

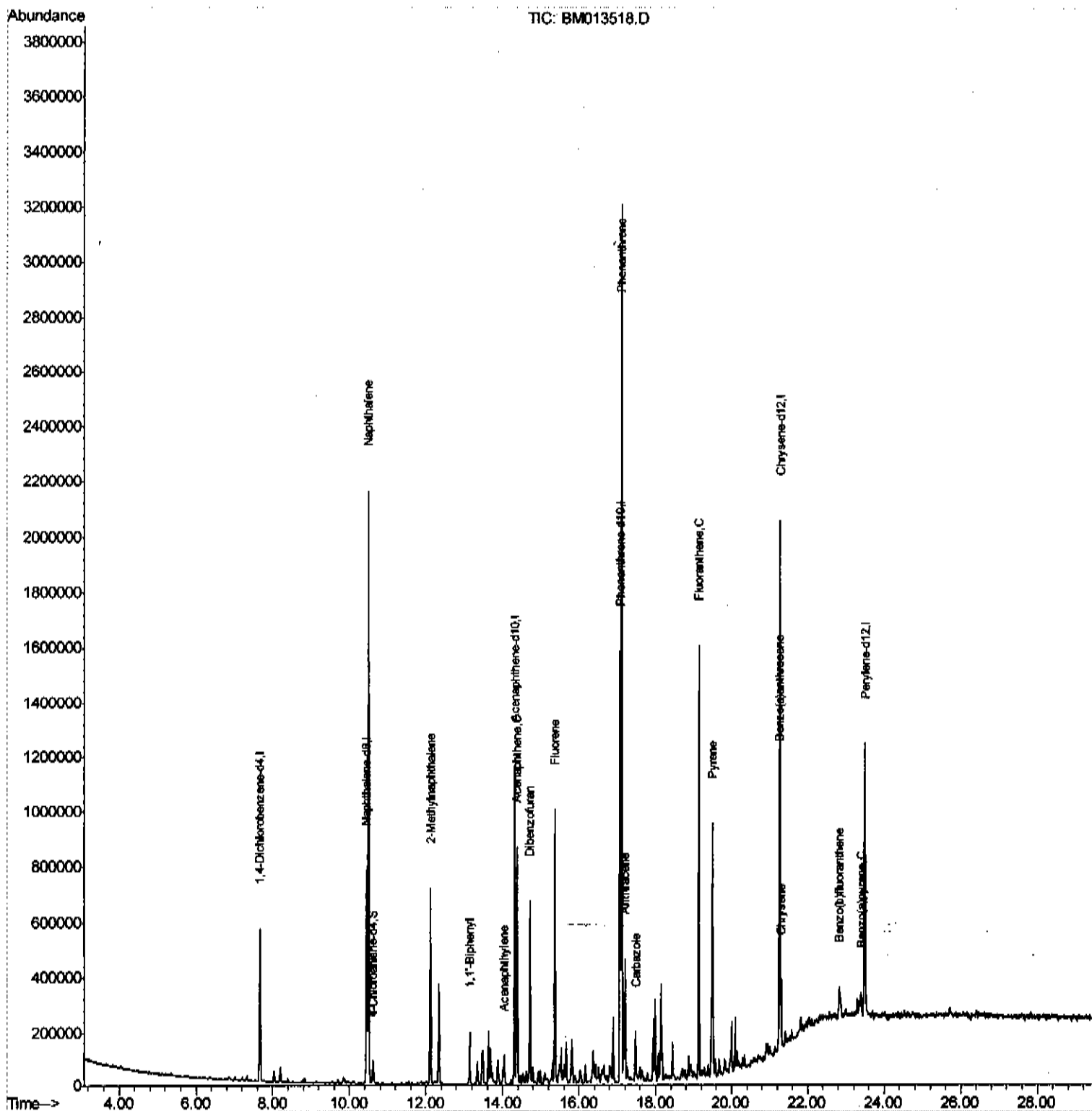
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121917\
Data File : BM013518.D
Acq On : 19 Dec 2017 18:16
Operator : SJ/JU
Sample : I6778-13MEDL 30X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A78MEDL

Manual Integrations
APPROVED

Sohil
12/20/2017 3:49:47 PM

Quant Time: Dec 20 06:07:09 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration



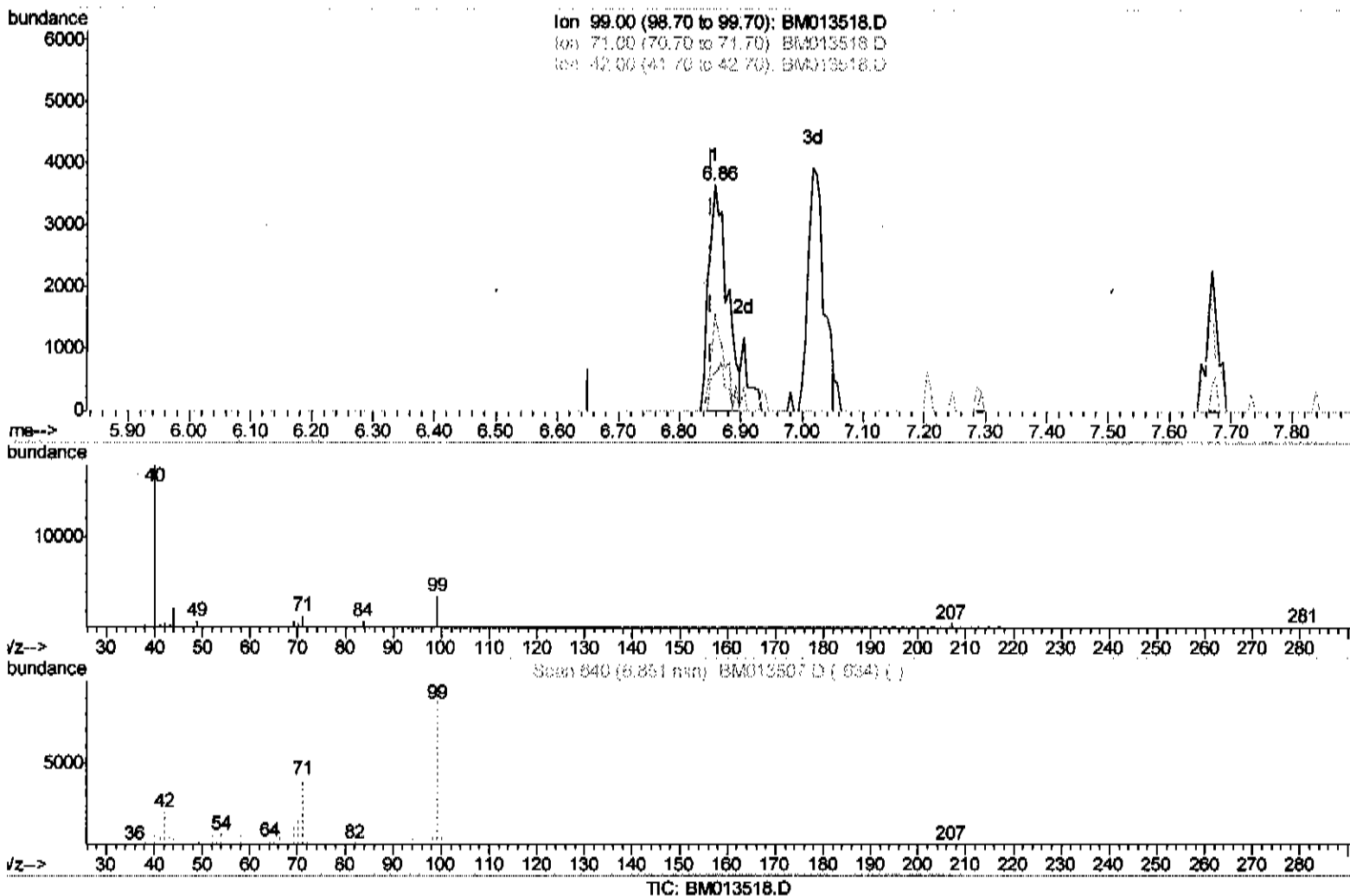
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(5) Phenol-d5 (S)

6.857min (+0.006) 0.64ng/ul

response 7653

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	42.38#
42.00	24.20	17.31#
0.00	0.00	0.00

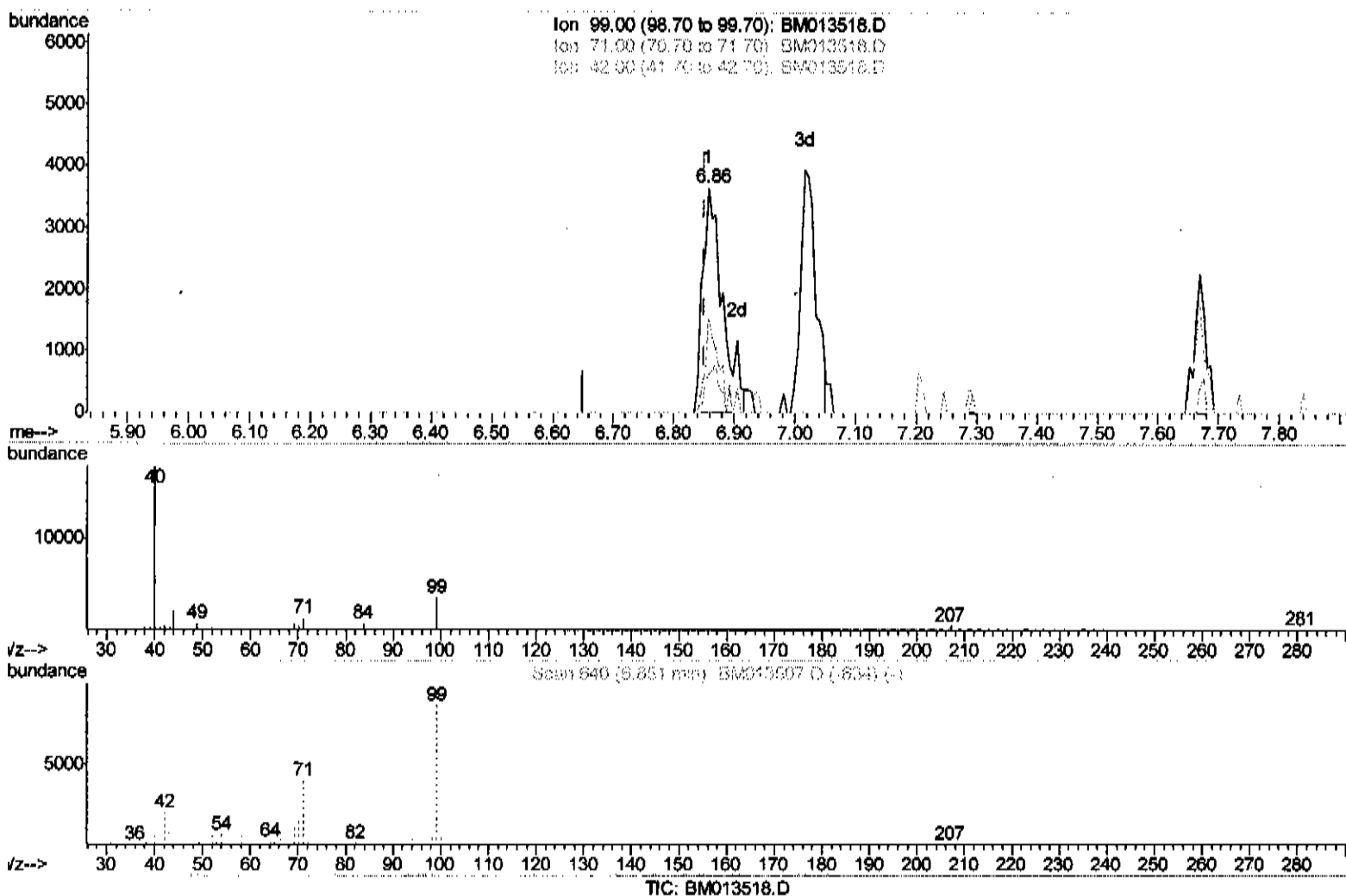
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(5) Phenol-d5 (S)

6.857min (+0.006) 0.69ng/ul m54 12/20/17

response 8350

Ion	Exp%	Act%
99.00	100	100
71.00	55.00	42.38#
42.00	24.20	17.31#
0.00	0.00	0.00

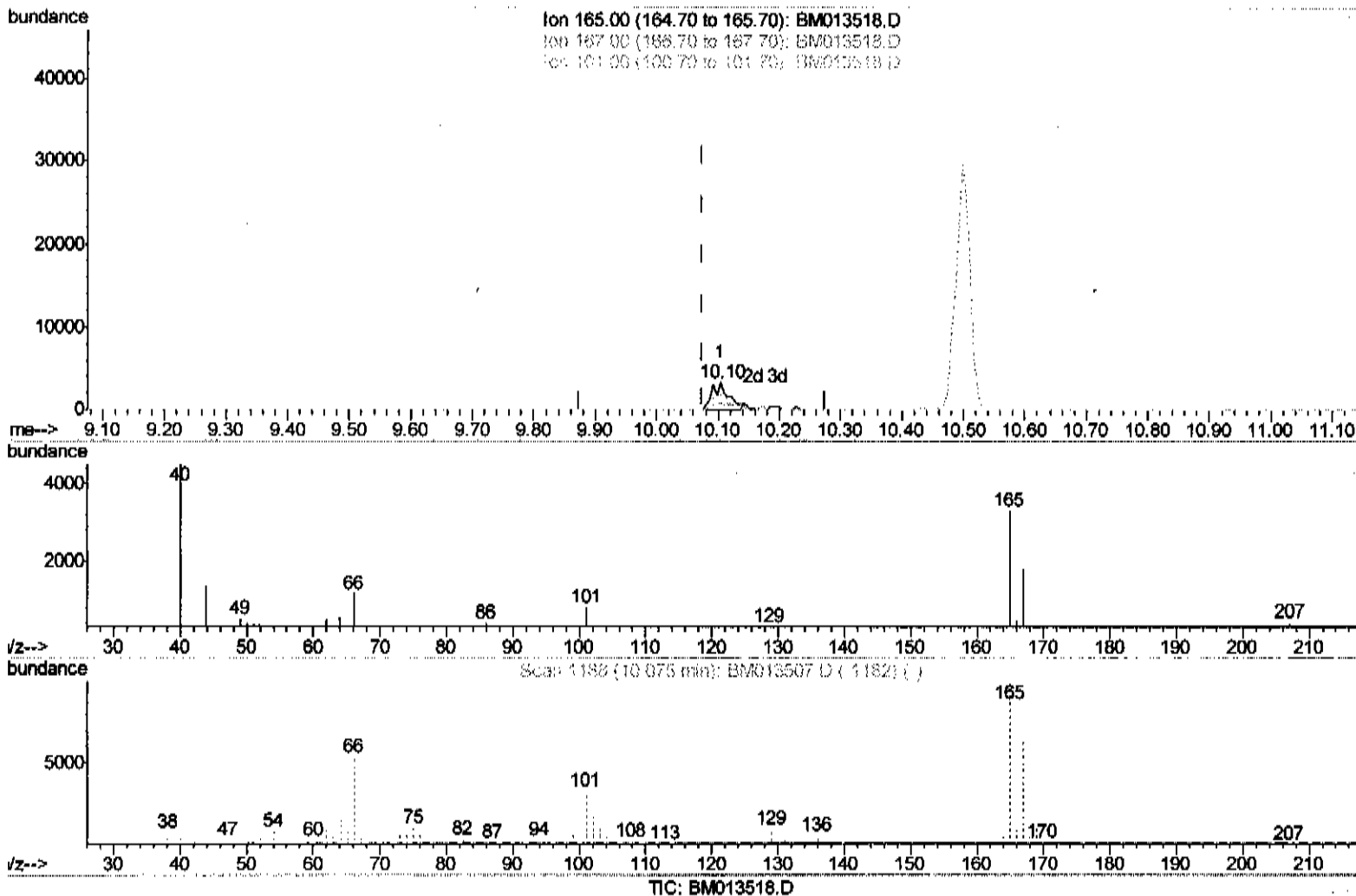
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Quant Time: Dec 20 05:56:29 2017
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(26) 2,4-Dichlorophenol-d3 (S)

10.104min (+0.029) 0.59ng/ul

response 6278

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.76
101.00	29.30	24.36
0.00	0.00	0.00

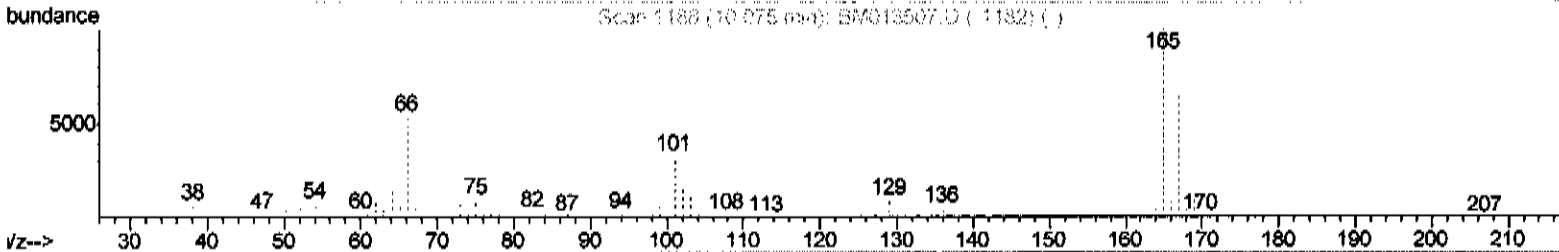
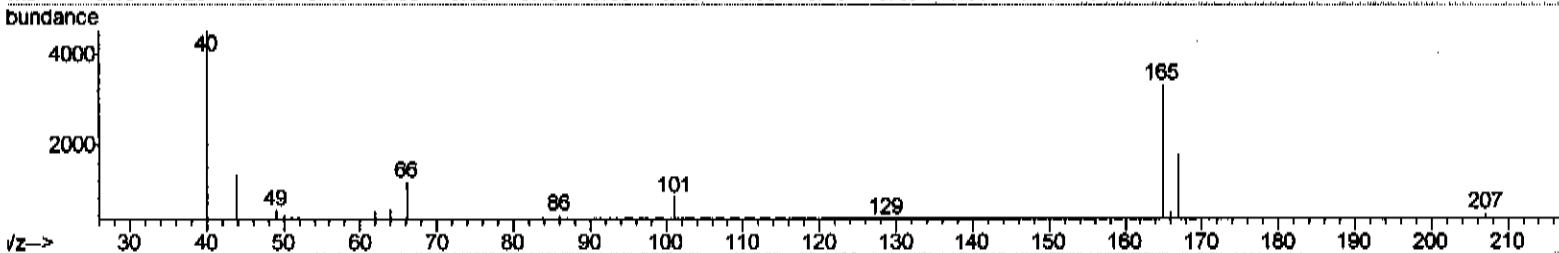
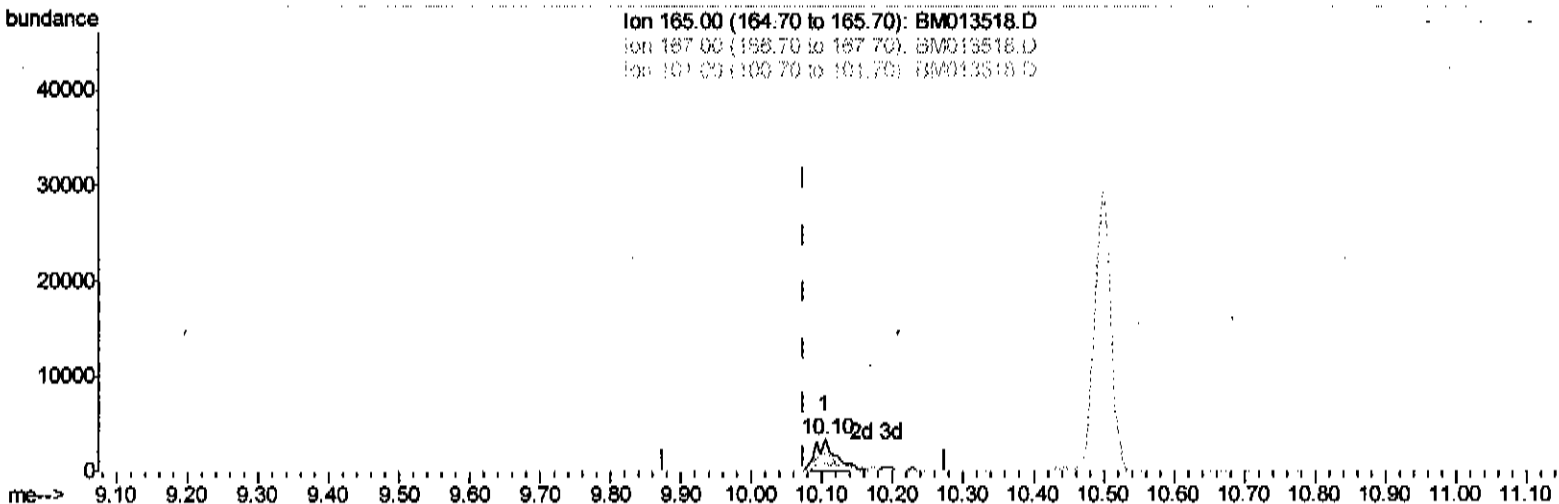
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Instrument :
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TIC: BM013518.D

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

10.104min (+0.029) 0.61ng/ul m

response 6506

Ion	Exp%	Act%
165.00	100	100
167.00	63.60	53.76
101.00	29.30	24.36
0.00	0.00	0.00

5/12/20/17

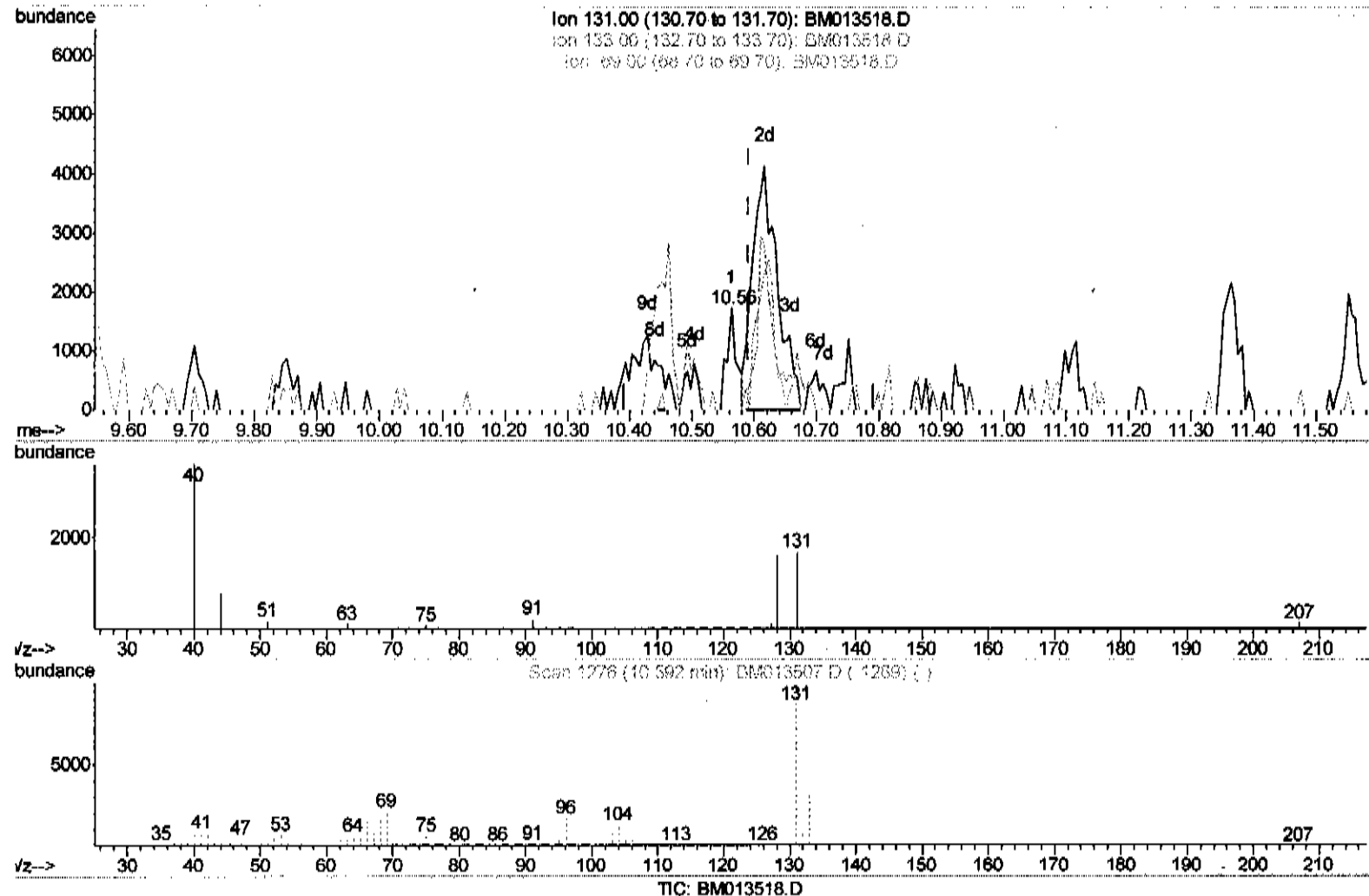
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Instrument :
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Manual Integrations
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Sohil
 12/20/2017 3:49:47 PM

Quant Time: Dec 20 05:58:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
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 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.563min (-0.029) 0.20ng/ul

response 1965

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

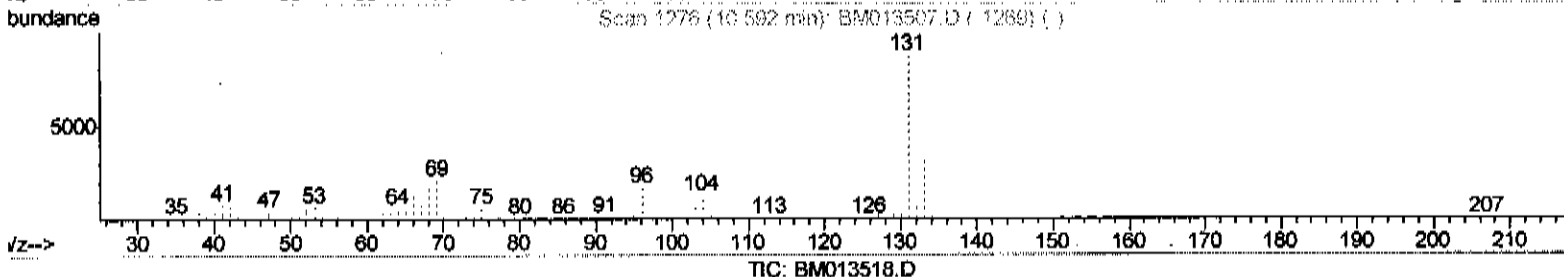
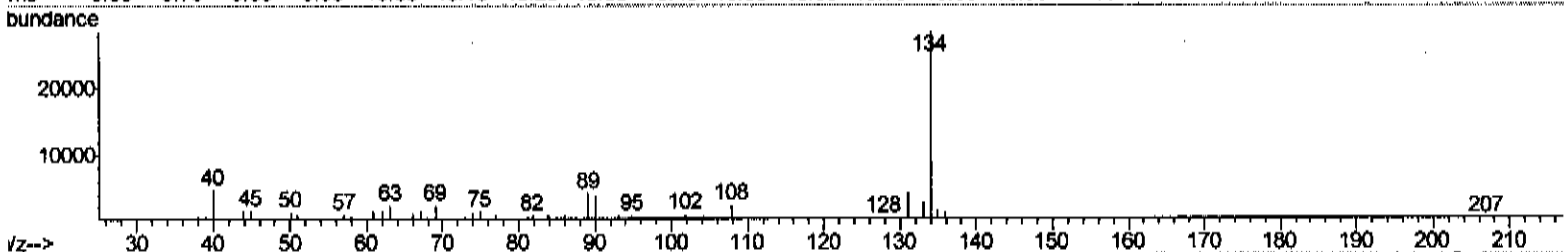
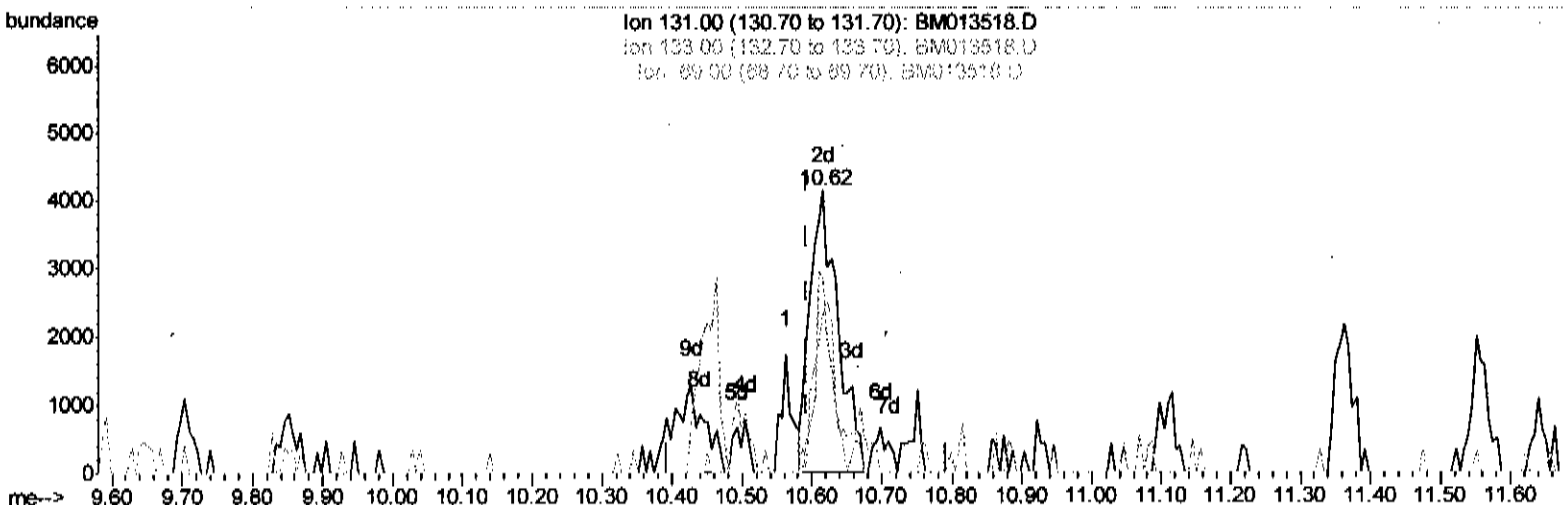
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 F9A78MEDL

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 20 05:58:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.616min (+0.024) 1.19ng/ul m

response 11542

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	68.52#
69.00	24.30	55.15#
0.00	0.00	0.00

ju 12/20/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	138848	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	605869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	371785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	871782	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	827619	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	731201	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.86	99	8350m	0.69	ng/ul	20.00 July 20/17
7) Bis-(2-Chloroethyl)ether-d	7.02	67	4677	0.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	6436	0.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.40	113	6237	0.61	ng/ul	0.02
19) Nitrobenzene-d5	8.85	128	3275	0.68	ng/ul	0.02
22) 2-Nitrophenol-d4	9.55	143	3228	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	6506m	0.61	ng/ul	0.03
29) 4-Chloroaniline-d4	10.62	131	11542m	1.19	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	23521	0.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	29161	0.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	577	0.10	ng/ul	0.06
57) Fluorene-d10	15.31	176	23377	0.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	264	0.05	ng/ul	0.00
70) Anthracene-d10	17.16	188	38175	0.87	ng/ul	0.00
76) Pyrene-d10	19.46	212	36368	0.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	28856	0.77	ng/ul	0.00

Target Compounds

				Ovalue	
28) Naphthalene	10.50	128	1602047	51.395	ng/ul 99
34) 2-Methylnaphthalene	12.12	142	326252	13.923	ng/ul 94
40) 1,1'-Biphenyl	13.14	154	90023	2.865	ng/ul 99
47) Acenaphthylene	14.03	152	46634	1.234	ng/ul# 91
49) Acenaphthene	14.37	153	329485	12.802	ng/ul 99
53) Dibenzofuran	14.72	168	369938	9.736	ng/ul 99
58) Fluorene	15.37	166	412200	13.114	ng/ul 95
69) Phenanthrene	17.11	178	1879004	37.939	ng/ul 99
71) Anthracene	17.20	178	273320	5.399	ng/ul 98
72) Carbazole	17.47	167	104763	2.406	ng/ul 96
74) Fluoranthene	19.13	202	907505	14.952	ng/ul# 95
77) Pyrene	19.49	202	607339	12.079	ng/ul# 93
80) Benzo(a)anthracene	21.24	228	162051	3.086	ng/ul 94
82) Chrysene	21.29	228	132835	2.727	ng/ul 93
85) Benzo(b)fluoranthene	22.82	252	96002	1.948	ng/ul# 95
88) Benzo(a)pyrene	23.38	252	63104	1.425	ng/ul# 92

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