

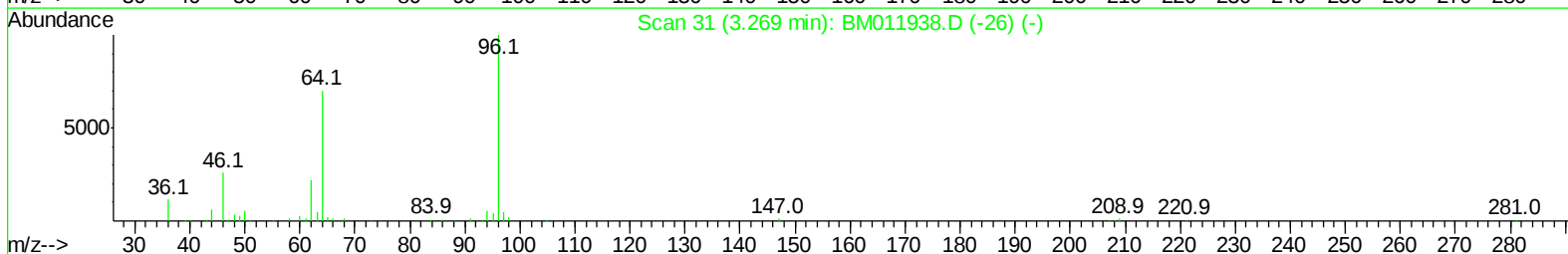
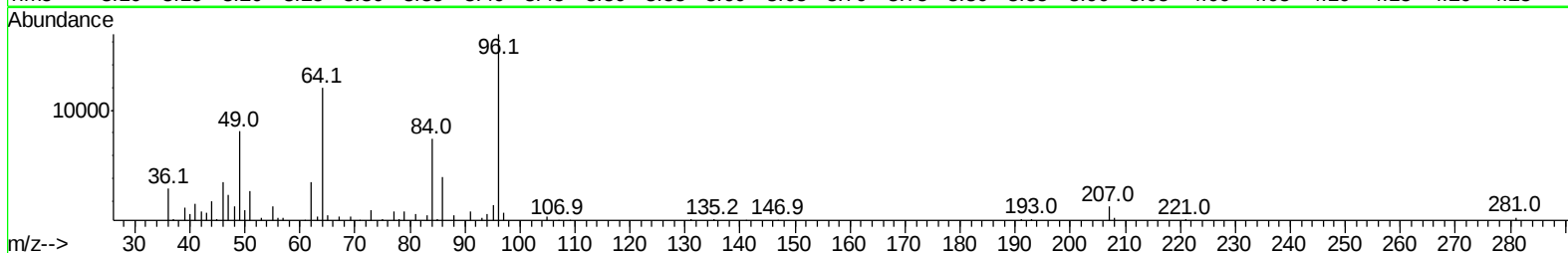
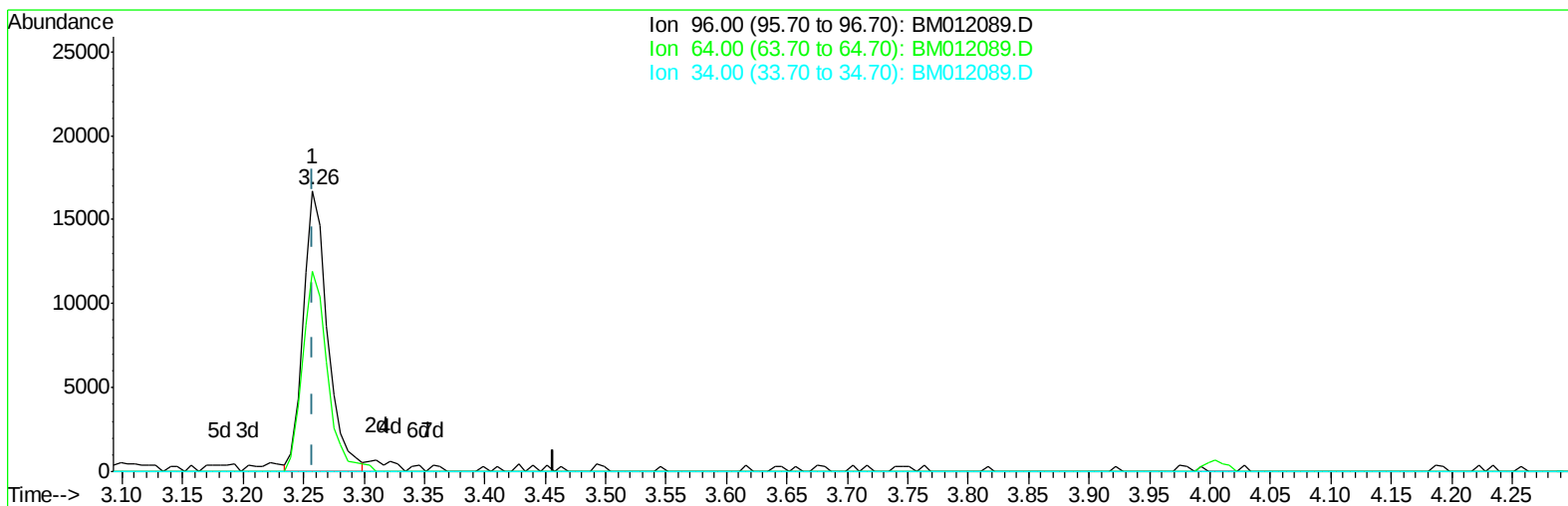
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
Data File : BM012089.D
Acq On : 12 Oct 2017 03:38
Operator : SJ/JU
Sample : I5649-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-59(5-7)-100317

Manual Integrations
APPROVED

Sohil
10/13/2017 12:09:32 PM

Quant Time: Oct 12 04:29:14 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: BM012089.D

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

3.257min (-0.000) 2.94ng/uL

response 23531

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	71.37
34.00	0.00	0.00
0.00	0.00	0.00

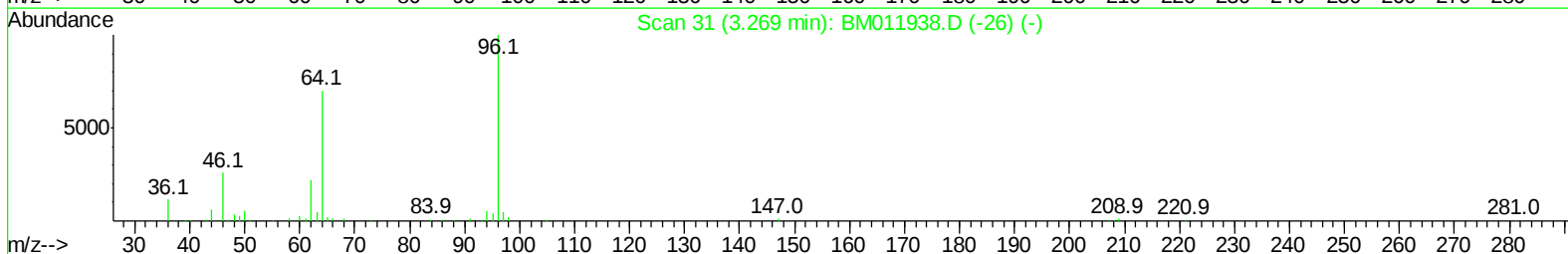
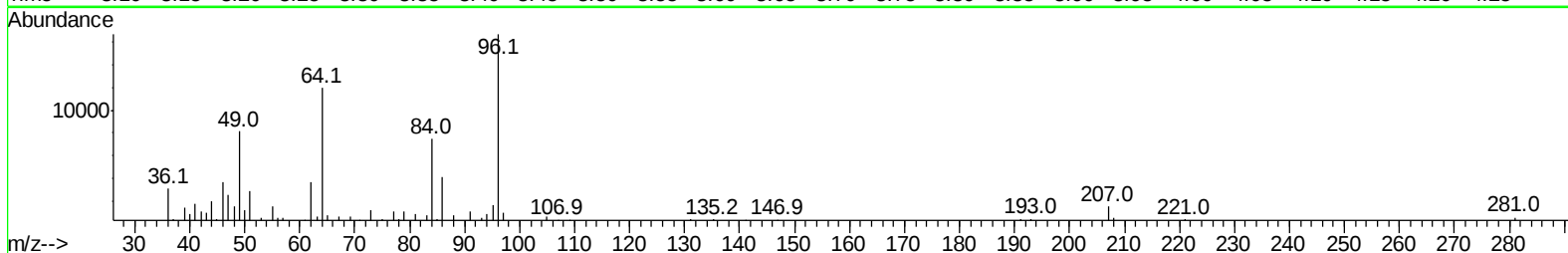
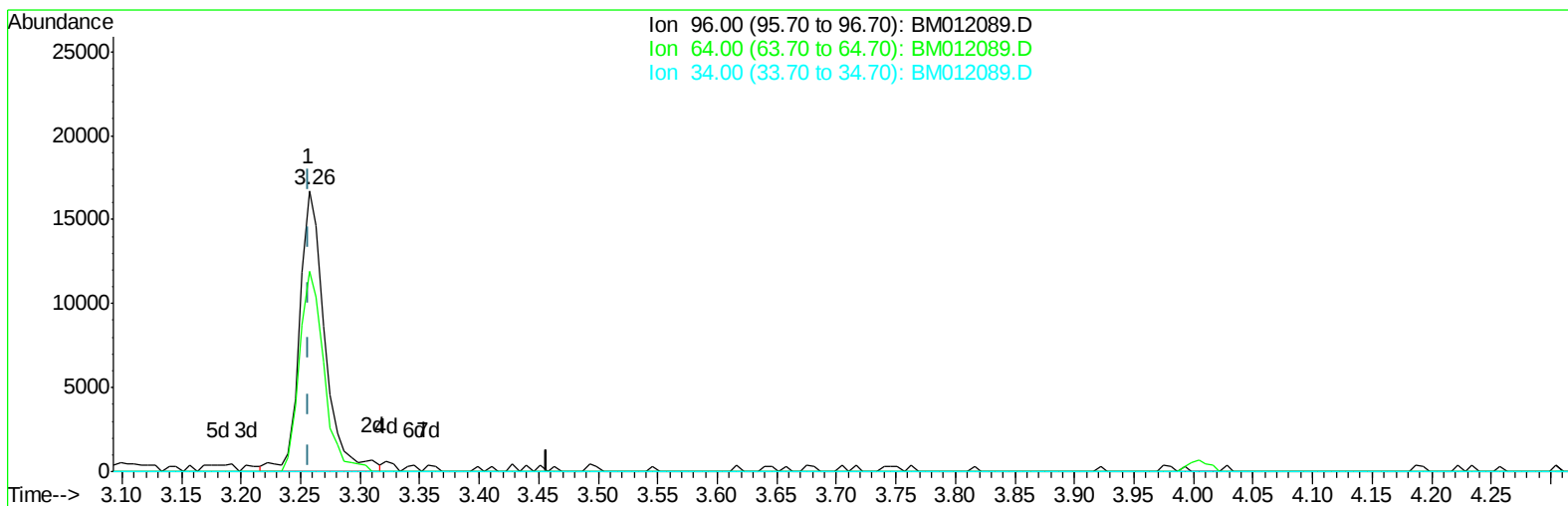
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TIC: BM012089.D

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

3.257min (-0.000) 3.07ng/uL m

response 24588

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	68.31
34.00	0.00	0.00
0.00	0.00	0.00

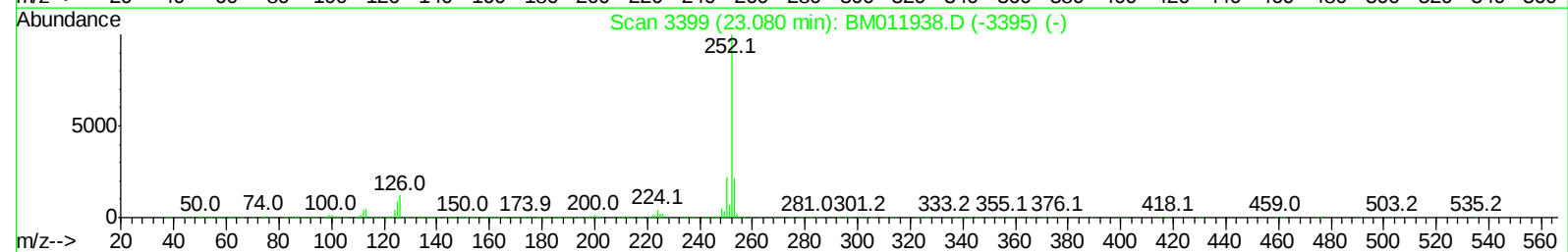
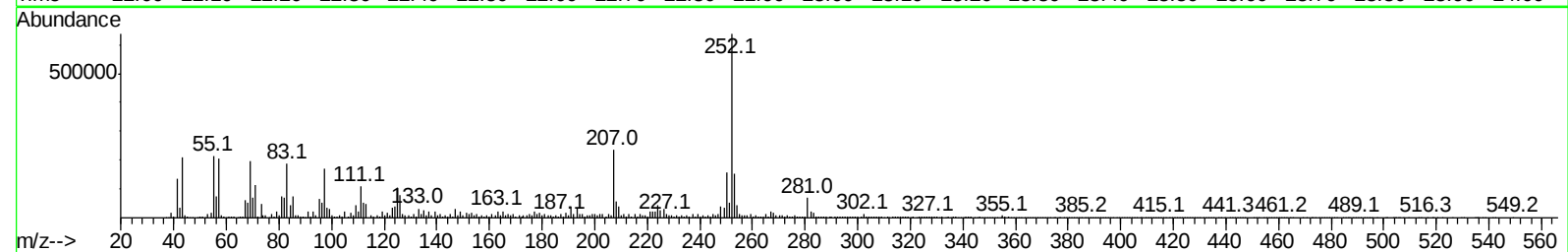
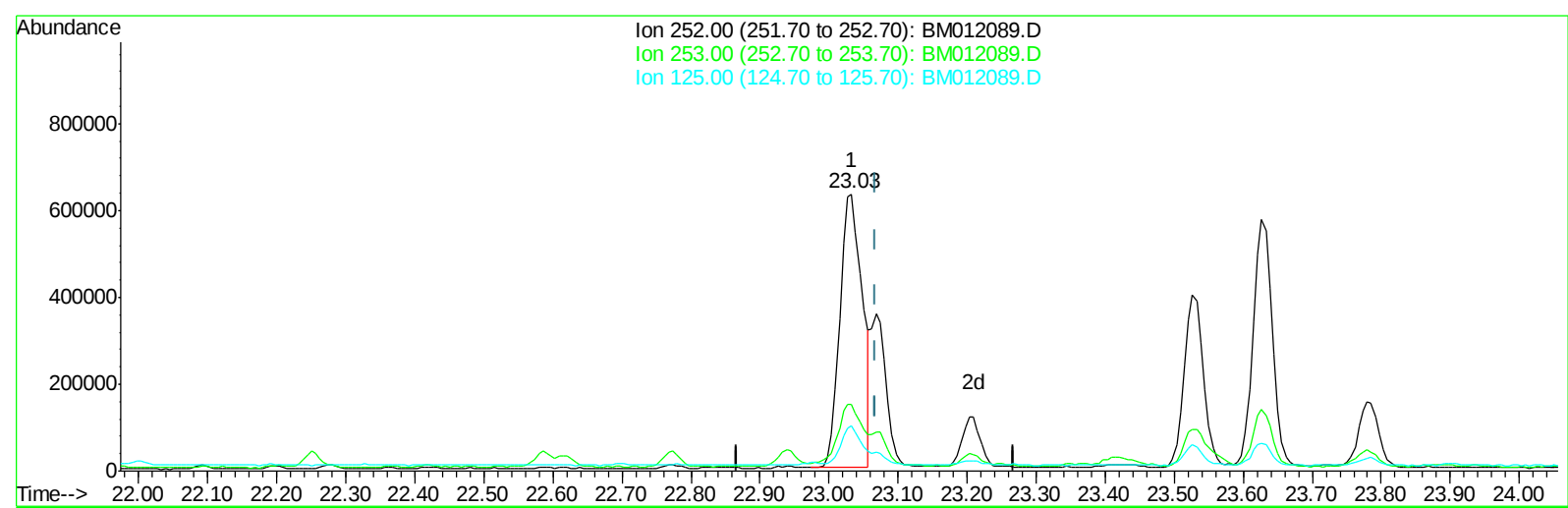
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
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Instrument :
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Manual Integrations
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Quant Time: Oct 12 06:32:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
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TIC: BM012089.D

(86) Benzo(k)fluoranthene

23.033min (-0.035) 13.12ng/ul

response 1435015

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.20
125.00	4.30	16.54#
0.00	0.00	0.00

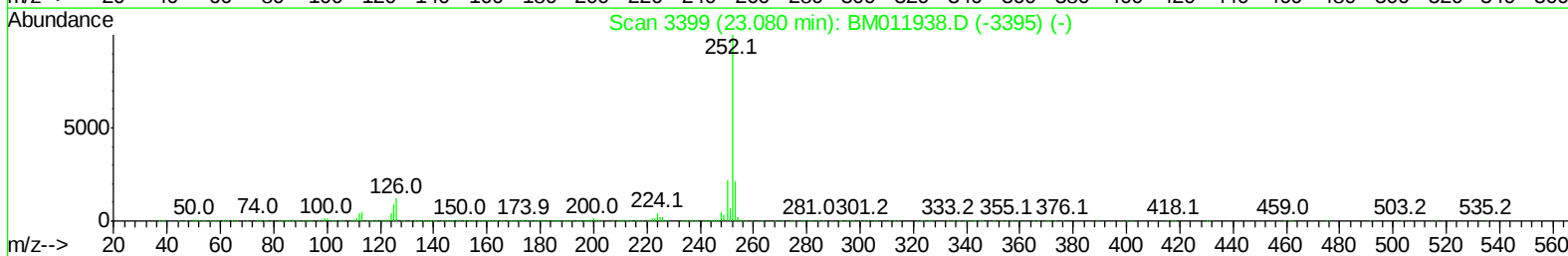
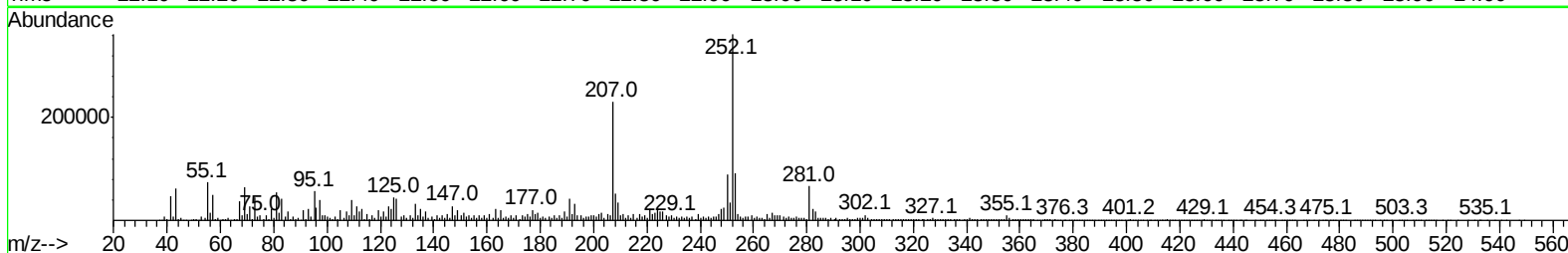
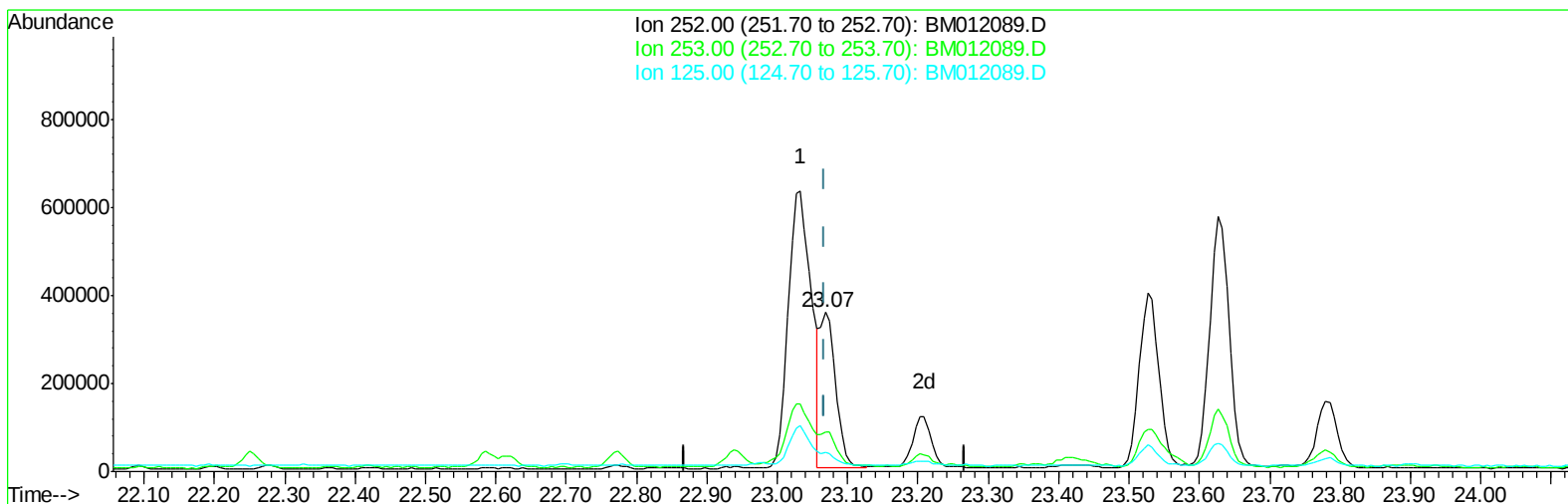
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Acq On : 12 Oct 2017 03:38
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Instrument :
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Quant Time: Oct 12 06:32:36 2017
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TIC: BM012089.D

(86) Benzo(k)fluoranthene

23.068min (-0.000) 5.00ng/ul m

response 546589

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.25
125.00	4.30	12.13#
0.00	0.00	0.00

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Manual Integrations
 APPROVED

Sohil
 10/13/2017 12:09:32 PM

Quant Time: Oct 12 06:34:07 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	378981	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1423481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	719732	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1482949	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1612754	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1802573	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	24588m	3.07	ng/uL	0.00
5) Phenol-d5	7.00	99	492855	15.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	315902	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	437027	16.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	386024	13.70	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	198703	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	221985	19.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	400989	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	251956	10.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1171877	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1440596	19.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	108985	10.00	ng/ul	0.00
57) Fluorene-d10	15.48	176	945923	17.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	83831	8.40	ng/ul	0.00
70) Anthracene-d10	17.33	188	1387267	18.98	ng/ul	0.00
76) Pyrene-d10	19.62	212	1490120	20.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1651346	19.04	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.94	163	471161	7.851	ng/ul	100
69) Phenanthrene	17.27	178	974919	11.952	ng/ul	99
71) Anthracene	17.37	178	255233	3.075	ng/ul	99
74) Fluoranthene	19.29	202	1741784	17.501	ng/ul#	91
77) Pyrene	19.65	202	1589298	17.773	ng/ul#	88
80) Benzo(a)anthracene	21.39	228	997636	10.798	ng/ul	95
82) Chrysene	21.44	228	1000167	11.393	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1435015	13.097	ng/ul#	91
86) Benzo(k)fluoranthene	23.07	252	546589m	4.997	ng/ul	
88) Benzo(a)pyrene	23.63	252	1100735	10.455	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.10	276	846157	7.511	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.10	278	210317	2.272	ng/ul#	71
91) Benzo(g,h,i)perylene	26.84	276	797632	8.559	ng/ul#	91

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

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