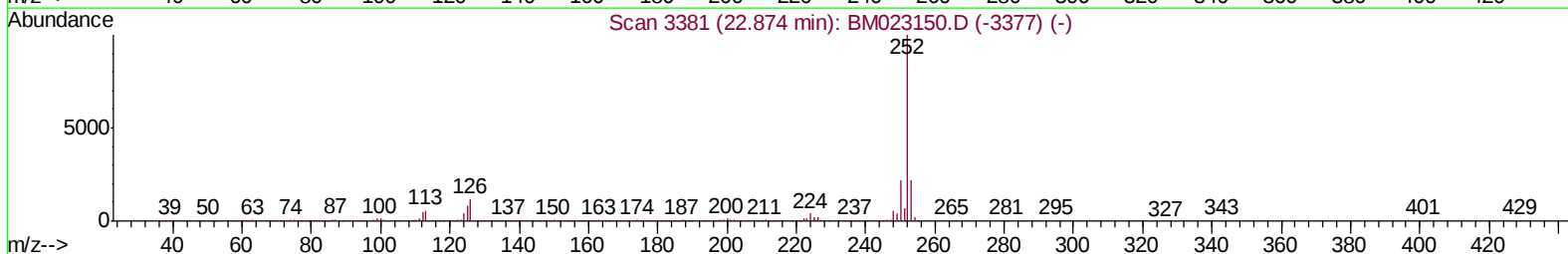
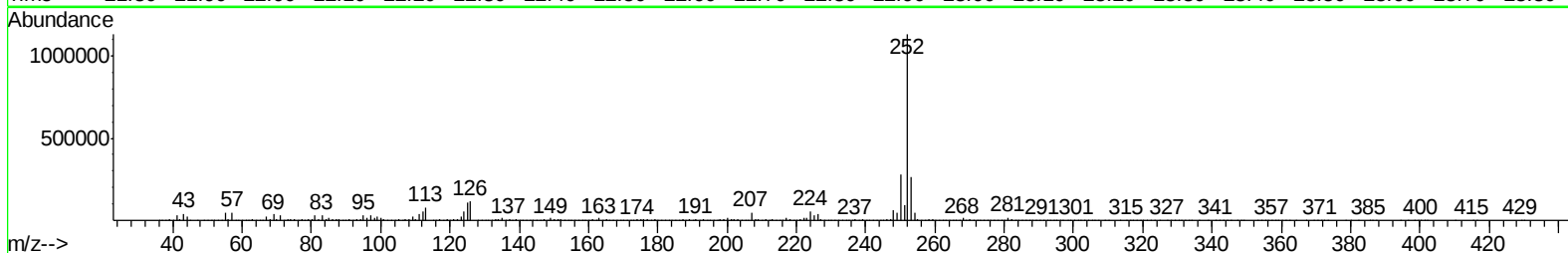
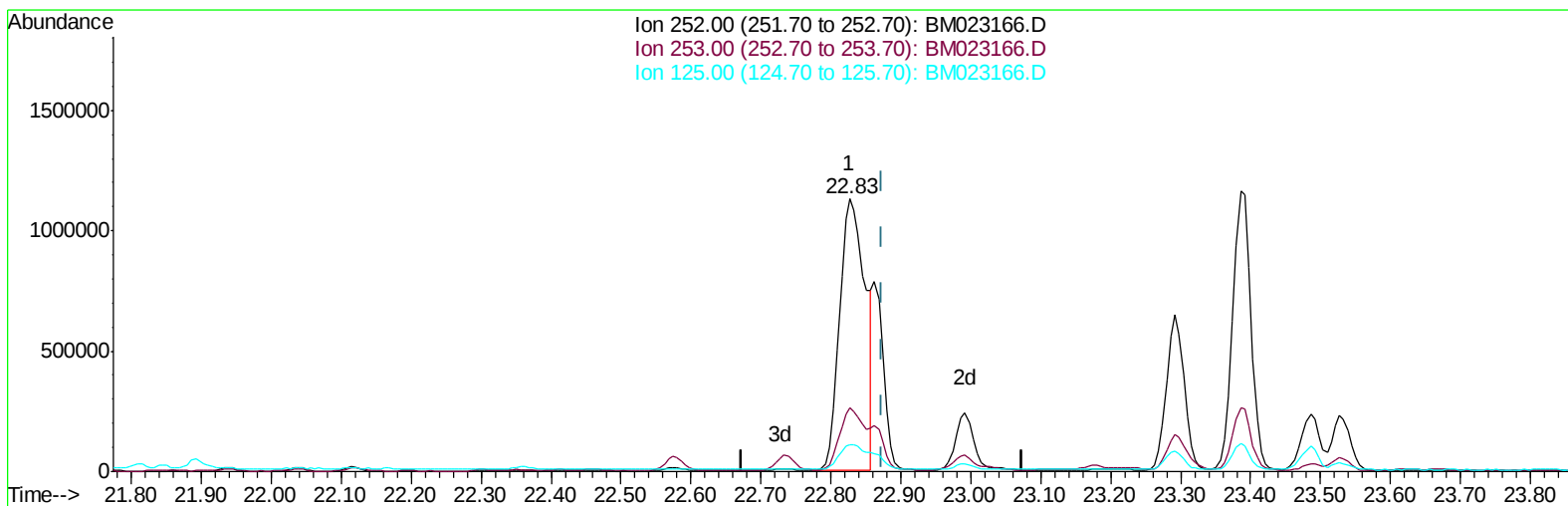


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101519\
Data File : BM023166.D
Acq On : 15 Oct 2019 14:59
Operator : JU
Sample : K5124-09DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 16:54:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration



TIC: BM023166.D

(89) Benzo(k)fluoranthene

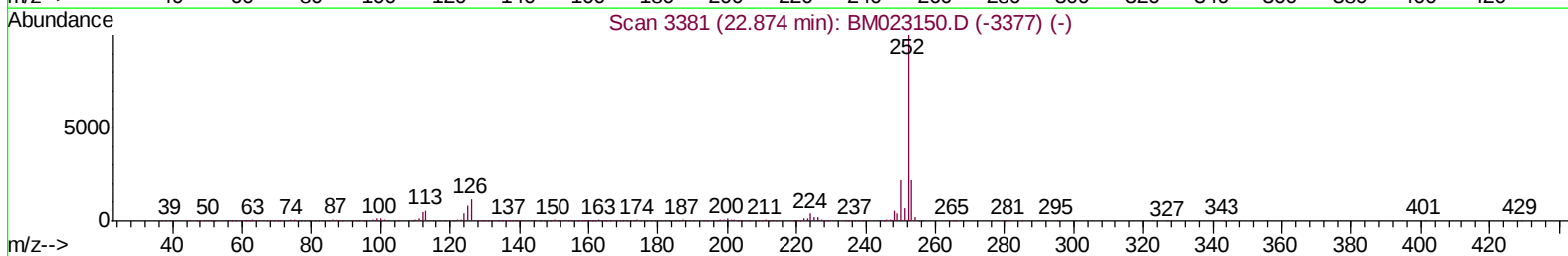
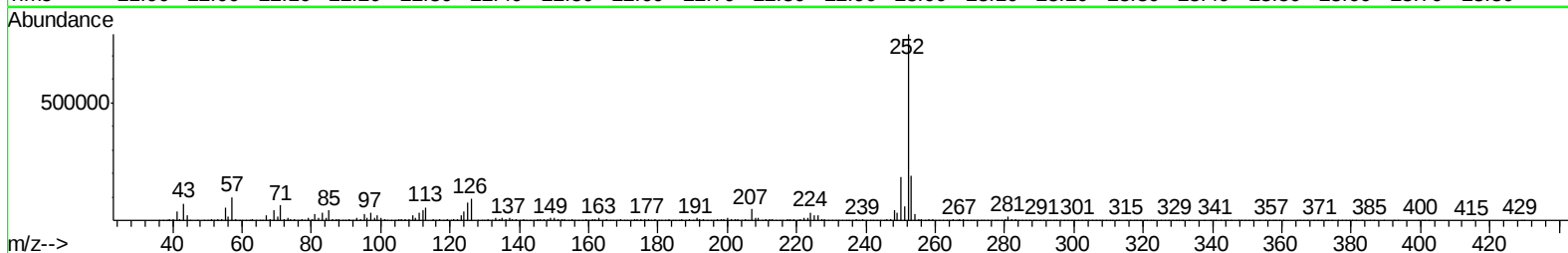
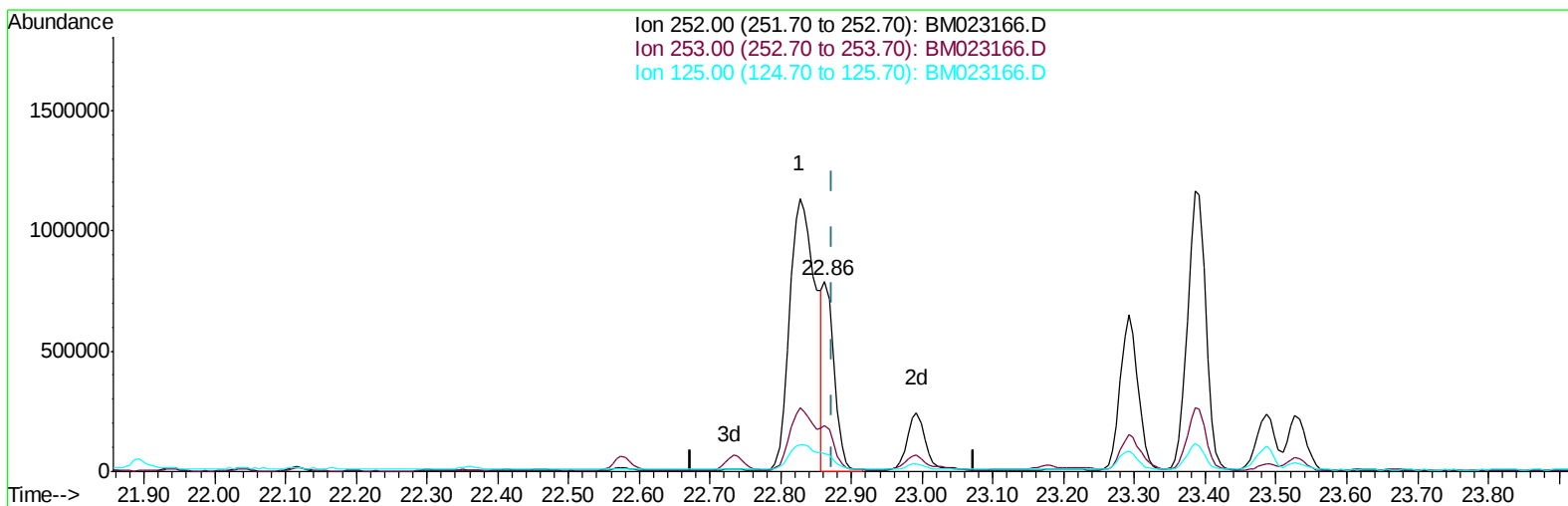
22.827min (-0.047) 20.35ng/ul

response 2910013

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.38
125.00	8.10	9.69
0.00	0.00	0.00

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TIC: BM023166.D

(89) Benzo(k)fluoranthene

22.862min (-0.011) 6.02ng/ul m

response 860153

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.12
125.00	8.10	9.55
0.00	0.00	0.00

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 Operator : JU
 Sample : K5124-09DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 15 16:57:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	420338	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1773485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1132911	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2303853	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	1813462	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	2455973	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	7150	0.75	ng/uL	0.00
5) Phenol-d5	6.94	99	156039	4.26	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	7.03	67	82890	4.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	119828	4.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	123358	4.19	ng/ul	0.01
19) Nitrobenzene-d5	8.84	128	49840	4.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	47034	4.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	125283	4.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	40417	1.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	377461	4.35	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	461155	4.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	38407	2.73	ng/ul	0.00
58) Fluorene-d10	15.32	176	338505	4.58	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	21493	2.35	ng/ul	-0.01
71) Anthracene-d10	17.17	188	517163	4.66	ng/ul	-0.01
79) Pyrene-d10	19.47	212	507436	5.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	440636	3.54	ng/ul	0.00

Target Compounds

					Qvalue	
45) Dimethylphthalate	13.80	163	121090	1.393	ng/ul	99
48) Acenaphthylene	14.05	152	706275	6.784	ng/ul	99
59) Fluorene	15.38	166	154768	1.833	ng/ul	99
70) Phenanthrene	17.12	178	1674587	12.952	ng/ul	99
72) Anthracene	17.20	178	375061	2.807	ng/ul	99
77) Fluoranthene	19.13	202	4475700	29.107	ng/ul	99
80) Pyrene	19.50	202	4633159	40.783	ng/ul	99
83) Benzo(a)anthracene	21.24	228	2019623	16.436	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.22	149	402138	6.401	ng/ul	99
85) Chrysene	21.30	228	2820032	24.717	ng/ul	98
88) Benzo(b)fluoranthene	22.83	252	2910013	19.542	ng/ul#	97
89) Benzo(k)fluoranthene	22.86	252	860153m	6.016	ng/ul	
91) Benzo(a)pyrene	23.39	252	2104421	14.730	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.70	276	1373314	8.080	ng/ul	98
93) Dibenzo(a,h)anthracene	25.72	278	379597	2.671	ng/ul#	92
94) Benzo(g,h,i)perylene	26.39	276	1121939	8.018	ng/ul	99

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

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