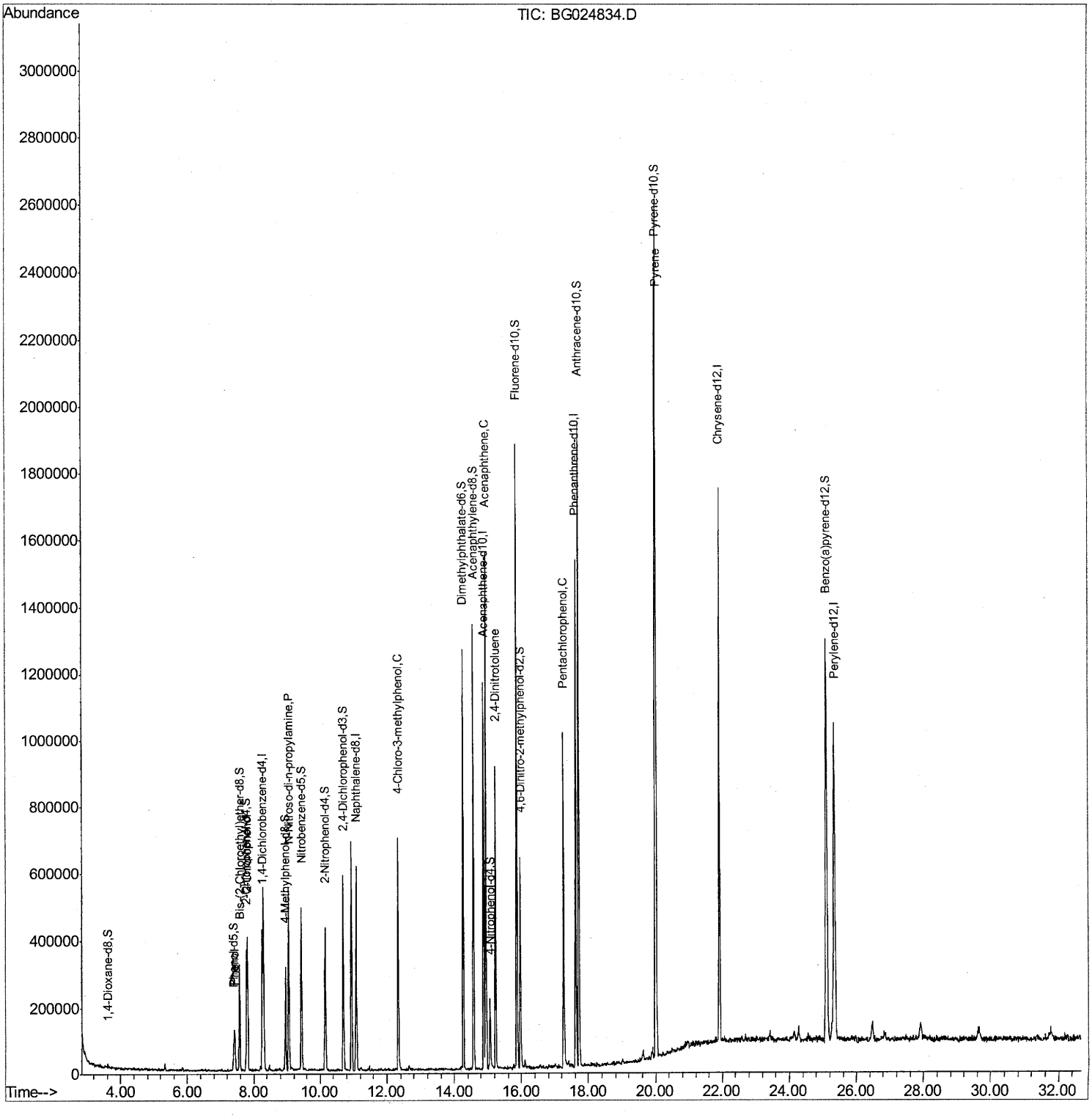
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024834.D
Acq On : 18 Nov 2016 21:02
Operator : UM/SJ
Sample : H5699-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 00:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 00:07:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WD6MS

Manual Integrations APPROVED
sohil
11/21/2016 3:41:43 PM



Quantitation Report (Qedit)

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Data File : BG024834.D
Acq On : 18 Nov 2016 21:02
Operator : UM/SJ
Sample : H5699-12MS
Misc :
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Quant Time: Nov 19 00:10:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 00:07:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
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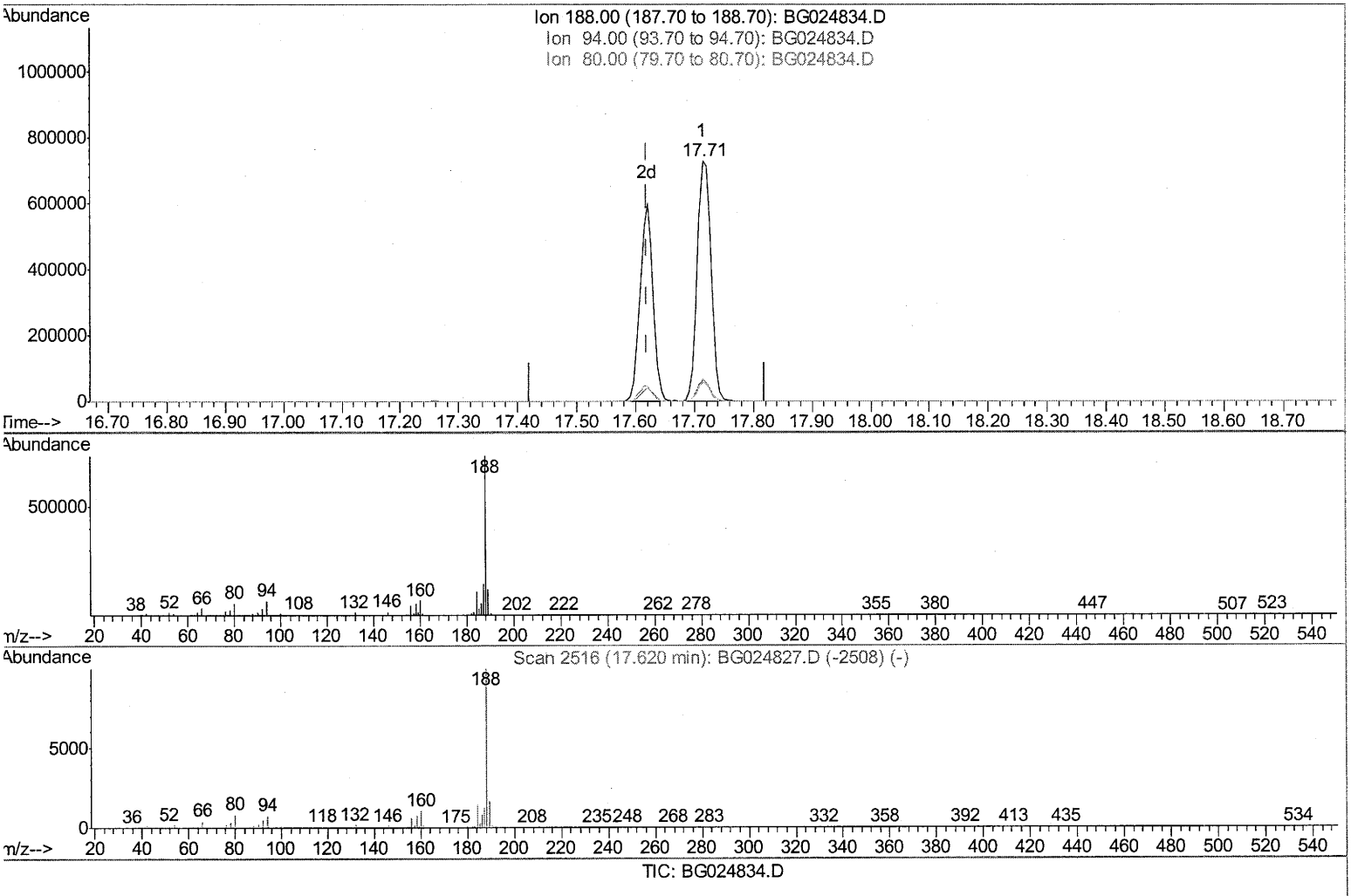
Manual Integrations APPROVED
sohil
11/21/2016 3:41:43 PM



TIC: BG024834.D

(61) Phenanthrene-d10 (I)

17.714min (+0.094) 20.00ng/ul

response 1188013

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	9.07
80.00	9.50	7.64
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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QLast Update : Sat Nov 19 00:07:29 2016
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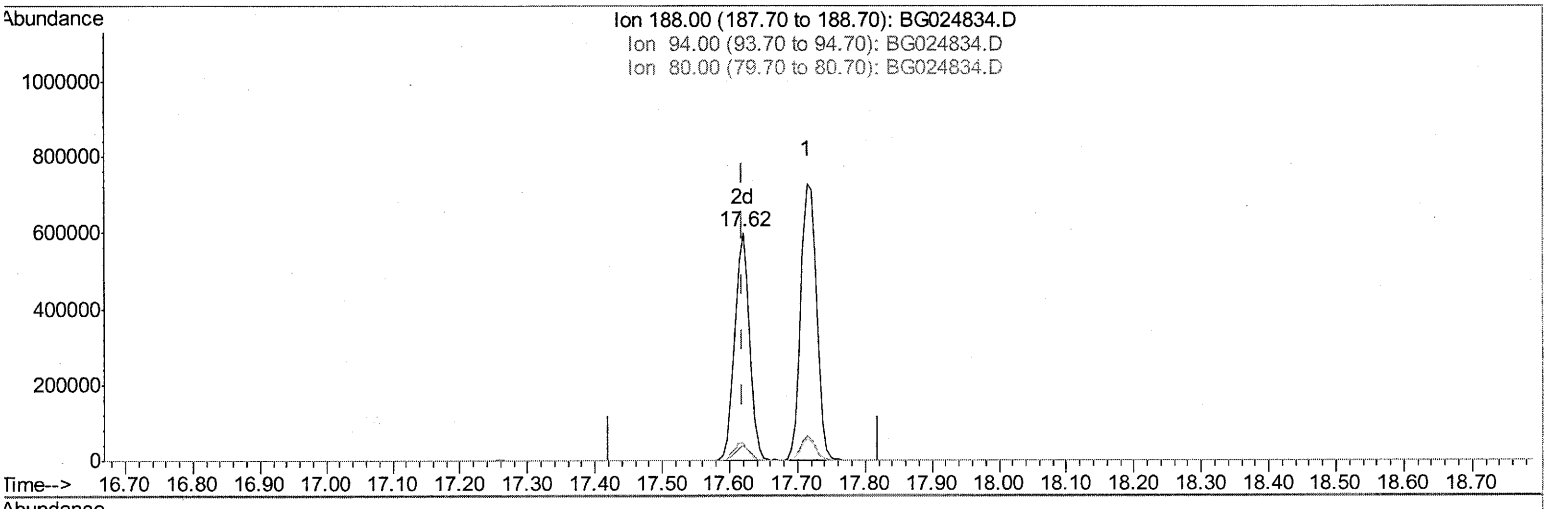
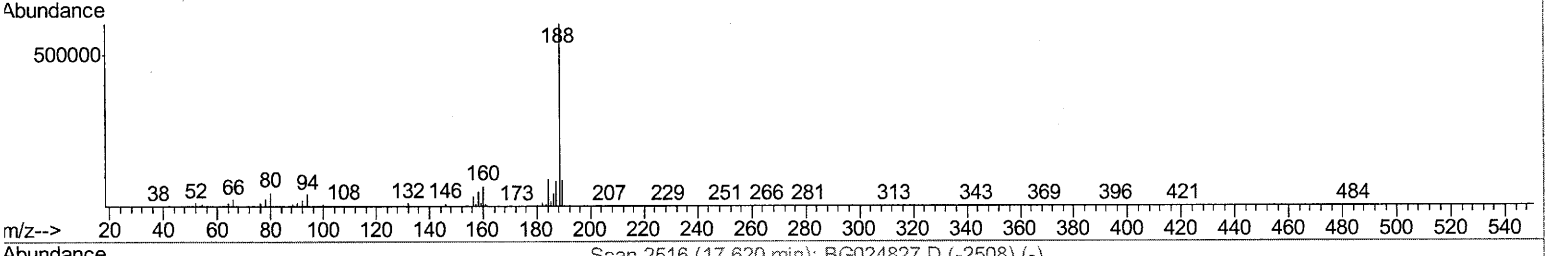
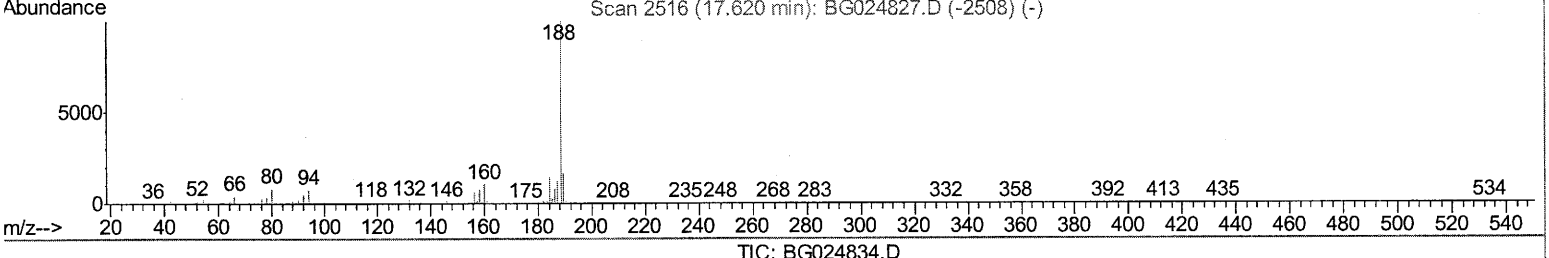
Instrument :
BNA_G
ClientSampleId :
A4WD6MS

Manual Integrations APPROVED
sohil
11/21/2016 3:41:43 PM







TIC: BG024834.D

(61) Phenanthrene-d10 (I)

17.620min (-0.000) 20.00ng/ul m UM

response 927401 11/21/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.71#
80.00	9.50	7.71
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : H5699-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 00:37:01 2016
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Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 00:07:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WD6MS

Manual Integrations APPROVED
sohil
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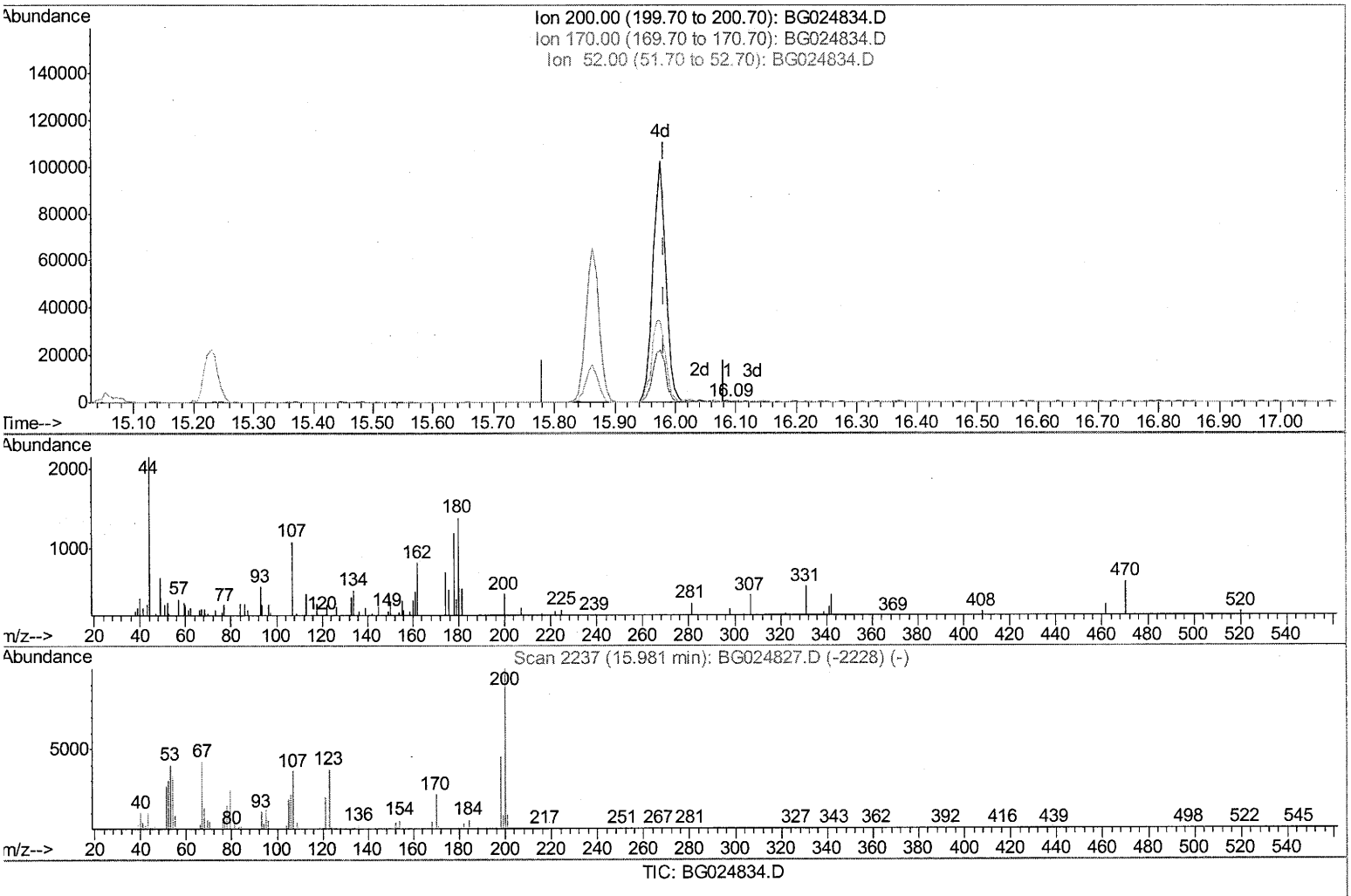

TIC: BG024834.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.087min (+0.106) 0.09ng/ul

response 546

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	73.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

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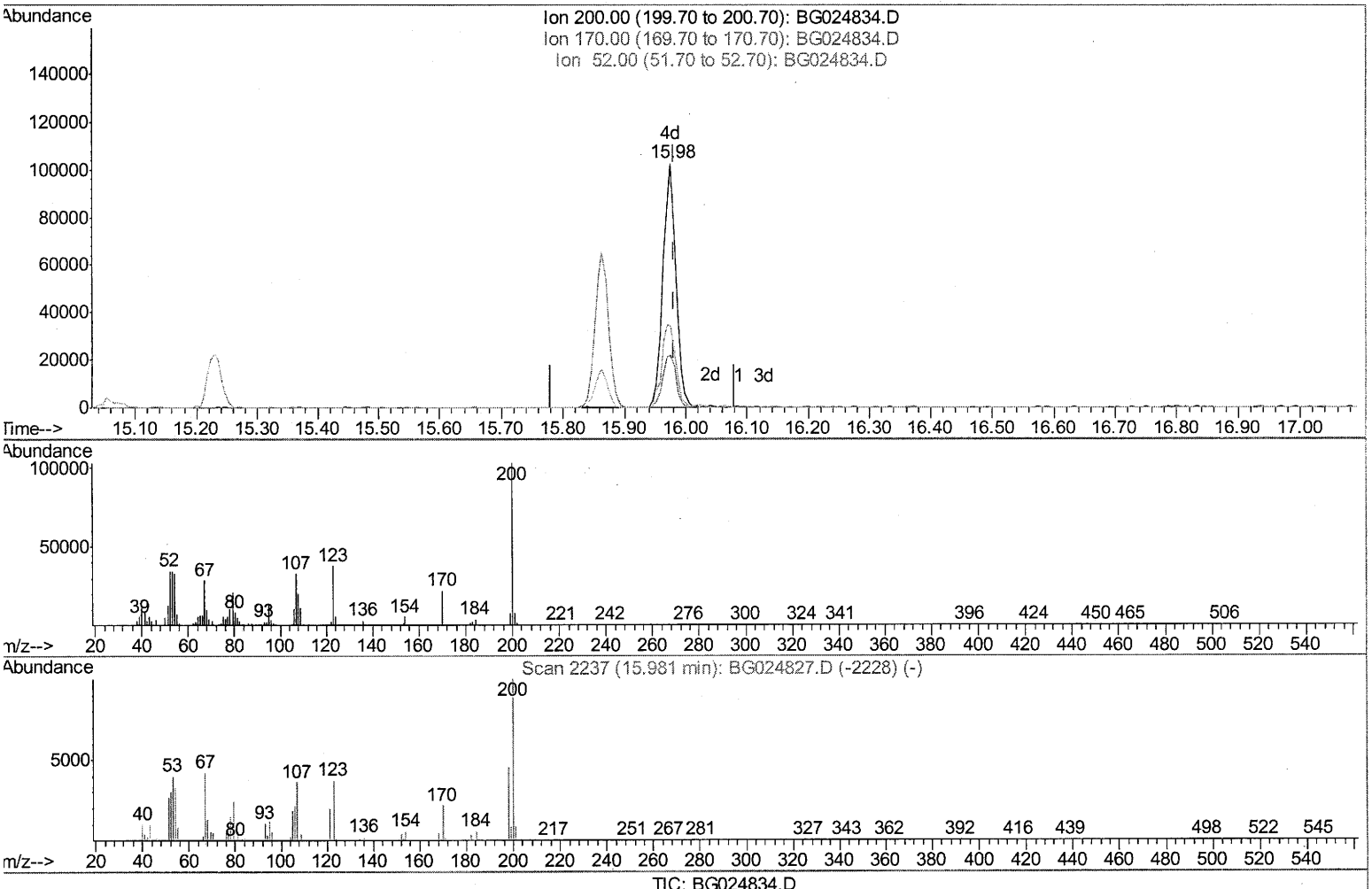
Operator : UM/SJ
Sample : H5699-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 00:37:01 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 19 00:07:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4WD6MS

Manual Integrations APPROVED
sohil
11/21/2016 3:41:43 PM



TIC: BG024834.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.975min (-0.006) 23.51ng/ul m

response 149873

UM
11/21/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	21.53
52.00	47.20	33.70#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
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Instrument : BNA_G
ClientSampleId : A4WD6MS

Manual Integrations APPROVED
sohil
11/21/2016 3:41:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.26	152	108702	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.09	136	495298	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.88	164	428242	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.62	188	927401m	20.00	ng/ul	0.00	um 11/21/16
75) Chrysene-d12	21.92	240	1133929	20.00	ng/ul	0.00	
83) Perylene-d12	25.35	264	1185639	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.62	96	2970	1.42	ng/uL	0.01	
5) Phenol-d5	7.40	99	57492	6.17	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.57	67	162464	27.73	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.78	132	151449	22.68	ng/ul	0.00	
13) 4-Methylphenol-d8	8.95	113	117836	15.07	ng/ul	0.00	
19) Nitrobenzene-d5	9.44	128	105434	28.11	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.16	143	120307	26.87	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.69	165	217993	24.46	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.23	131	3953	0.40	ng/ul	0.00	
43) Dimethylphthalate-d6	14.27	166	824128	26.39	ng/ul	0.00	
46) Acenaphthylene-d8	14.58	160	979747	28.80	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.06	143	26636	4.79	ng/ul	0.00	
57) Fluorene-d10	15.86	176	780295	26.55	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.98	200	149873m	23.51	ng/ul	0.00	um 11/21/16
70) Anthracene-d10	17.71	188	1186483	28.97	ng/ul	0.00	
76) Pyrene-d10	19.99	212	1397586	28.43	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.11	264	1486019	28.63	ng/ul	0.00	
Target Compounds						Qvalue	
6) Phenol	7.42	94	65071	6.69	ng/ul	92	
10) 2-Chlorophenol	7.81	128	152155	23.56	ng/ul	93	
15) N-Nitroso-di-n-propylamine	9.05	70	199747	29.85	ng/ul	91	
33) 4-Chloro-3-methylphenol	12.33	107	243767	23.57	ng/ul	99	
49) Acenaphthene	14.94	153	652560	27.99	ng/ul	98	
52) 4-Nitrophenol	15.07	109	36322	5.46	ng/ul	82	
54) 2,4-Dinitrotoluene	15.23	165	258757	27.17	ng/ul	88	
68) Pentachlorophenol	17.26	266	209727	28.47	ng/ul	89	
77) Pyrene	20.02	202	1644467	29.51	ng/ul	98	

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