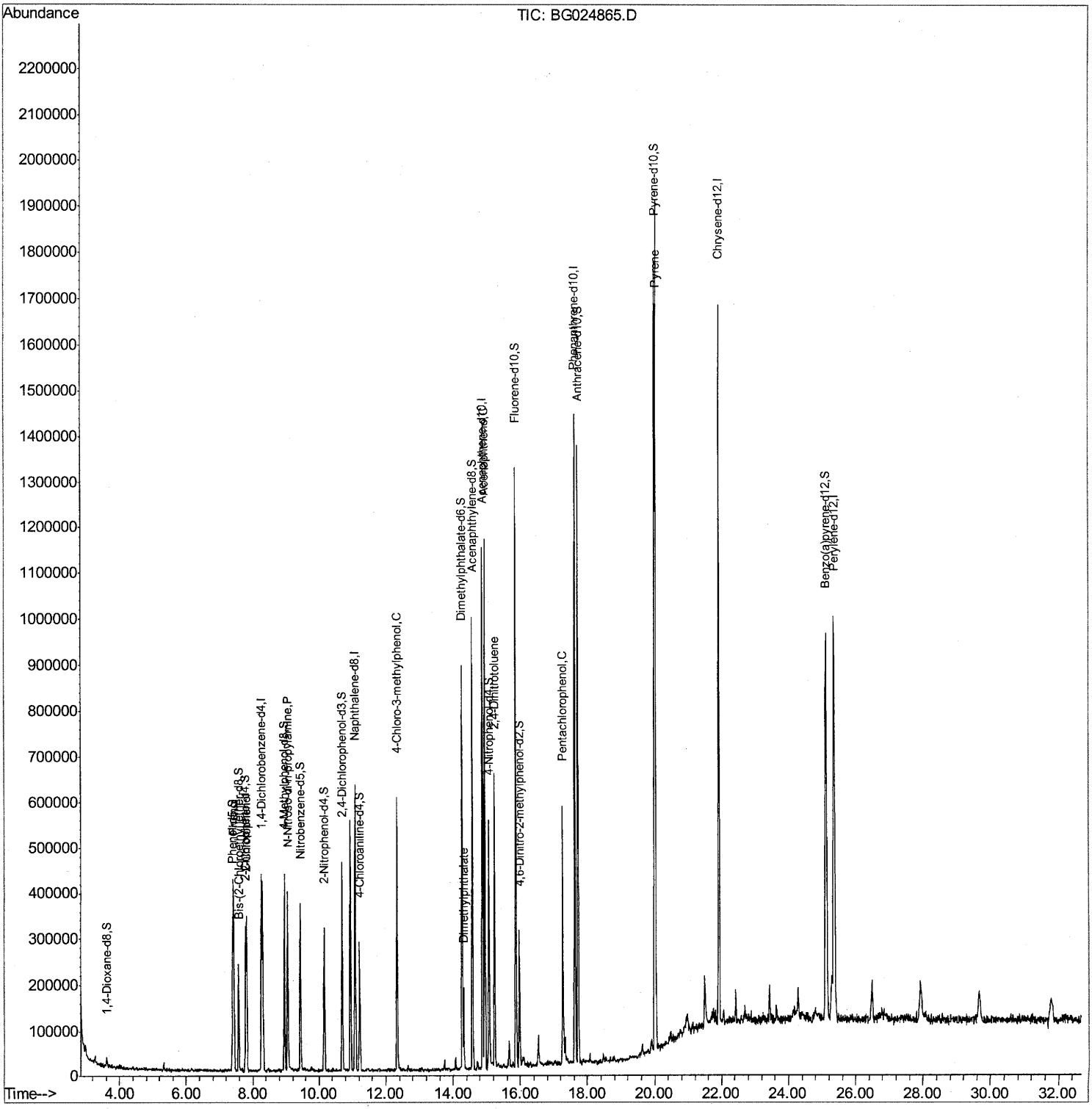
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
Data File : BG024865.D
Acq On : 21 Nov 2016 19:08
Operator : UM/SJ
Sample : H5694-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 01:15:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:02:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHSR7MS

Manual Integrations APPROVED
sohil
11/22/2016 4:06:38 PM



Quantitation Report (Qedit)

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Data File : BG024865.D
Acq On : 21 Nov 2016 19:08
Operator : UM/SJ
Sample : H5694-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 01:05:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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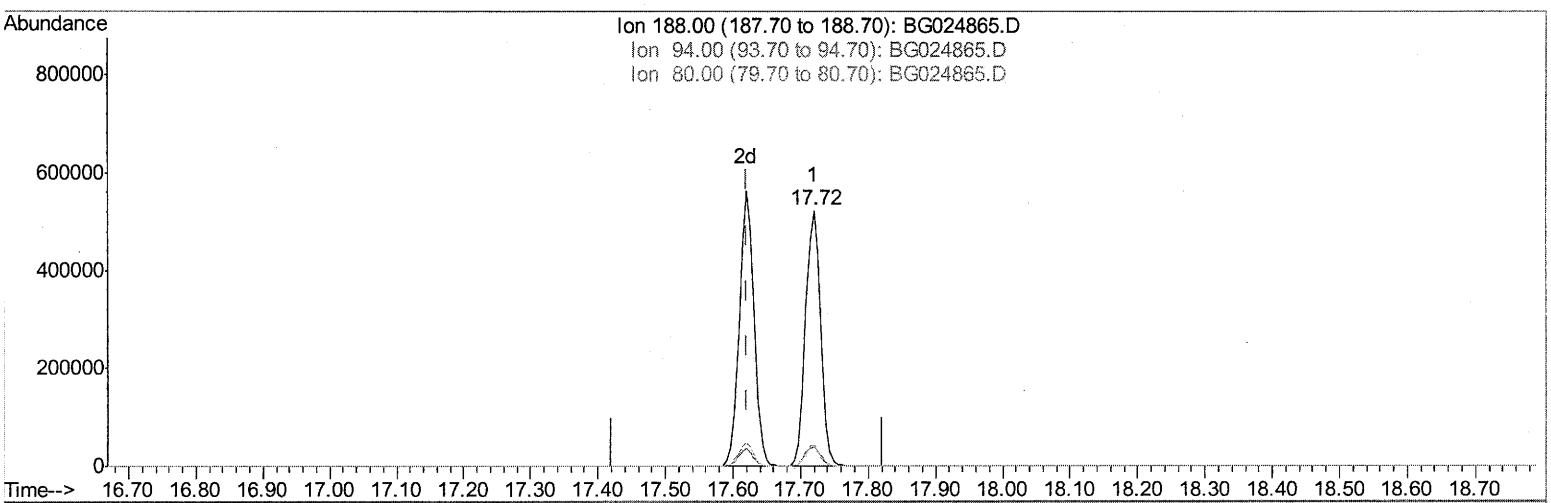
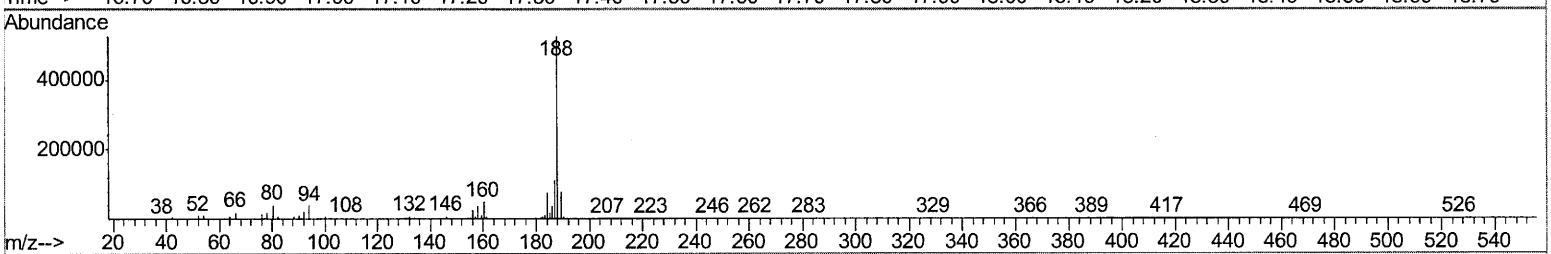
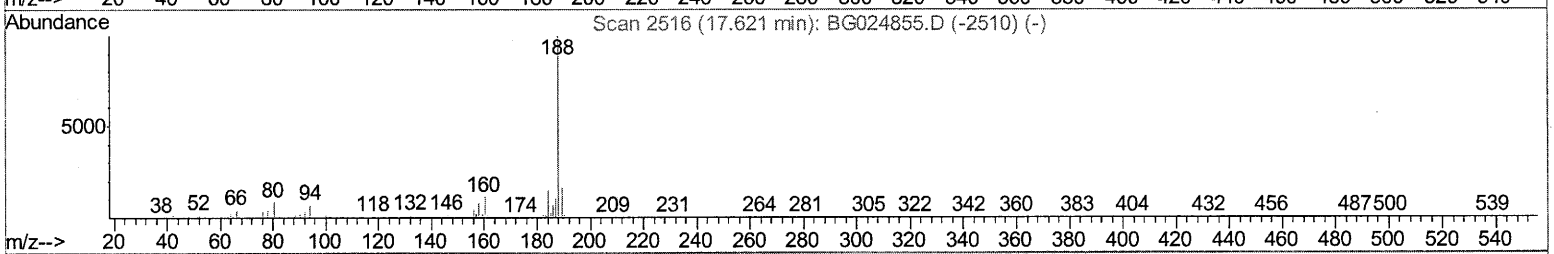
11/22/2016 4:06:38 PM







TIC: BG024865.D

(61) Phenanthrene-d10 (I)

17.720min (+0.099) 20.00ng/ul

response 808653

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.51
80.00	9.50	7.72
0.00	0.00	0.00

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Manual Integrations APPROVED
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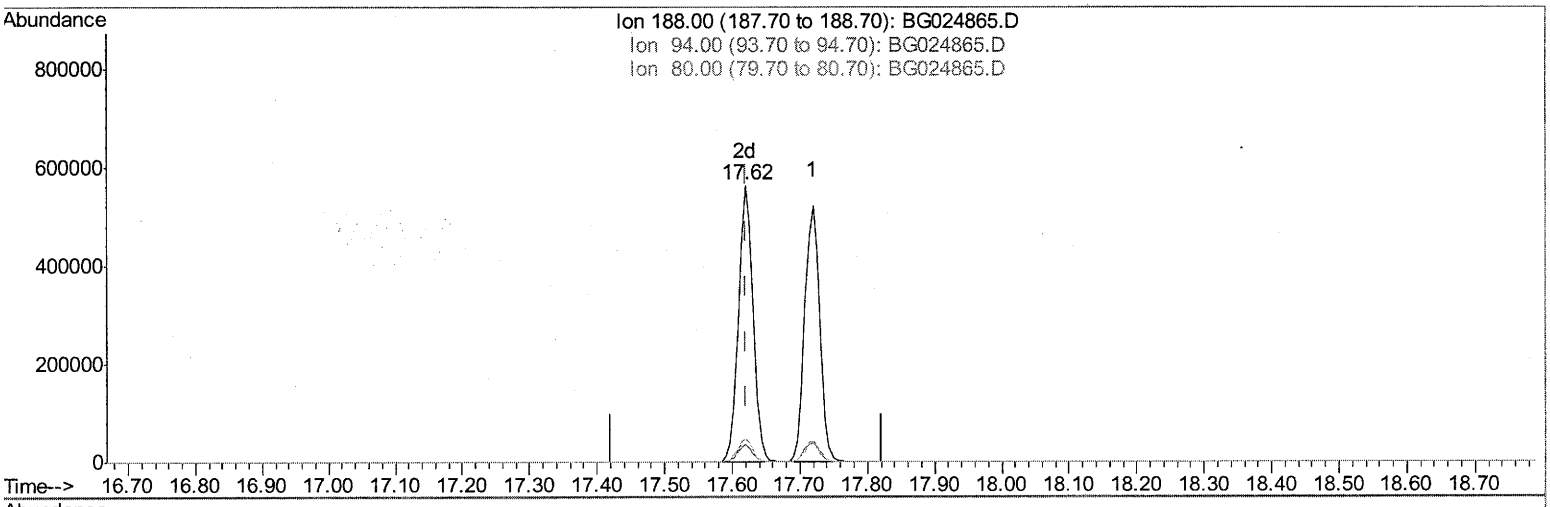
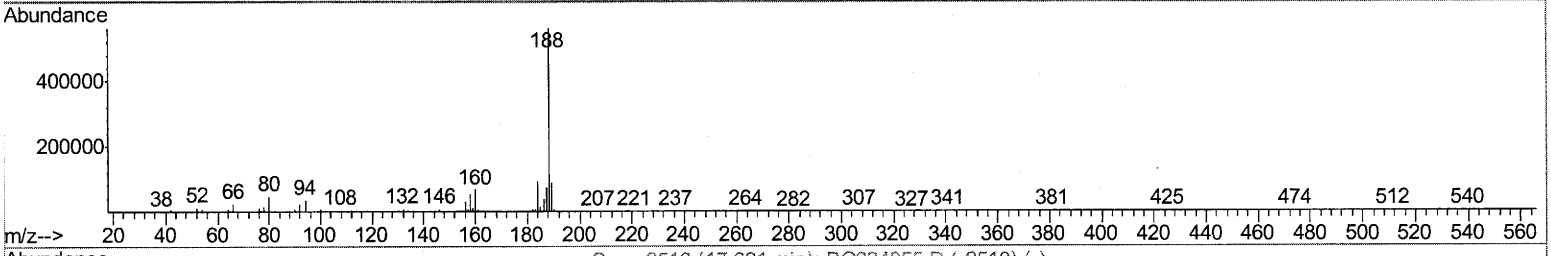
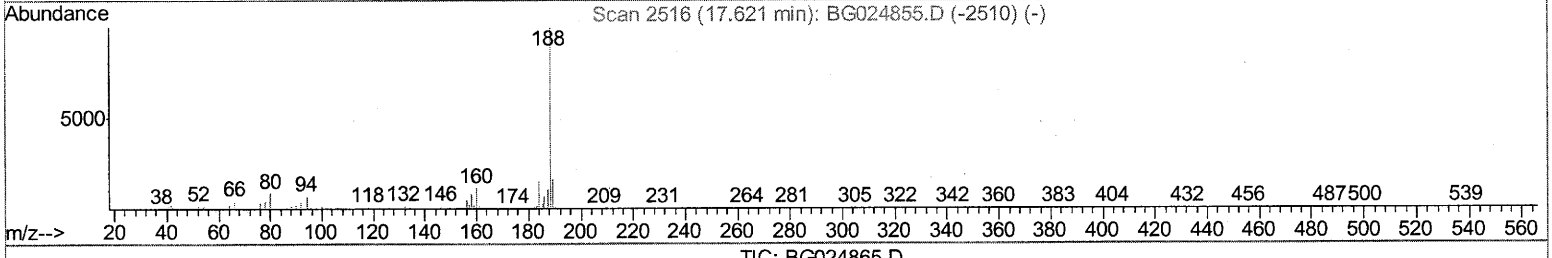
11/22/2016 4:06:38 PM







TIC: BG024865.D

(61) Phenanthrene-d10 (I)

17.620min (-0.001) 20.00ng/ul m

response 860389

UM
11/22/16

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.51#
80.00	9.50	8.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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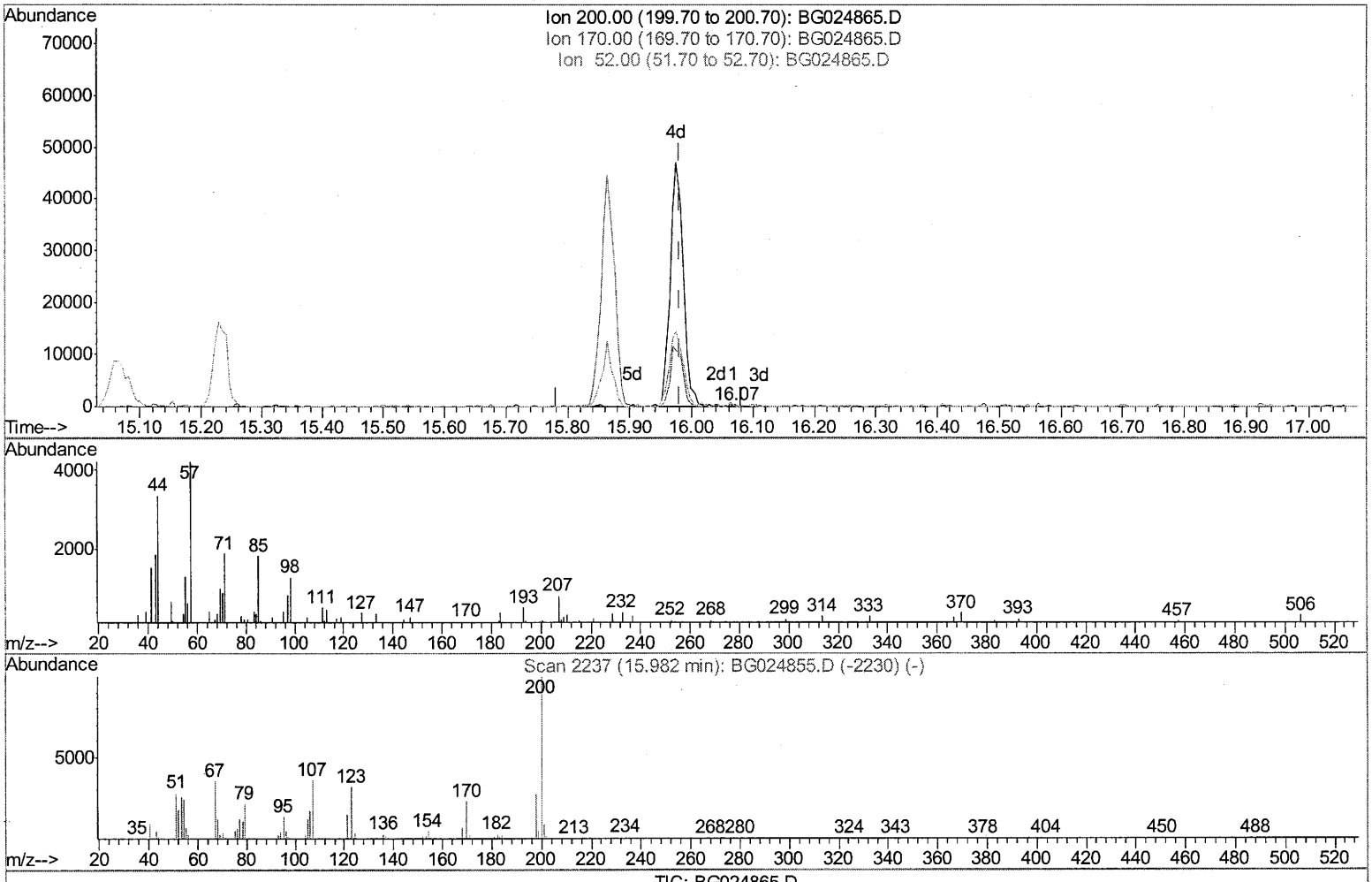
Operator : UM/SJ
Sample : H5694-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 22 01:15:07 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:02:29 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JHSR7MS

Manual Integrations APPROVED
sohil
11/22/2016 4:06:38 PM



TIC: BG024865.D

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

16.069min (+0.087) 0.03ng/ul

response 207

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	48.15#
52.00	47.20	40.25
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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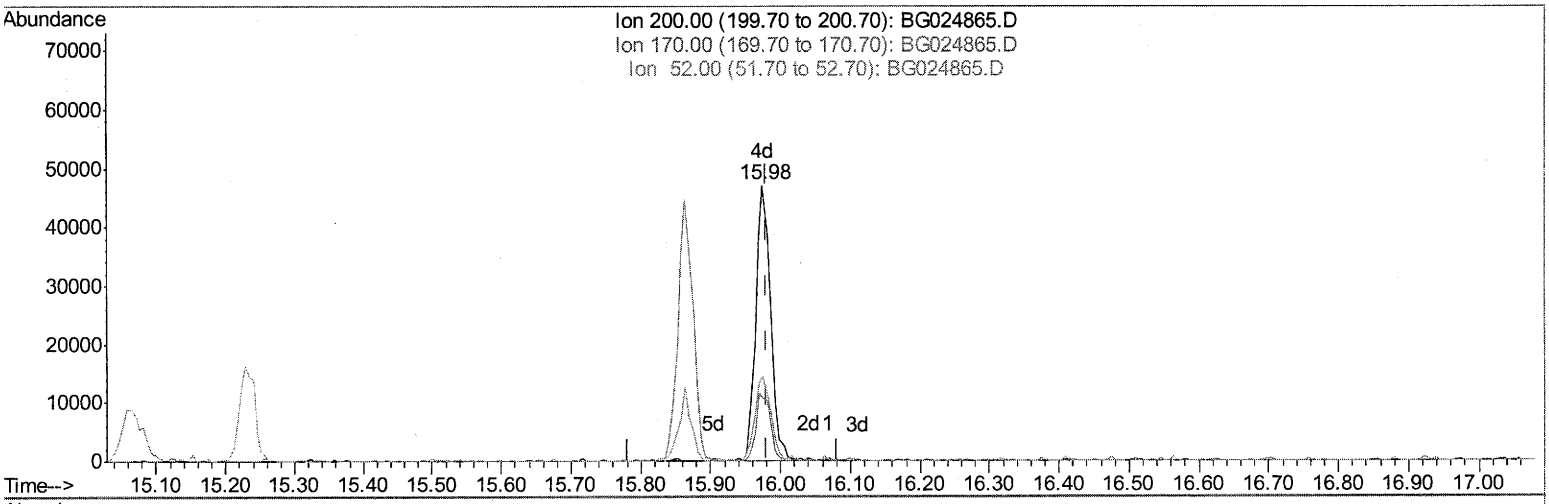
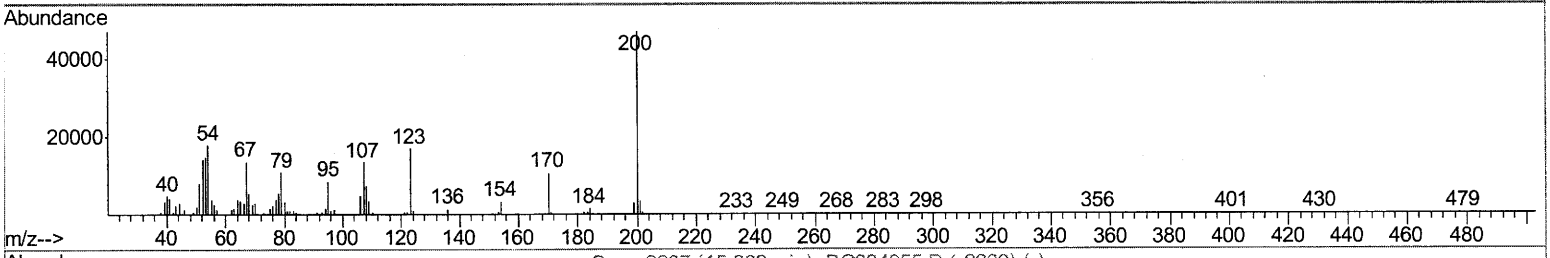
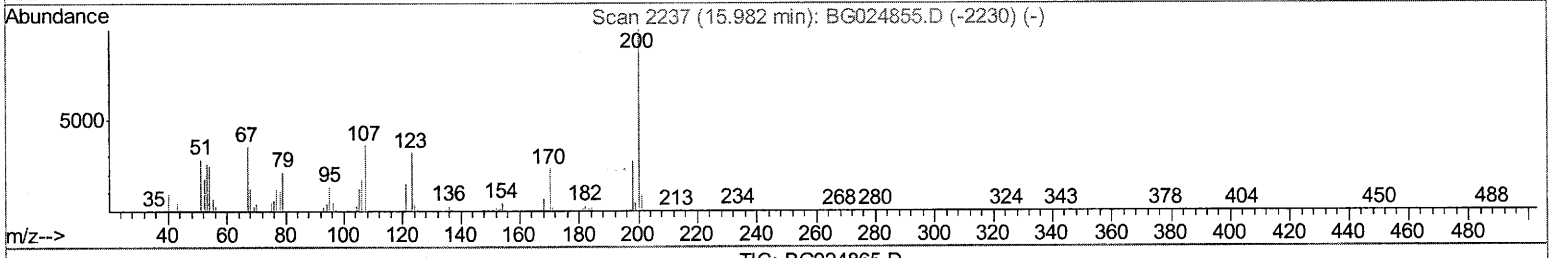
Instrument :
BNA_G
ClientSampleId :
JHSR7MS

Manual Integrations APPROVED
sohil
11/22/2016 4:06:38 PM







TIC: BG024865.D

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

15.975min (-0.007) 11.64ng/ul m

response 68828

UM
11/22/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	23.12
52.00	47.20	30.67#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
BNA_G
ClientSampleId :
JHSR7MS

Manual Integrations APPROVED
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11/22/2016 4:06:38 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.26	152	110723	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.09	136	504252	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.88	164	427407	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.62	188	860389m	20.00	ng/ul	0.00	UM 11/22/16
75) Chrysene-d12	21.92	240	1048915	20.00	ng/ul	0.00	
83) Perylene-d12	25.35	264	1099830	20.00	ng/ul	-0.01	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.62	96	8566	4.01	ng/uL	0.00	
5) Phenol-d5	7.40	99	178824	18.85	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.57	67	119152	19.97	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.78	132	135279	19.89	ng/ul	0.00	
13) 4-Methylphenol-d8	8.95	113	159218	19.99	ng/ul	0.00	
19) Nitrobenzene-d5	9.43	128	74579	19.53	ng/ul	0.00	
22) 2-Nitrophenol-d4	10.16	143	88309	19.38	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.70	165	171894	18.95	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.22	131	135193	13.34	ng/ul	0.00	
43) Dimethylphthalate-d6	14.27	166	588116	18.87	ng/ul	0.00	
46) Acenaphthylene-d8	14.58	160	706900	20.82	ng/ul	0.00	
51) 4-Nitrophenol-d4	15.06	143	76846	13.86	ng/ul	0.00	
57) Fluorene-d10	15.86	176	562481	19.18	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.98	200	68828m	11.64	ng/ul	0.00	UM 11/22/16
70) Anthracene-d10	17.72	188	808952	21.29	ng/ul	0.00	
76) Pyrene-d10	19.99	212	976310	21.47	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.11	264	1014083	21.06	ng/ul	-0.01	
Target Compounds						Qvalue	
6) Phenol	7.43	94	212283	21.42	ng/ul	92	
10) 2-Chlorophenol	7.82	128	131282	19.95	ng/ul#	82	
15) N-Nitroso-di-n-propylamine	9.06	70	144009	21.13	ng/ul#	94	
33) 4-Chloro-3-methylphenol	12.33	107	217312	20.64	ng/ul	97	
44) Dimethylphthalate	14.31	163	108185	3.62	ng/ul#	93	
49) Acenaphthene	14.94	153	489093	21.02	ng/ul	99	
52) 4-Nitrophenol	15.07	109	94198	14.19	ng/ul	95	
54) 2,4-Dinitrotoluene	15.23	165	181047	19.05	ng/ul#	92	
68) Pentachlorophenol	17.26	266	120267	17.59	ng/ul	90	
77) Pyrene	20.02	202	1189057	23.06	ng/ul	97	

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