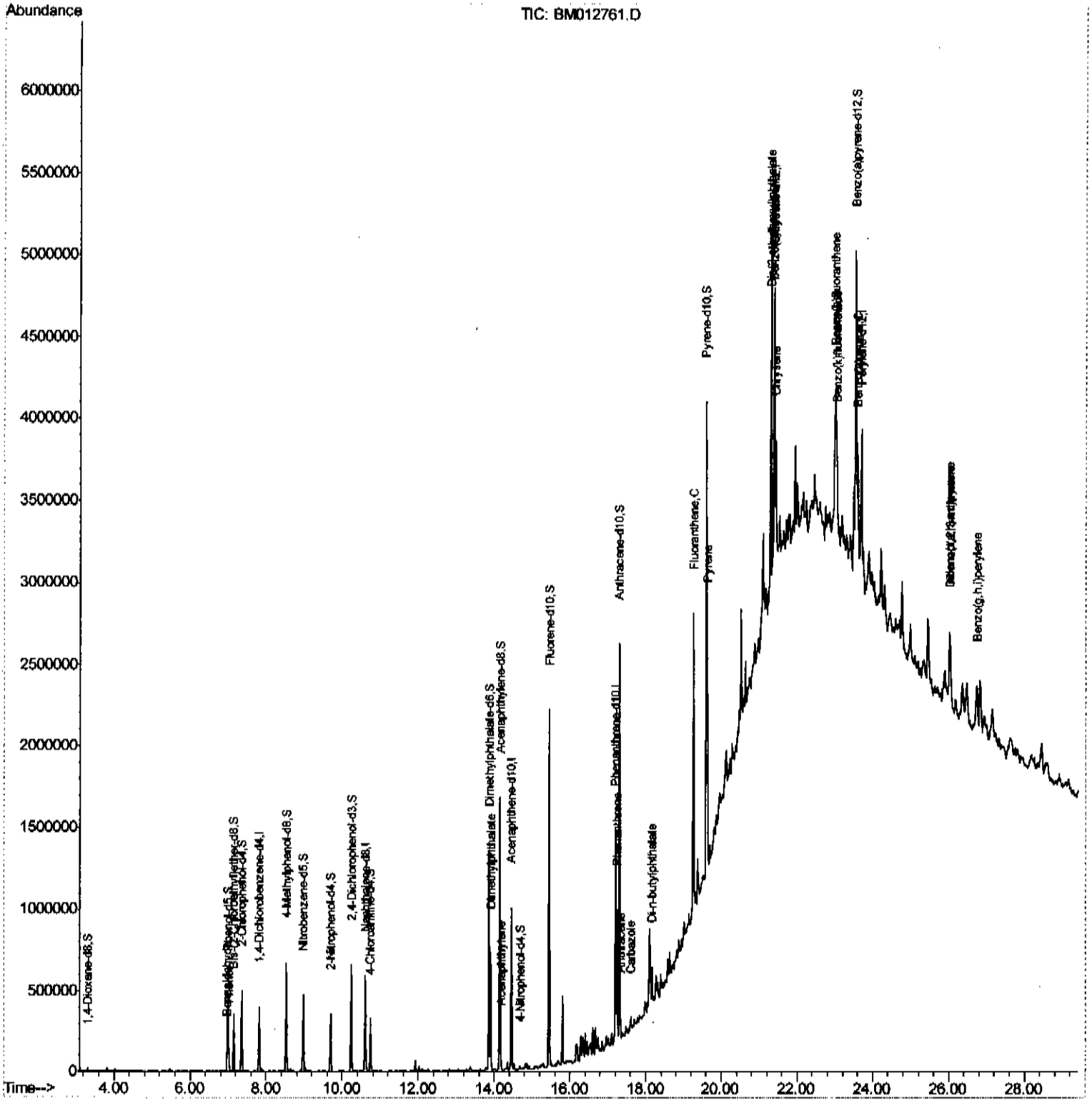
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:46:38 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

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

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM

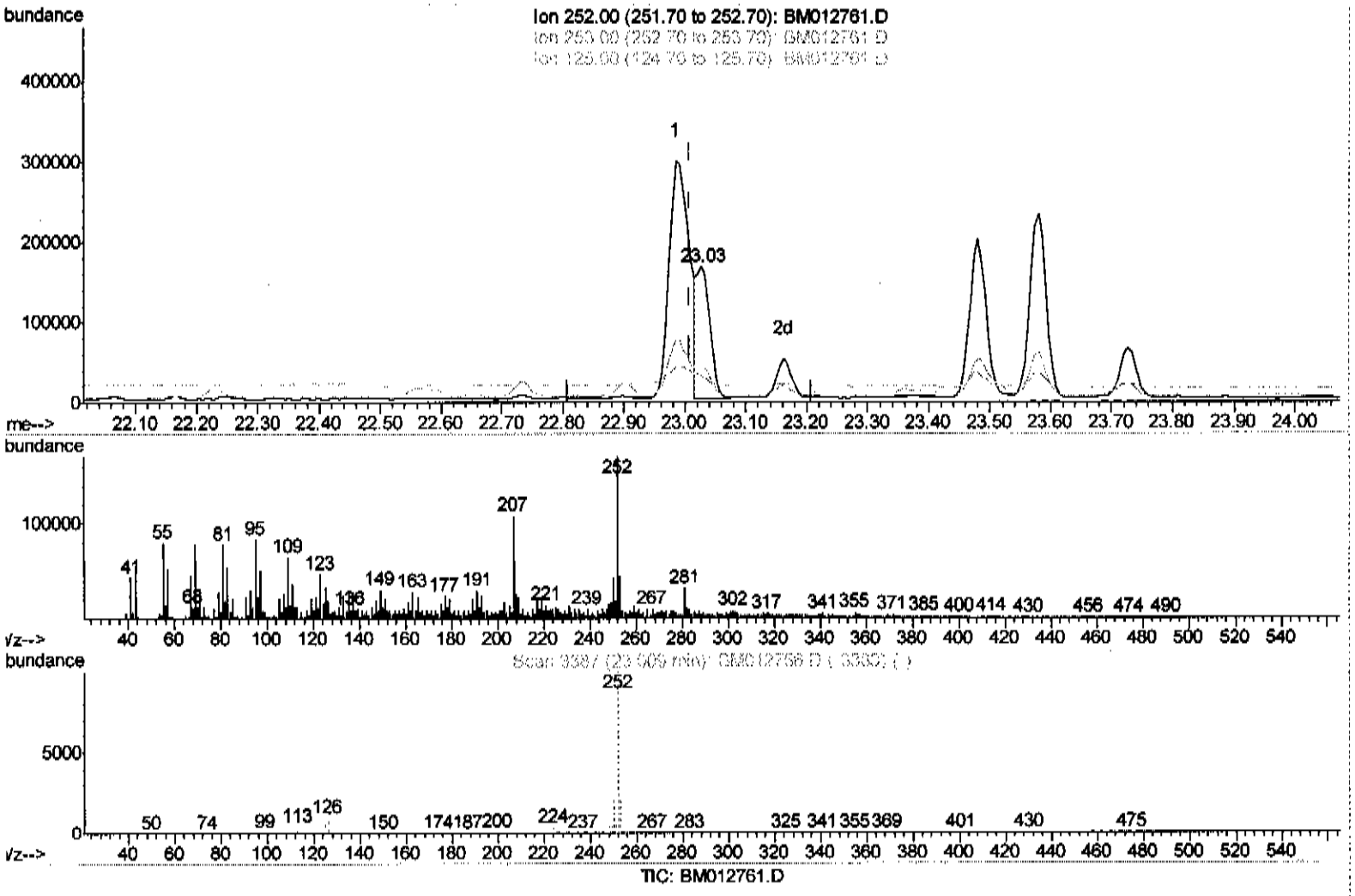


Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 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

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

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



(88) Benzo(k)fluoranthene

23.027min (+0.018) 6.08ng/ul m

response 246531

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	26.82#
125.00	10.20	19.53#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 2017
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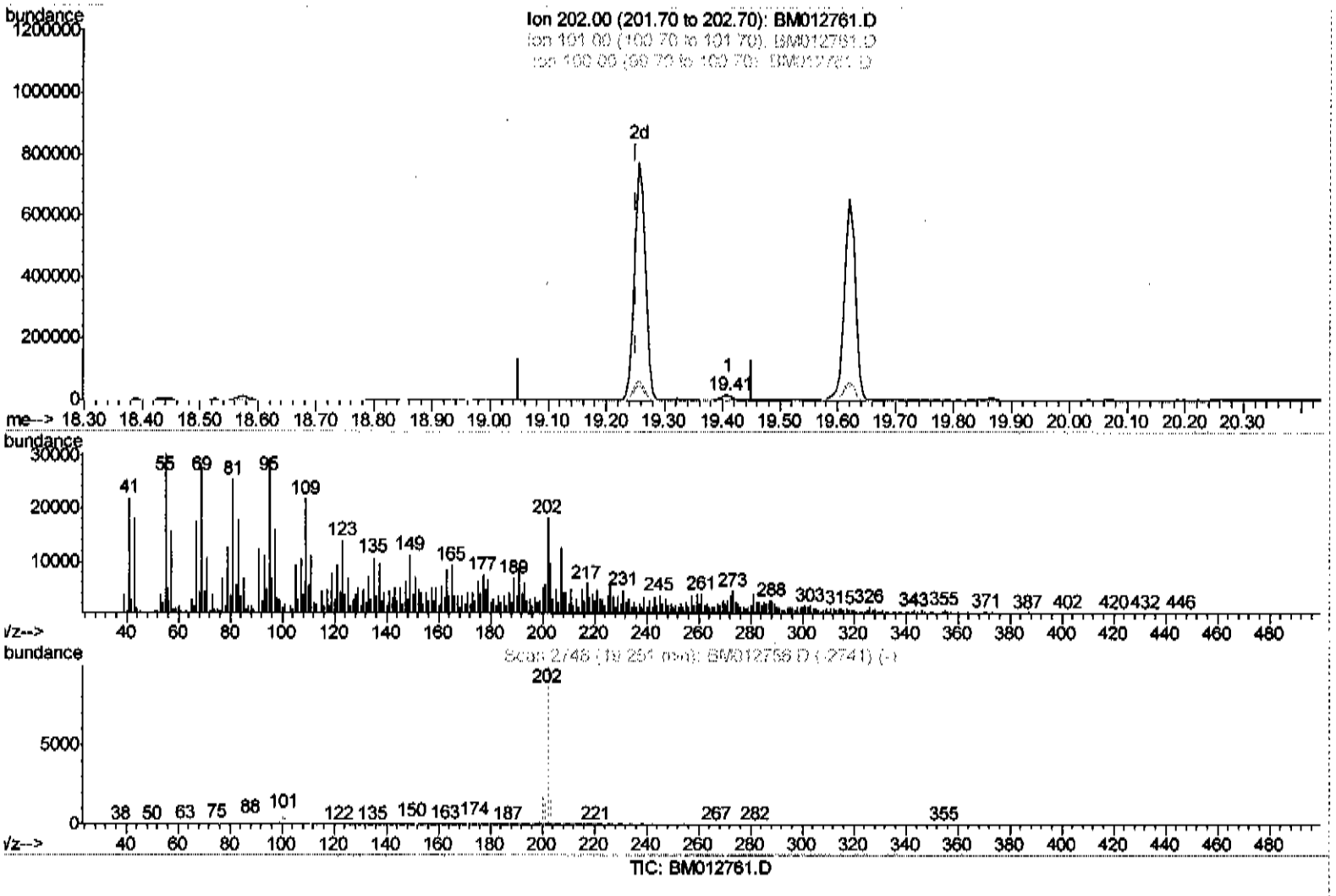
Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



TIC: BM012761.D

(76) Fluoranthene (C)

19.409min (+0.159) 0.40ng/ul

response 20474

Ion	Exp%	Act%
202.00	100	100
101.00	11.00	11.25
100.00	8.20	7.23
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 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
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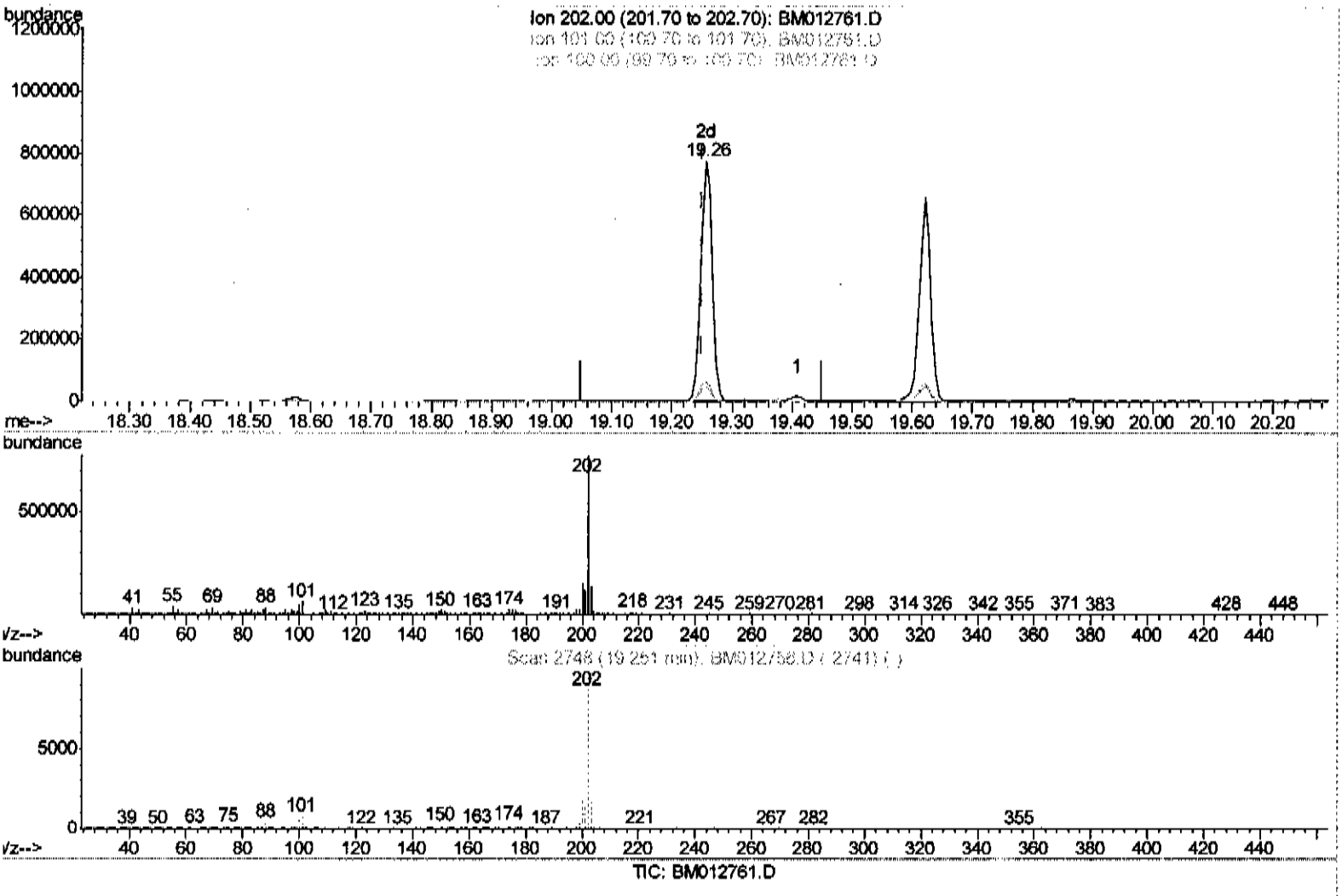
Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



TIC: BM012761.D

(76) Fluoranthene (C)

19.256min (+0.006) 19.52ng/ul m 9/11/17

response 999588

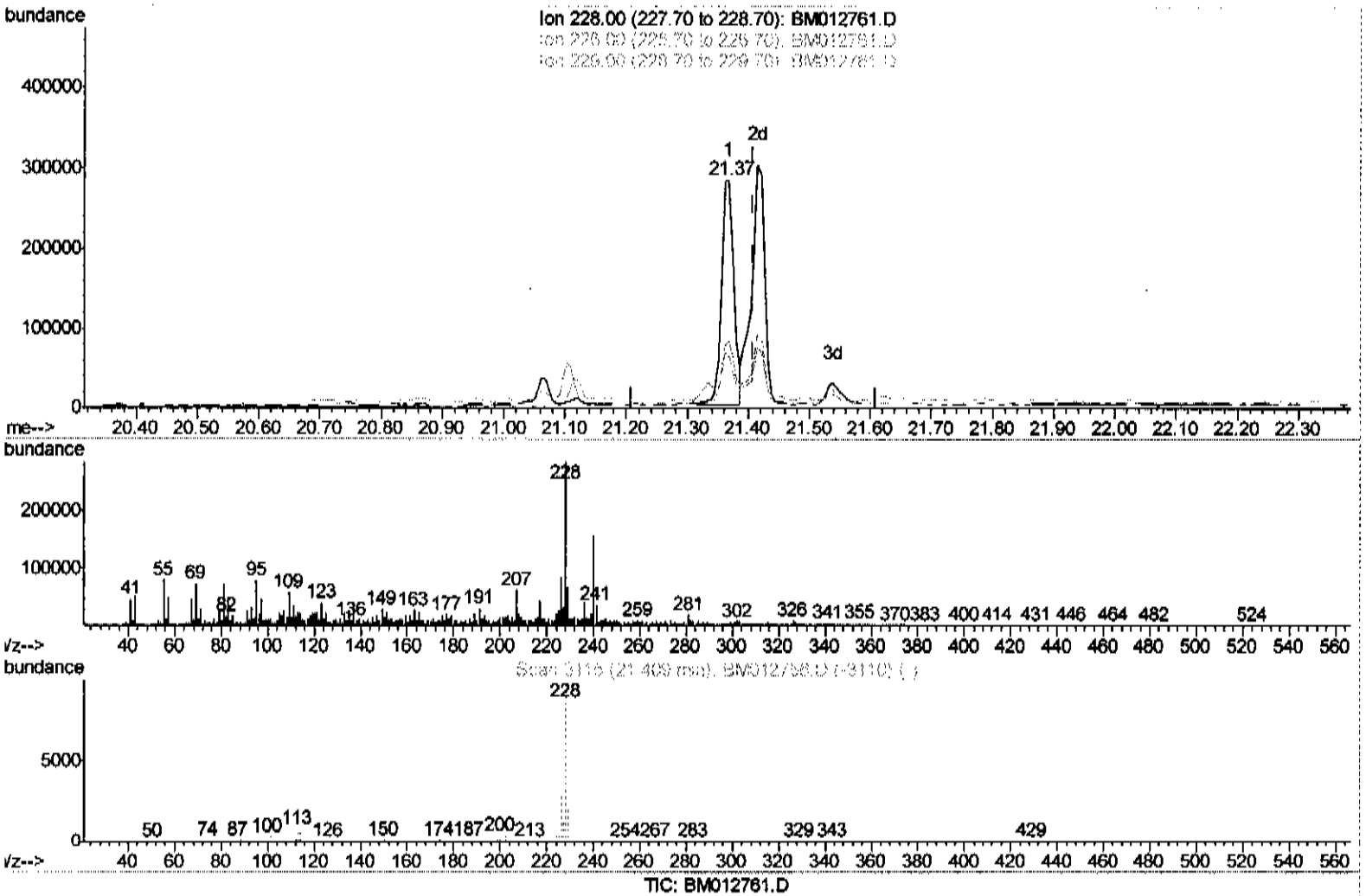
Ion	Exp%	Act%
202.00	100	100
101.00	11.00	8.04#
100.00	8.20	6.46#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 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

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

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



TIC: BM012761.D

(84) Chrysene

21.368min (-0.041) 10.77ng/ul

response 393683

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	29.77
229.00	19.50	23.18
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
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Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
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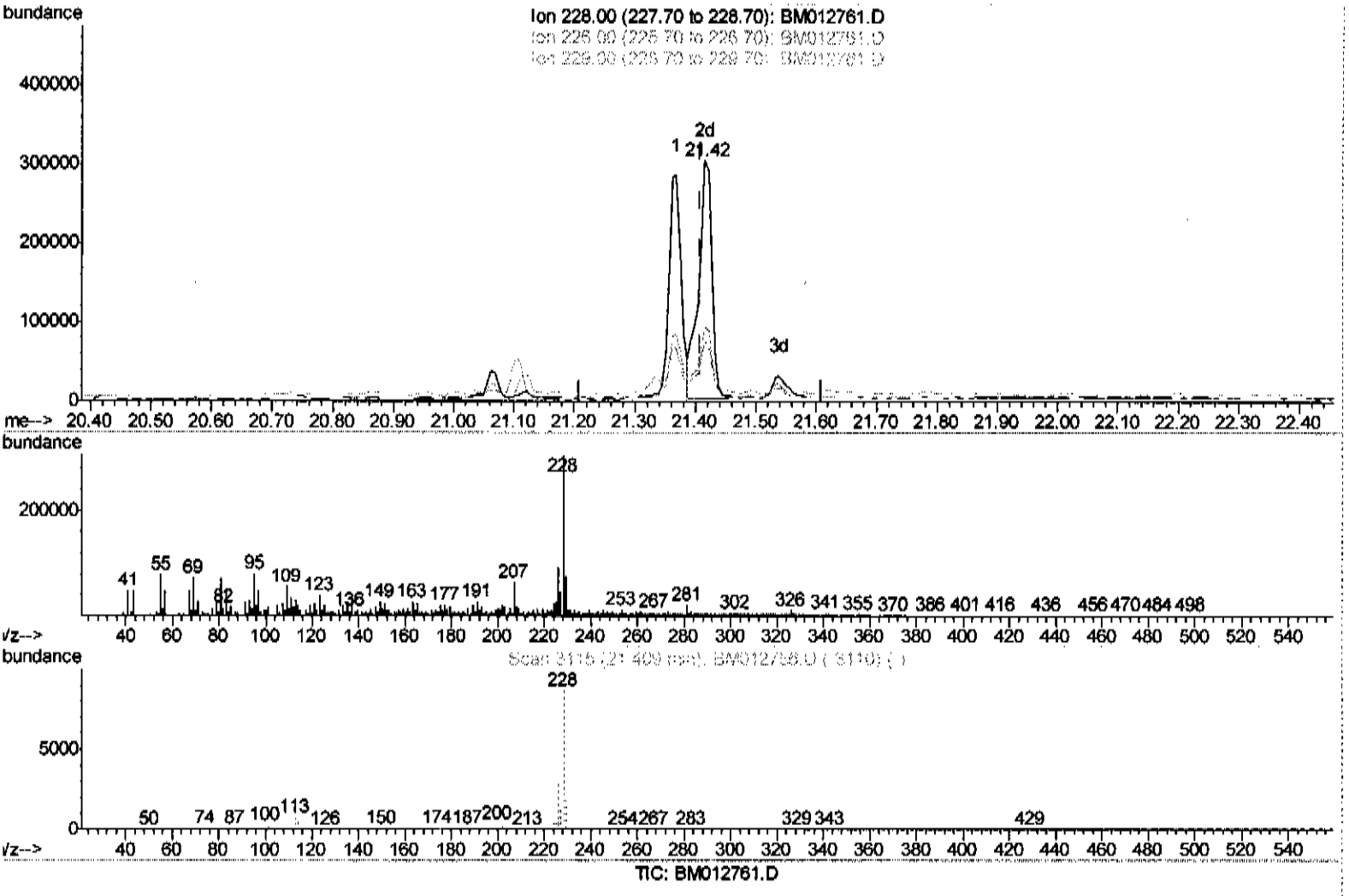
Instrument :
BNA_M
ClientSampleId :
B-19(0-1)-101117

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



TIC: BM012761.D

(84) Chrysene

21.415min (+0.006) 12.41ng/ul m JU 11/7/17

response 453669

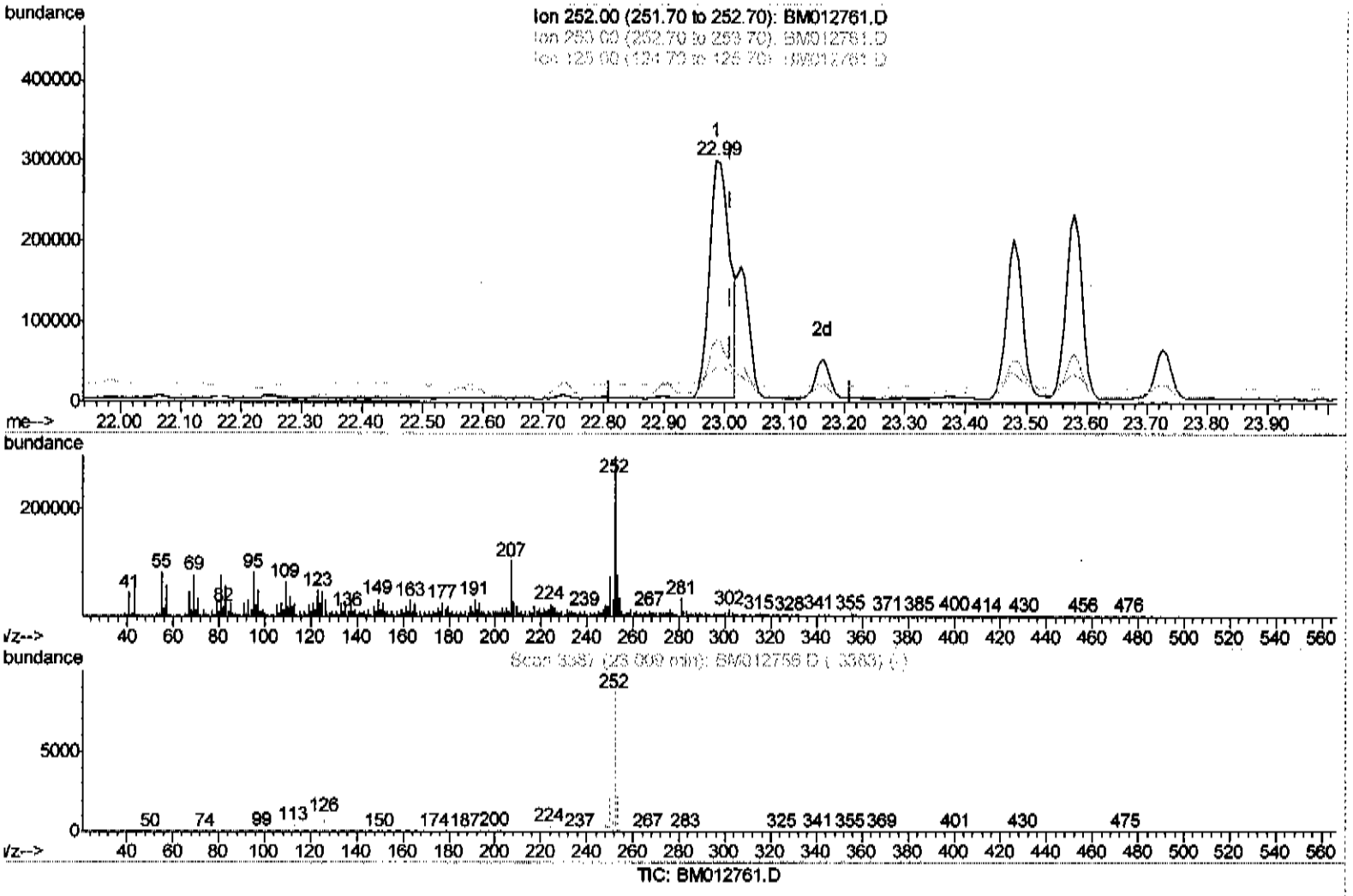
Ion	Exp%	Act%
228.00	100	100
226.00	30.00	30.54
229.00	19.50	24.61#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 06 07:24:07 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

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

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM



TIC: BM012761.D

(88) Benzo(k)fluoranthene

22.986min (-0.023) 16.87ng/ul

response 684477

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	25.71
125.00	10.20	14.34#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110517\
Data File : BM012761.D
Acq On : 06 Nov 2017 04:35
Operator : SJ/JU
Sample : I5825-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/6/2017 4:28:59 PM

Quant Time: Nov 06 07:46:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	113290	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	483387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	322610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	779606	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	666812	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	698432	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10217	4.87	ng/uL	0.00
5) Phenol-d5	6.99	99	283167	33.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	148460	32.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	231091	32.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	260564	35.81	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	121637	34.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	123506	30.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	267861	31.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	179004	22.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	927923	34.76	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	1183660	35.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	4859	1.14	ng/ul	0.02
57) Fluorene-d10	15.44	176	871437	38.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	1363	0.26	ng/ul	0.01
70) Anthracene-d10	17.30	188	1378205	36.59	ng/ul	0.00
78) Pyrene-d10	19.59	212	1349573	43.62	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	1237328	37.47	ng/ul	0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.96	77	6513	1.45	ng/ul#	89
6) Phenol	7.02	94	49557	5.73	ng/ul	98
44) Dimethylphthalate	13.90	163	467727	17.66	ng/ul	99
47) Acenaphthylene	14.17	152	46071	1.44	ng/ul	97
69) Phenanthrene	17.24	178	475958	11.17	ng/ul	100
71) Anthracene	17.33	178	90496	2.05	ng/ul	99
74) Carbazole	17.60	167	52245	1.42	ng/ul	98
75) Di-n-butylphthalate	18.16	149	163343	3.78	ng/ul	99
76) Fluoranthene	19.26	202	999588m>	19.52	ng/ul	
79) Pyrene	19.62	202	854404	21.48	ng/ul#	92
82) Benzo(a)anthracene	21.37	228	393683	9.76	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.29	149	829476	39.25	ng/ul#	94
84) Chrysene	21.42	228	453669m>	12.41	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	684477	16.04	ng/ul#	91
88) Benzo(k)fluoranthene	23.03	252	246531m>	6.08	ng/ul	
90) Benzo(a)pyrene	23.58	252	437026	10.76	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	26.01	276	387680	7.92	ng/ul#	86
92) Dibenzo(a,h)anthracene	26.01	278	96667	2.33	ng/ul#	66
93) Benzo(g,h,i)perylene	26.73	276	363765	9.02	ng/ul#	91

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