

Instrument :
BNA_M

ClientSampleId :
B-40(0-1)-092617

Manual Integrations

Sohil
10/6/2017 5:37:01 PM

Abundance

8.5e+07

8e+07

7.5e+07

7e+07

6.5e+07

6e+07

5.5e+07

5e+07

4.5e+07

4e+07

3.5e+07

3e+07

2.5e+07

2e+07

1.5e+07

1e+07

5000000

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Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dichlorobenzene-d4, I

4-Methylphenol-d8, S

Nitrobenzene-d5, S

2-Nitrophenol-d4, S

2,4-Dichlorophenol-d3, S

4-Chlorophenol-d8, S

4-Chlorophenol-d10, S

4-Chlorophenol-d12, S

4-Chlorophenol-d14, S

4-Chlorophenol-d16, S

4-Chlorophenol-d18, S

4-Chlorophenol-d20, S

4-Chlorophenol-d22, S

4-Chlorophenol-d24, S

4-Chlorophenol-d26, S

4-Chlorophenol-d28, S

4-Chlorophenol-d30, S

4-Chlorophenol-d32, S

4-Chlorophenol-d34, S

4-Chlorophenol-d36, S

4-Chlorophenol-d38, S

4-Chlorophenol-d40, S

4-Chlorophenol-d42, S

4-Chlorophenol-d44, S

4-Chlorophenol-d46, S

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4-Chlorophenol-d50, S

4-Chlorophenol-d52, S

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4-Chlorophenol-d100, S

4-Chlorophenol-d102, S

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4-Chlorophenol-d402, S

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Quantitation Report (Qedit)

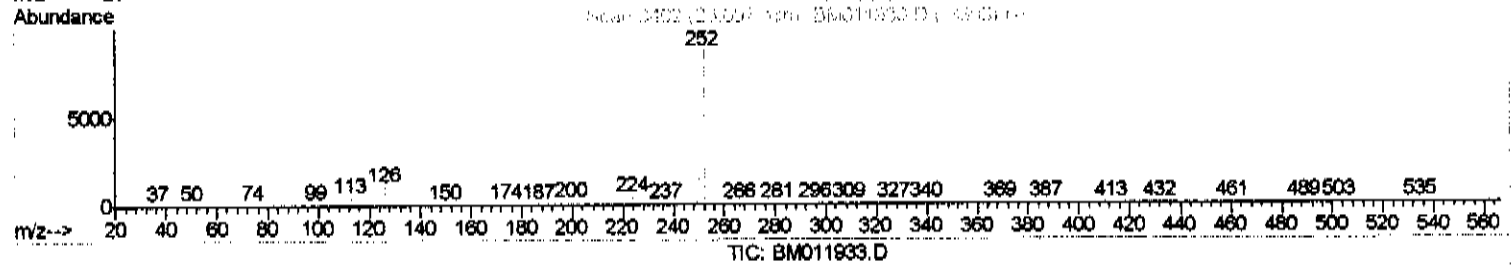
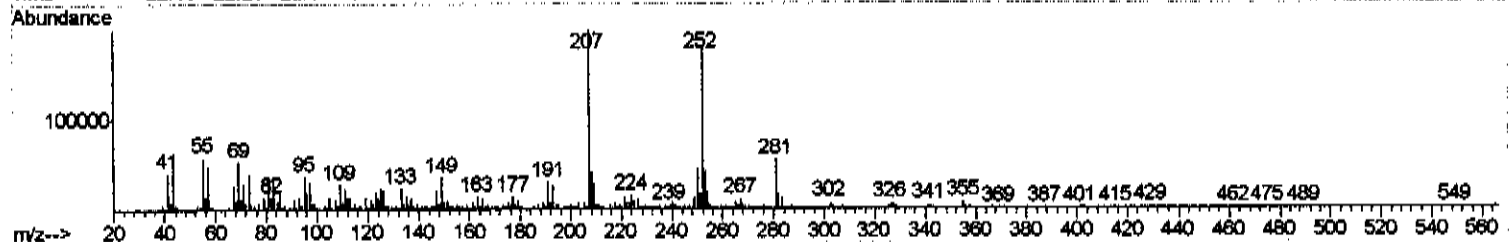
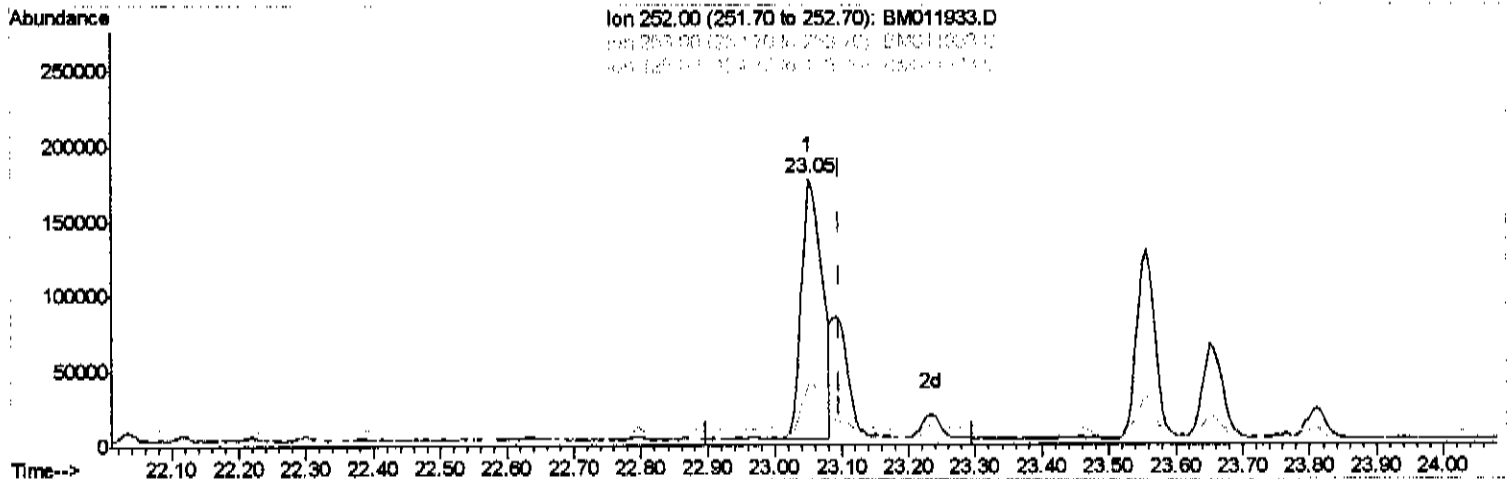
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 Acq On : 05 Oct 2017 20:08
 Operator : SJ/JU
 Sample : I5449-02 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-40(0-1)-092617

Manual Integrations
 APPROVED

Sohil
 10/6/2017 5:37:01 PM

Quant Time: Oct 06 16:52:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 06 04:40:59 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

23.051min (-0.047) 4.71ng/ul

response 376418

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.87
125.00	4.30	13.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM100517\
Data File : BM011933.D
Acq On : 05 Oct 2017 20:08
Operator : SJ/JU
Sample : I5449-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 12 05:16:15 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

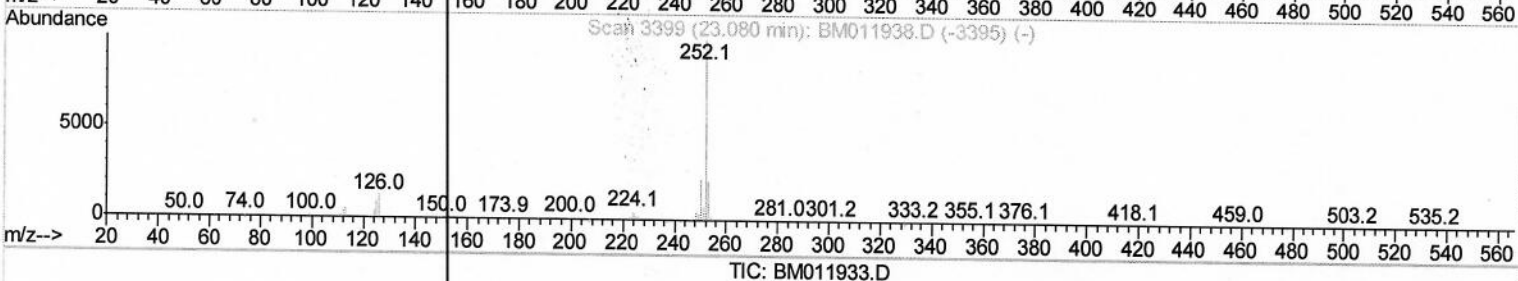
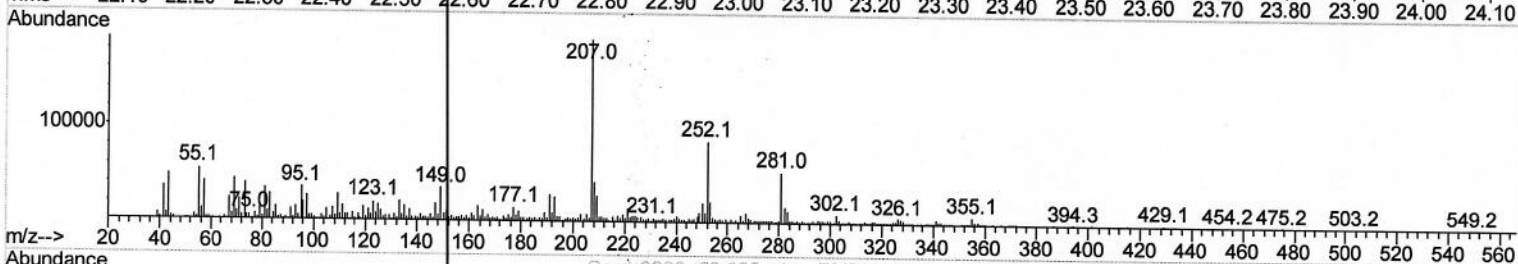
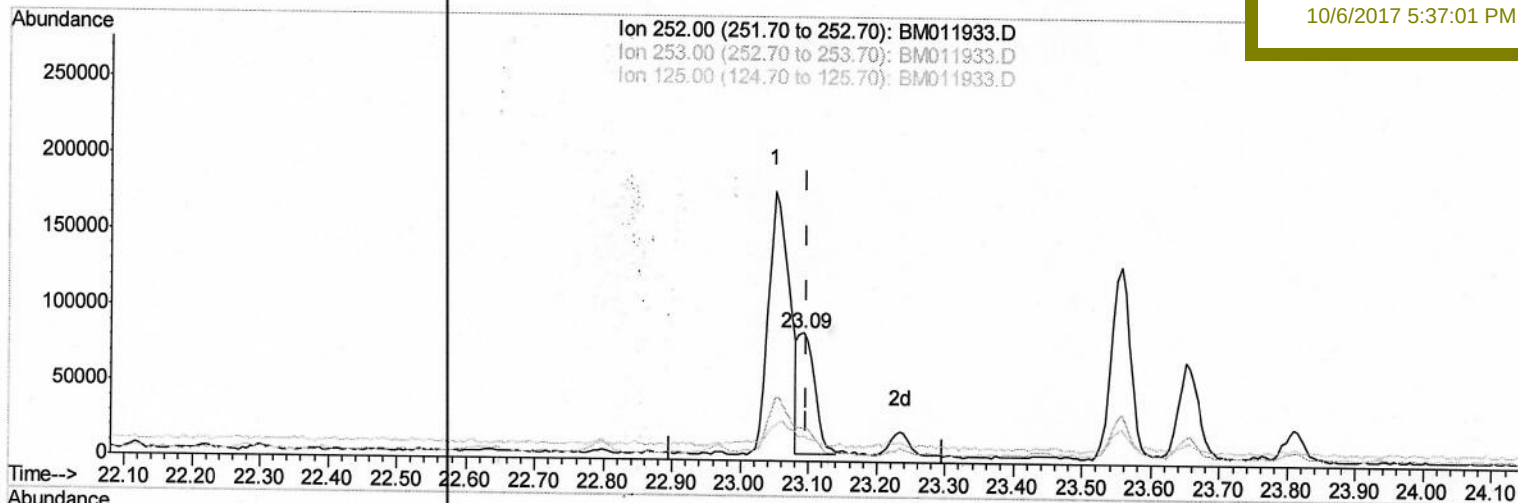
B-40(0-1)-092617

Manual Integrations

APPROVED

Sohil

10/6/2017 5:37:01 PM



(86) Benzo(k)fluoranthene

23.092min (-0.005) 1.72ng/ul m

response 137340

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	25.93#
125.00	4.30	19.62#
0.00	0.00	0.00

> 5410/9117

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
ClientSampleId :
B-40(0-1)-092617

Manual Integrations
APPROVED

Sohil
10/6/2017 5:37:01 PM

Data Path : Z:\HPCHEM1\BNA_M\Data\BM100517\
Data File : BM011933.D
Acq On : 05 Oct 2017 20:08
Operator : SJ/JU
Sample : I5449-02 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 06 16:54:51 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	291426	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1088971	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	551212	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.26	188	1124718	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1205252	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1318178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6052	0.98	ng/uL	0.00
5) Phenol-d5	7.03	99	97770	3.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	63724	4.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	91919	4.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	79778	3.68	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	39799	5.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	46265	5.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	86033	4.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.84	131	26936	1.40	ng/ul	0.03
43) Dimethylphthalate-d6	13.92	166	238838	5.00	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	289711	5.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.73	143	18780	2.25	ng/ul	0.02
57) Fluorene-d10	15.50	176	200343	4.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	26494	3.50	ng/ul	0.00
70) Anthracene-d10	17.36	188	297137	5.36	ng/ul	0.00
76) Pyrene-d10	19.64	212	323281	5.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	327247	5.16	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.97	163	96773	2.106 ng/ul	99
69) Phenanthrene	17.30	178	247791	4.005 ng/ul	99
74) Fluoranthene	19.31	202	386012	5.114 ng/ul#	88
77) Pyrene	19.67	202	368758	5.518 ng/ul#	91
78) Butylbenzylphthalate	20.56	149	629693	24.054 ng/ul	90
80) Benzo(a)anthracene	21.41	228	199506	2.889 ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.33	149	831390	21.348 ng/ul	99
82) Chrysene	21.46	228	285285	4.349 ng/ul	93
85) Benzo(b)fluoranthene	23.05	252	376418	4.698 ng/ul#	93
86) Benzo(k)fluoranthene	23.09	252	137340m	1.717 ng/ul	93
88) Benzo(a)pyrene	23.65	252	128770	1.673 ng/ul#	86
89) Indeno(1,2,3-cd)pyrene	26.13	276	190619	2.314 ng/ul#	91
91) Benzo(g,h,i)perylene	26.87	276	188276	2.763 ng/ul#	88

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