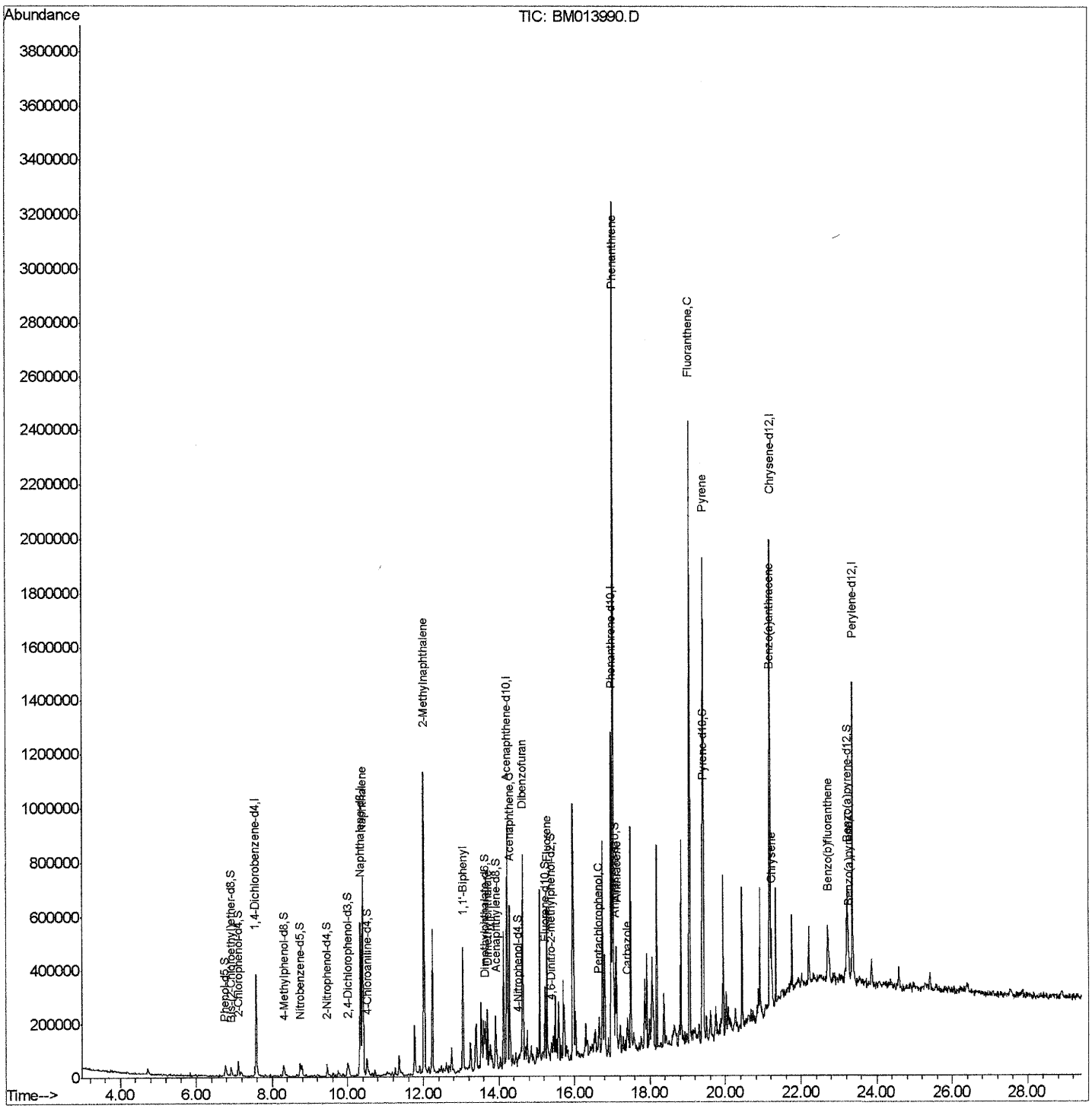
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 30 13:42:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM



Quantitation Report (Qedit)

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
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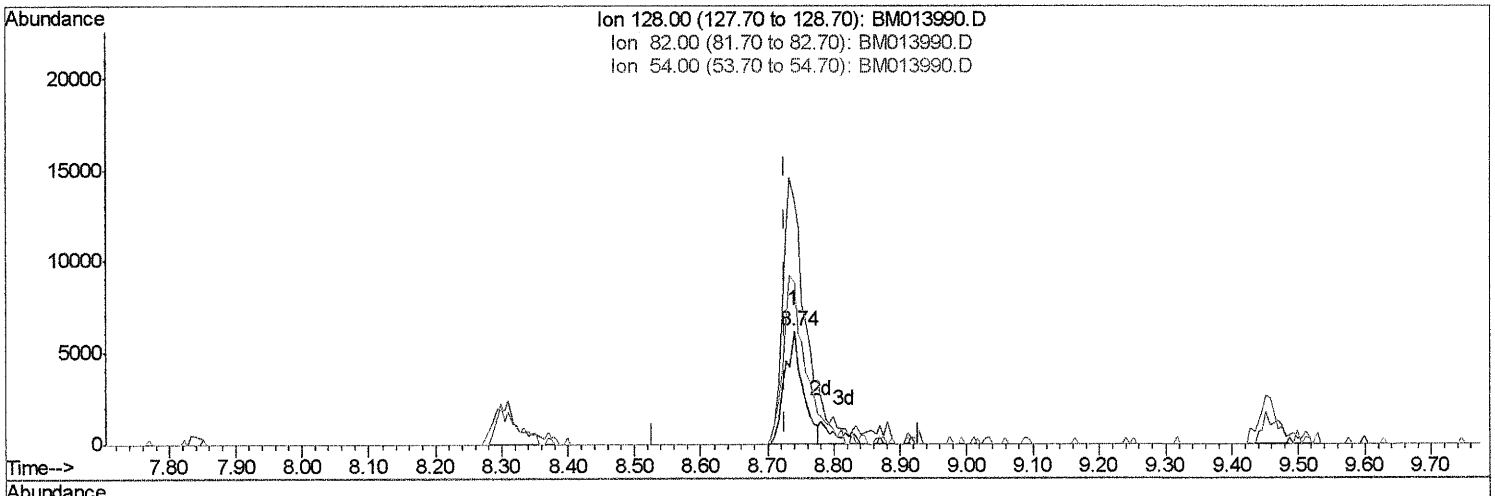

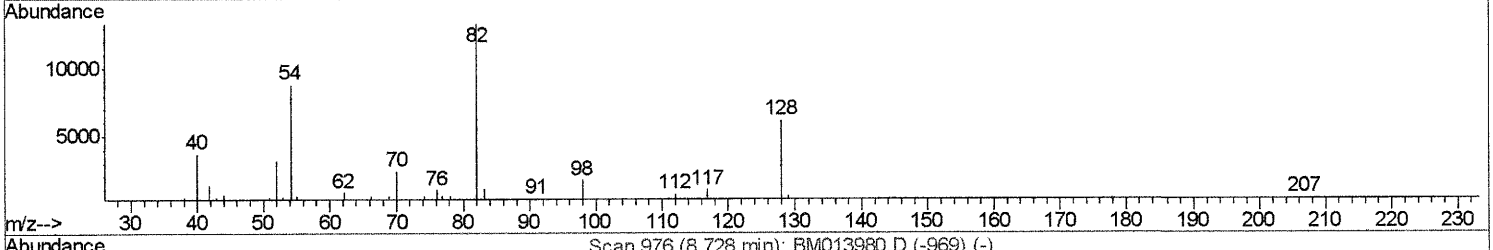

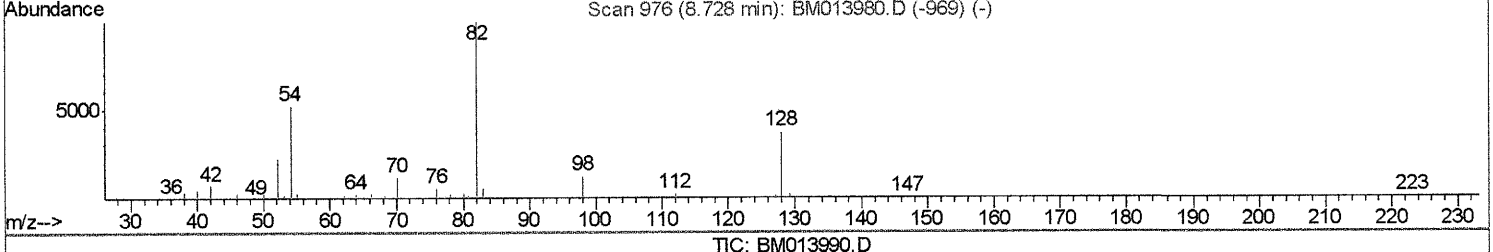

TIC: BM013990.D

(19) Nitrobenzene-d5 (S)

8.740min (+0.012) 3.64ng/ul

response 11550

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	218.22#
54.00	142.70	143.93
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
ClientSampleId :
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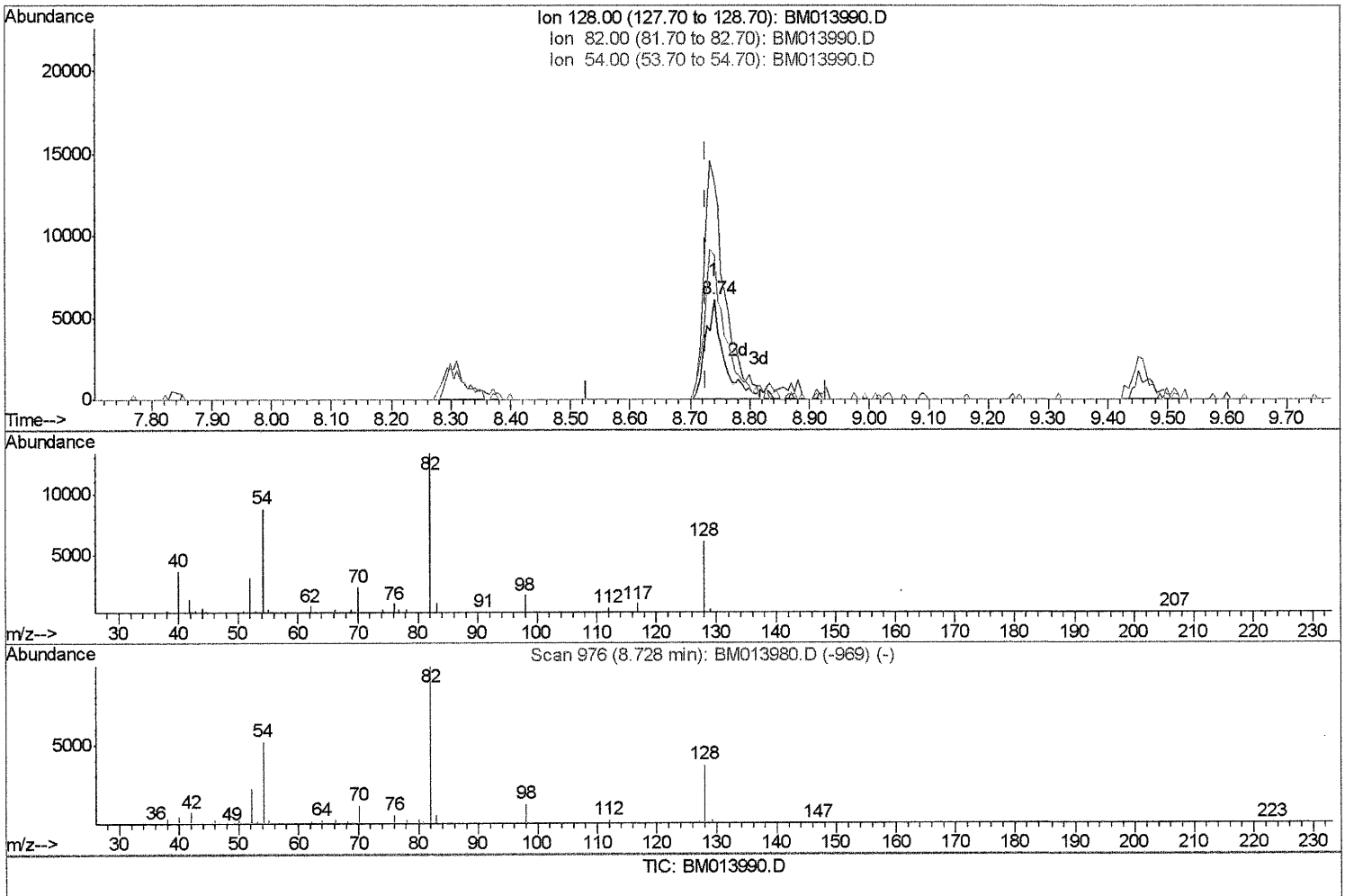
Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM



TIC: BM013990.D

(19) Nitrobenzene-d5 (S)

8.740min (+0.012) 4.15ng/ul m > SJ 2/8/18

response 13164

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	218.22#
54.00	142.70	143.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

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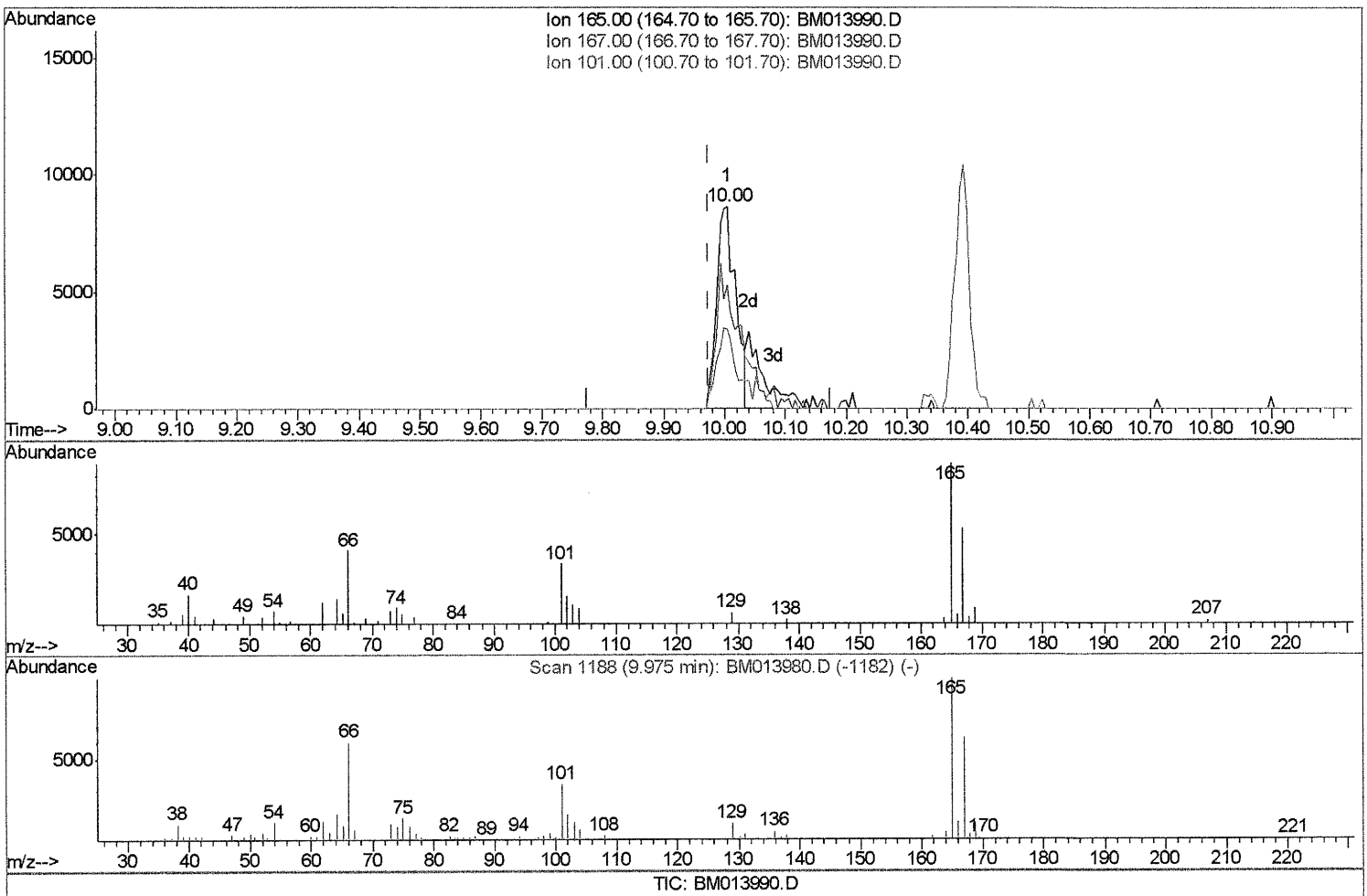
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM



TIC: BM013990.D

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

10.004min (+0.030) 2.91ng/ul

response 18864

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.27
101.00	29.30	39.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012918\
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BNA_M
ClientSampleId :
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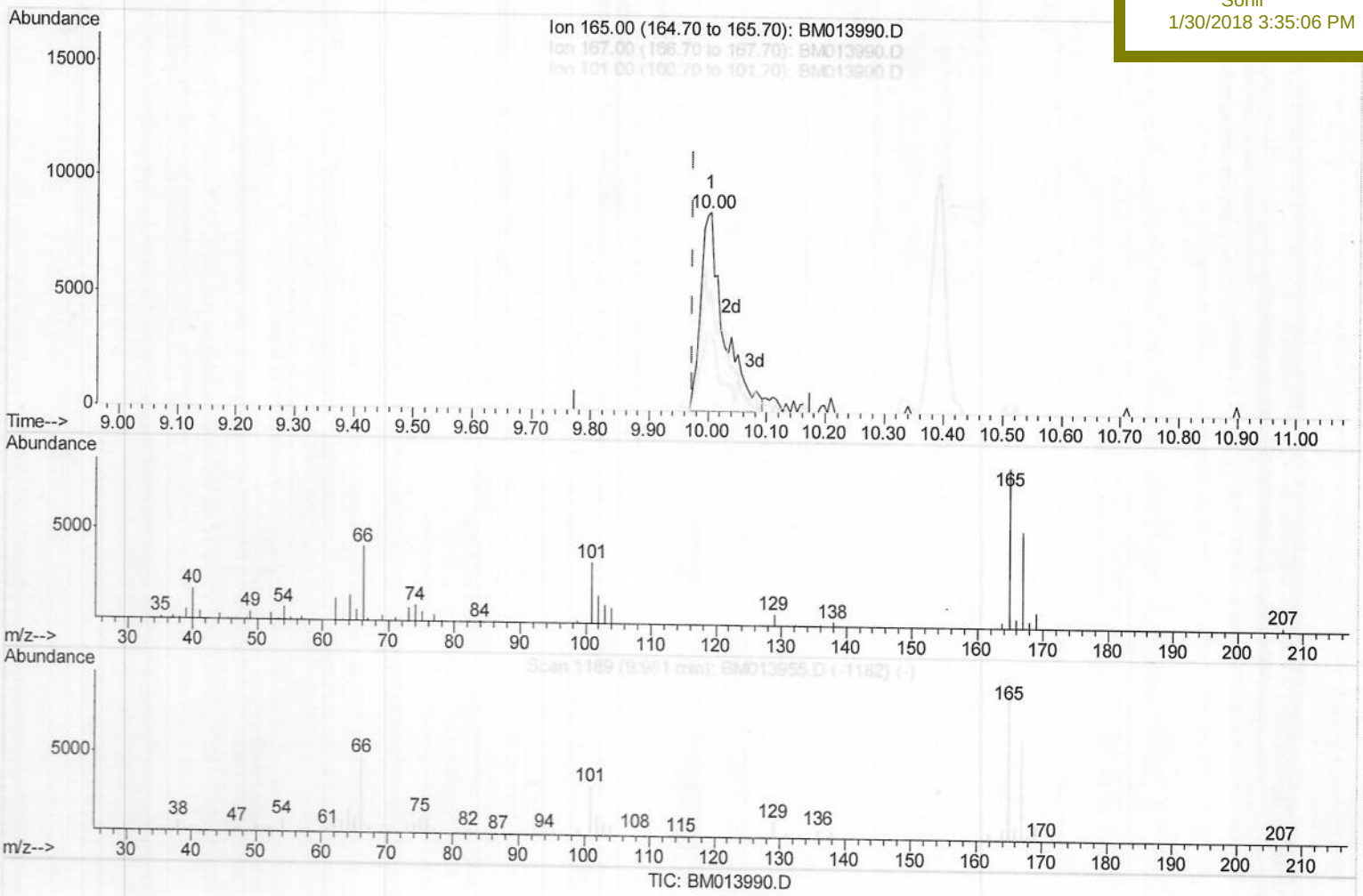
Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM



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

10.004min (+0.030) 3.71ng/ul m > J4 2/8/18

response 24074

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	61.27
101.00	29.30	39.67#
0.00	0.00	0.00

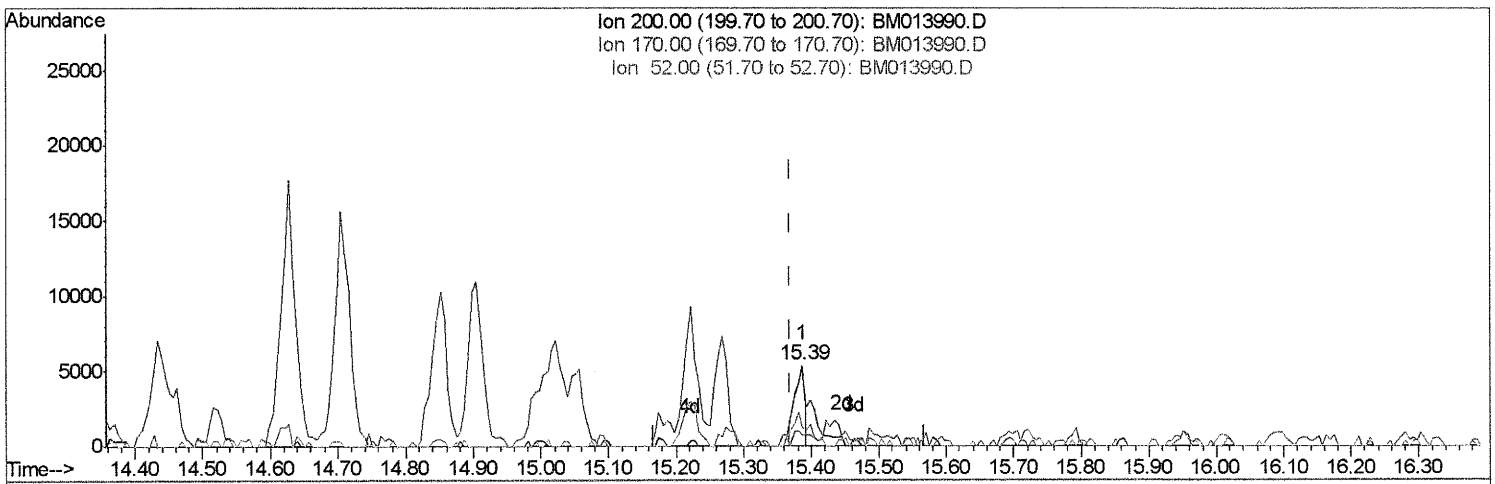
Quantitation Report (Qedit)

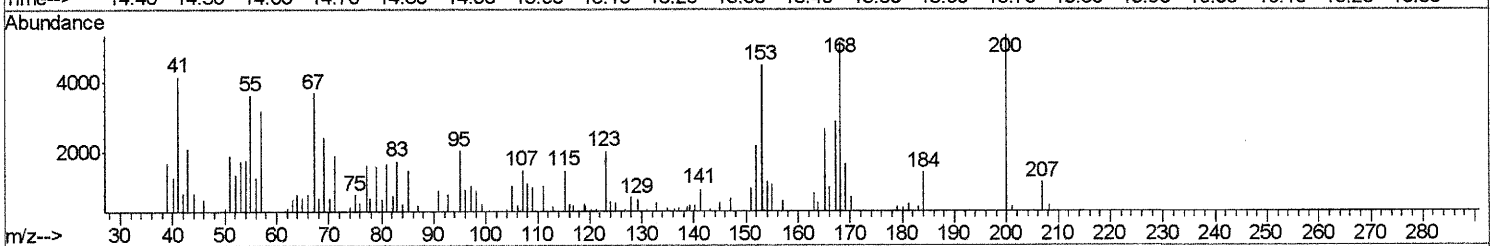
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

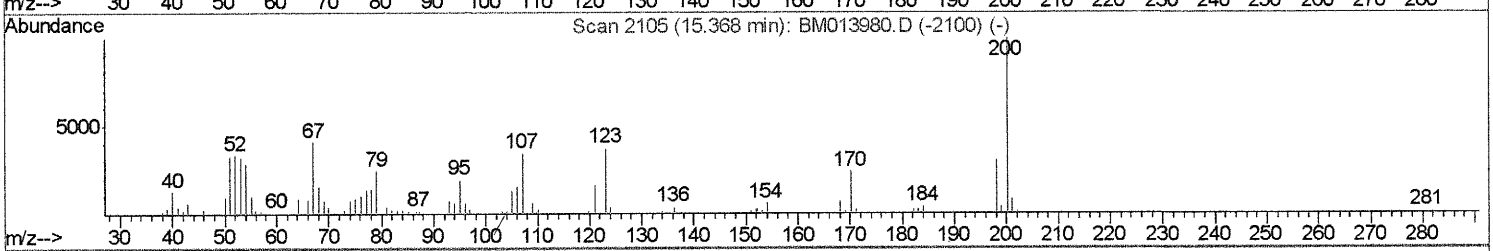
Quant Time: Jan 30 12:09:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM







TIC: BM013990.D

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

15.386min (+0.018) 1.60ng/ul

response 6294

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	13.76#
52.00	49.50	24.96#
0.00	0.00	0.00

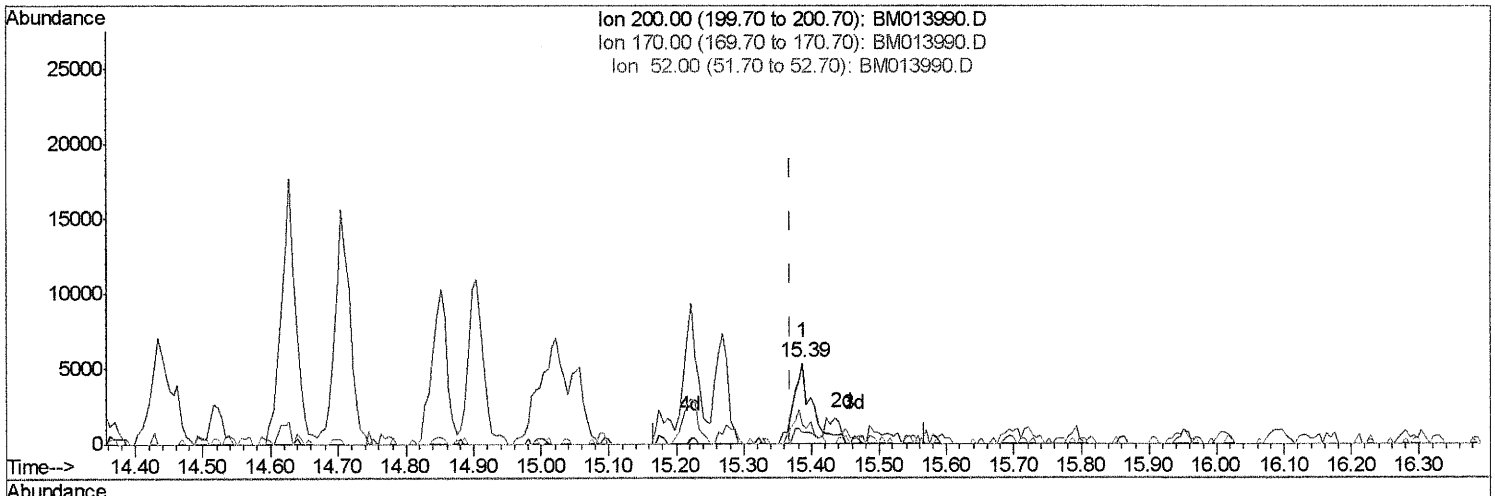
Quantitation Report (Qedit)

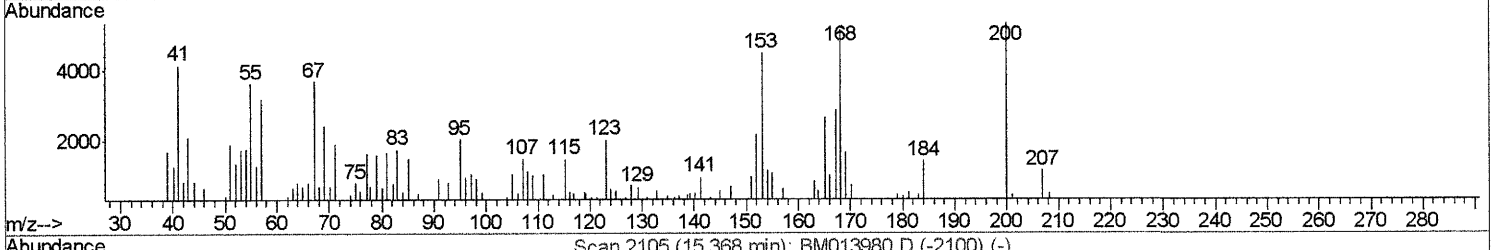
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

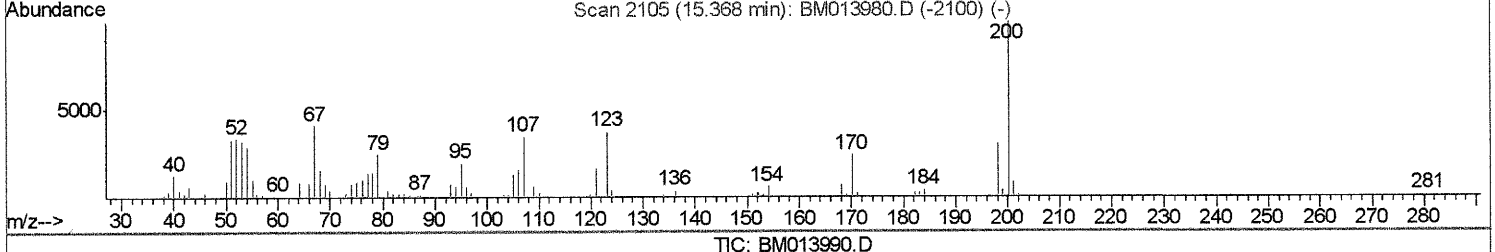
Quant Time: Jan 30 12:09:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM







TIC: BM013990.D

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

15.386min (+0.018) 2.54ng/ul m SJ 2/8/18

response 10000

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	13.76#
52.00	49.50	24.96#
0.00	0.00	0.00

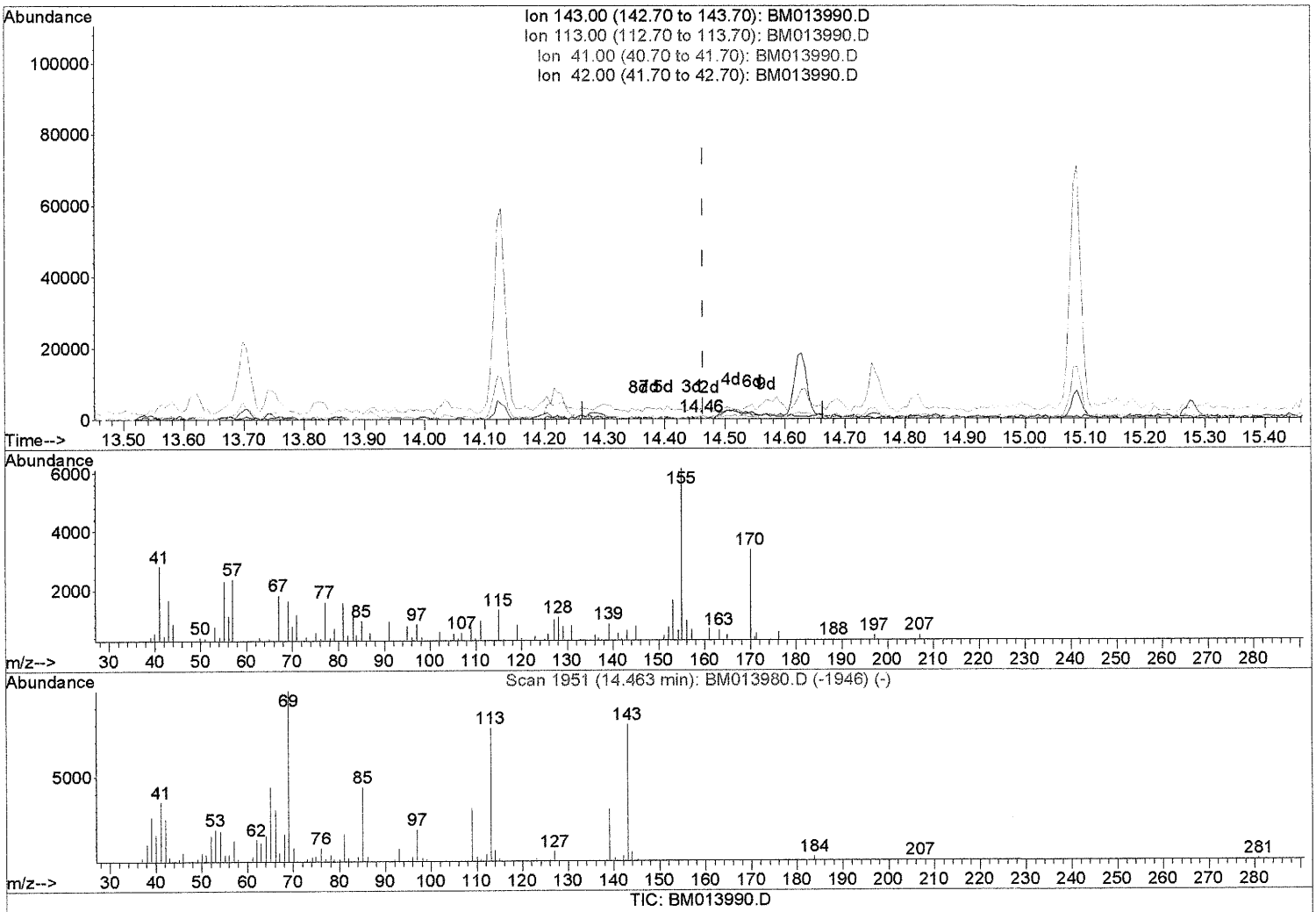
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 30 12:29:36 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM



TIC: BM013990.D

(51) 4-Nitrophenol-d4 (S)

14.457min (-0.006) 0.06ng/ul

response 222

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	443.56#
42.00	20.50	74.72#

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM012918\
Data File : BM013990.D
Acq On : 30 Jan 2018 10:27
Operator : SJ/JU
Sample : J1233-13DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Jan 30 12:29:36 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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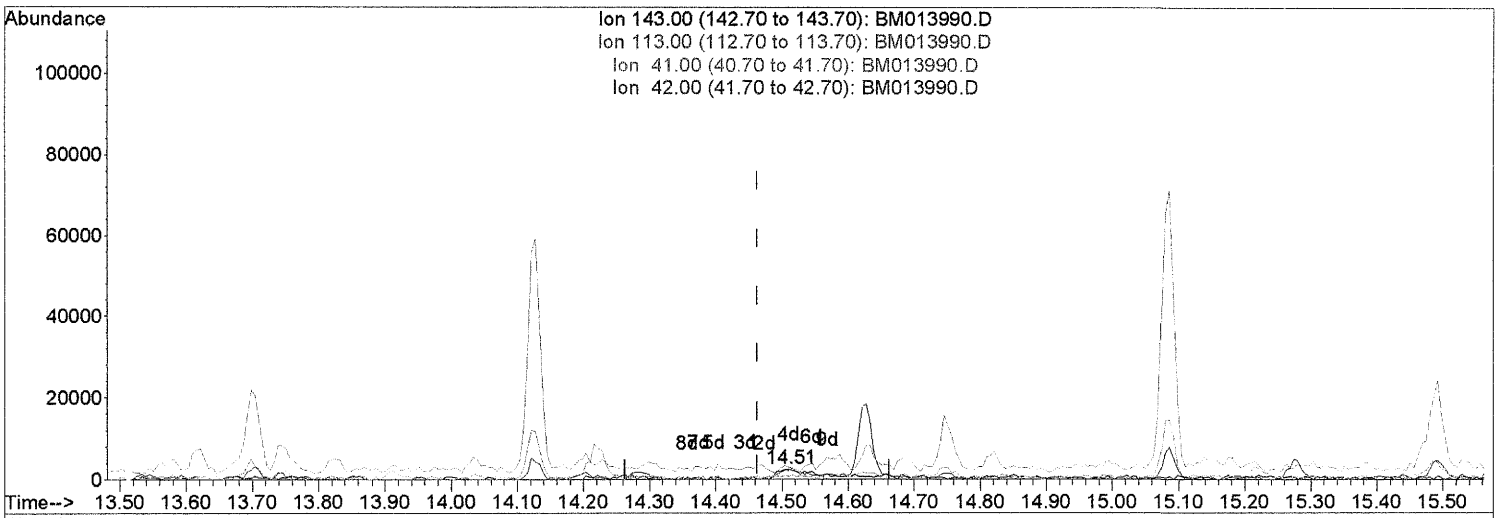
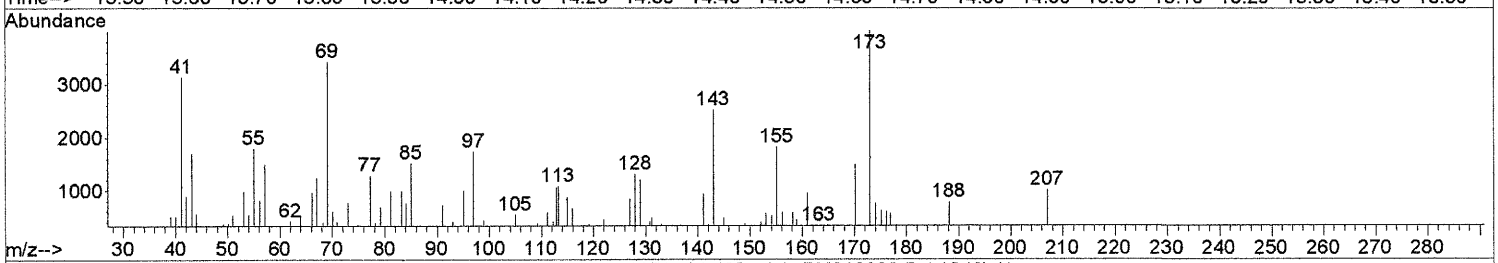
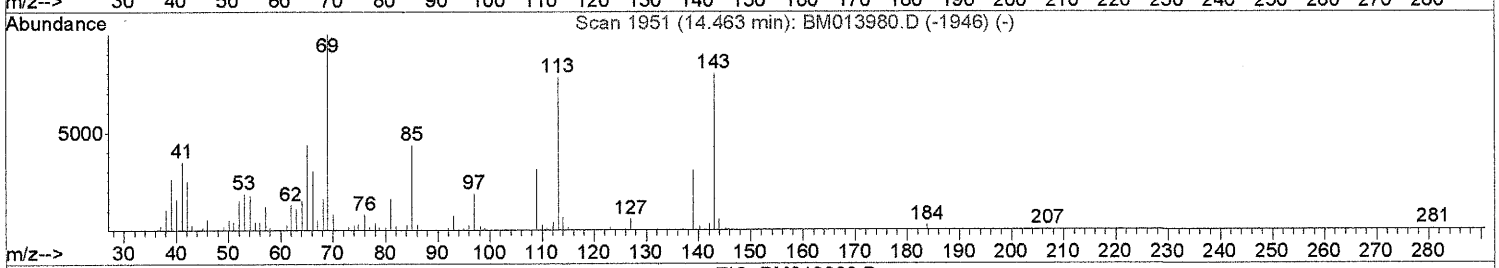
Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM







TIC: BM013990.D

(51) 4-Nitrophenol-d4 (S)

14.510min (+0.047) 2.34ng/ul m) SJ 2/8/18

response 8096

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	42.62#
41.00	34.80	124.21#
42.00	20.50	35.31#

Quantitation Report (LSC Reviewed)

Instrument :
BNA_M
ClientSampleId :
F6B17DL

Manual Integrations APPROVED
Sohil
1/30/2018 3:35:06 PM

Data Path : Z:\HPCHEM1\BNA M\Data\BM012918\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	7.57	152	101689	20.00	ng/ul	0.00	
18) Naphthalene-d8	10.34	136	409160	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.22	164	258254	20.00	ng/ul	0.00	
61) Phenanthrene-d10	16.97	188	652920	20.00	ng/ul	0.00	
75) Chrysene-d12	21.18	240	793767	20.00	ng/ul	0.00	
83) Perylene-d12	23.36	264	808606	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.13	96	1320	0.51	ng/uL	0.00	
5) Phenol-d5	6.77	99	28232	3.62	ng/ul	0.01	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	16587	3.51	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.11	132	24733	3.89	ng/ul	0.00	
13) 4-Methylphenol-d8	8.30	113	17878	2.98	ng/ul	0.01	SJ 2/6/18
19) Nitrobenzene-d5	8.74	128	13164m	4.15	ng/ul	0.01	
22) 2-Nitrophenol-d4	9.45	143	13407	4.00	ng/ul	0.01	
26) 2,4-Dichlorophenol-d3	10.00	165	24074m	3.71	ng/ul	0.03	
29) 4-Chloroaniline-d4	10.52	131	20427	3.63	ng/ul	0.02	
43) Dimethylphthalate-d6	13.65	166	101887	4.79	ng/ul	0.00	
46) Acenaphthylene-d8	13.92	160	123772	4.56	ng/ul	0.00	
51) 4-Nitrophenol-d4	14.51	143	8096m	2.34	ng/ul	0.05	SJ 2/6/18
57) Fluorene-d10	15.22	176	96516	5.16	ng/ul	0.00	
62) 4,6-Dinitro-2-methylphenol	15.39	200	10000m	2.54	ng/ul	0.02	
70) Anthracene-d10	17.07	188	151392	4.76	ng/ul	0.00	
76) Pyrene-d10	19.38	212	191220	5.17	ng/ul	0.00	
87) Benzo(a)pyrene-d12	23.22	264	189948	5.11	ng/ul	0.00	
Target Compounds						Qvalue	
28) Naphthalene	10.39	128	545639	26.805	ng/ul	98	
34) 2-Methylnaphthalene	12.01	142	493943	32.547	ng/ul	94	
40) 1,1'-Biphenyl	13.05	154	90911	4.229	ng/ul#	97	
44) Dimethylphthalate	13.69	163	30041	1.435	ng/ul#	95	
49) Acenaphthene	14.29	153	227054	13.201	ng/ul	96	
53) Dibenzofuran	14.63	168	393507	15.208	ng/ul	94	
58) Fluorene	15.28	166	225559	10.642	ng/ul	97	
68) Pentachlorophenol	16.64	266	19204	4.354	ng/ul	97	
69) Phenanthrene	17.02	178	1782788	49.122	ng/ul	99	
71) Anthracene	17.11	178	235116	6.281	ng/ul	97	
72) Carbazole	17.40	167	33929	1.098	ng/ul#	87	
74) Fluoranthene	19.04	202	1363409	31.471	ng/ul#	96	
77) Pyrene	19.41	202	856674	17.753	ng/ul#	97	
80) Benzo(a)anthracene	21.16	228	207572	4.328	ng/ul	95	
82) Chrysene	21.22	228	160621	3.650	ng/ul	95	
85) Benzo(b)fluoranthene	22.72	252	116605	2.348	ng/ul#	95	
88) Benzo(a)pyrene	23.27	252	54792	1.168	ng/ul#	92	

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