

Instrument :
BNA_M
ClientSampleId :
F9A50ME

Sohil
12/20/2017 3:49:31 PM

TIC: BM013511.D

Abundance

Time-->

Peak labels:

- Benzene-d6,S
- 1,4-Dichlorobenzene-d4,I
- 4-Methylphenol-d8,S
- Nitrobenzene-d5,S
- 2-Nitrophenol-d4,S
- 2,4-Dichlorophenol-d3,S
- Naphthalene-d8,I
- 4-Chloroaniline-d4,S
- Dimethylphthalate-d8,S
- Acenaphthenanthrene-d8,S
- 4-Methylphenol-d8,S
- 4,6-Dinitro-2-methylphenol-d10,S
- Pentachlorophenol,C
- Phenanthrene-d10,I
- Fluoranthene,C
- Pyrene
- Chrysene
- Benzofluoranthene
- Benzo(a)pyrene-d12,I
- Dibenz(a,h)pyrene
- Benzo(g,h,i)perylene

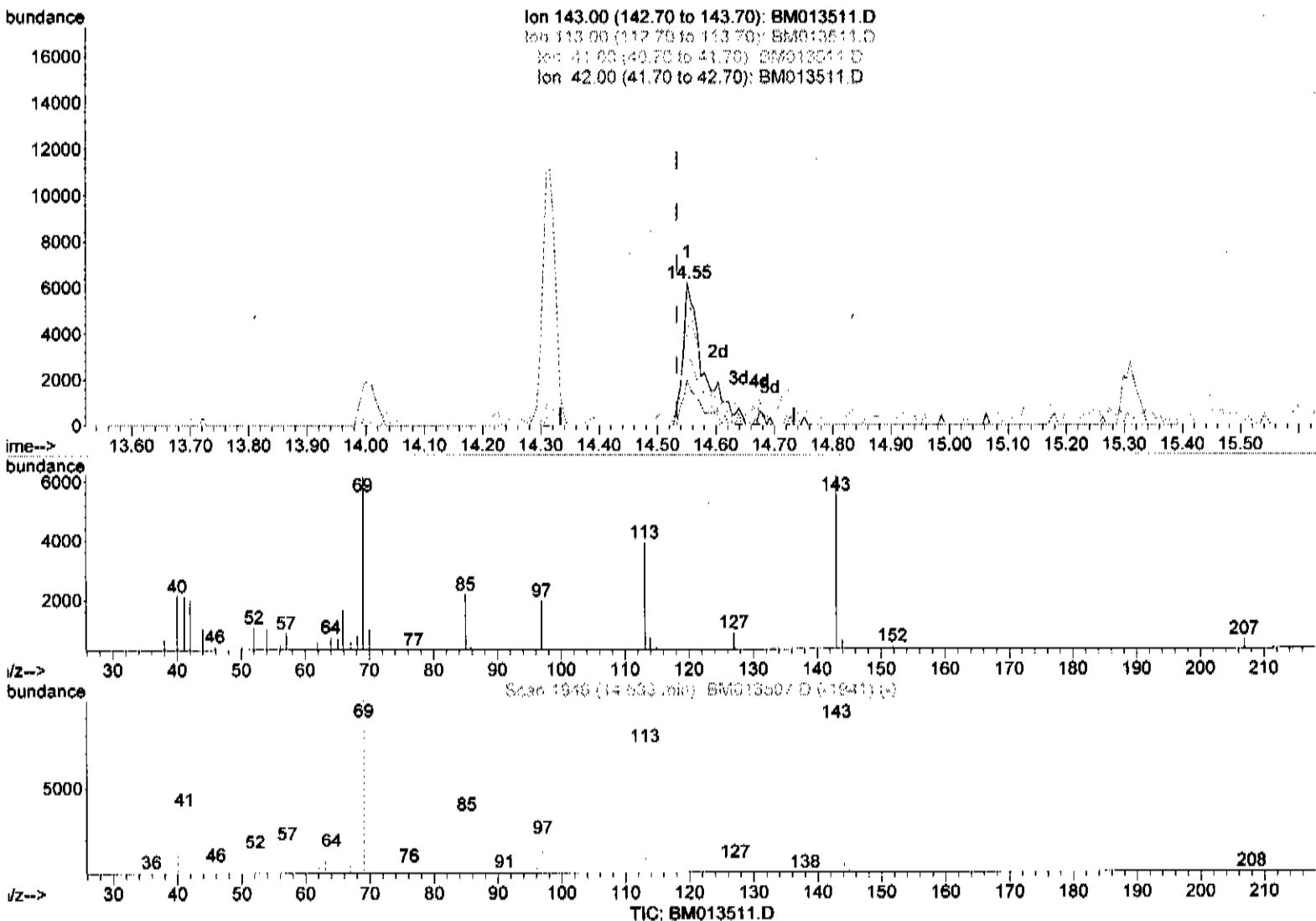
Data Path : Z:\HPCHEM1\BNA M\Data\BM121917\
 Data File : BM013511.D
 Acq On : 19 Dec 2017 14:00
 Operator : SJ/JU
 Sample : I6775-15ME 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Dec 20 10:00:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

14.551min (+0.018) 2.26ng/ul m

response 14470

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	62.91#
41.00	34.80	33.87
42.00	20.50	31.80#

JU 12/20/17

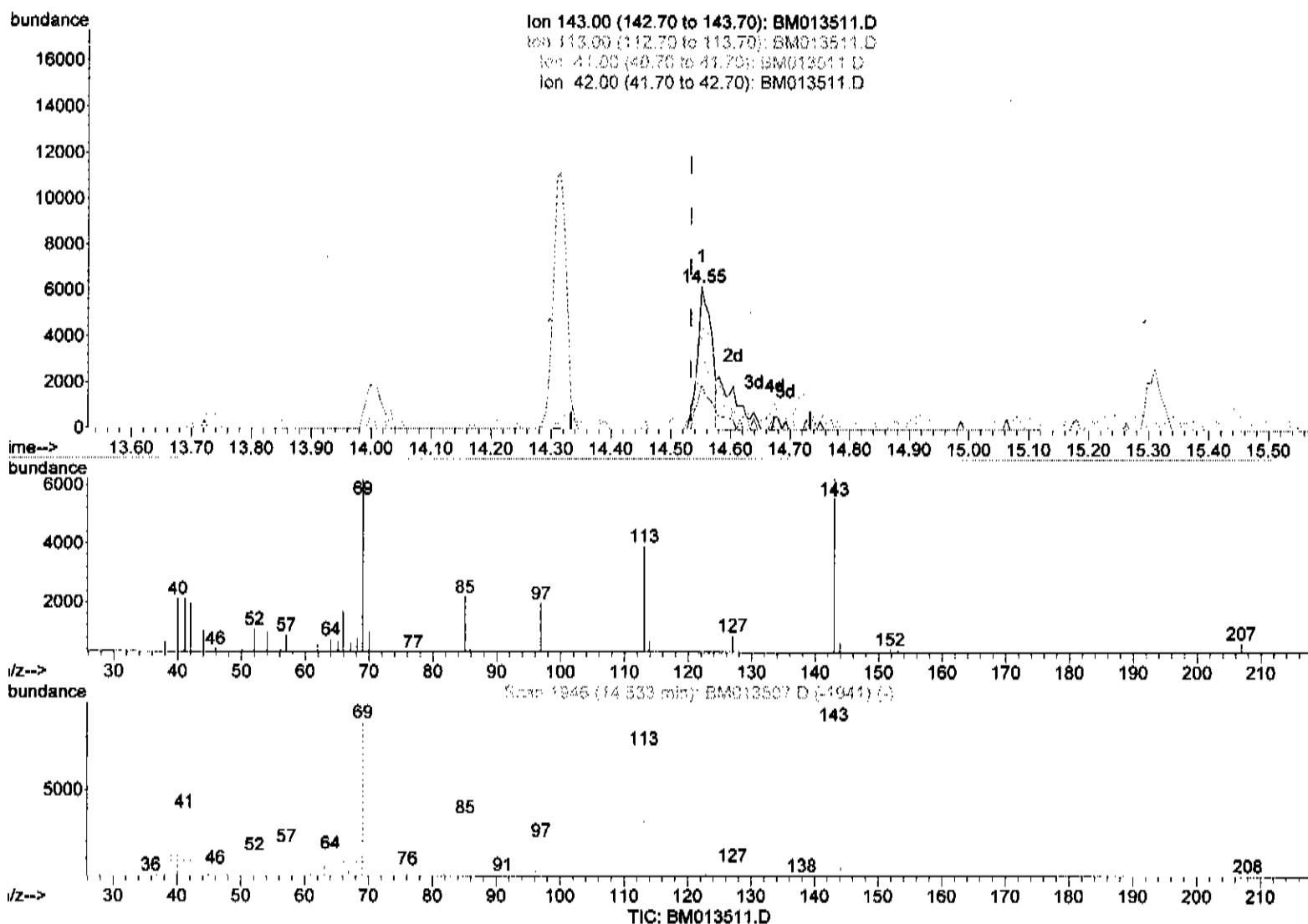
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(51) 4-Nitrophenol-d4 (S)

14.551min (+0.018) 1.57ng/ul

response 10064

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	62.91#
41.00	34.80	33.87
42.00	20.50	31.80#

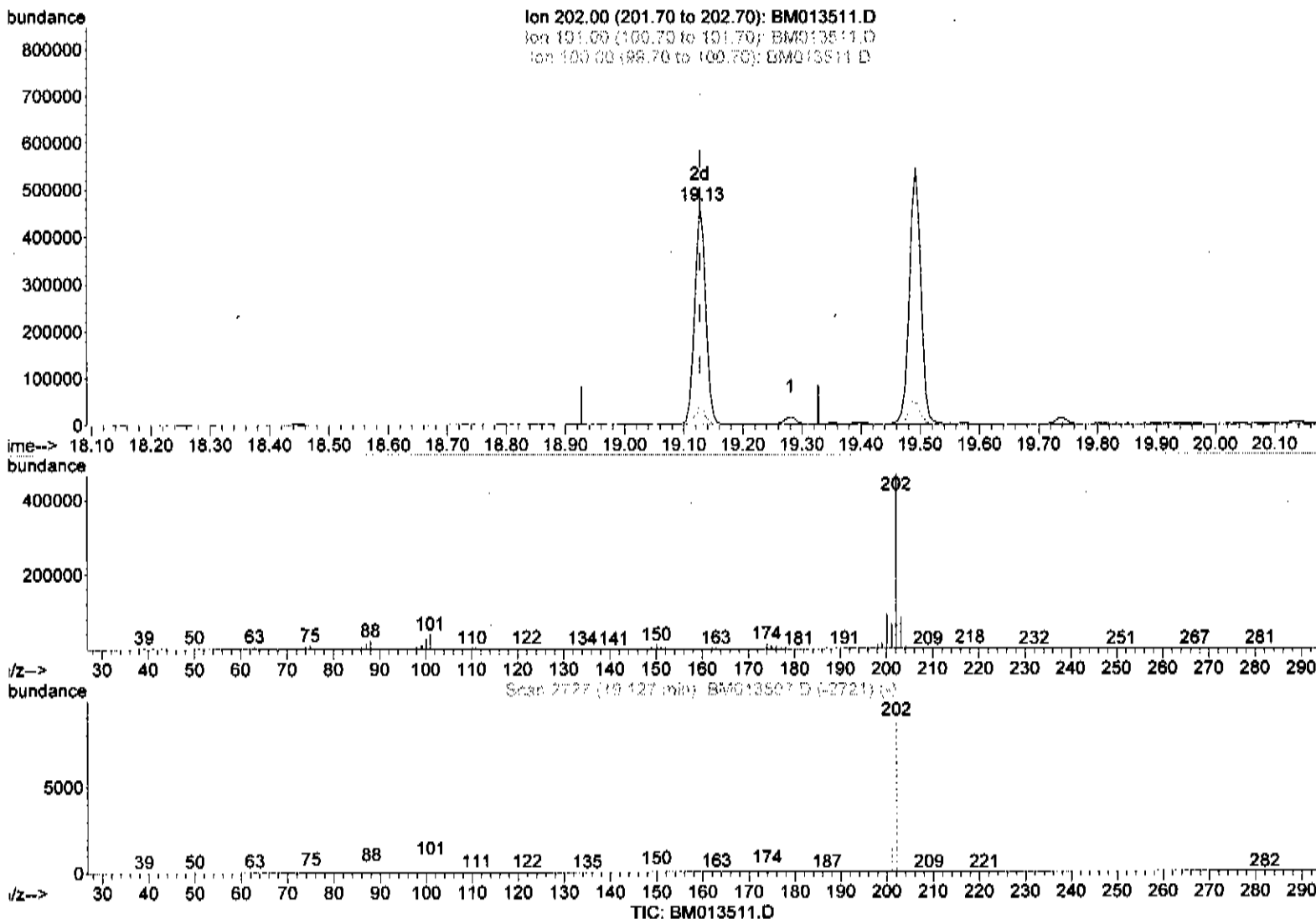
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(74) Fluoranthene (C)

19.127min (-0.000) 9.52ng/ul m

response 605363

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	8.67#
100.00	4.30	5.89#
0.00	0.00	0.00

July 2017

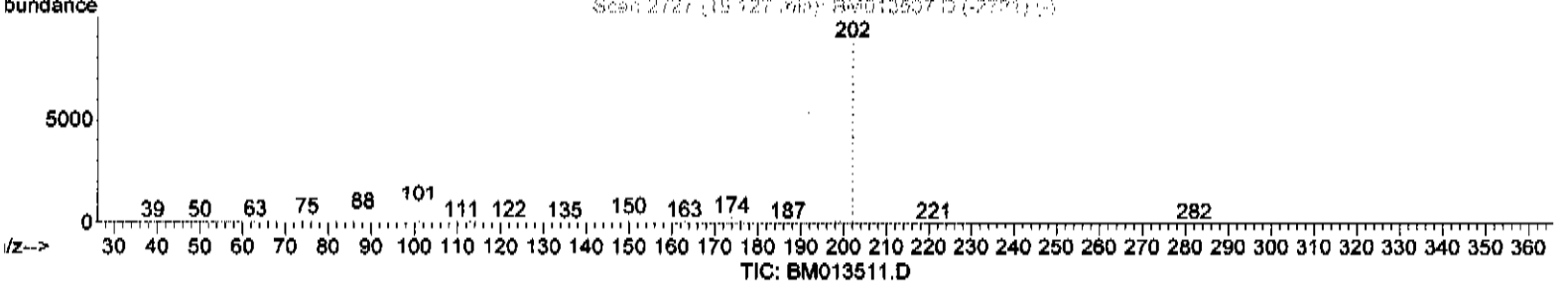
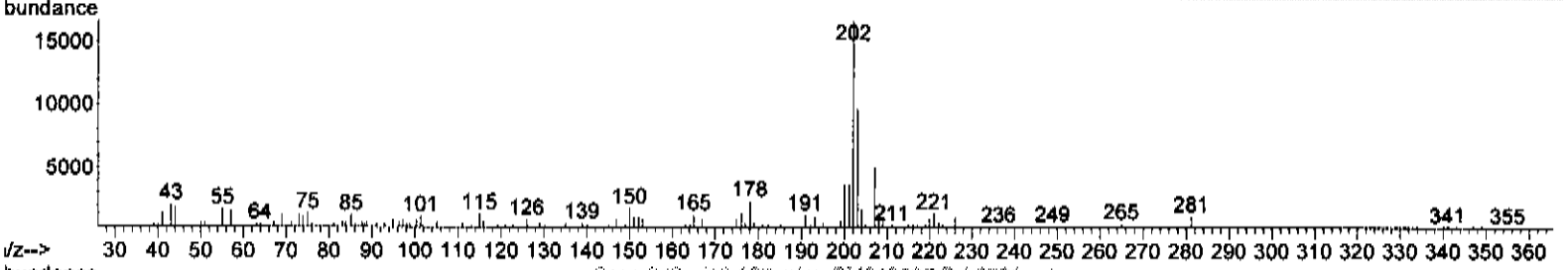
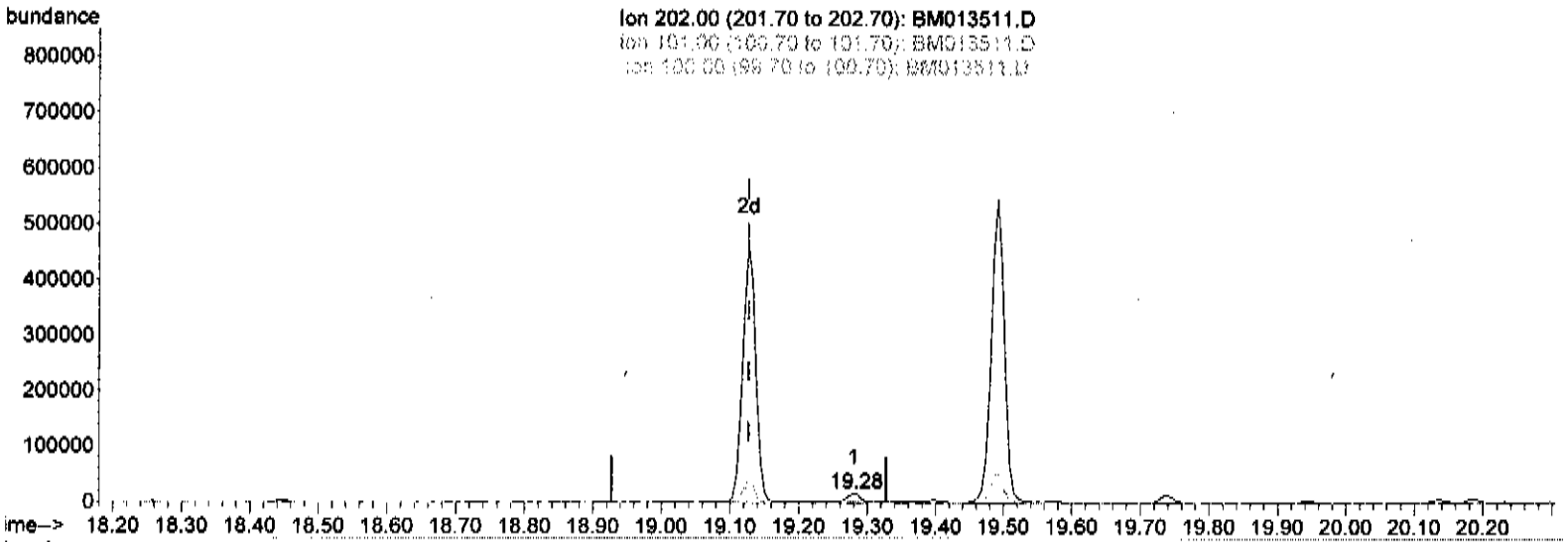
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(74) Fluoranthene (C)

19.280min (+0.153) 0.34ng/ul

response 21455

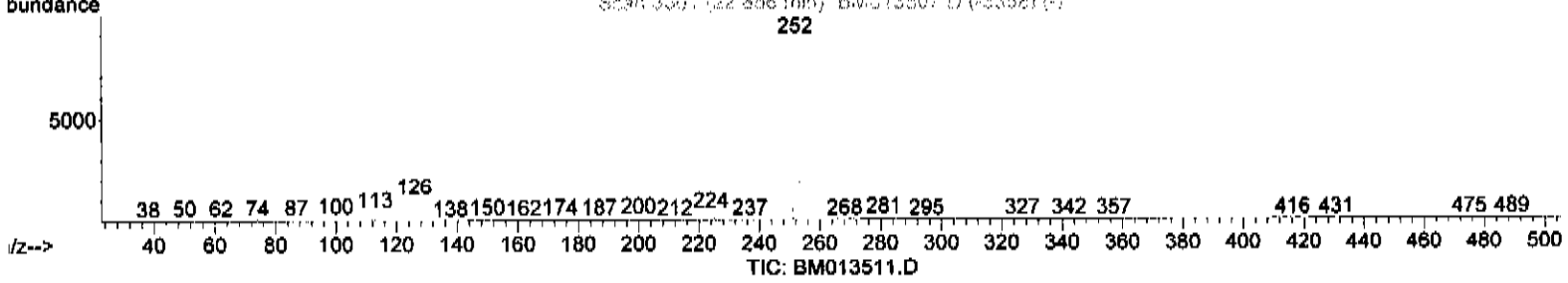
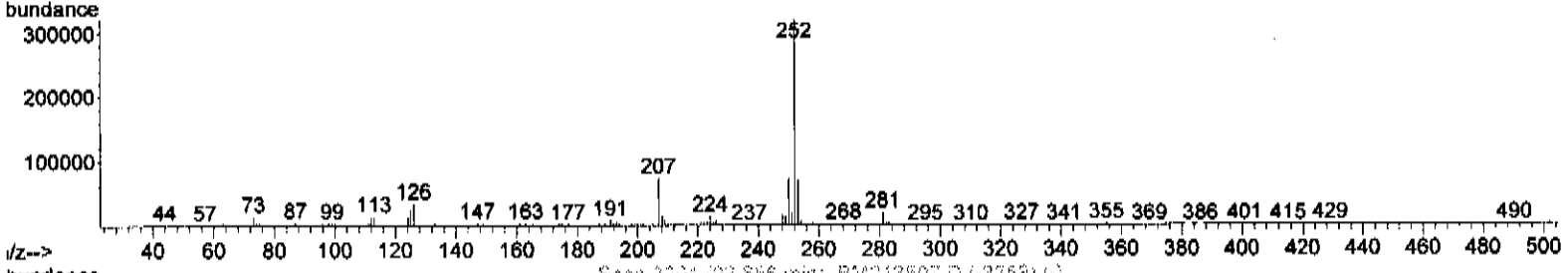
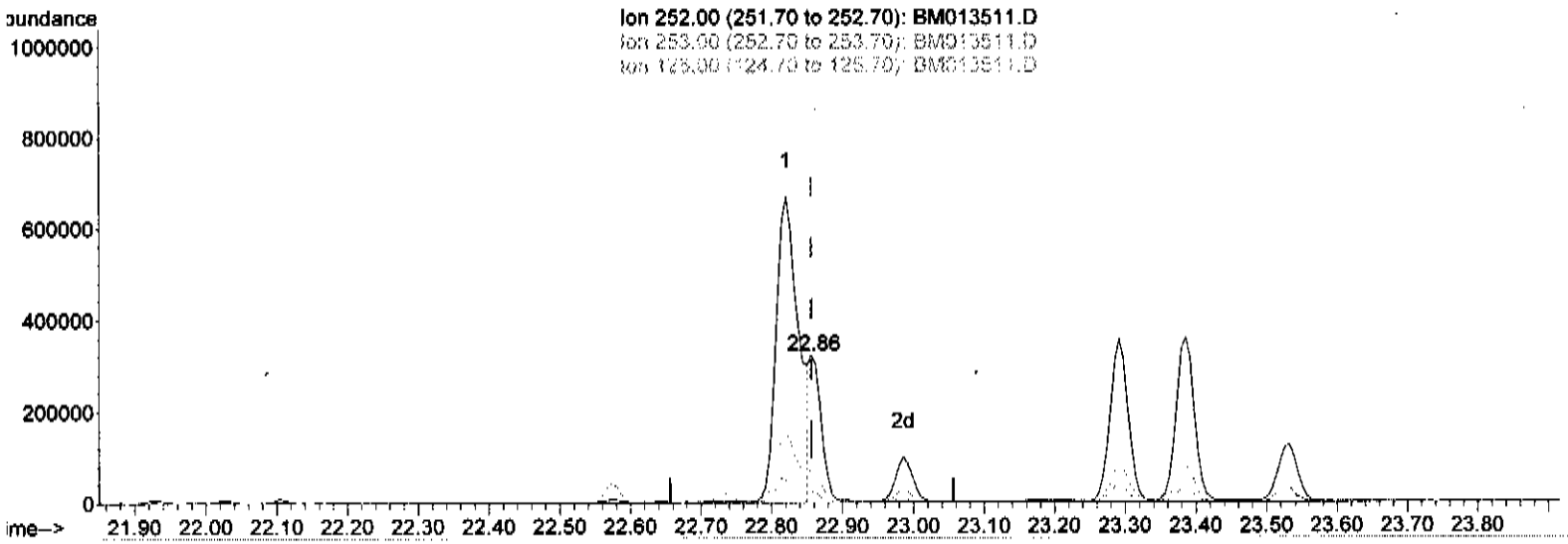
Ion	Exp%	Act%
202.00	100	100
101.00	5.80	6.90
100.00	4.30	5.08
0.00	0.00	0.00

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Operator : SJ/JU
Sample : I6775-15ME 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampled :
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Quant Time: Dec 20 10:00:06 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 20 03:10:37 2017
Response via : Initial Calibration

Manual Integrations
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12/20/2017 3:49:31 PM



(86) Benzo(k)fluoranthene

22.856min (-0.000) 7.47ng/ul m

Jul 12 2017

response 375957

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	21.72
125.00	4.30	7.64#
0.00	0.00	0.00

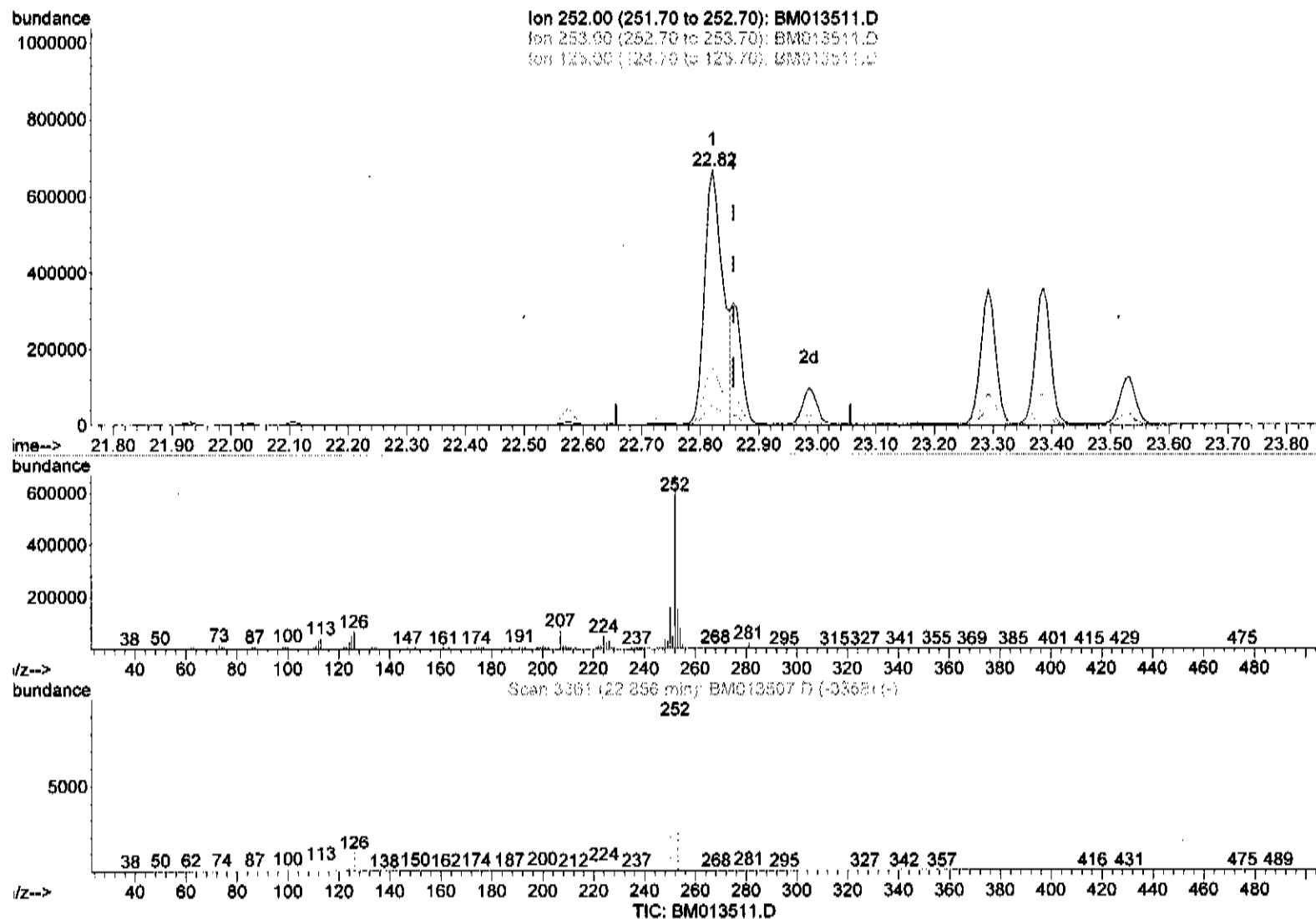
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 Sample : I6775-15ME 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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Quant Time: Dec 20 10:00:06 2017
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.821min (-0.035) 29.17ng/ul

response 1467717

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.32
125.00	4.30	7.20#
0.00	0.00	0.00

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121917\
 Data File : BM013511.D
 Acq On : 19 Dec 2017 14:00
 Operator : SJ/JU
 Sample : I6775-15ME 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:49:31 PM

Quant Time: Dec 20 10:05:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 20 03:10:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	159197	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	717402	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	414300	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	913624	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	918821	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	793173	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	2991	0.93	ng/uL	0.00
5) Phenol-d5	6.85	99	64315	4.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	38499	4.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	48797	4.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	52833	4.49	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	27074	4.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	25243	4.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	50291	4.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	59996	5.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	170779	4.63	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	216883	4.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	14470m	2.26	ng/ul	0.02
57) Fluorene-d10	15.31	176	149767	4.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	12339	2.15	ng/ul	0.00
70) Anthracene-d10	17.16	188	234199	5.12	ng/ul	0.00
76) Pvrene-d10	19.46	212	250132	5.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	197481	4.89	ng/ul	0.00

Target Compounds

					Ovalue	
47) Acenaphthylene	14.04	152	124342	2.953	ng/ul	97
49) Acenaphthene	14.38	153	37198	1.297	ng/ul	96
68) Pentachlorophenol	16.72	266	14818	2.163	ng/ul	94
69) Phenanthrene	17.11	178	277274	5.342	ng/ul	99
71) Anthracene	17.20	178	265568	5.006	ng/ul	97
74) Fluoranthene	19.13	202	605363m	9.517	ng/ul	97
77) Pvrene	19.49	202	730835	13.092	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	476440	8.173	ng/ul	99
82) Chrysene	21.30	228	469421	8.679	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	1467717	27.450	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	375957m	7.472	ng/ul	97
88) Benzo(a)pyrene	23.39	252	640586	13.337	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	372006	7.806	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	89664	2.210	ng/ul#	88
91) Benzo(g,h,i)perylene	26.40	276	267101	7.105	ng/ul#	93

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