

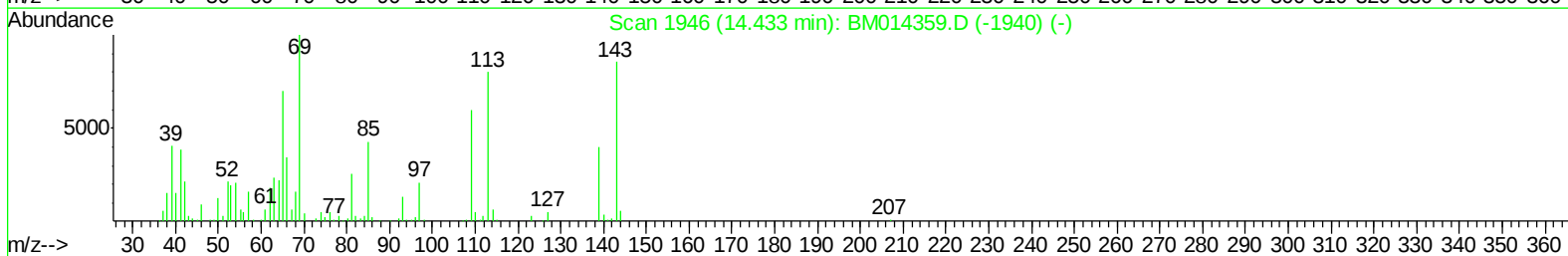
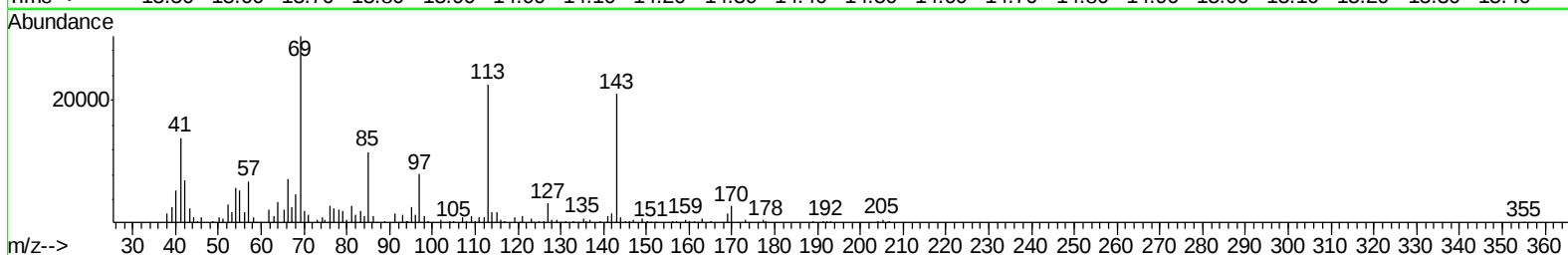
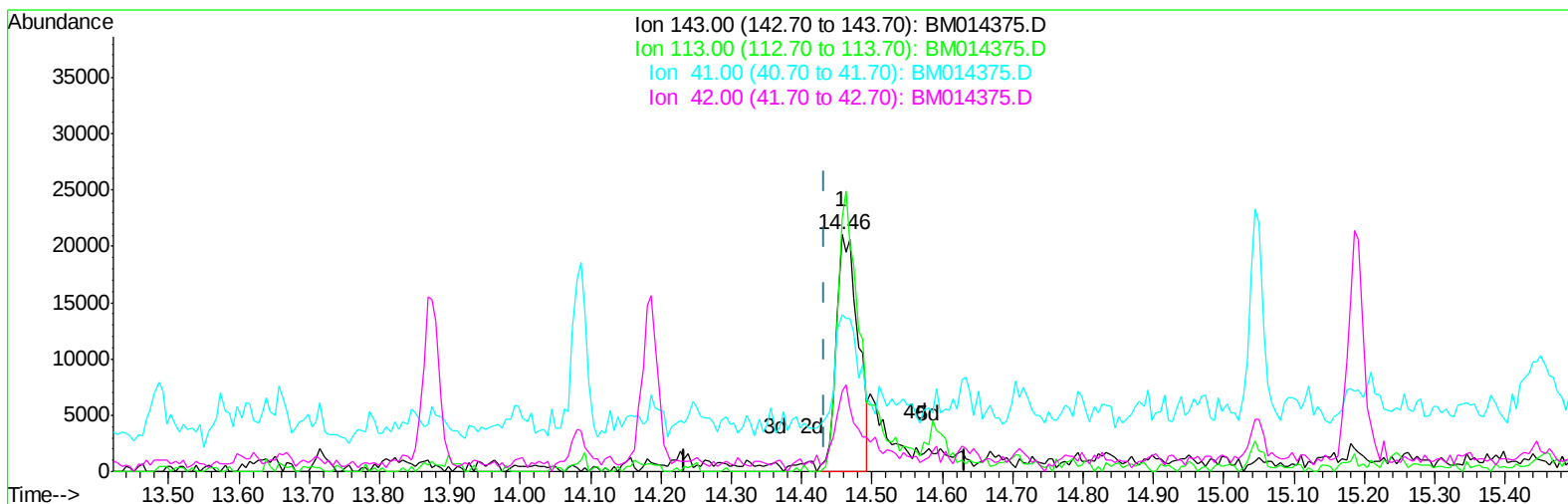
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Quant Time: Feb 27 03:27:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM



TIC: BM014375.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.023) 9.56ng/ul

response 45323

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	107.23
41.00	34.80	66.16#
42.00	20.50	33.80#

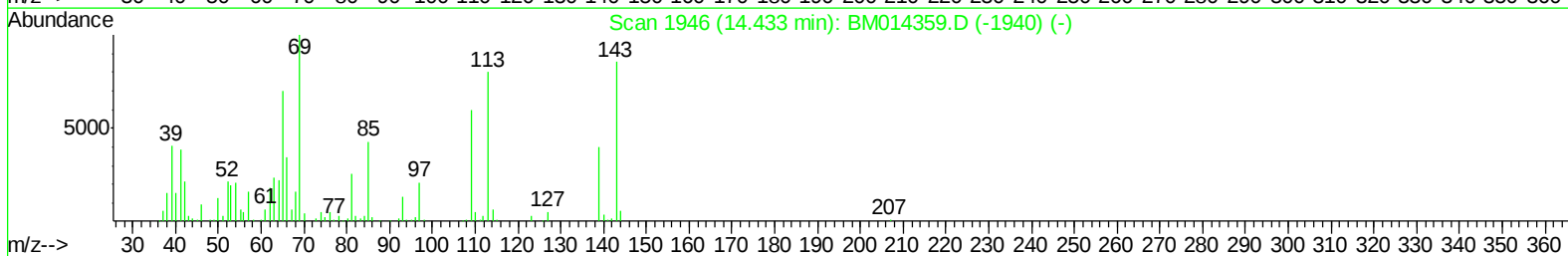
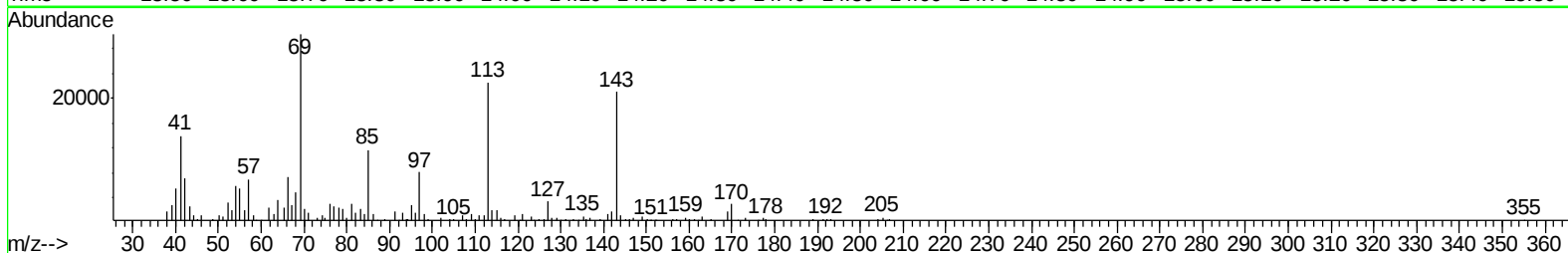
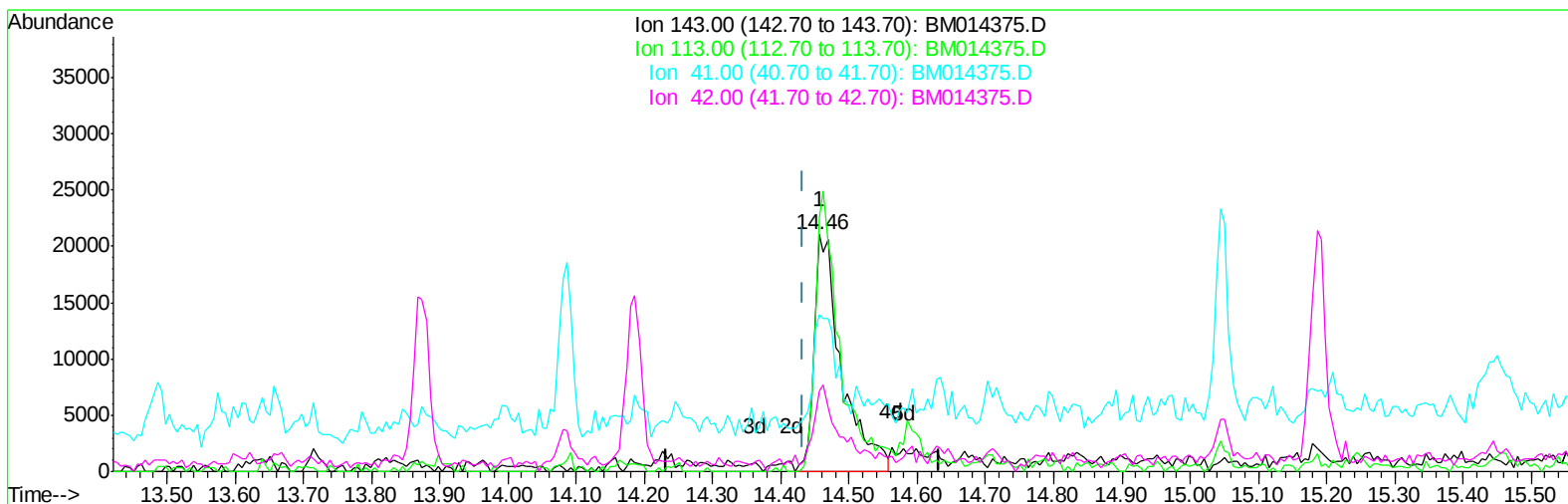
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Quant Time: Feb 27 03:27:55 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
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Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM



TIC: BM014375.D

(51) 4-Nitrophenol-d4 (S)

14.457min (+0.023) 12.31ng/ul m

response 58400

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	107.23
41.00	34.80	66.16#
42.00	20.50	33.80#

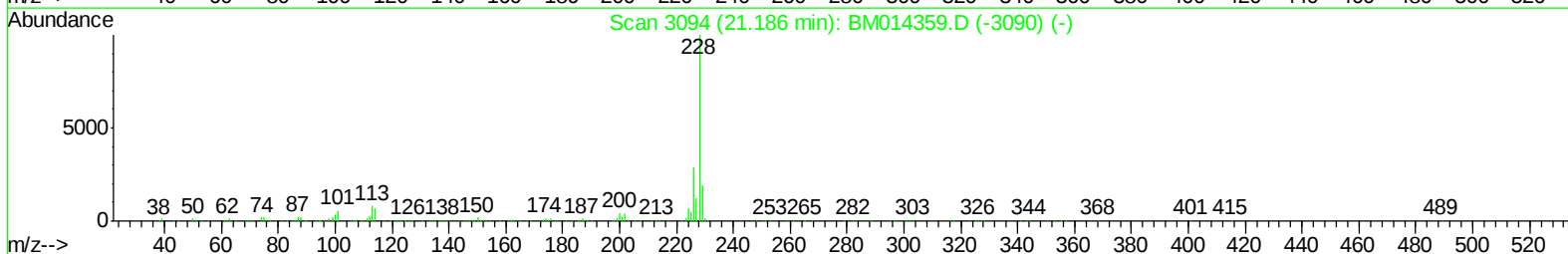
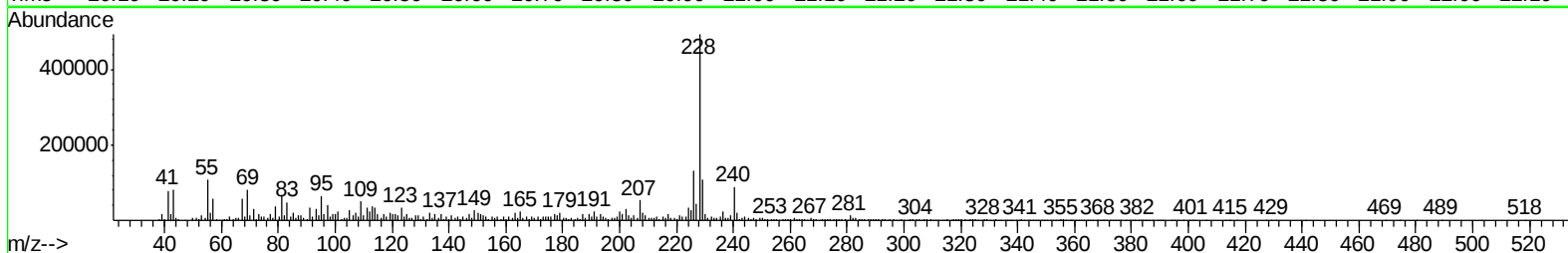
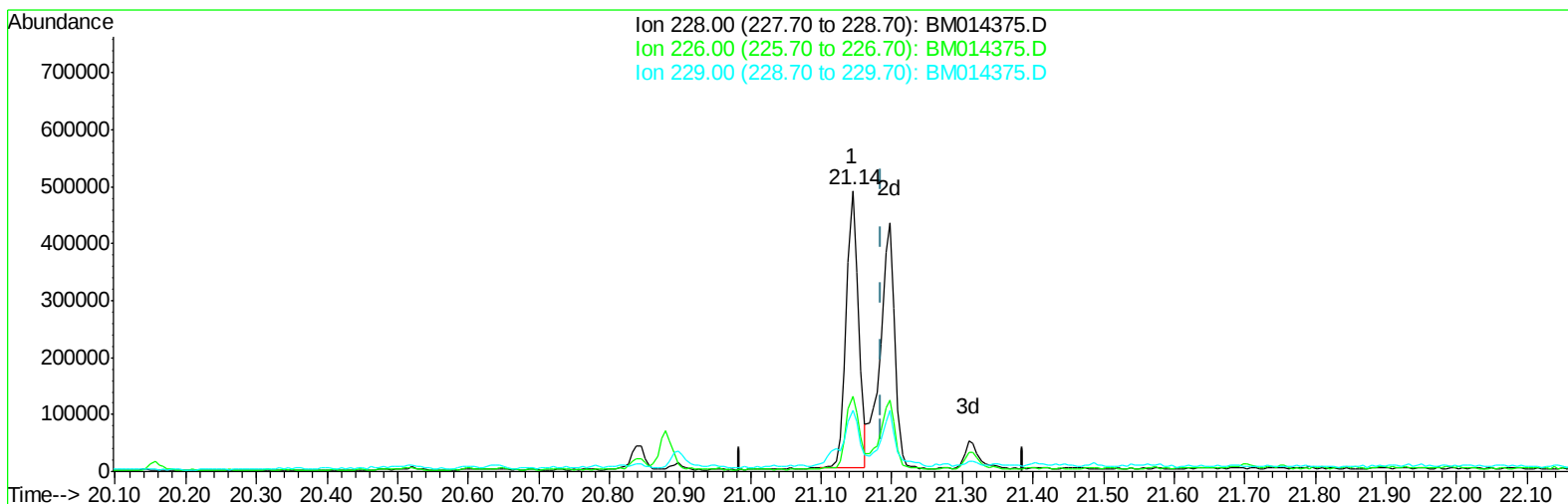
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Manual Integrations
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Sohil
2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:03:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014375.D

(82) Chrysene

21.144min (-0.041) 18.17ng/ul

response 595598

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	26.67
229.00	19.40	21.88
0.00	0.00	0.00

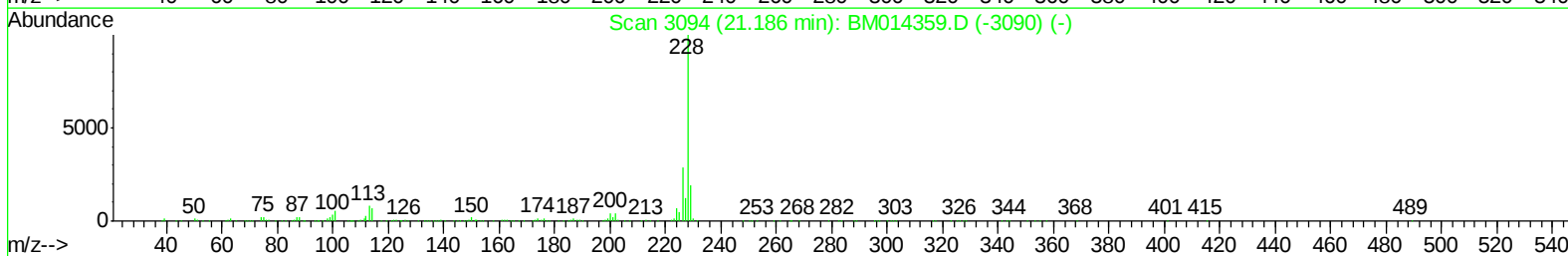
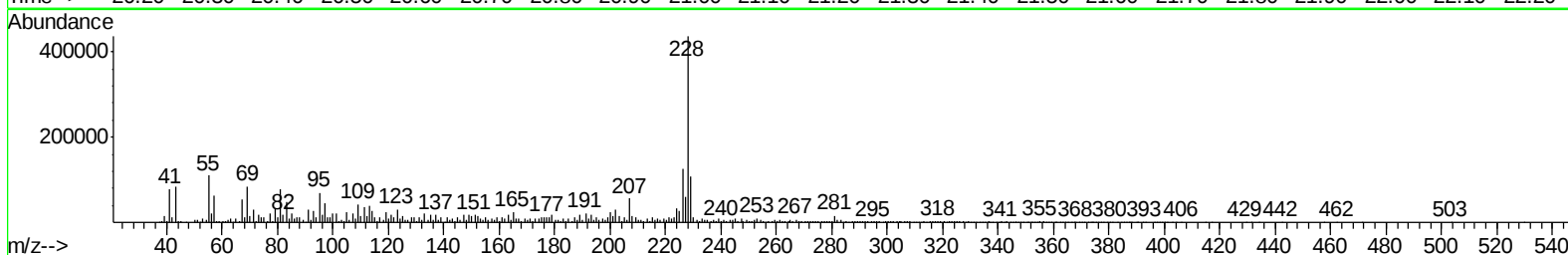
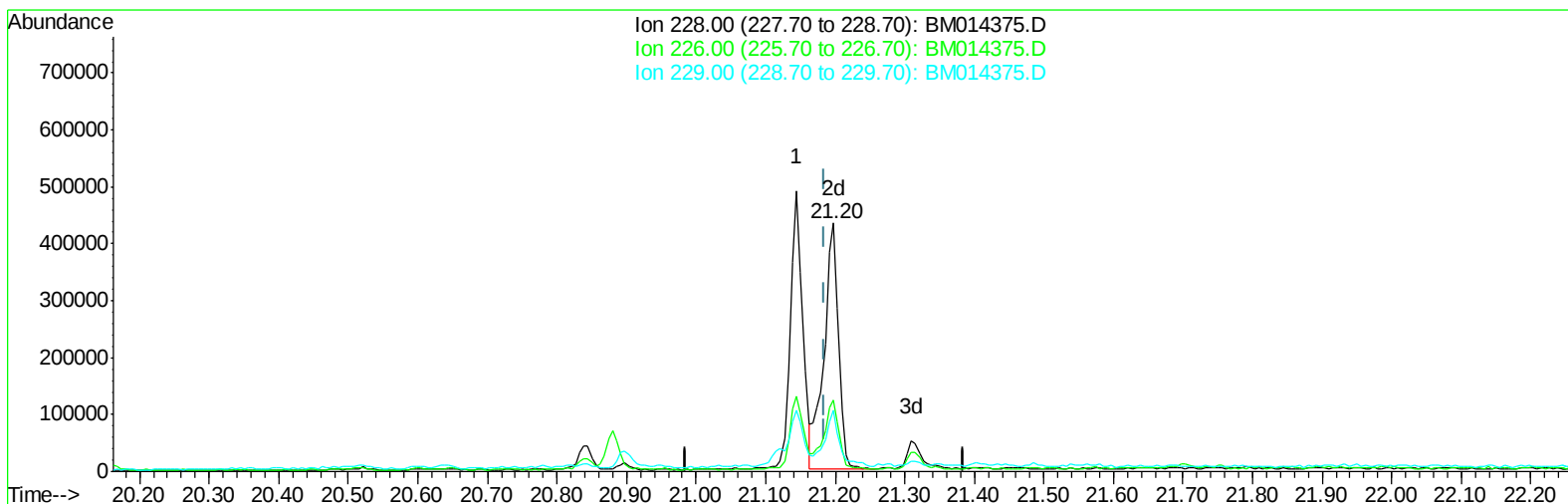
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:03:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014375.D

(82) Chrysene

21.197min (+0.012) 19.27ng/ul m

response 631455

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.54
229.00	19.40	24.84#
0.00	0.00	0.00

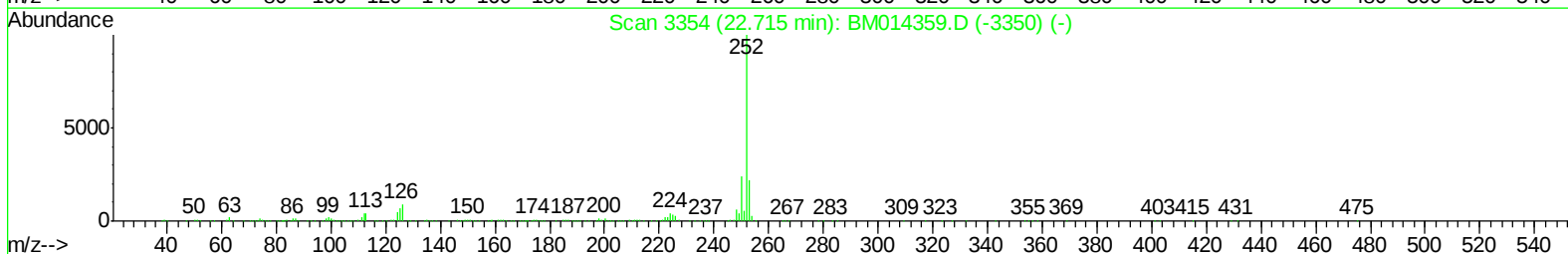
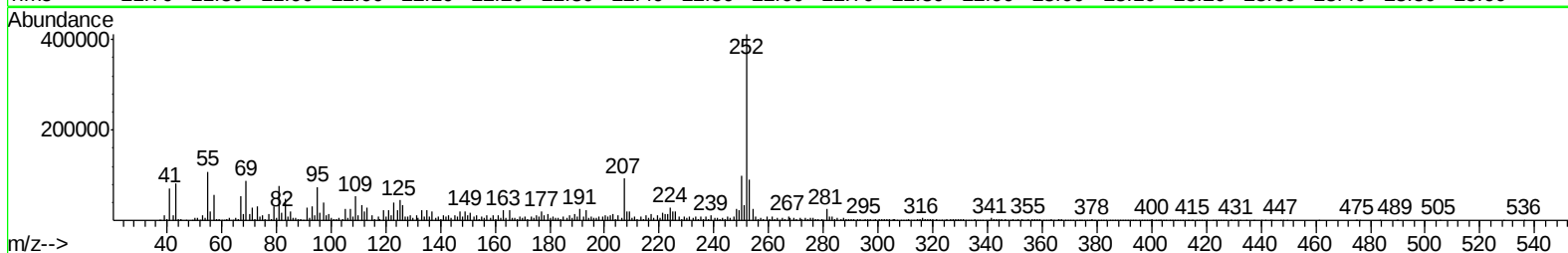
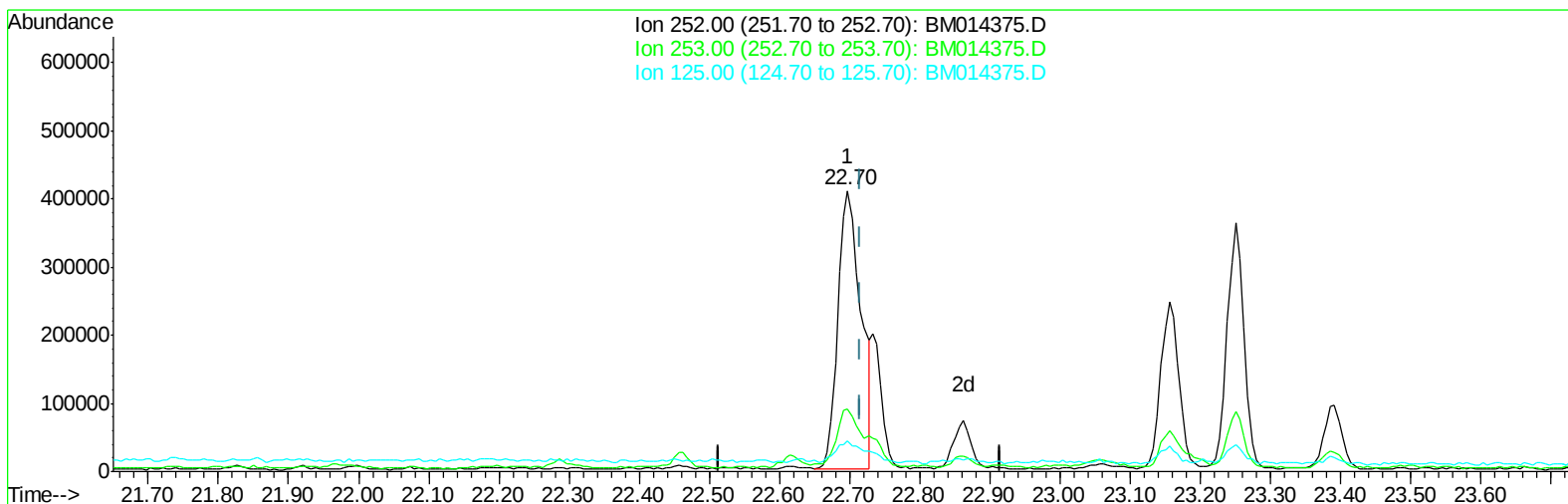
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:03:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014375.D

(86) Benzo(k)fluoranthene

22.697min (-0.018) 27.69ng/ul

response 918299

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.33
125.00	4.30	10.86#
0.00	0.00	0.00

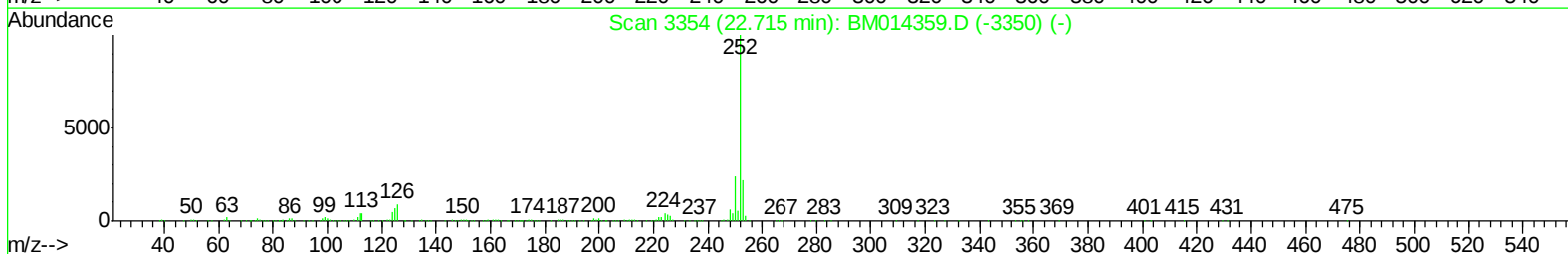
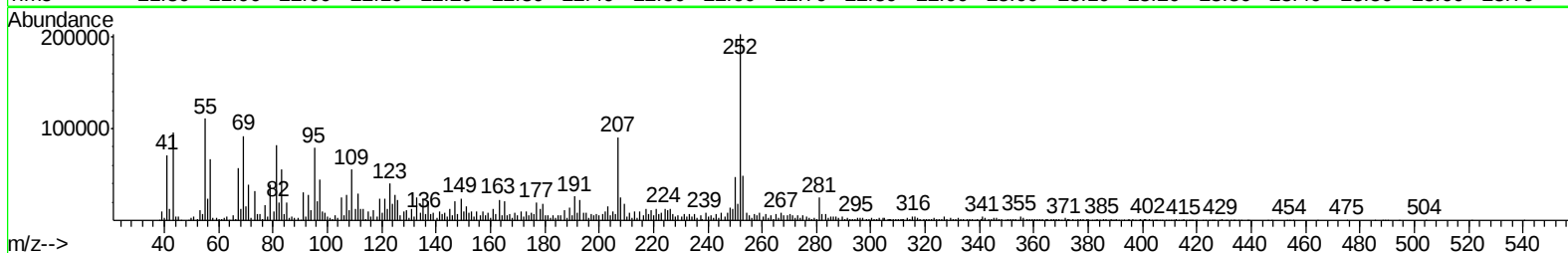
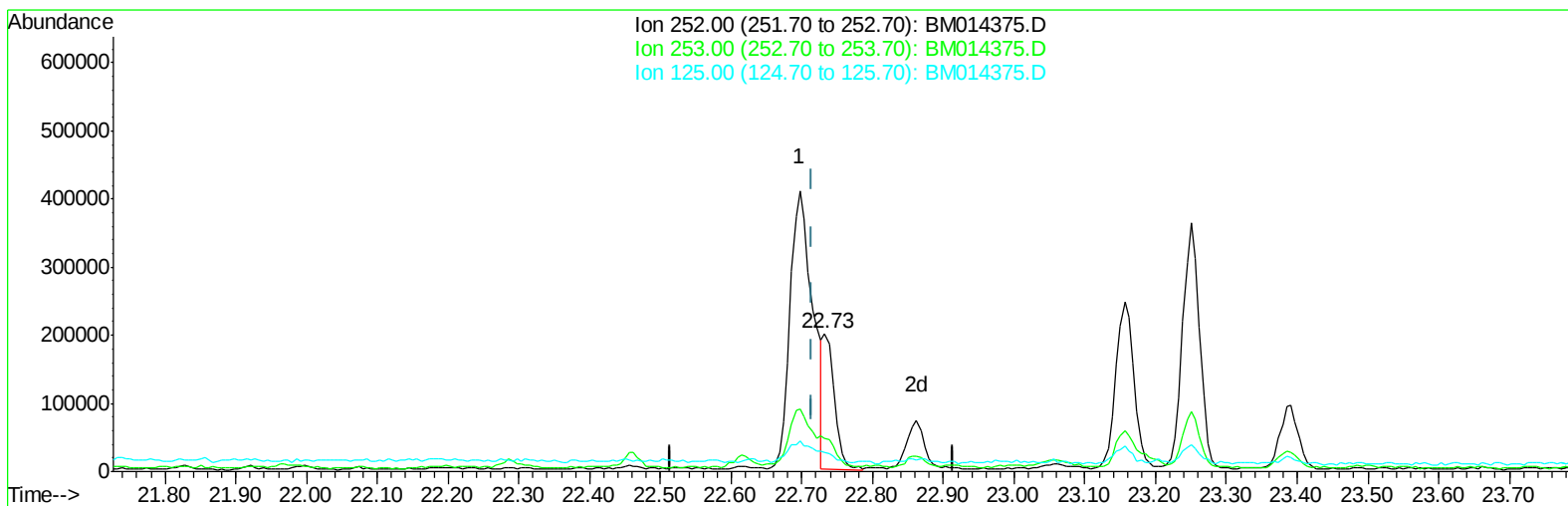
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014375.D
Acq On : 27 Feb 2018 02:23
Operator : SJ/JU
Sample : J1646-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y1

Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:03:16 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 03:22:24 2018
Response via : Initial Calibration



TIC: BM014375.D

(86) Benzo(k)fluoranthene

22.733min (+0.018) 6.56ng/ul m

response 217469

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.36
125.00	4.30	13.75#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014375.D
 Acq On : 27 Feb 2018 02:23
 Operator : SJ/JU
 Sample : J1646-17
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5Y1

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:05:15 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	170768	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	755724	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	415914	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	788875	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	562865	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	520986	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11960	3.00	ng/uL	0.00
5) Phenol-d5	6.73	99	294018	20.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	185771	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	251598	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	263241	20.84	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	131230	23.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	143085	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	260092	21.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	216585	18.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.61	166	872528	25.40	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1105853	26.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58400m	12.31	ng/ul	0.02
57) Fluorene-d10	15.19	176	735340	23.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11338	2.40	ng/ul	0.02
70) Anthracene-d10	17.04	188	1001995	26.33	ng/ul	0.00
76) Pyrene-d10	19.36	212	865856	29.83	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	649321	25.61	ng/ul	0.03

Target Compounds

					Ovalue	
4) Benzaldehyde	6.69	77	26074	4.431	ng/ul#	81
6) Phenol	6.75	94	52632	3.475	ng/ul	94
16) 4-Methylphenol	8.31	108	73890	5.853	ng/ul	86
28) Naphthalene	10.35	128	203003	5.230	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	104177	3.526	ng/ul	100
44) Dimethylphthalate	13.65	163	201366	5.945	ng/ul	98
56) Diethylphthalate	15.03	149	110385	2.925	ng/ul	96
58) Fluorene	15.24	166	47182	1.293	ng/ul	98
69) Phenanthrene	16.99	178	690853	15.200	ng/ul	99
71) Anthracene	17.08	178	168273	3.681	ng/ul	97
72) Carbazole	17.36	167	58524	1.523	ng/ul#	88
74) Fluoranthene	19.02	202	1199835	22.095	ng/ul#	93
77) Pyrene	19.39	202	1082852	28.948	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	595598	16.955	ng/ul	97
82) Chrysene	21.20	228	631455m	19.269	ng/ul	
85) Benzo(b)fluoranthene	22.70	252	918299	26.324	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	217469m	6.557	ng/ul	
88) Benzo(a)pyrene	23.25	252	605737	19.432	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.51	276	424291	14.027	ng/ul	98
90) Dibenzo(a,h)anthracene	25.50	278	112172	4.463	ng/ul#	71
91) Benzo(a,h,i)perylene	26.18	276	386344	15.766	ng/ul#	93

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Manual Integrations
APPROVED

Sohil
2/27/2018 4:58:53 PM

Quant Time: Feb 27 07:05:15 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
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