

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014480.D
Acq On : 05 Mar 2018 19:36
Operator : SJ/JU
Sample : J1646-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 05 23:58:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

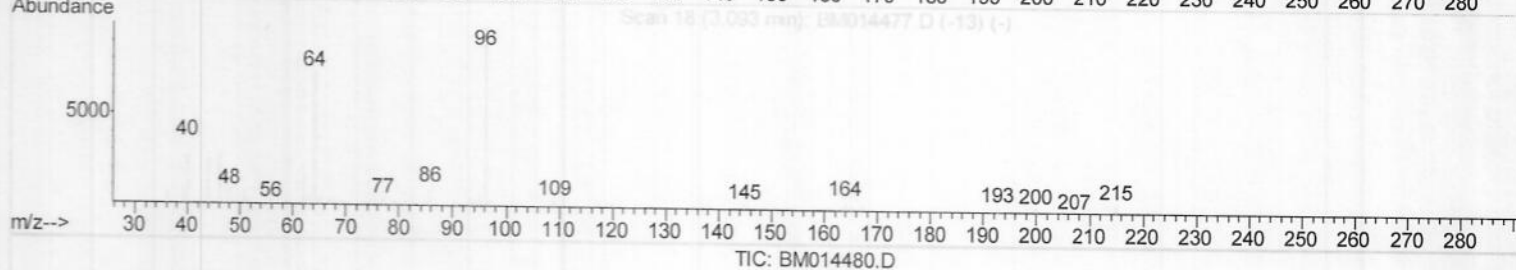
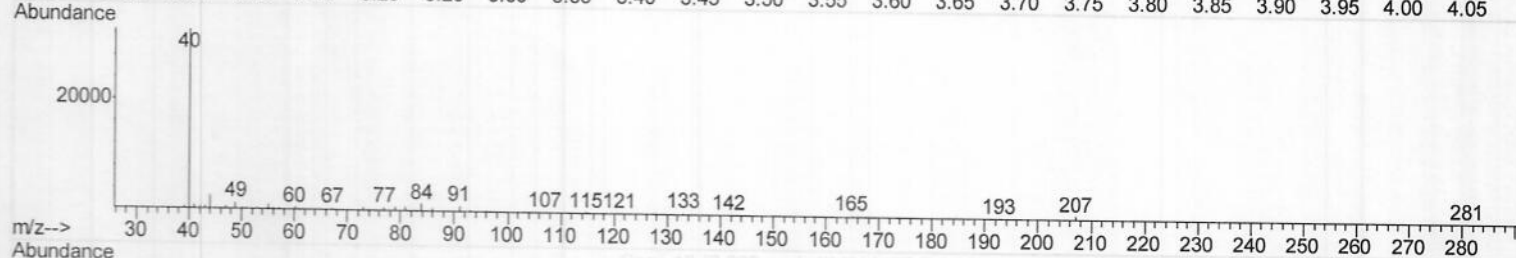
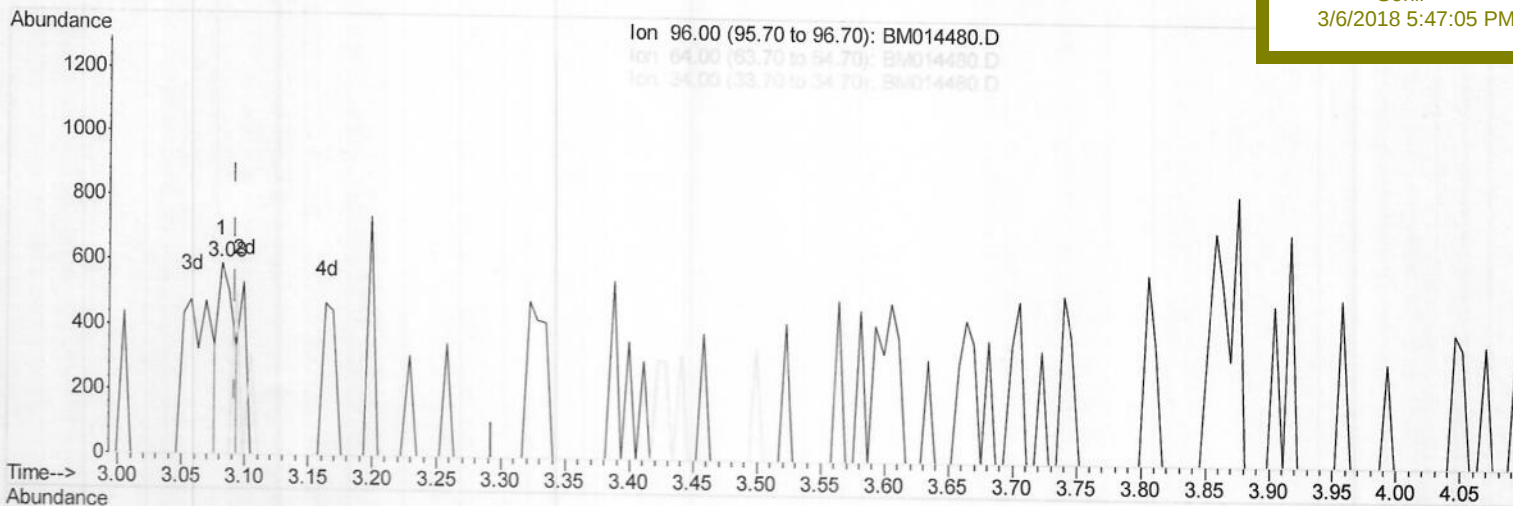
ClientSampleId :

BE5W7DL

Manual Integrations
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Sohil

3/6/2018 5:47:05 PM



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

3.081min (-0.012) 0.28ng/uL

response 504

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	35.12#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

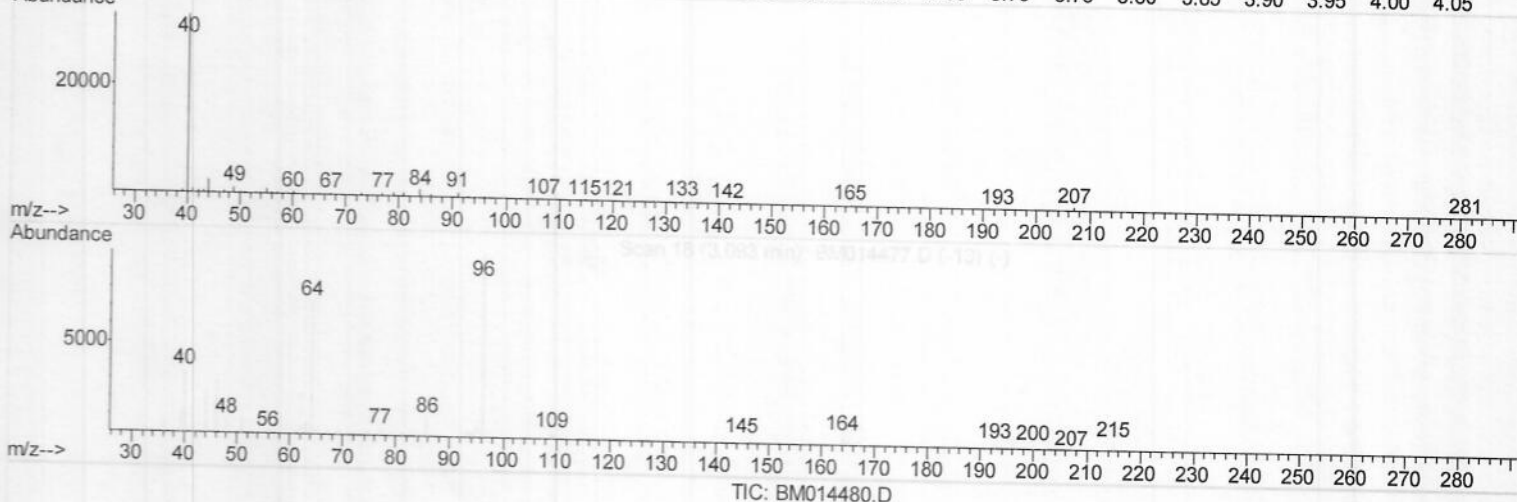
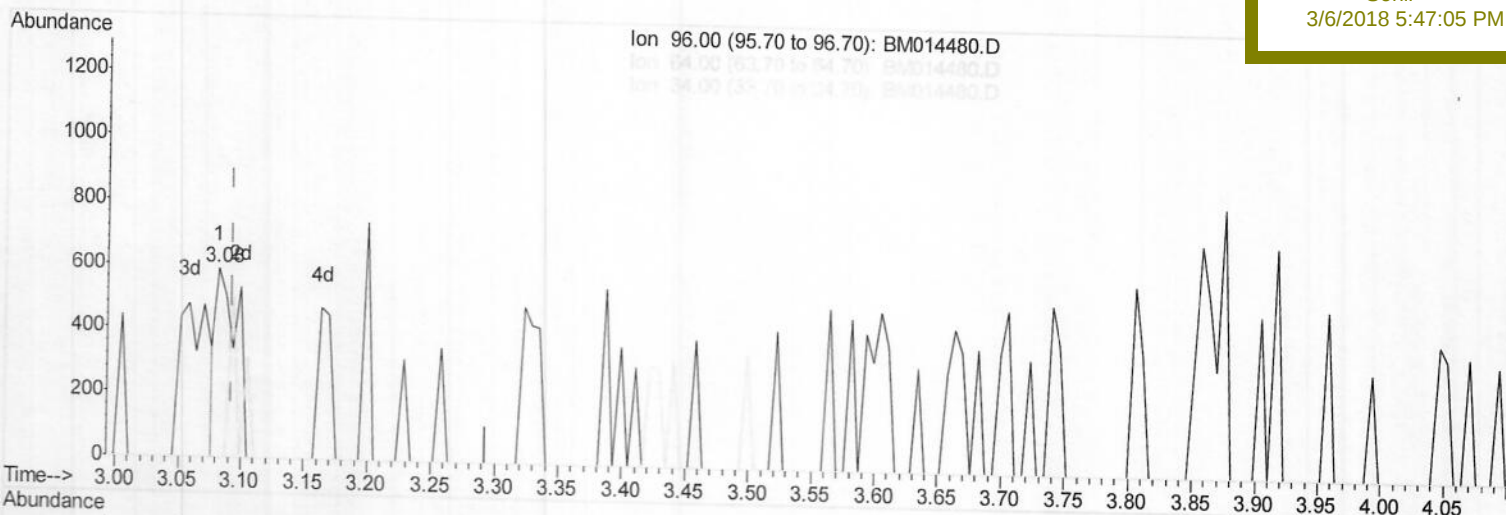
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 05 23:58:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampled :
 BE5W7DL

Manual Integrations
APPROVED

Sohil
 3/6/2018 5:47:05 PM



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

3.081min (-0.012) 0.39ng/uL m

response 692

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	25.58#
34.00	0.00	0.00
0.00	0.00	0.00

SJ
 03/06/18

Quantitation Report (Qedit)

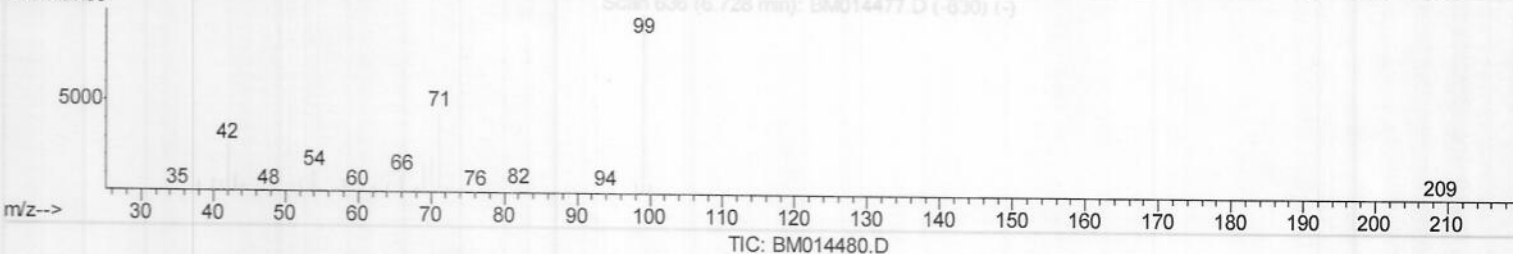
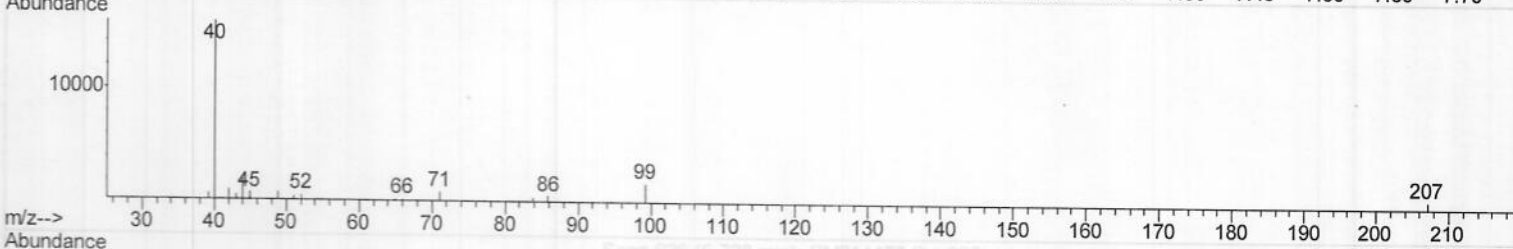
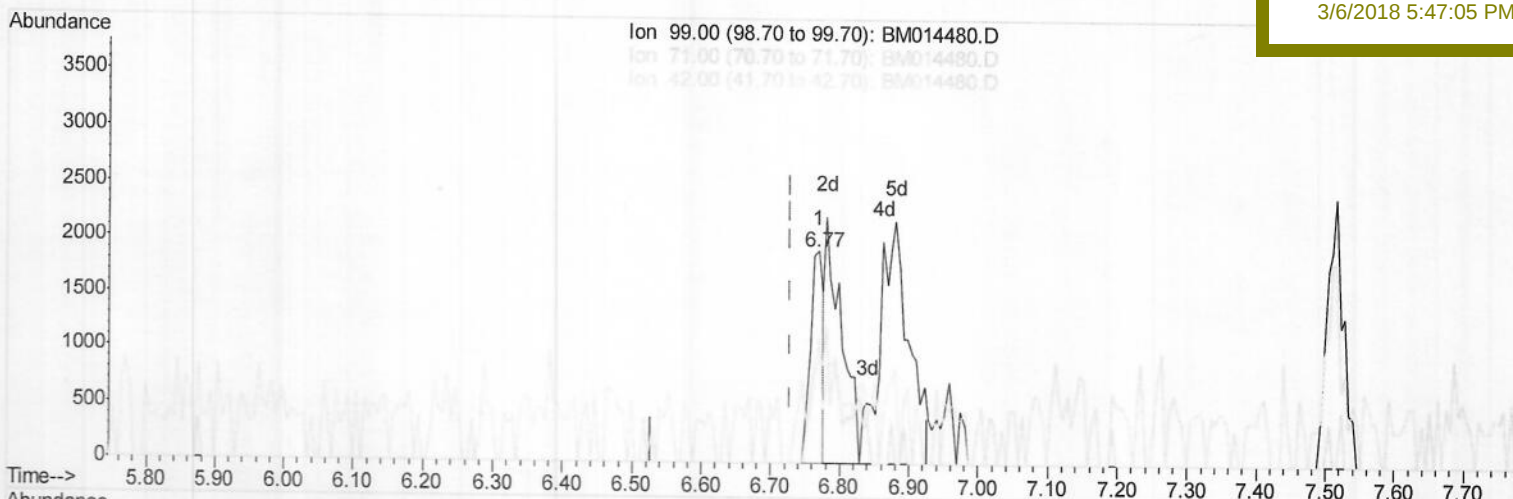
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(5) Phenol-d5 (S)

6.769min (+0.041) 0.38ng/ul

response 2433

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	56.29
42.00	24.20	58.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

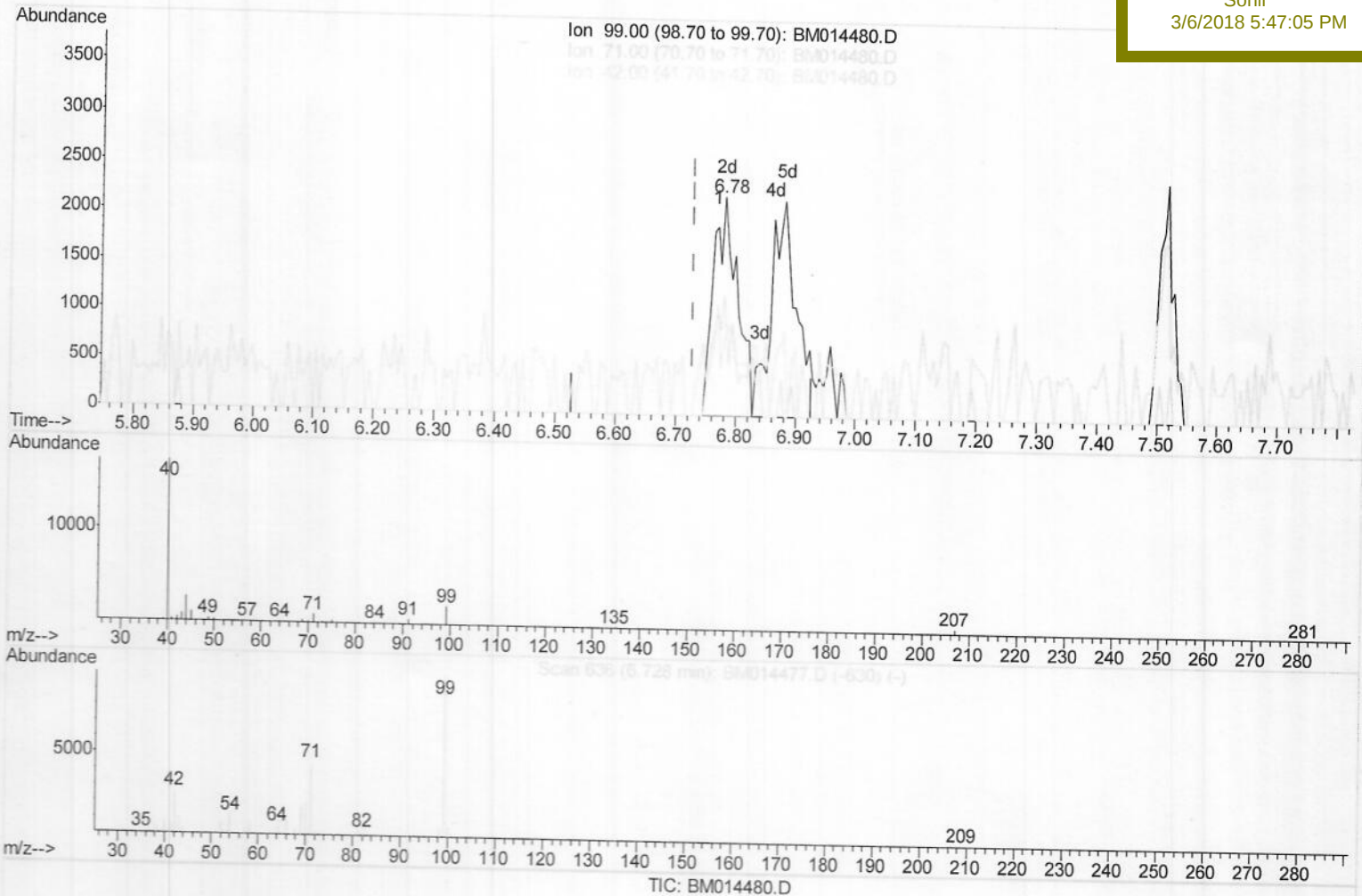
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(5) Phenol-d5 (S)

6.781min (+0.053) 0.94ng/ul m

response 6064

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	54.79
42.00	24.20	33.24#
0.00	0.00	0.00

SJ
 03106118

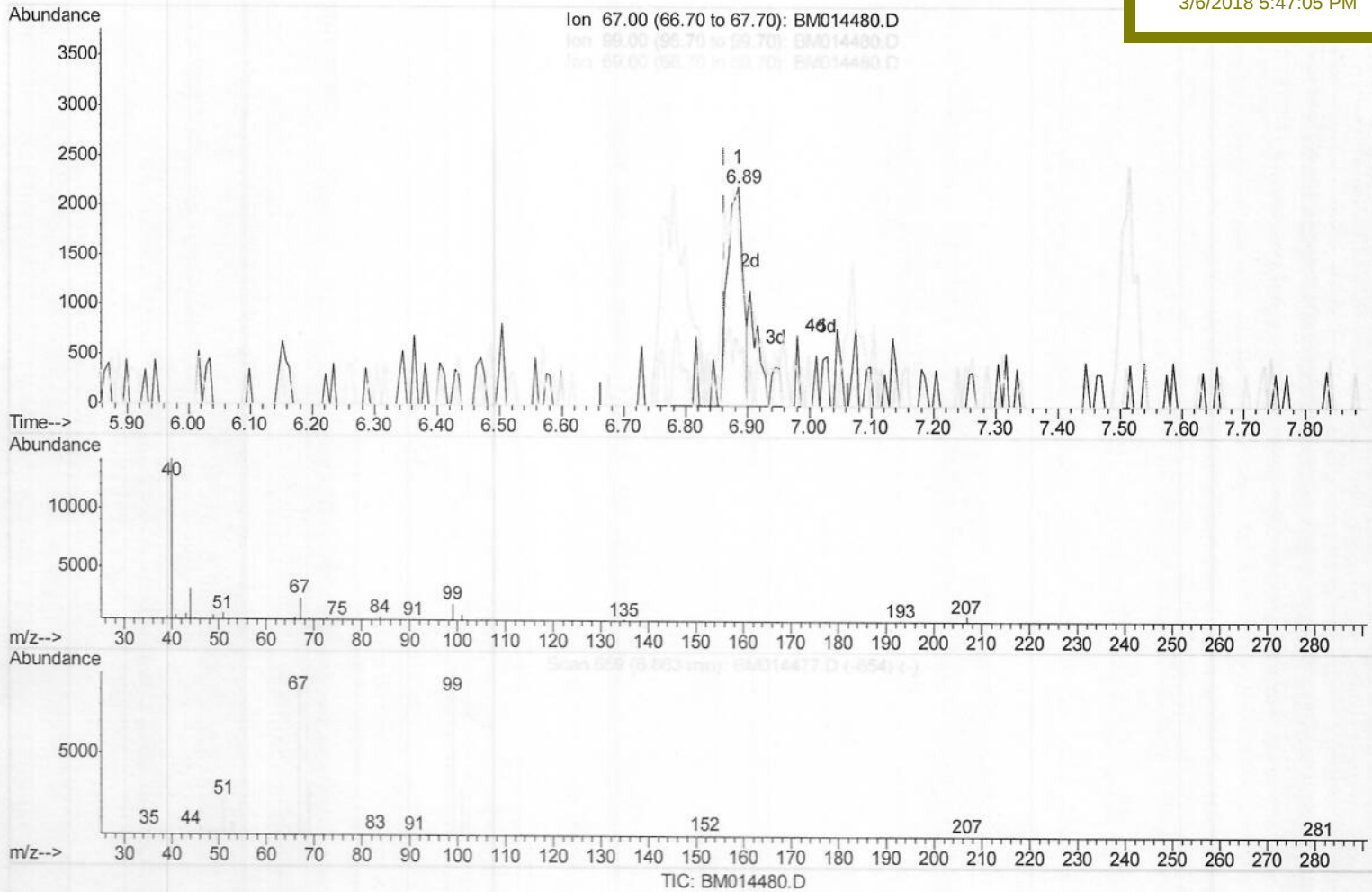
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014480.D
Acq On : 05 Mar 2018 19:36
Operator : SJ/JU
Sample : J1646-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5W7DL

Manual Integrations
APPROVED

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3/6/2018 5:47:05 PM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.887min (+0.024) 0.99ng/ul

response 3866

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	79.61#
69.00	36.30	23.39#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014480.D
Acq On : 05 Mar 2018 19:36
Operator : SJ/JU
Sample : J1646-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

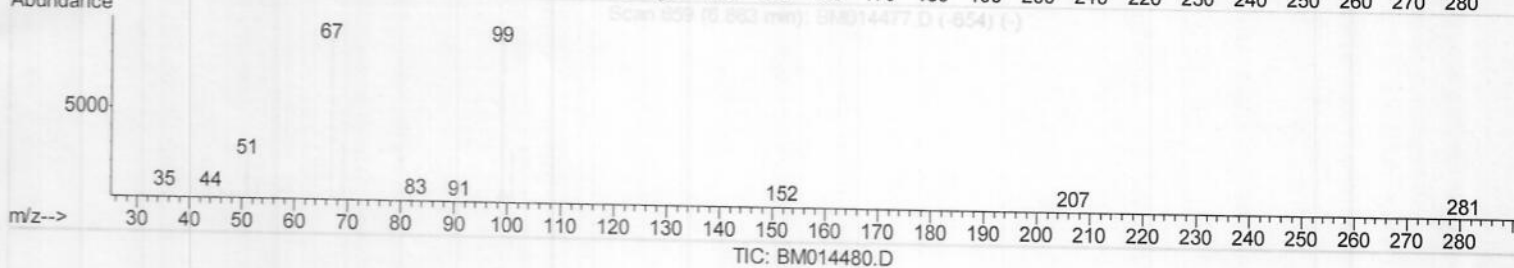
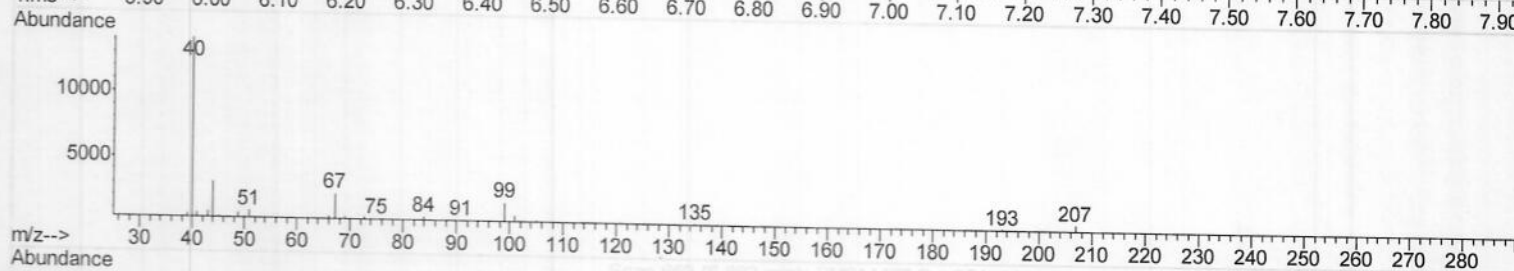
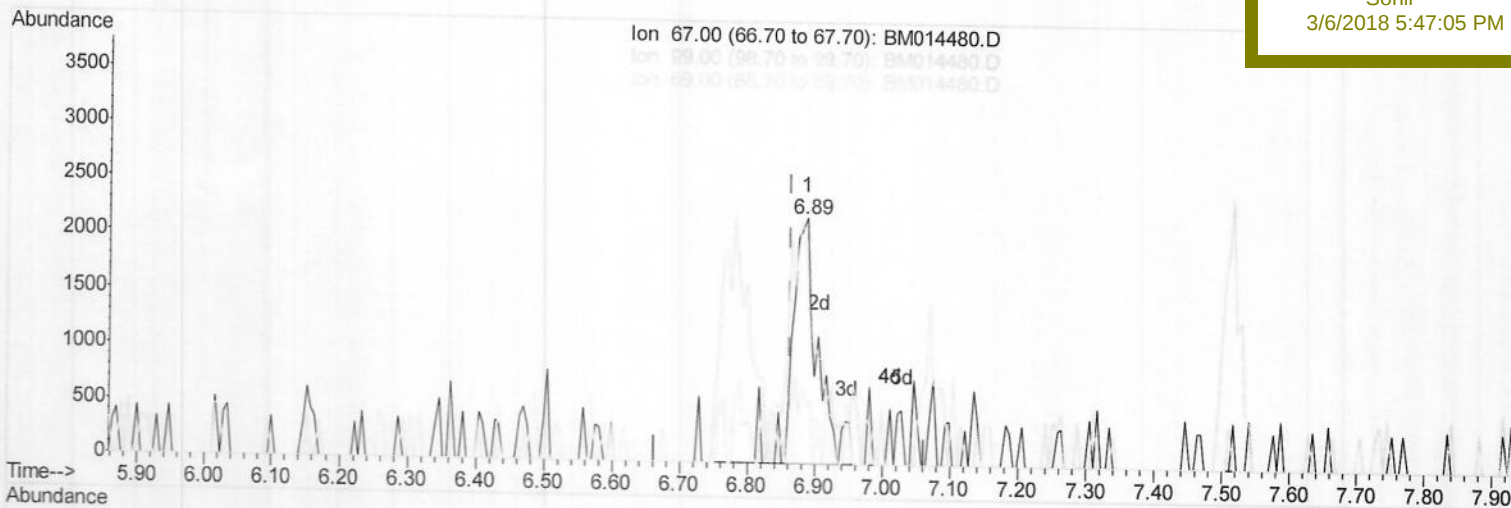
Client Sampled :

BE5W7DL

Manual Integrations
APPROVED

Sohil

3/6/2018 5:47:05 PM



(7) Bis-(2-Chloroethyl)ether-d8 (S)

6.887min (+0.024) 1.28ng/ul m

response 5020

Ion	Exp%	Act%
67.00	100	100
99.00	112.80	79.61#
69.00	36.30	23.39#
0.00	0.00	0.00

SJ
03106118

Quantitation Report (Qedit)

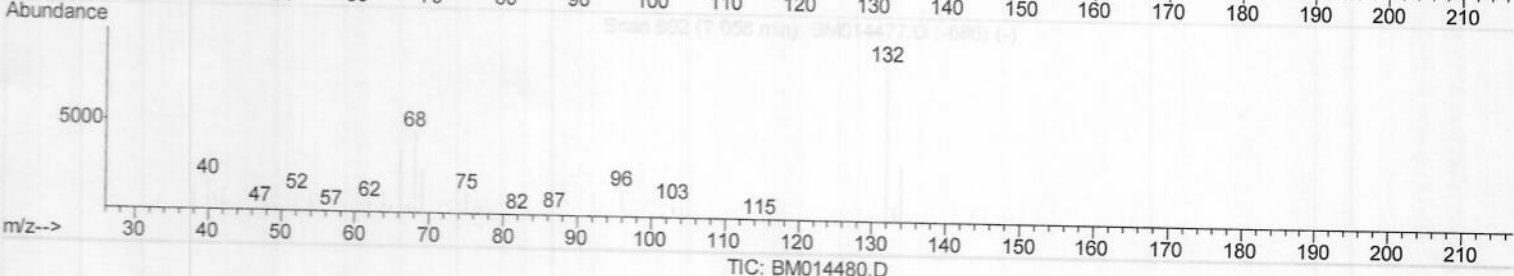
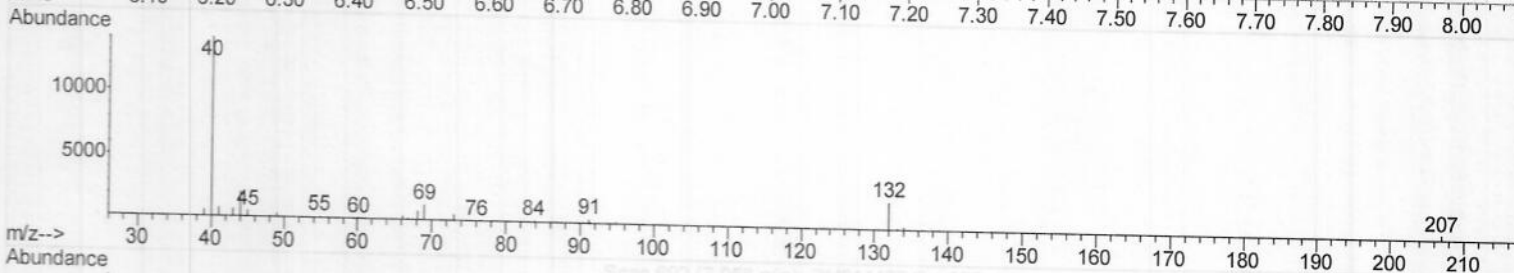
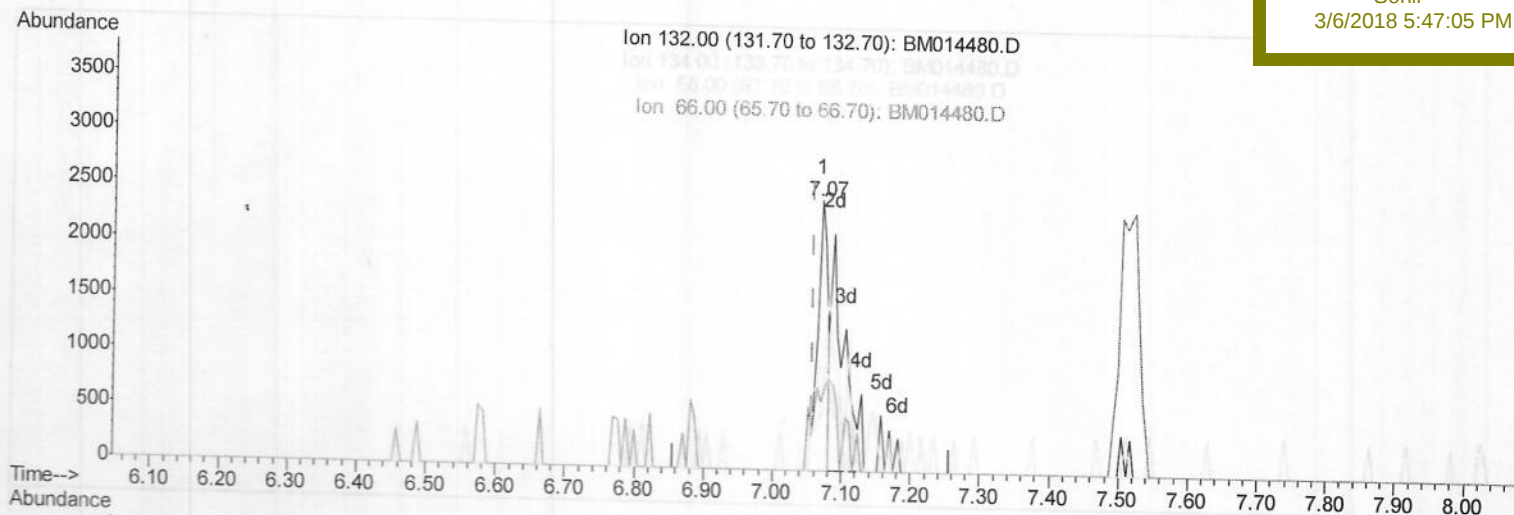
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

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 3/6/2018 5:47:05 PM



(9) 2-Chlorophenol-d4 (S)
 7.069min (+0.012) 0.56ng/ul
 response 2795

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	20.75#
68.00	51.20	38.88#
66.00	41.70	25.64#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:39:53 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

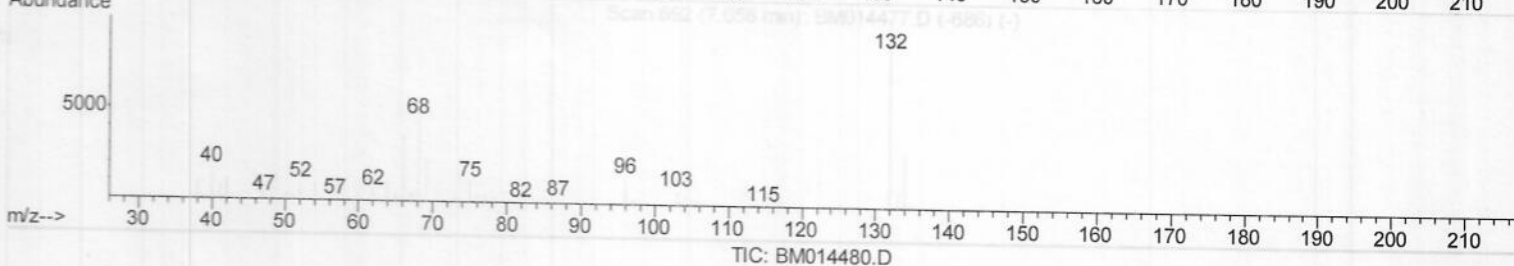
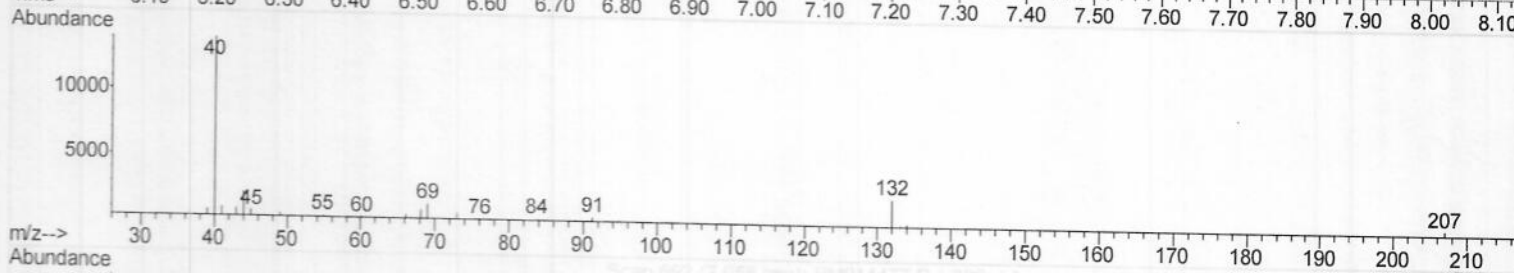
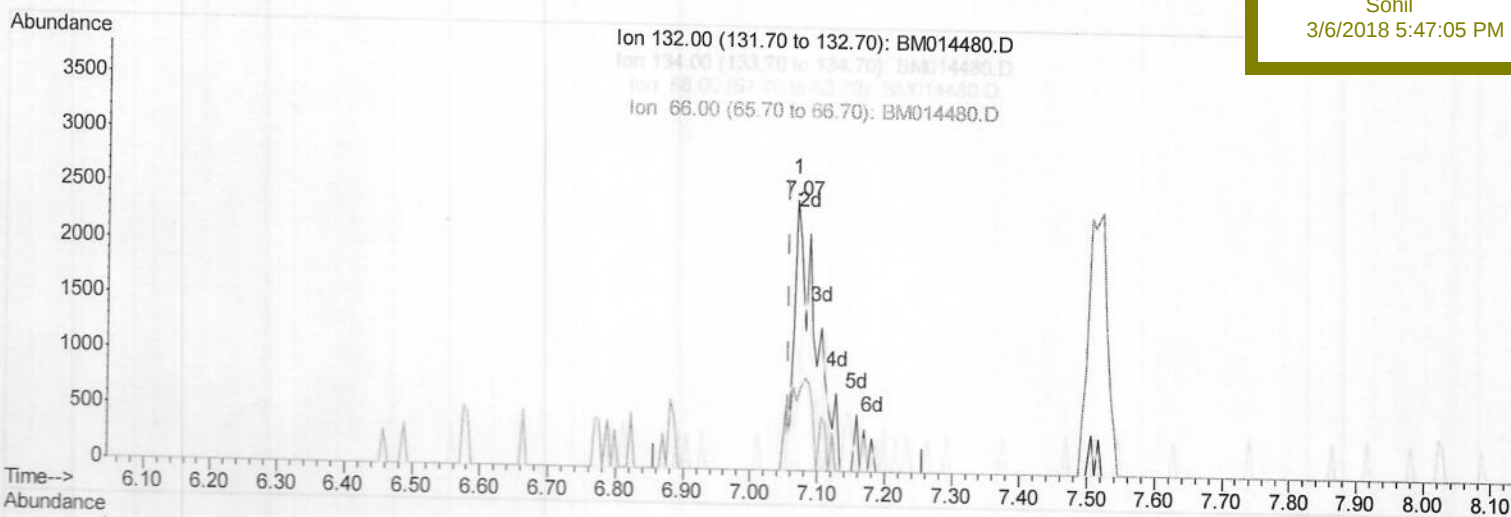
BE5W7DL

Manual Integrations

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Sohil

3/6/2018 5:47:05 PM



(9) 2-Chlorophenol-d4 (S)

7.069min (+0.012) 1.13ng/ul m

response 5616

Ion	Exp%	Act%
132.00	100	100
134.00	34.10	20.75#
68.00	51.20	38.88#
66.00	41.70	25.64#

87
03106118

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014480.D
Acq On : 05 Mar 2018 19:36
Operator : SJ/JU
Sample : J1646-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

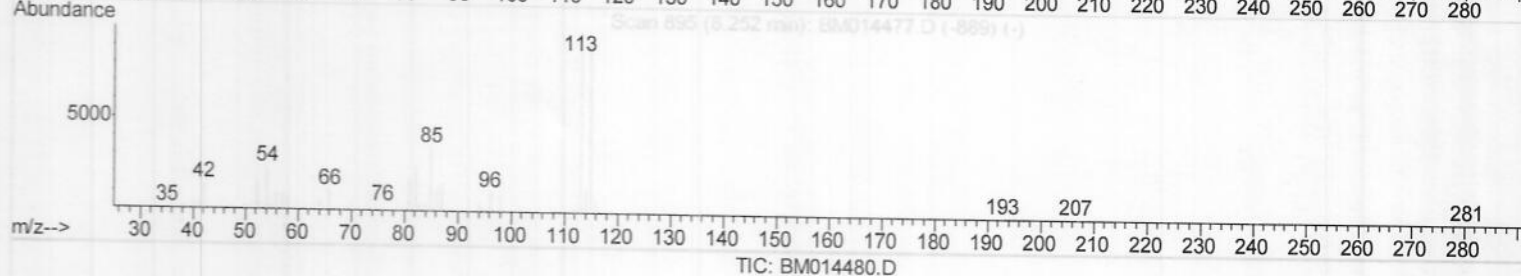
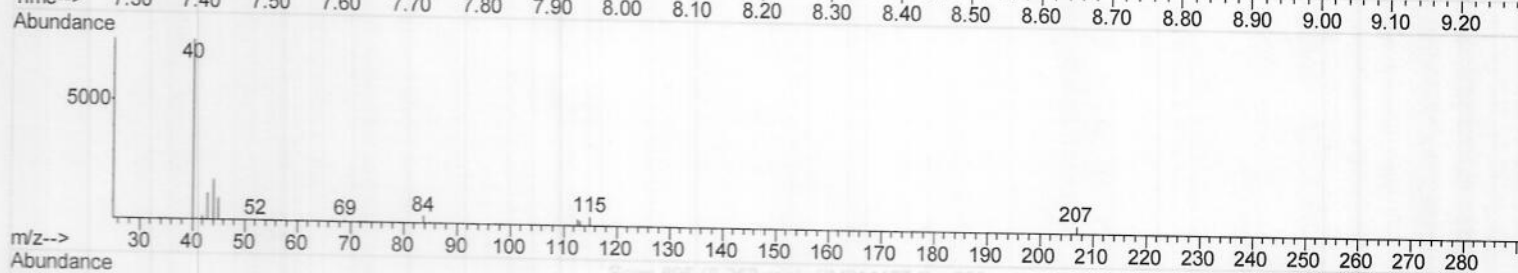
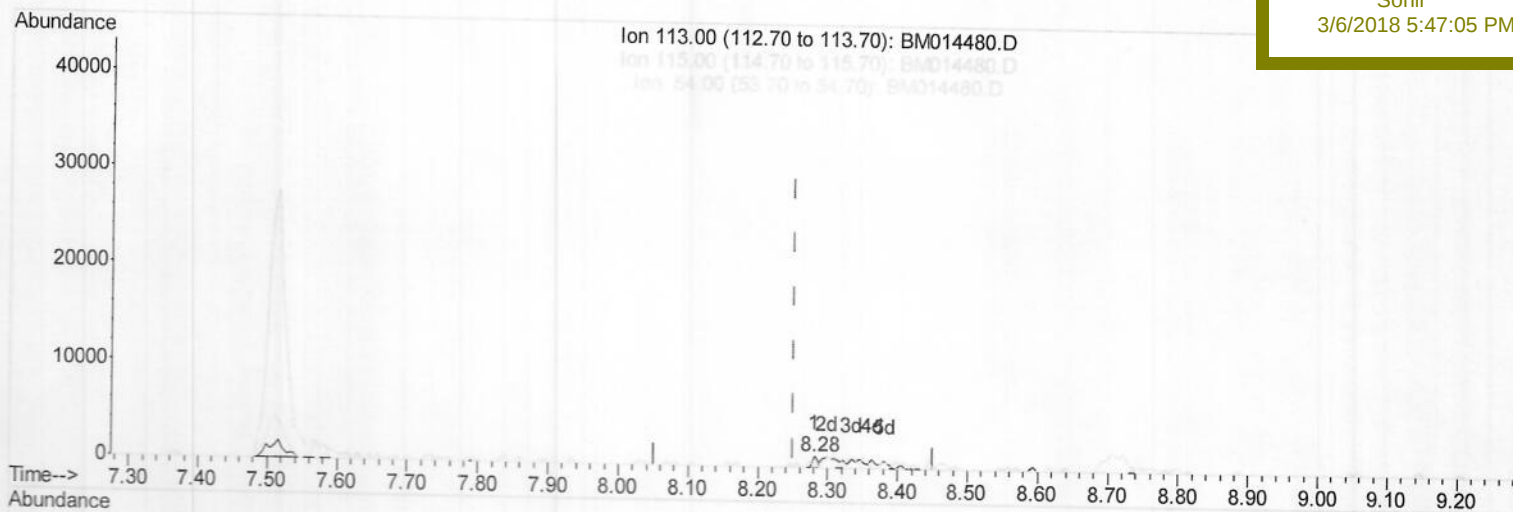
ClientSampleId :

BE5W7DL

Manual Integrations
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(13) 4-Methylphenol-d8 (S)

8.281min (+0.029) 0.10ng/ul

response 582

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	61.31#
54.00	18.90	29.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

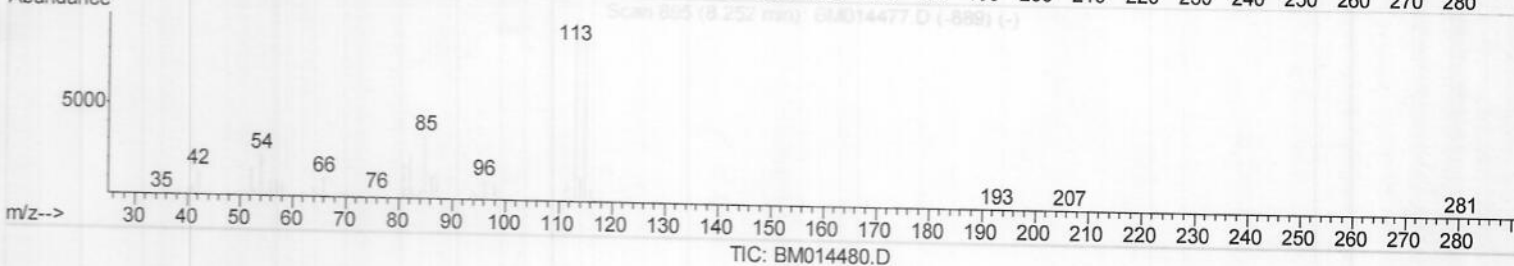
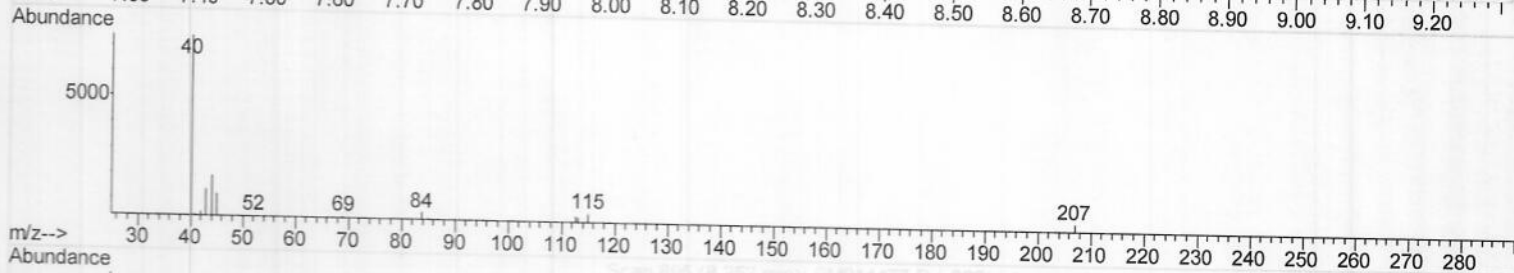
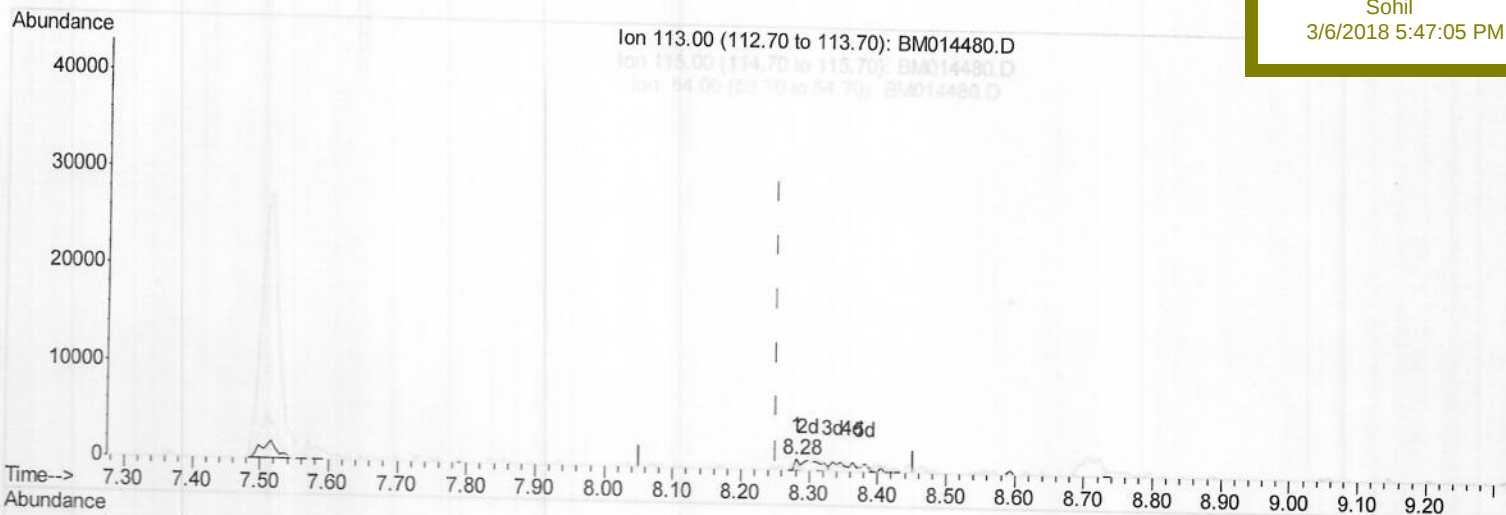
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(13) 4-Methylphenol-d8 (S)
 8.281min (+0.029) 0.44ng/ul m
 response 2482

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	117.84#
54.00	18.90	56.71#
0.00	0.00	0.00

SJ
 03106118

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014480.D
Acq On : 05 Mar 2018 19:36
Operator : SJ/JU
Sample : J1646-01DL 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:57:03 2018
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

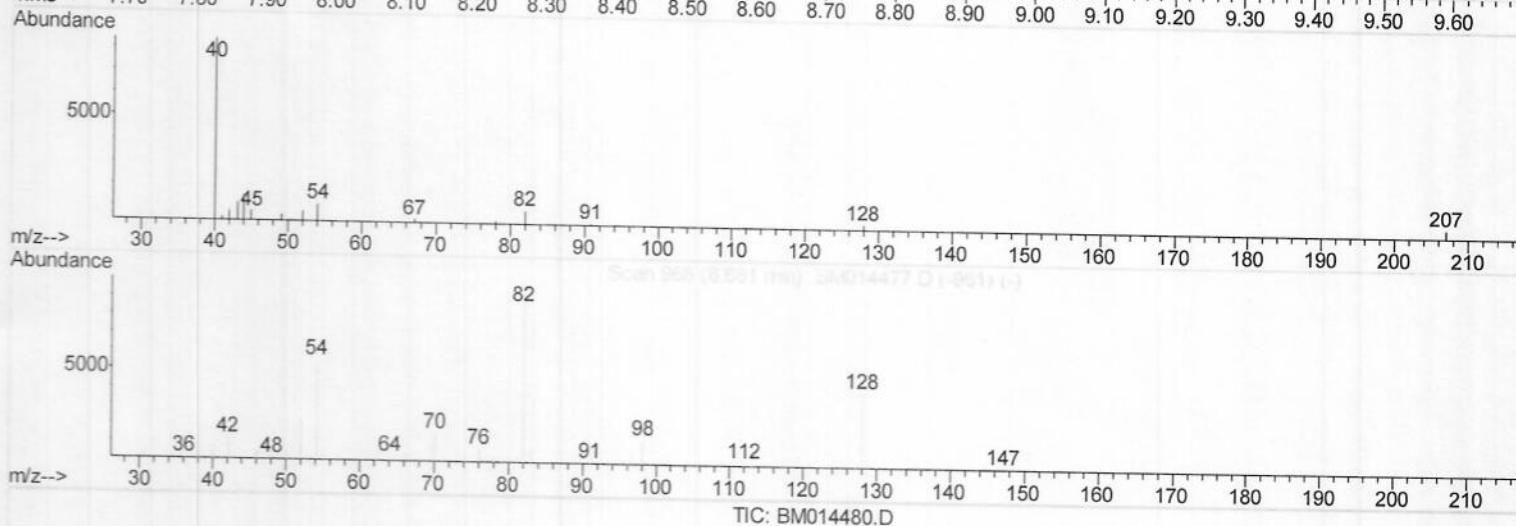
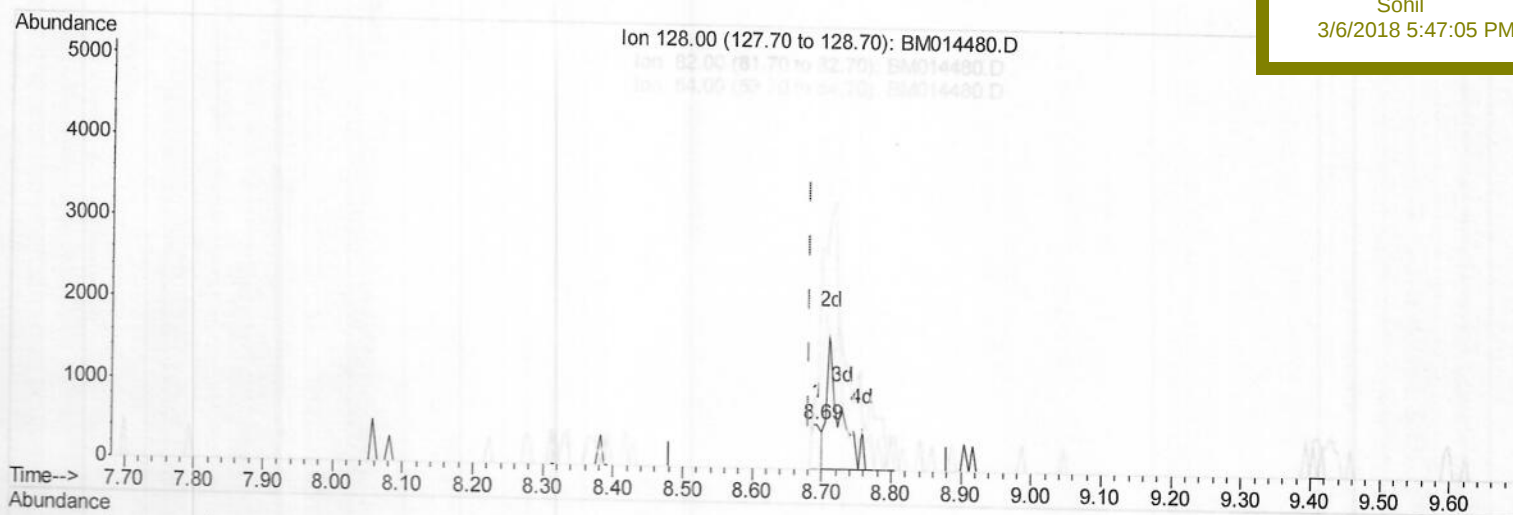
BE5W7DL

Manual Integrations

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Sohil

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(19) Nitrobenzene-d5 (S)

8.693min (+0.012) 0.28ng/ul

response 560

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	167.08#
54.00	142.70	194.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

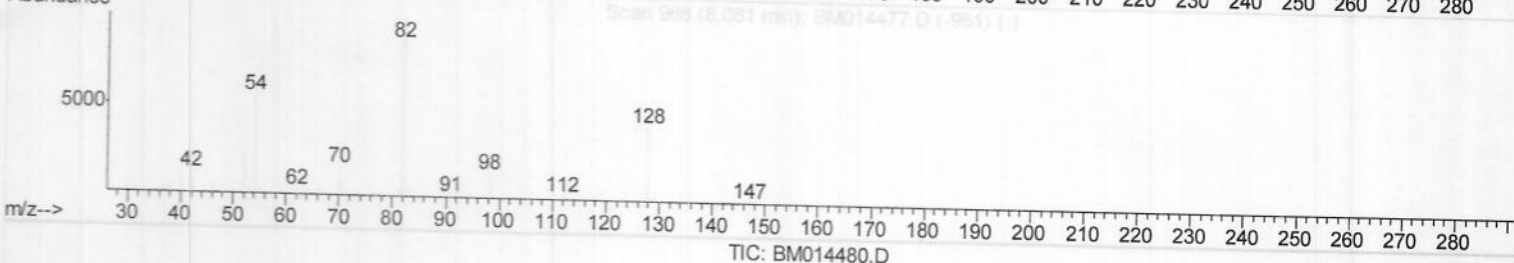
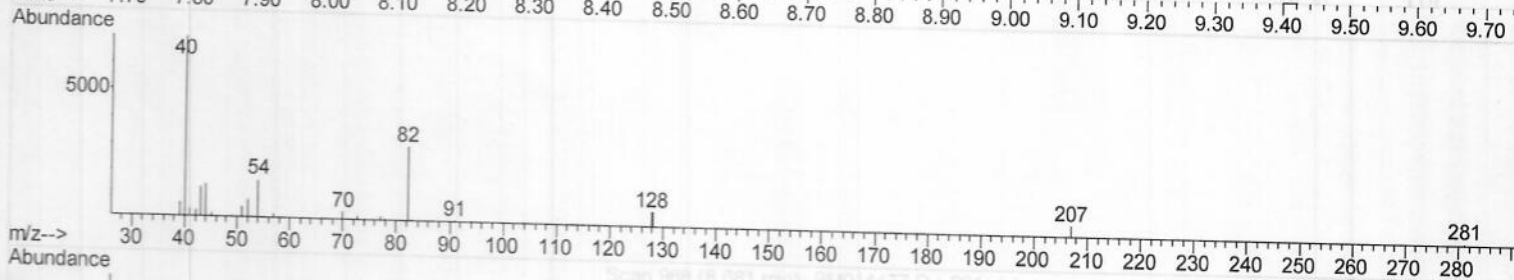
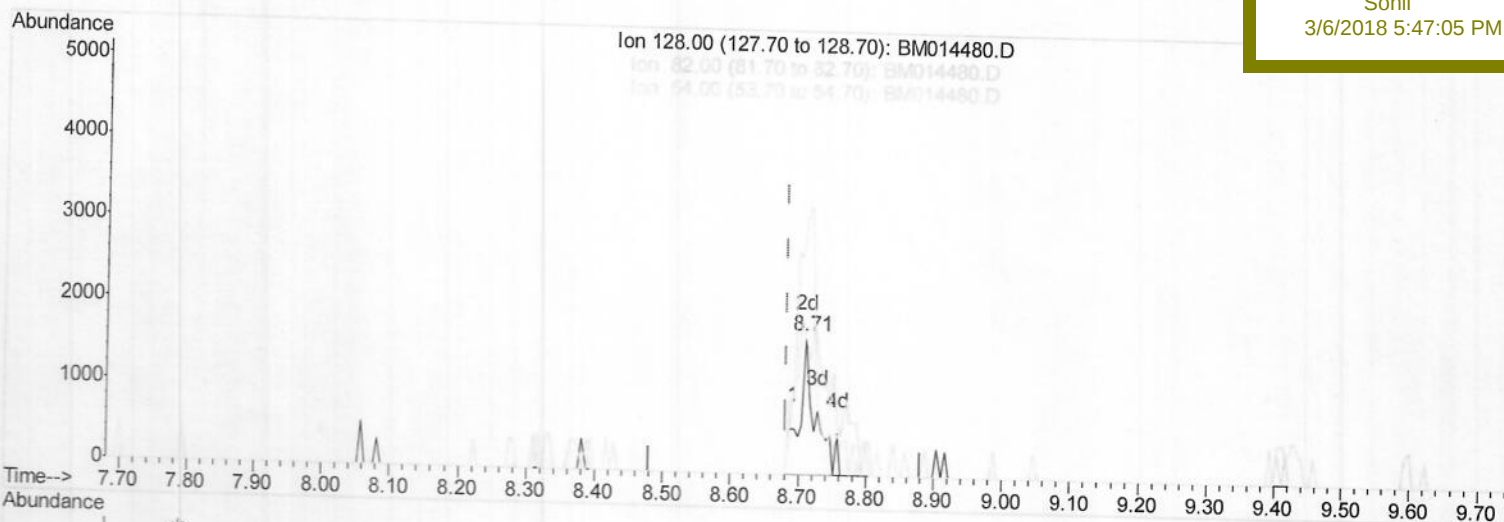
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(19) Nitrobenzene-d5 (S)

8.710min (+0.029) 1.32ng/ul m

response 2645

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	358.60#
54.00	142.70	198.60#
0.00	0.00	0.00

SJ
 03/06/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

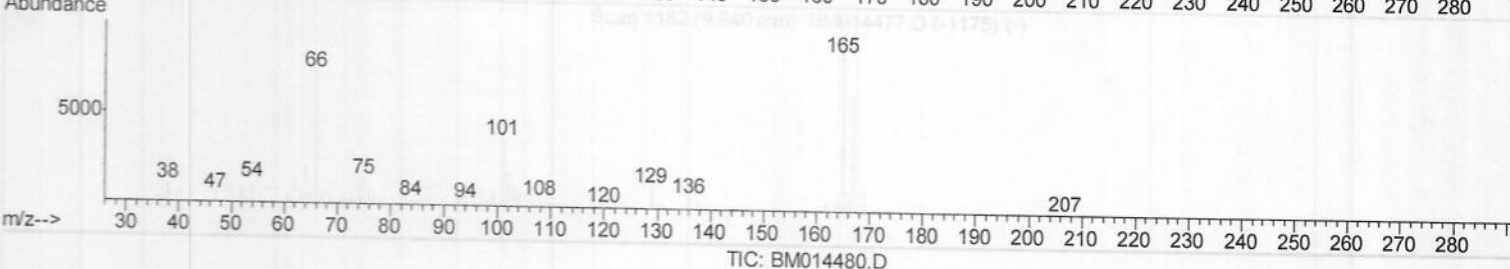
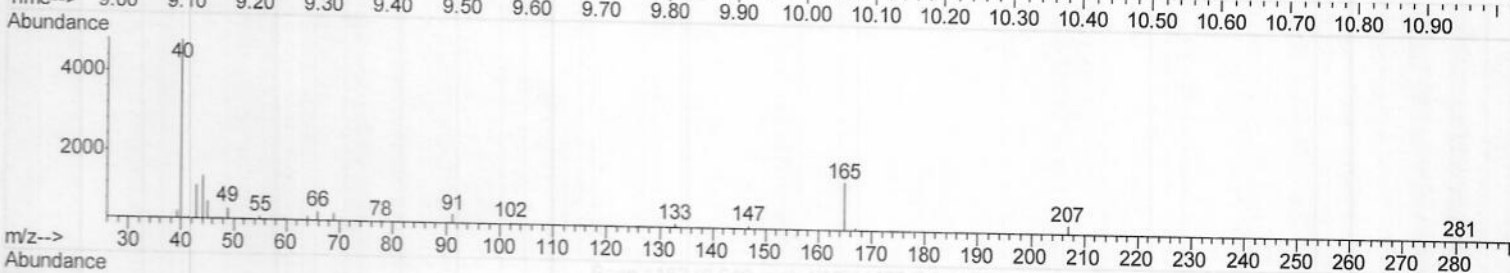
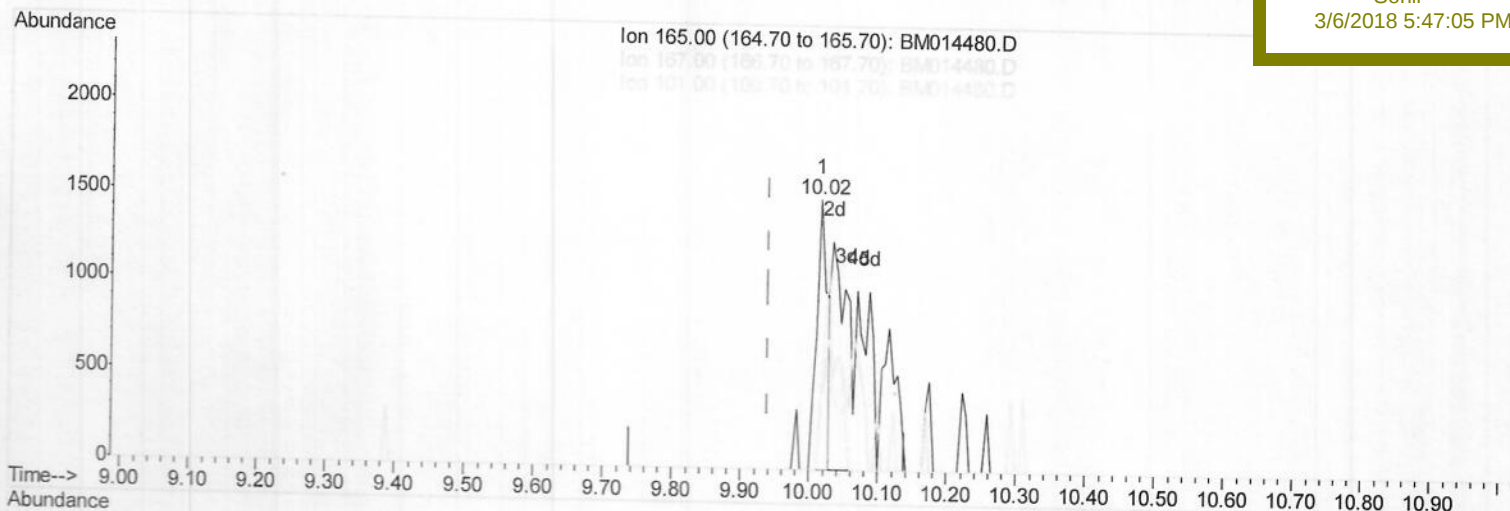
BE5W7DL

Manual Integrations

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Sohil

3/6/2018 5:47:05 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.016min (+0.076) 0.38ng/ul

response 1631

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	24.92#
101.00	29.30	20.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

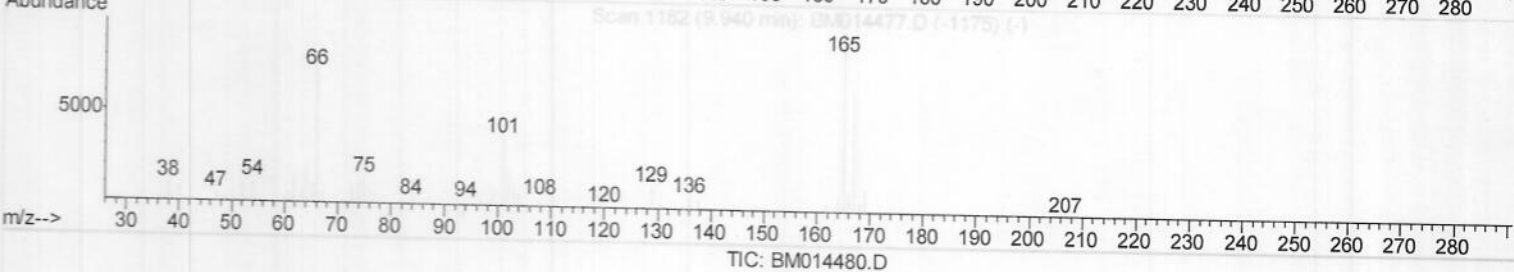
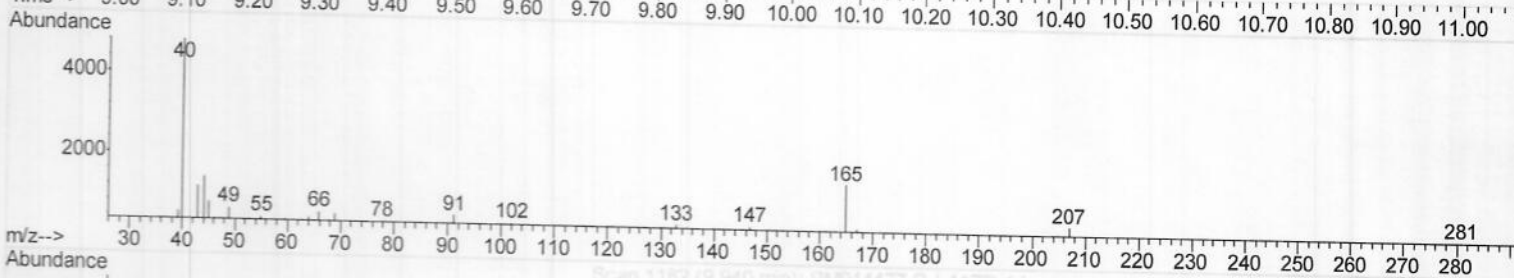
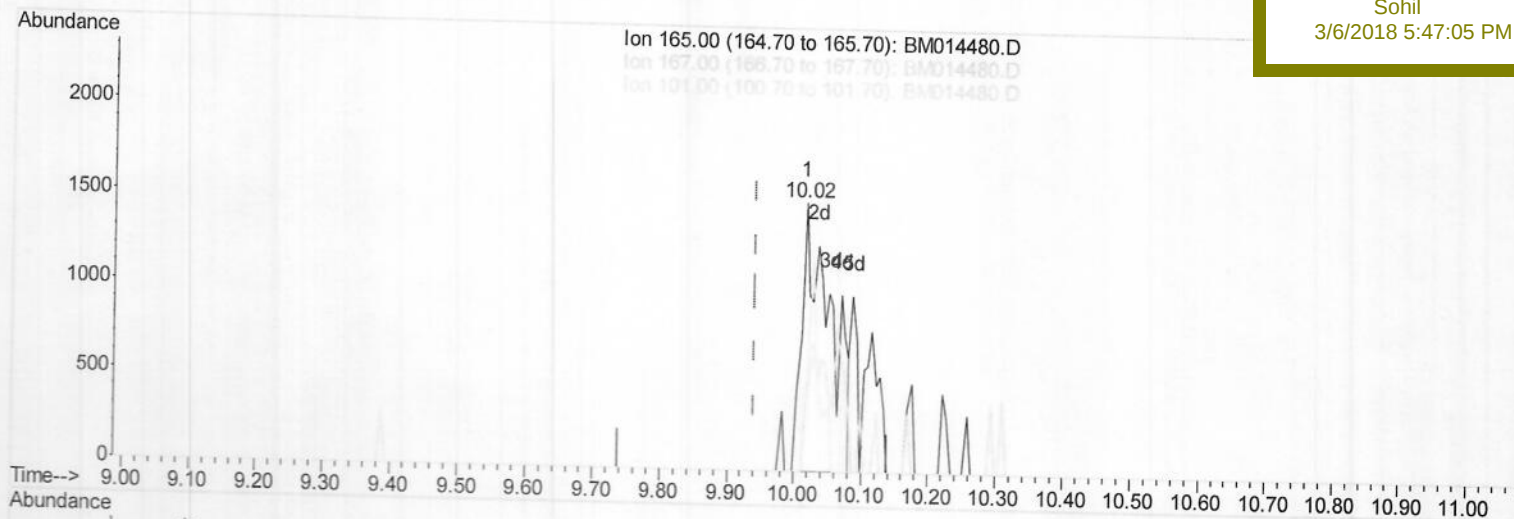
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.016min (+0.076) 1.01ng/ul m

response 4363

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	24.92#
101.00	29.30	20.91#
0.00	0.00	0.00

SJ
 03106118

TIC: BM014480.D

Quantitation Report (Qedit)

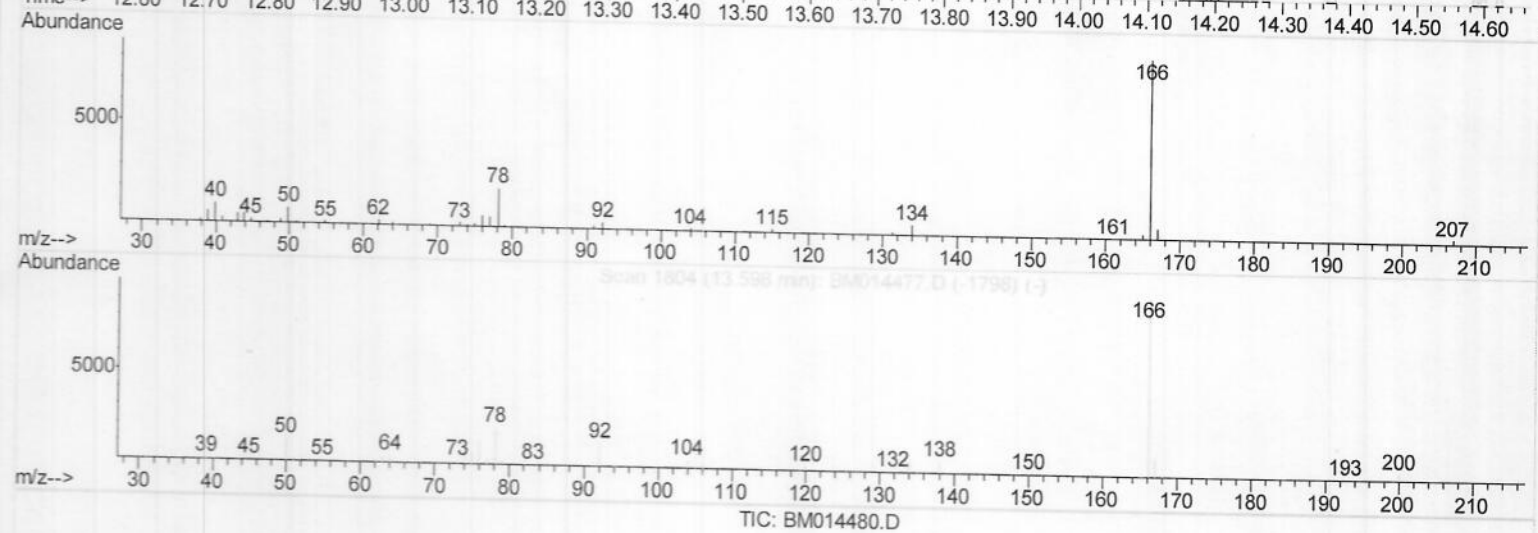
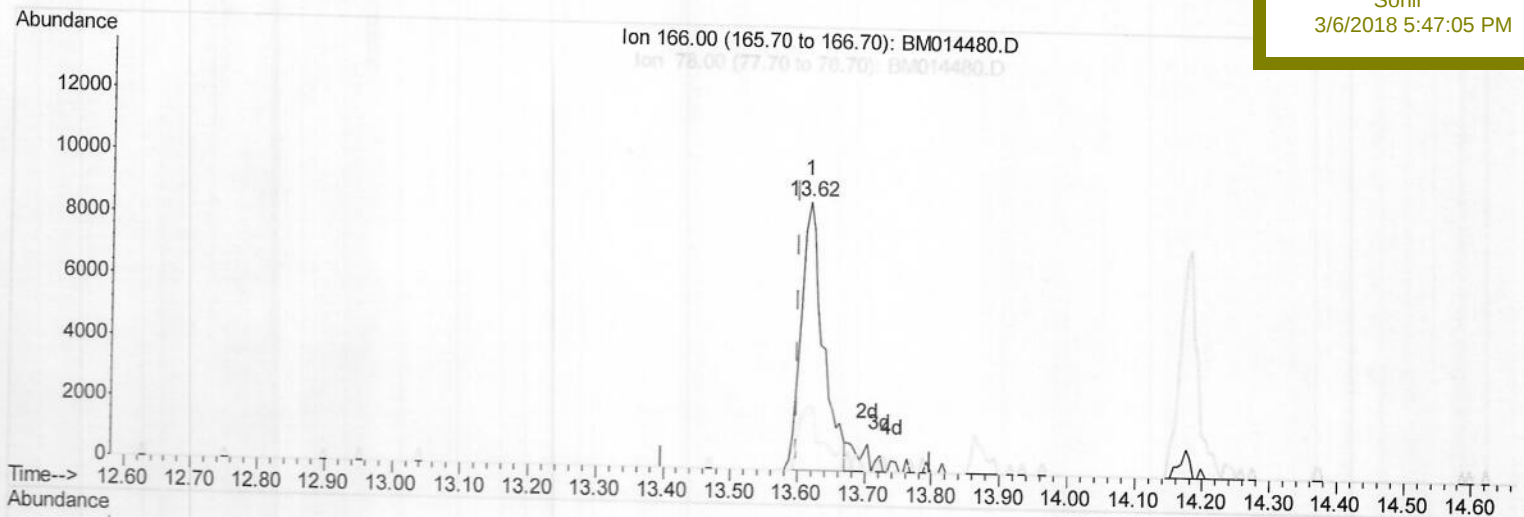
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:05 PM



(43) Dimethylphthalate-d6 (S)

13.616min (+0.018) 1.47ng/ul

response 19785

Ion	Exp%	Act%
166.00	100	100
78.00	17.00	24.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

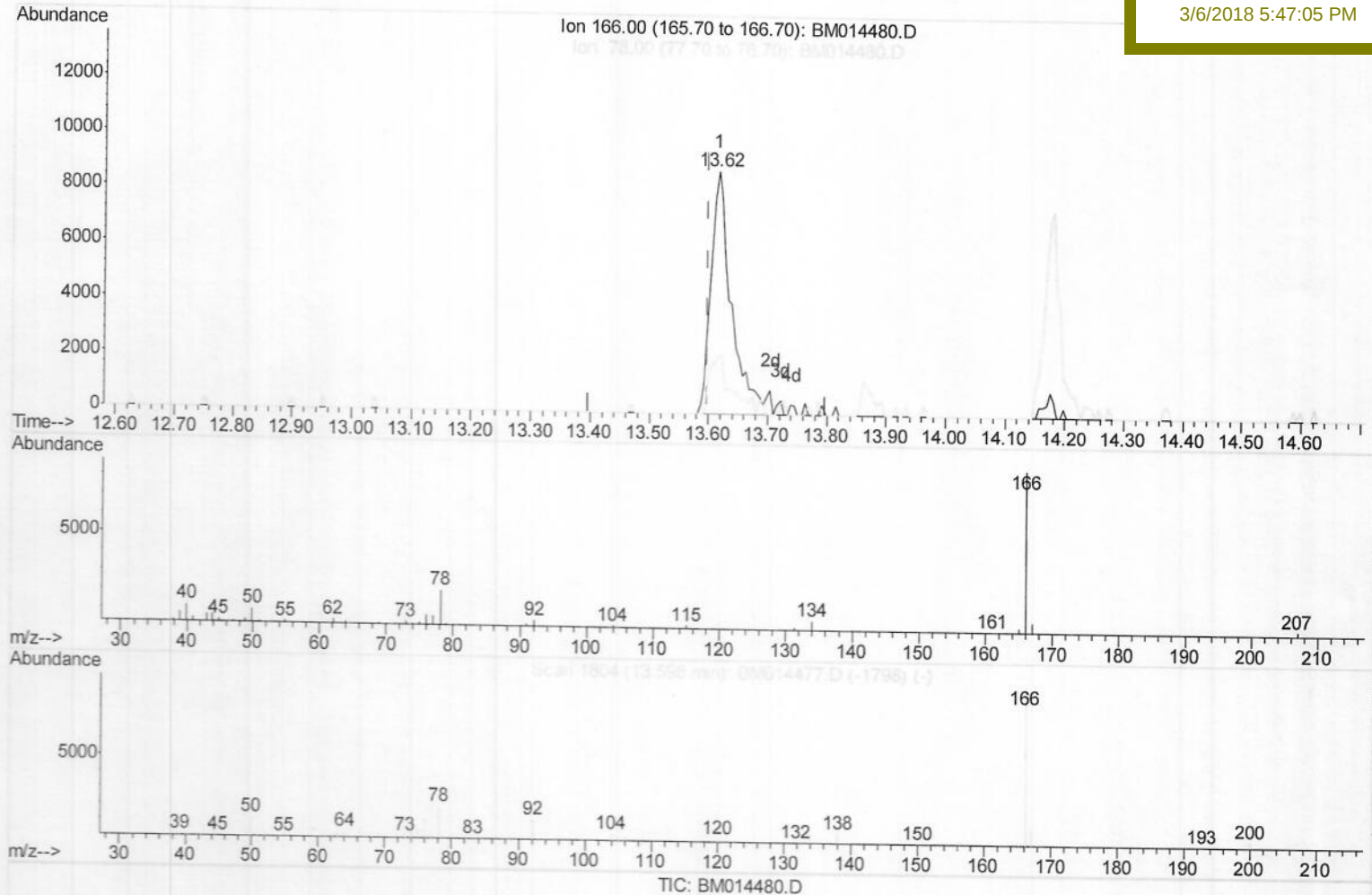
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 06 00:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
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Sohil
 3/6/2018 5:47:05 PM



(43) Dimethylphthalate-d6 (S)
 13.616min (+0.018) 1.58ng/ul m
 response 21272

SJ
 03/06/18

Ion	Exp%	Act%
166.00	100	100
78.00	17.00	24.12#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014480.D
 Acq On : 05 Mar 2018 19:36
 Operator : SJ/JU
 Sample : J1646-01DL 20X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 BE5W7DL

Manual Integrations
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Quant Time: Mar 06 00:51:21 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	76437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	271958	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	163533	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	354521	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	339356	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	304363	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	692m	0.39	ng/uL	-0.01
5) Phenol-d5	6.78	99	6064m	0.94	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	6.89	67	5020m	1.28	ng/ul	0.02
9) 2-Chlorophenol-d4	7.07	132	5616m	1.13	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	2482m	0.44	ng/ul	0.03
19) Nitrobenzene-d5	8.71	128	2645m	1.32	ng/ul	0.03
22) 2-Nitrophenol-d4	9.40	143	1304	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	4363m	1.01	ng/ul	0.08
29) 4-Chloroaniline-d4	10.52	131	861	0.20	ng/ul	0.07
43) Dimethylphthalate-d6	13.62	166	21272m	1.58	ng/ul	0.02
46) Acenaphthylene-d8	13.87	160	26009	1.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	239	0.13	ng/ul	0.14
57) Fluorene-d10	15.19	176	17158	1.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.05	188	26236	1.53	ng/ul	0.00
76) Pyrene-d10	19.36	212	30647	1.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	23394	1.58	ng/ul	0.00
Target Compounds						
74) Fluoranthene	19.02	202	49661	2.035	ng/ul#	92
77) Pyrene	19.39	202	44061	1.954	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.07	149	1087952	81.464	ng/ul#	95
82) Chrysene	21.19	228	25752	1.303	ng/ul	93
85) Benzo(b)fluoranthene	22.69	252	34479	1.692	ng/ul#	90

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

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Manual Integrations
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