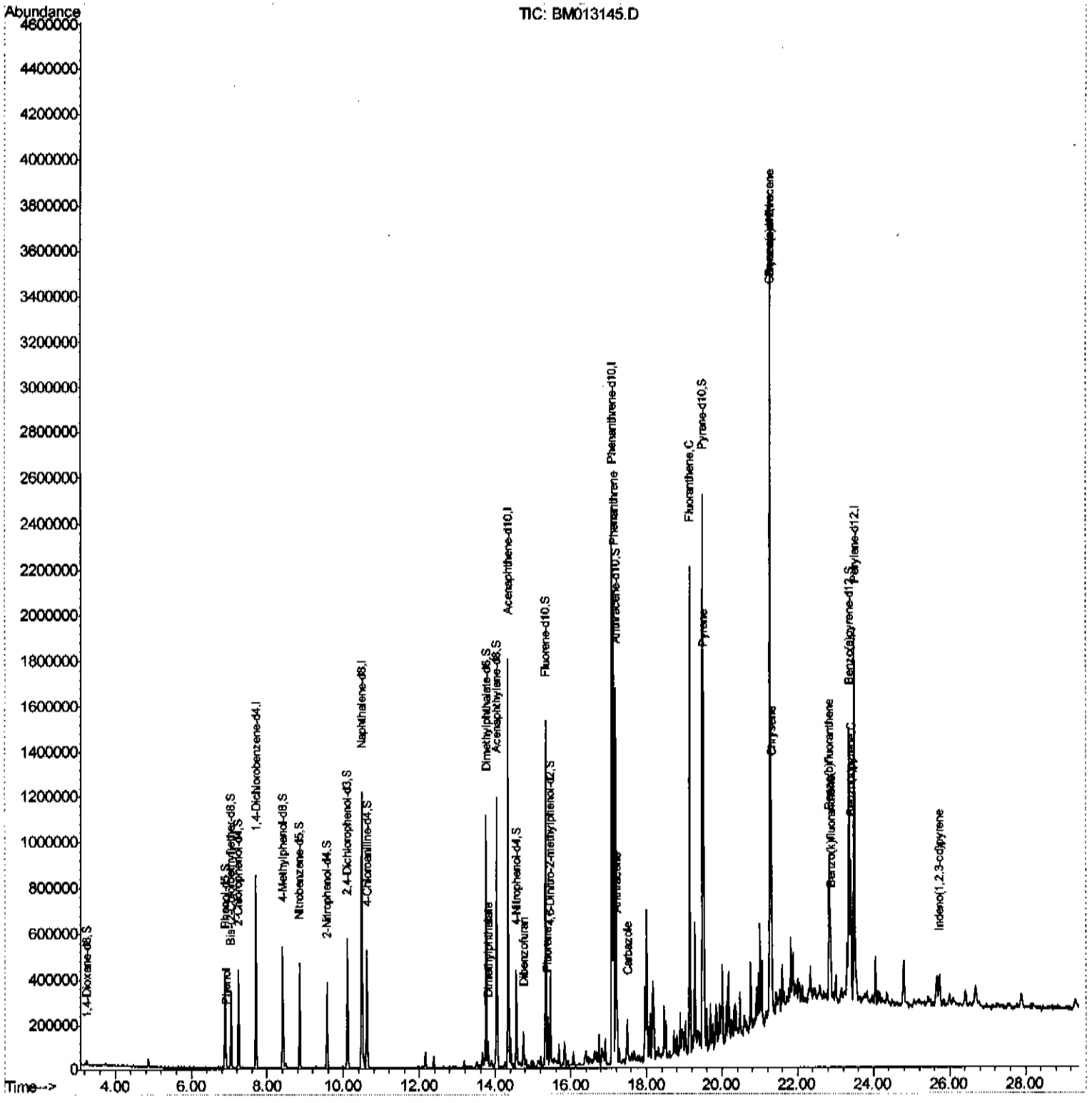
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 04:43:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM

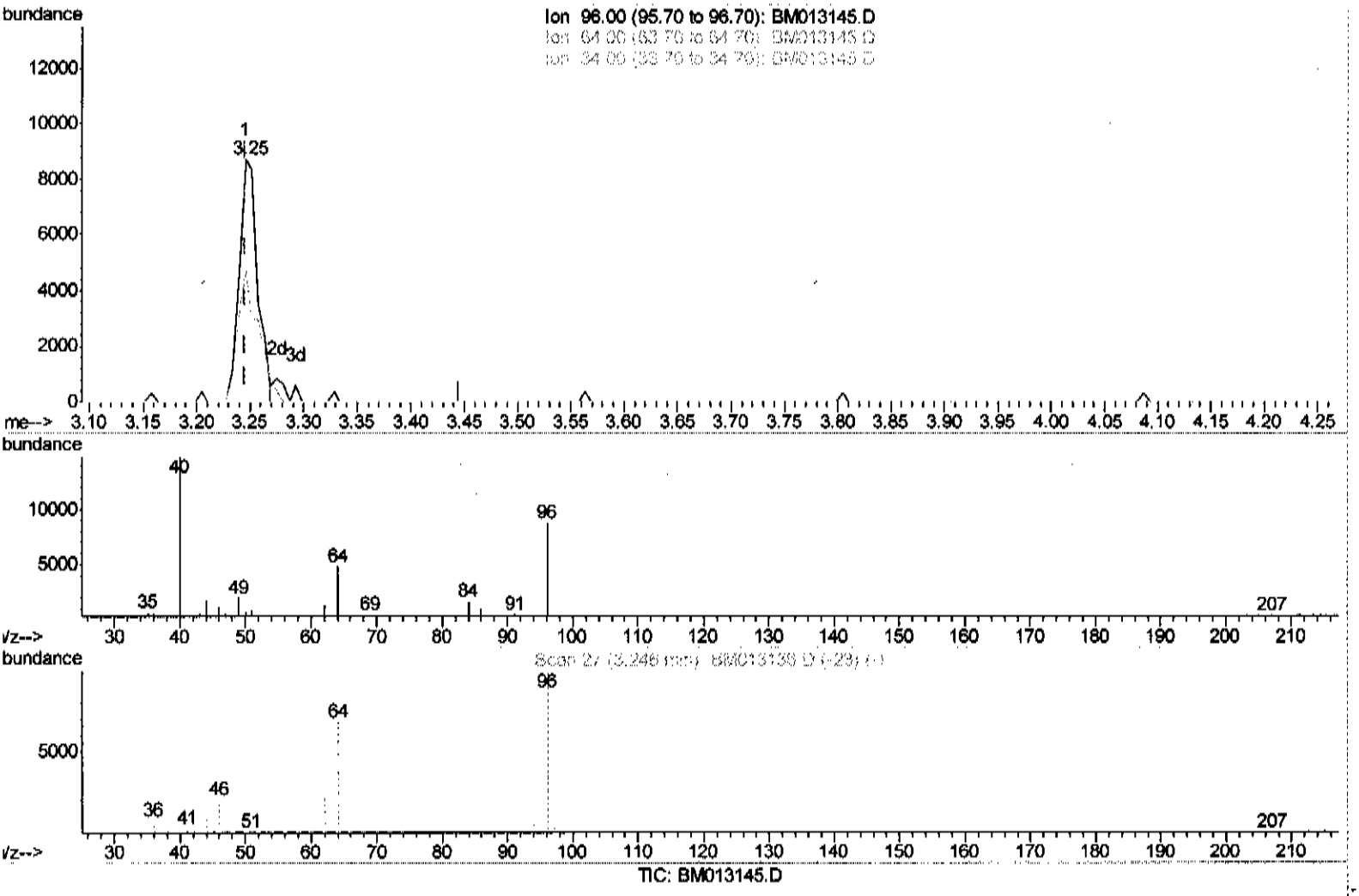


Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 03:47:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM



TIC: BM013145.D

(3) 1,4-Dioxane-d8 (S)

3.246min (-0.000) 2.23ng/uL

response 10357

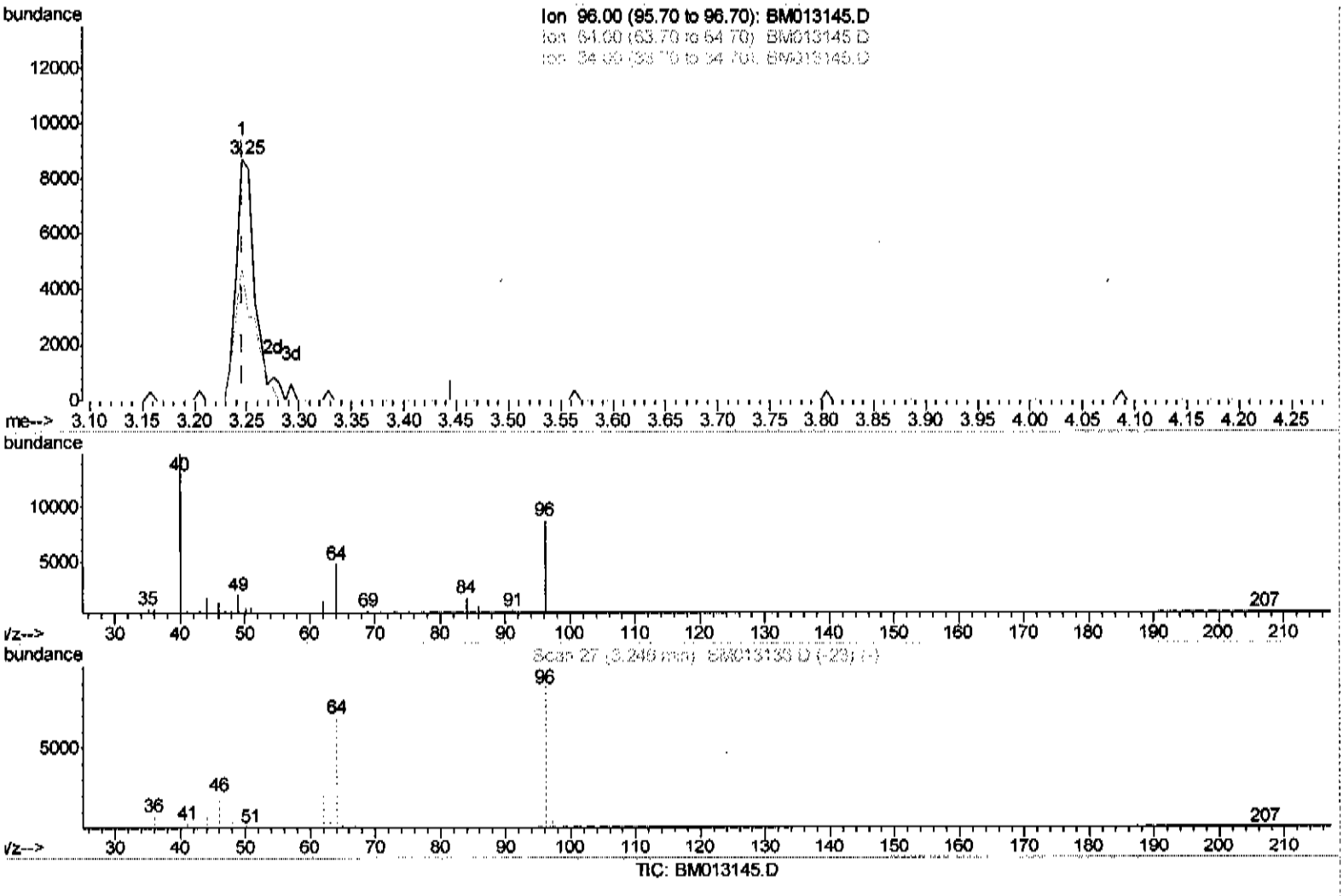
Ion	Exp%	Act%
96.00	100	100
64.00	74.90	60.99
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 03:47:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM



TIC: BM013145.D

(3) 1,4-Dioxane-d8 (S)

3.246min (-0.000) 2.34ng/uL m JU 11/29/17

response 10874

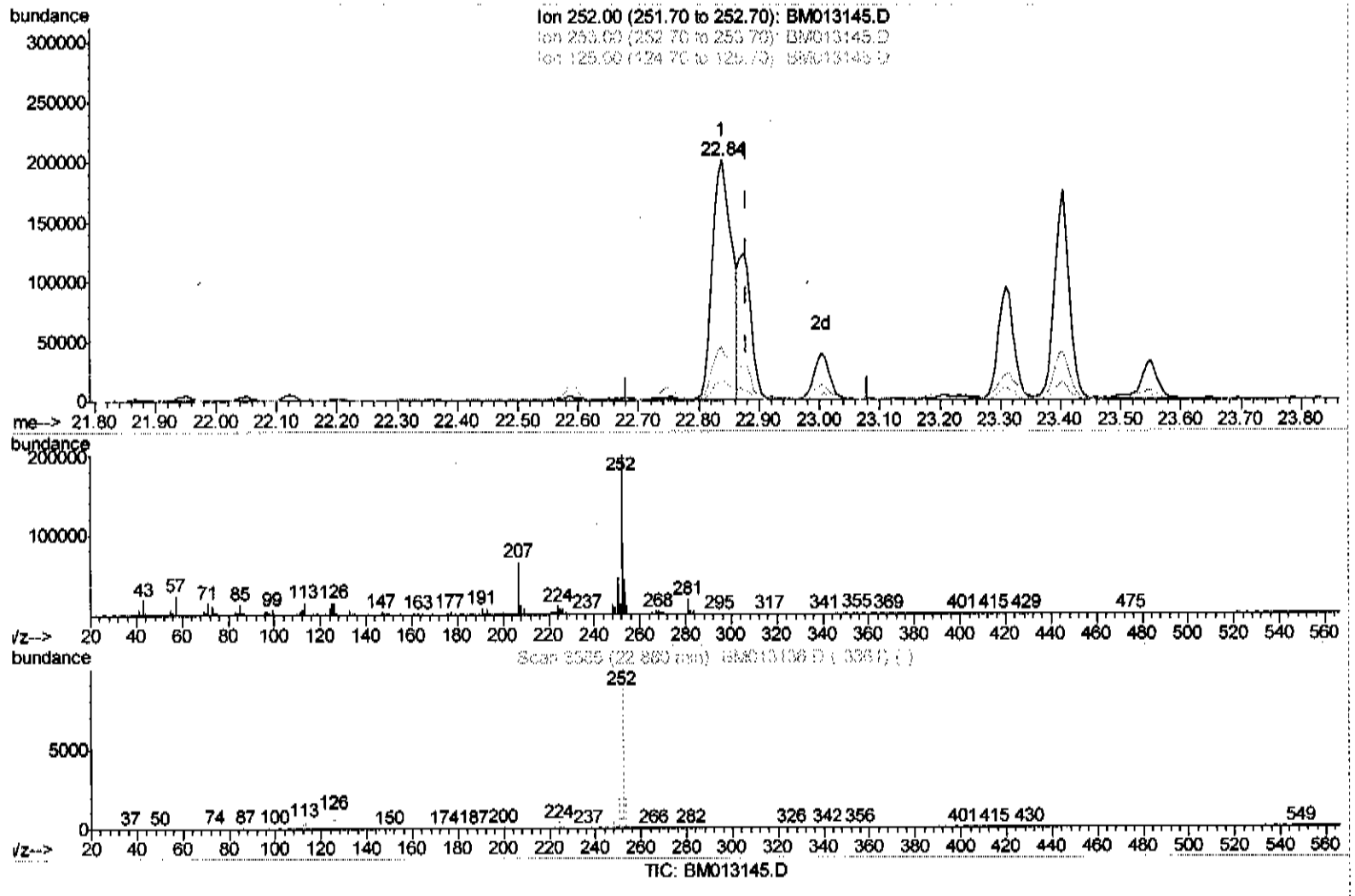
Ion	Exp%	Act%
96.00	100	100
64.00	74.90	58.09#
34.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 04:40:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM



(86) Benzo(k)fluoranthene

22.839min (-0.041) 6.57ng/ul

response 450839

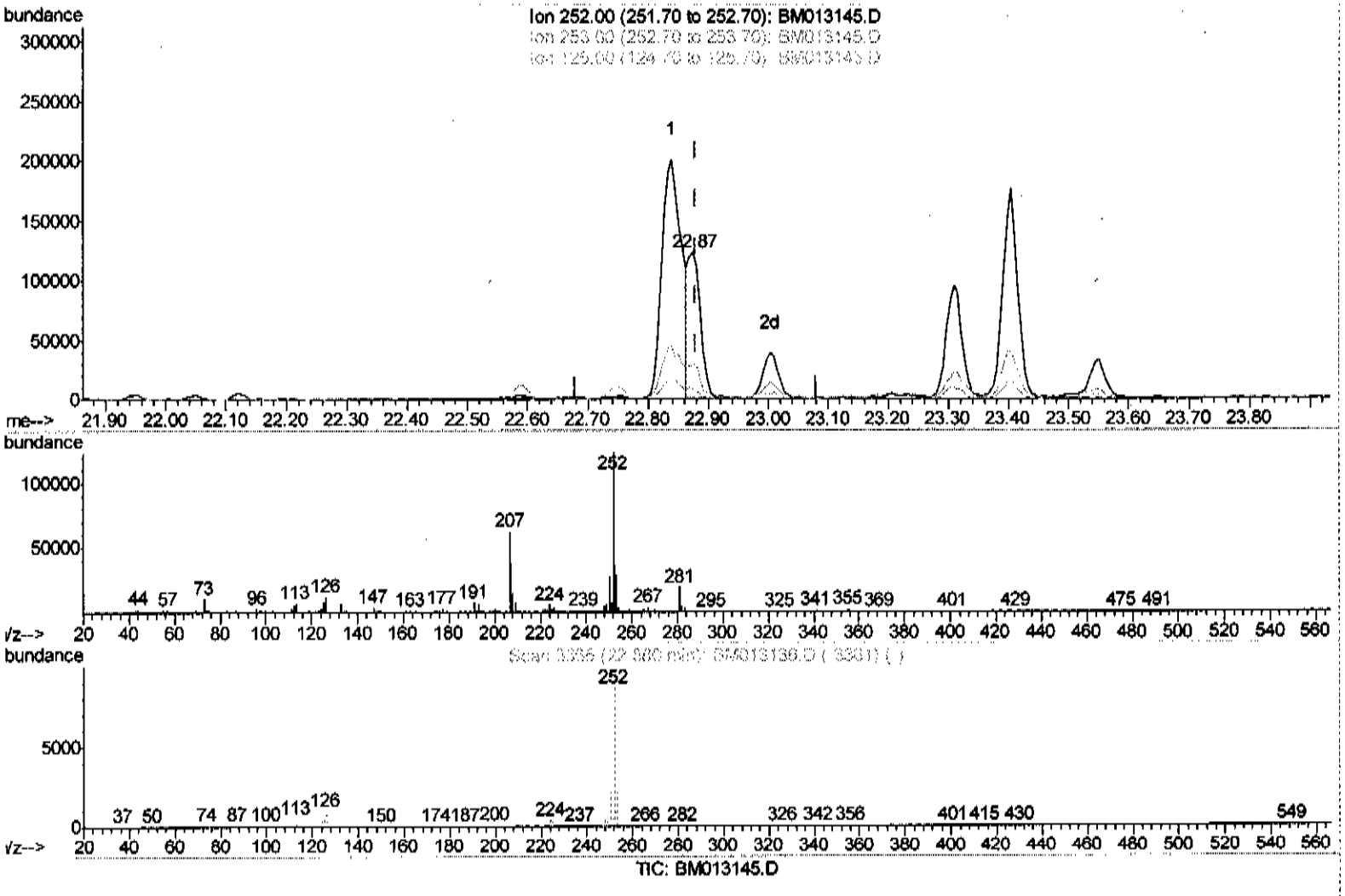
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.20
125.00	4.30	7.44#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 04:40:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM



(86) Benzo(k)fluoranthene

22.874min (-0.006) 2.56ng/ul m

response 175779

JU 11/28/17

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.70
125.00	4.30	6.54#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\
Data File : BM013145.D
Acq On : 28 Nov 2017 20:19
Operator : SJ/JU
Sample : I6556-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 29 04:43:17 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 29 03:43:23 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : B0GE4

Manual Integrations APPROVED
Sohil
11/29/2017 4:31:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	215358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	934051	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	578000	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1337930	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1467157	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1154185	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	10874m	2.34	ng/uL	0.00
5) Phenol-d5	6.89	99	218066	11.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	138834	13.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	178467	11.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	182295	11.93	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	98704	14.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	103500	16.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	191424	11.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	246968	14.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	686792	13.55	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	802456	12.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	89895	11.69	ng/ul	0.00
57) Fluorene-d10	15.34	176	568448	13.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	83885	14.46	ng/ul	0.00
70) Anthracene-d10	17.19	188	896295	13.09	ng/ul	0.00
76) Pyrene-d10	19.49	212	1001820	13.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	811854	13.87	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	30583	1.66	ng/ul#	80
44) Dimethylphthalate	13.80	163	68204	1.41	ng/ul#	95
53) Dibenzofuran	14.75	168	81006	1.41	ng/ul	96
58) Fluorene	15.39	166	85694	1.82	ng/ul	99
69) Phenanthrene	17.13	178	1183841	15.73	ng/ul	98
71) Anthracene	17.22	178	280414	3.59	ng/ul	97
72) Carbazole	17.50	167	110144	1.63	ng/ul	99
74) Fluoranthene	19.15	202	1249387	13.74	ng/ul#	93
77) Pyrene	19.52	202	977568	10.70	ng/ul#	95
80) Benzo(a)anthracene	21.26	228	623693	6.64	ng/ul	100
82) Chrysene	21.31	228	531937	6.11	ng/ul	96
85) Benzo(b)fluoranthene	22.84	252	450839	6.04	ng/ul#	98
86) Benzo(k)fluoranthene	22.87	252	175779m	2.56	ng/ul	98
88) Benzo(a)pyrene	23.40	252	300010	4.32	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	119047	1.47	ng/ul#	93

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