

Quantitation Report (Qedit)

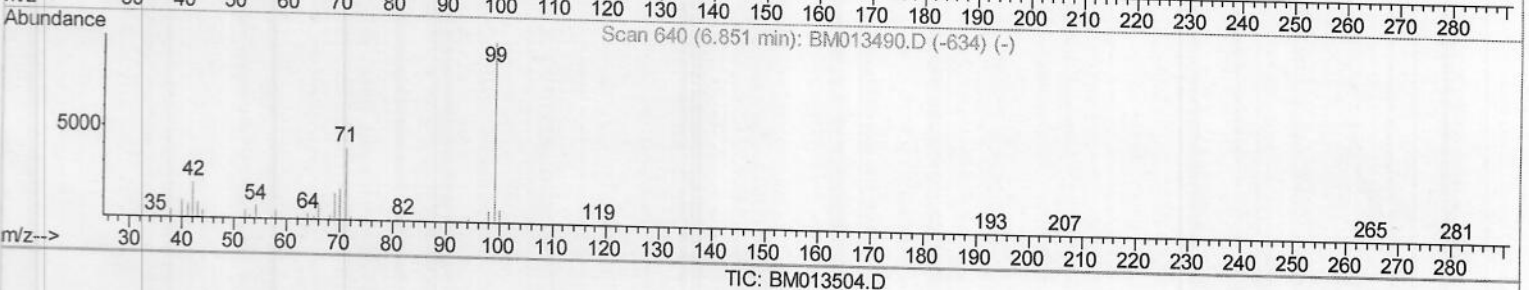
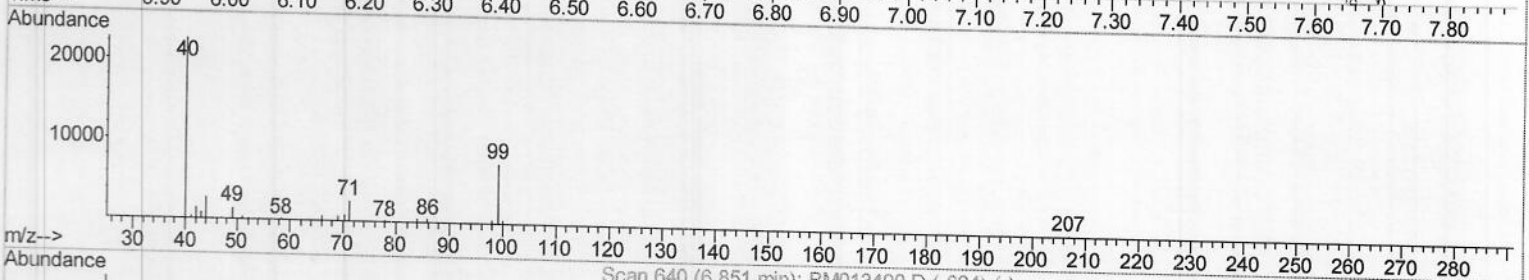
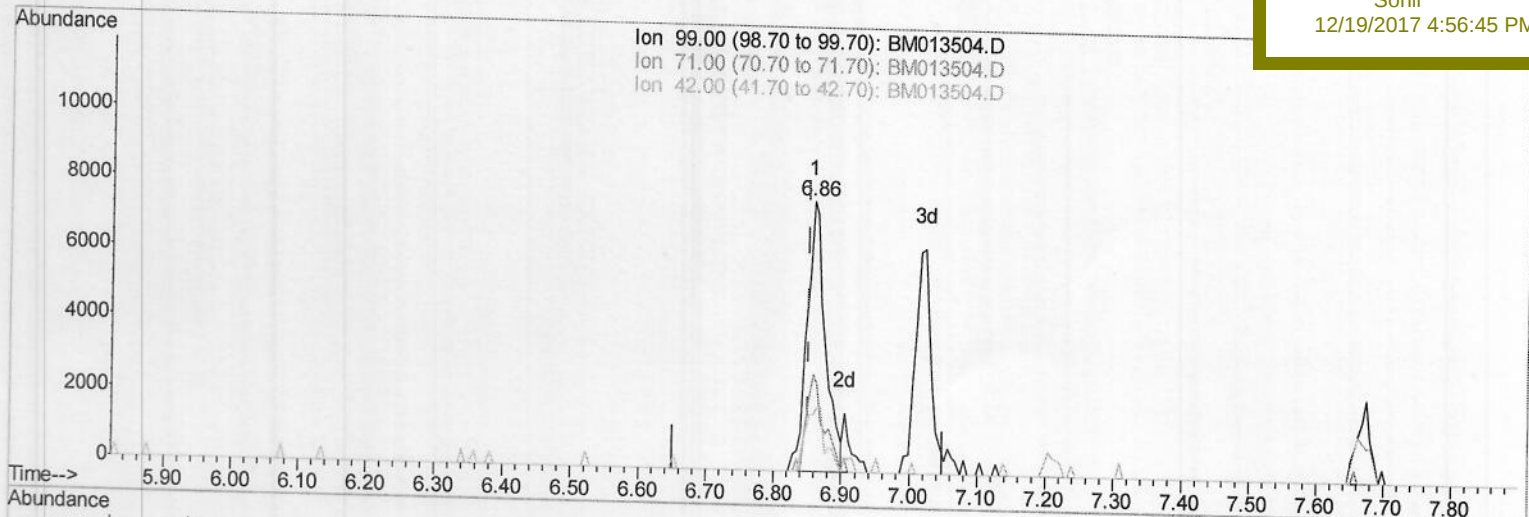
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 00:44:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

Manual Integrations
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 12/19/2017 4:56:45 PM



(5) Phenol-d5 (S)

6.857min (+0.006) 0.92ng/ul

response 14465

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	35.84#
42.00	24.20	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

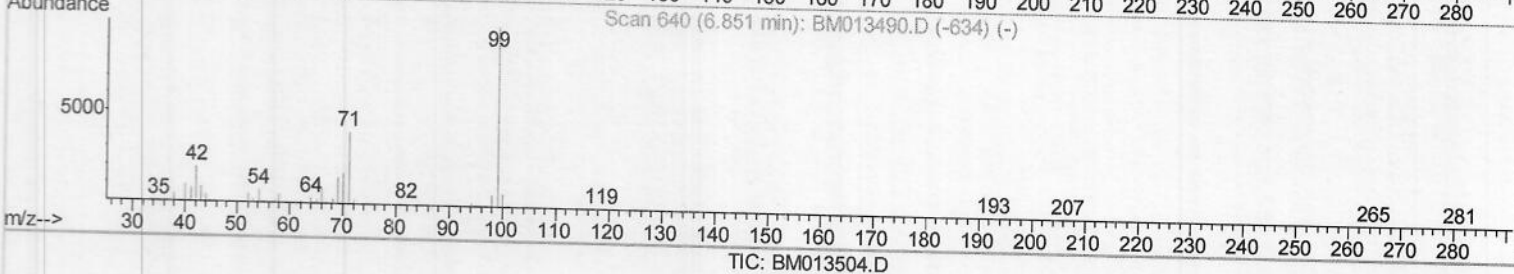
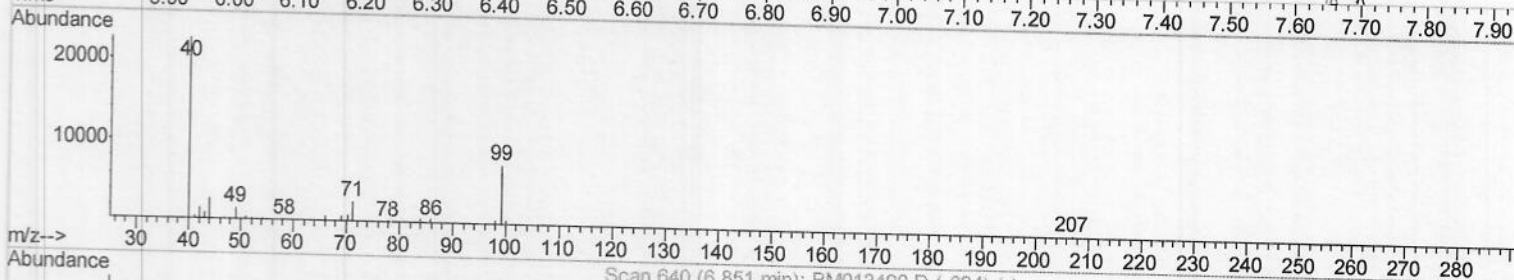
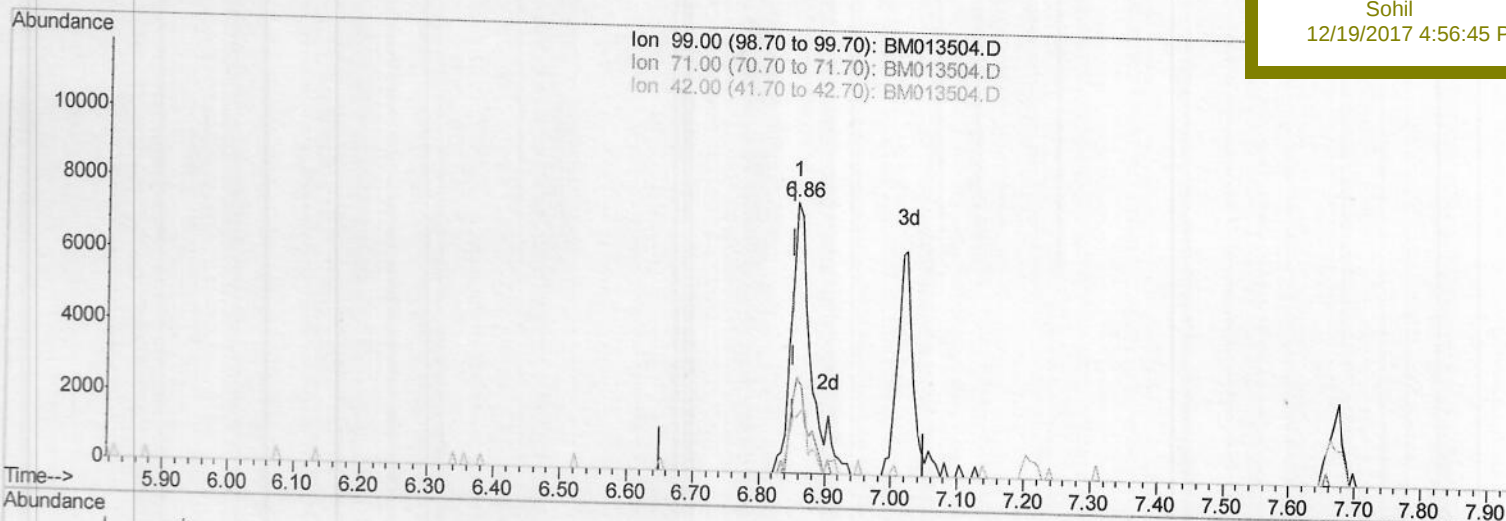
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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Manual Integrations
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(5) Phenol-d5 (S)

6.857min (+0.006) 1.01ng/ul m > SJ 12/27/17

response 15922

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	35.84#
42.00	24.20	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:13:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

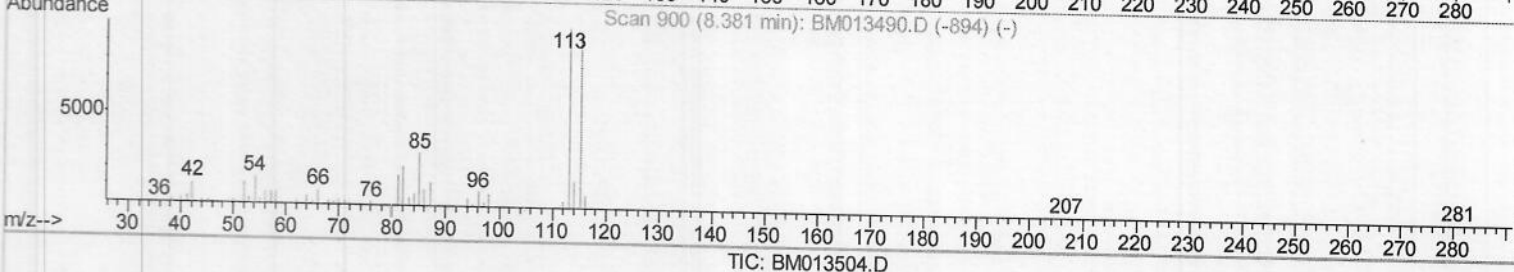
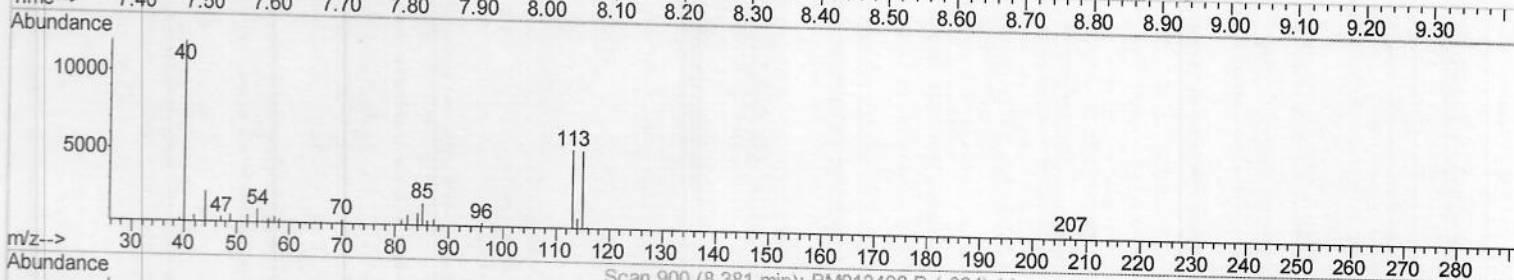
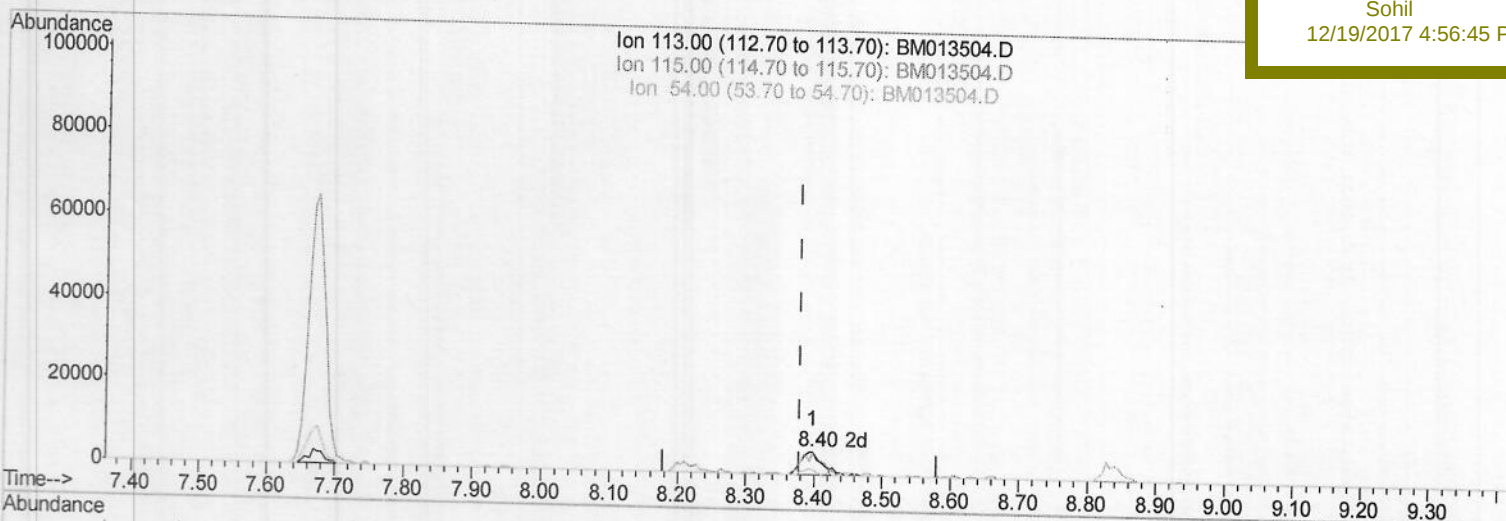
F9A56MEDL

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(13) 4-Methylphenol-d8 (S)

8.398min (+0.018) 0.81ng/ul

response 10802

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	99.27
54.00	18.90	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

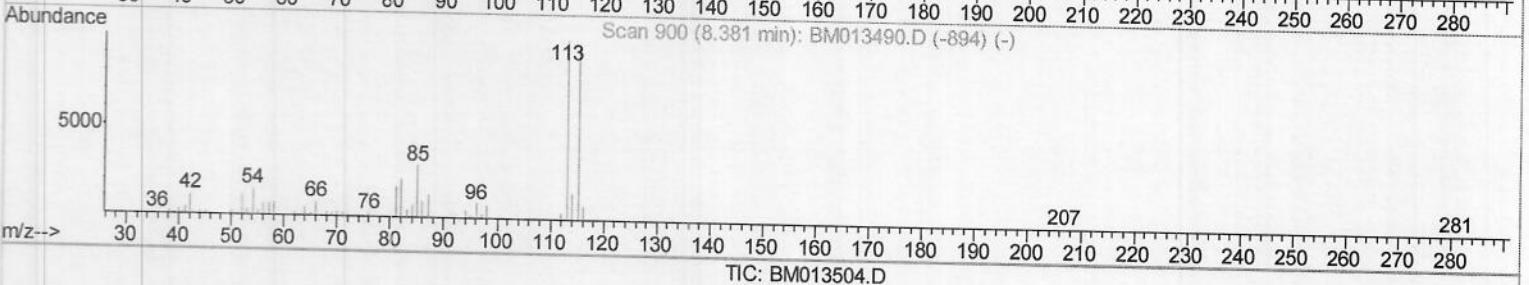
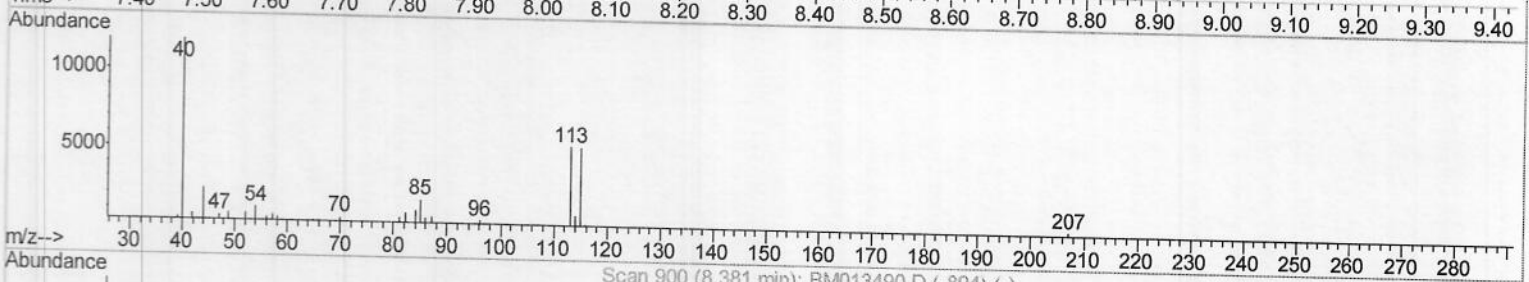
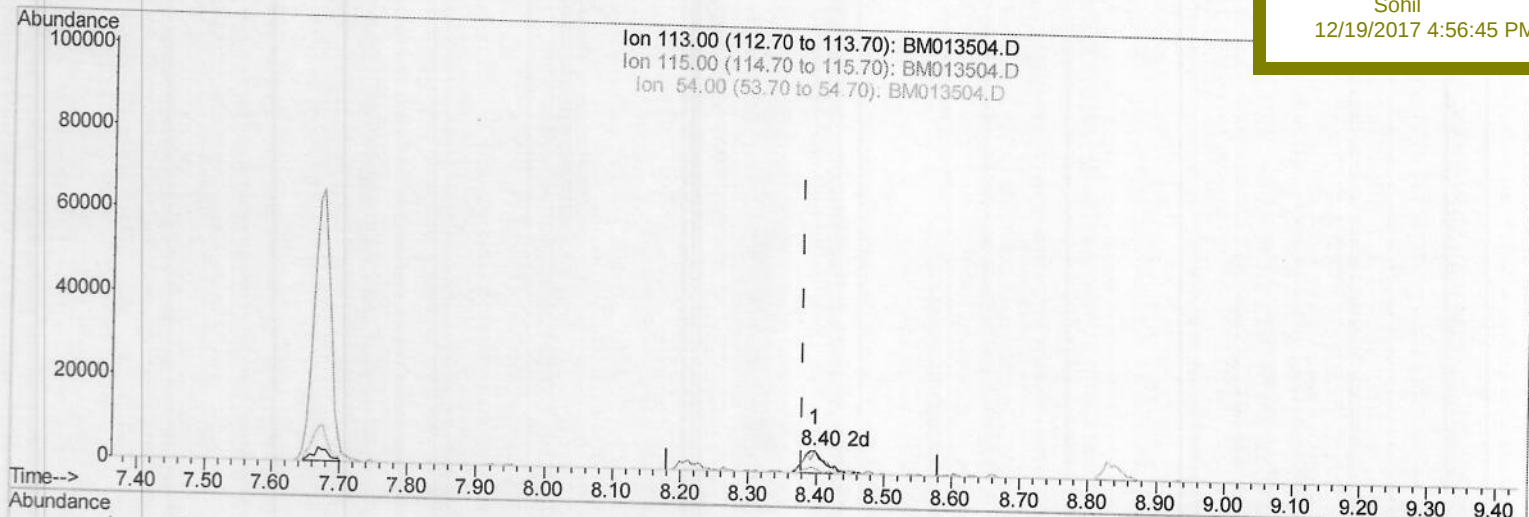
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
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Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

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

8.398min (+0.018) 0.87ng/ul m > SJ12127117

response 11608

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	99.27
54.00	18.90	22.16
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013504.D
Acq On : 18 Dec 2017 18:24
Operator : SJ/JU
Sample : I6776-04MEDL 30X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:13:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

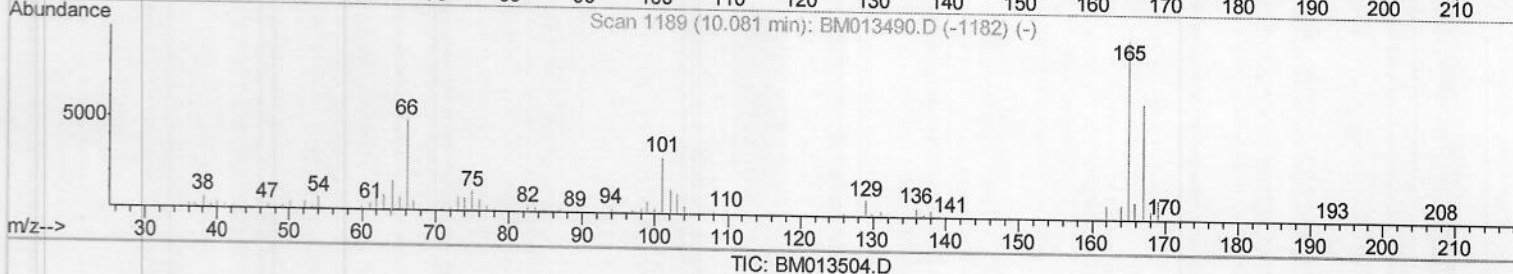
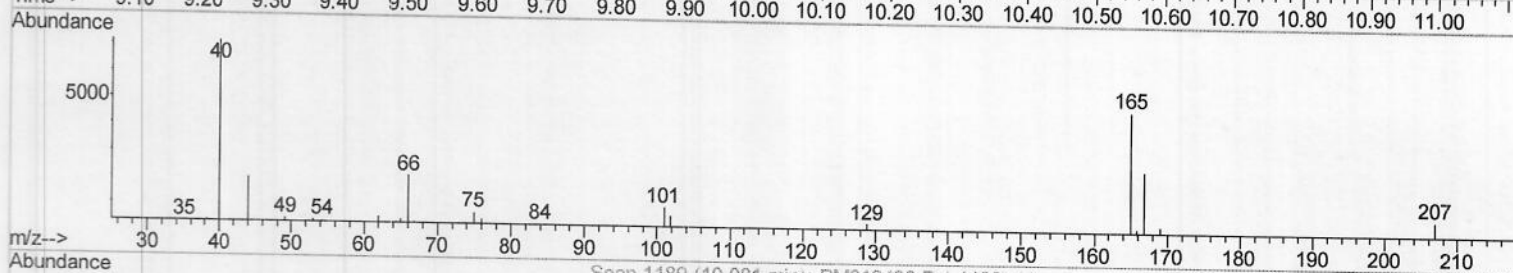
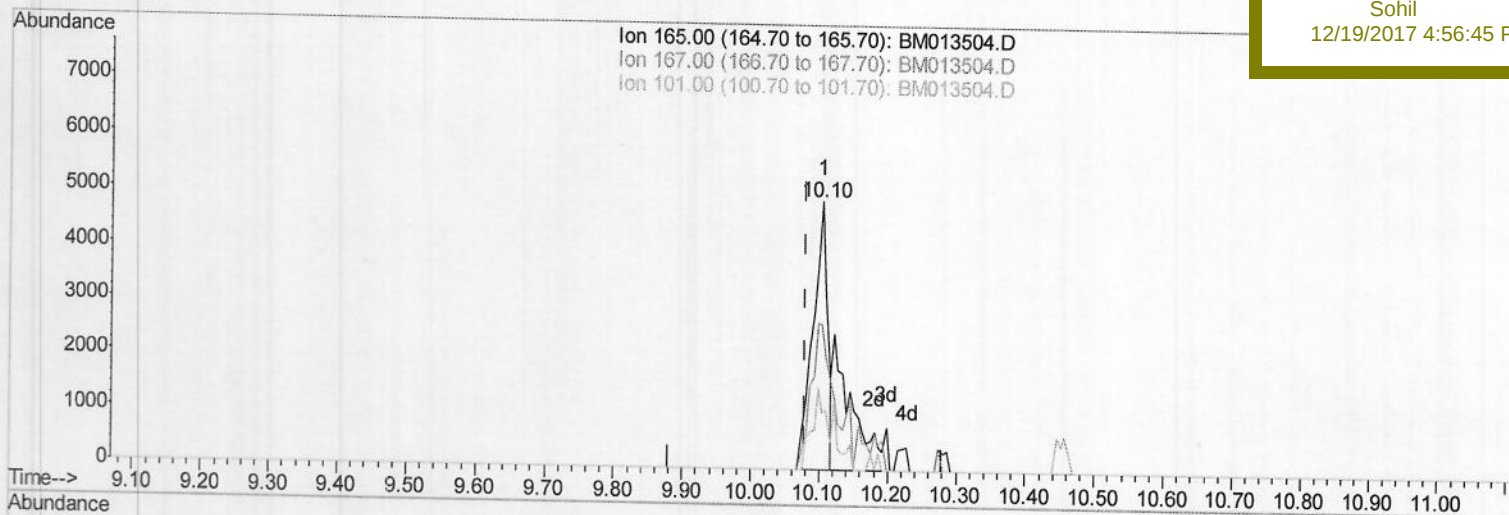
F9A56MEDL

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

10.104min (+0.023) 0.52ng/ul

response 7285

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.82
101.00	29.30	21.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

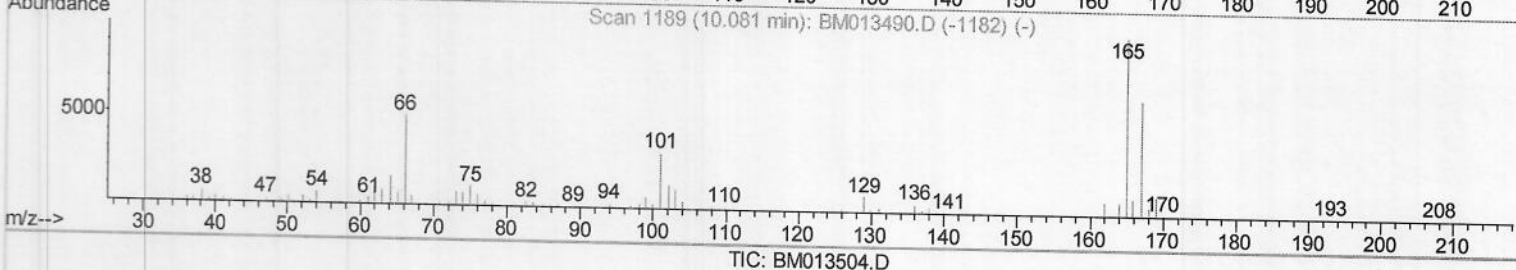
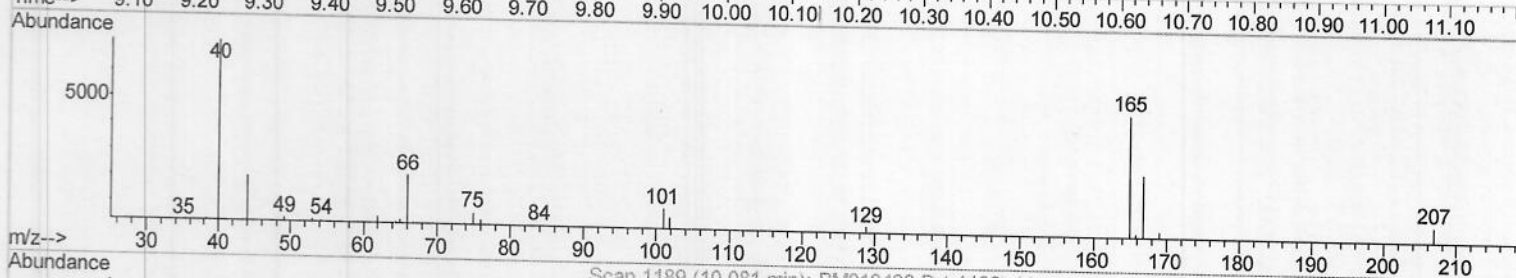
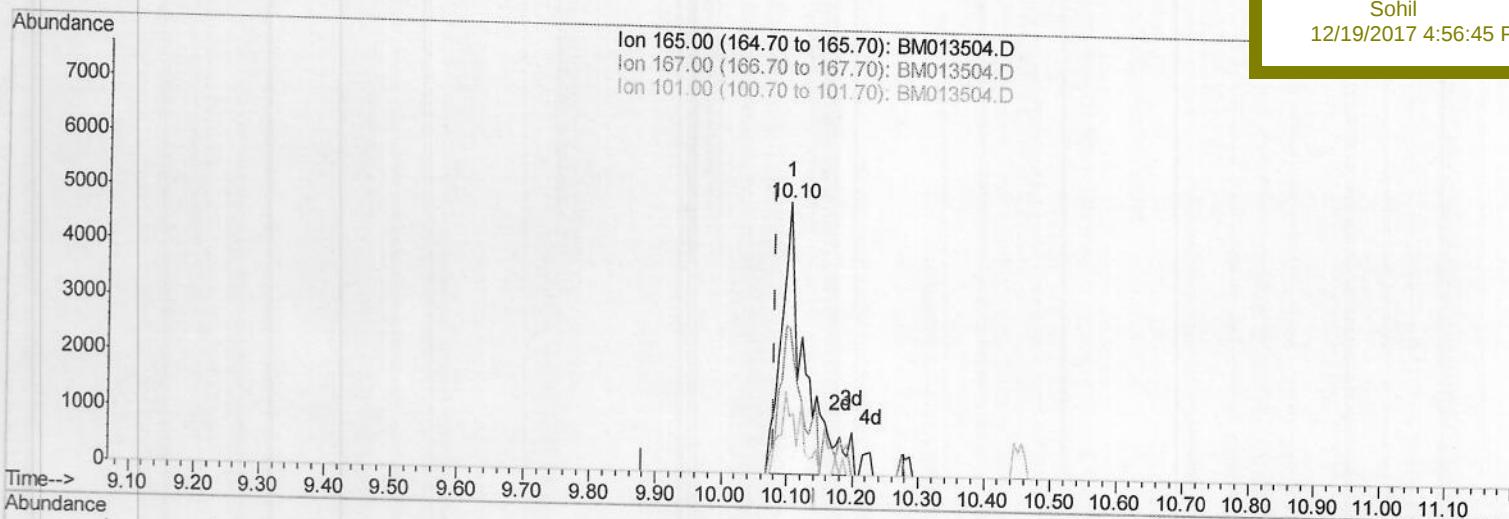
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:13:59 2017
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 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

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

10.104min (+0.023) 0.88ng/ul m > SJ 12/27/17

response 12400

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.82
101.00	29.30	21.50#
0.00	0.00	0.00

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:14:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

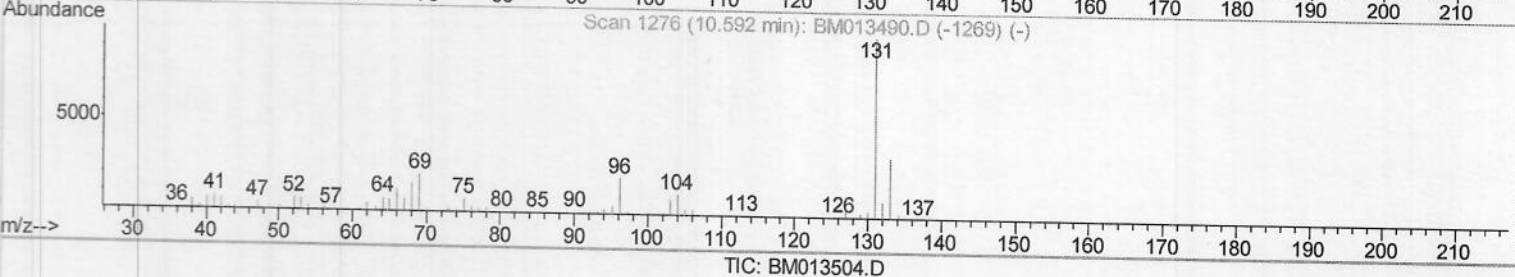
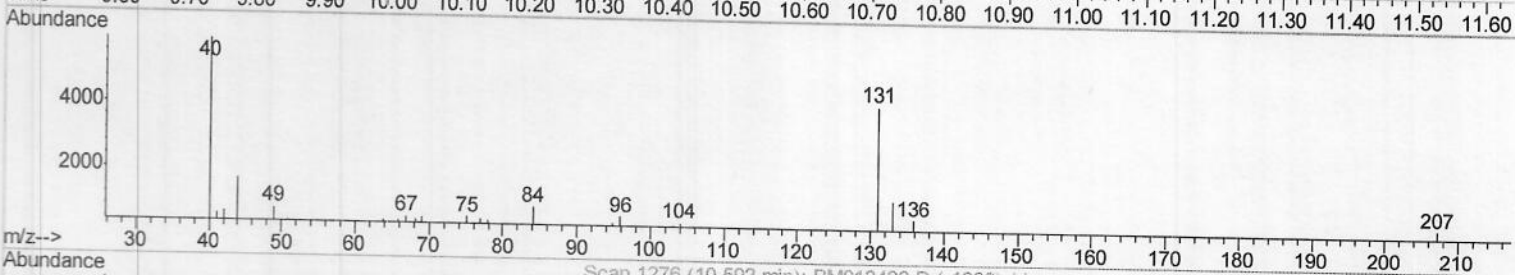
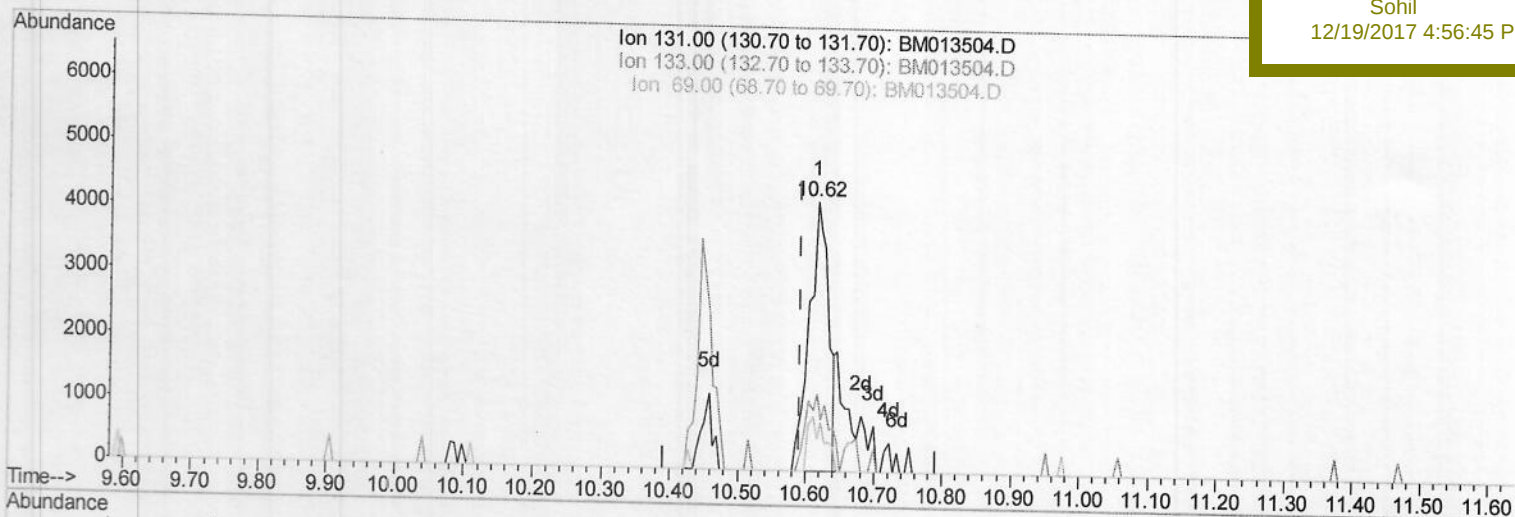
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Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.616min (+0.023) 0.65ng/ul

response 8324

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	29.08
69.00	24.30	11.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:14:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

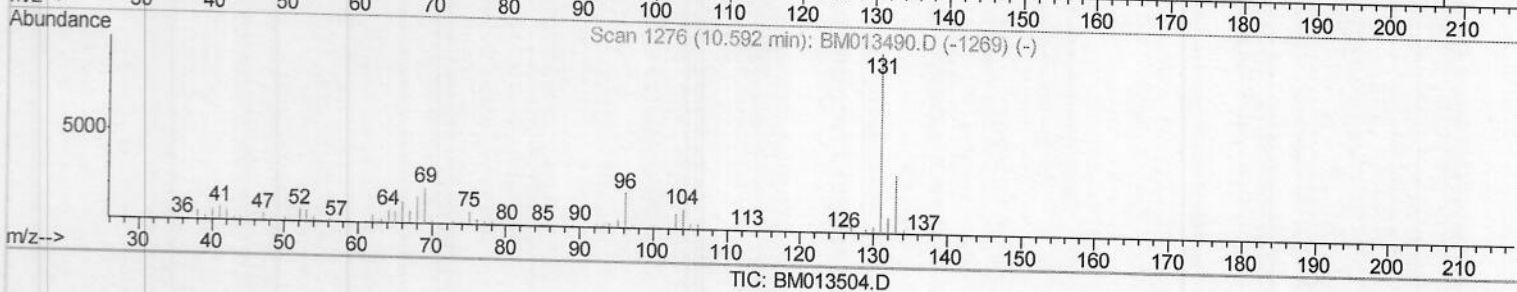
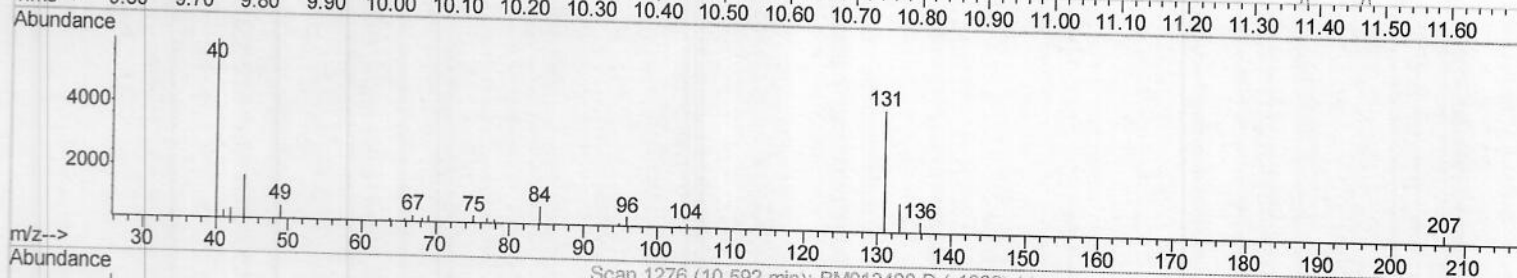
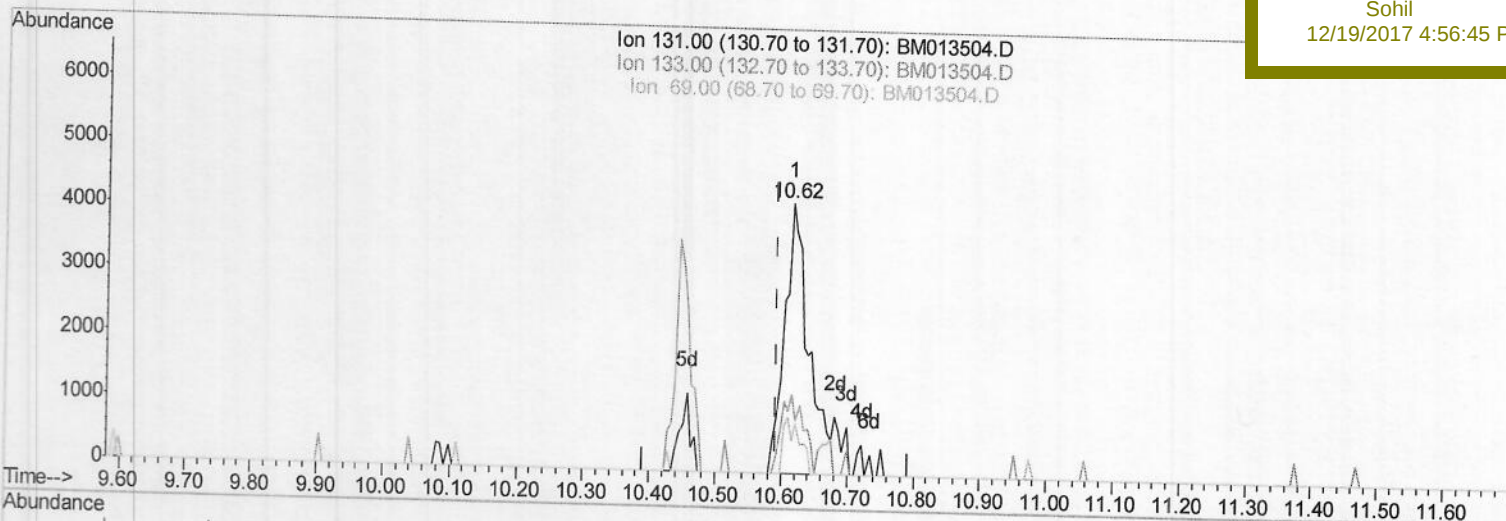
F9A56MEDL

Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.616min (+0.023) 0.88ng/ul m > SJ 12/27/17

response 11415

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	29.08
69.00	24.30	11.87#
0.00	0.00	0.00

Quantitation Report (Qedit)

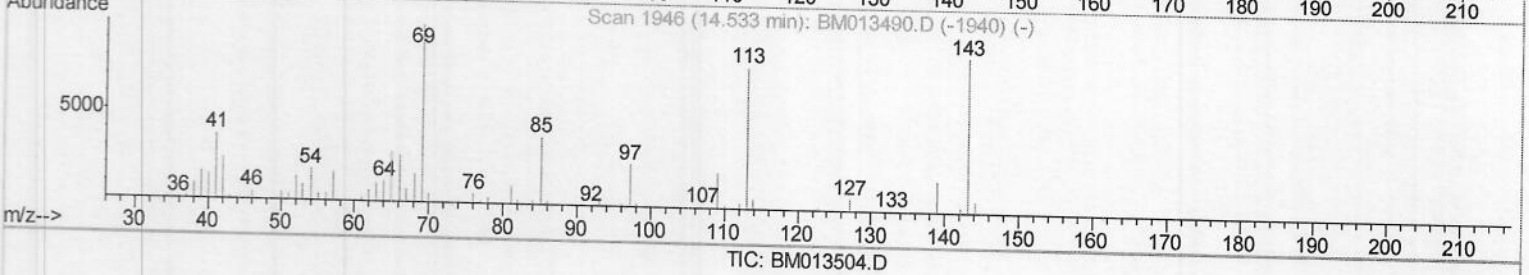
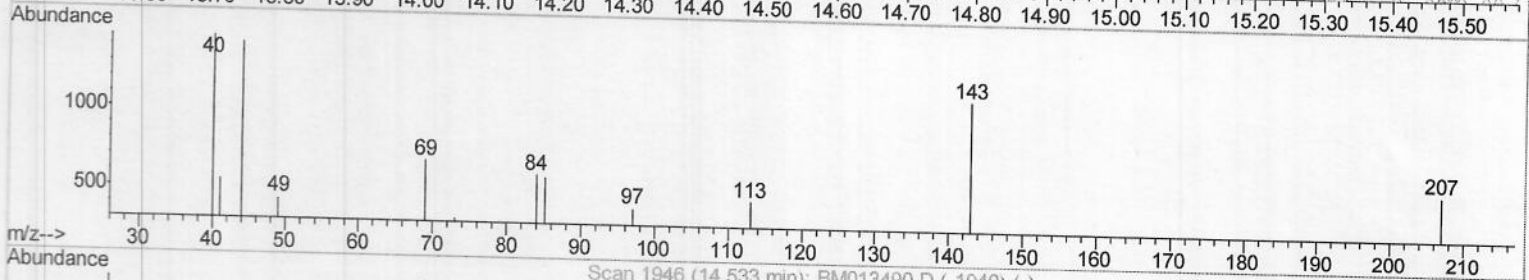
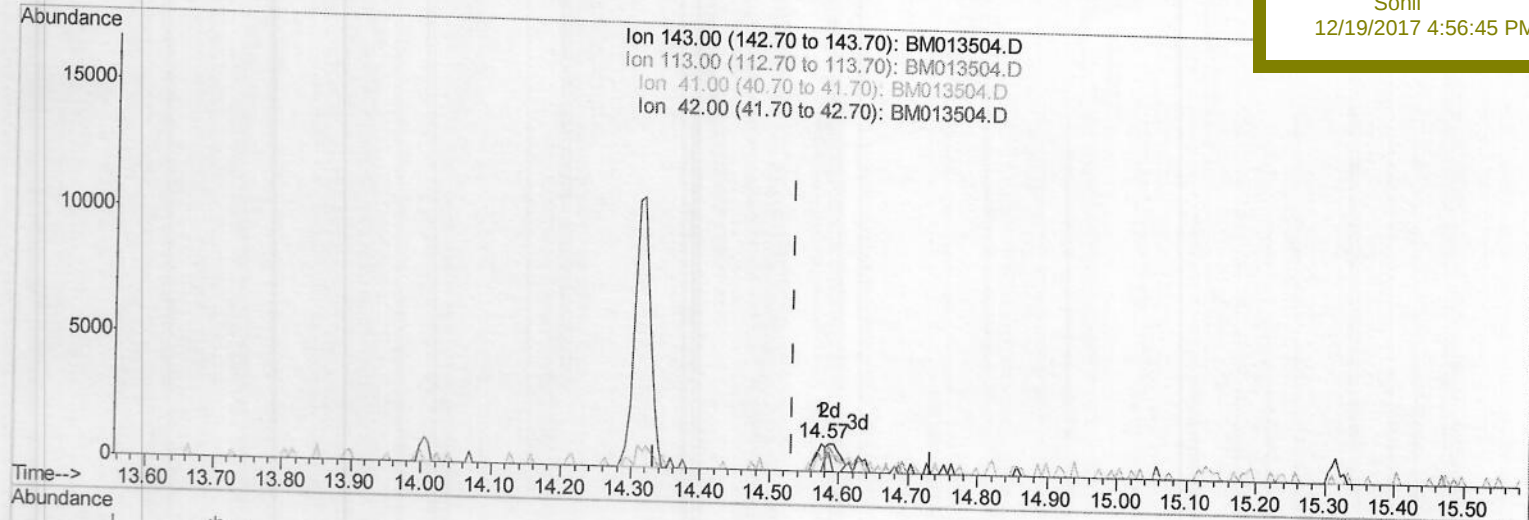
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

Manual Integrations
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Quant Time: Dec 19 03:15:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)
 14.574min (+0.041) 0.16ng/ul
 response 1150

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	40.90#
41.00	34.80	48.20#
42.00	20.50	0.00#

Quantitation Report (Qedit)

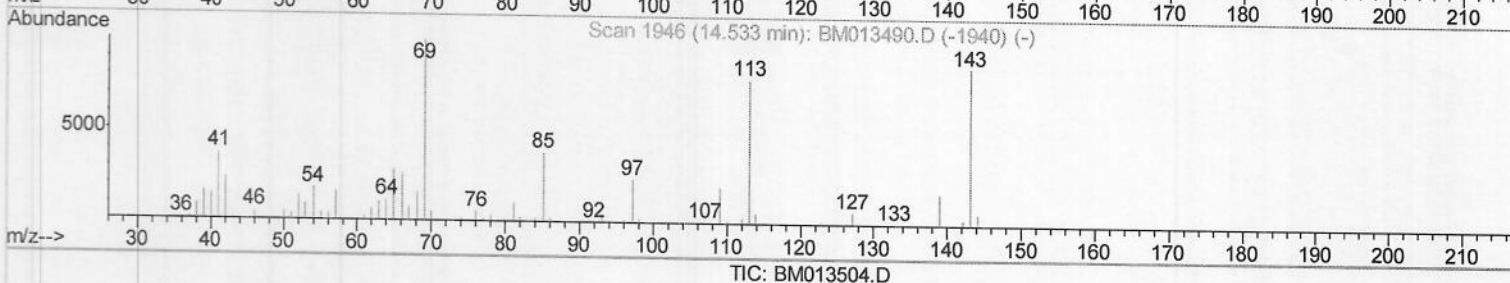
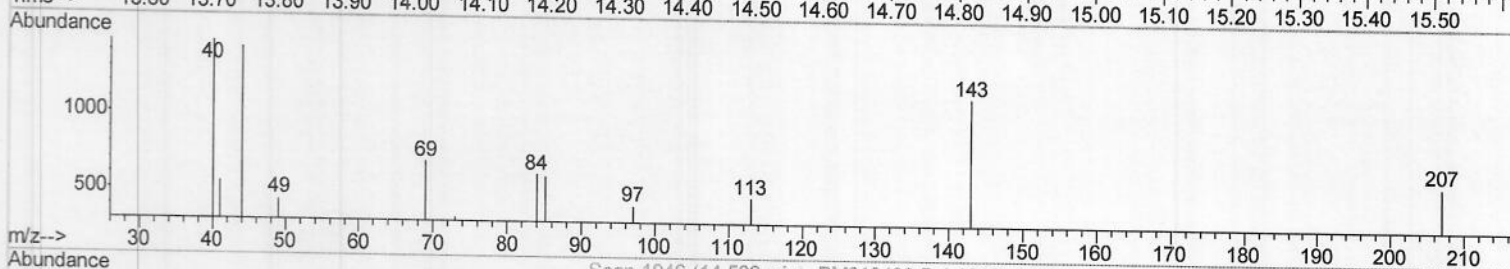
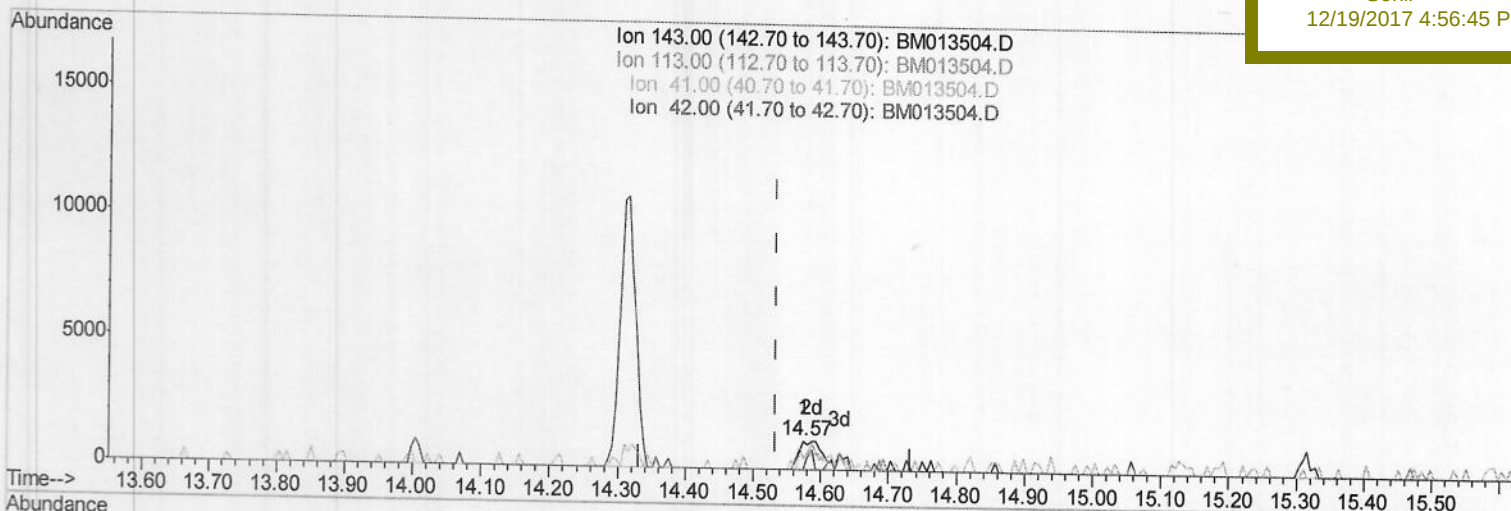
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:15:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampled :
 F9A56MEDL

Manual Integrations
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TIC: BM013504.D

(51) 4-Nitrophenol-d4 (S)

14.574min (+0.041) 0.37ng/ul m

> SJ 12/27/17

response 2730

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	40.90#
41.00	34.80	48.20#
42.00	20.50	0.00#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013504.D
Acq On : 18 Dec 2017 18:24
Operator : SJ/JU
Sample : I6776-04MEDL 30X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:15:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 19 00:41:55 2017
Response via : Initial Calibration

Instrument :

BNA_M

Client Sample Id :

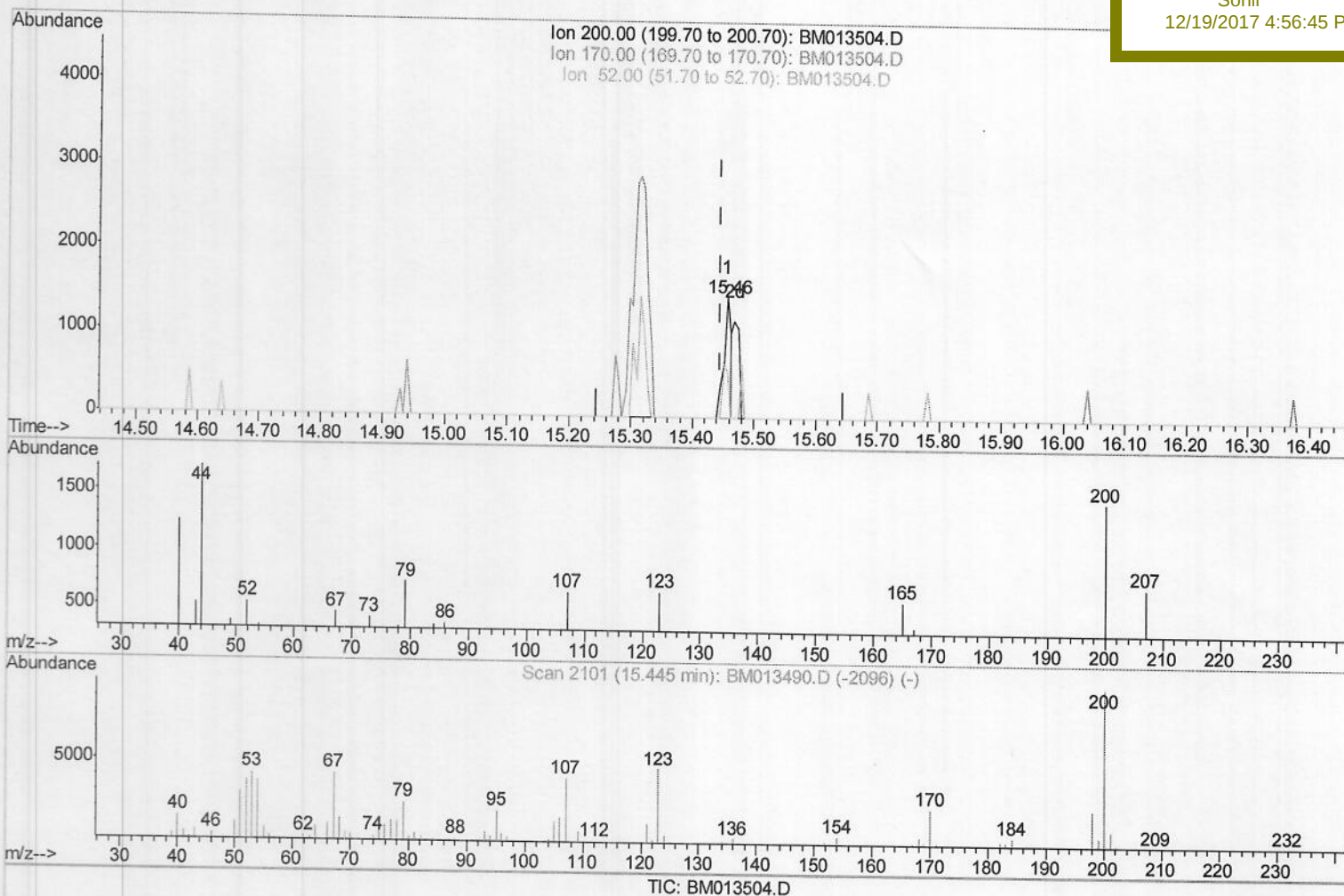
F9A56MEDL

Manual Integrations

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.457min (+0.012) 0.19ng/ul

response 1233

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	0.00#
52.00	49.50	36.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:15:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

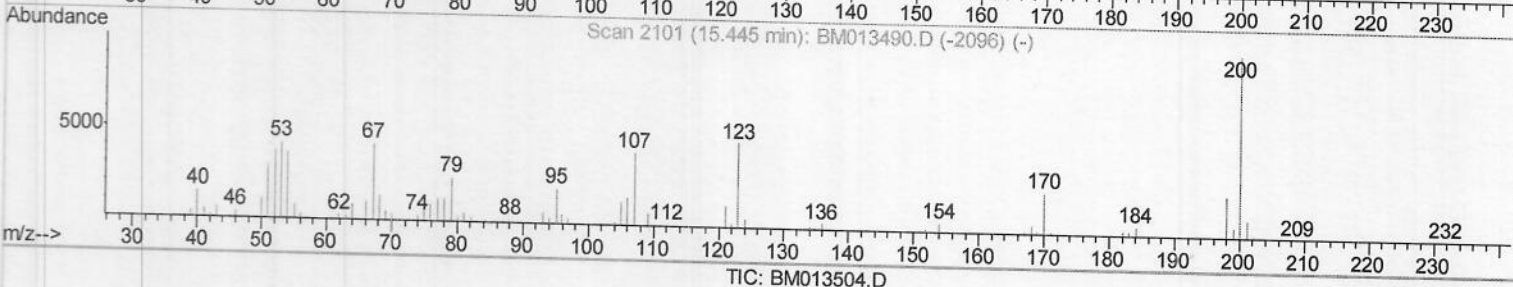
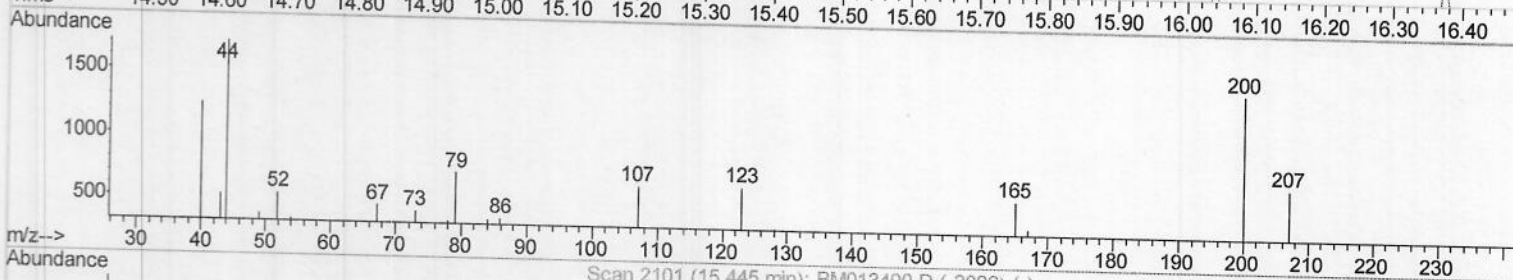
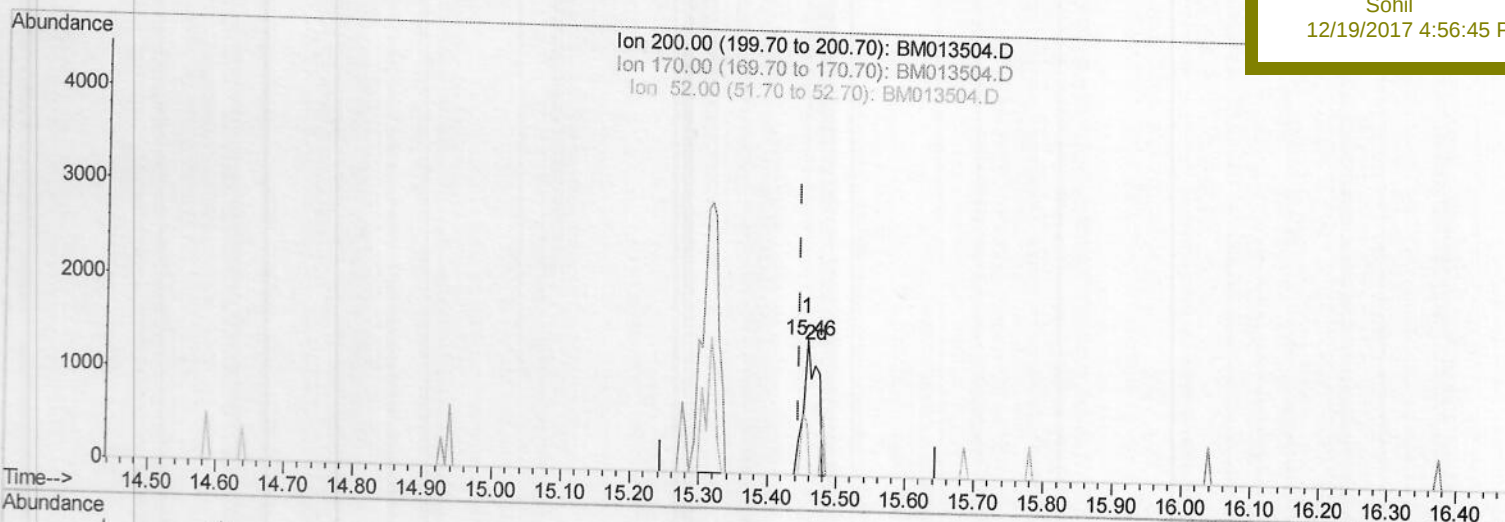
F9A56MEDL

Manual Integrations

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(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.457min (+0.012) 0.31ng/ul m > 5312127117

response 2024

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	0.00#
52.00	49.50	36.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

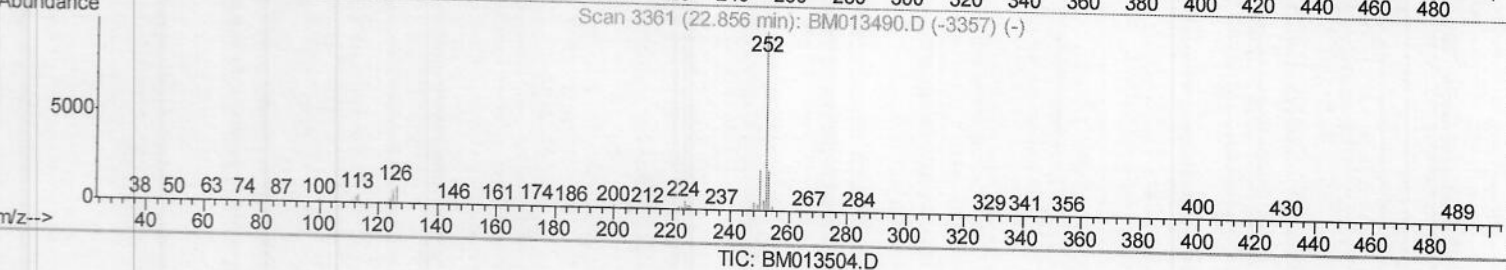
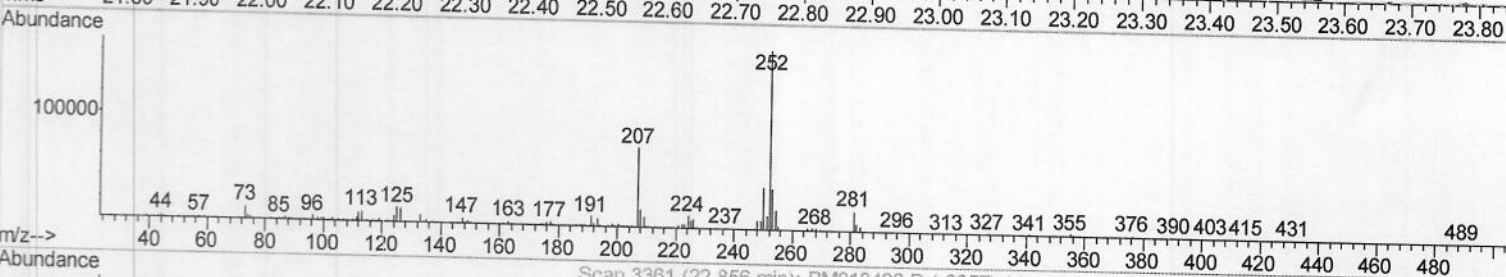
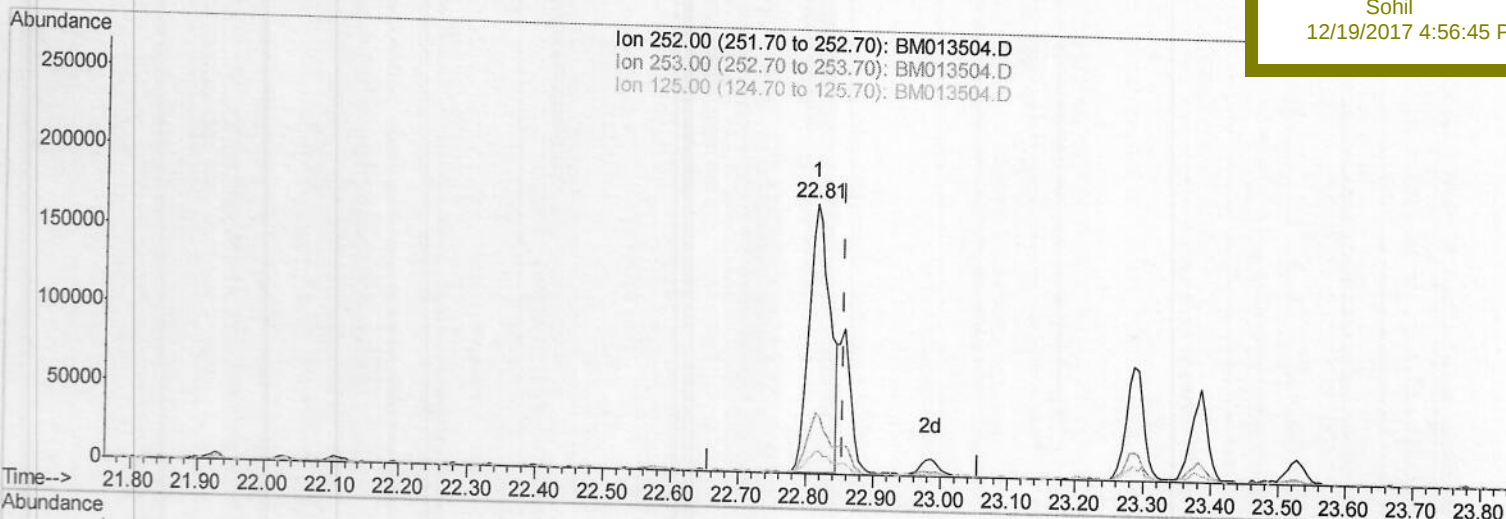
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 19 03:16:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

Manual Integrations
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(86) Benzo(k)fluoranthene
 22.815min (-0.041) 7.36ng/ul
 response 374182

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.66
125.00	4.30	8.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

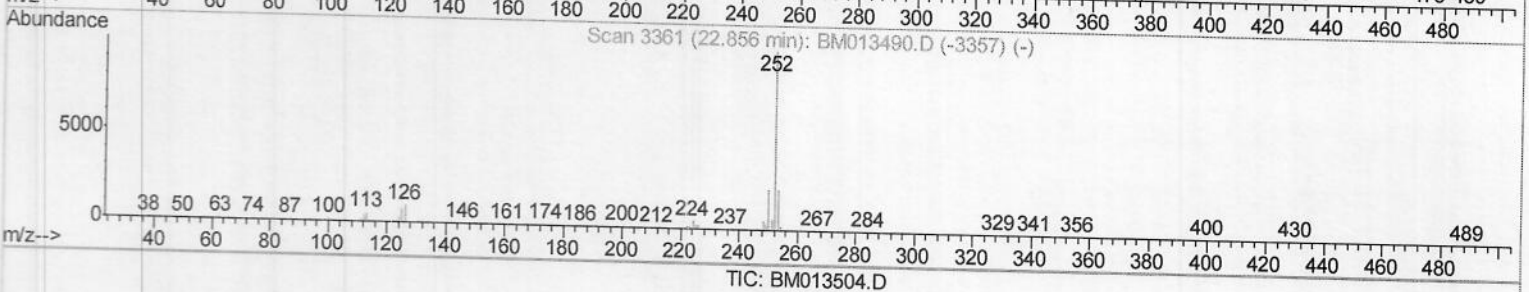
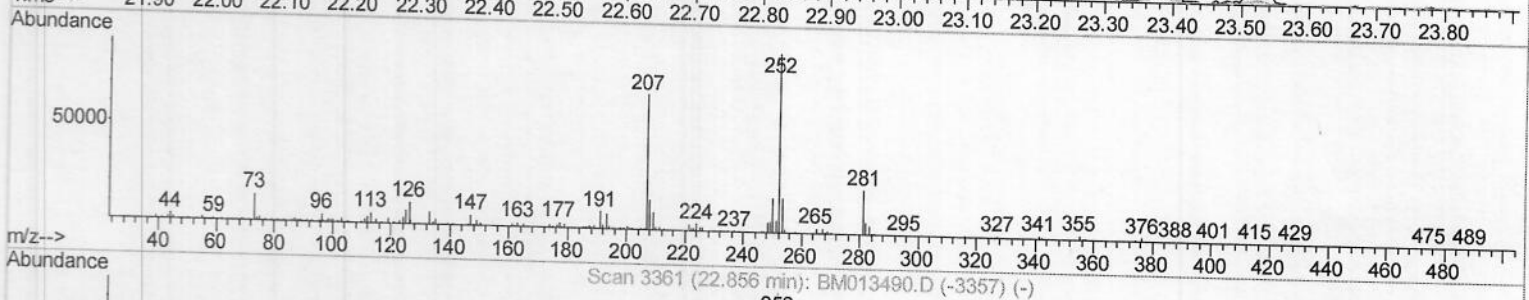
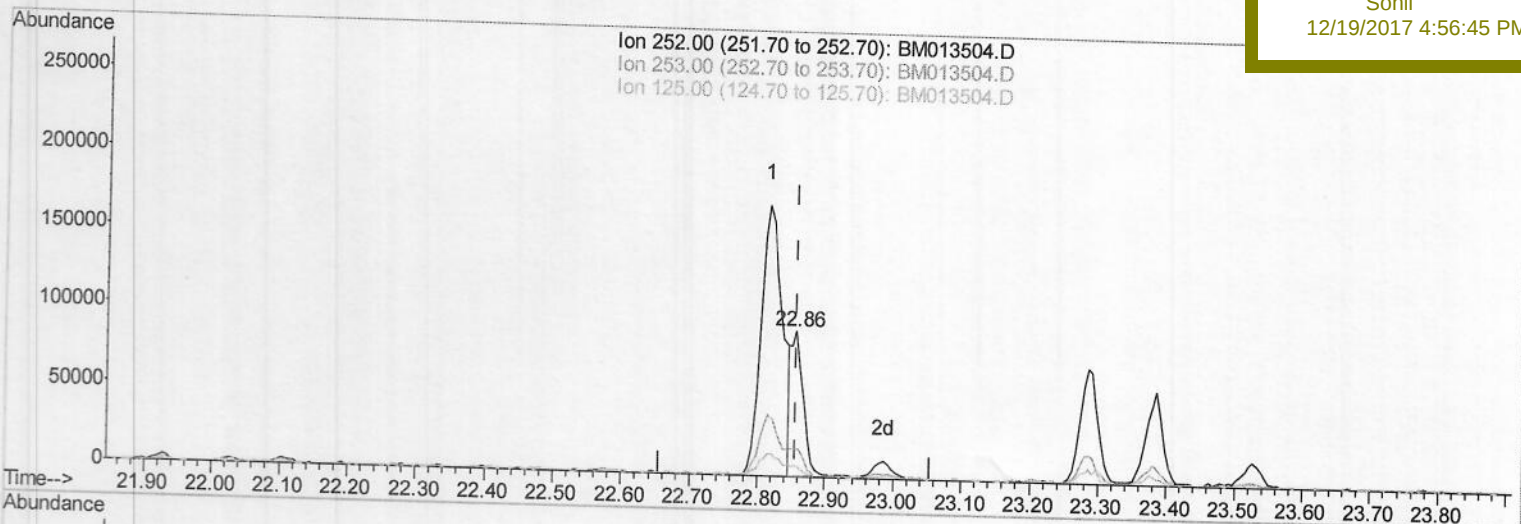
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A56MEDL

Quant Time: Dec 19 03:16:39 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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(86) Benzo(k)fluoranthene

22.856min (-0.000) 2.27ng/ul m *2 SJ 12/27/17*

response 115304

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	19.78
125.00	4.30	8.06#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
 Data File : BM013504.D
 Acq On : 18 Dec 2017 18:24
 Operator : SJ/JU
 Sample : I6776-04MEDL 30X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sampled :
 F9A56MEDL

Manual Integrations
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 12/19/2017 4:56:45 PM

Quant Time: Dec 19 03:17:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 19 00:41:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	181499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	802656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	474990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1045646	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	931074	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	801169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	742	0.20	ng/uL	0.00
5) Phenol-d5	6.86	99	15922m)	1.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	9382	1.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	11112	0.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	11608m)	0.87	ng/ul	0.02
19) Nitrobenzene-d5	8.84	128	7002	1.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	5954	0.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	12400m)	0.88	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	11415m)	0.88	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	44194	1.05	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	56341	1.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	2730m)	0.37	ng/ul	0.04
57) Fluorene-d10	15.32	176	41976	1.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	2024m)	0.31	ng/ul	0.01
70) Anthracene-d10	17.16	188	64136	1.22	ng/ul	0.00
76) Pyrene-d10	19.46	212	69416	1.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	48357	1.18	ng/ul	0.00
Target Compounds						
74) Fluoranthene	19.13	202	2827010	38.833	ng/ul#	93
77) Pyrene	19.50	202	3417689	60.420	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	537222	9.094	ng/ul	99
82) Chrysene	21.29	228	616823	11.255	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	374182	6.928	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	115304m)	2.269	ng/ul	
88) Benzo(a)pyrene	23.39	252	95385	1.966	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.71	276	55128	1.145	ng/ul	92
91) Benzo(a,h,i)perylene	26.40	276	39832	1.049	ng/ul#	86

SJ 12/27/17

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121817\
Data File : BM013504.D
Acq On : 18 Dec 2017 18:24
Operator : SJ/JU
Sample : I6776-04MEDL 30X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Instrument :
BNA_M
Client Sampled :
F9A56MEDL

Manual Integrations
APPROVED

Sohil
12/19/2017 4:56:45 PM

