

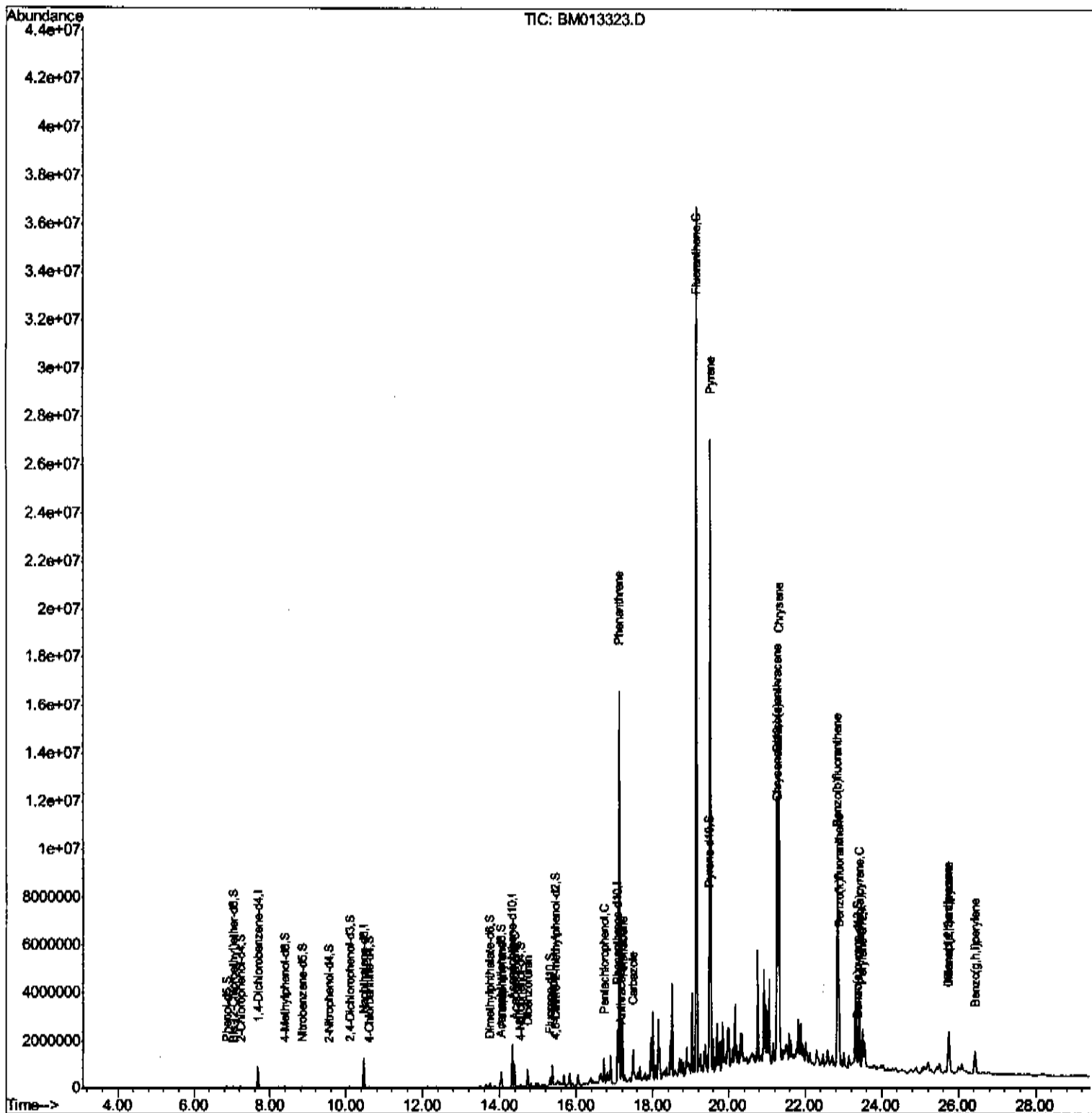
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B10

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:24 PM

Quant Time: Dec 12 04:38:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
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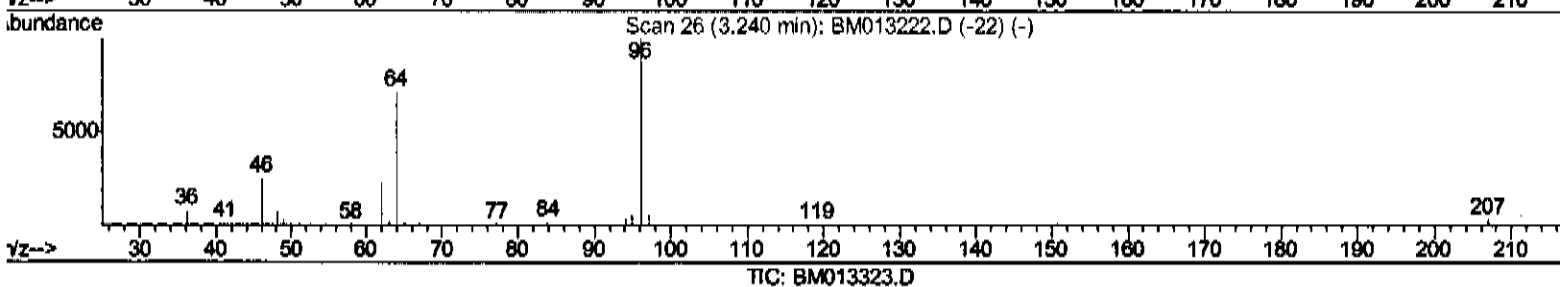
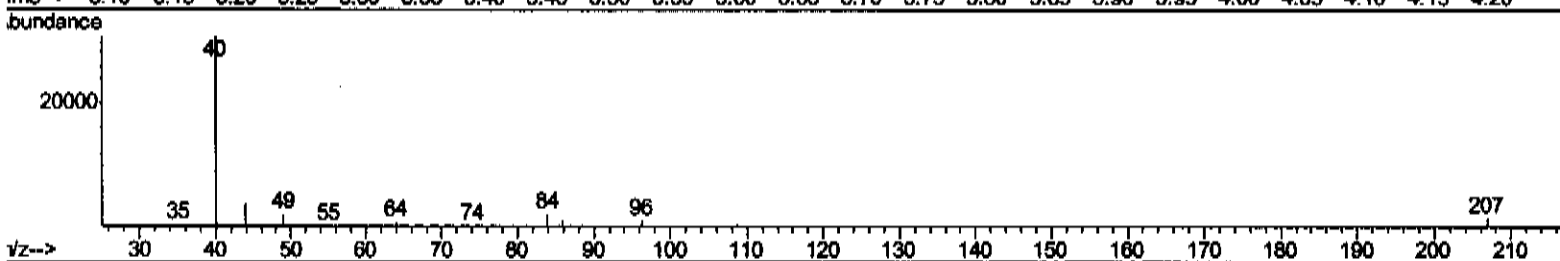
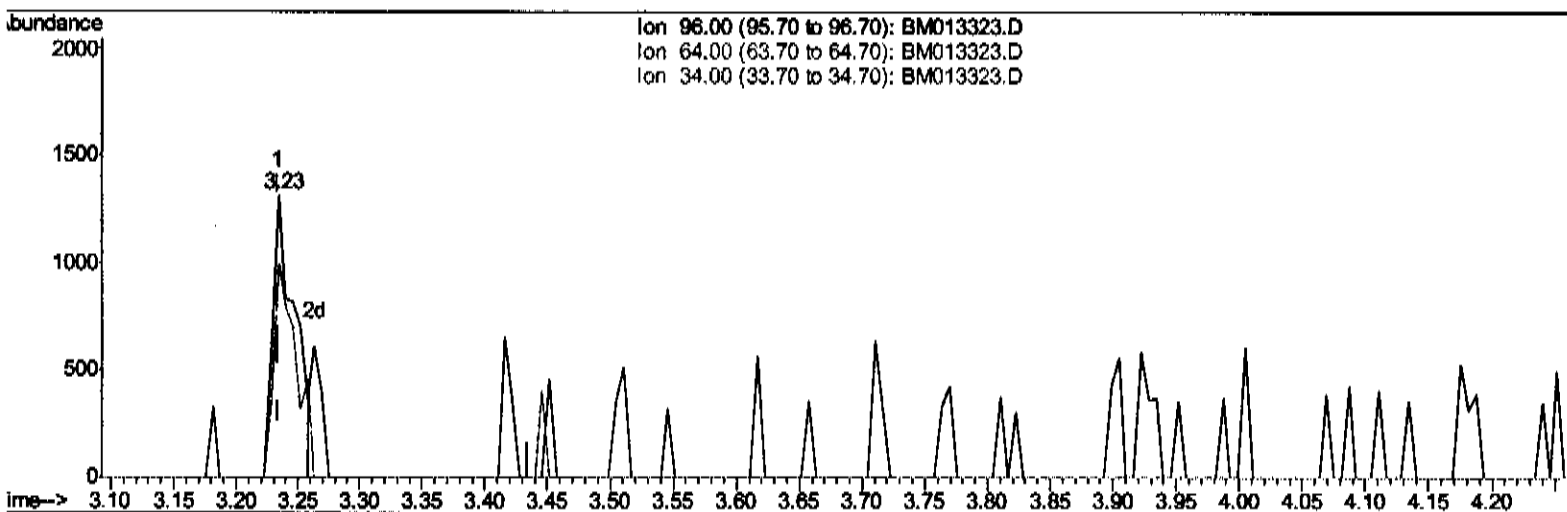
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Quant Time: Dec 12 04:16:58 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration



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

3.234min (-0.000) 0.36ng/uL

response 1647

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	78.32
34.00	0.00	0.00
0.00	0.00	0.00

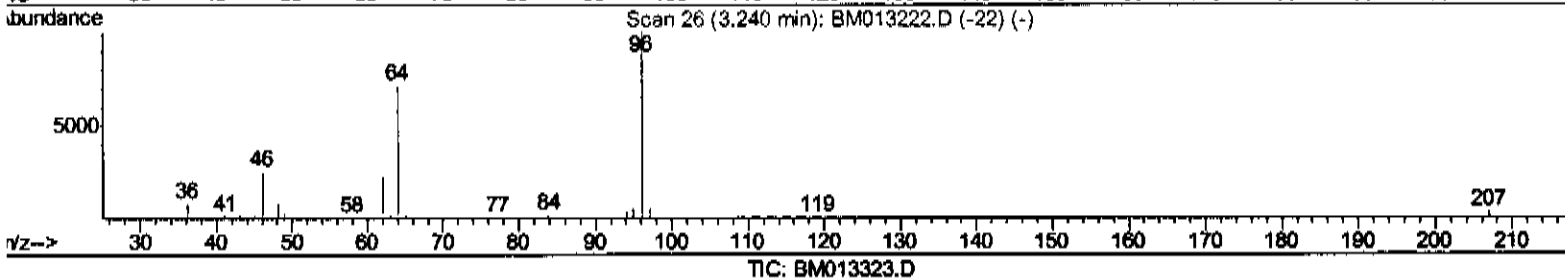
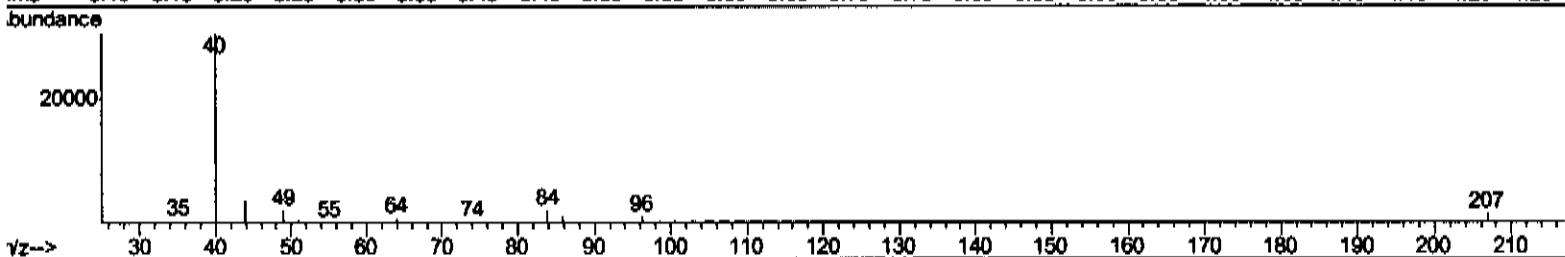
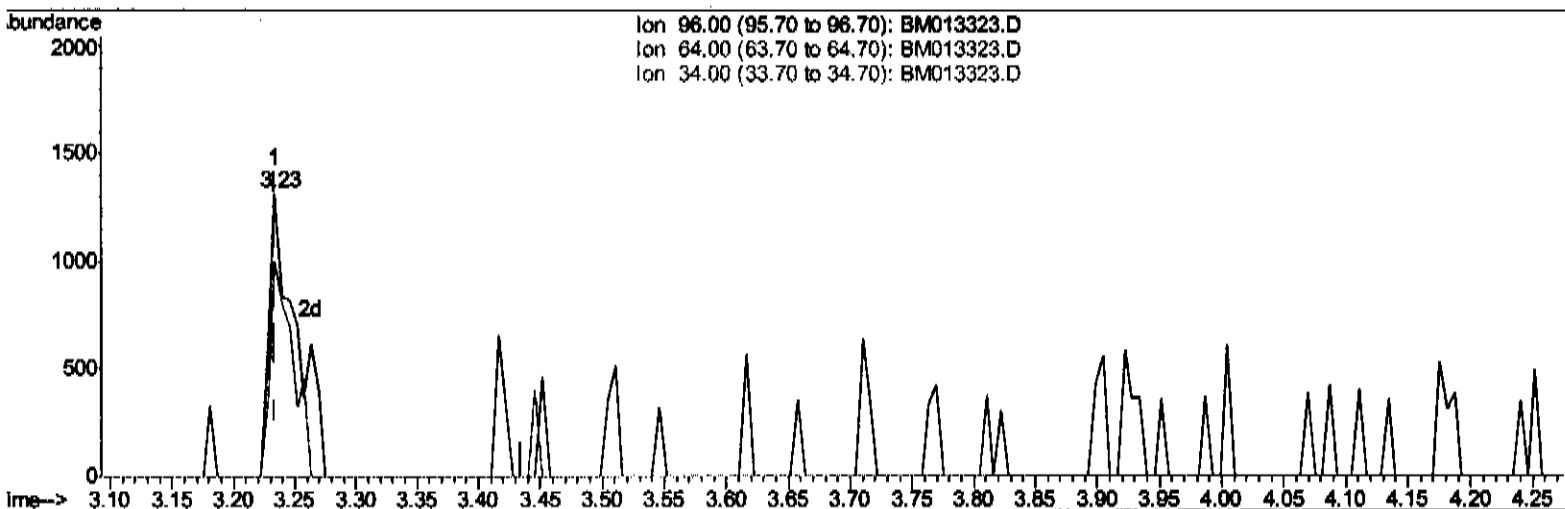
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Manual Integrations
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Sohil
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Quant Time: Dec 12 04:16:58 2017
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 QLast Update : Tue Dec 12 02:07:09 2017
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(3) 1,4-Dioxane-d8 (S)

3.234min (-0.000) 0.44ng/uL m

response 2006

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	64.31
34.00	0.00	0.00
0.00	0.00	0.00

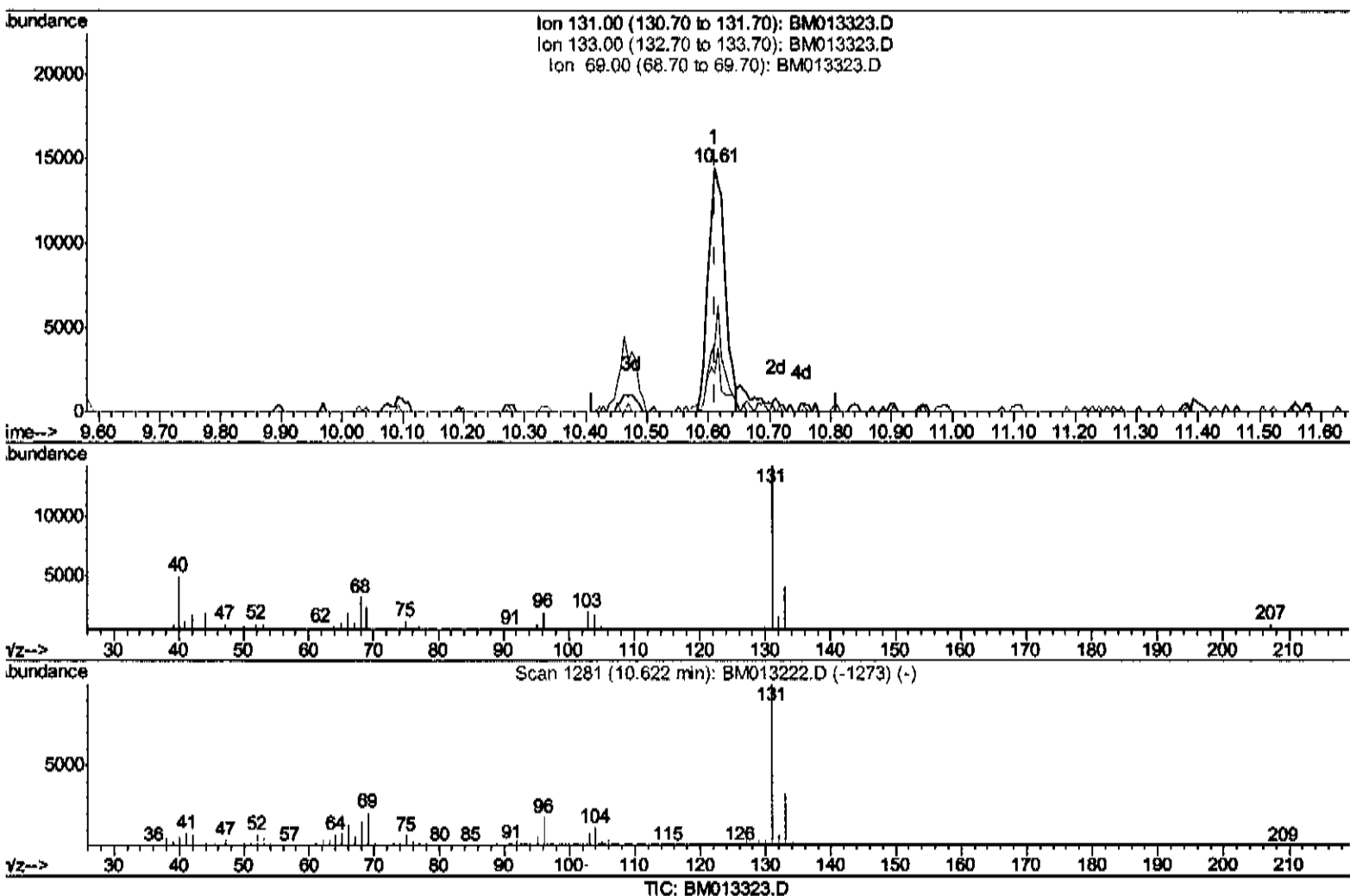
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 12 04:35:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.610min (-0.000) 1.73ng/ul

response 27685

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	27.87
69.00	24.30	15.81#
0.00	0.00	0.00

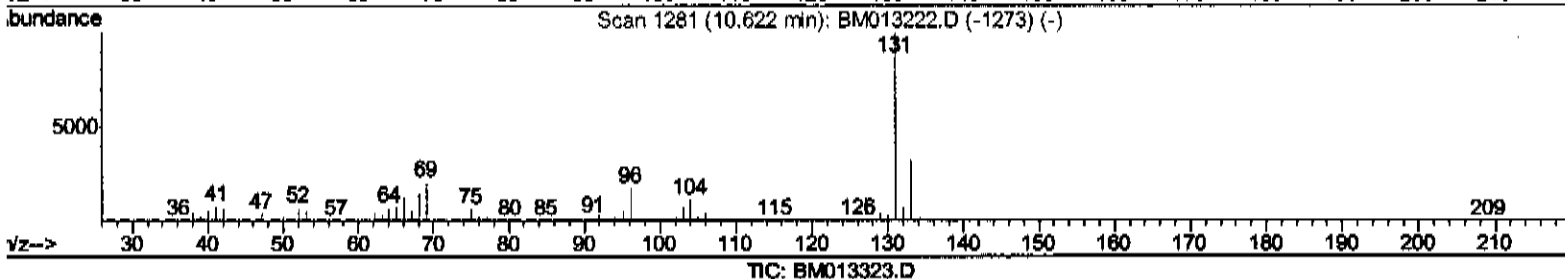
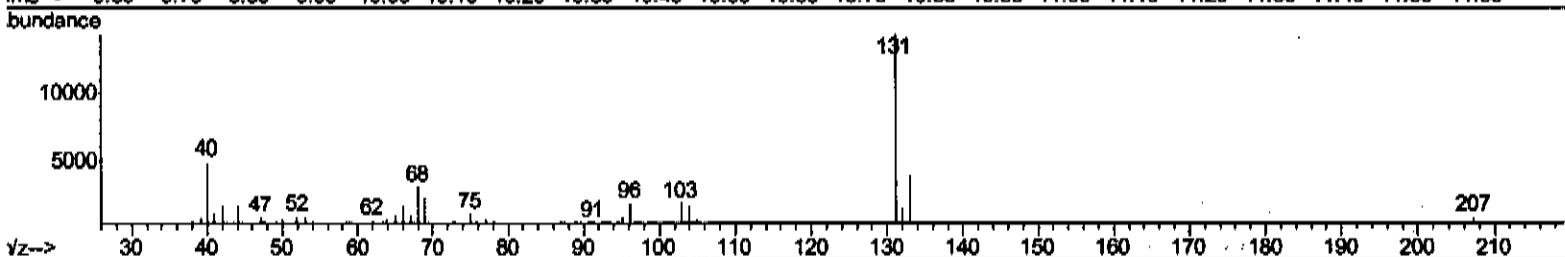
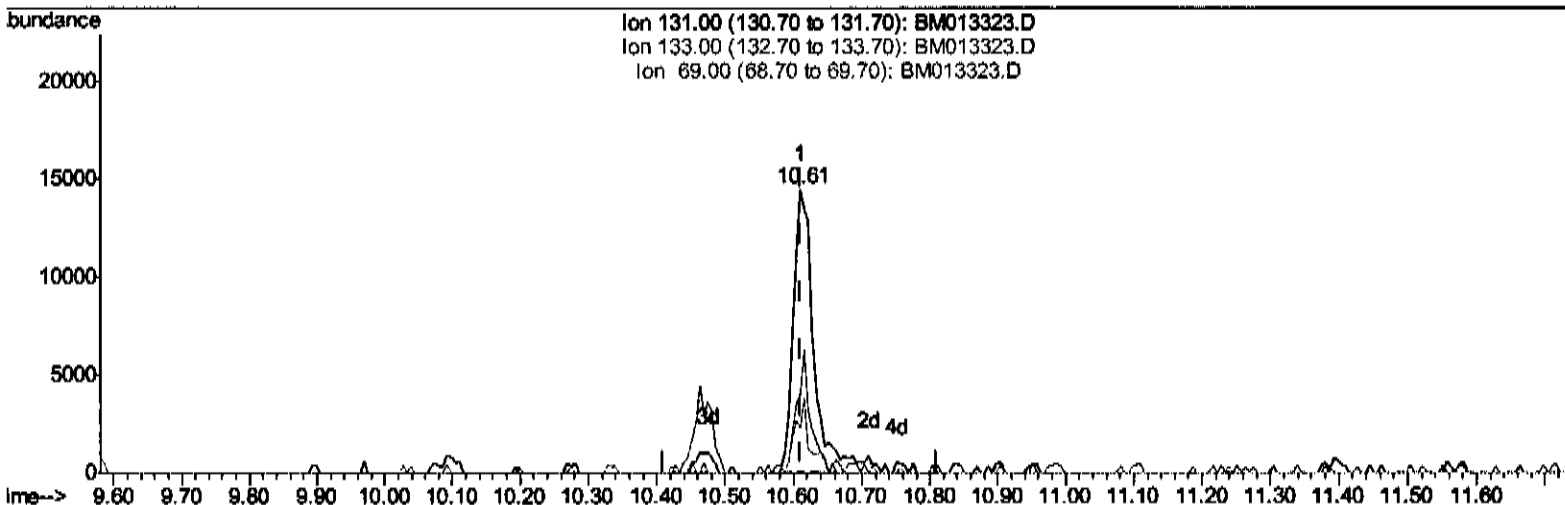
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B10

Manual Integrations
 APPROVED

Sohil
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Quant Time: Dec 12 04:35:11 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.610min (-0.000) 1.96ng/ul m

response 31357

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	27.87
69.00	24.30	15.81#
0.00	0.00	0.00

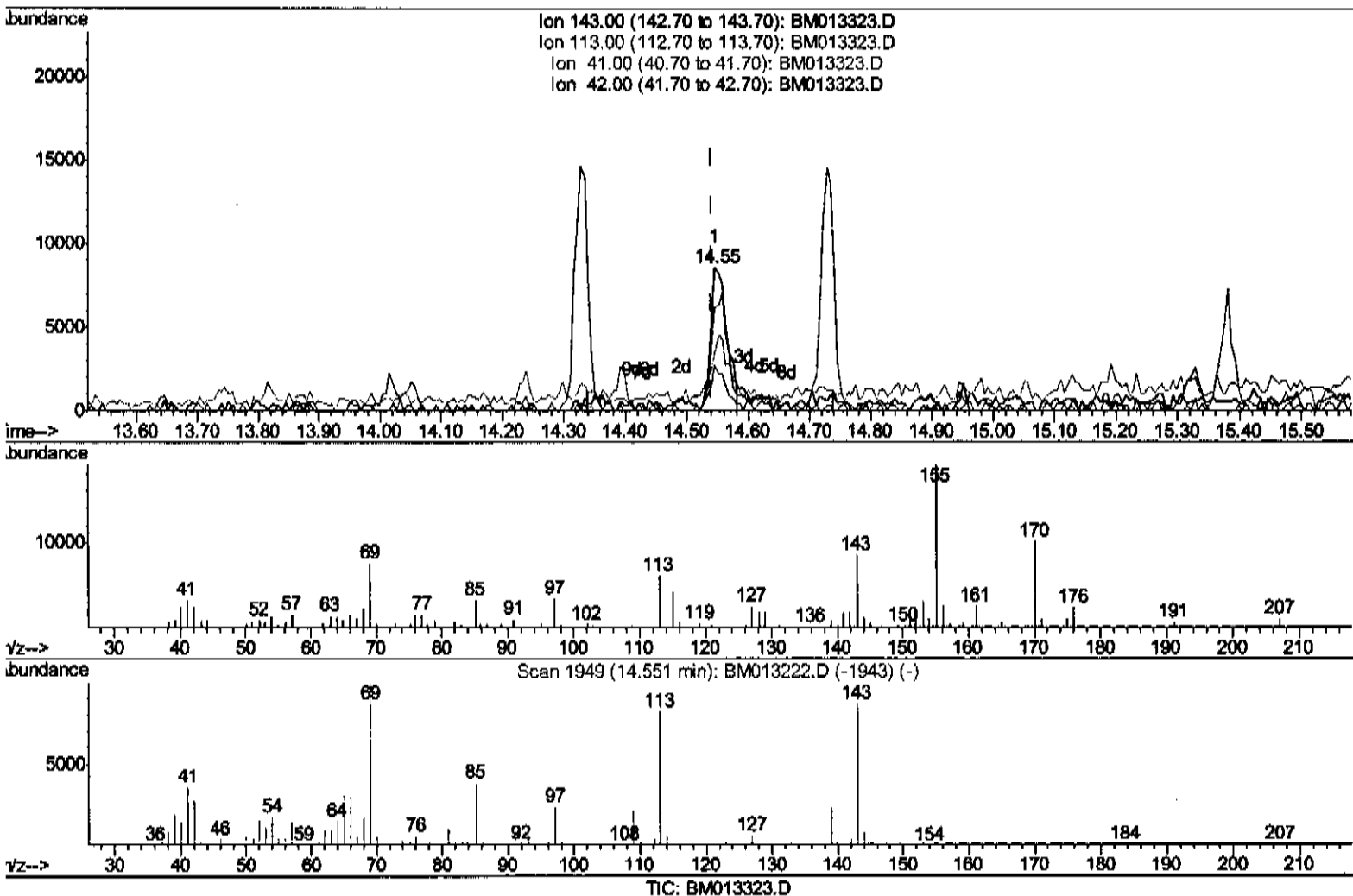
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B10

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:24 PM

Quant Time: Dec 12 04:36:09 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
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(51) 4-Nitrophenol-d4 (S)

14.545min (+0.006) 1.74ng/ul

response 15753

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	72.56#
41.00	34.80	40.54
42.00	20.50	32.04#

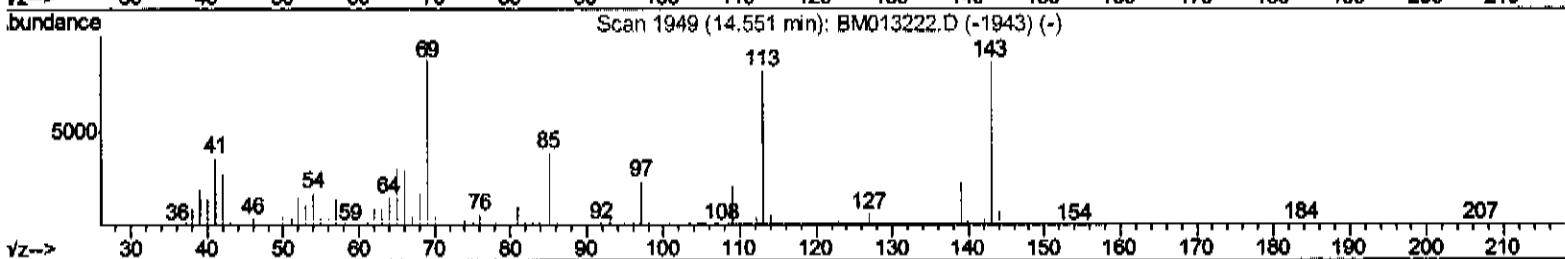
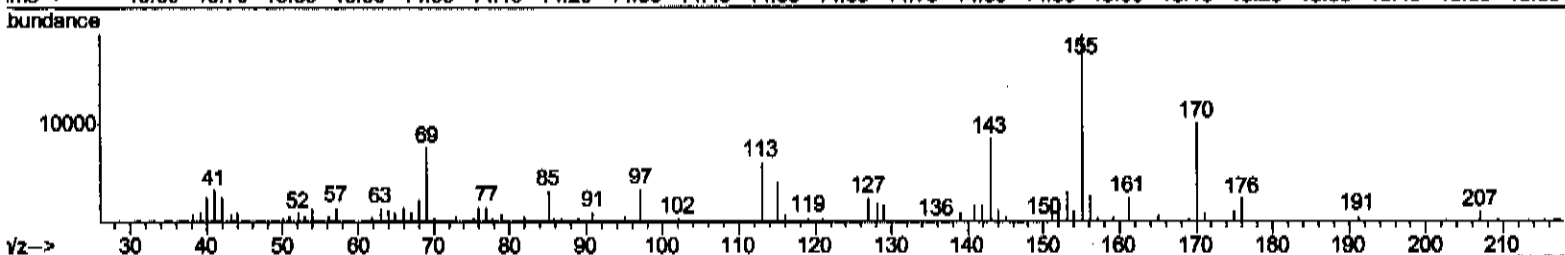
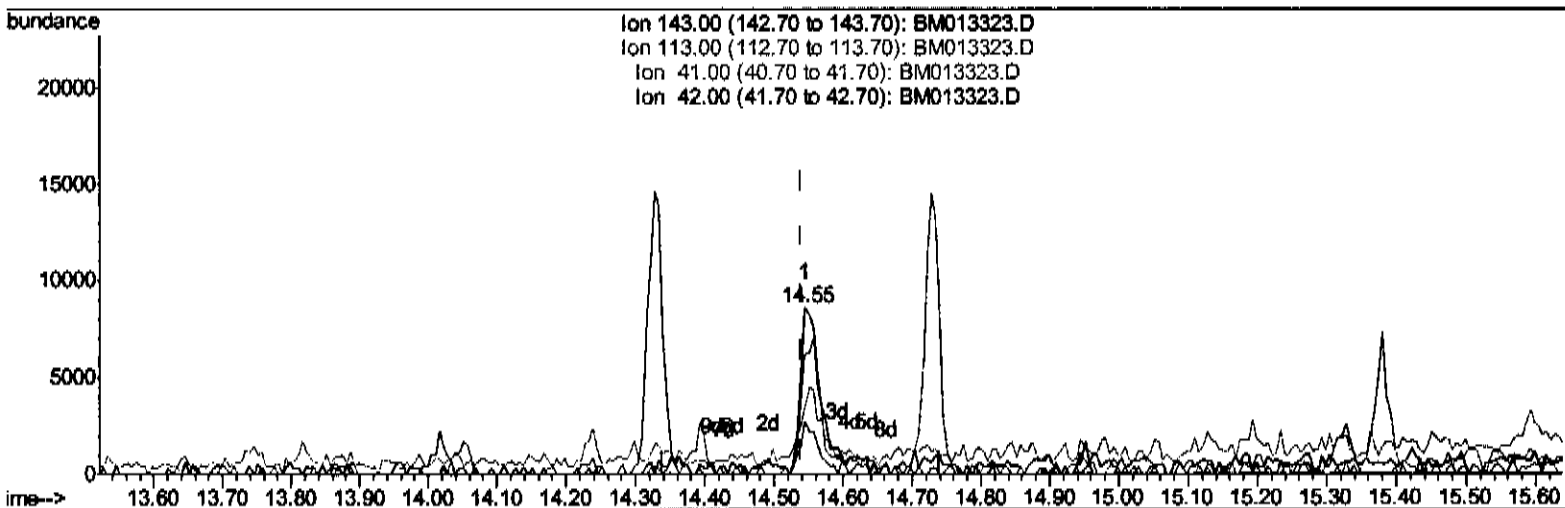
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9B10

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:24 PM

Quant Time: Dec 12 04:36:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration



TIC: BM013323.D

(51) 4-Nitrophenol-d4 (S)

14.545min (+0.006) 2.05ng/ul m

response 18605

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	72.56%
41.00	34.80	40.54
42.00	20.50	32.04%

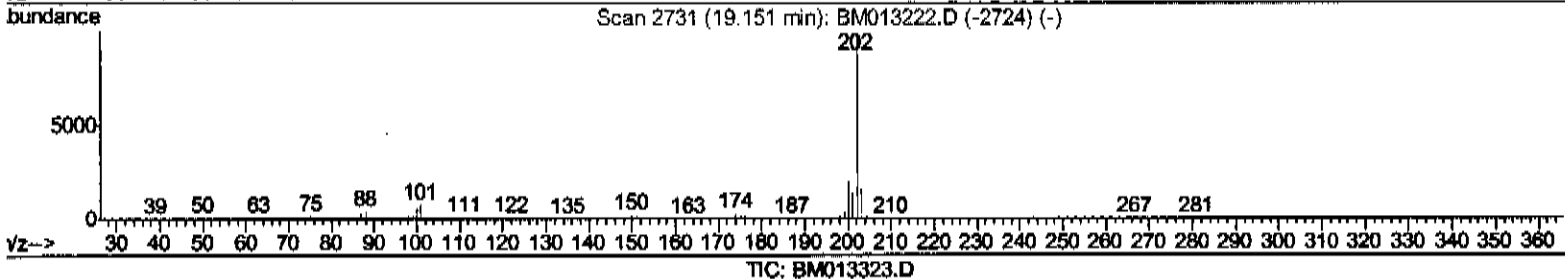
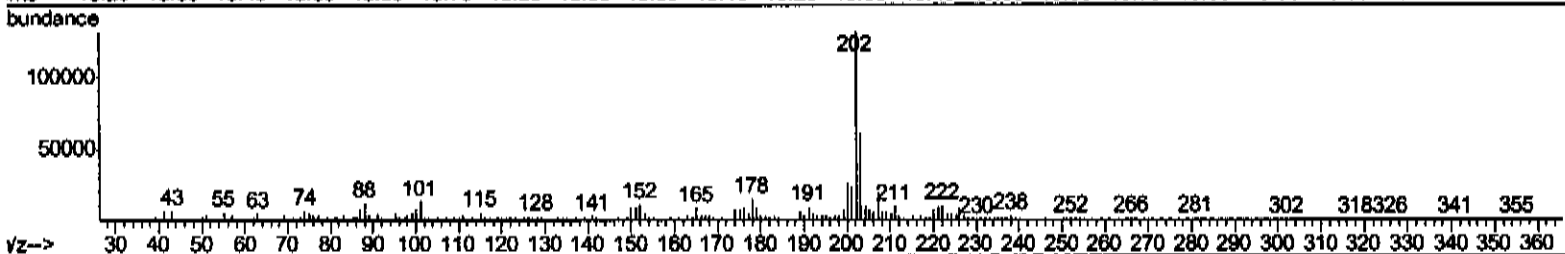
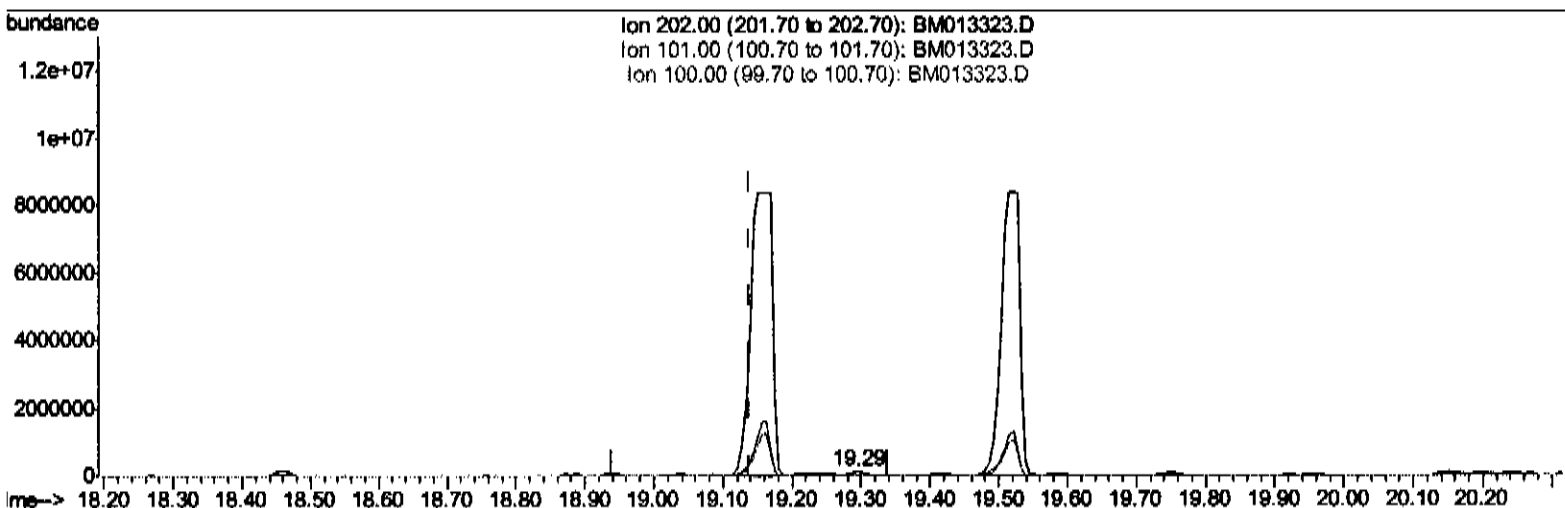
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 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9B10

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:24 PM

Quant Time: Dec 12 04:37:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(74) Fluoranthene (C)

19.292min (+0.153) 1.63ng/ul

response 150147

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	10.24#
100.00	4.30	6.50#
0.00	0.00	0.00

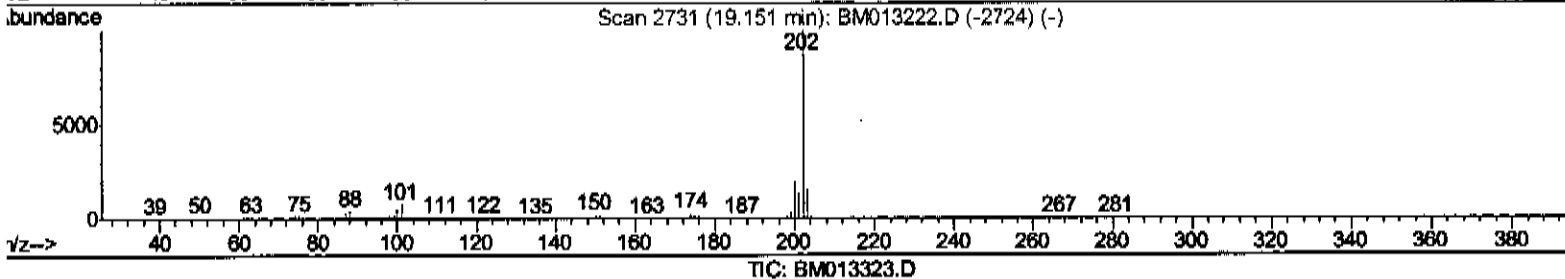
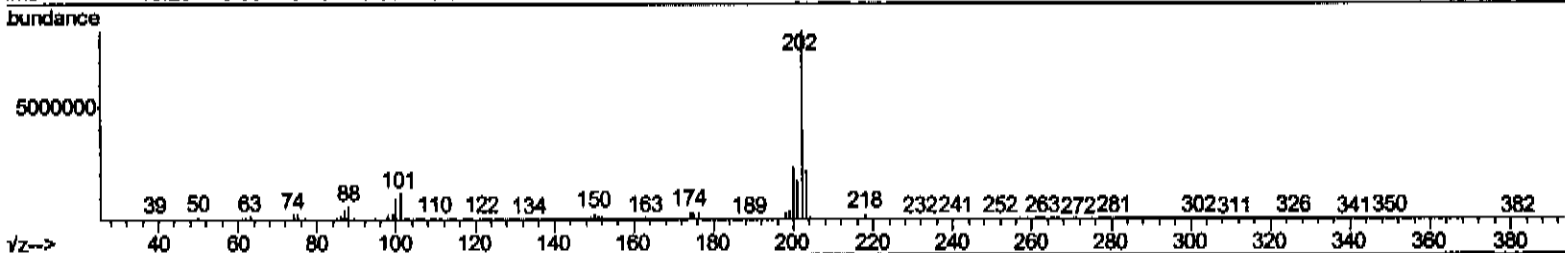
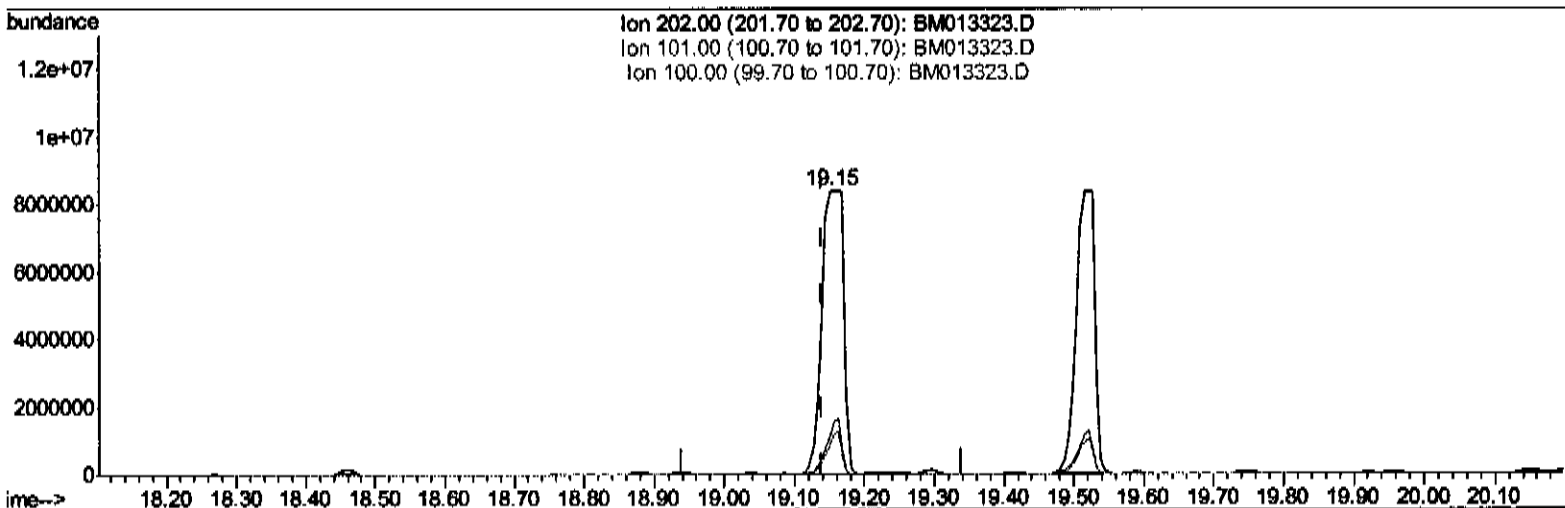
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
 Acq On : 12 Dec 2017 02:32
 Operator : SJ/JU
 Sample : I6758-09 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F9B10

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:57:24 PM

Quant Time: Dec 12 04:37:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 02:07:09 2017
 Response via : Initial Calibration



(74) Fluoranthene (C)

19.151min (+0.011) 197.48ng/ul m

response 18204896

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	14.11#
100.00	4.30	10.74#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
 Data File : BM013323.D
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	226167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	992746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	586916	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1324102	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1428235	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1197013	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2006m	0.44	ng/uL	0.00
5) Phenol-d5	6.87	99	44348	2.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	24073	2.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	36149	2.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	39328	2.35	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	18514	2.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	19850	2.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	37485	2.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	31357m	1.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	134480	2.57	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	162675	2.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	18605m	2.05	ng/ul	0.00
57) Fluorene-d10	15.32	176	117604	2.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	13353	1.60	ng/ul	0.00
70) Anthracene-d10	17.18	188	174796	2.64	ng/ul	0.00
76) Pyrene-d10	19.48	212	195566	2.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	147993	2.43	ng/ul	0.01

Target Compounds

					Ovalue
47) Acenaphthylene	14.05	152	448928	7.527	ng/ul 99
49) Acenaphthene	14.39	153	367320	9.041	ng/ul 99
53) Dibenzofuran	14.73	168	362531	6.044	ng/ul 95
58) Fluorene	15.38	166	380107	7.660	ng/ul 99
68) Pentachlorophenol	16.73	266	11069	1.115	ng/ul# 89
69) Phenanthrene	17.13	178	9774579	129.938	ng/ul 100
71) Anthracene	17.22	178	1612571	20.972	ng/ul 99
72) Carbazole	17.49	167	725959	10.976	ng/ul 99
74) Fluoranthene	19.15	202	18204896m	197.480	ng/ul > 99
77) Pyrene	19.52	202	15517676	178.838	ng/ul# 81
80) Benzo(a)anthracene	21.26	228	5465805	60.317	ng/ul 98
82) Chrysene	21.32	228	8794364	104.607	ng/ul 98
85) Benzo(b)fluoranthene	22.84	252	6575334	81.486	ng/ul# 98
86) Benzo(k)fluoranthene	22.88	252	2150174	28.315	ng/ul# 95
88) Benzo(a)pyrene	23.41	252	2501591	34.511	ng/ul# 98
89) Indeno(1,2,3-cd)pyrene	25.74	276	1638197	22.777	ng/ul# 95
90) Dibenzo(a,h)anthracene	25.74	278	493310	8.055	ng/ul# 92
91) Benzo(g,h,i)perylene	26.42	276	1197795	21.113	ng/ul# 95

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