

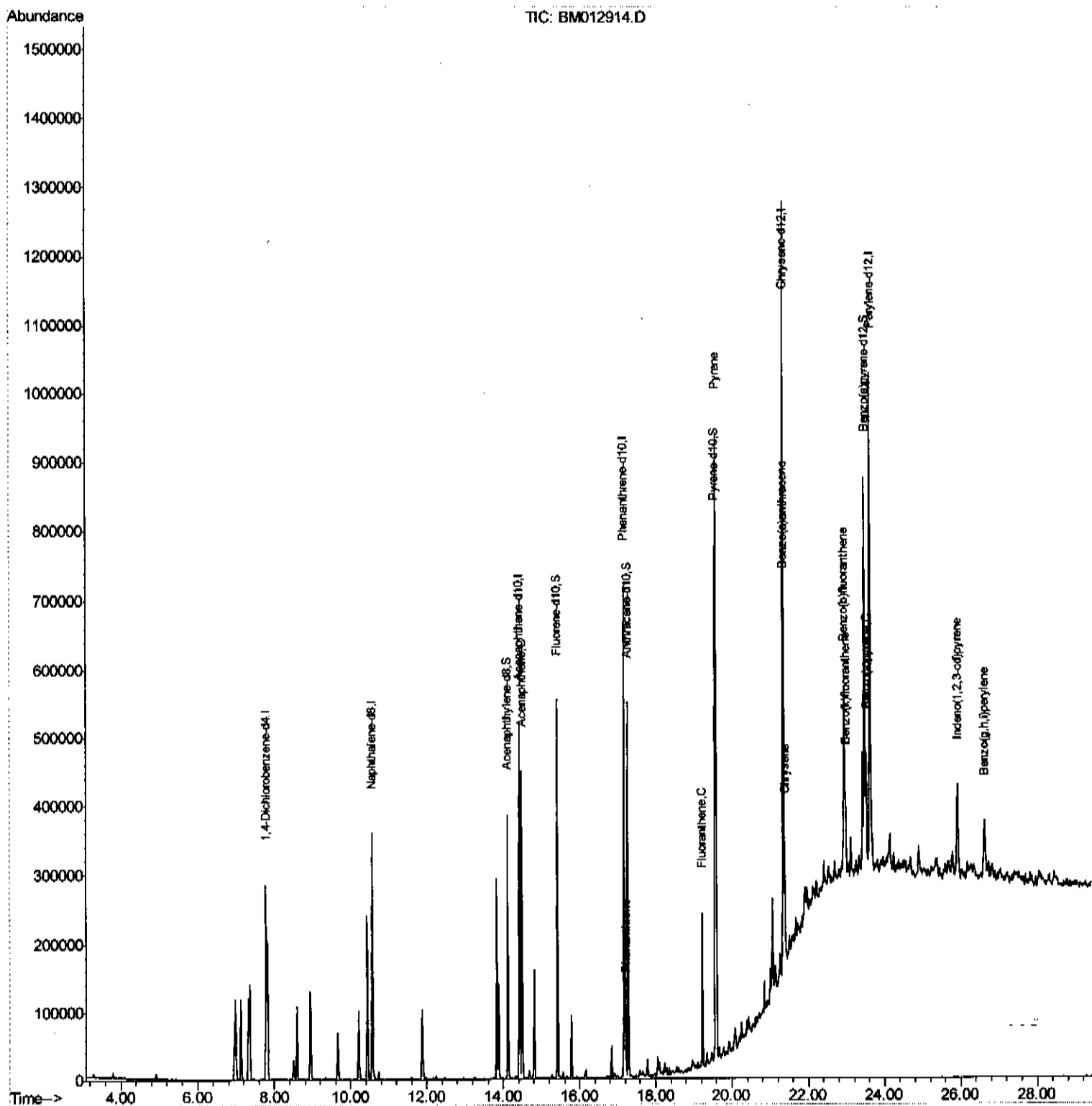
Data Path : Z:\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012914.D
Acq On : 11 Nov 2017 22:22
Operator : SJ/JU
Sample : I6317-08MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DAHJ3MS

Manual Integrations
APPROVED

SOHIL
11/13/2017 4:49:46 PM

Quant Time: Nov 13 03:02:59 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration



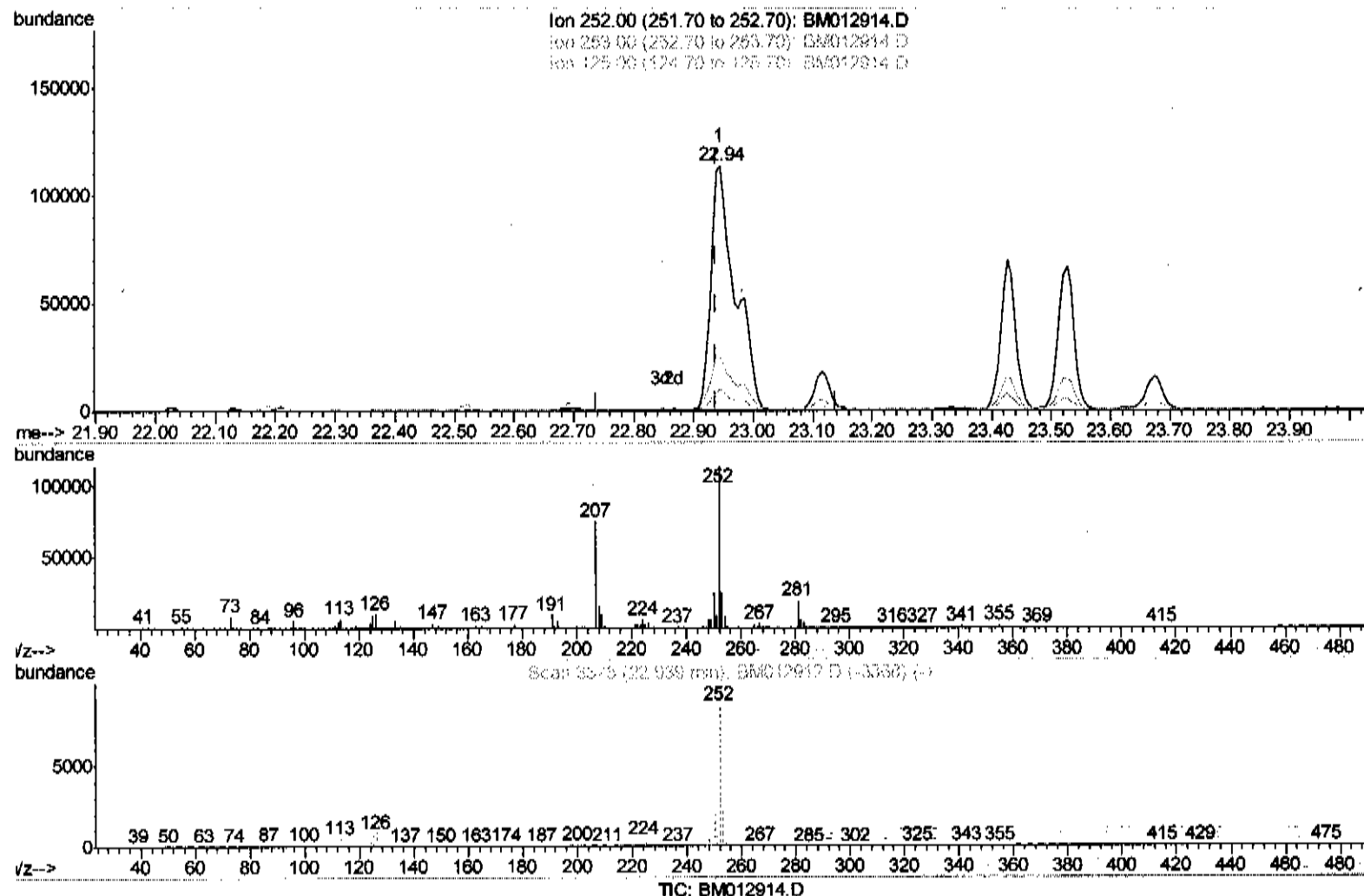
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Quant Time: Nov 13 02:10:18 2017
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 Quant Title : SVOA CALIBRATION
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(23) Benzo(b)fluoranthene

22.944min (+0.006) 9.77ng/ul

response 320077

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.11
125.00	10.00	8.52
0.00	0.00	0.00

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ClientSampleId :
DAHJ3MS

SOHIL
11/13/2017 4:49:46 PM

Ion 252.00 (251.70 to 252.70): BM012914.D
Ion 253.00 (252.70 to 253.70): BM012914.D
Ion 125.00 (124.70 to 125.70): BM012914.D

abundance

150000

100000

50000

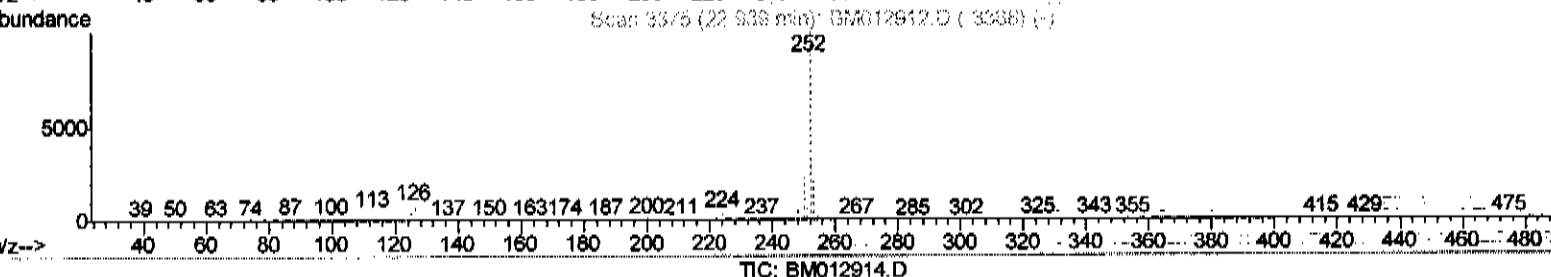
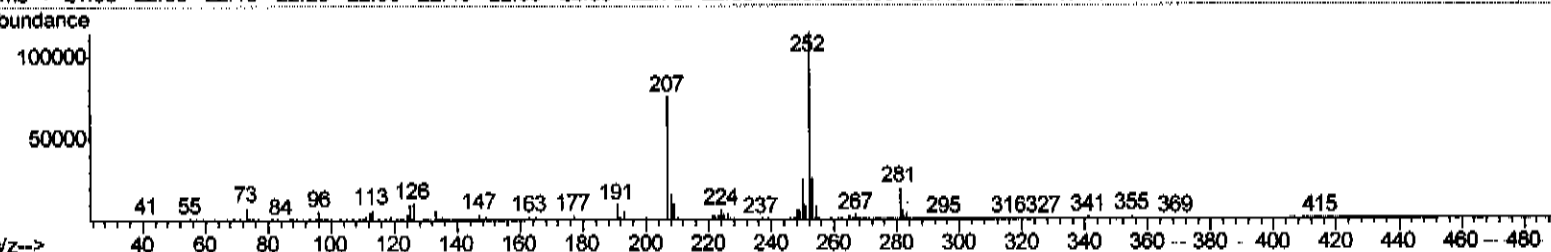
0

time--> 21.90 22.00 22.10 22.20 22.30 22.40 22.50 22.60 22.70 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50 23.60 23.70 23.80 23.90

1
22.94

3d

2d



22.944min (+0.006) 7.27ng/ul (

response 238241

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.11
125.00	10.00	8.52
0.00	0.00	0.00

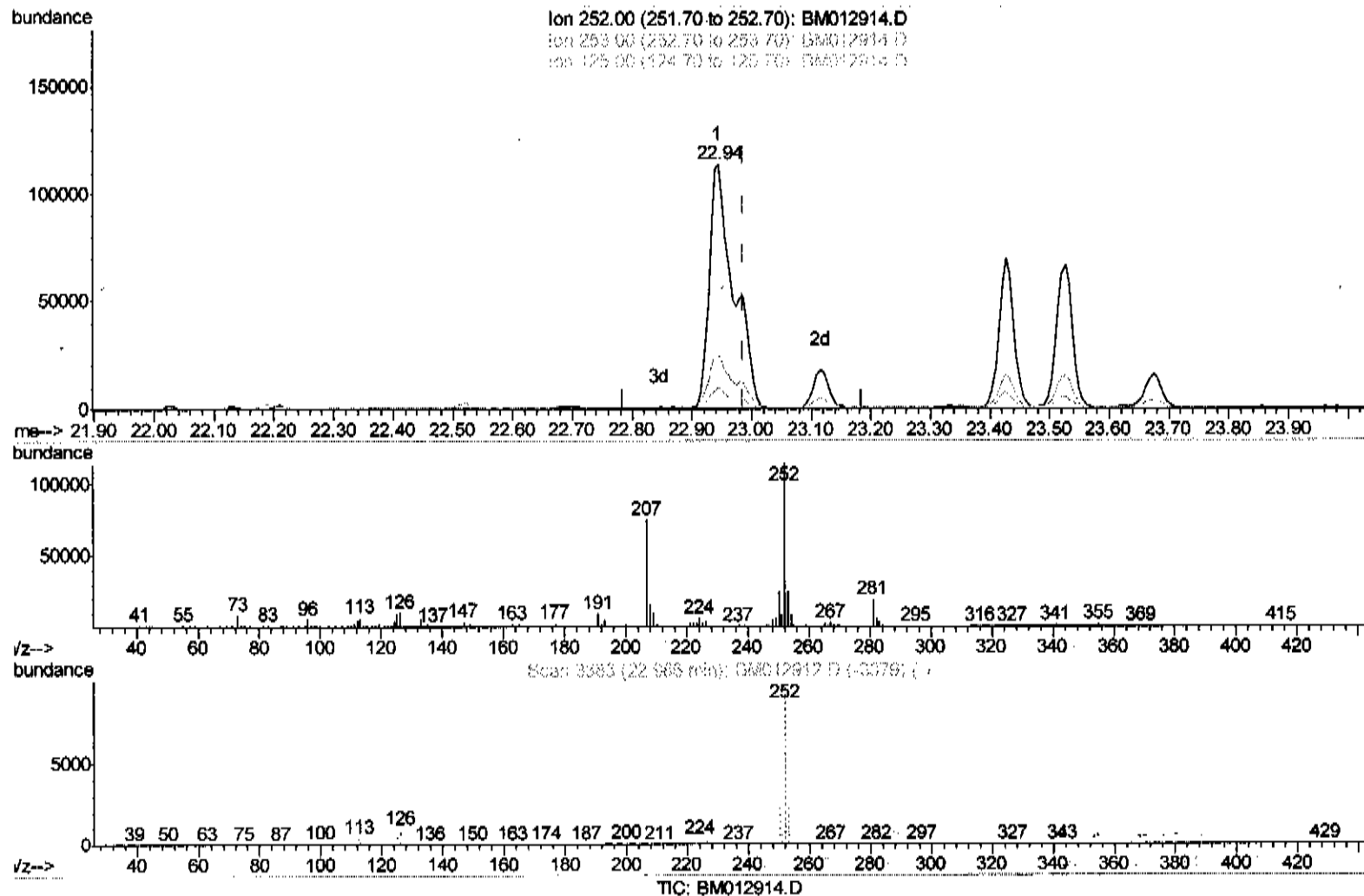
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(24) Benzo(k)fluoranthene

22.944min (-0.041) 10.20ng/ul

response 319440

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.11
125.00	10.10	8.52
0.00	0.00	0.00

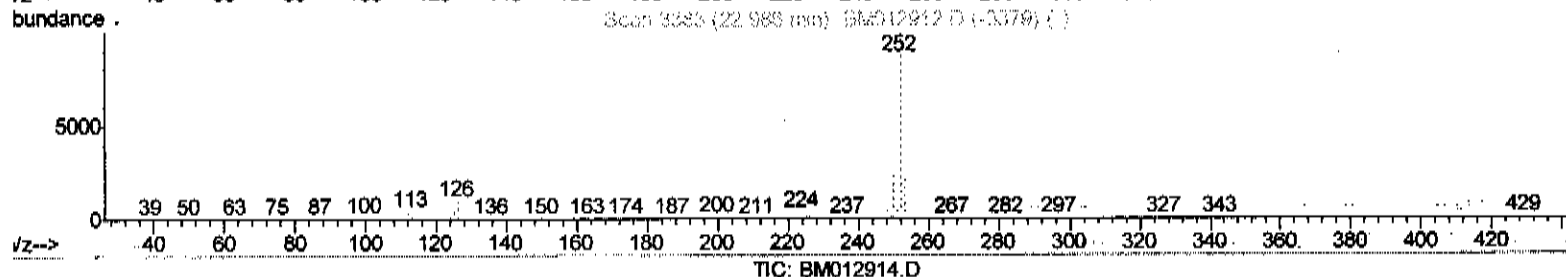
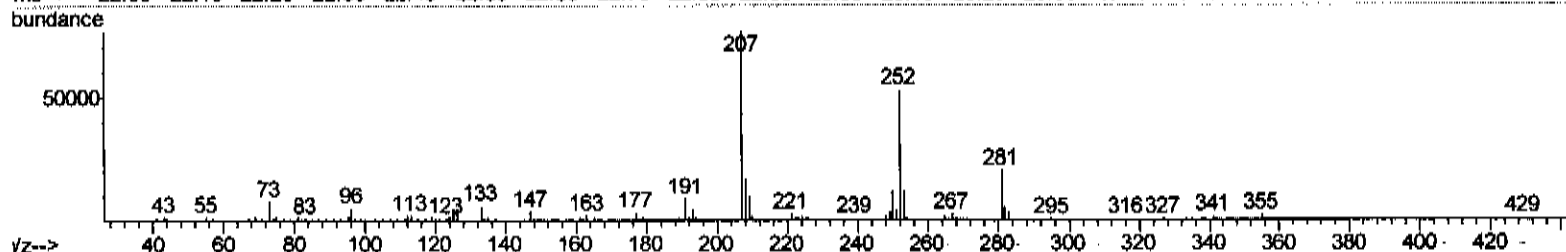
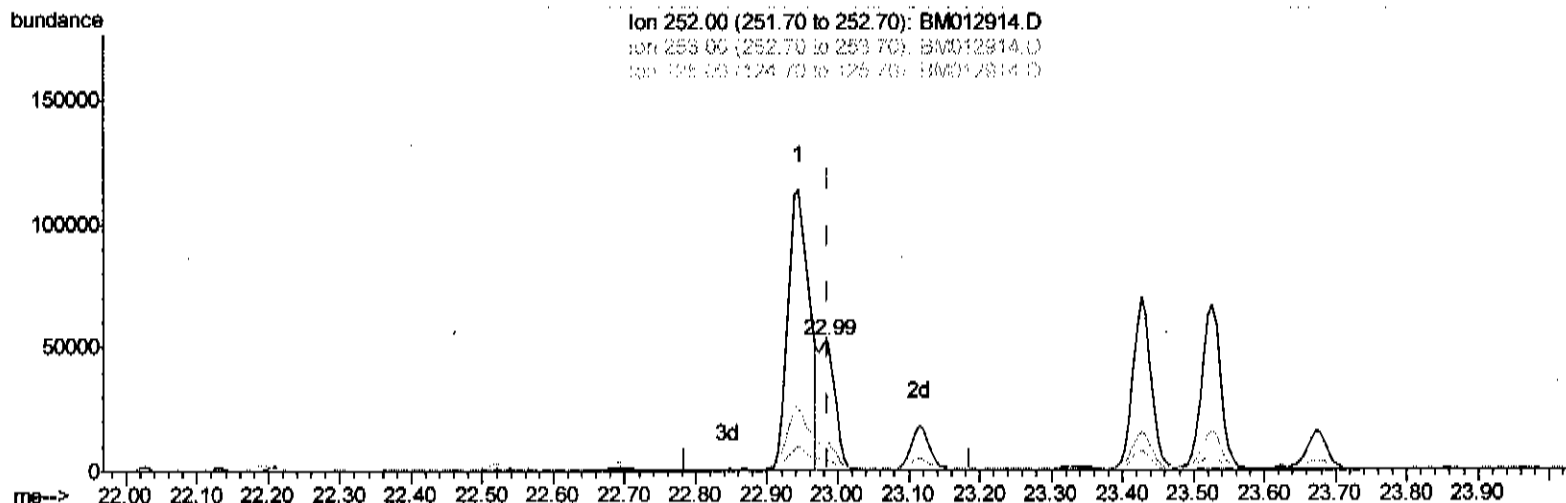
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 ALS Vial : 21 Sample Multiplier: 1

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(24) Benzo(k)fluoranthene

22.986min (-0.000) 2.66ng/ul m

response 83163

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.64
125.00	10.10	9.05
0.00	0.00	0.00

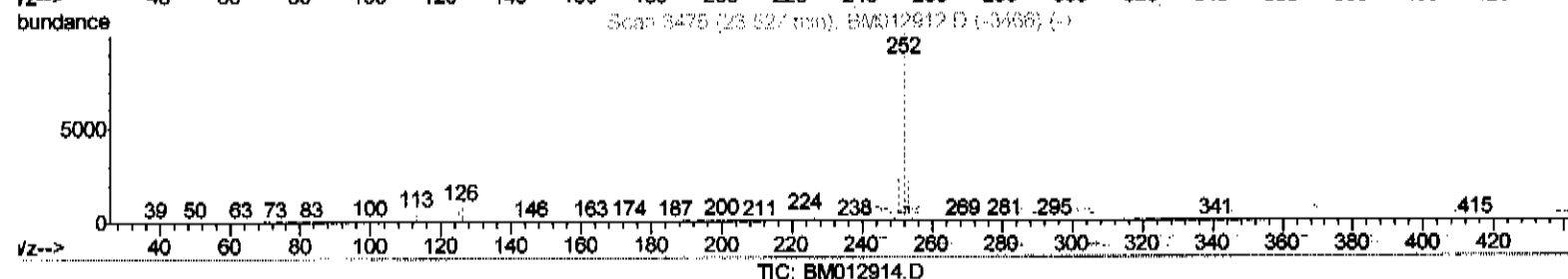
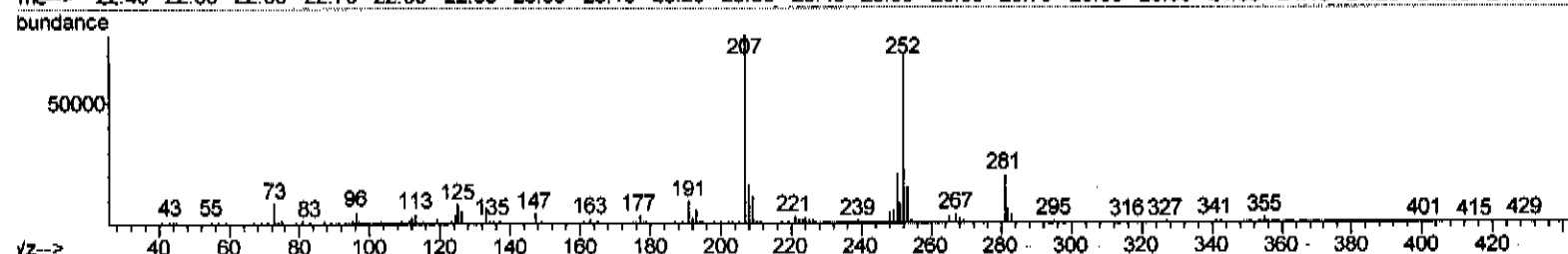
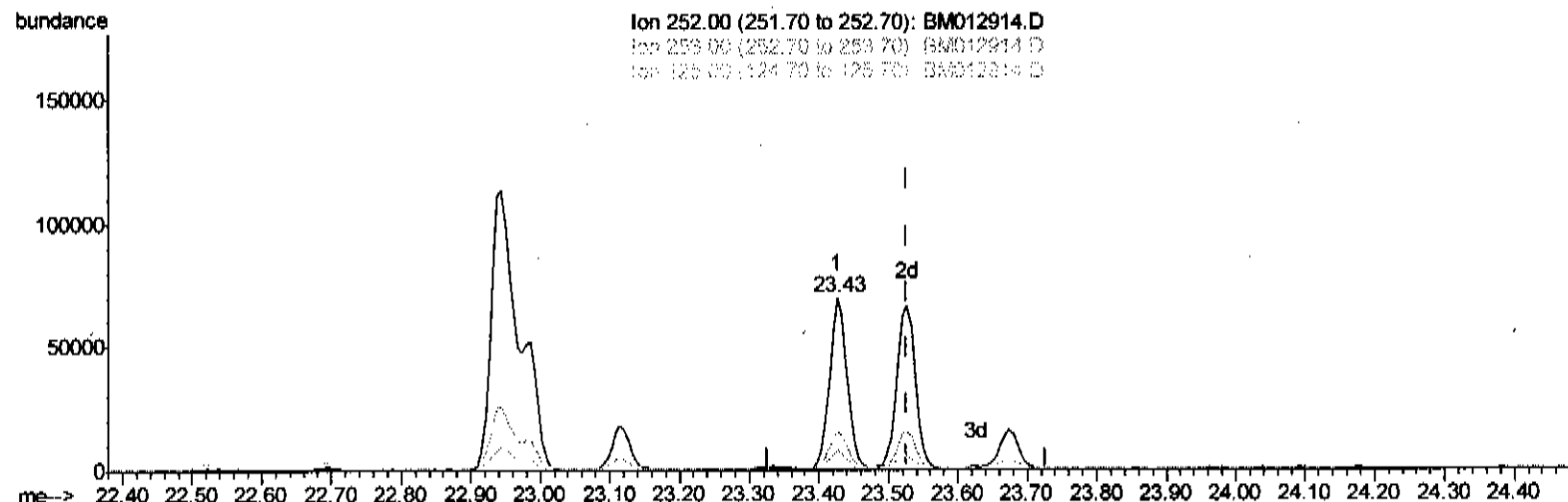
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TIC: BM012914.D

(26) Benzo(a)pyrene (C)

23.427min (-0.100) 3.82ng/ul

response 121286

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.08
125.00	10.30	11.60
0.00	0.00	0.00

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 ALS Vial : 21 Sample Multiplier: 1

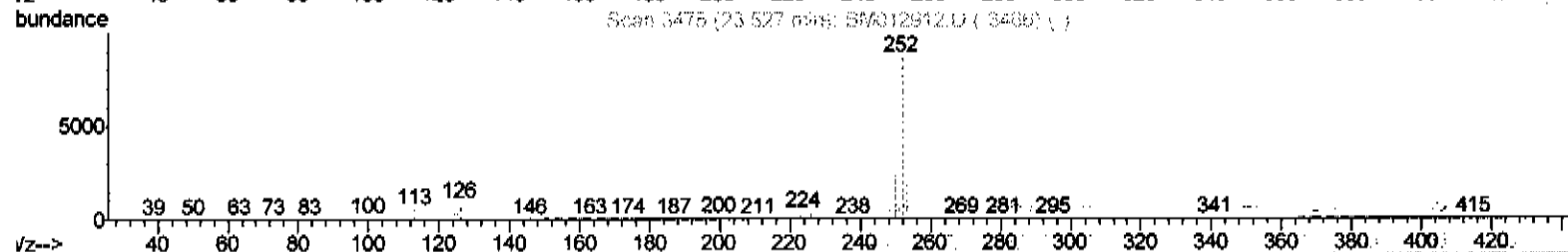
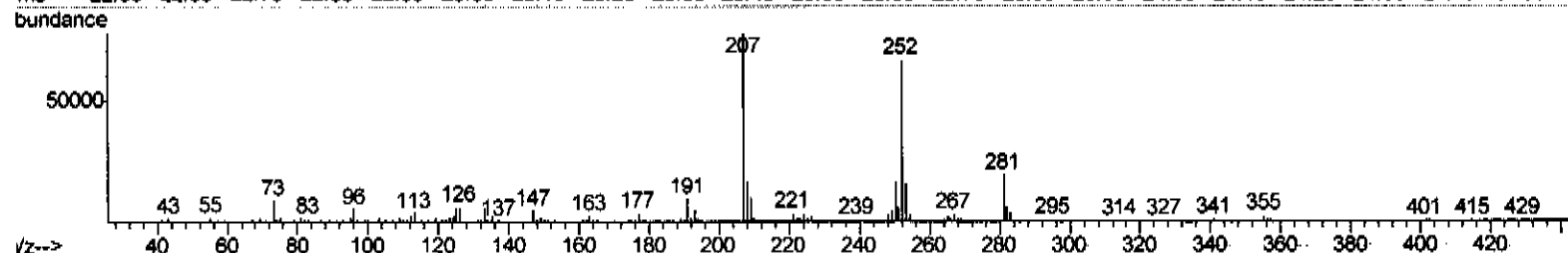
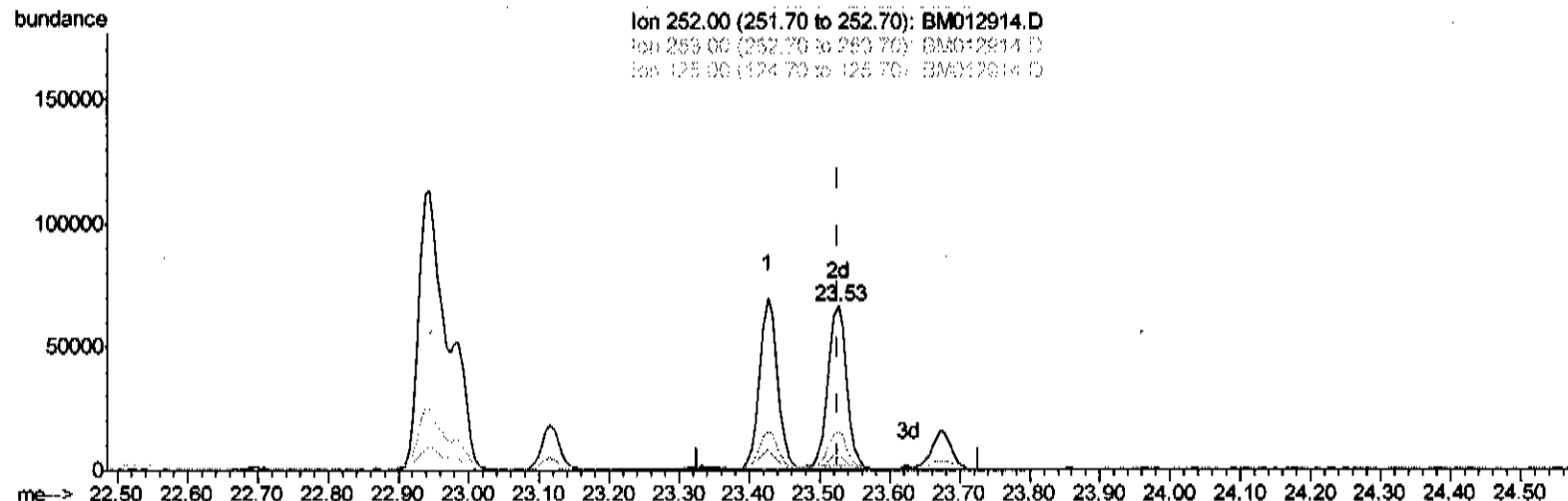
Instrument :
 BNA_M
 ClientSampled :
 DAHJ3MS

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:49:46 PM

Quant Time: Nov 13 02:10:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 02:06:47 2017
 Response via : Initial Calibration

Ion 252.00 (251.70 to 252.70): BM012914.D
 Ion 253.00 (252.70 to 253.70): BM012914.D
 Ion 125.00 (124.70 to 125.70): BM012914.D



TIC: BM012914.D

(26) Benzo(a)pyrene (C)

23.527min (-0.000) 3.74ng/ul m

response 118886

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.65
125.00	10.30	8.18#
0.00	0.00	0.00

Handwritten signature: 11/13/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	79746	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	301288	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	172635	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	404468	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	490424	20.00	ng/ul	0.00
22) Perylene-d12	23.62	264	551049	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.12	160	283891	15.81	ng/ul	0.00
10) Fluorene-d10	15.42	176	211685	17.24	ng/ul	0.00
14) Anthracene-d10	17.27	188	314832	16.10	ng/ul	0.00
18) Pylene-d10	19.56	212	363875	16.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.48	264	397753	15.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthene	14.49	153	185050	15.81	ng/ul	96
13) Phenanthrene	17.21	178	54387	2.43	ng/ul	99
16) Fluoranthene	19.23	202	133350	4.85	ng/ul#	92
19) Pyrene	19.59	202	535458	19.02	ng/ul#	92
20) Benzo(a)anthracene	21.33	228	96726	3.21	ng/ul	98
21) Chrysene	21.39	228	110742	4.11	ng/ul	98
23) Benzo(b)fluoranthene	22.94	252	238241m	7.27	ng/ul	
24) Benzo(k)fluoranthene	22.99	252	83163m	2.66	ng/ul	
26) Benzo(a)pyrene	23.53	252	118886m	3.74	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.93	276	122900	3.00	ng/ul	96
29) Benzo(g,h,i)perylene	26.63	276	110416	3.23	ng/ul	94

Handwritten signature and date: 11/13/17

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