

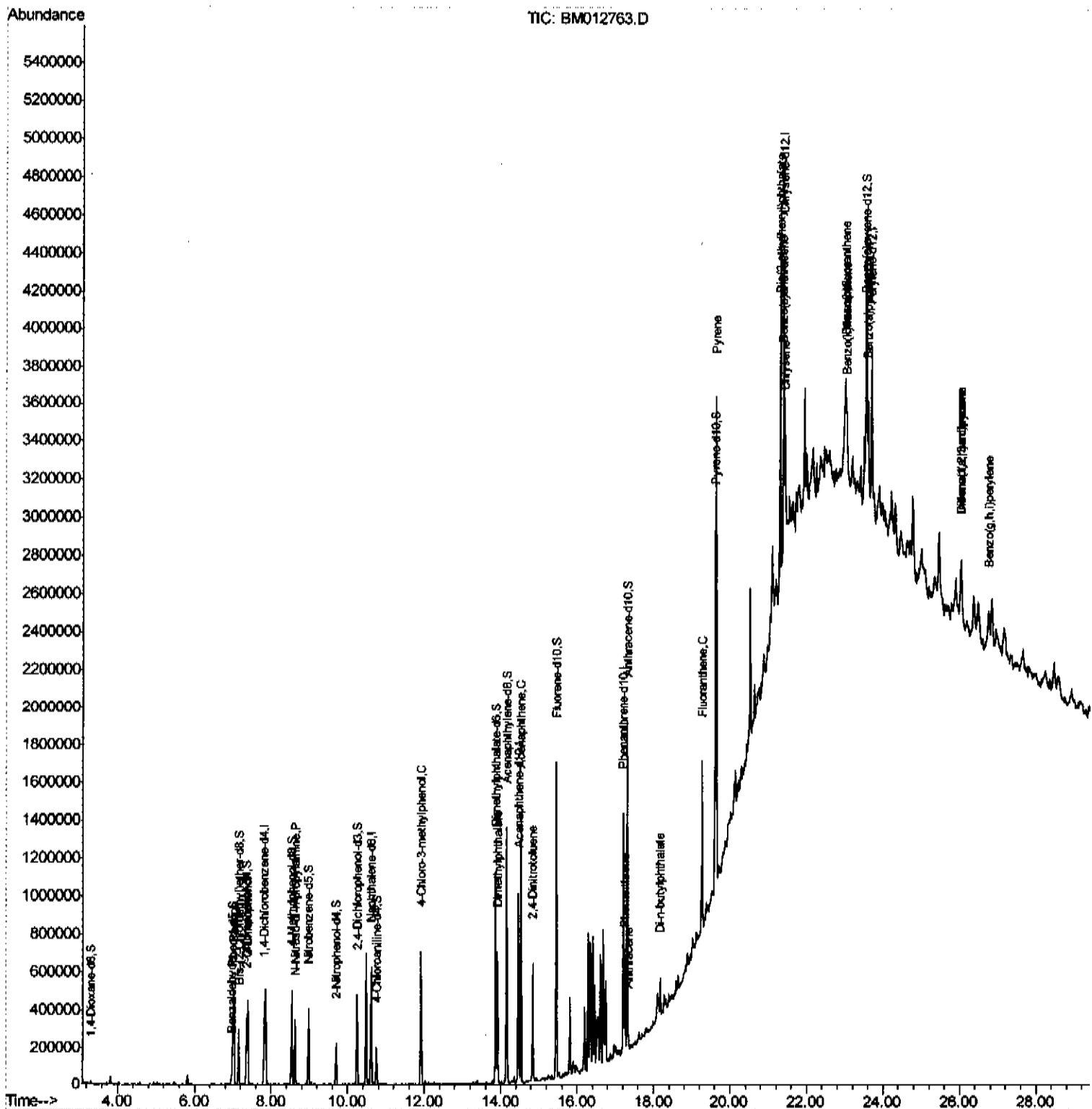
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012763.D
Acq On : 06 Nov 2017 05:47
Operator : SJ/JU
Sample : I5825-15MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
B-19(0-1)-101117MSD

Manual Integrations
APPROVED

Sohil
11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:53:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration



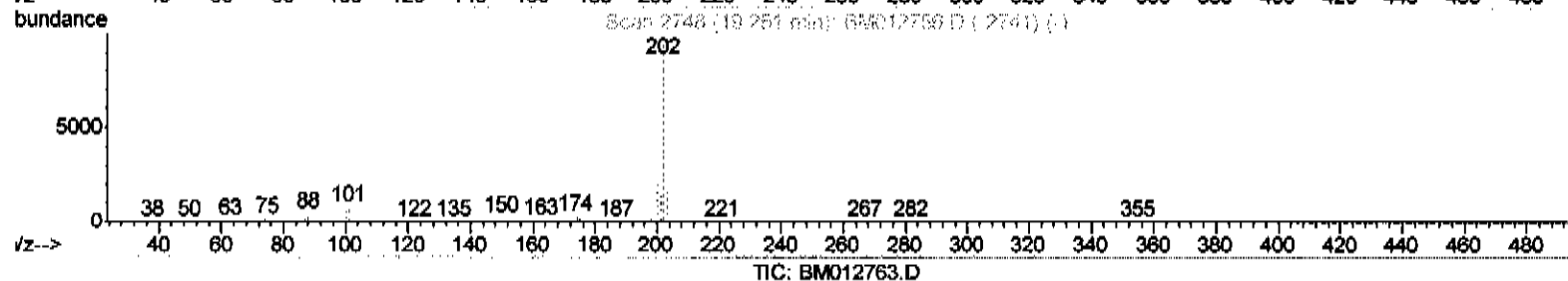
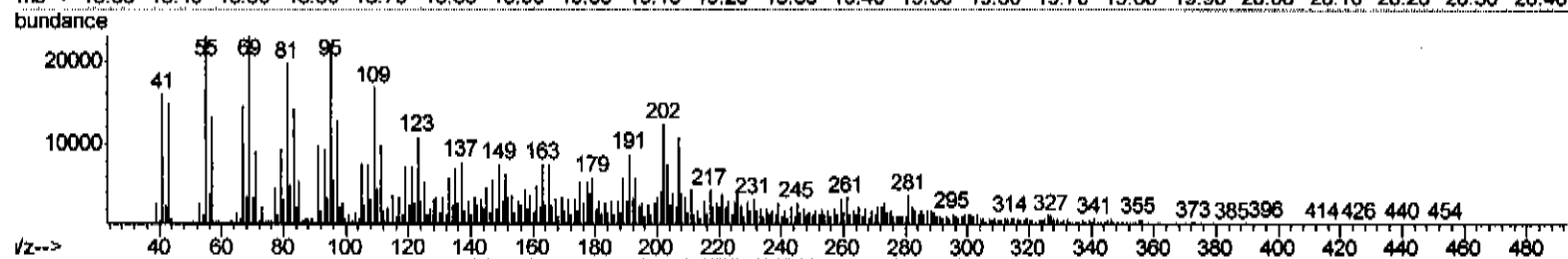
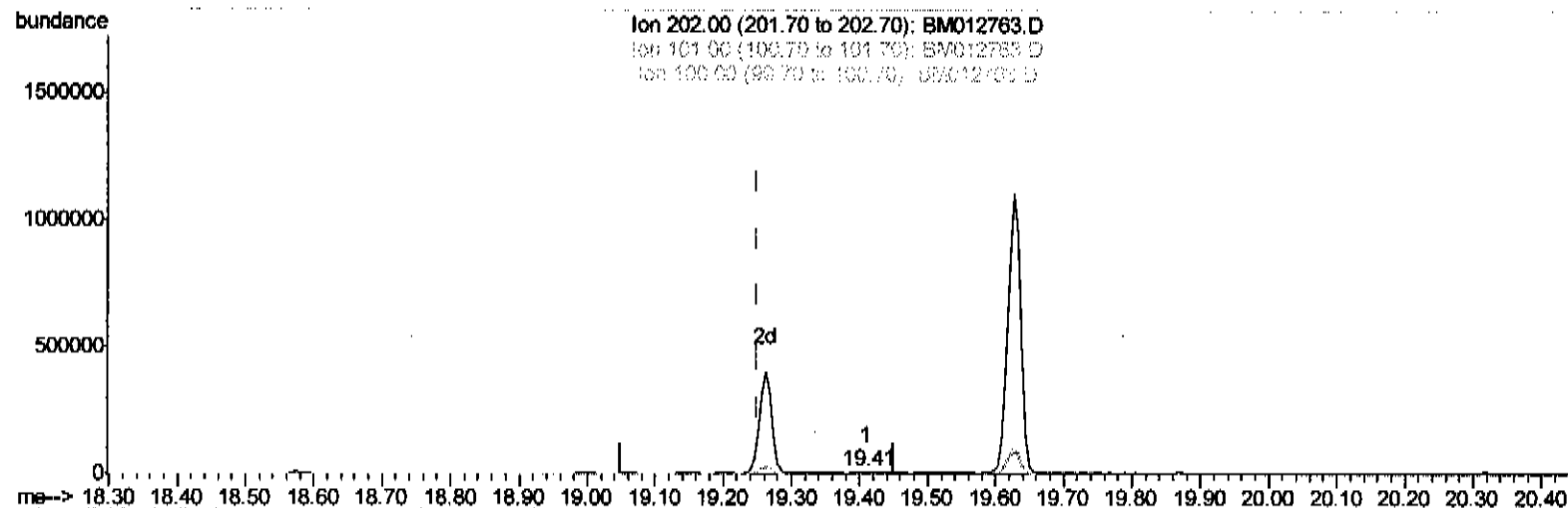
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.410min (+0.159) 0.27ng/ul

response 12616

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	11.88
100.00	8.20	7.22
0.00	0.00	0.00

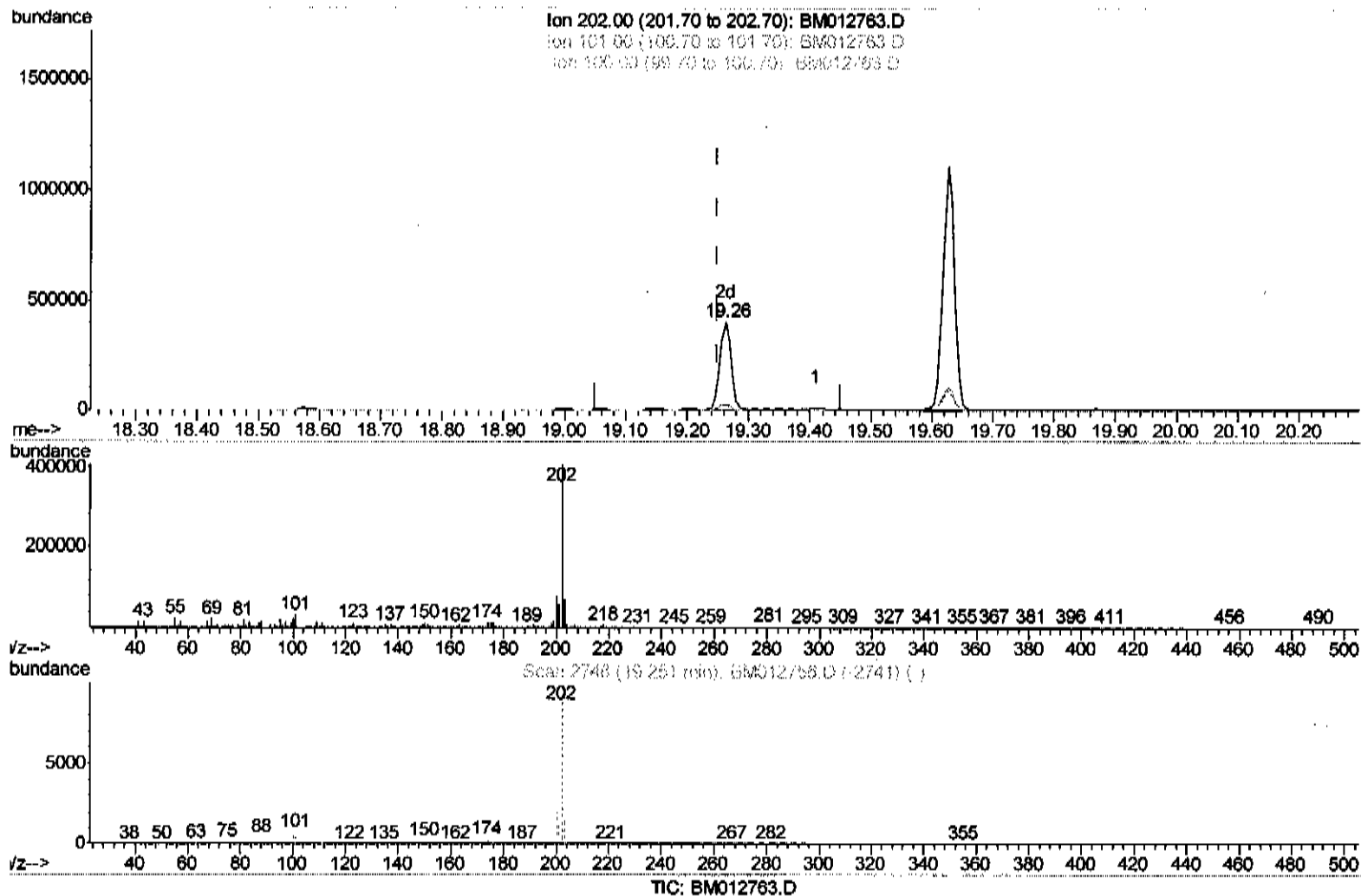
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration



(76) Fluoranthene (C)

19.262min (+0.012) 10.78ng/ul m

response 513000

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	7.70#
100.00	8.20	5.83#
0.00	0.00	0.00

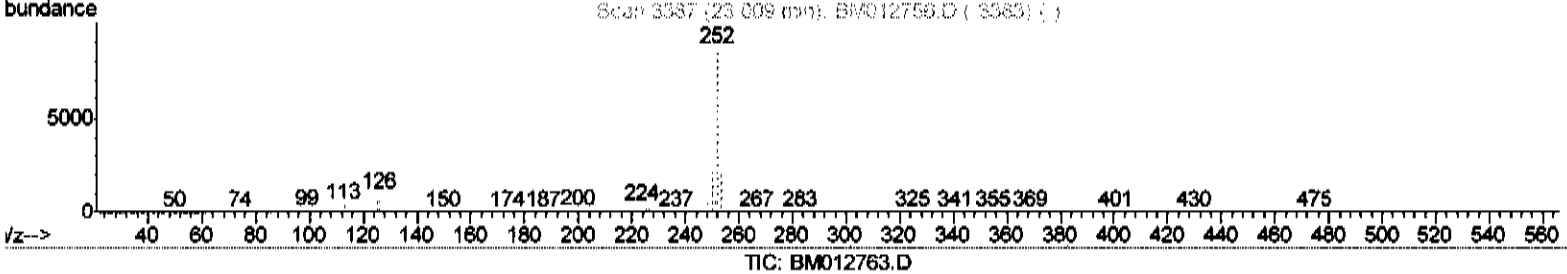
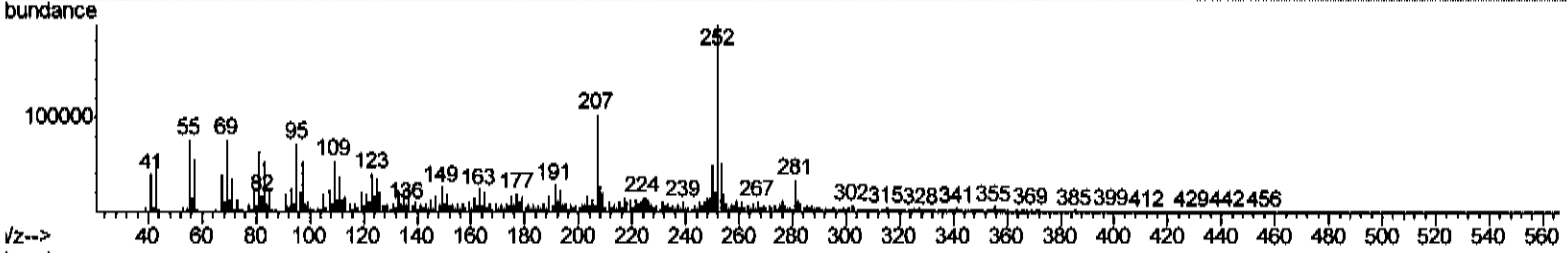
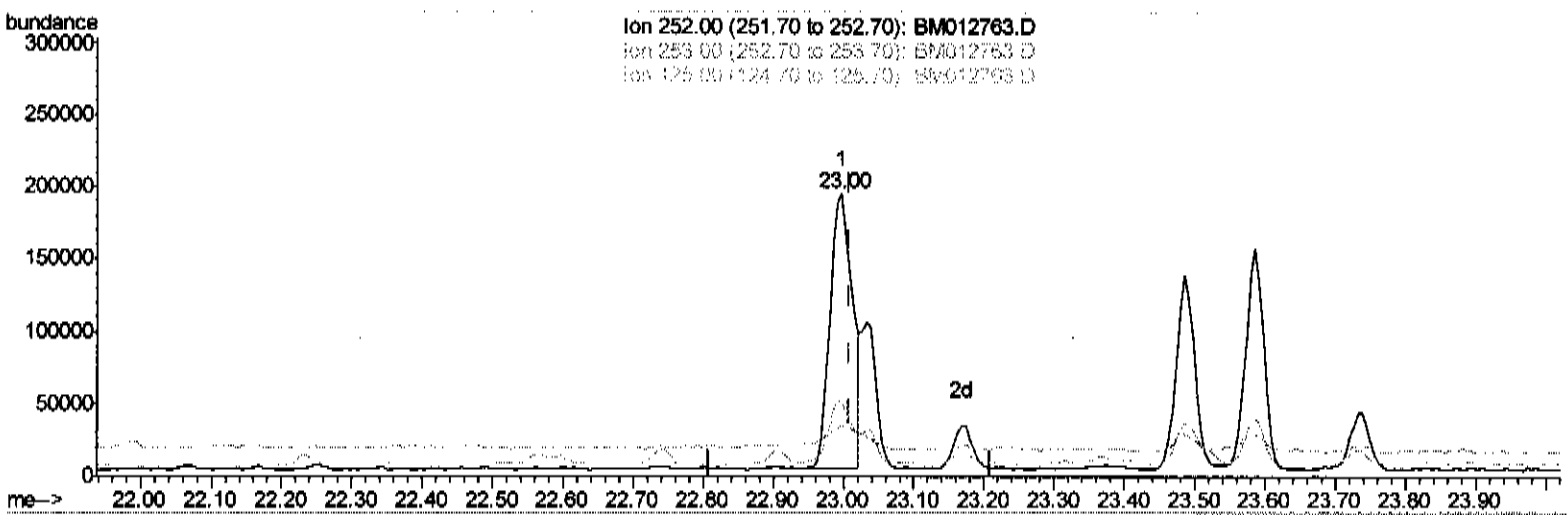
SJ 11/7/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
 APPROVED
 Sohil
 11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene
 22.997min (-0.012) 10.63ng/ul
 response 429162

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.48#
125.00	10.20	18.00#
0.00	0.00	0.00

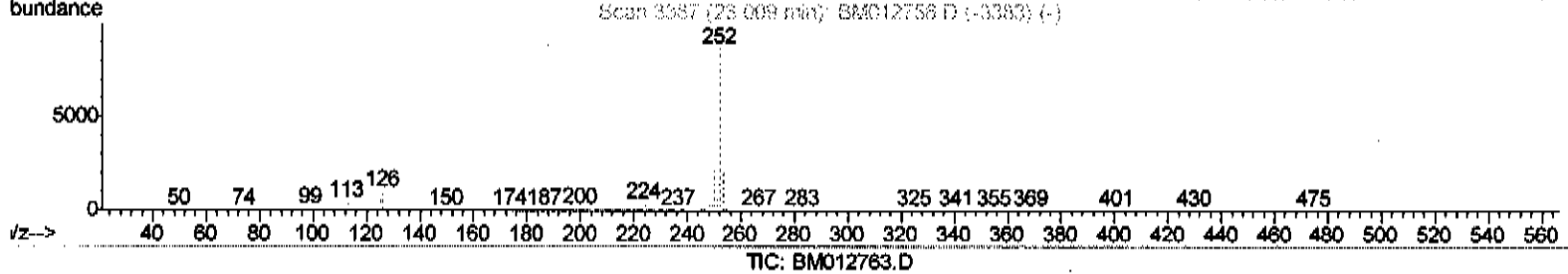
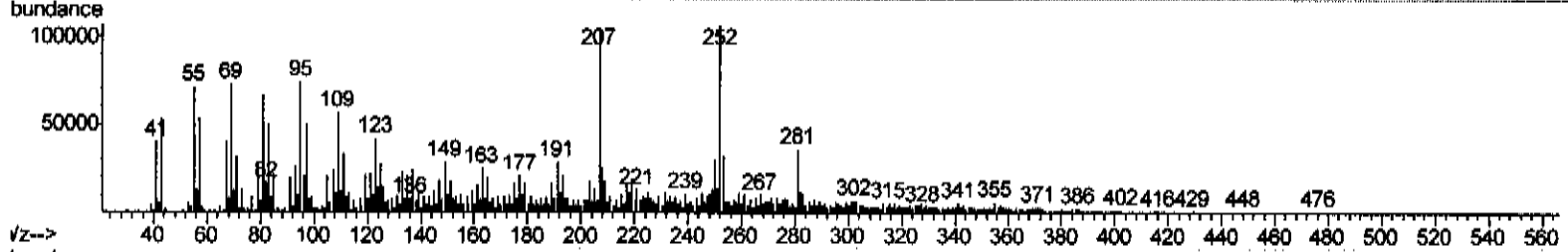
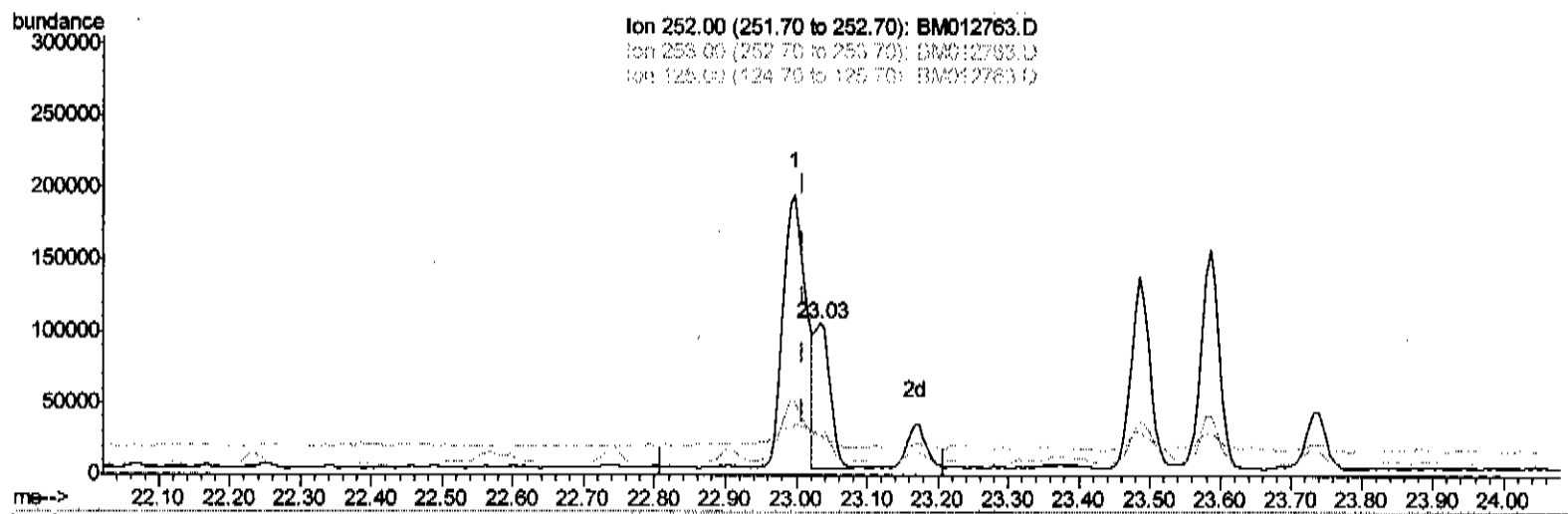
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-19(0-1)-101117MSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:24:46 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration



(88) Benzo(k)fluoranthene

23.033min (+0.024) 3.85ng/ul m

response 155339

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	30.15#
125.00	10.20	26.02#
0.00	0.00	0.00

SJ 11/7/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
 Data File : BM012763.D
 Acq On : 06 Nov 2017 05:47
 Operator : SJ/JU
 Sample : I5825-15MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 B-19(0-1)-101117MSD

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:53:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	120500	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	514714	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	336425	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	724236	20.00	ng/ul	0.01
77) Chrysene-d12	21.39	240	635576	20.00	ng/ul	0.01
85) Perylene-d12	23.69	264	695097	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	9546	4.28	ng/uL	0.00
5) Phenol-d5	7.00	99	223545	24.93	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	120077	24.71	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	178715	23.93	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	193021	24.94	ng/ul	0.01
19) Nitrobenzene-d5	8.97	128	102480	26.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	77871	17.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	188762	21.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	118158	13.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	746061	26.80	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	965175	28.03	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	2430	0.54	ng/ul	0.03
57) Fluorene-d10	15.45	176	679864	28.51	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	978308	27.96	ng/ul	0.01
78) Pyrene-d10	19.60	212	883271	29.95	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.54	264	920073	27.99	ng/ul	0.03

Target Compounds

					Ovalue
4) Benzaldehyde	6.96	77	11079	2.32	ng/ul 92
6) Phenol	7.02	94	288858	31.38	ng/ul 96
10) 2-Chlorophenol	7.39	128	196087	25.49	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.62	70	134736	24.07	ng/ul 97
33) 4-Chloro-3-methylphenol	11.90	107	250821	29.67	ng/ul 98
44) Dimethylphthalate	13.91	163	427255	15.47	ng/ul 99
49) Acenaphthene	14.52	153	583437	25.66	ng/ul 97
54) 2,4-Dinitrotoluene	14.83	165	189168	23.26	ng/ul 97
69) Phenanthrene	17.24	178	250030	6.32	ng/ul 98
71) Anthracene	17.34	178	57343	1.40	ng/ul 94
75) Di-n-butylphthalate	18.16	149	154853	3.86	ng/ul 98
76) Fluoranthene	19.26	202	513000m>	10.78	ng/ul 93
79) Pyrene	19.63	202	1458077	38.45	ng/ul# 92
82) Benzo(a)anthracene	21.37	228	237396	6.17	ng/ul# 92
83) Bis(2-ethylhexyl)phthalate	21.29	149	702164	34.85	ng/ul# 94
84) Chrysene	21.42	228	263065	7.55	ng/ul# 92
87) Benzo(b)fluoranthene	23.00	252	429162	10.10	ng/ul# 87
88) Benzo(k)fluoranthene	23.03	252	155339m>	3.85	ng/ul 86
90) Benzo(a)pyrene	23.59	252	274804	6.80	ng/ul# 86
91) Indeno(1,2,3-cd)pyrene	26.02	276	254634	5.23	ng/ul# 44
92) Dibenzo(a,h)anthracene	26.02	278	62603	1.52	ng/ul# 89
93) Benzo(a,h,i)perylene	26.74	276	239279	5.96	ng/ul#

> 24/11/17
 > 24/11/17

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012763.D
Acq On : 06 Nov 2017 05:47
Operator : SJ/JU
Sample : I5825-15MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117MSD

Manual Integrations
APPROVED
Sohil
11/6/2017 4:29:05 PM

Quant Time: Nov 06 07:53:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 07:19:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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