalene-d8	10.88	136	715093	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	439315	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.44	188	891101	20.00	ng/ul	0.01
78) Chrysene-d12	21.71	240	761366	20.00	ng/ul	0.02
86) Perylene-d12	24.97	264	750332	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	5512	1.63	ng/uL	0.00
5) Phenol-d5	7.23	99	146567	10.82	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	93154	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	116263	11.21	ng/ul	0.01
13) 4-Methylphenol-d8	8.78	113	103889	9.13	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	60622	10.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	61404	10.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.50	165	121888	10.12	ng/ul	0.01
29) 4-Chloroaniline-d4	11.01	131	108741	7.99	ng/ul	0.01
44) Dimethylphthalate-d6	14.10	166	379626	10.27	ng/ul	0.01
47) Acenaphthylene-d8	14.39	160	413605	8.89	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	29825	4.49	ng/ul	0.02
58) Fluorene-d10	15.69	176	281014	8.73	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.79	200	2049	0.47	ng/ul	0.01
71) Anthracene-d10	17.54	188	370967	8.70	ng/ul	0.01
79) Pyrene-d10	19.82	212	343096	8.69	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	334569	8.40	ng/ul	0.03
Target Compounds						Qvalue
45) Dimethylphthalate	14.14	163	200538	5.50	ng/ul	98
70) Phenanthrene	17.48	178	135448	2.80	ng/ul	96
77) Fluoranthene	19.48	202	222628	4.31	ng/ul	99
80) Pyrene	19.85	202	204692	3.98	ng/ul	97
83) Benzo(a)anthracene	21.69	228	110636	2.34	ng/ul#	93
84) Bis(2-ethylhexyl)phthalate	21.60	149	52982	1.72	ng/ul#	93
85) Chrysene	21.76	228	112942	2.56	ng/ul#	96
88) Benzo(b)fluoranthene	23.93	252	176674	3.75	ng/ul#	90
89) Benzo(k)fluoranthene	24.00	252	55991m	1.23	ng/ul	
91) Benzo(a)pyrene	24.81	252	117455	2.62	ng/ul#	80
92) Indeno(1,2,3-cd)pyrene	28.68	276	85296m	1.64	ng/ul	
94) Benzo(g,h,i)perylene	29.81	276	75106m	1.72	ng/ul	

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