

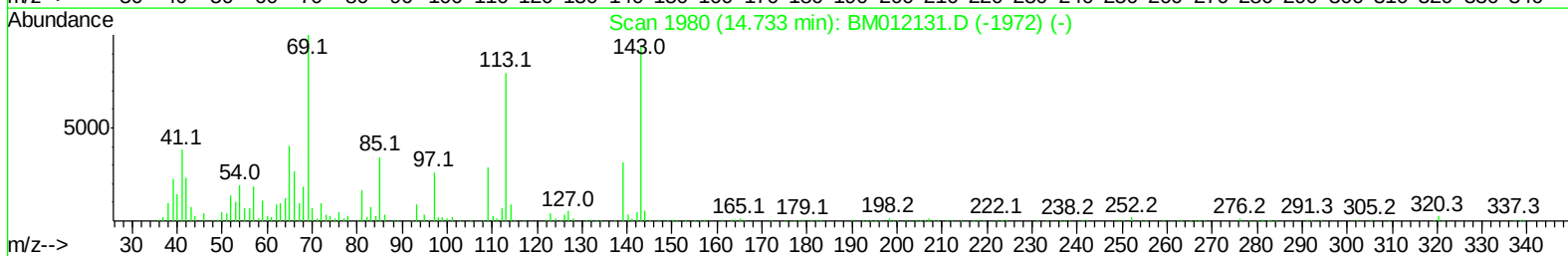
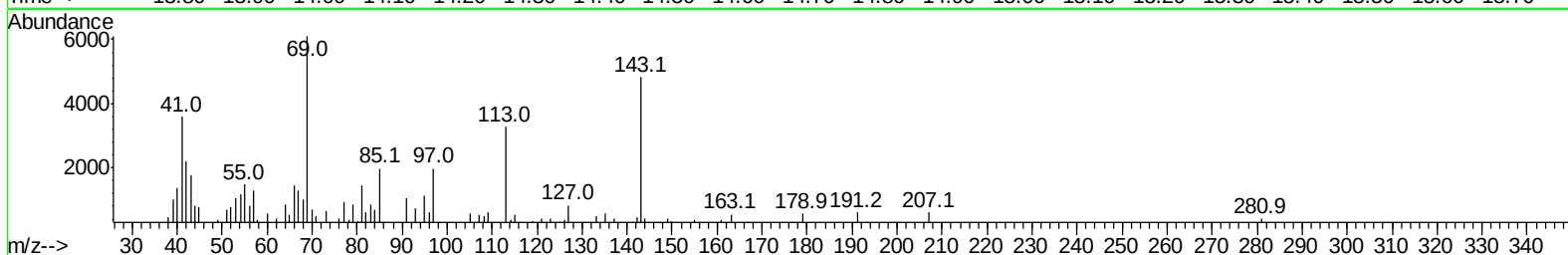
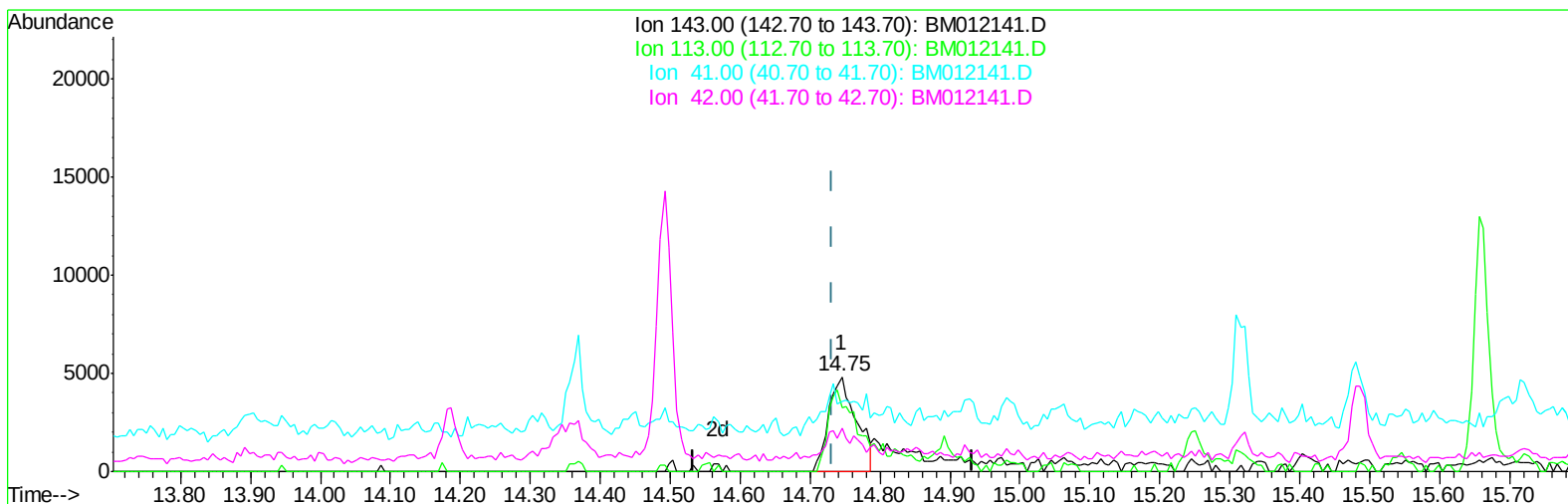
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012141.D
Acq On : 13 Oct 2017 17:45
Operator : SJ/JU
Sample : I5568-07DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-29(1-3)-092917DL

Manual Integrations
APPROVED

Sohil
6/22/2018 4:49:10 PM

Quant Time: Oct 14 01:23:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration



TIC: BM012141.D

(51) 4-Nitrophenol-d4 (S)

14.745min (+0.012) 1.81ng/ul

response 13357

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	67.71#
41.00	34.80	74.53#
42.00	20.50	45.87#

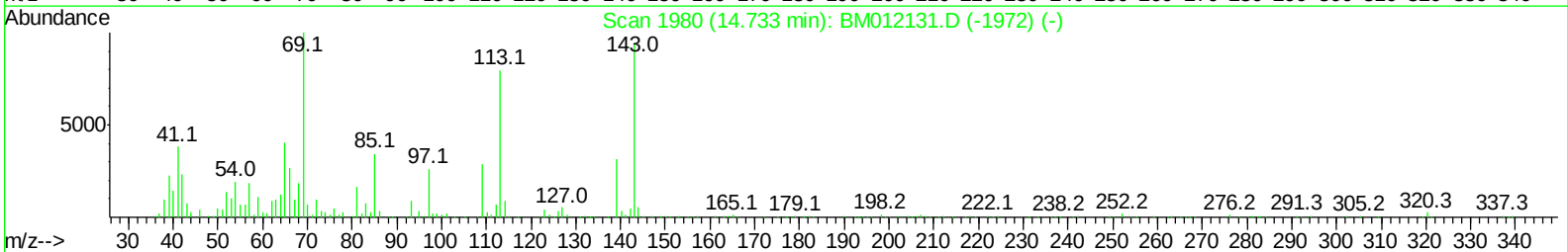
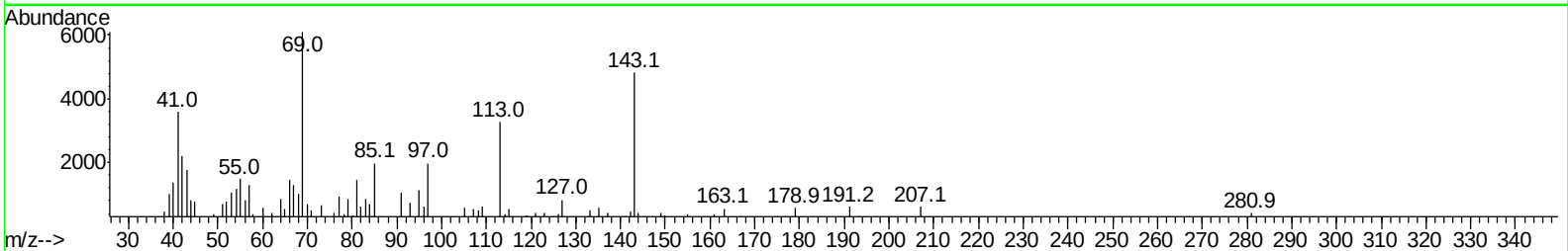
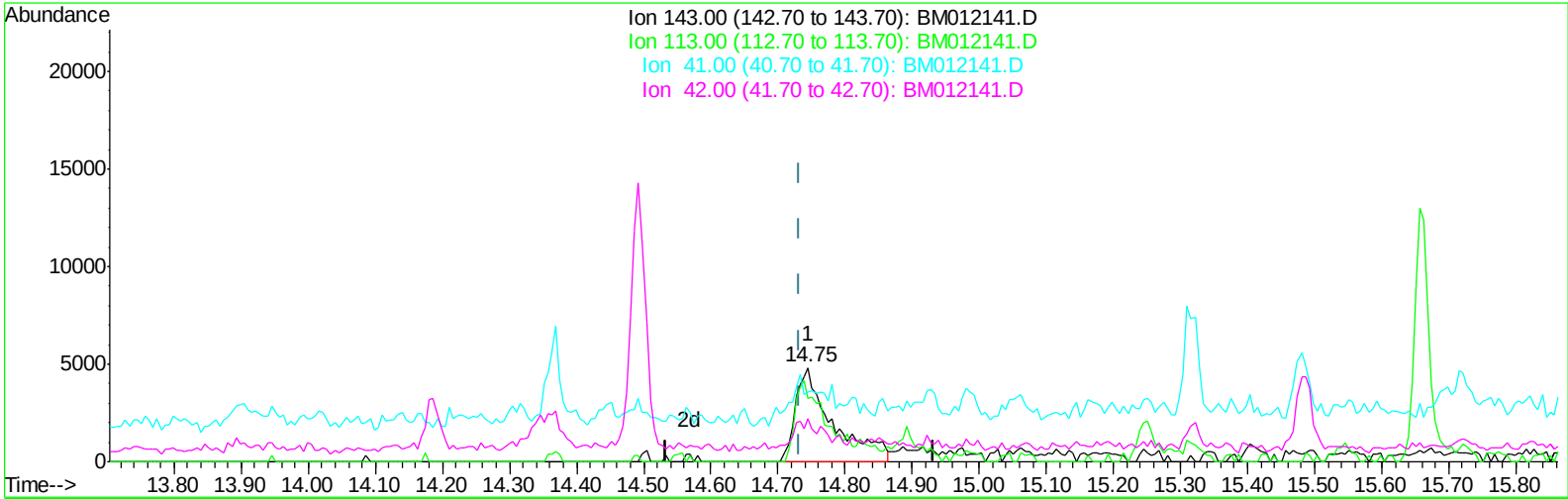
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TIC: BM012141.D

(51) 4-Nitrophenol-d4 (S)

14.745min (+0.012) 2.49ng/ul m

response 18397

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	67.71#
41.00	34.80	74.53#
42.00	20.50	45.87#

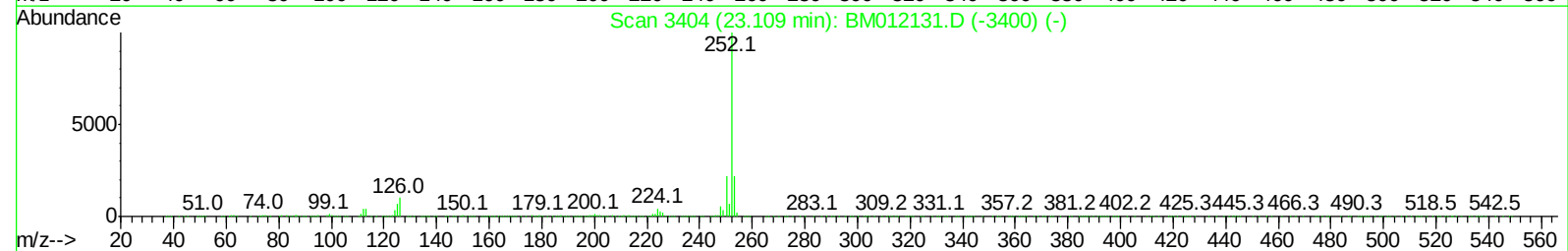
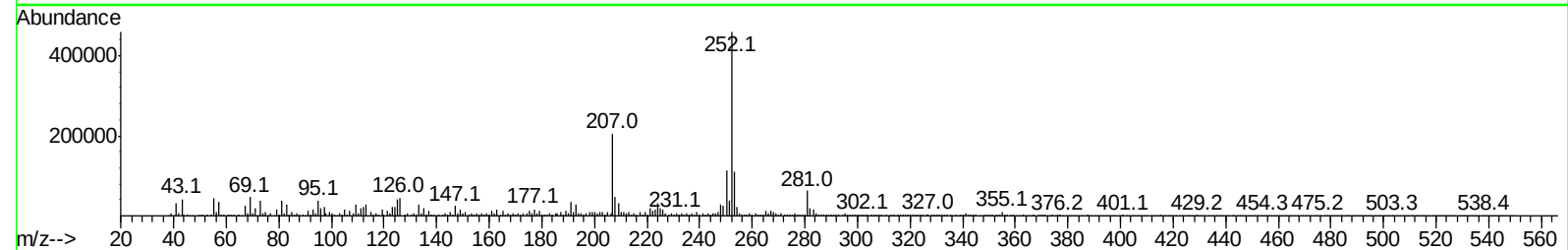
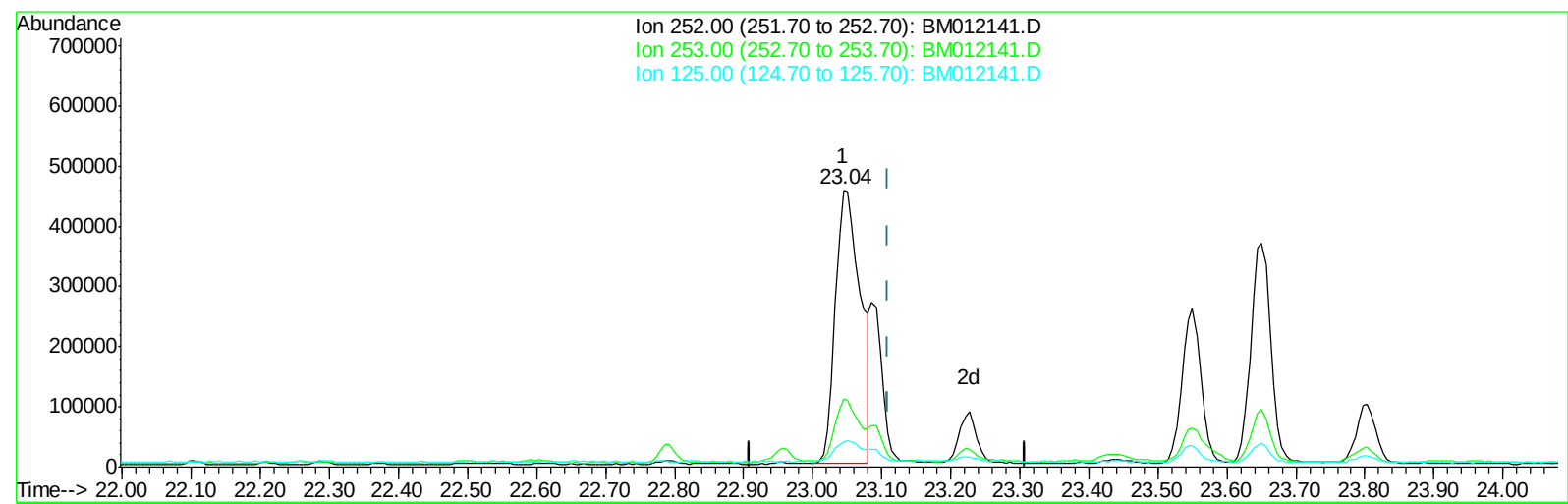
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Manual Integrations
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Quant Time: Oct 14 01:25:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BM012141.D

(86) Benzo(k)fluoranthene

23.045min (-0.065) 19.30ng/ul

response 1162084

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.34
125.00	4.30	9.29#
0.00	0.00	0.00

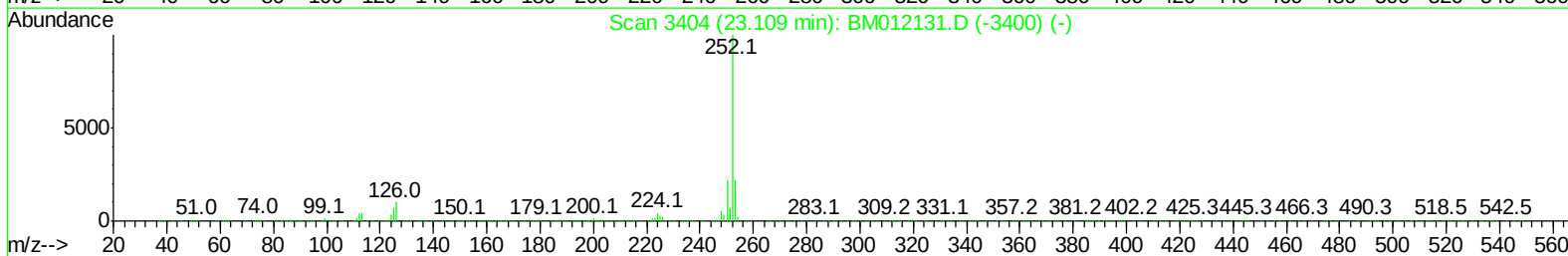
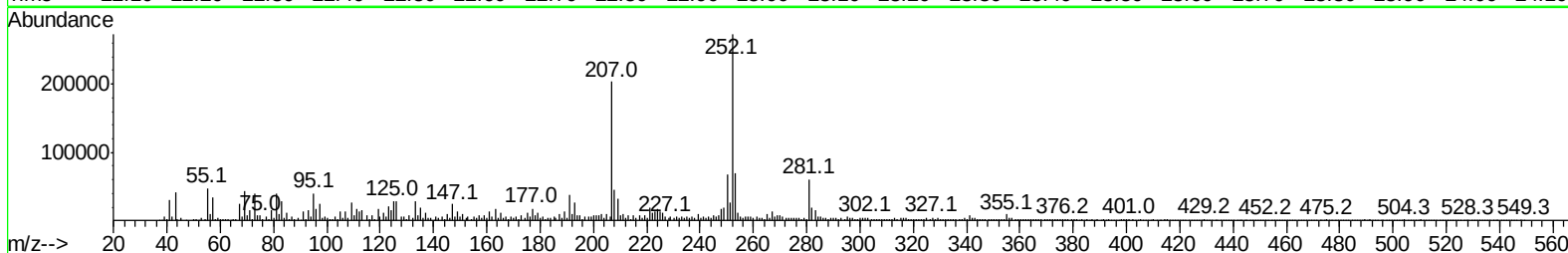
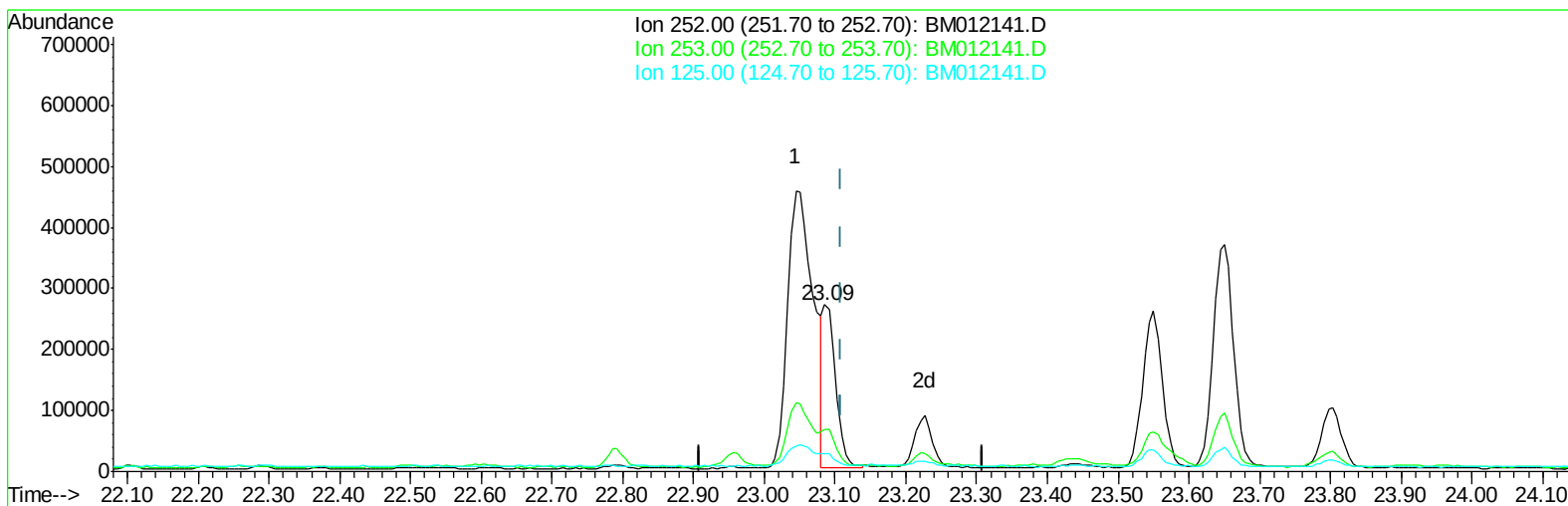
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ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Oct 14 01:25:35 2017
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TIC: BM012141.D

(86) Benzo(k)fluoranthene

23.086min (-0.023) 5.42ng/ul m

response 326221

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.41
125.00	4.30	10.46#
0.00	0.00	0.00

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 ALS Vial : 40 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 6/22/2018 4:49:10 PM

Quant Time: Oct 14 01:27:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	211933	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	910819	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.49	164	556472	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.24	188	1252677	20.00	ng/ul	-0.01
75) Chrysene-d12	21.42	240	1085492	20.00	ng/ul	-0.01
83) Perylene-d12	23.75	264	957620	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3057	0.69	ng/uL	0.00
5) Phenol-d5	7.02	99	71054	4.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	43698	4.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	63046	4.32	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	58815	3.97	ng/ul	-0.01
19) Nitrobenzene-d5	9.01	128	31525	4.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	34150	4.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	65226	4.21	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.79	131	52918	3.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	230973	4.70	ng/ul	-0.01
46) Acenaphthylene-d8	14.19	160	273036	4.59	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.75	143	18397m	2.49	ng/ul	0.01
57) Fluorene-d10	15.49	176	195756	4.85	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.64	200	2231	0.26	ng/ul	-0.01
70) Anthracene-d10	17.34	188	298014	4.81	ng/ul	-0.01
76) Pyrene-d10	19.63	212	304463	5.53	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.60	264	210865	4.57	ng/ul	-0.02

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.94	163	94658	1.921	ng/ul	100
49) Acenaphthene	14.56	153	45714	1.161	ng/ul	96
69) Phenanthrene	17.28	178	682697	9.580	ng/ul	99
71) Anthracene	17.37	178	172414	2.337	ng/ul	97
74) Fluoranthene	19.30	202	1745045	20.292	ng/ul#	92
77) Pyrene	19.66	202	1448349	20.204	ng/ul#	93
80) Benzo(a)anthracene	21.40	228	977340	13.837	ng/ul	97
82) Chrysene	21.46	228	882720	13.311	ng/ul	95
85) Benzo(b)fluoranthene	23.04	252	1162084	18.596	ng/ul#	94
86) Benzo(k)fluoranthene	23.09	252	326221m	5.417	ng/ul	
88) Benzo(a)pyrene	23.65	252	735352	12.485	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	26.14	276	438901	7.017	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.13	278	125697	2.391	ng/ul#	70
91) Benzo(g,h,i)perylene	26.88	276	384584	7.507	ng/ul#	90

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

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