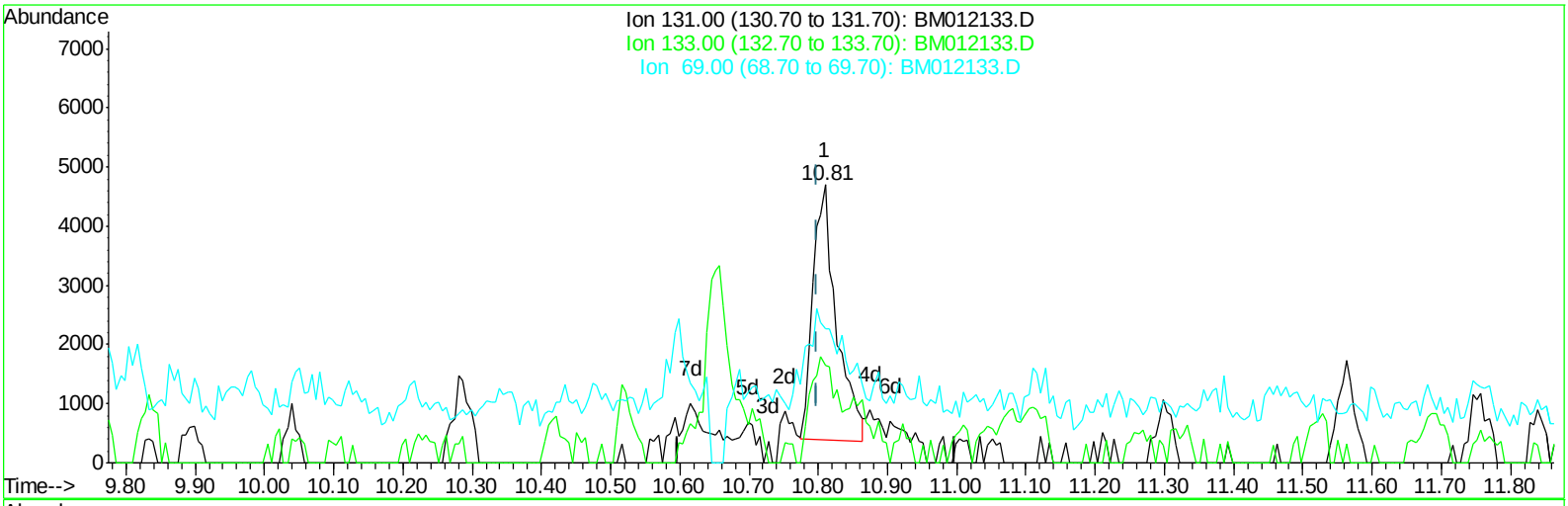
Quantitation Report (Qedit)

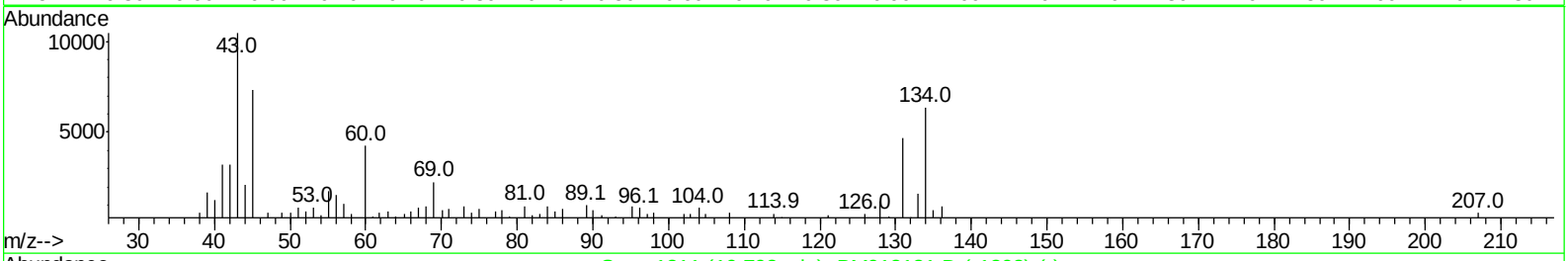
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012133.D
Acq On : 13 Oct 2017 12:42
Operator : SJ/JU
Sample : I5568-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

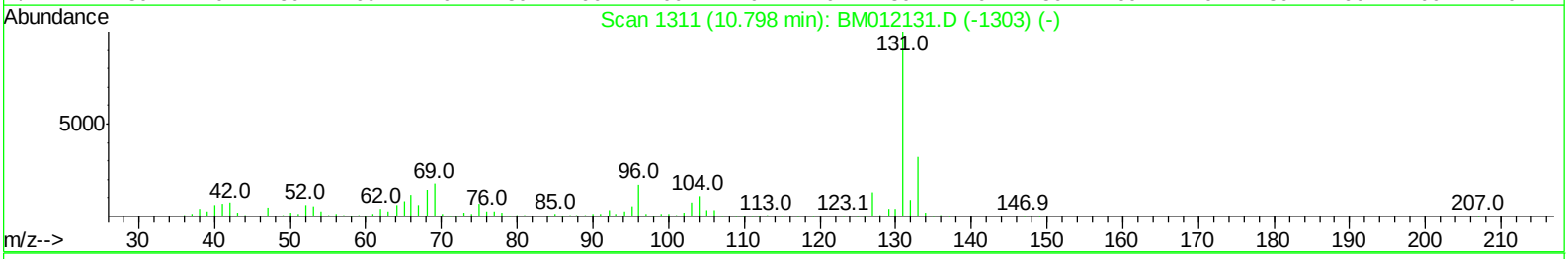
Quant Time: Oct 14 00:30:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-53(1-3)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:08 PM







TIC: BM012133.D

(29) 4-Chloroaniline-d4 (S)

10.810min (+0.012) 0.86ng/ul

response 10110

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	35.00
69.00	24.30	48.42#
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
Sohil
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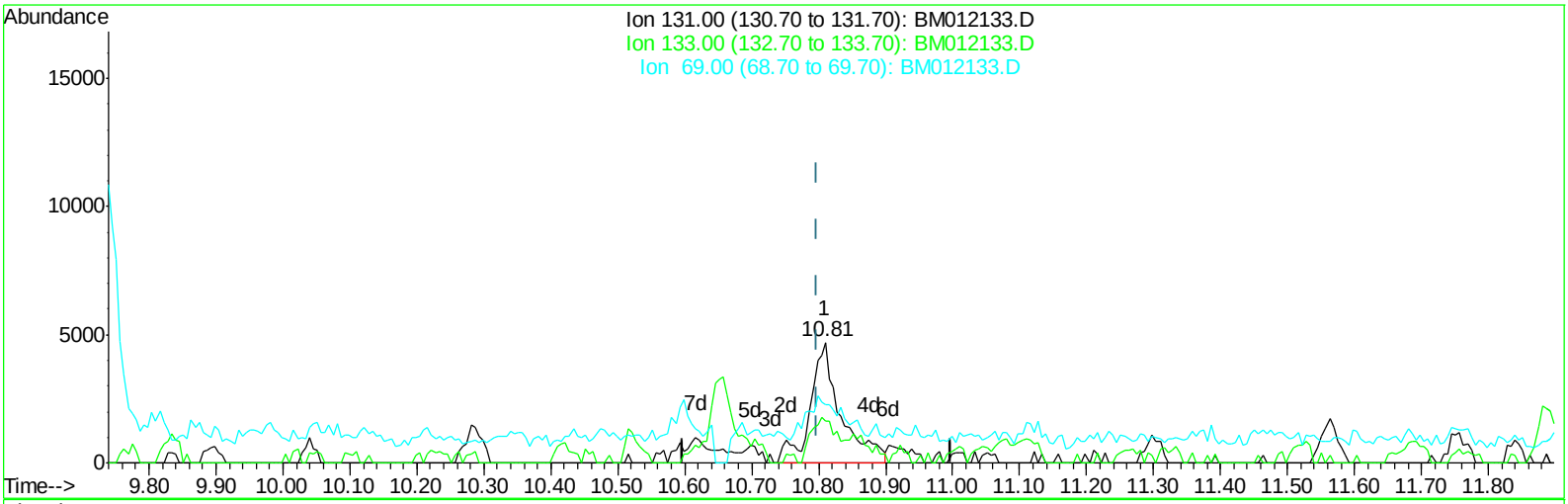
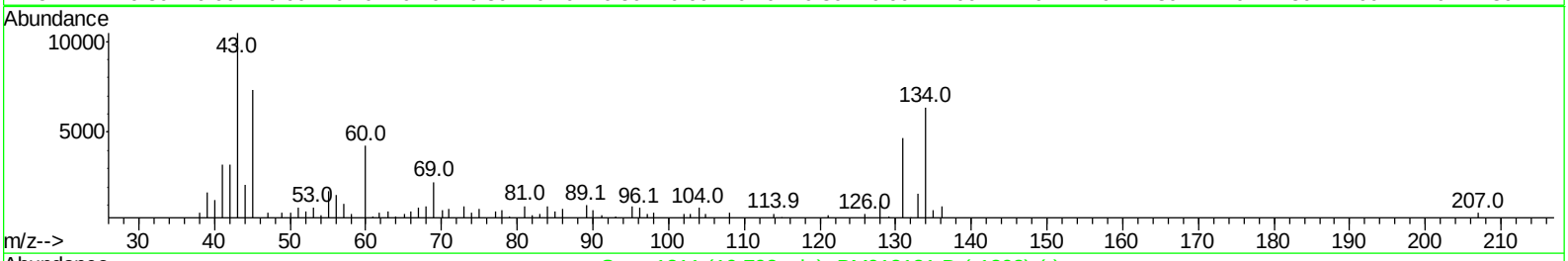
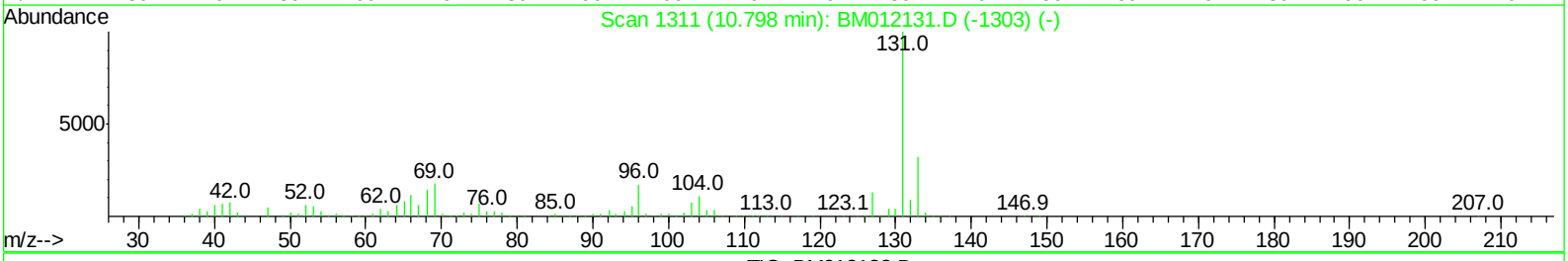






TIC: BM012133.D

(29) 4-Chloroaniline-d4 (S)

10.810min (+0.012) 1.27ng/ul m

response 14992

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	35.00
69.00	24.30	48.42#
0.00	0.00	0.00

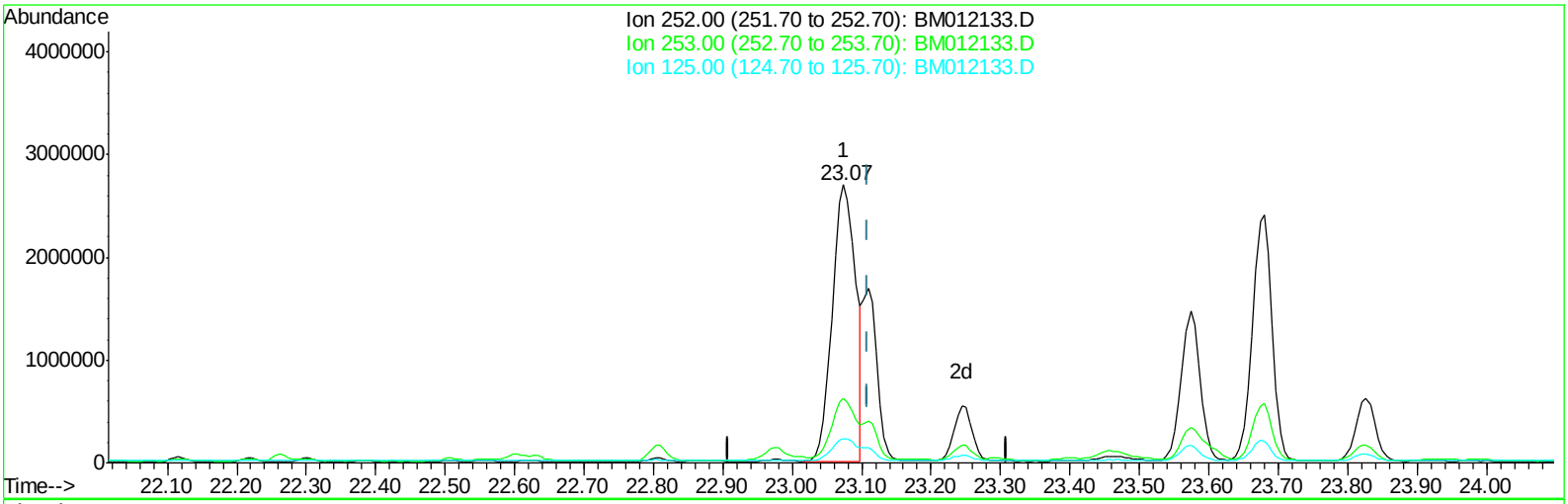
Quantitation Report (Qedit)

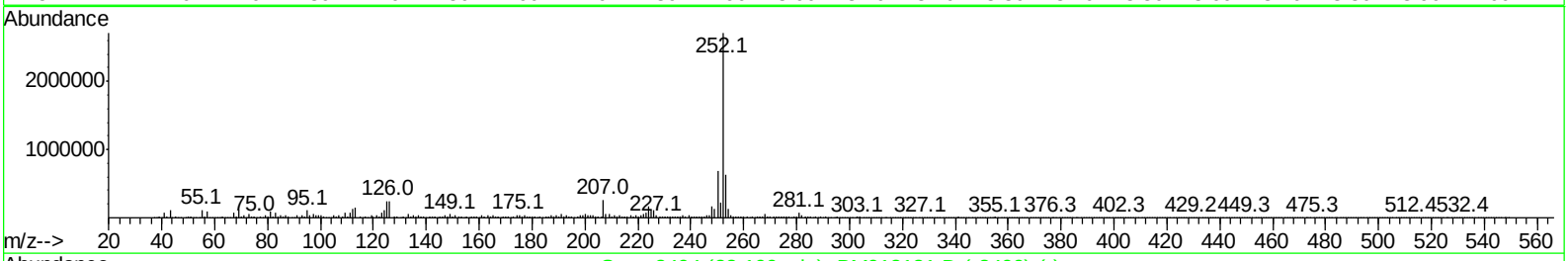
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012133.D
Acq On : 13 Oct 2017 12:42
Operator : SJ/JU
Sample : I5568-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

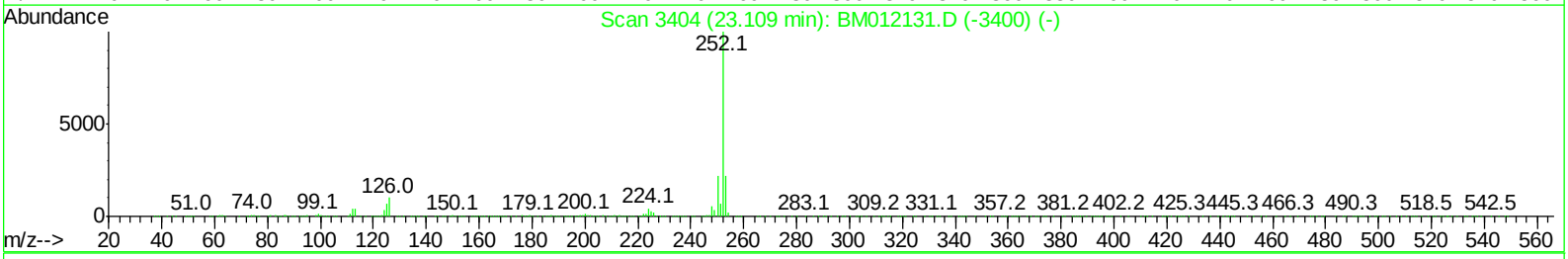
Quant Time: Oct 14 00:31:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-53(1-3)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:08 PM







TIC: BM012133.D

(86) Benzo(k)fluoranthene

23.074min (-0.035) 88.96ng/ul

response 6322489

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.08
125.00	4.30	8.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
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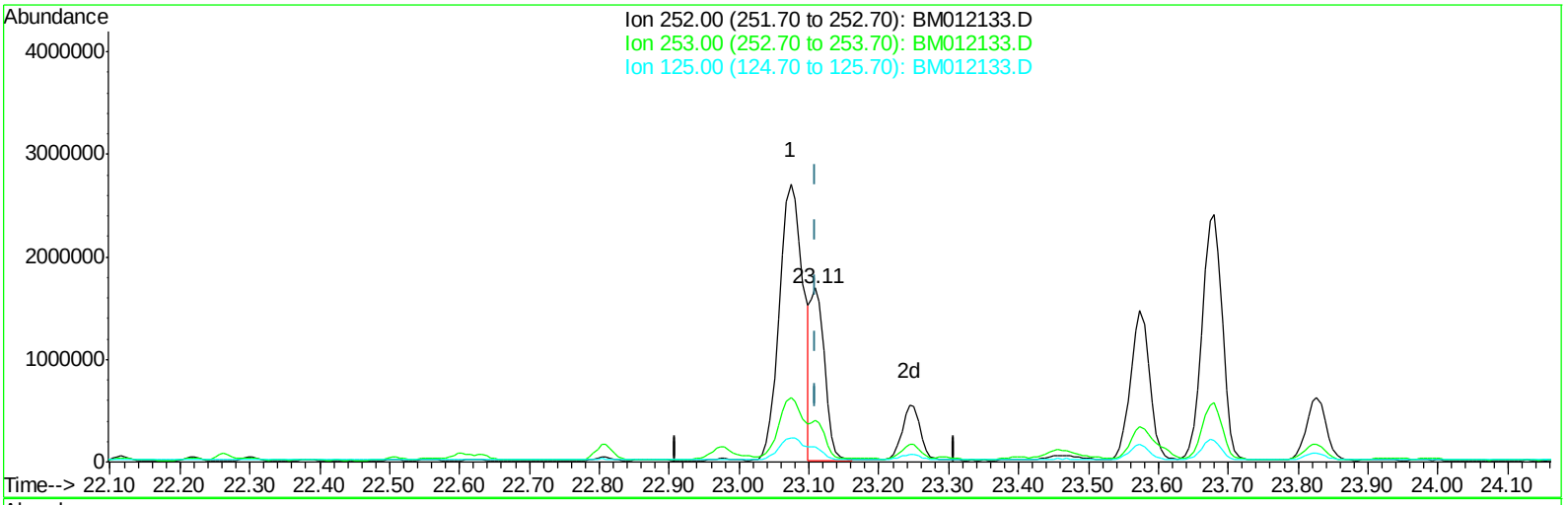
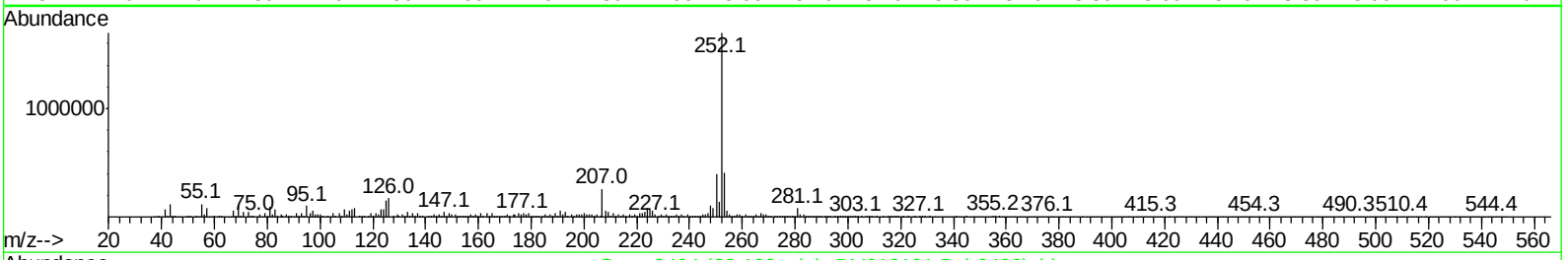
Acq On : 13 Oct 2017 12:42
Operator : SJ/JU
Sample : I5568-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

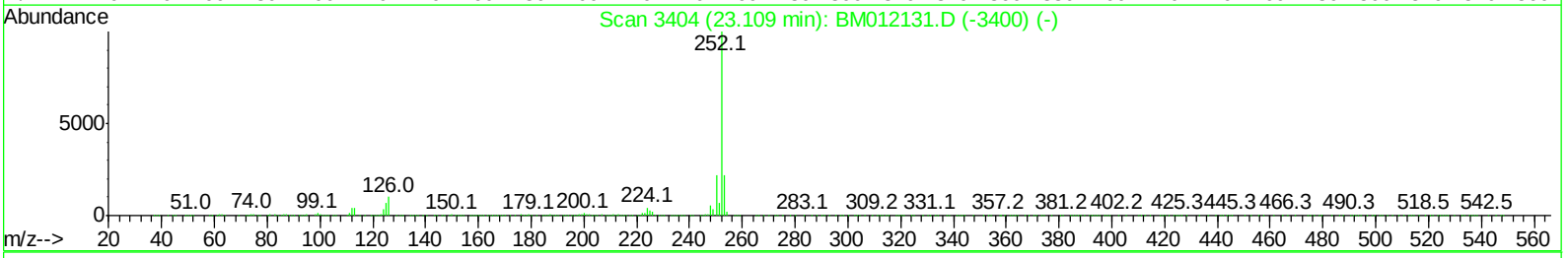
Quant Time: Oct 14 00:31:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B-53(1-3)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:08 PM







TIC: BM012133.D

(86) Benzo(k)fluoranthene

23.109min (+0.000) 33.87ng/ul m

response 2407100

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.80
125.00	4.30	8.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA M\Data\BM101217\
Data File : BM012133.D
Acq On : 13 Oct 2017 12:42
Operator : SJ/JU
Sample : I5568-01 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-53(1-3)-092817

Manual Integrations APPROVED
Sohil
6/22/2018 4:49:08 PM

Quant Time: Oct 14 00:33:20 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	7.85	152	173093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	738533	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	450293	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	1099310	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1343416	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1130152	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	3399	0.93	ng/uL	0.00
5) Phenol-d5	7.02	99	59314	4.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39622	4.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	55053	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	45959	3.80	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	26840	4.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	31445	4.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	61685	4.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	14992m	1.27	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	205975	5.18	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	257992	5.36	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	18494	3.09	ng/ul	0.01
57) Fluorene-d10	15.49	176	178410	5.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	2903	0.38	ng/ul	0.00
70) Anthracene-d10	17.35	188	297330	5.47	ng/ul	0.00
76) Pyrene-d10	19.64	212	376495	5.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	289910	5.32	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.70	128	751405	19.665	ng/ul	98
34) 2-Methylnaphthalene	12.32	142	218320	7.572	ng/ul	93
40) 1,1'-Biphenyl	13.33	154	82186	2.163	ng/ul	96
44) Dimethylphthalate	13.95	163	100388	2.518	ng/ul	99
47) Acenaphthylene	14.22	152	141510	2.991	ng/ul	98
49) Acenaphthene	14.56	153	1232836	38.690	ng/ul	99
53) Dibenzofuran	14.90	168	852829	18.587	ng/ul	99
58) Fluorene	15.55	166	1237385	32.473	ng/ul	99
69) Phenanthrene	17.30	178	13008686	208.016	ng/ul	95
71) Anthracene	17.39	178	3435612	53.066	ng/ul	99
72) Carbazole	17.66	167	1593700	29.086	ng/ul	98
73) Di-n-butylphthalate	18.20	149	354378	4.658	ng/ul	97
74) Fluoranthene	19.32	202	14413699	190.986	ng/ul#	81
77) Pyrene	19.68	202	13340218	150.361	ng/ul#	85
80) Benzo(a)anthracene	21.42	228	7466832	85.418	ng/ul	96
82) Chrysene	21.47	228	6316464	76.964	ng/ul	94
85) Benzo(b)fluoranthene	23.07	252	6322489	85.727	ng/ul#	97
86) Benzo(k)fluoranthene	23.11	252	2407100m	33.868	ng/ul	
88) Benzo(a)pyrene	23.68	252	4729177	68.033	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.19	276	2550117	34.546	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.18	278	686634	11.065	ng/ul#	80
91) Benzo(g,h,i)perylene	26.93	276	2253983	37.281	ng/ul#	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

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