

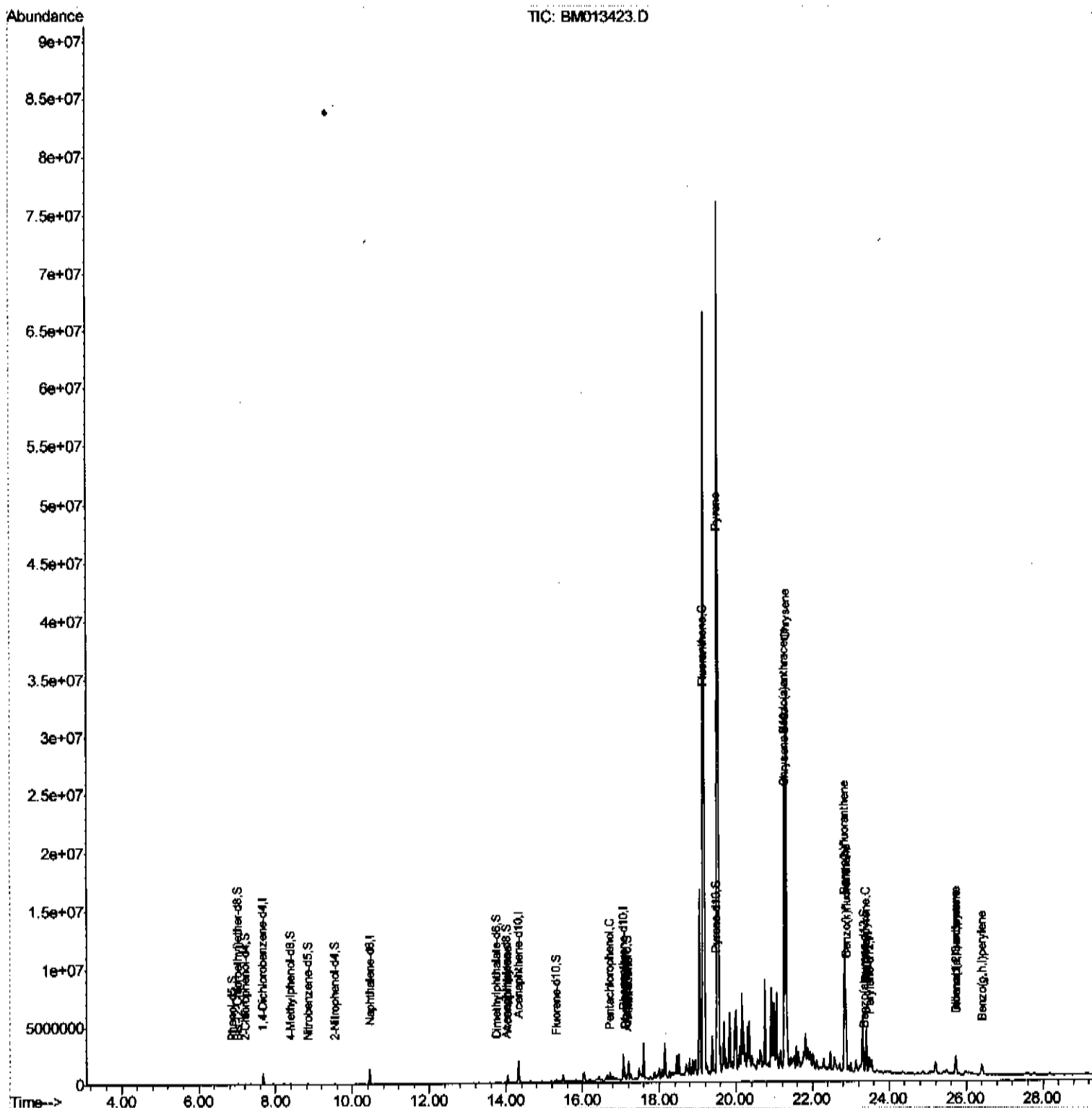
Quantitation Report (QT Reviewed)

ALS Vial : 21 Sample Multiplier: 1

F9A56

Sohil
12/18/2017 2:07:26 PM

Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

Quantitation Report (Qedit)

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

F9A56

Manual Integrations

APPROVED

Sohil

12/18/2017 2:07:26 PM

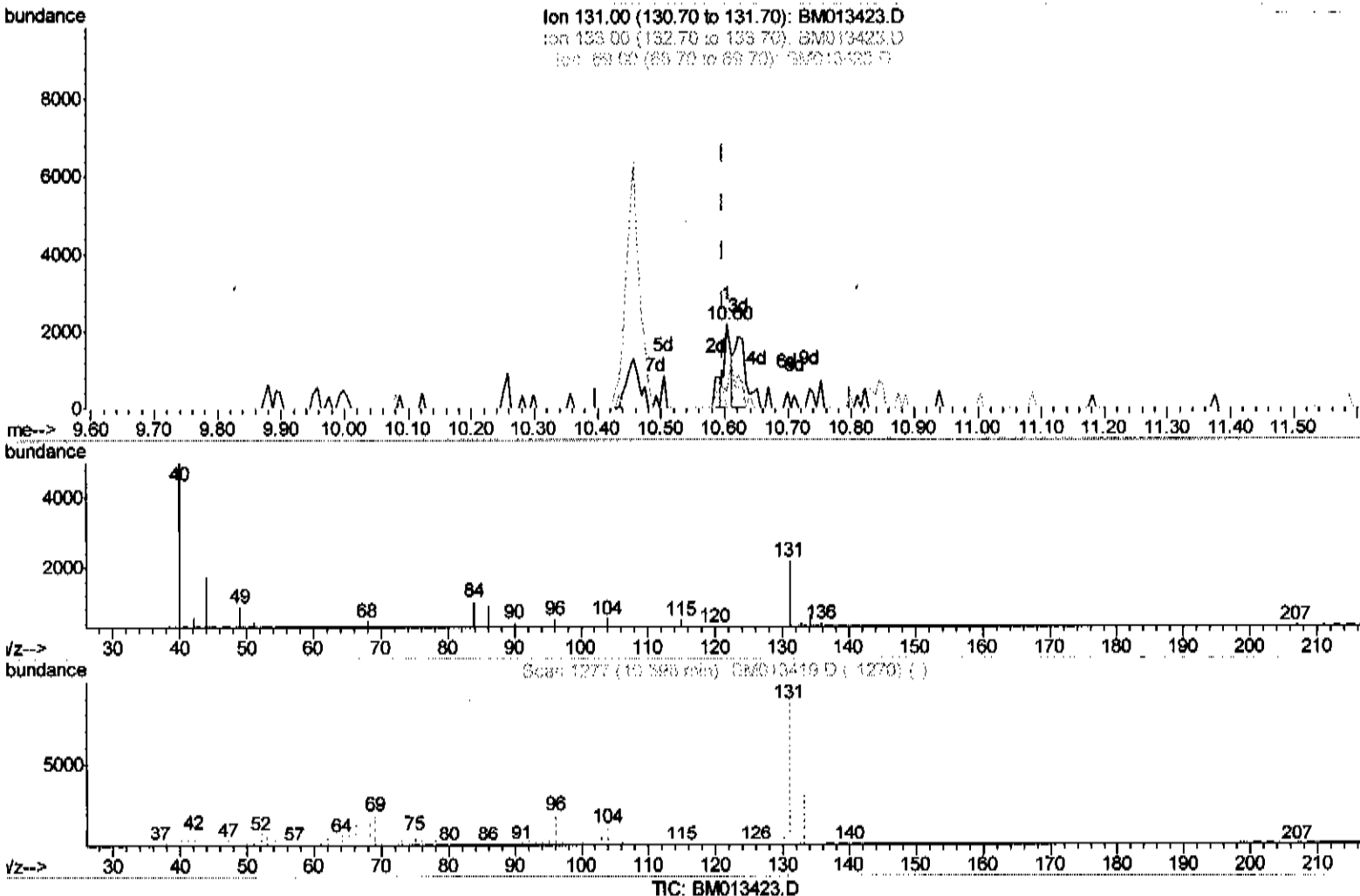
Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.604min (+0.006) 0.09ng/ul

response 1513

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	18.36#
69.00	24.30	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

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F9A56

Manual Integrations

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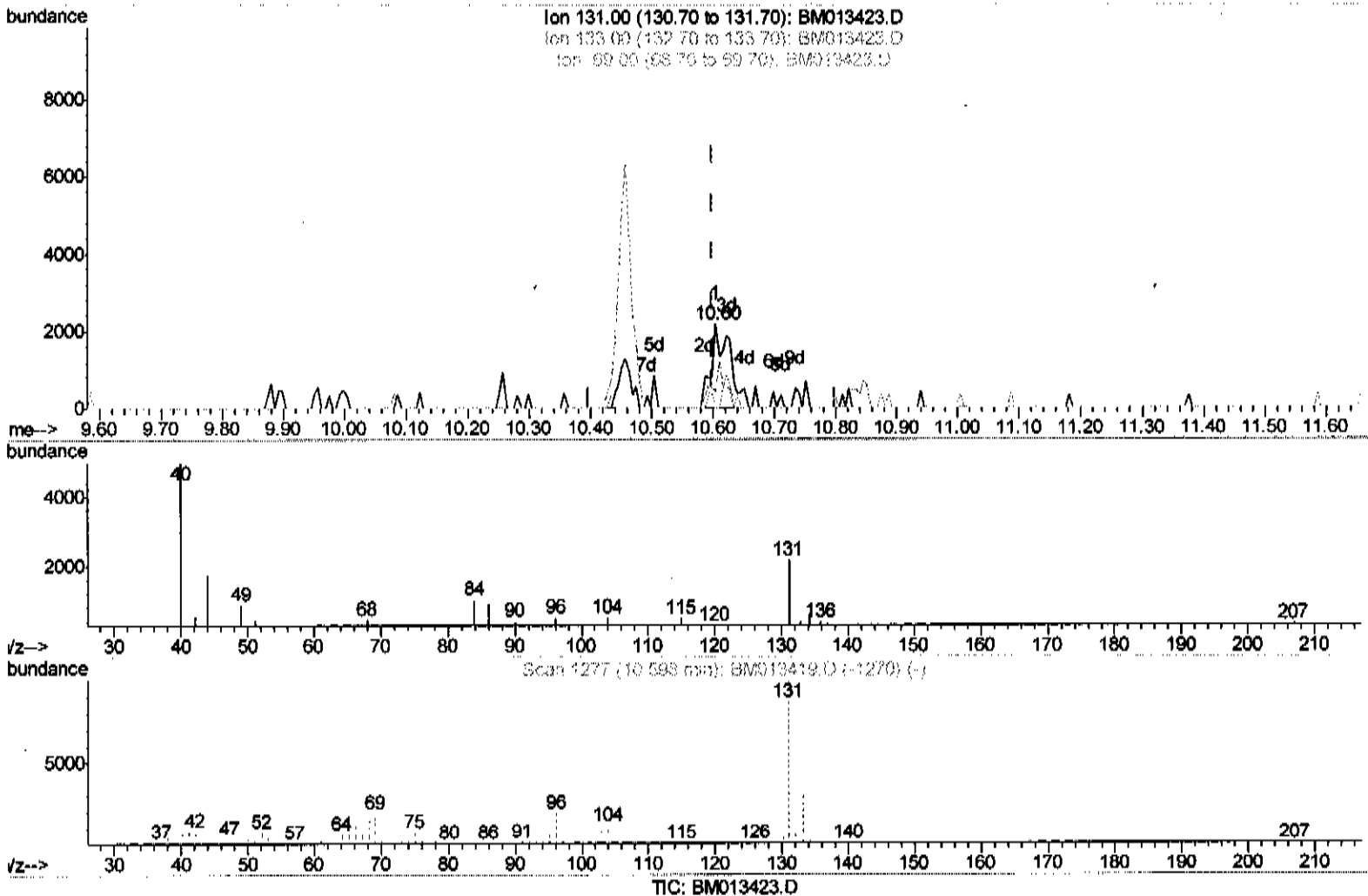
Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration



(29) 4-Chloroaniline-d4 (S)

10.604min (+0.006) 0.26ng/ul m

response 4528

Ion	Exp%	Act%
131.00	100	100
133.00	31.40	18.36#
69.00	24.30	0.00#
0.00	0.00	0.00

541218/12

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A56

Manual Integrations

APPROVED

Sohil

12/18/2017 2:07:26 PM

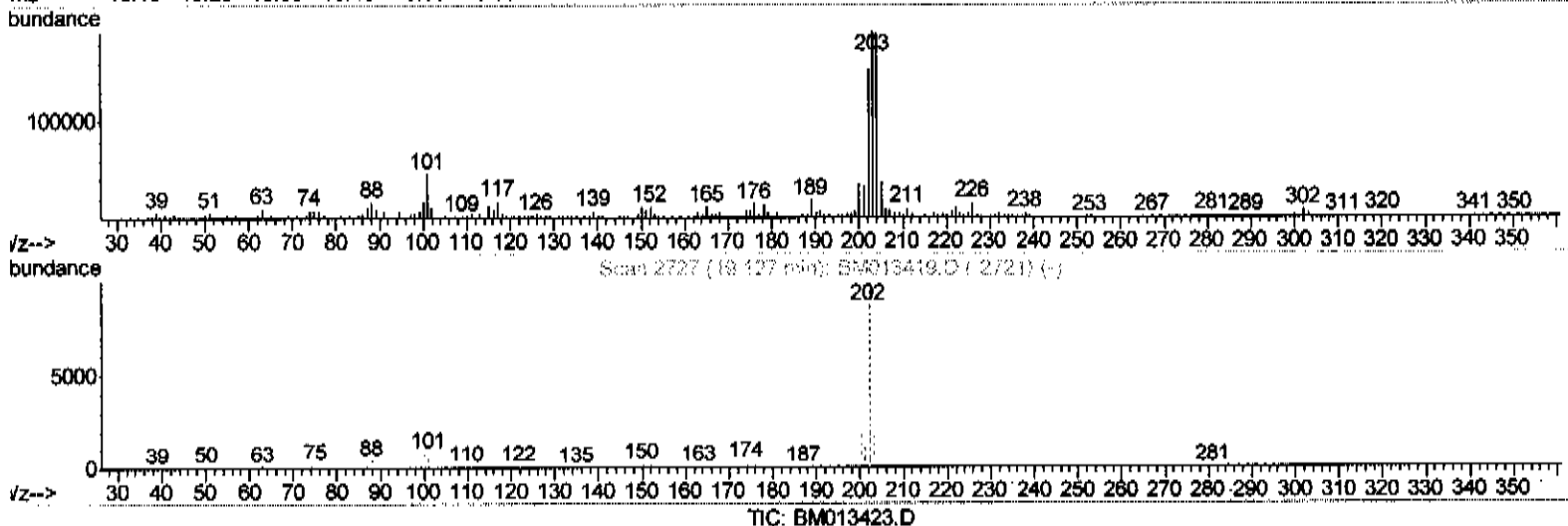
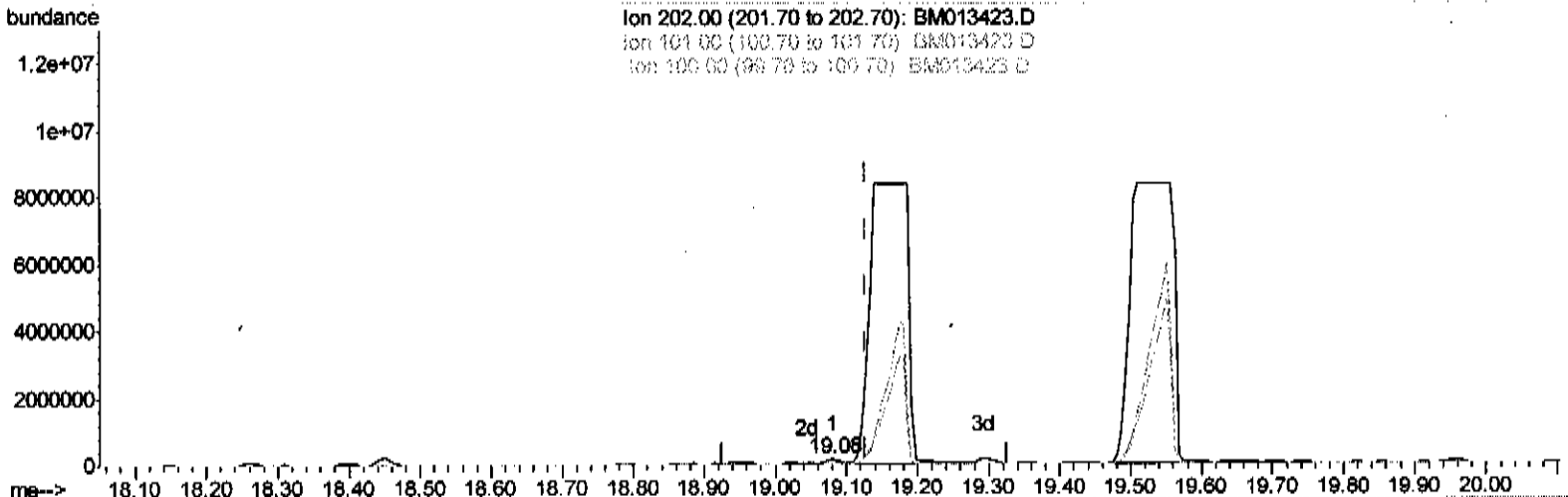
Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration



(74) Fluoranthene (C)

19.080min (-0.047) 2.08ng/ui

response 187132

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	29.86#
100.00	4.30	11.15#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

Quantitation Report (Qedit)

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampled :

F9A56

Manual Integrations

APPROVED

Sohil

12/18/2017 2:07:26 PM

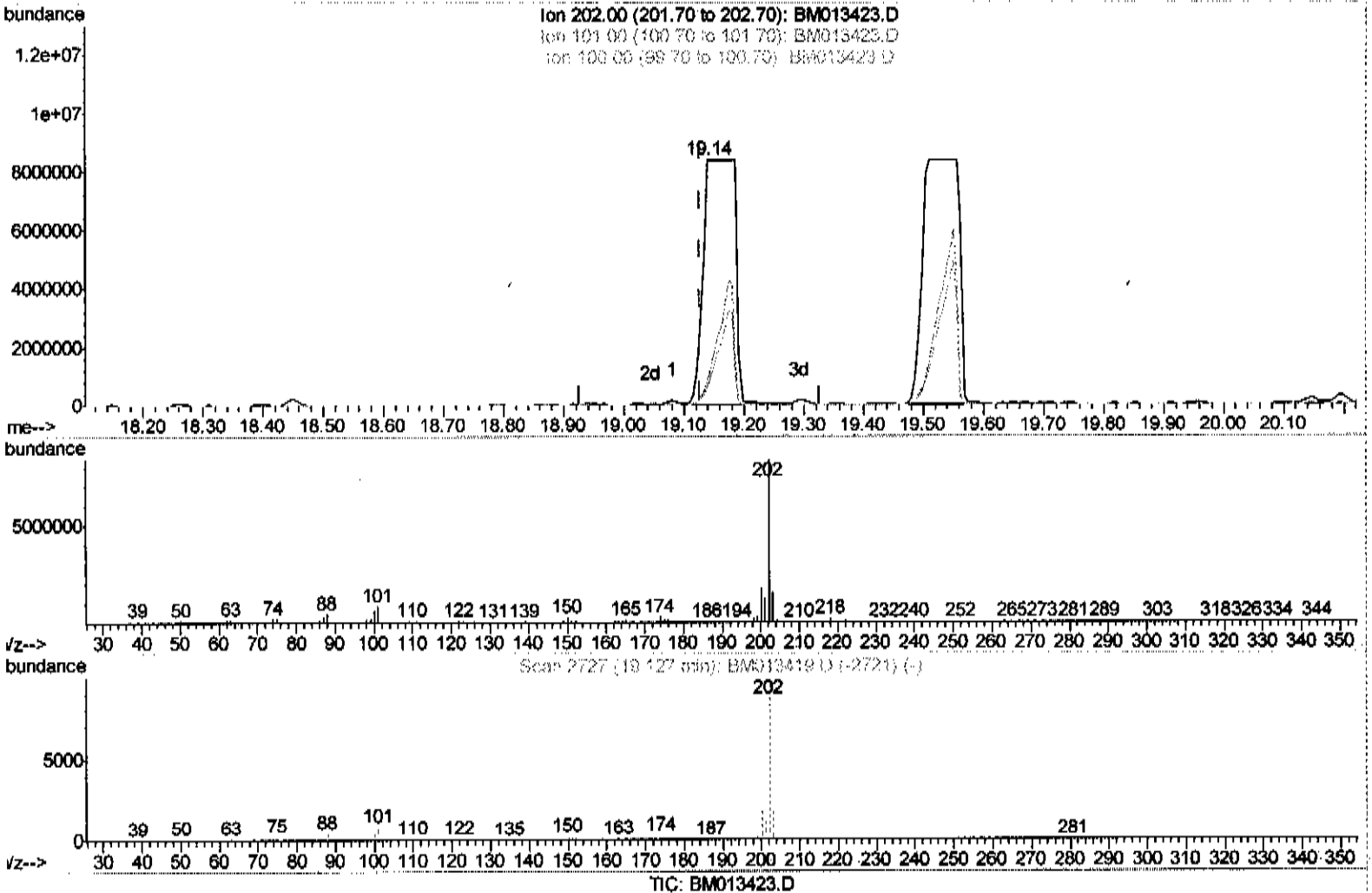
Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration



(74) Fluoranthene (C)

19.139min (+0.012) 341.17ng/ul m

response 30835012

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	10.15#
100.00	4.30	7.77#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

Quantitation Report (Qedit)

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A56

Manual Integrations

APPROVED

Sohil

12/18/2017 2:07:26 PM

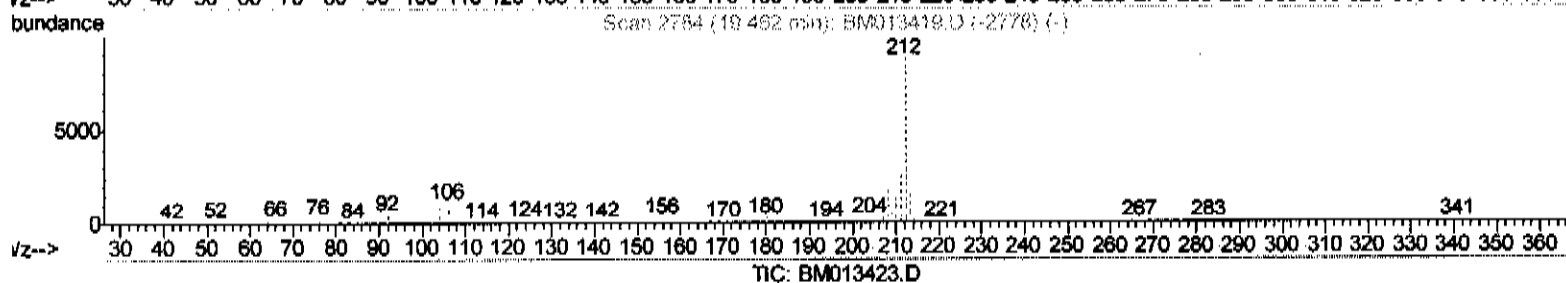
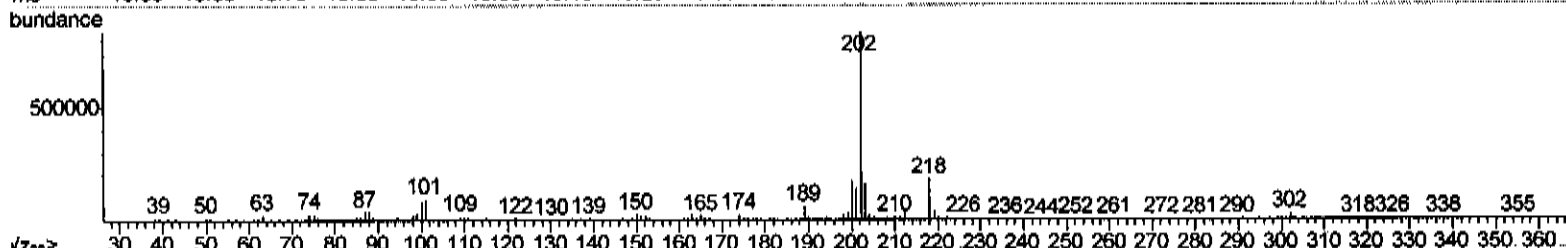
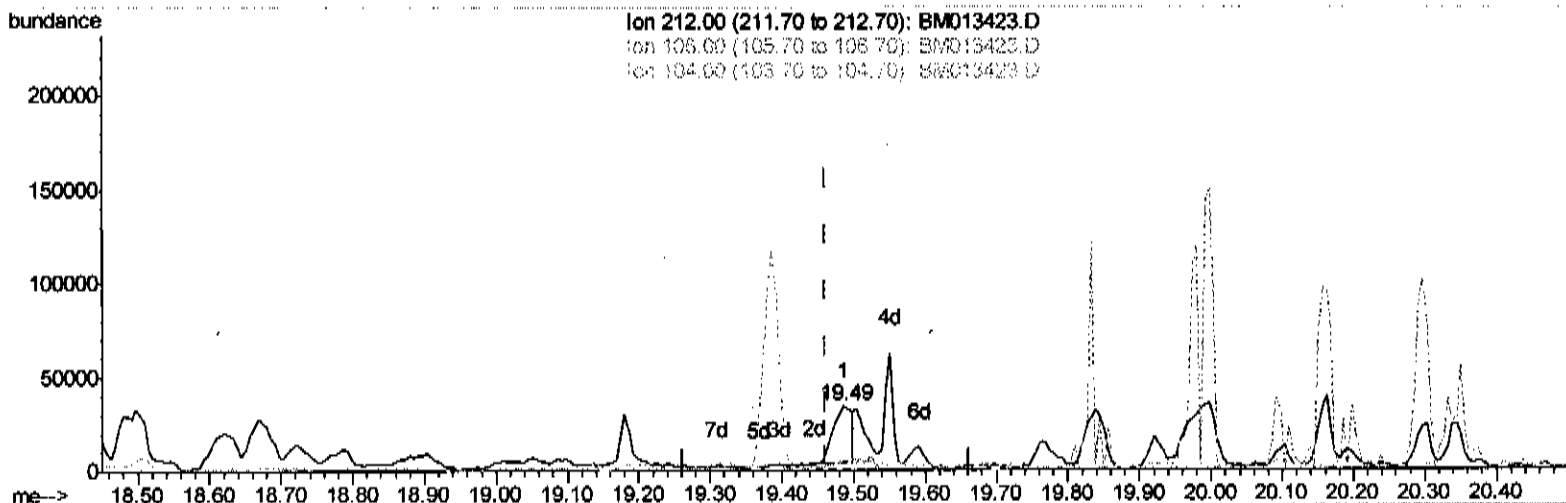
Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration



TIC: BM013423.D

(76) Pyrene-d10 (S)

19.486min (+0.024) 0.99ng/ul

response 56659

Ion	Exp%	Act%
212.00	100	100
106.00	7.60	15.19#
104.00	5.10	13.54#
0.00	0.00	0.00

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A56

Manual Integrations

APPROVED

Sohil

12/18/2017 2:07:26 PM

Quant Time: Dec 15 06:06:36 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

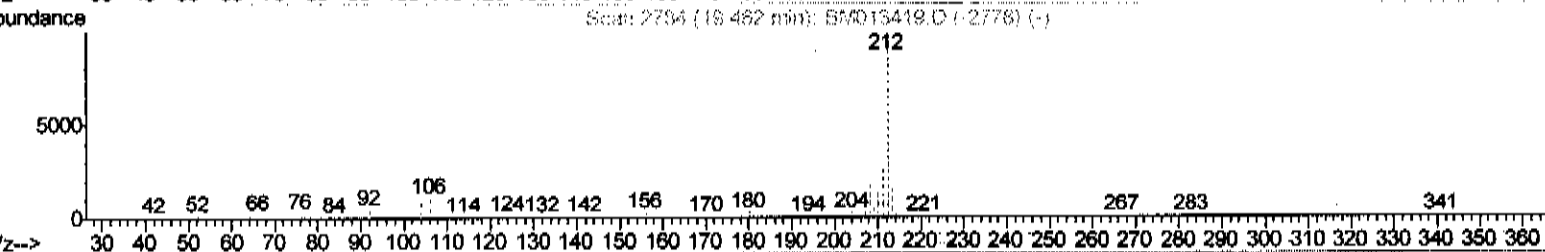
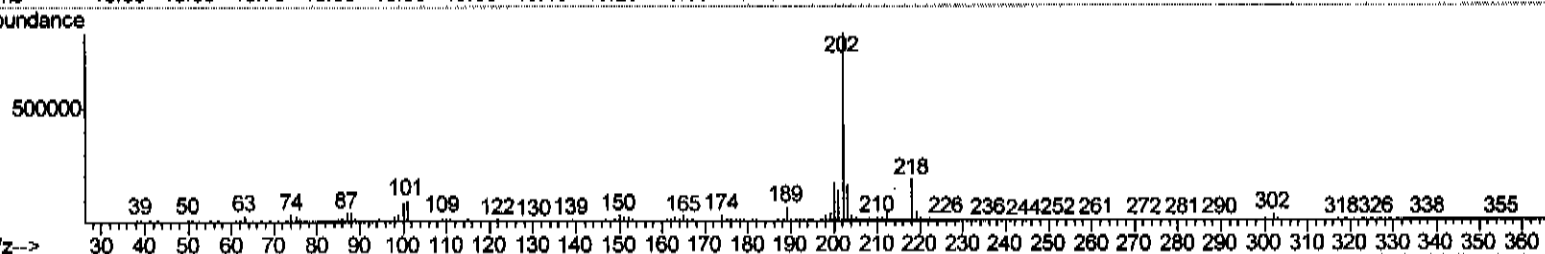
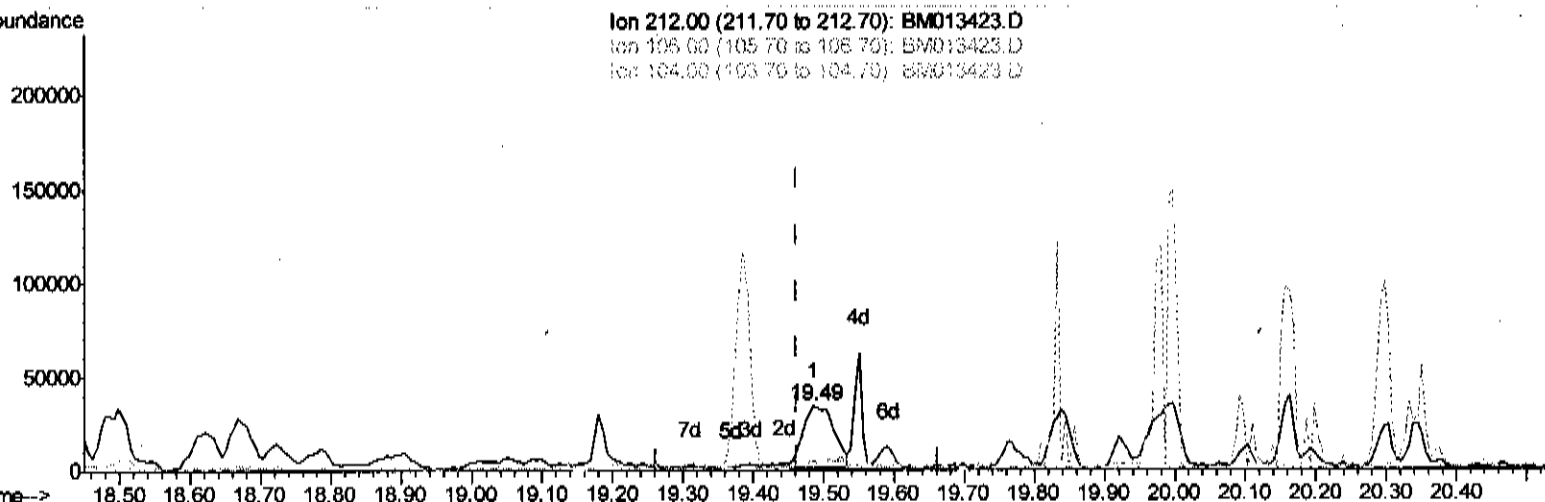
QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration

Ion 212.00 (211.70 to 212.70): BM013423.D

Ion 106.00 (105.70 to 106.70): BM013423.D

Ion 104.00 (103.70 to 104.70): BM013423.D



TIC: BM013423.D

(76) Pyrene-d10 (S)

19.486min (+0.024) 1.73ng/ul m

response 99761

Ion	Exp%	Act%
212.00	100	100
106.00	7.60	15.19#
104.00	5.10	13.54#
0.00	0.00	0.00

JU 12/18/17

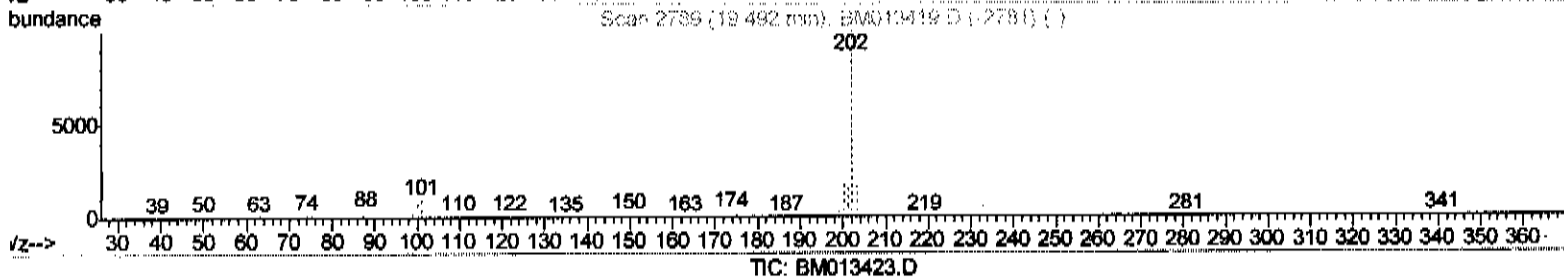
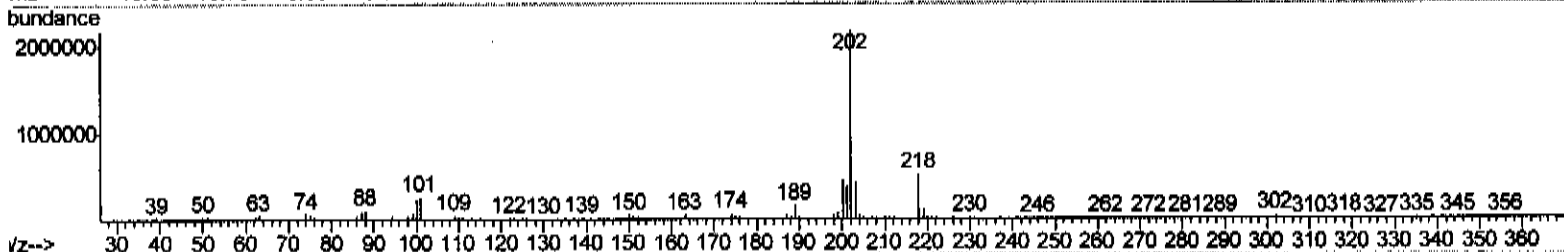
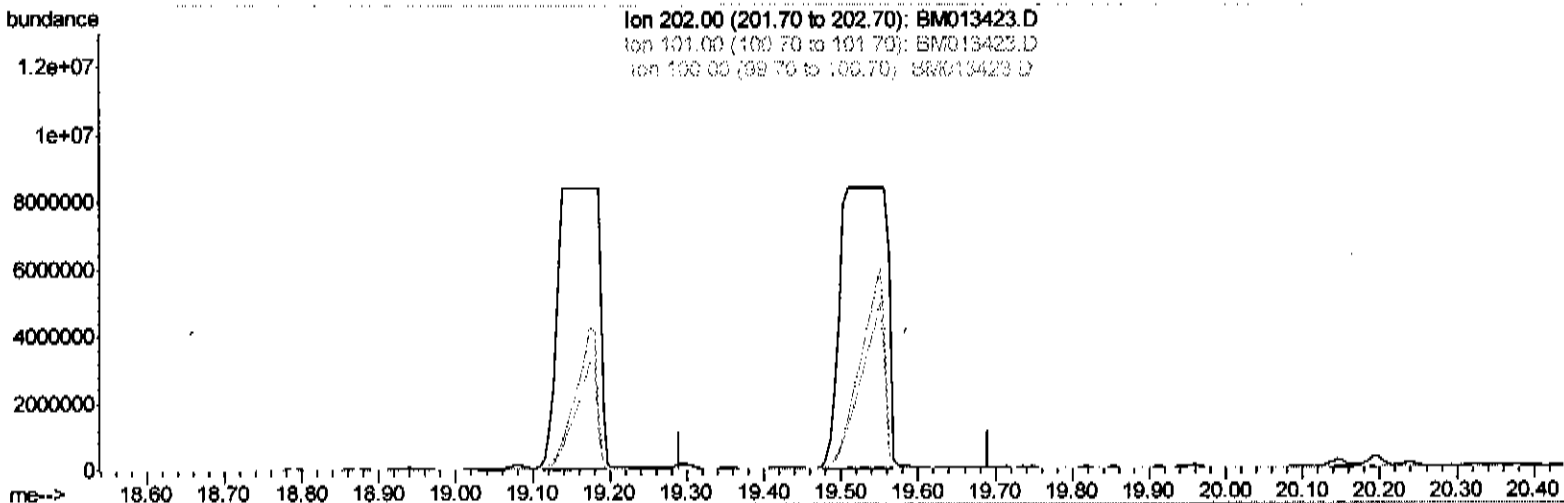
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A56

Manual Integrations
APPROVED

Sohil
12/18/2017 2:07:26 PM

Quant Time: Dec 15 06:06:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration



(77) Pyrene

19.492min (-19.492) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	6.40	0.00#
100.00	6.10	0.00#
0.00	0.00	0.00

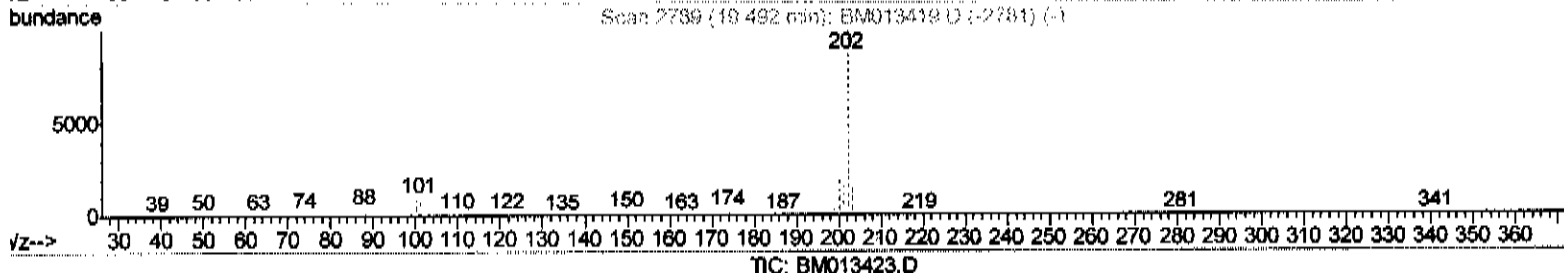
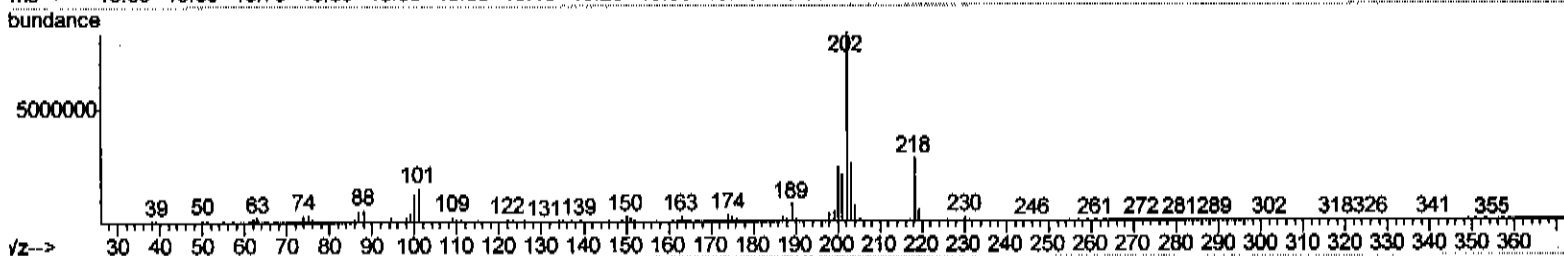
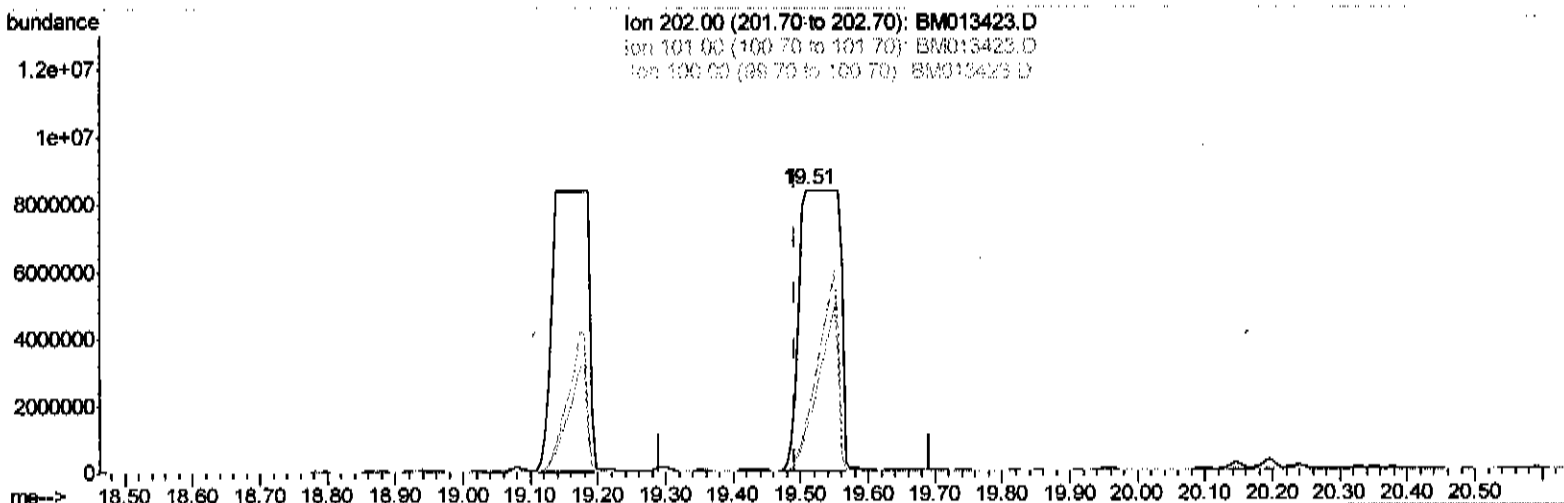
Data File : BM013423.D
Acq On : 15 Dec 2017 04:14
Operator : SJ/JU
Sample : I6776-04 30X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
F9A56

Manual Integrations
APPROVED

Sohil
12/18/2017 2:07:26 PM

Quant Time: Dec 15 06:06:36 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration



(77) Pyrene

19.509min (+0.018) 493.71ng/ul m

response 34752068

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	17.92#
100.00	6.10	14.41#
0.00	0.00	0.00

Data File : BM013423.D

Acq On : 15 Dec 2017 04:14

Operator : SJ/JU

Sample : I6776-04 30X

Misc :

ALS Vial : 21 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F9A56

Manual Integrations
APPROVED

Sohil

12/18/2017 2:07:26 PM

Quant Time: Dec 15 07:30:19 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 05:52:21 2017

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	244757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1067302	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	609300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1289755	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1158616	20.00	ng/ul	0.01
83) Perylene-d12	23.49	264	907707	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.86	99	23394	1.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	12761	1.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	17880	1.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	19112	1.06	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	9951	1.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	10724	1.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	18218	0.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	4528m	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	69814	1.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	89320	1.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	7417	0.79	ng/ul	0.00
57) Fluorene-d10	15.32	176	62101	1.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	5716	0.70	ng/ul	0.00
70) Anthracene-d10	17.16	188	99988	1.55	ng/ul	0.00
76) Pyrene-d10	19.49	212	99761m	1.73	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.34	264	61034	1.32	ng/ul	0.00

Target Compounds

						Qvalue
47) Acenaphthylene	14.04	152	501891	8.11	ng/ul	98
68) Pentachlorophenol	16.72	266	84172	8.70	ng/ul	97
69) Phenanthrene	17.11	178	410947	5.61	ng/ul	99
71) Anthracene	17.20	178	1019918	13.62	ng/ul	99
74) Fluoranthene	19.14	202	30635012m	341.17	ng/ul	
77) Pyrene	19.51	202	34752068m	493.71	ng/ul	
80) Benzo(a)anthracene	21.26	228	13726808	186.73	ng/ul#	88
82) Chrysene	21.32	228	16092111	235.95	ng/ul#	85
85) Benzo(b)fluoranthene	22.84	252	9356038	152.90	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	3153066	54.76	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	2801714	50.97	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	1461298	26.79	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.72	278	419838	9.04	ng/ul#	96
91) Benzo(g,h,i)perylene	26.40	276	1076177	25.02	ng/ul#	95

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