

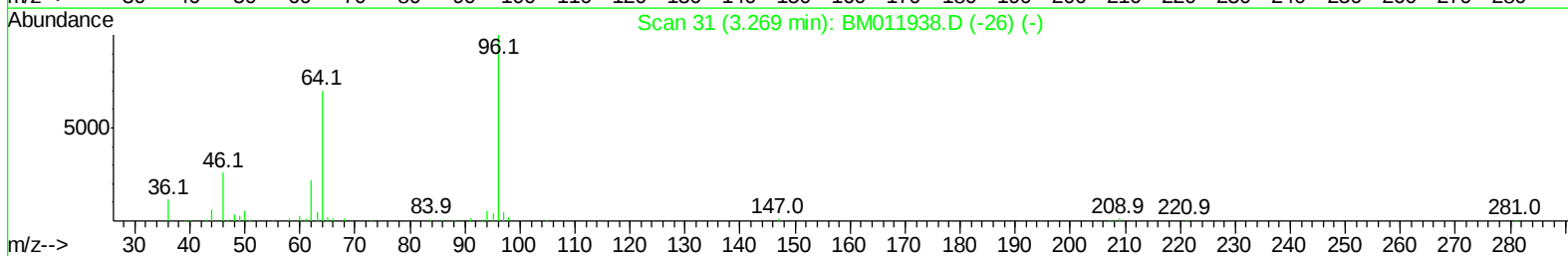
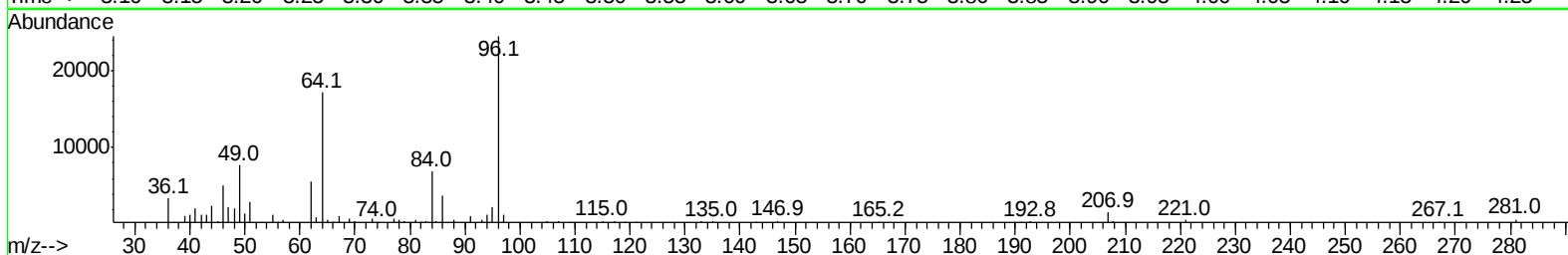
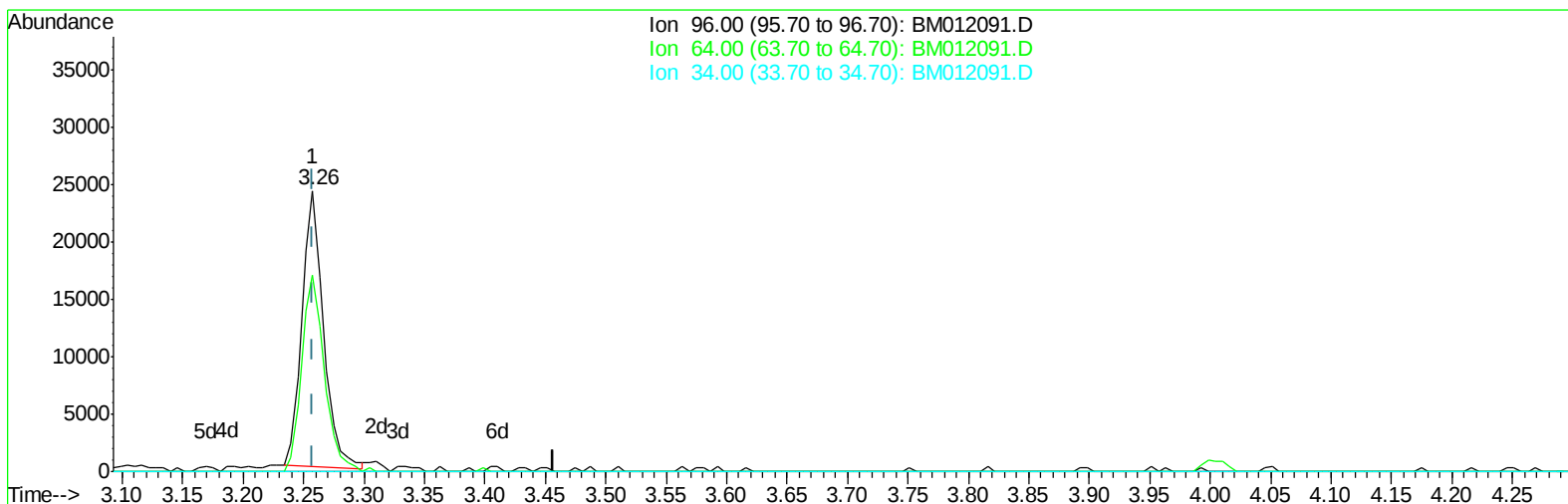
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012091.D
Acq On : 12 Oct 2017 04:50
Operator : SJ/JU
Sample : I5649-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-2

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:36 PM

Quant Time: Oct 12 06:43:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012091.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 4.48ng/uL

response 29787

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	75.33
34.00	0.00	0.00
0.00	0.00	0.00

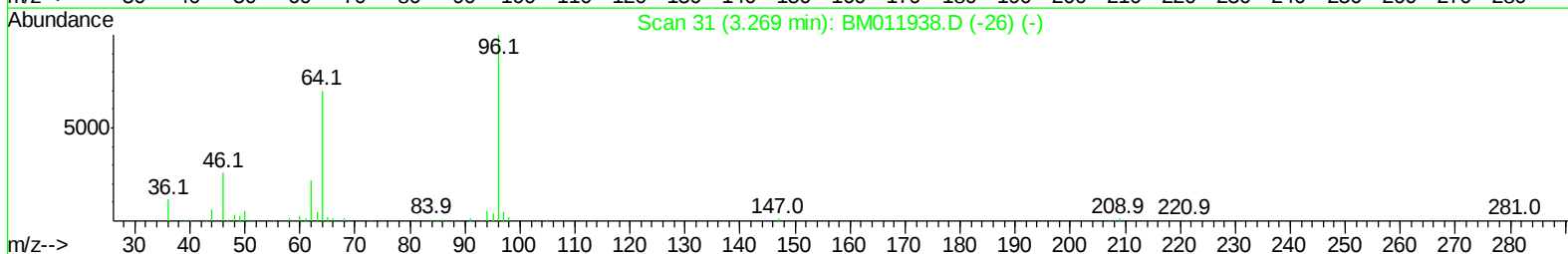
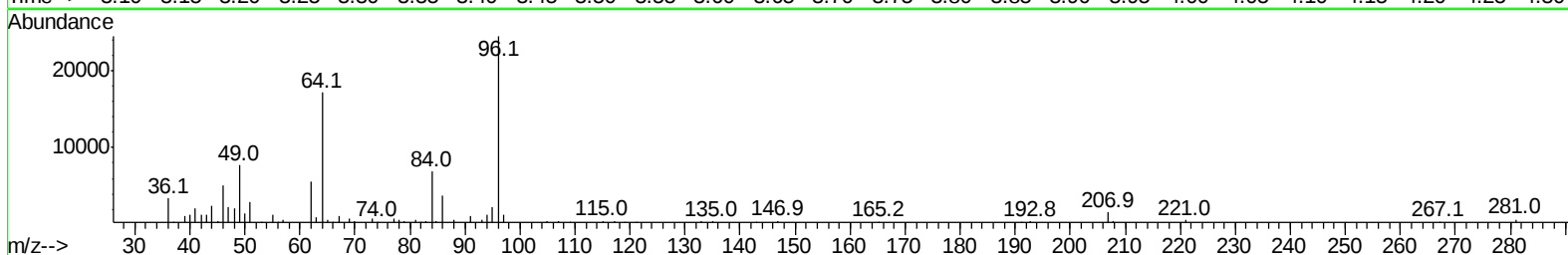
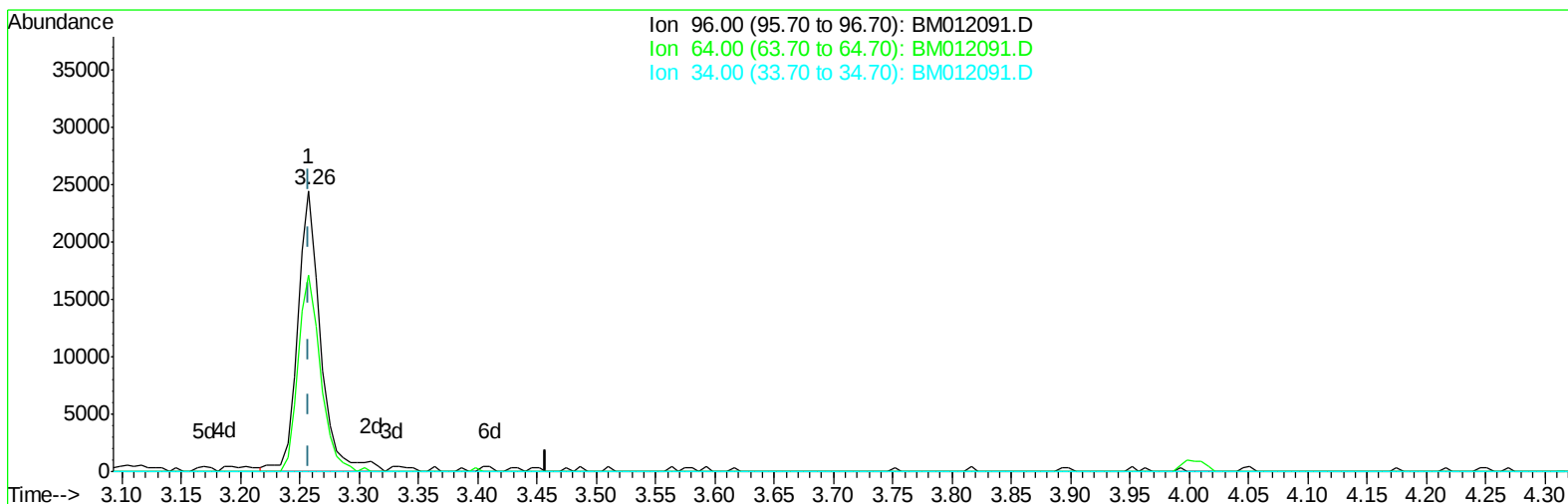
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TIC: BM012091.D

(3) 1,4-Dioxane-d8 (S)

3.257min (-0.000) 4.91ng/uL m

response 32656

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	68.72
34.00	0.00	0.00
0.00	0.00	0.00

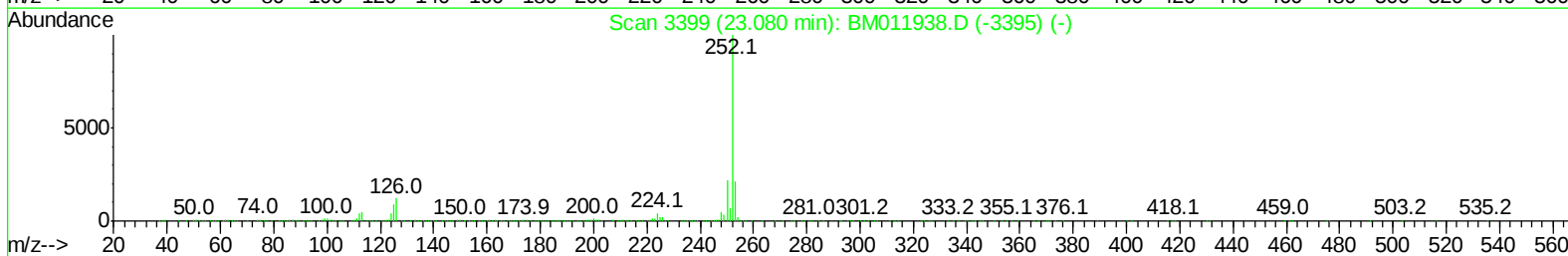
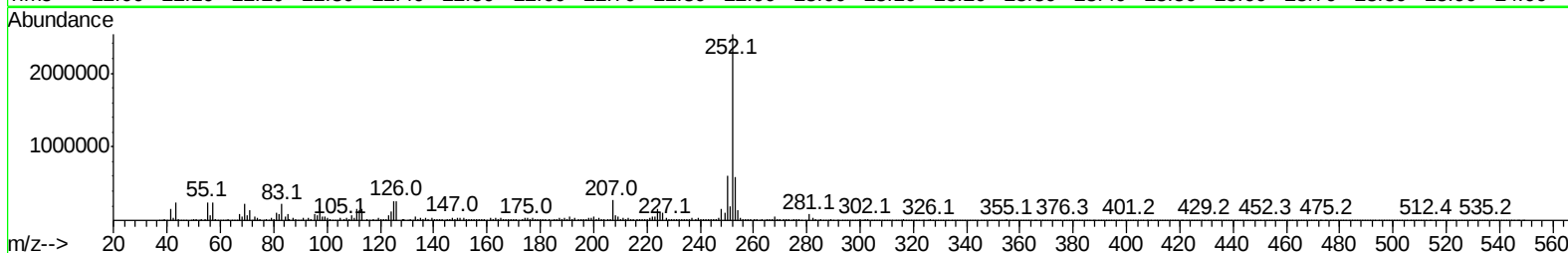
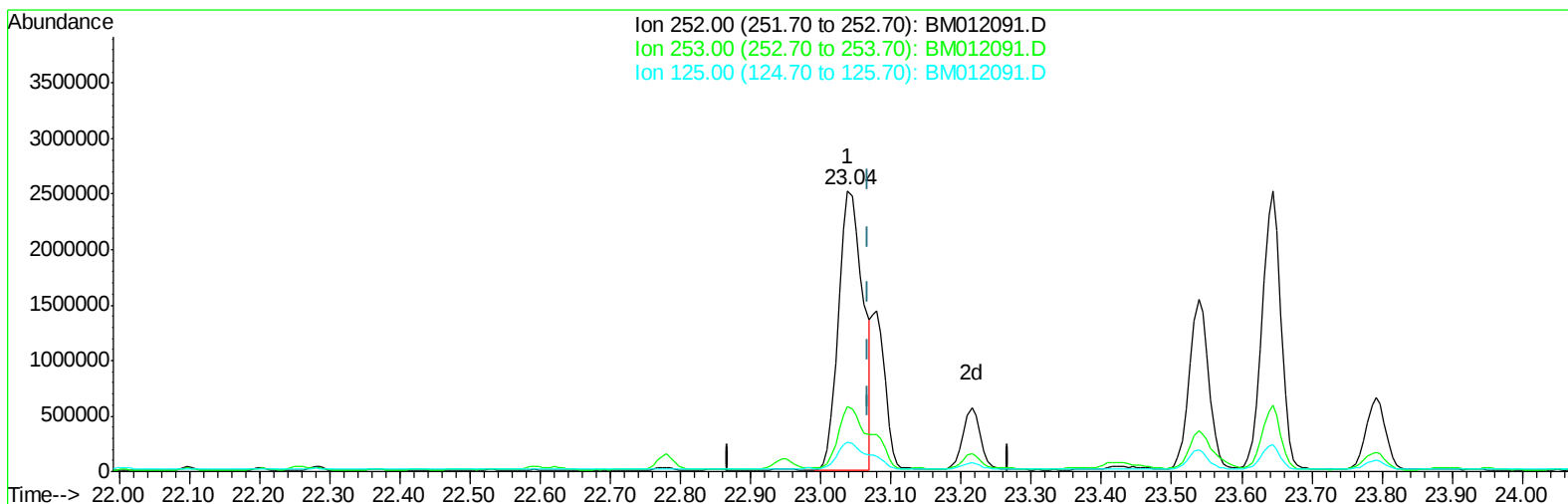
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:36 PM

Quant Time: Oct 12 06:49:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration



TIC: BM012091.D

(86) Benzo(k)fluoranthene

23.038min (-0.030) 58.27ng/ul

response 6045796

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.09
125.00	4.30	10.35#
0.00	0.00	0.00

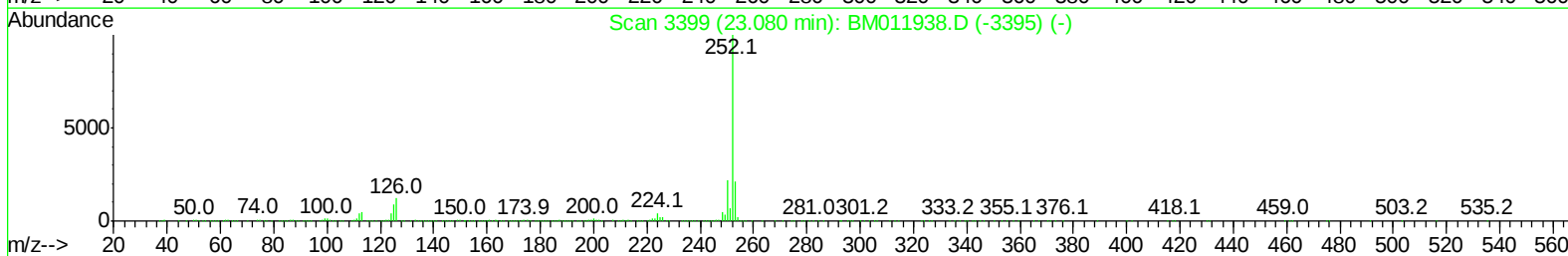
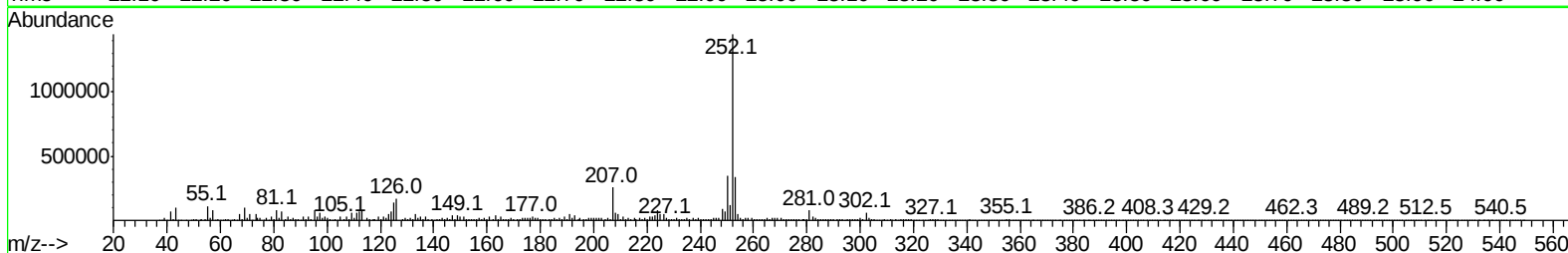
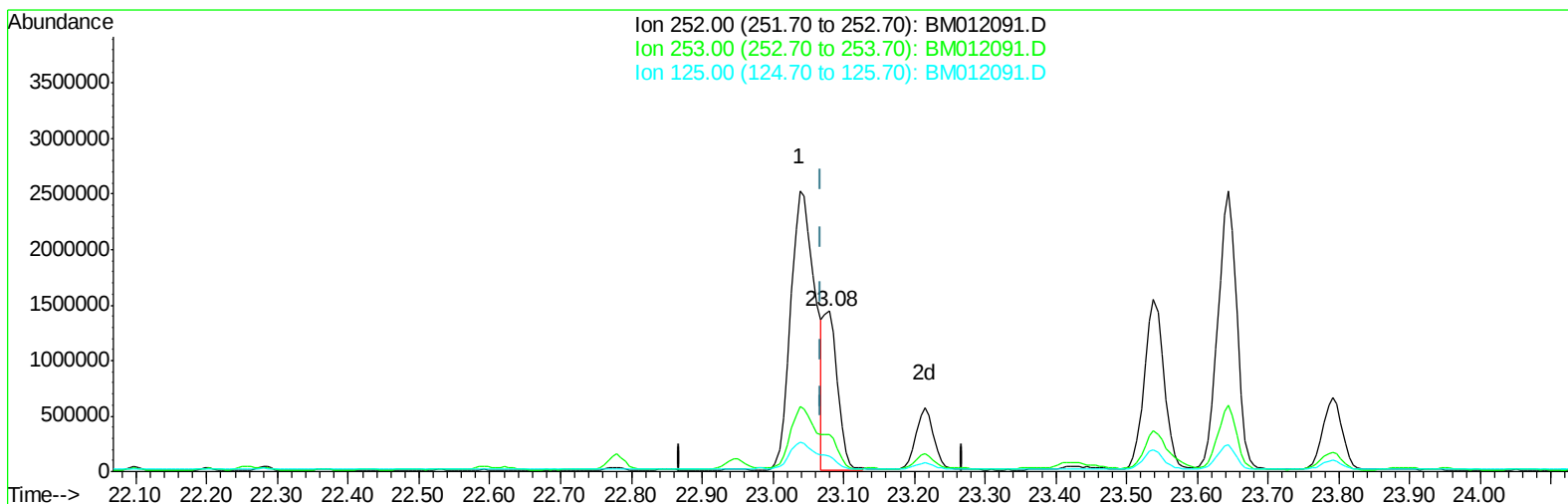
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Manual Integrations
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Quant Time: Oct 12 06:49:26 2017
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Response via : Initial Calibration



TIC: BM012091.D

(86) Benzo(k)fluoranthene

23.080min (+0.012) 18.90ng/ul m

response 1961226

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.44
125.00	4.30	9.39#
0.00	0.00	0.00

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Instrument :
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Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:09:36 PM

Quant Time: Oct 12 06:51:08 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 04:22:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	314496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1229008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	642433	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1327047	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1584809	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1709794	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	32656m	4.91	ng/uL	0.00
5) Phenol-d5	7.00	99	588882	21.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	390767	24.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	519424	23.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	487989	20.86	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	242524	27.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	267797	27.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	494245	24.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	358214	16.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1498352	26.91	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1856033	28.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	138605	14.25	ng/ul	0.00
57) Fluorene-d10	15.48	176	1239974	25.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	61262	6.86	ng/ul	0.00
70) Anthracene-d10	17.33	188	1785455	27.30	ng/ul	0.00
76) Pyrene-d10	19.63	212	2049484	28.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2256720	27.44	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.69	128	87879	1.425	ng/ul	98
44) Dimethylphthalate	13.94	163	569414	10.630	ng/ul	99
47) Acenaphthylene	14.22	152	283937	4.476	ng/ul	97
69) Phenanthrene	17.28	178	754248	10.333	ng/ul	98
71) Anthracene	17.37	178	490807	6.608	ng/ul	98
74) Fluoranthene	19.29	202	3192040	35.840	ng/ul#	90
77) Pyrene	19.66	202	3013214	34.290	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	3783098	41.669	ng/ul	96
82) Chrysene	21.45	228	3215911	37.280	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	6045796	58.174	ng/ul#	96
86) Benzo(k)fluoranthene	23.08	252	1961226m	18.902	ng/ul	
88) Benzo(a)pyrene	23.64	252	4644957	46.514	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.12	276	3332318	31.183	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.12	278	860611	9.801	ng/ul#	82
91) Benzo(g,h,i)perylene	26.86	276	2744182	31.044	ng/ul#	91

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

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Manual Integrations
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10/13/2017 12:09:36 PM

