

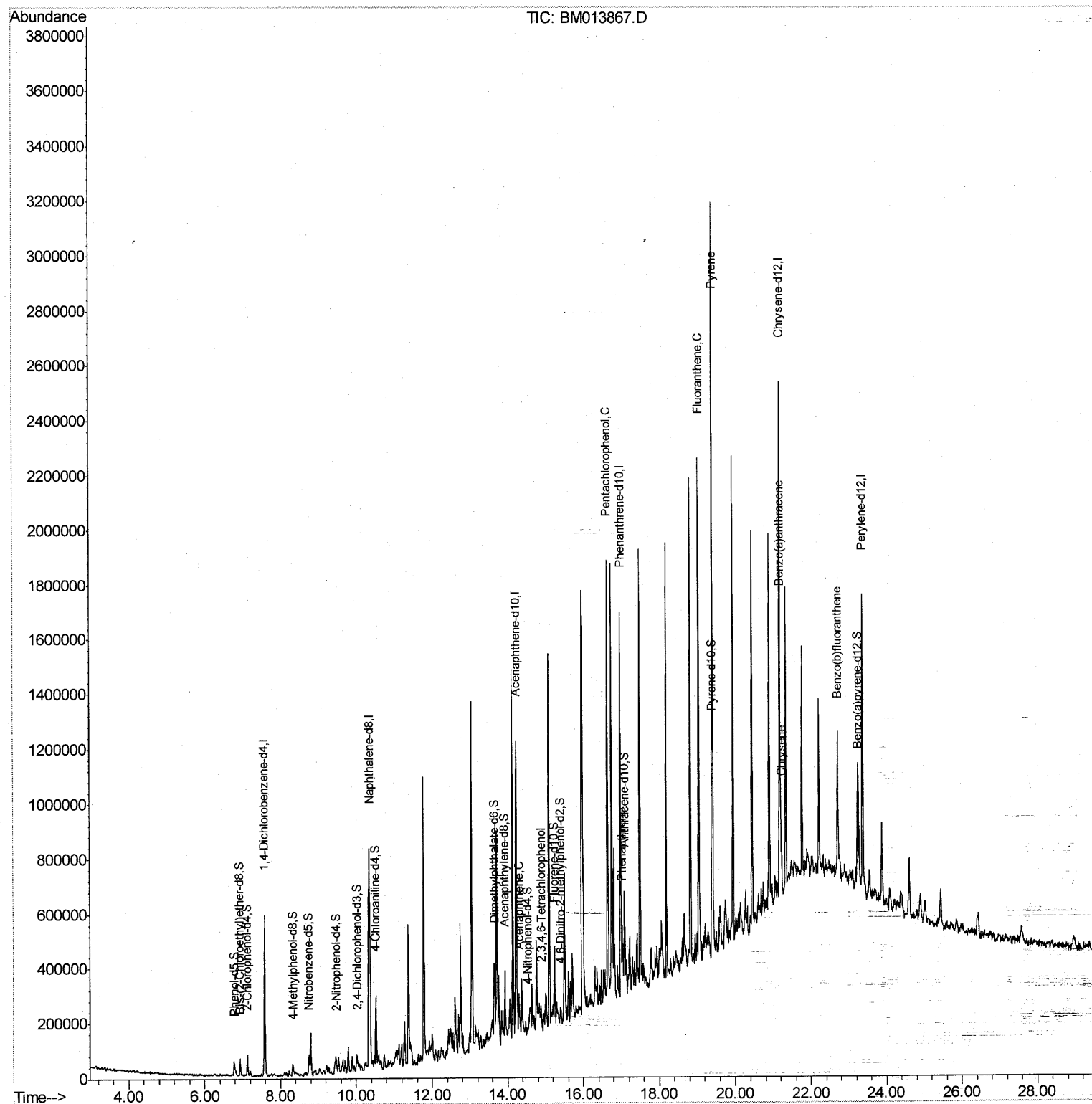
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013867.D
Acq On : 27 Jan 2018 04:59
Operator : SJ/JU
Sample : J1222-14DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A96DL

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:52:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration



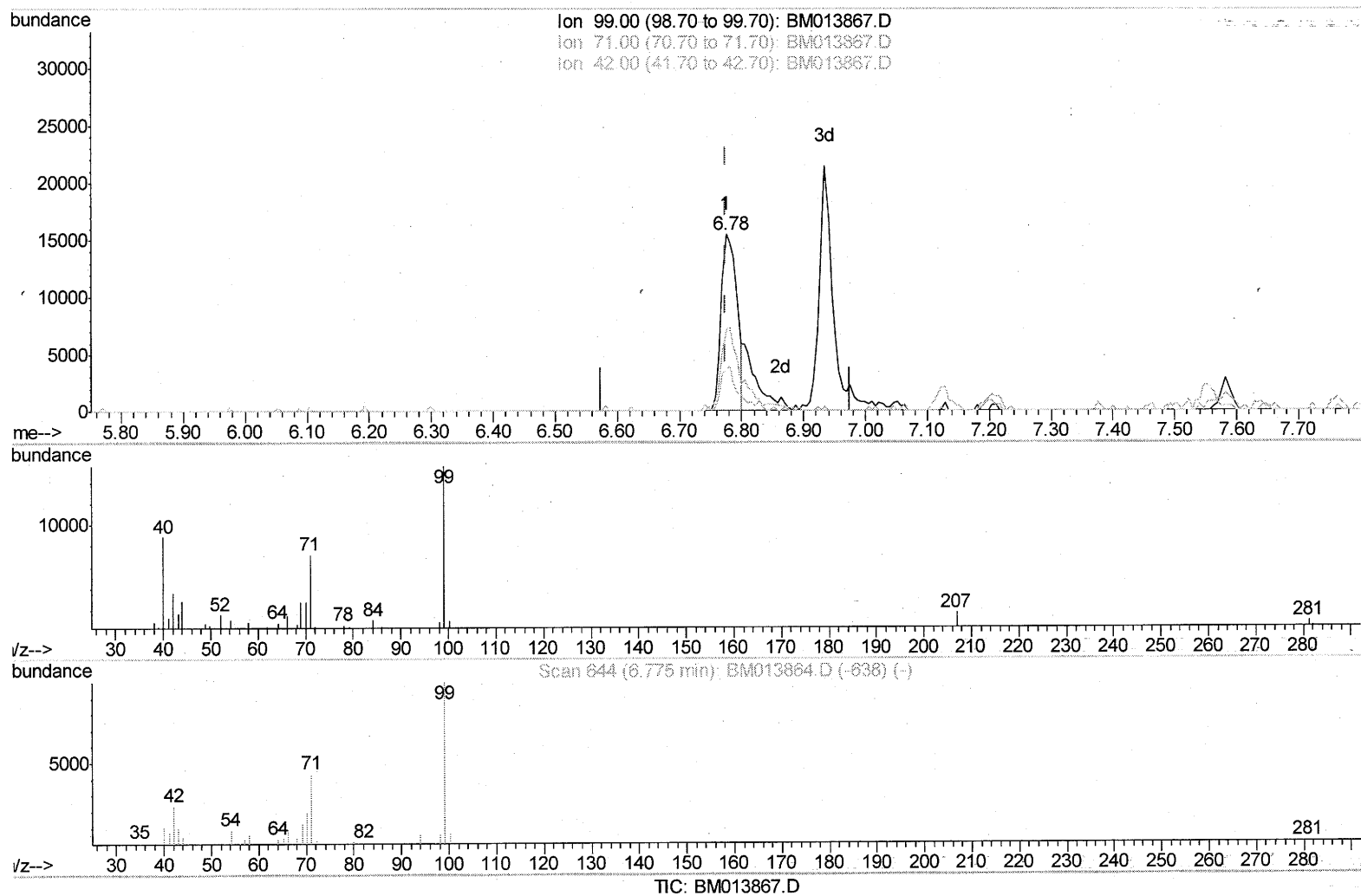
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013867.D
Acq On : 27 Jan 2018 04:59
Operator : SJ/JU
Sample : J1222-14DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A96DL

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:36:07 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration



(5) Phenol-d5 (S)

6.775min (+0.000) 2.27ng/ul

response 27357

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	45.99
42.00	24.20	22.90
0.00	0.00	0.00

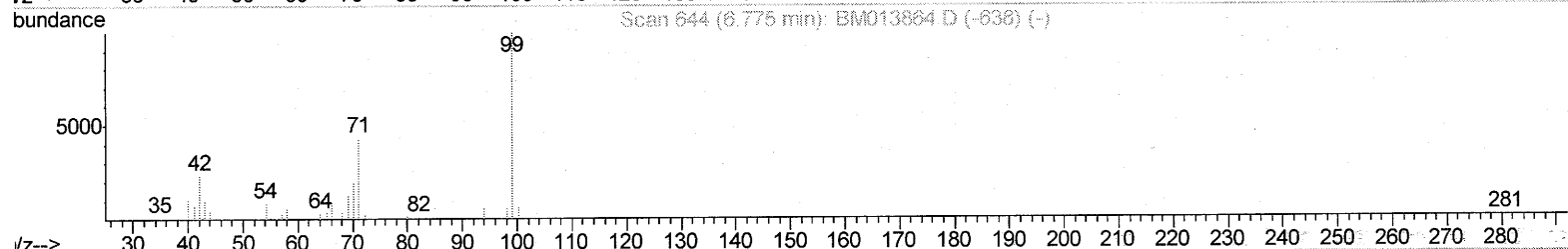
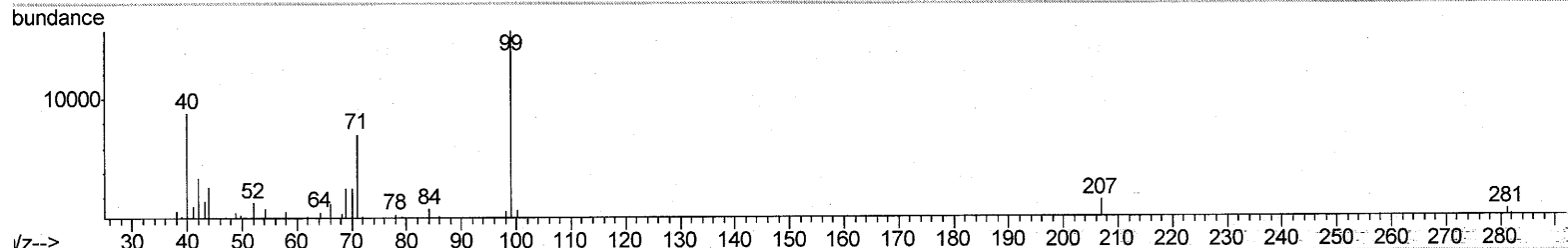
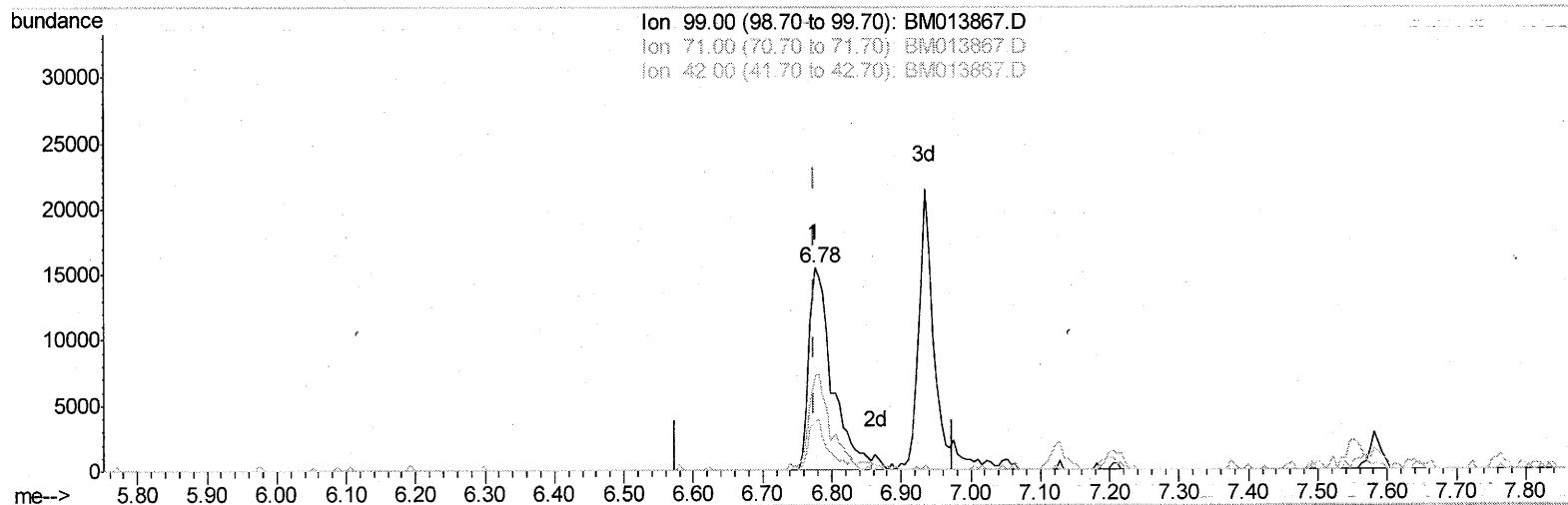
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:36:07 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



TIC: BM013867.D

(5) Phenol-d5 (S)

6.775min (+0.000) 3.00ng/ul m

response 36162

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	45.99
42.00	24.20	22.90
0.00	0.00	0.00

Handwritten signature: me-1/29/18

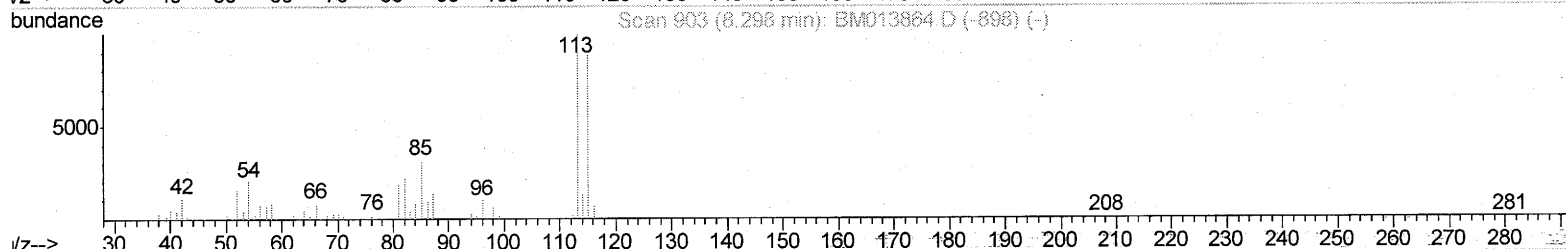
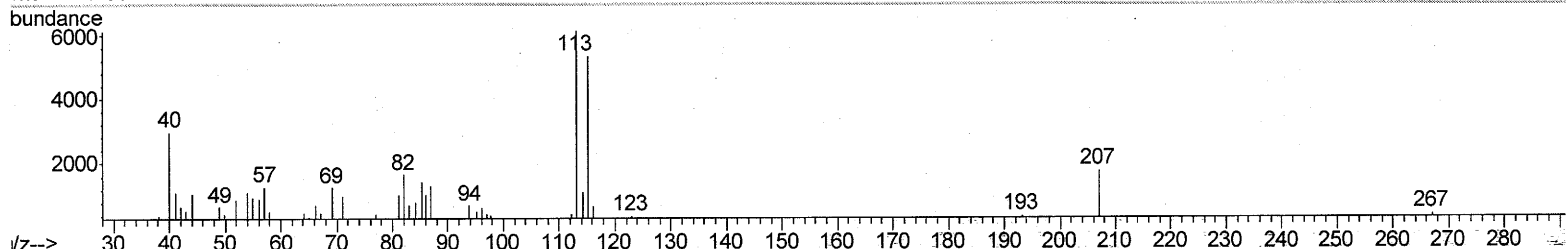
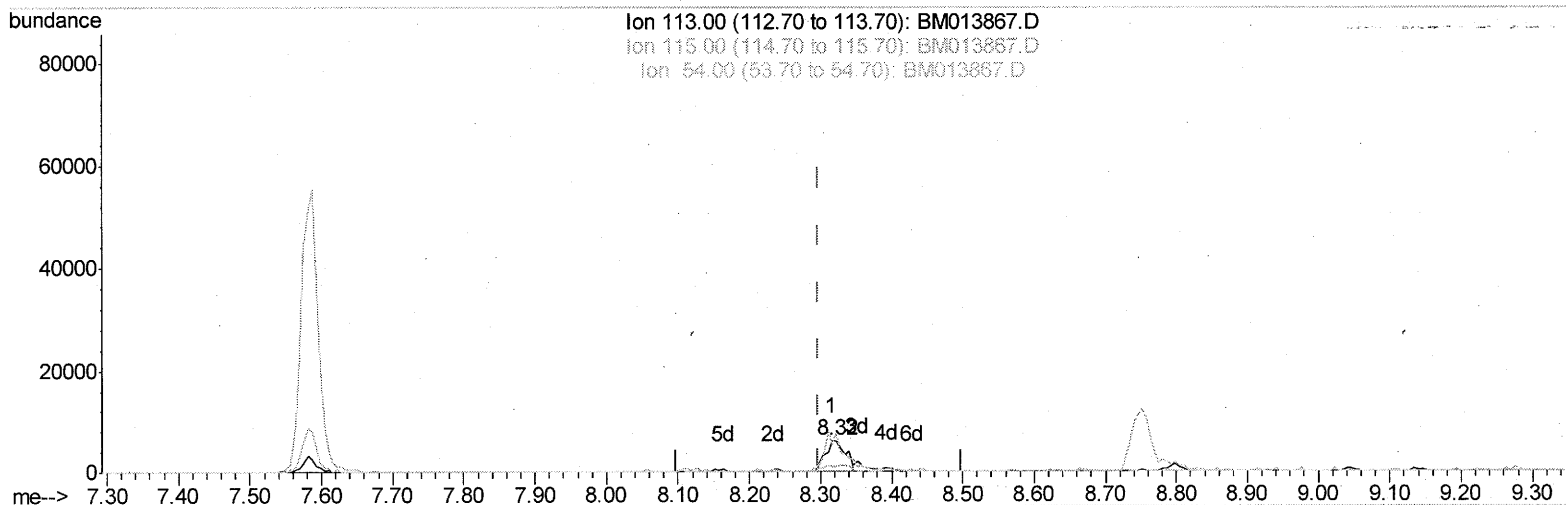
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:47:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



TIC: BM013867.D

(13) 4-Methylphenol-d8 (S)

8.316min (+0.018) 1.30ng/ul

response 12098

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	87.04
54.00	18.90	18.20
0.00	0.00	0.00

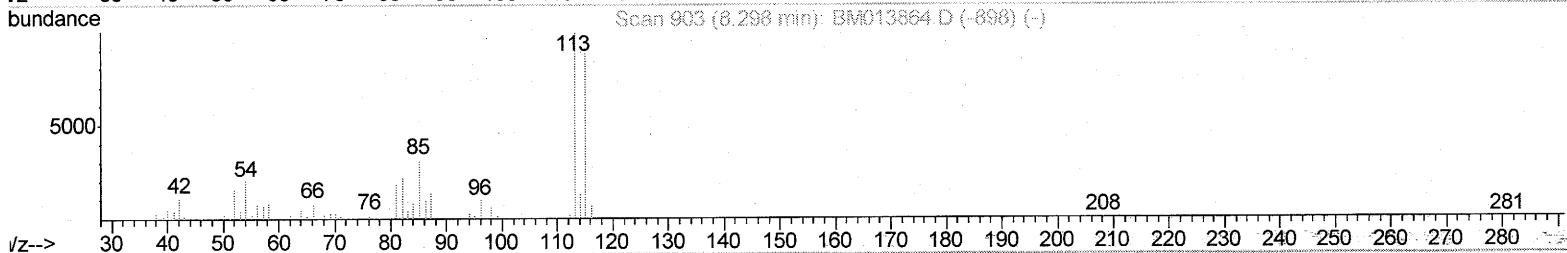
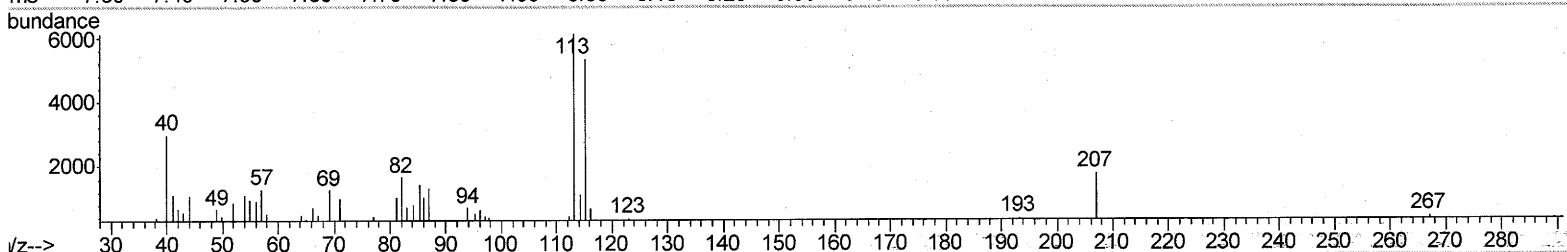
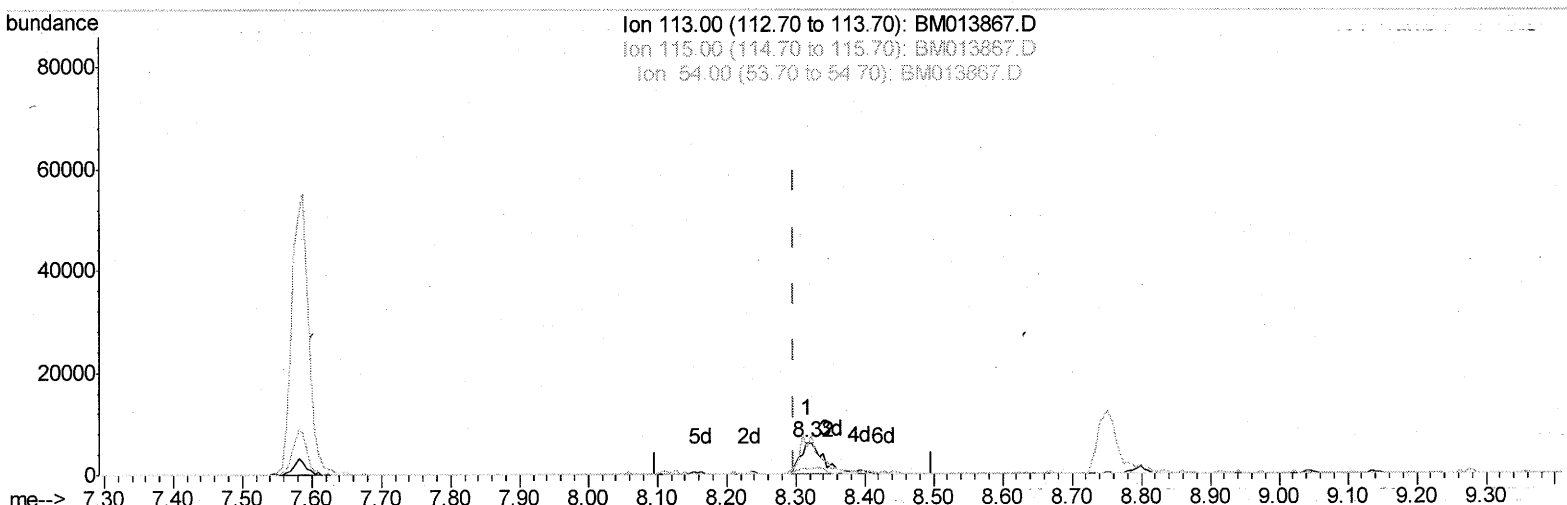
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:47:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



TIC: BM013867.D

(13) 4-Methylphenol-d8 (S)

8.316min (+0.018) 1.60ng/ul m

response 14864

Ion	Exp%	Act%
113.00	100	100
115.00	88.30	87.04
54.00	18.90	18.20
0.00	0.00	0.00

mea/29/18

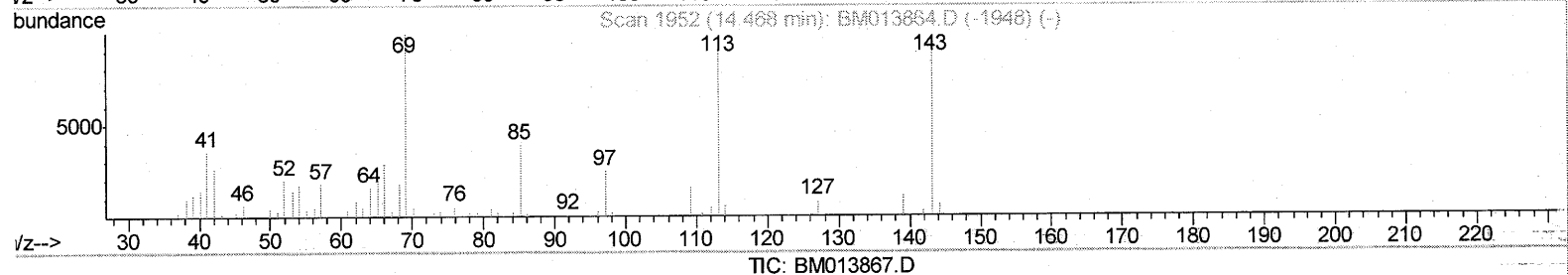
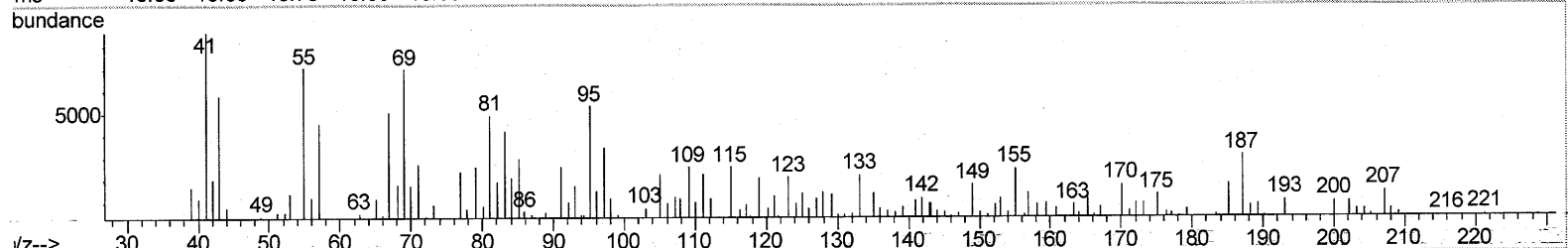
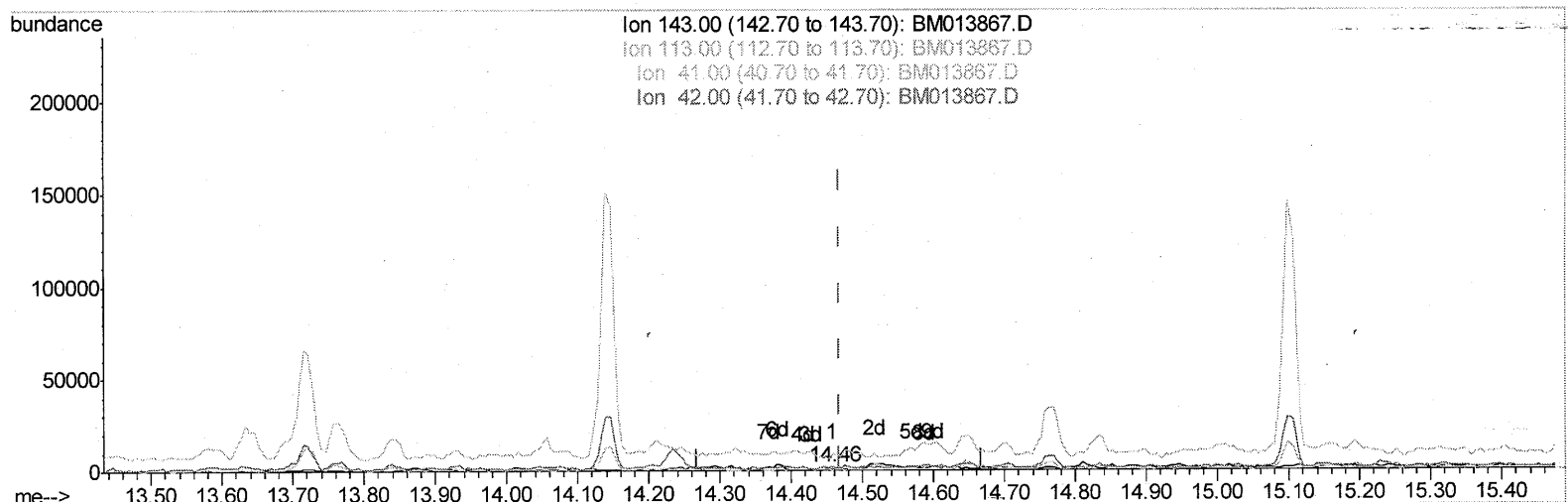
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013867.D
Acq On : 27 Jan 2018 04:59
Operator : SJ/JU
Sample : J1222-14DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A96DL

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:47:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.457min (-0.011) 0.28ng/ul

response 1283

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	0.00#
41.00	34.80	468.04#
42.00	20.50	108.00#

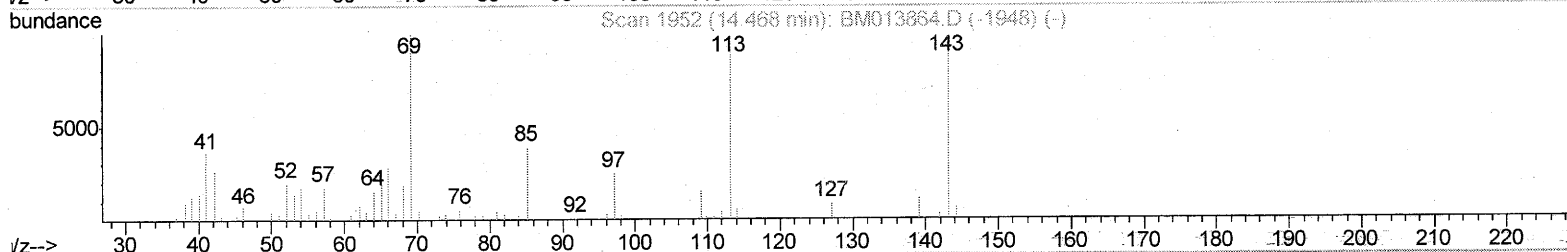
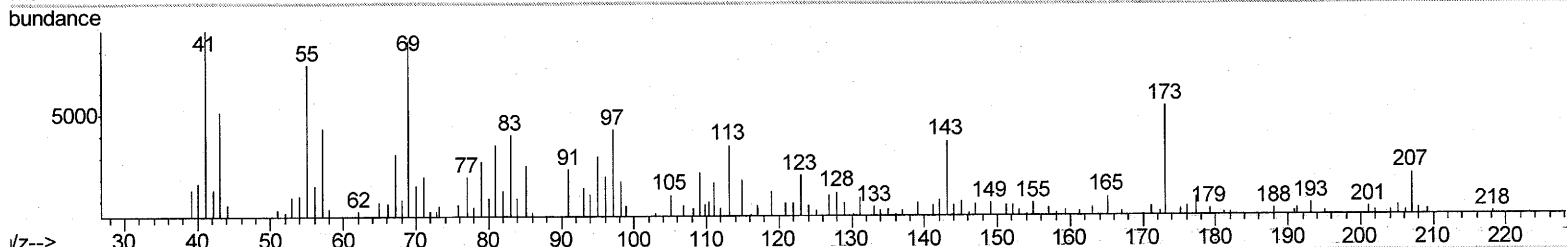
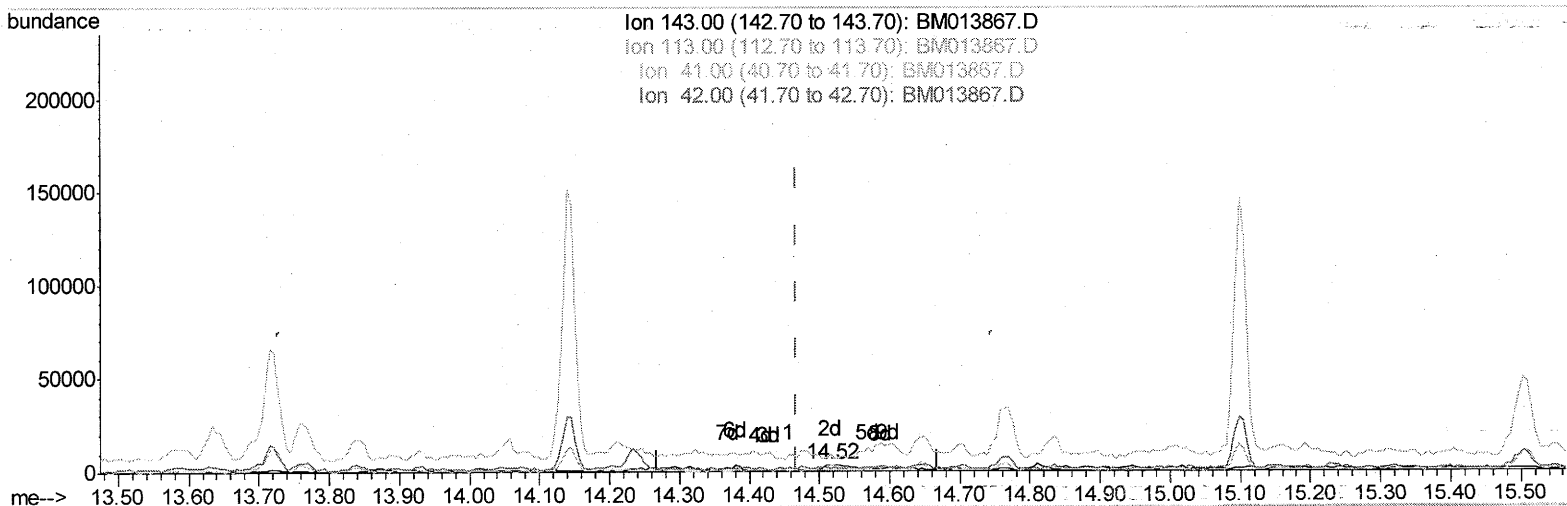
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:47:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



TIC: BM013867.D

(51) 4-Nitrophenol-d4 (S)

14.516min (+0.047) 2.12ng/ul m

response 9529

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	94.96
41.00	34.80	237.75#
42.00	20.50	40.44#

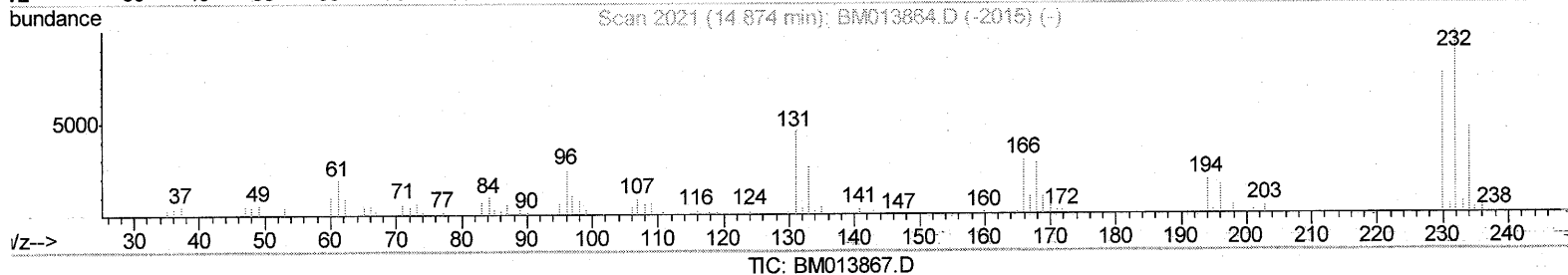
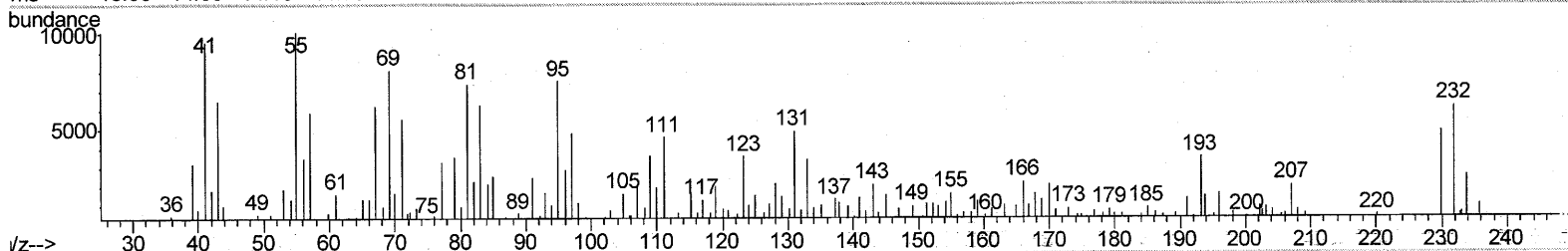
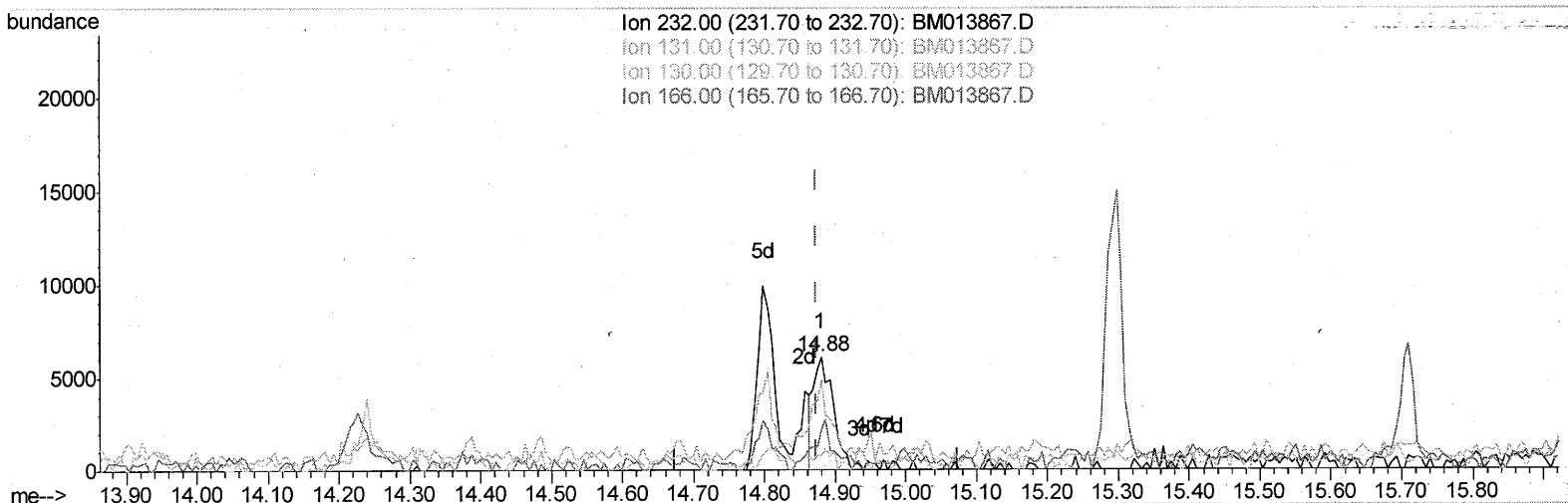
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:49:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



(55) 2,3,4,6-Tetrachlorophenol

14.881min (+0.006) 1.63ng/ul

response 11477

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	79.51#
130.00	2.50	12.47#
166.00	26.80	35.96#

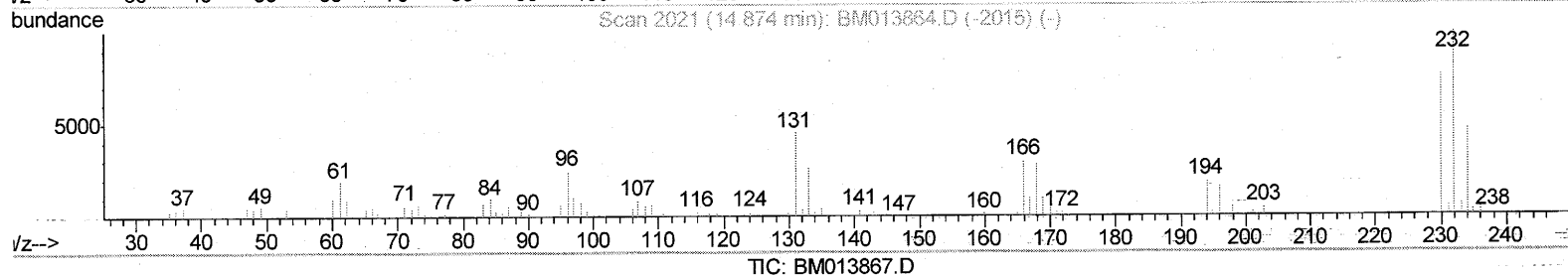
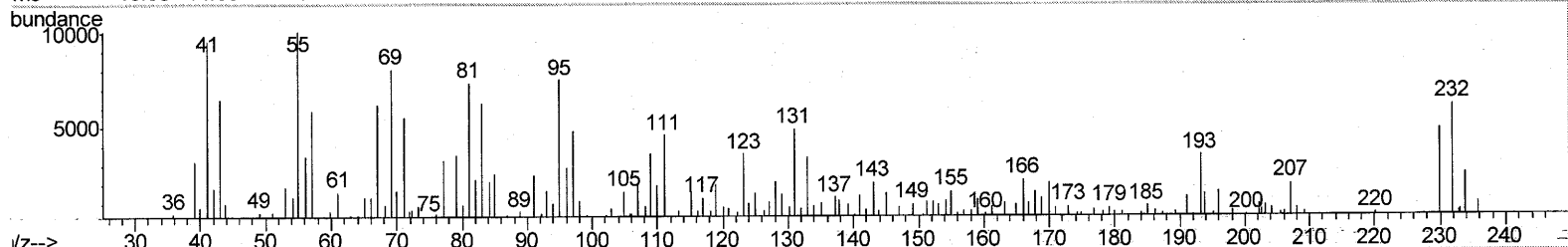
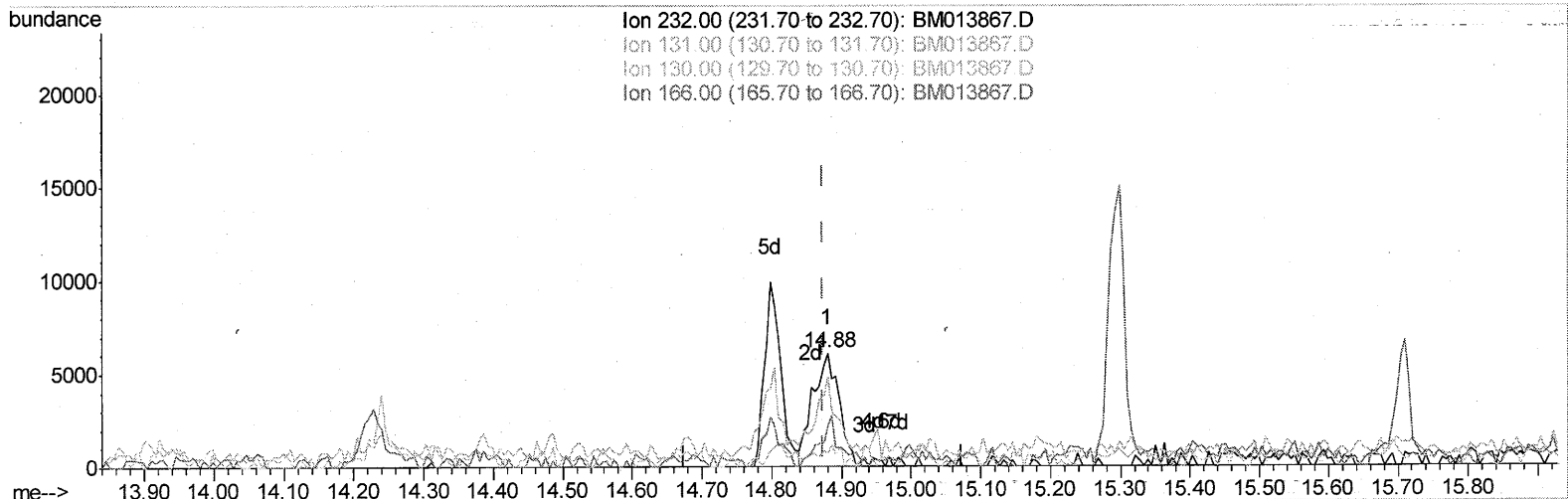
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
 Data File : BM013867.D
 Acq On : 27 Jan 2018 04:59
 Operator : SJ/JU
 Sample : J1222-14DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A96DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:49:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration



(55) 2,3,4,6-Tetrachlorophenol

14.881min (+0.006) 2.26ng/ul m

response 15936

Ion	Exp%	Act%
232.00	100	100
131.00	36.20	79.51#
130.00	2.50	12.47#
166.00	26.80	35.96#

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012618\
Data File : BM013867.D
Acq On : 27 Jan 2018 04:59
Operator : SJ/JU
Sample : J1222-14DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F6A96DL

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:09 PM

Quant Time: Jan 27 05:52:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	157281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	588092	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	336173	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	745053	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	789400	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	808930	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2817	0.71	ng/uL	0.00
5) Phenol-d5	6.78	99	36162m>	3.00	ng/ul	>0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	23843	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	32389	3.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	14864m>	1.60	ng/ul	>0.02
19) Nitrobenzene-d5	8.75	128	16927	3.71	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	17620	3.65	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	26336	2.83	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	29299	3.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	117939	4.26	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	139882	3.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	9529m>	2.12	ng/ul	>0.05
57) Fluorene-d10	15.24	176	102853	4.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	12341	2.75	ng/ul	0.01
70) Anthracene-d10	17.09	188	153631	4.23	ng/ul	0.00
76) Pyrene-d10	19.39	212	180323	4.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	170201	4.58	ng/ul	0.00

Target Compounds

					Ovalue	
49) Acenaphthene	14.30	153	47790	2.135	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.88	232	15936m>	2.258	ng/ul	> 98
68) Pentachlorophenol	16.65	266	266968	53.038	ng/ul	98
69) Phenanthrene	17.03	178	131781	3.182	ng/ul	98
74) Fluoranthene	19.06	202	1046376	21.166	ng/ul#	96
77) Pyrene	19.42	202	766353	15.969	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	143818	3.015	ng/ul	99
82) Chrysene	21.23	228	138017	3.154	ng/ul	96
85) Benzo(b)fluoranthene	22.73	252	69042	1.390	ng/ul#	92

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