

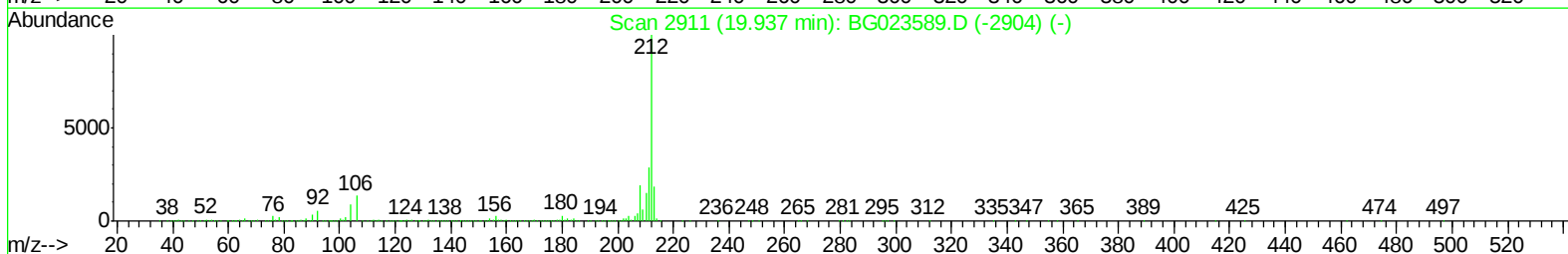
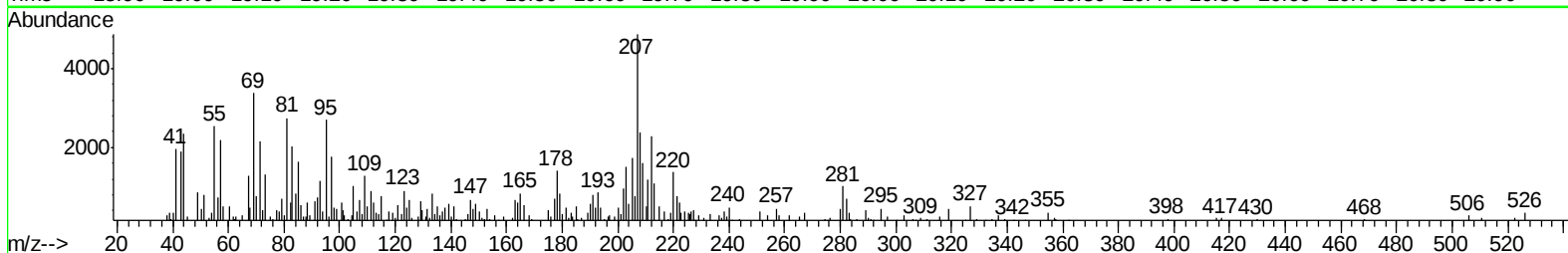
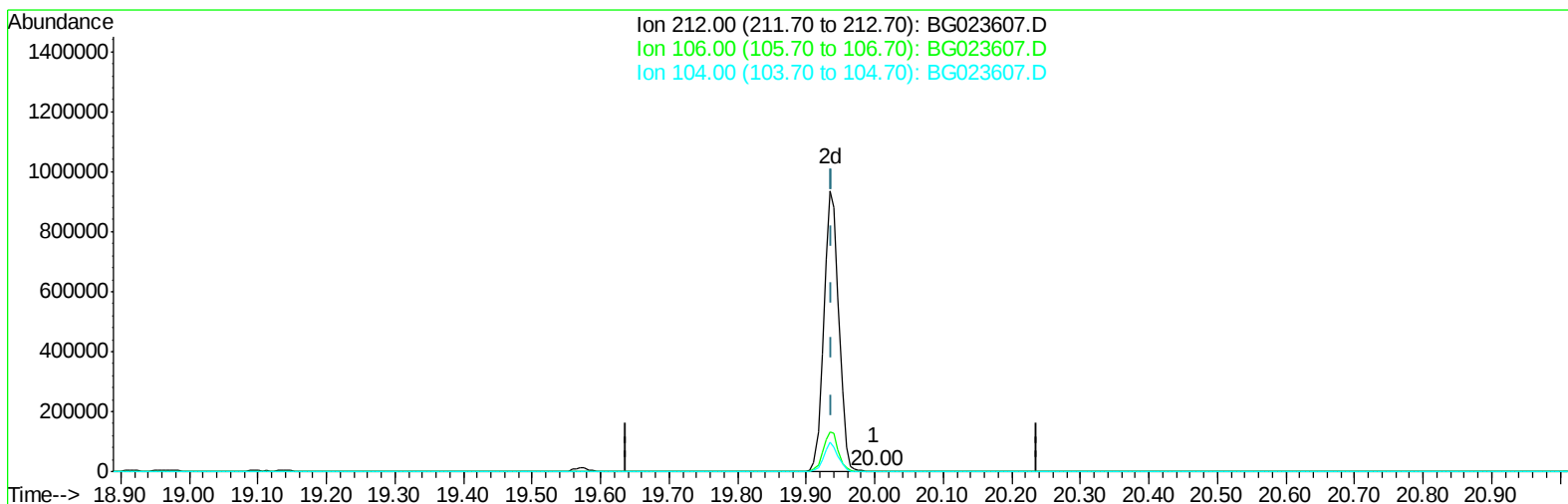
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023607.D
Acq On : 11 Aug 2016 00:27
Operator : UM/SJ
Sample : H4384-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS003-0612-01

Manual Integrations
APPROVED

sohil
8/11/2016 6:13:06 PM

Quant Time: Aug 11 04:01:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration



TIC: BG023607.D

(76) Pyrene-d10 (S)

19.999min (+0.062) 0.04ng/ul

response 2335

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	16.70
104.00	11.70	12.76
0.00	0.00	0.00

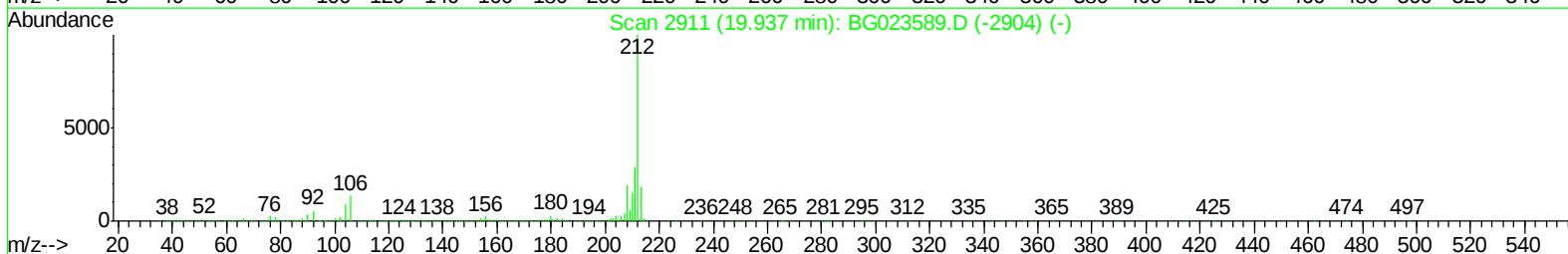
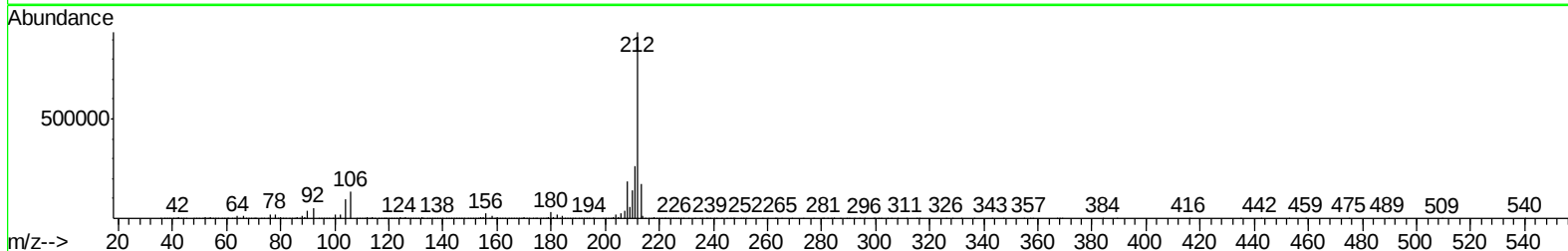
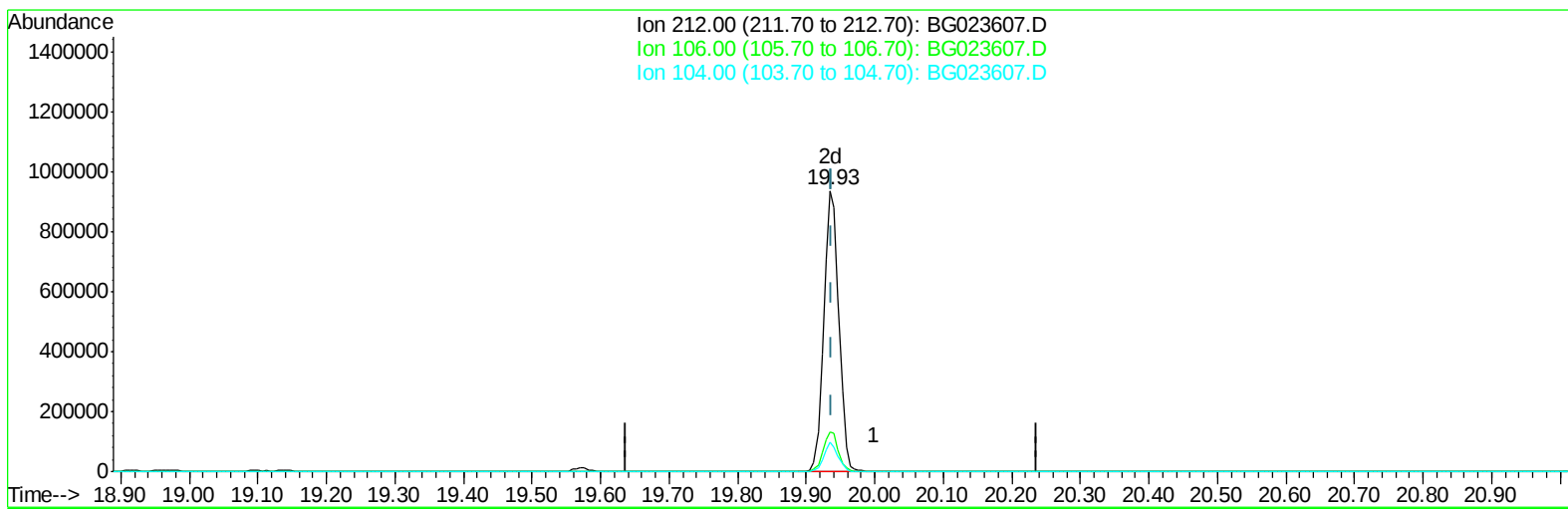
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(76) Pyrene-d10 (S)

19.935min (-0.003) 21.81ng/ul m

response 1428081

Ion	Exp%	Act%
212.00	100	100
106.00	18.40	14.25#
104.00	11.70	10.30
0.00	0.00	0.00

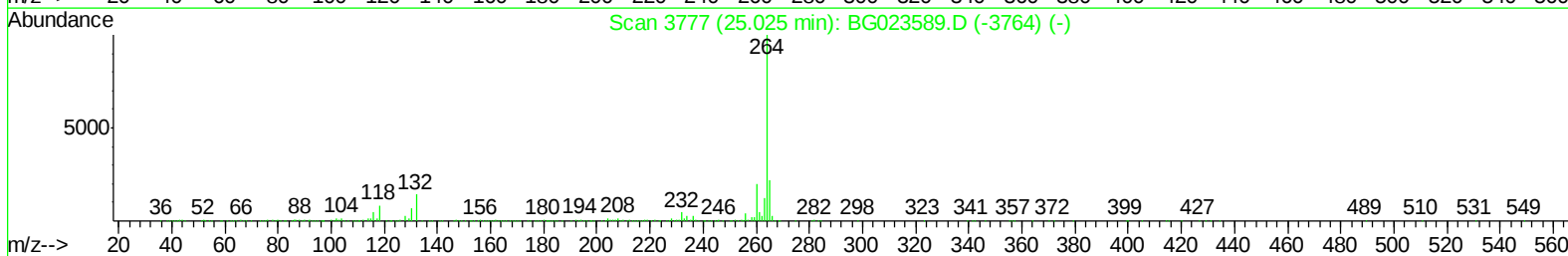
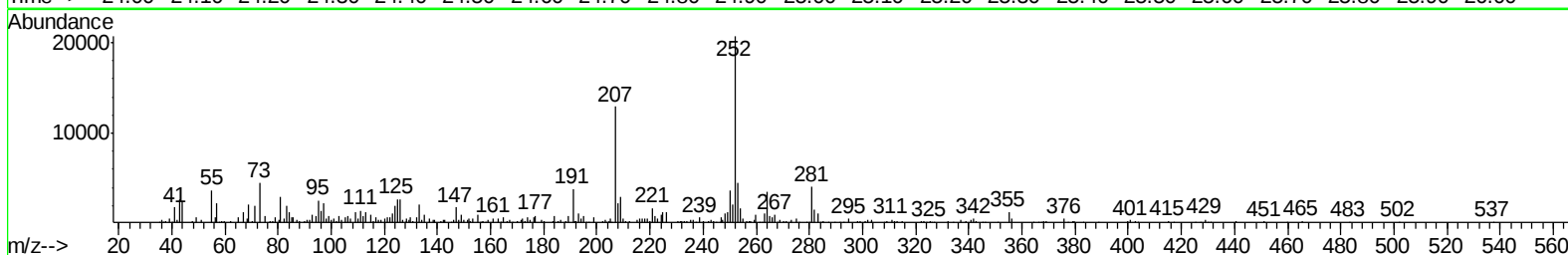
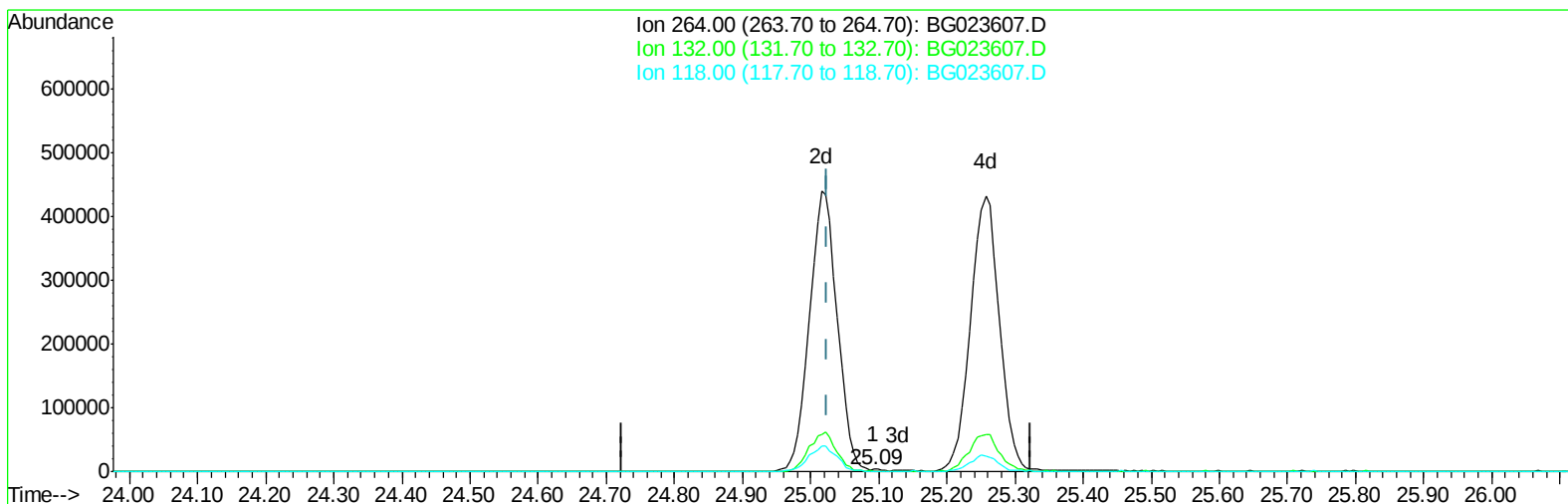
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Acq On : 11 Aug 2016 00:27
Operator : UM/SJ
Sample : H4384-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
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sohil
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Quant Time: Aug 11 04:01:04 2016
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TIC: BG023607.D

(87) Benzo(a)pyrene-d12 (S)

25.092min (+0.068) 0.05ng/ul

response 2754

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	20.30
118.00	11.60	10.65
0.00	0.00	0.00

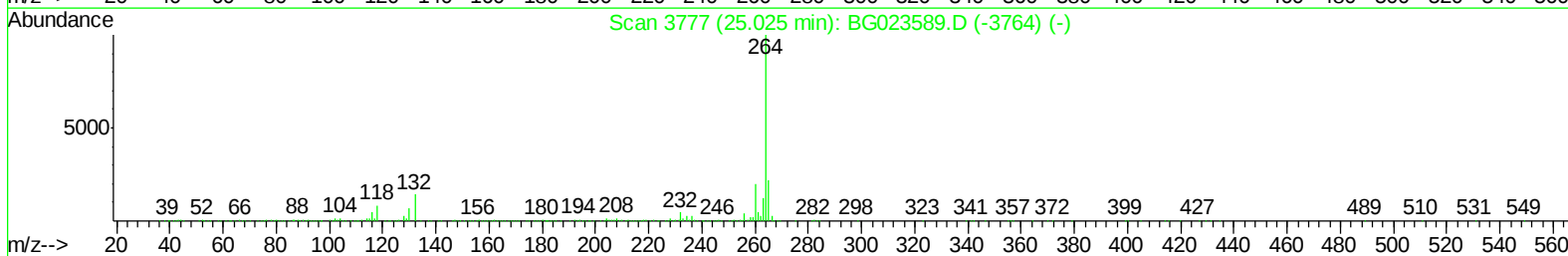
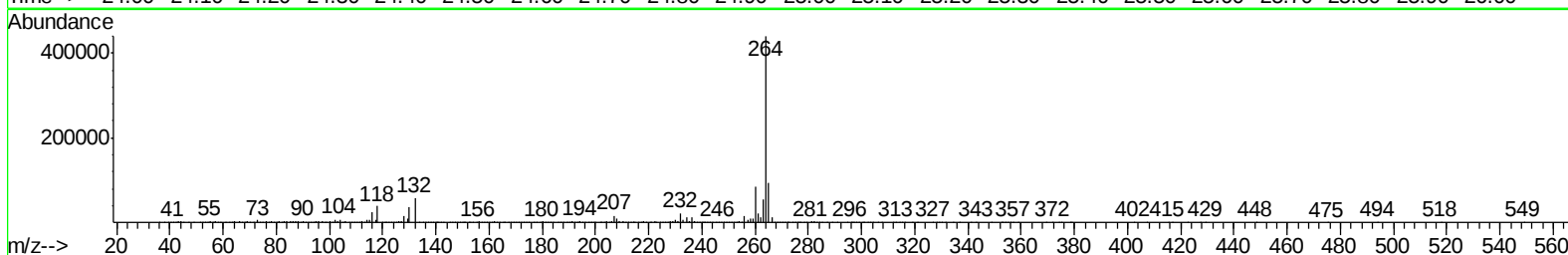
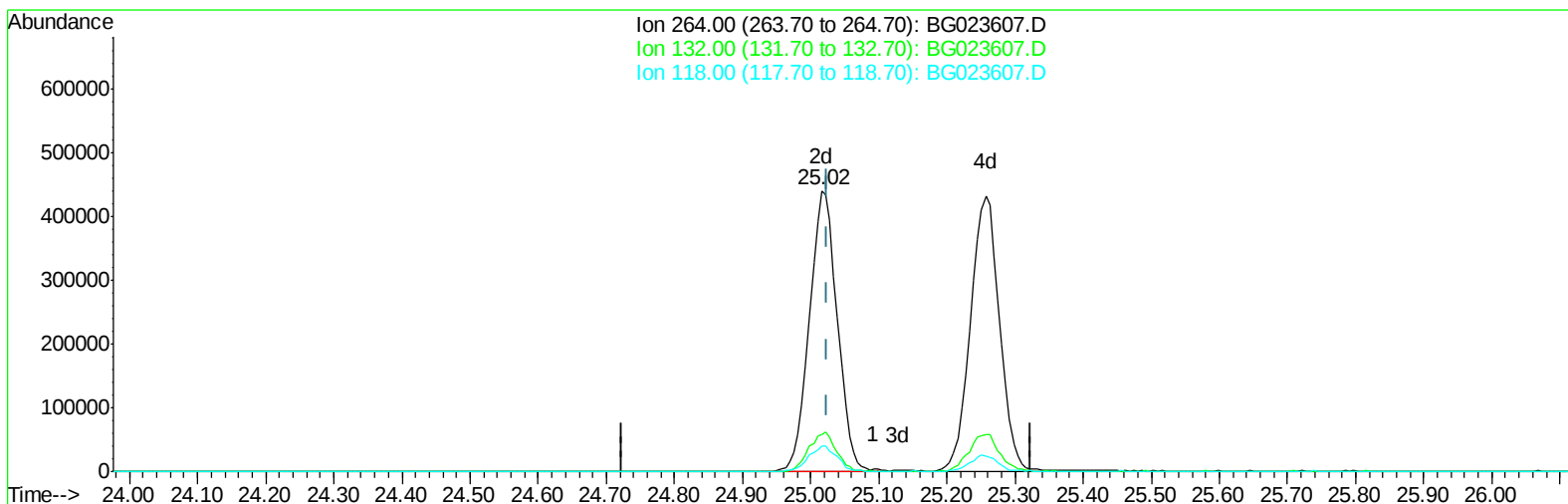
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Data File : BG023607.D
Acq On : 11 Aug 2016 00:27
Operator : UM/SJ
Sample : H4384-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

sohil
8/11/2016 6:13:06 PM

Quant Time: Aug 11 04:01:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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Response via : Initial Calibration



TIC: BG023607.D

(87) Benzo(a)pyrene-d12 (S)

25.016min (-0.008) 21.67ng/ul m

response 1249358

Ion	Exp%	Act%
264.00	100	100
132.00	20.60	13.13#
118.00	11.60	8.92#
0.00	0.00	0.00

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 Sample : H4384-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 P001-SS003-0612-01

Manual Integrations
 APPROVED

sohil
 8/11/2016 6:13:06 PM

Quant Time: Aug 11 05:36:27 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 03:58:16 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	152746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	717951	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	523846	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1295328	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1293426	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1273547	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	12834	3.57	ng/uL	0.00
5) Phenol-d5	7.26	99	288494	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	203269	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	204425	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	211797	17.63	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	114907	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	135078	20.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	240443	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	318340	22.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	916110	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1045356	21.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	139527	19.06	ng/ul	0.00
57) Fluorene-d10	15.78	176	845979	21.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	152606	18.36	ng/ul	0.00
70) Anthracene-d10	17.64	188	1255834	21.52	ng/ul	0.00
76) Pyrene-d10	19.93	212	1428081m	21.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.02	264	1249358m	21.67	ng/ul	0.00

Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	310684	7.32	ng/ul	97
69) Phenanthrene	17.59	178	93151	1.39	ng/ul	99
74) Fluoranthene	19.60	202	130630	1.90	ng/ul	95
77) Pyrene	19.96	202	173341	2.17	ng/ul#	91
82) Chrysene	21.91	228	78473	1.18	ng/ul	97

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

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