

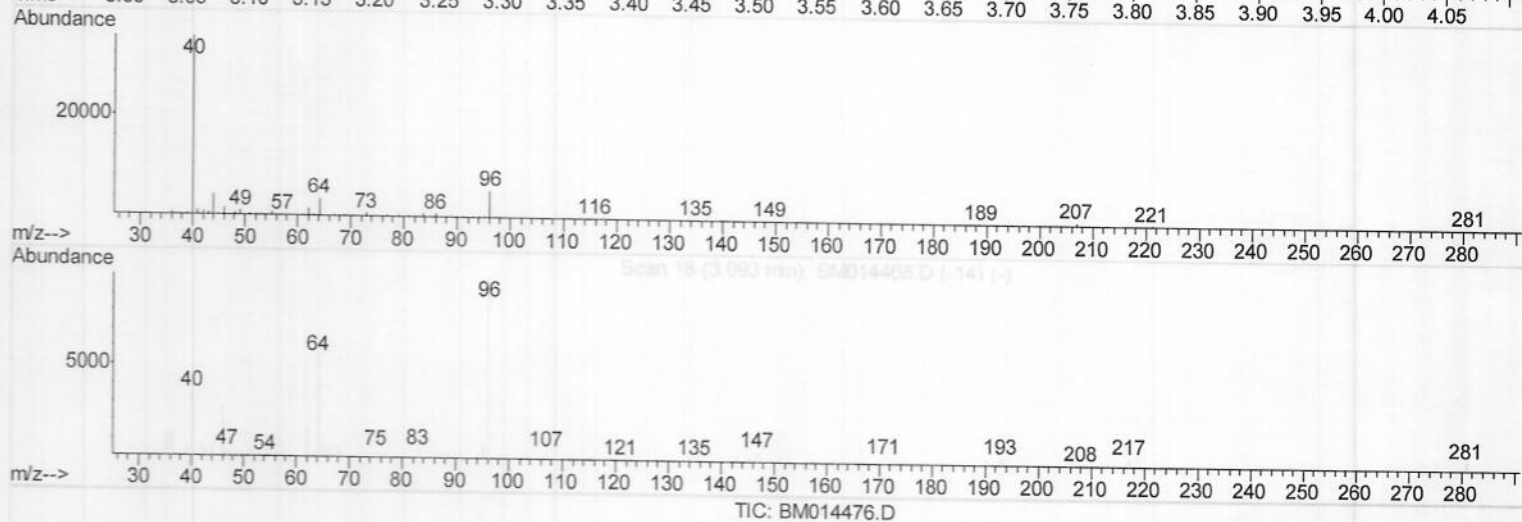
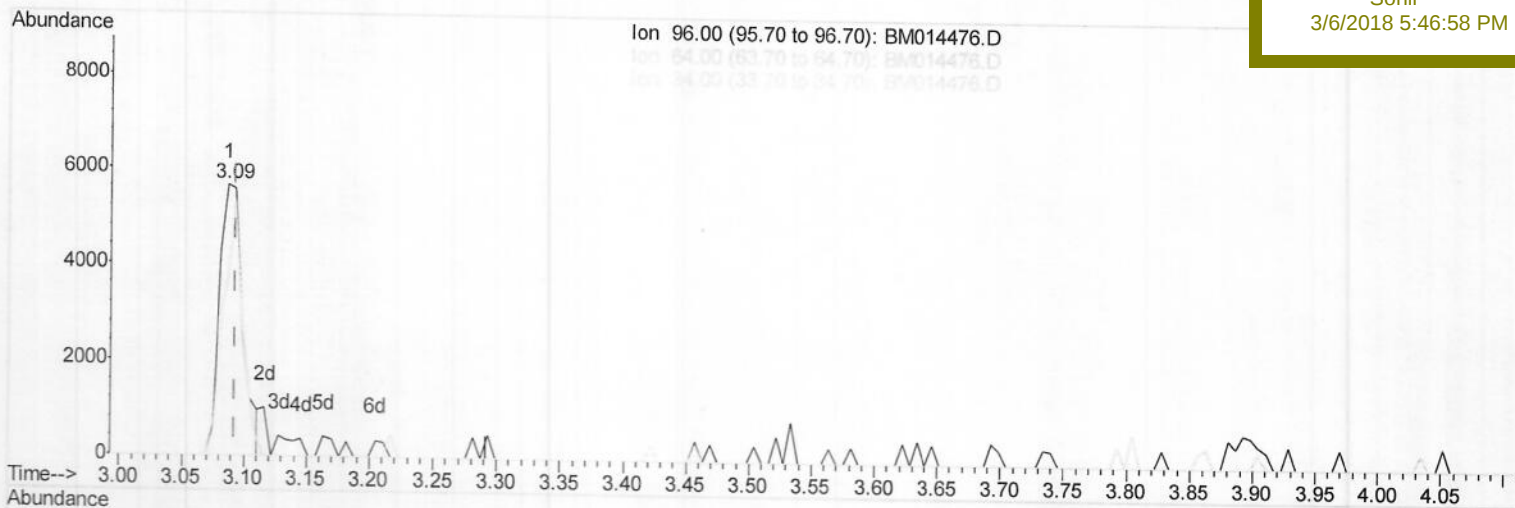
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014476.D
Acq On : 05 Mar 2018 17:00
Operator : SJ/JU
Sample : J1678-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:01:13 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEST0

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

3.087min (-0.006) 3.47ng/uL

response 7331

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	79.92
34.00	0.00	0.00
0.00	0.00	0.00

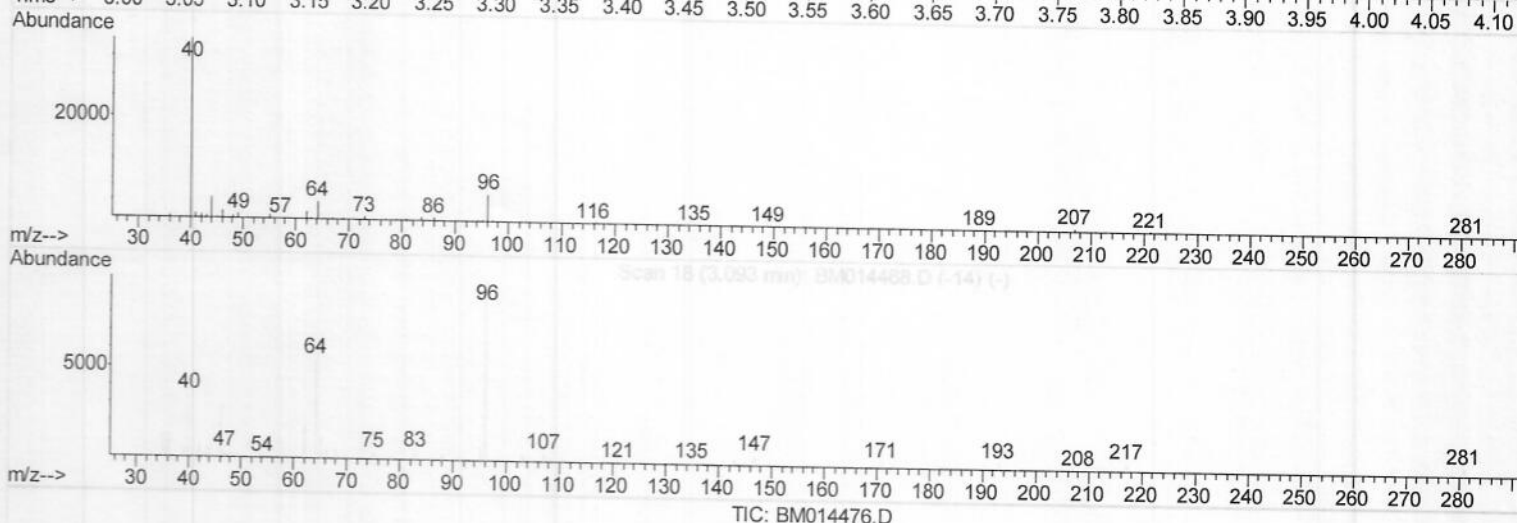
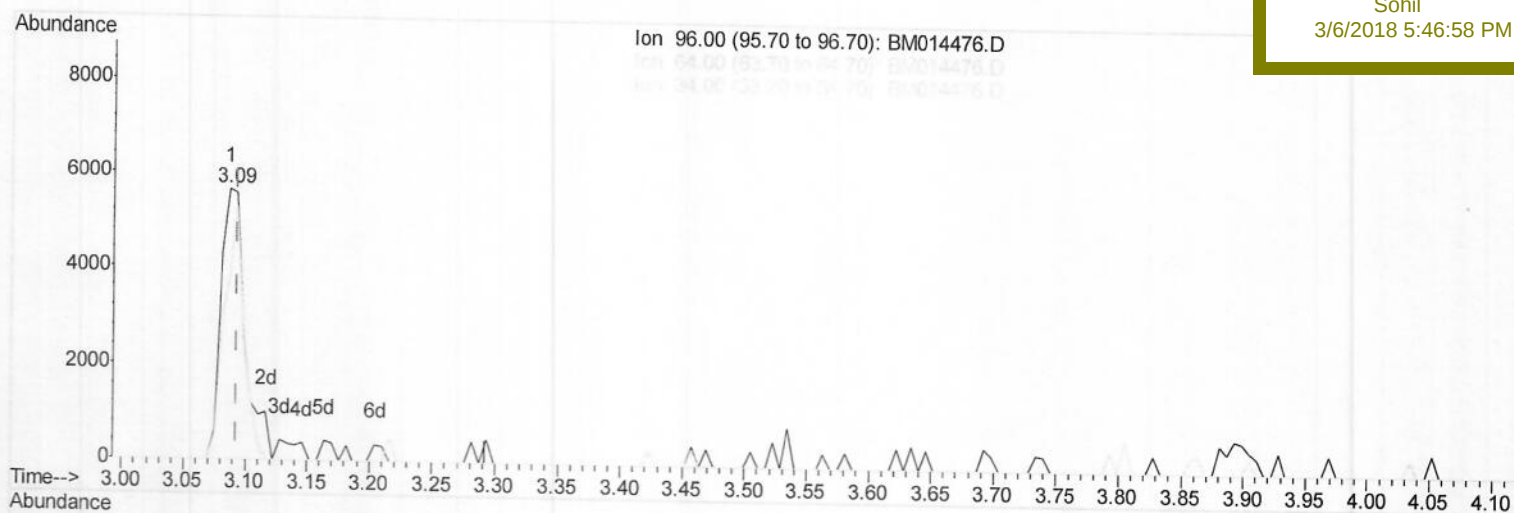
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014476.D
Acq On : 05 Mar 2018 17:00
Operator : SJ/JU
Sample : J1678-01
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
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Instrument :
BNA_M
ClientSampleId :
BEST0

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

3.087min (-0.006) 3.63ng/uL m

response 7682

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	76.27
34.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

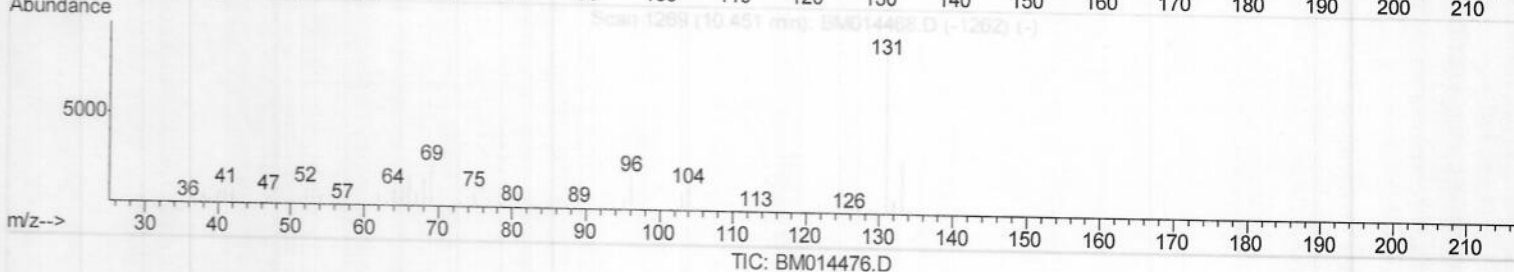
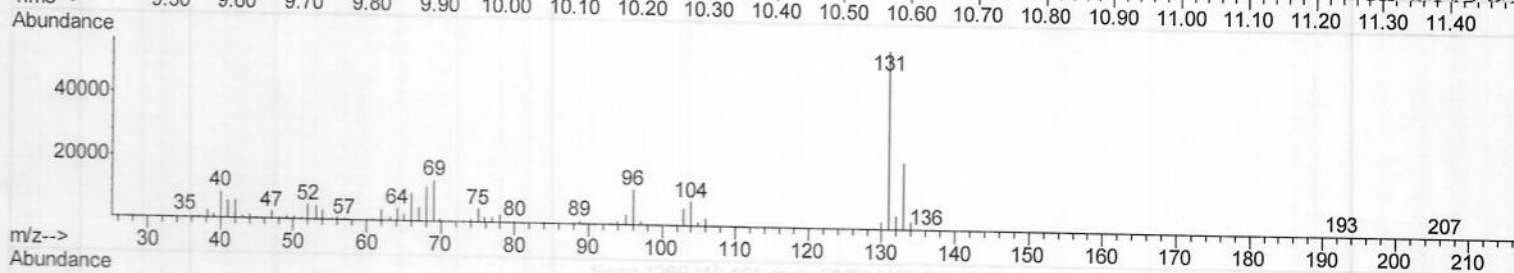
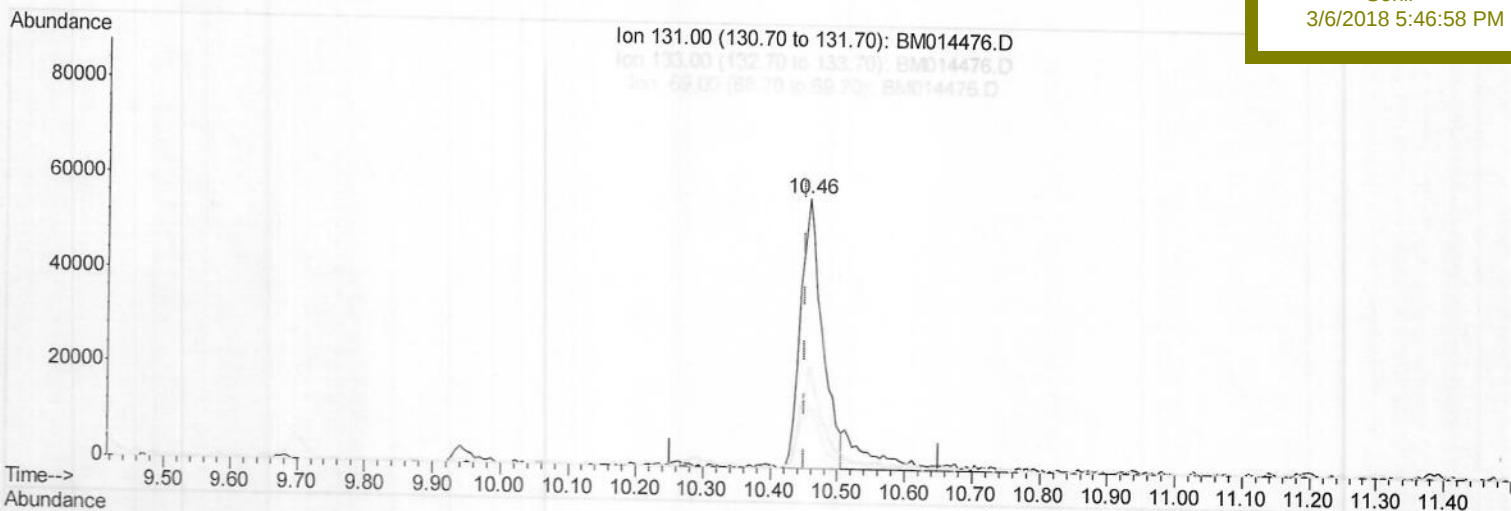
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014476.D
 Acq On : 05 Mar 2018 17:00
 Operator : SJ/JU
 Sample : J1678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:28:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BEST0

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)
 10.457min (+0.006) 21.51ng/ul
 response 127315

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	38.26#
69.00	24.30	23.03
0.00	0.00	0.00

Quantitation Report (Qedit)

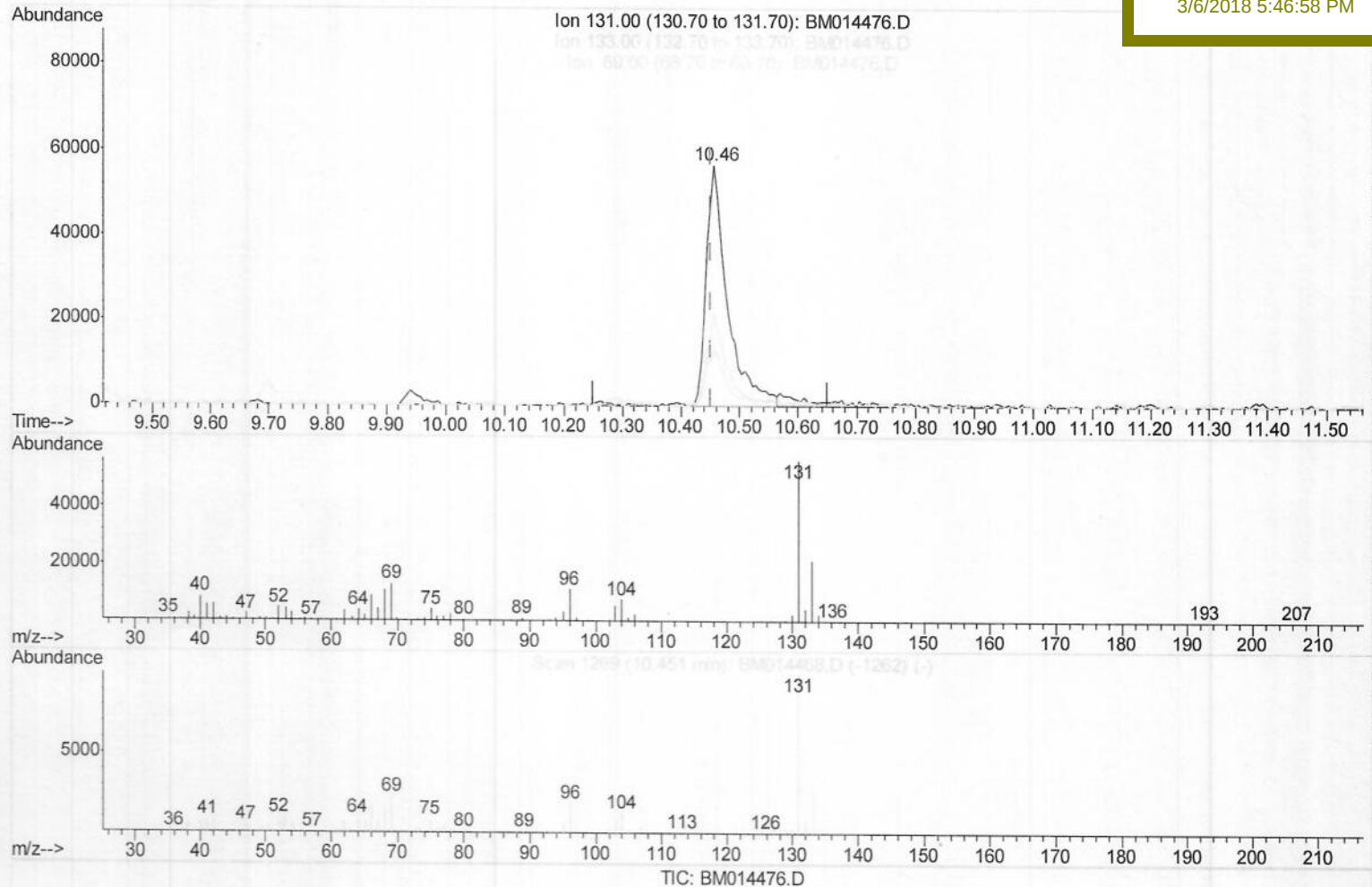
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014476.D
Acq On : 05 Mar 2018 17:00
Operator : SJ/JU
Sample : J1678-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:28:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BEST0

Manual Integrations
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(29) 4-Chloroaniline-d4 (S)

10.457min (+0.006) 24.09ng/ul m

response 142632

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	38.26#
69.00	24.30	23.03
0.00	0.00	0.00

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03/06/18

Quantitation Report (Qedit)

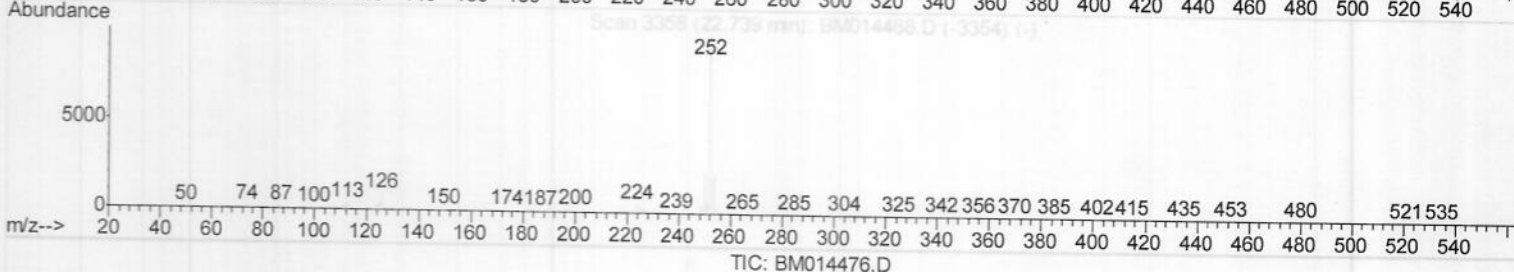
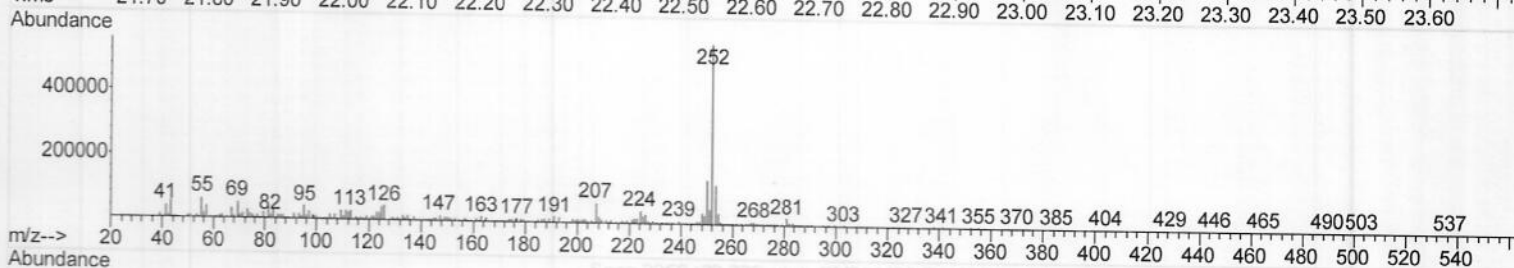
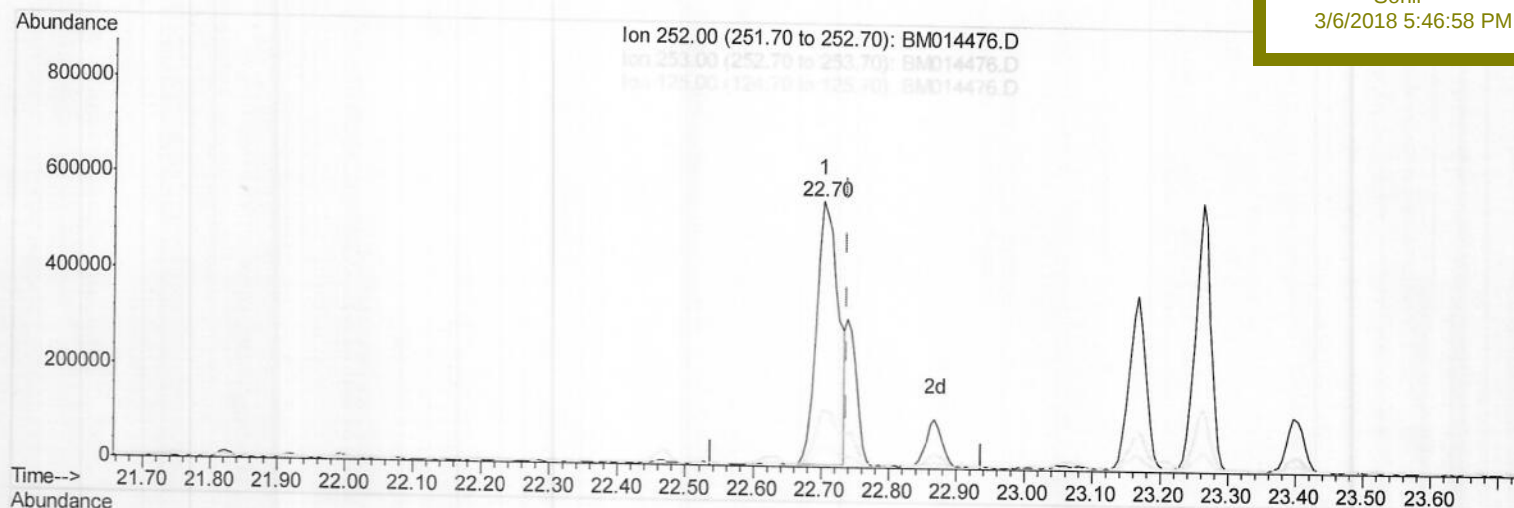
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014476.D
 Acq On : 05 Mar 2018 17:00
 Operator : SJ/JU
 Sample : J1678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:29:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 BEST0

Manual Integrations
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(86) Benzo(k)fluoranthene

22.703min (-0.035) 53.79ng/ul

response 1233966

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.27
125.00	4.30	7.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

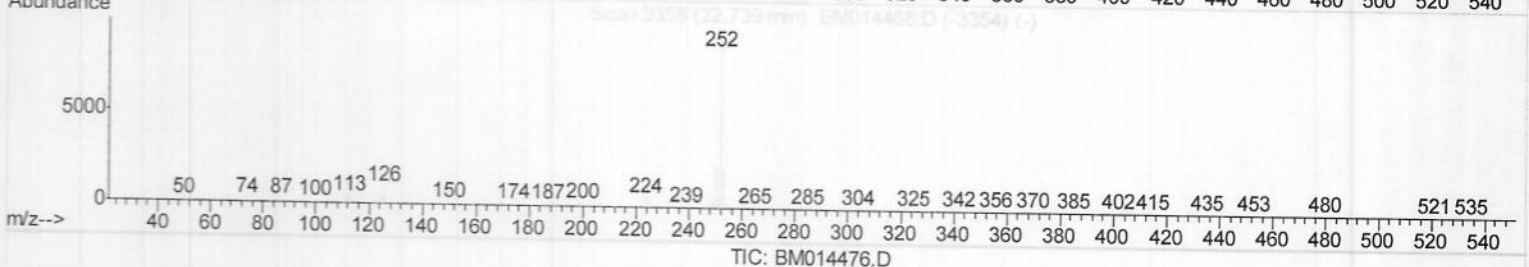
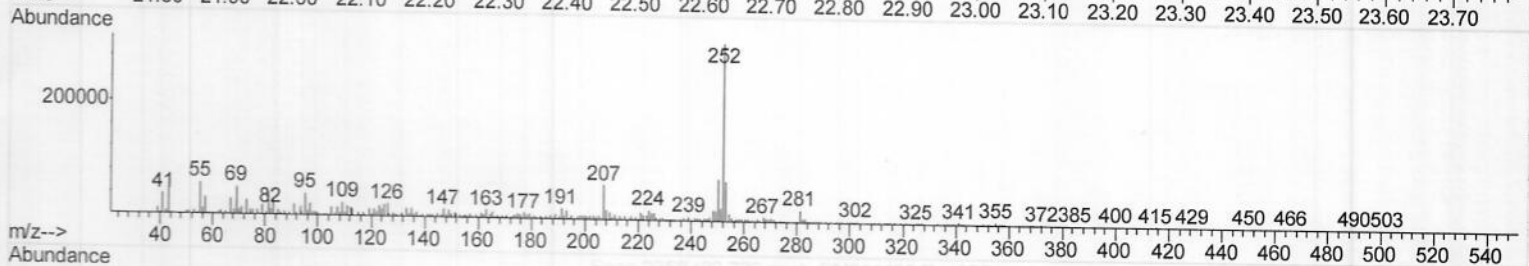
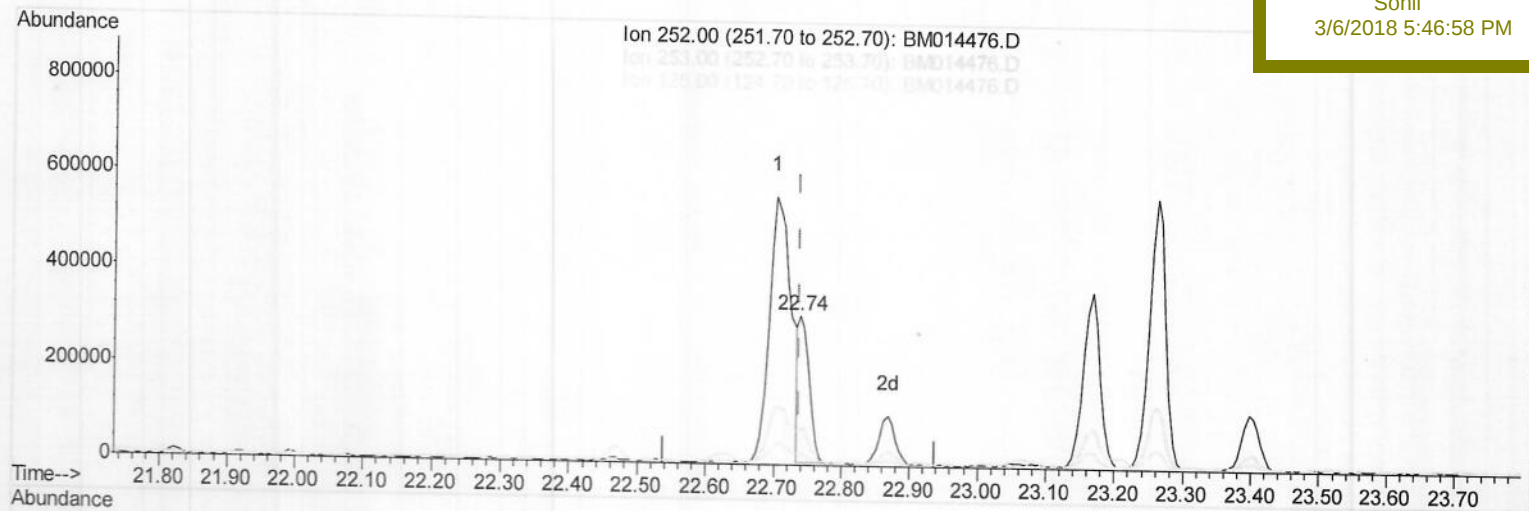
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014476.D
 Acq On : 05 Mar 2018 17:00
 Operator : SJ/JU
 Sample : J1678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:29:26 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
ClientSampled :
 BESTO

Manual Integrations
APPROVED

Sohil
 3/6/2018 5:46:58 PM



(86) Benzo(k)fluoranthene
 22.739min (-0.000) 14.91ng/ul m
 response 342058

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.93
125.00	4.30	6.97#
0.00	0.00	0.00

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03/06/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014476.D
 Acq On : 05 Mar 2018 17:00
 Operator : SJ/JU
 Sample : J1678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 05 23:37:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 BESTO

Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	90515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	379303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	205542	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	409235	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	367322	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	360364	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7682m	3.63	ng/uL	0.00
5) Phenol-d5	6.73	99	226435	29.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	141273	30.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	186664	31.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	188067	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	93939	33.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	109065	37.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	174011	28.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	142632m	24.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	586205	34.54	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	738858	35.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	56637	24.17	ng/ul	-0.01
57) Fluorene-d10	15.18	176	465034	30.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	20041	8.16	ng/ul	0.00
70) Anthracene-d10	17.04	188	660657	33.46	ng/ul	0.00
76) Pyrene-d10	19.36	212	657417	34.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	582629	33.22	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.76	94	17118	2.132	ng/ul#	80
16) 4-Methylphenol	8.30	108	40736	6.088	ng/ul	90
28) Naphthalene	10.33	128	91265	4.685	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	43161	2.911	ng/ul	95
44) Dimethylphthalate	13.65	163	101837	6.084	ng/ul	99
47) Acenaphthylene	13.90	152	60853	3.076	ng/ul	96
49) Acenaphthene	14.24	153	70159	5.036	ng/ul	100
53) Dibenzofuran	14.59	168	58680	2.809	ng/ul#	86
58) Fluorene	15.24	166	78789	4.369	ng/ul#	98
69) Phenanthrene	16.99	178	1564461	66.351	ng/ul	98
71) Anthracene	17.07	178	288010	12.146	ng/ul	97
72) Carbazole	17.36	167	92121	4.620	ng/ul#	91
74) Fluoranthene	19.02	202	1980502	70.305	ng/ul#	95
77) Pyrene	19.39	202	2227548	91.251	ng/ul#	95
80) Benzo(a)anthracene	21.15	228	1075324	46.907	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	23882	1.652	ng/ul#	92
82) Chrysene	21.20	228	1053419	49.258	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	1233966	51.140	ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	342058m	14.910	ng/ul	97
88) Benzo(a)pyrene	23.26	252	925721	42.933	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	561878	26.854	ng/ul	100
90) Dibenzo(a,h)anthracene	25.54	278	167242	9.620	ng/ul#	87
91) Benzo(g,h,i)perylene	26.21	276	475861	28.075	ng/ul	93

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BNA_M
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BEST0

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Client Sample ID :
BE5T0

Manual Integrations
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