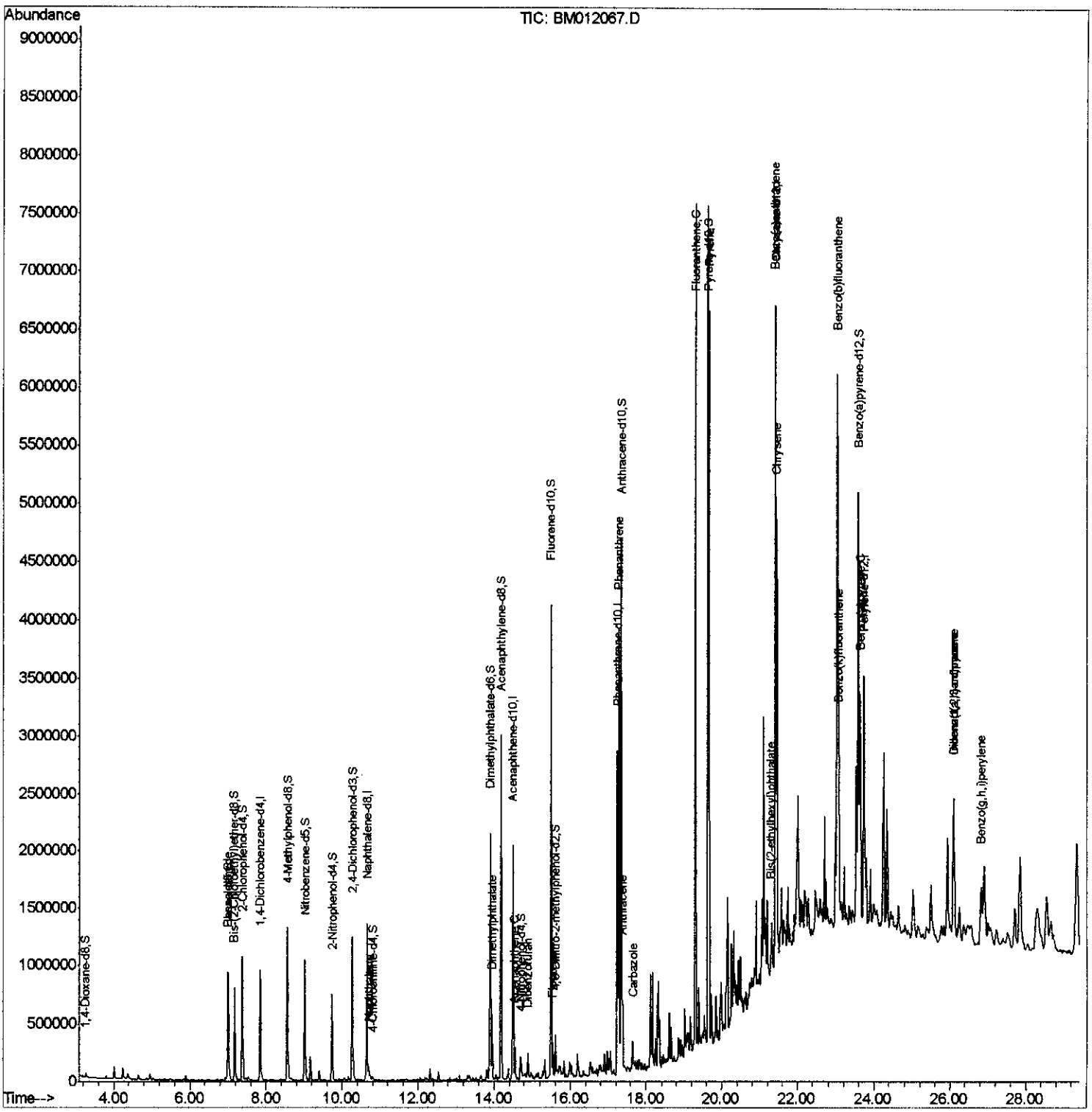
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012067.D
Acq On : 11 Oct 2017 06:16
Operator : SJ/JU
Sample : I5668-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 11 09:17:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012067.D
Acq On : 11 Oct 2017 06:16
Operator : SJ/JU
Sample : I5668-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 11 08:59:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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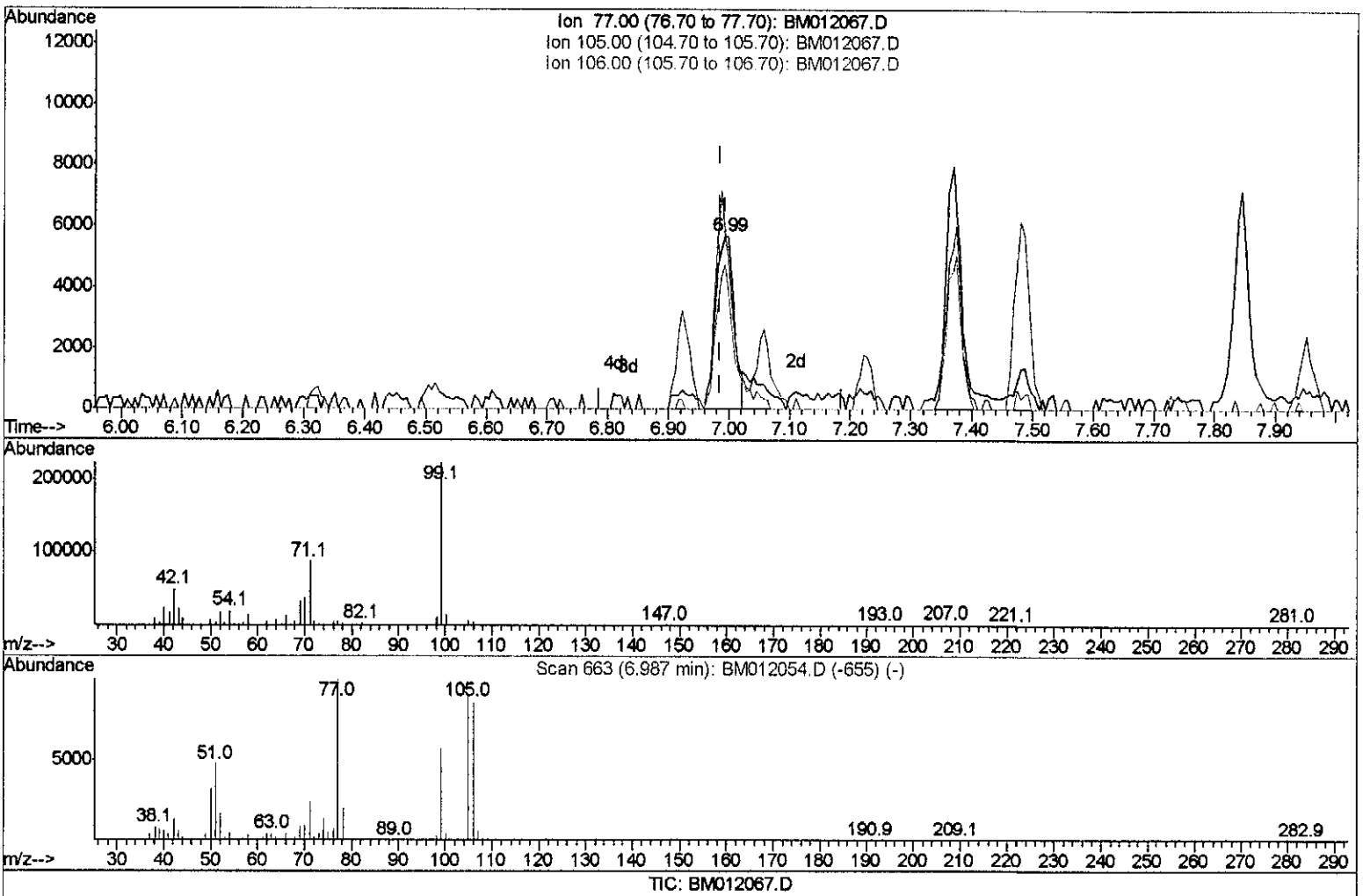
Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM



TIC: BM012067.D

(4) Benzaldehyde

6.992min (+0.006) 1.11ng/ul

response 12104

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	102.09#
106.00	84.70	84.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_M
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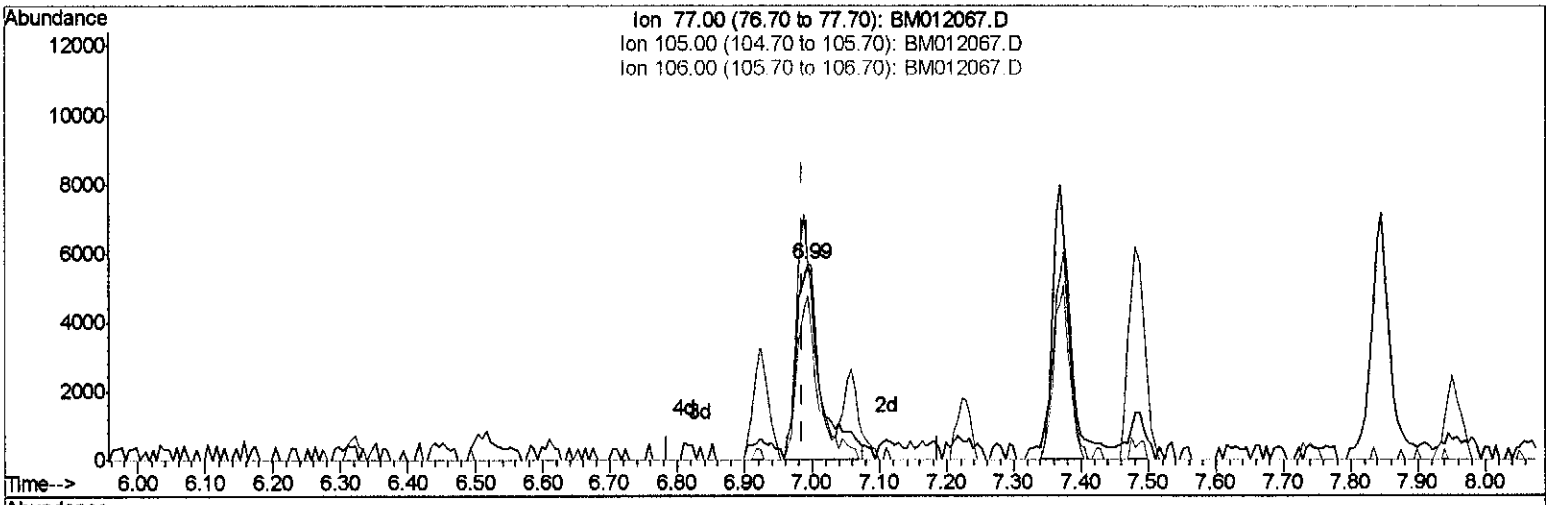
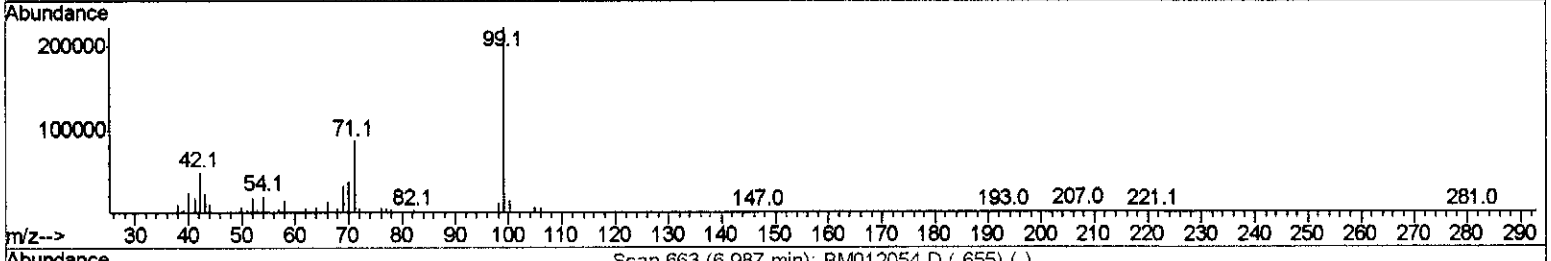
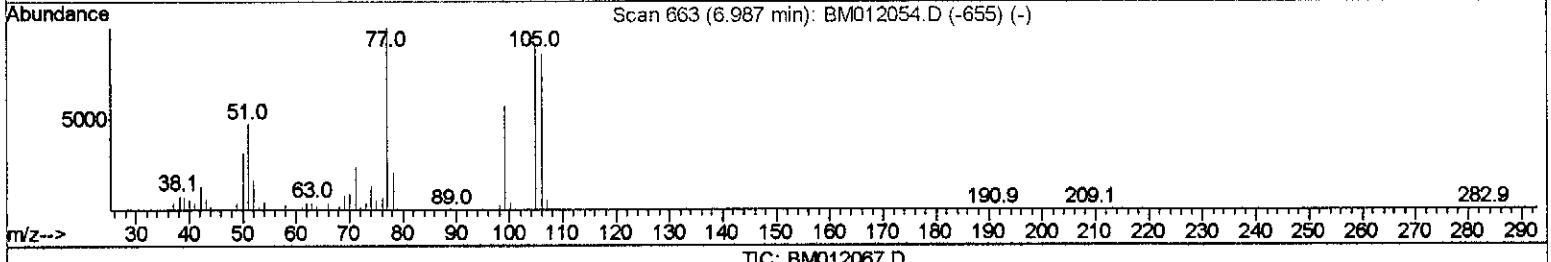
Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM







TIC: BM012067.D

(4) Benzaldehyde

6.992min (+0.006) 1.33ng/ul m) SJ 10/14/17

response 14551

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	102.09#
106.00	84.70	84.45
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
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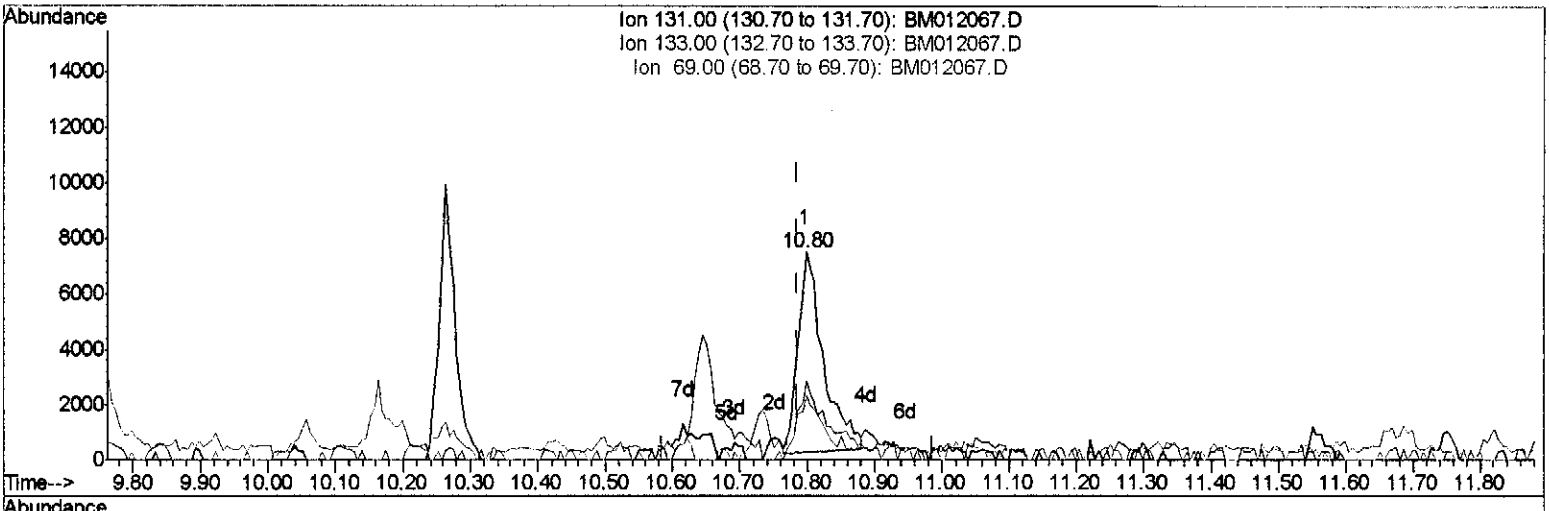
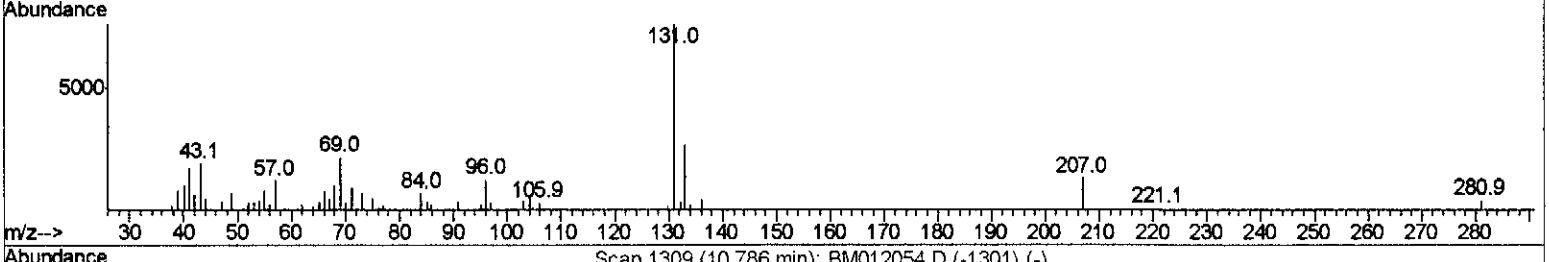
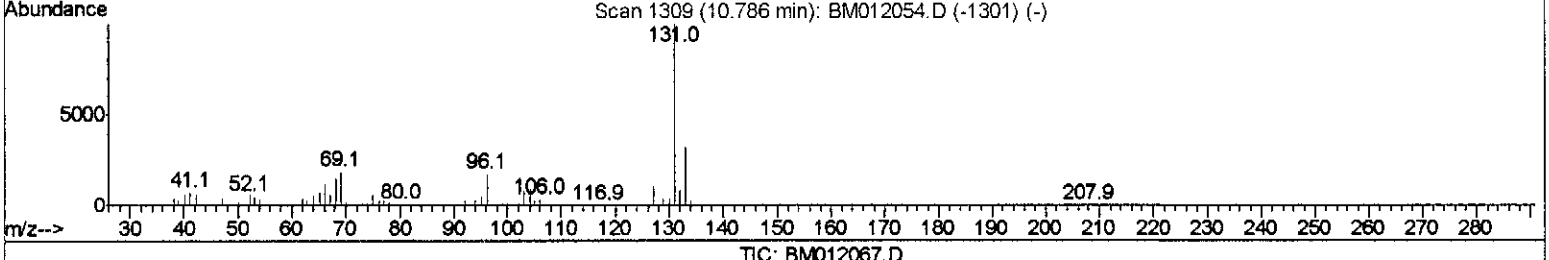
Instrument :
BNA_M
ClientSampleId :
CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM







TIC: BM012067.D

(29) 4-Chloroaniline-d4 (S)

10.798min (+0.012) 0.98ng/ul

response 18971

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	37.70#
69.00	24.30	31.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SJ/JU
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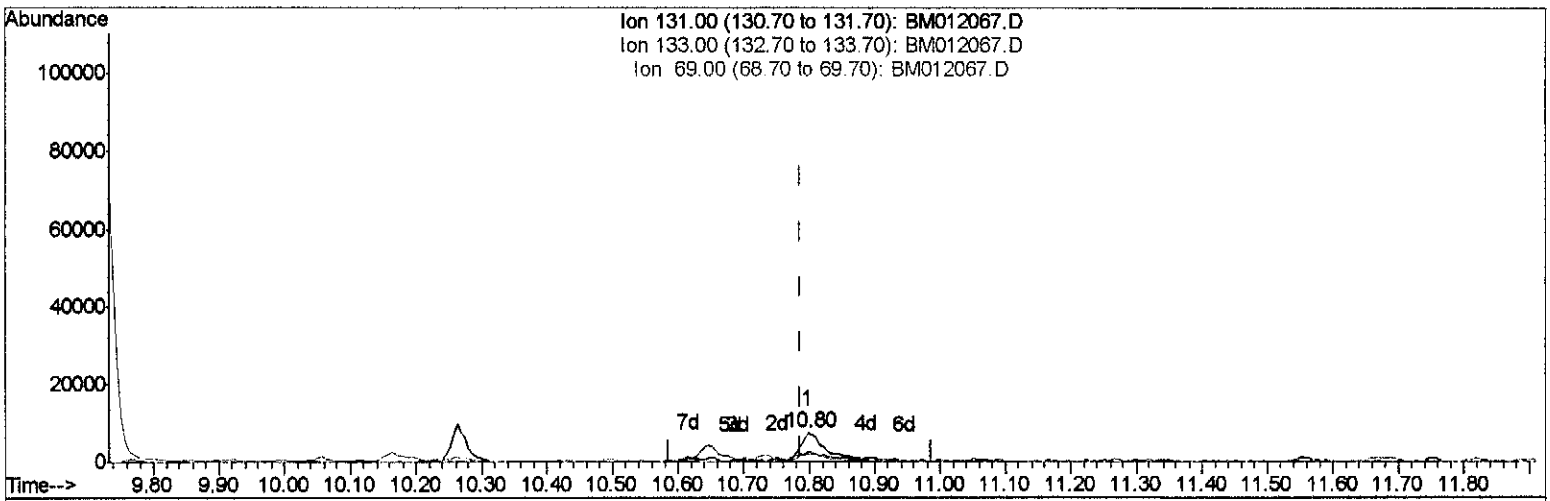
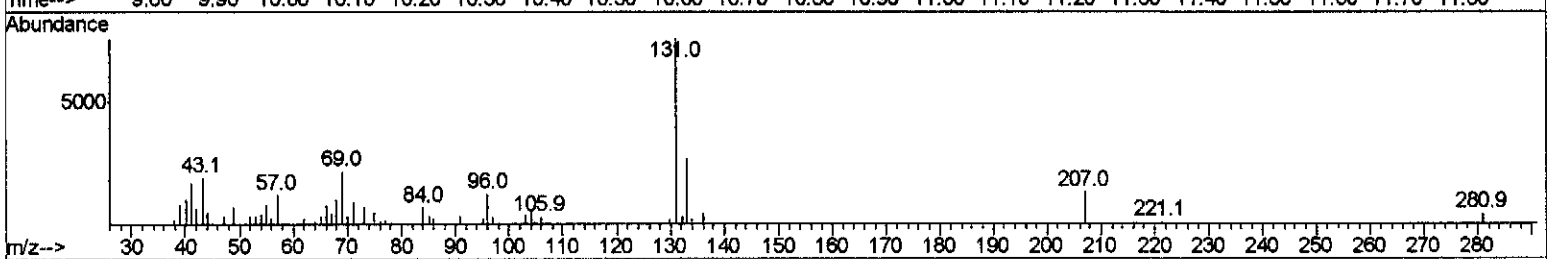
Misc :
ALS Vial : 28 Sample Multiplier: 1

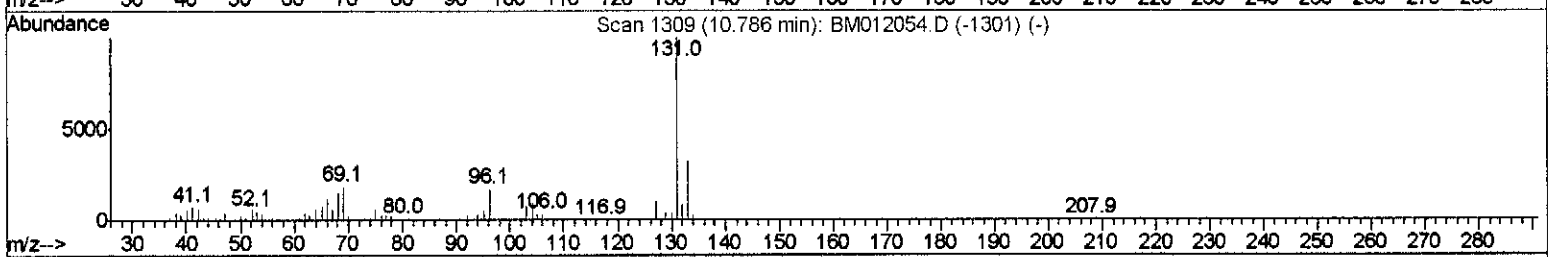
Quant Time: Oct 11 08:59:01 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM







TIC: BM012067.D

(29) 4-Chloroaniline-d4 (S)

10.798min (+0.012) 1.22ng/ul m > SJ 10/11/17

response 23756

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	37.70#
69.00	24.30	31.18#
0.00	0.00	0.00

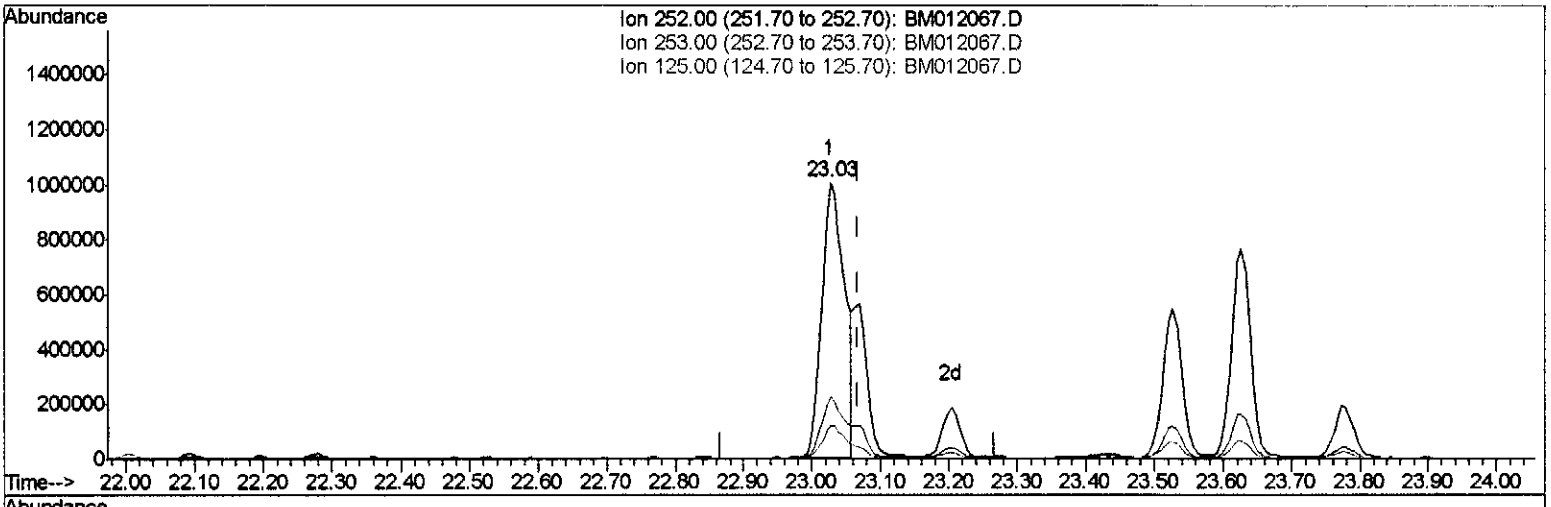
Quantitation Report (Qedit)

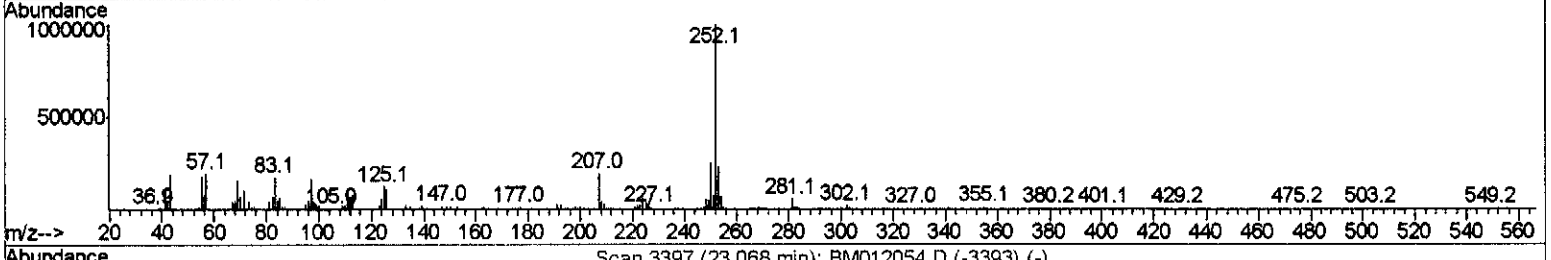
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012067.D
Acq On : 11 Oct 2017 06:16
Operator : SJ/JU
Sample : I5668-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

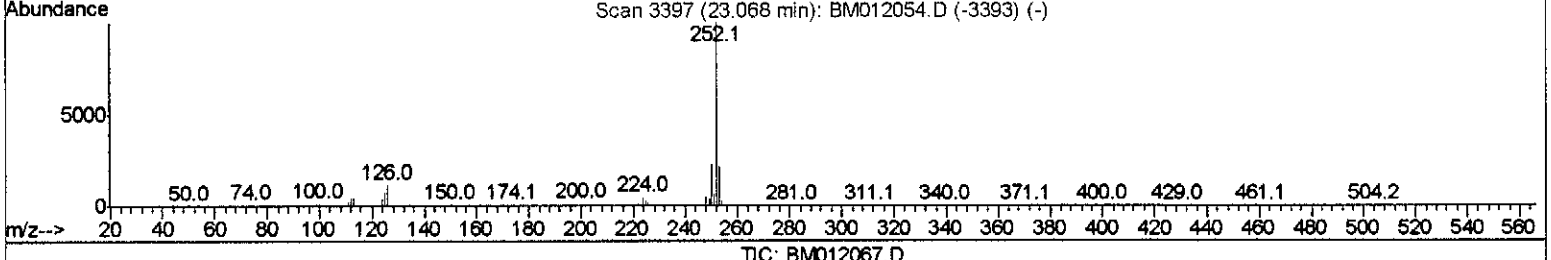
Quant Time: Oct 11 09:16:36 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 02:39:56 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM







TIC: BM012067.D

(86) Benzo(k)fluoranthene

23.027min (-0.041) 25.45ng/ul

response 2353772

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.55
125.00	4.30	12.28#
0.00	0.00	0.00

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Sample : I5668-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

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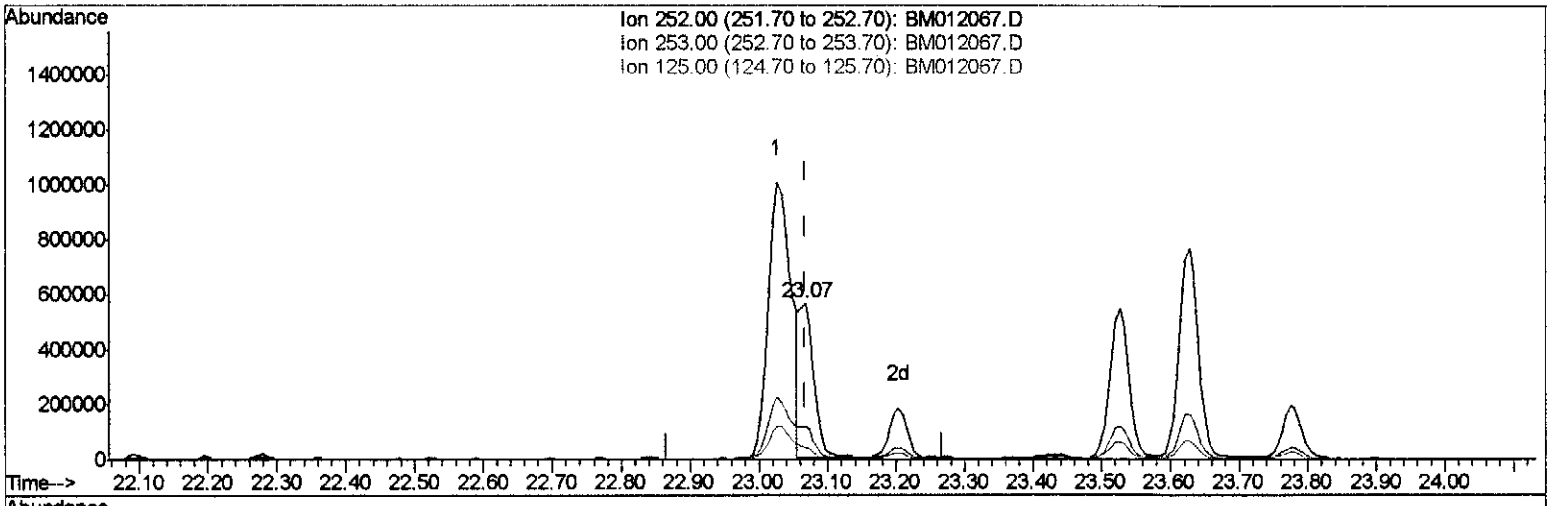
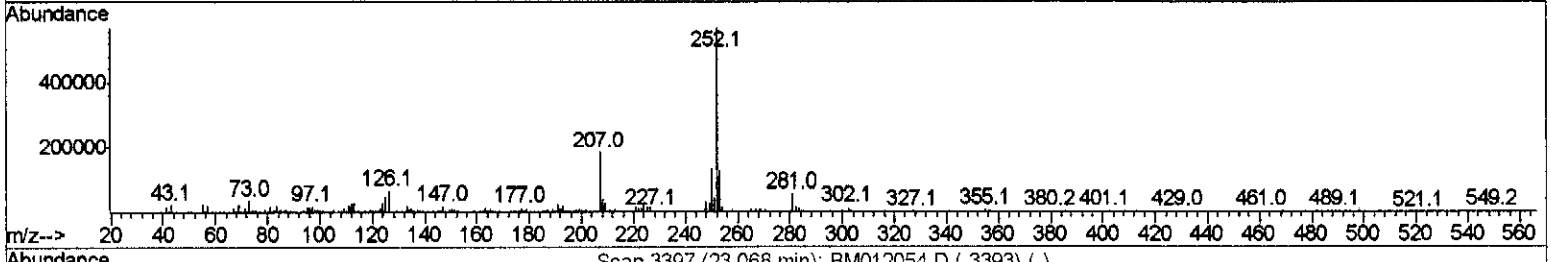
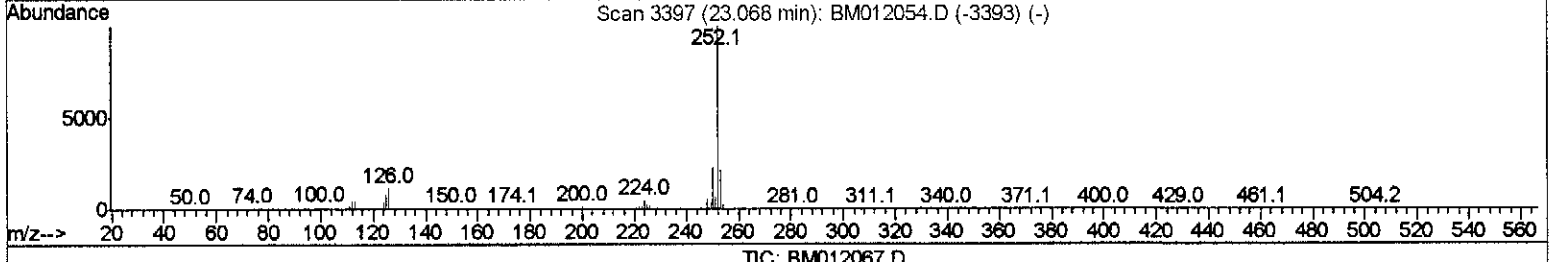
Instrument :
BNA_M
ClientSampleId :
CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM







TIC: BM012067.D

(86) Benzo(k)fluoranthene

23.068min (-0.000) 8.48ng/ul m SJ 10/14/17

response 784168

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.02
125.00	4.30	8.31#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
ClientSampleId : CB3F9

Manual Integrations APPROVED
Sohil
10/11/2017 7:29:54 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	254665	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1096647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	661358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1541282	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1798246	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1524049	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	20652	3.84	ng/uL	0.00
5) Phenol-d5	7.00	99	528831	24.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	356995	27.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	485116	27.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	490682	25.91	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	240590	30.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	229180	26.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	489310	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	23756m	1.22	ng/ul	0.01
43) Dimethylphthalate-d6	13.89	166	1399906	24.42	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2148982	31.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	62678	6.26	ng/ul	0.00
57) Fluorene-d10	15.48	176	1528896	30.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	80592	7.77	ng/ul	0.00
70) Anthracene-d10	17.33	188	2445337	32.20	ng/ul	0.00
76) Pyrene-d10	19.63	212	3069806	37.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2492130	33.99	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.99	77	14551m	1.333	ng/ul	
28) Naphthalene	10.69	128	83925	1.526	ng/ul	97
44) Dimethylphthalate	13.94	163	339677	6.160	ng/ul	99
49) Acenaphthene	14.55	153	106643	2.360	ng/ul	100
53) Dibenzofuran	14.89	168	107981	1.646	ng/ul	98
58) Fluorene	15.54	166	116134	2.120	ng/ul#	98
69) Phenanthrene	17.27	178	2221621	26.204	ng/ul	99
71) Anthracene	17.37	178	474863	5.505	ng/ul	99
72) Carbazole	17.64	167	161894	2.167	ng/ul	97
74) Fluoranthene	19.29	202	4176892	40.379	ng/ul#	91
77) Pyrene	19.66	202	3755712	37.667	ng/ul#	89
80) Benzo(a)anthracene	21.39	228	2267640	22.012	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.31	149	103640	1.784	ng/ul	96
82) Chrysene	21.44	228	2105434	21.510	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2353772	25.409	ng/ul#	96
86) Benzo(k)fluoranthene	23.07	252	784168m	8.479	ng/ul	
88) Benzo(a)pyrene	23.63	252	1482103	16.650	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	861374	9.043	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.09	278	242128	3.094	ng/ul#	88
91) Benzo(g,h,i)perylene	26.82	276	681683	8.651	ng/ul#	94

SJ 10/14/17

SJ 10/14/17

SJ 10/14/17

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