

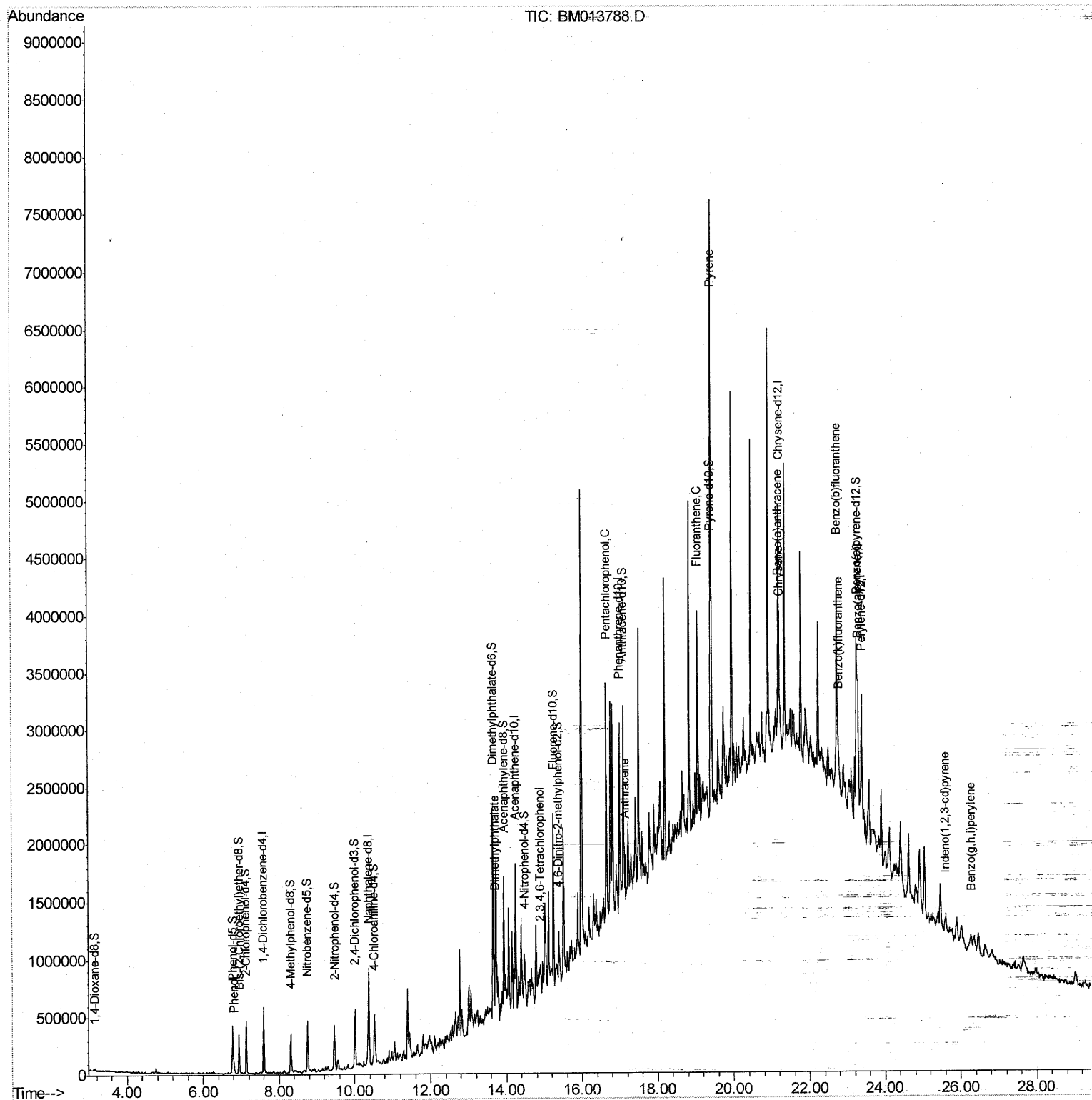
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013788.D
Acq On : 25 Jan 2018 03:12
Operator : SJ/JU
Sample : J1223-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
Client Sample ID :
F6A98

Manual Integrations
APPROVED

Sohil
1/25/2018 5:35:45 PM

Quant Time: Jan 25 05:59:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration



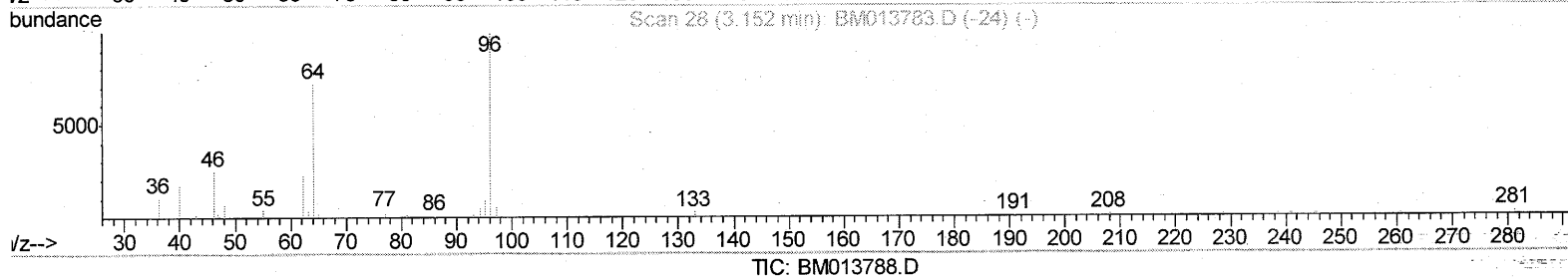
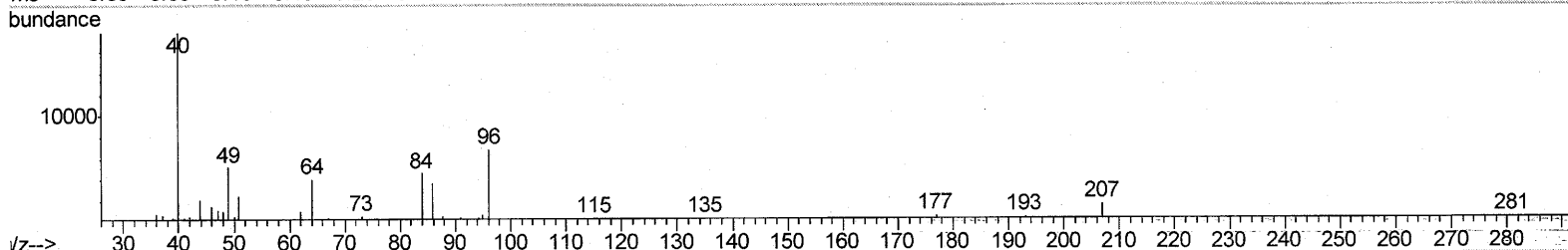
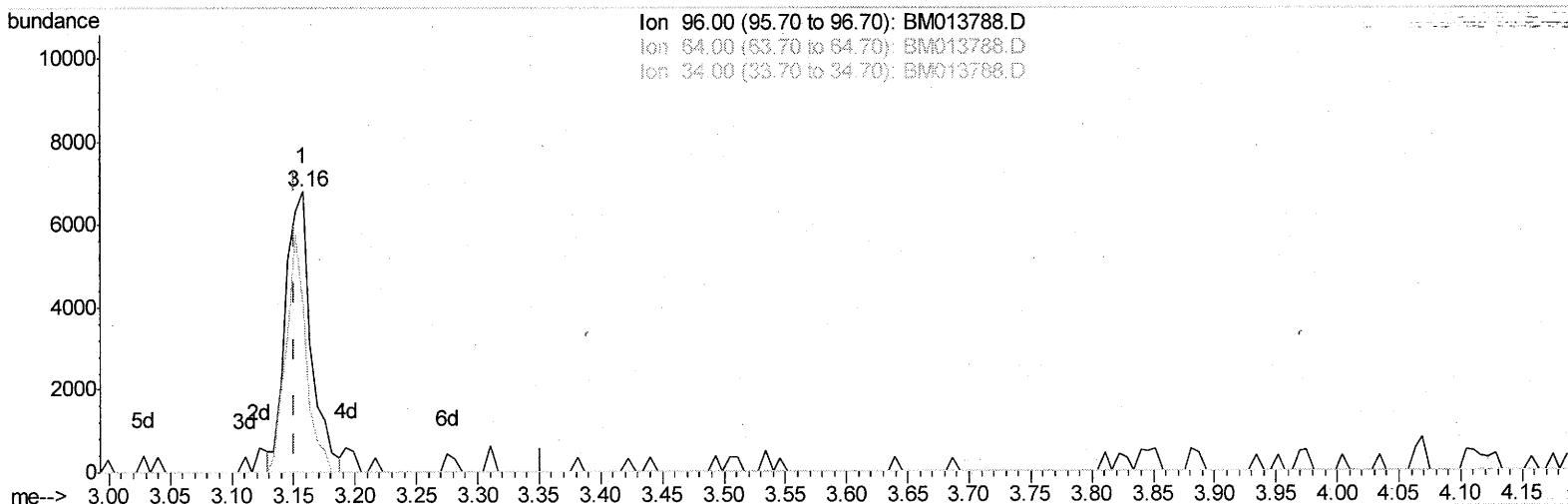
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(3) 1,4-Dioxane-d8 (S)

3.158min (+0.006) 2.57ng/uL

response 9753

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	66.16
34.00	0.00	0.00
0.00	0.00	0.00

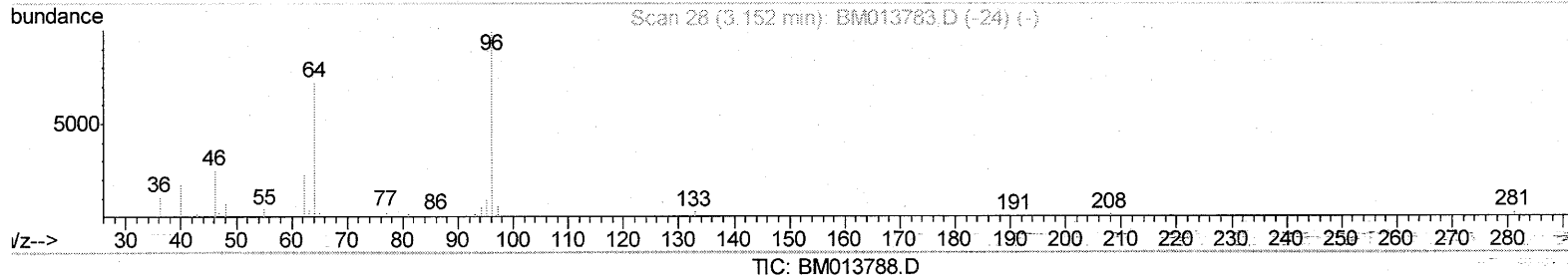
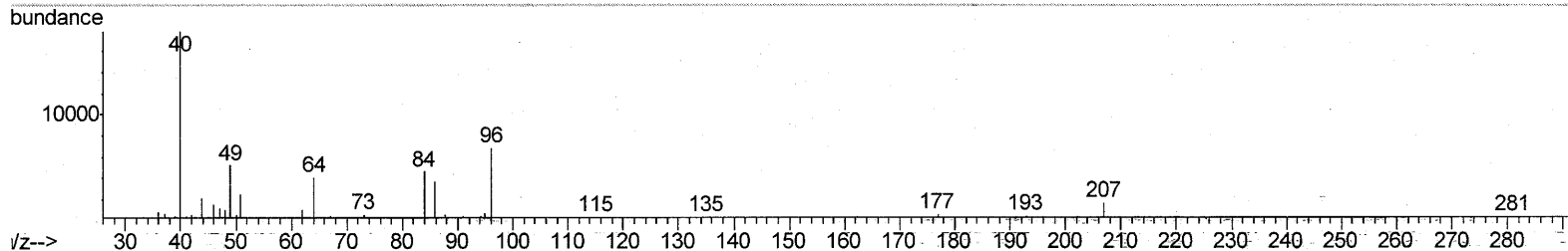
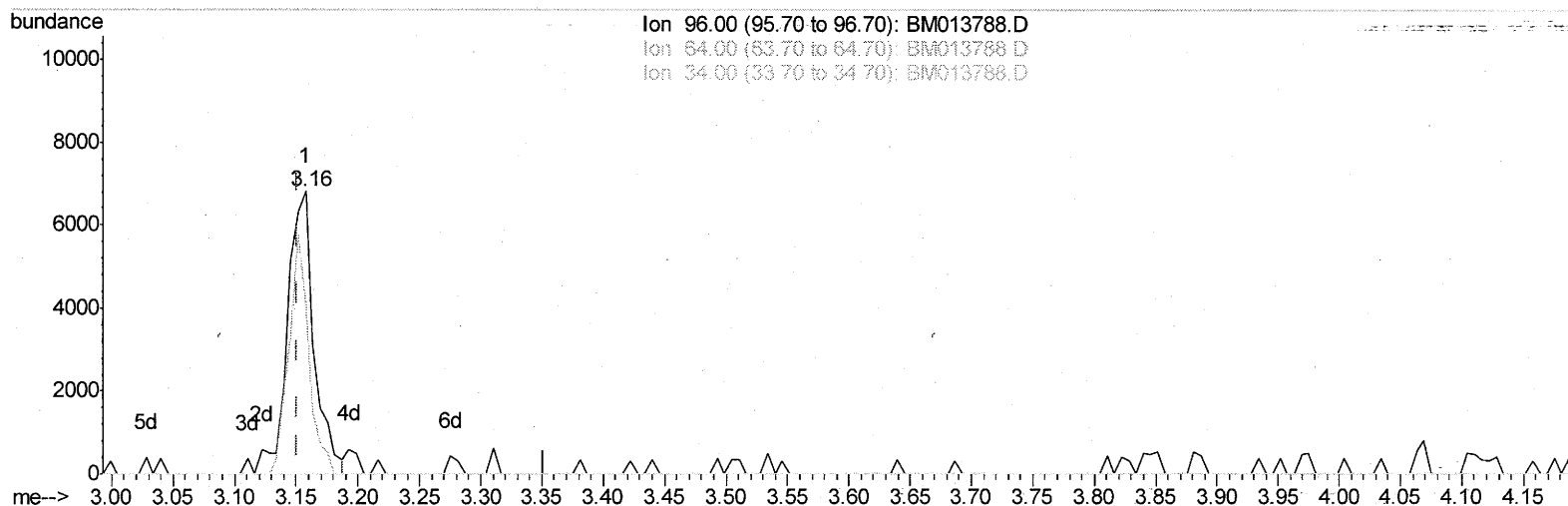
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(3) 1,4-Dioxane-d8 (S)

3.158min (+0.006) 2.67ng/uL m

601/27/18

response 10134

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	63.68
34.00	0.00	0.00
0.00	0.00	0.00

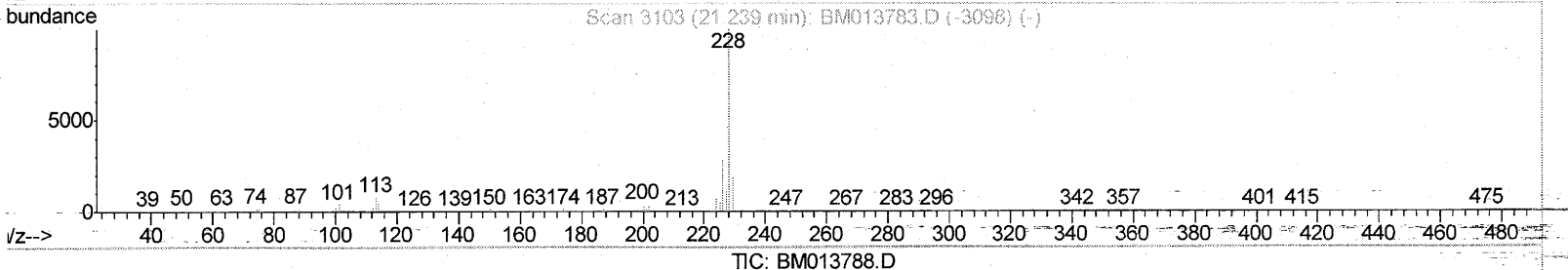
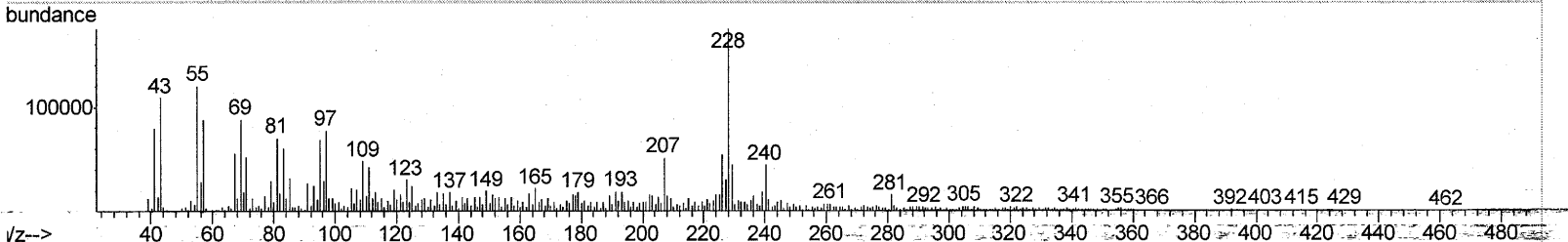
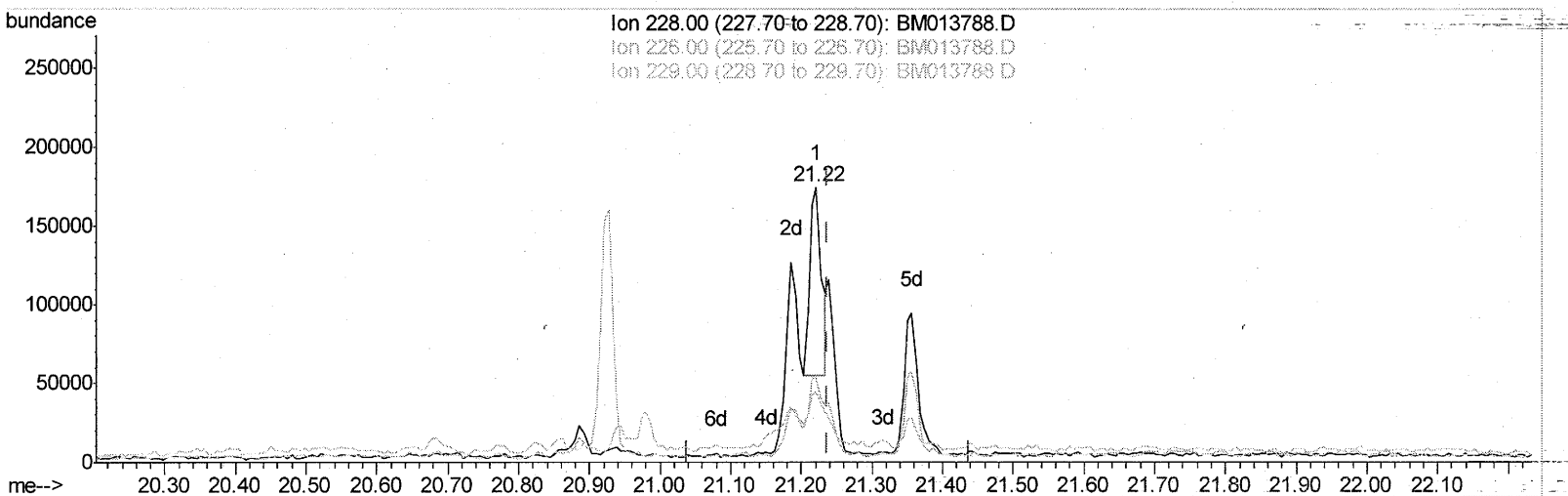
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(82) Chrysene

21.221min (-0.017) 3.22ng/ul

response 136495

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.68
229.00	19.40	25.49#
0.00	0.00	0.00

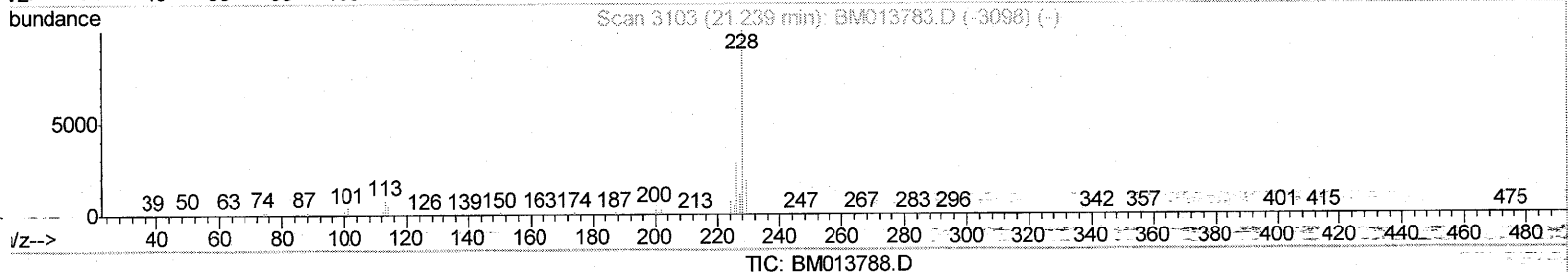
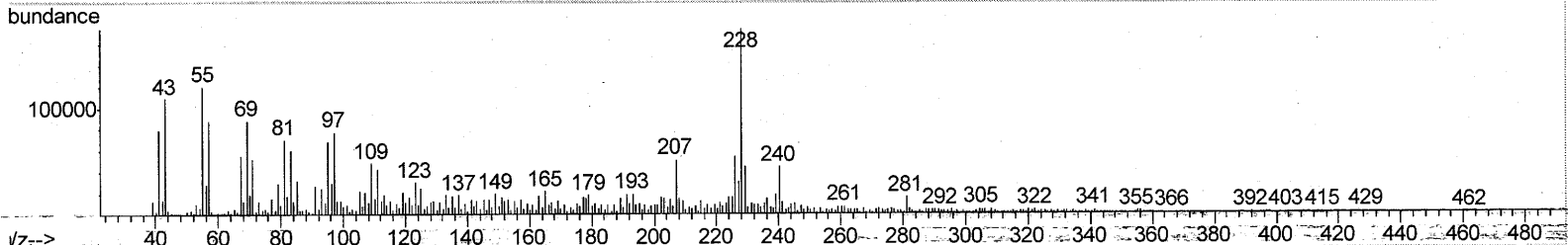
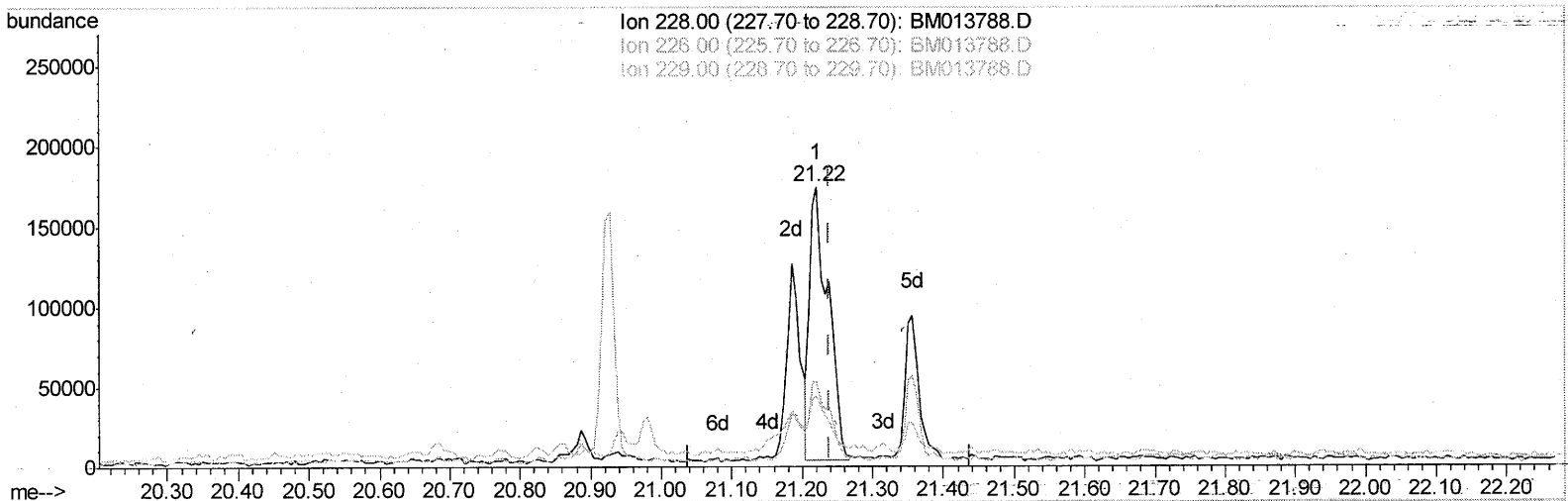
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(82) Chrysene

21.221min (-0.017) 7.47ng/ul m

SJ 1/27/18

response 316226

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.68
229.00	19.40	25.49#
0.00	0.00	0.00

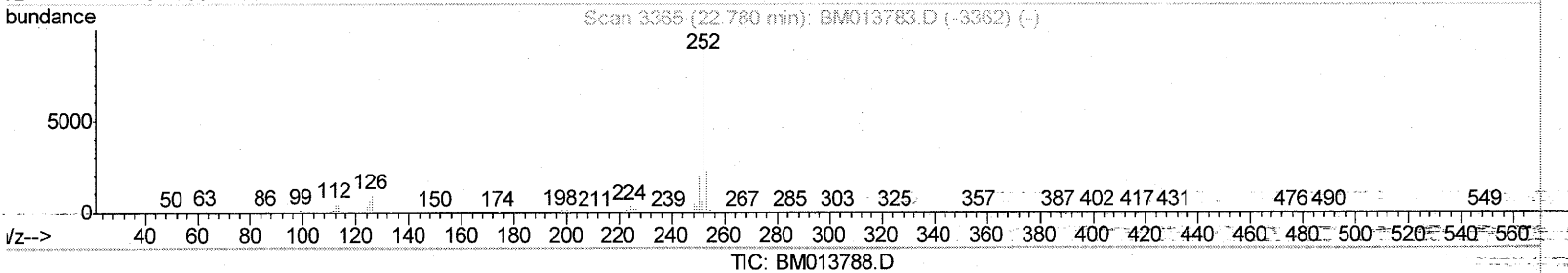
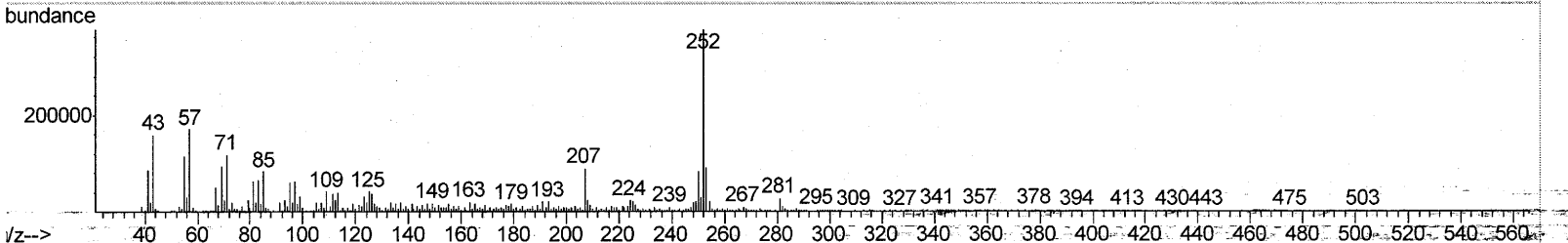
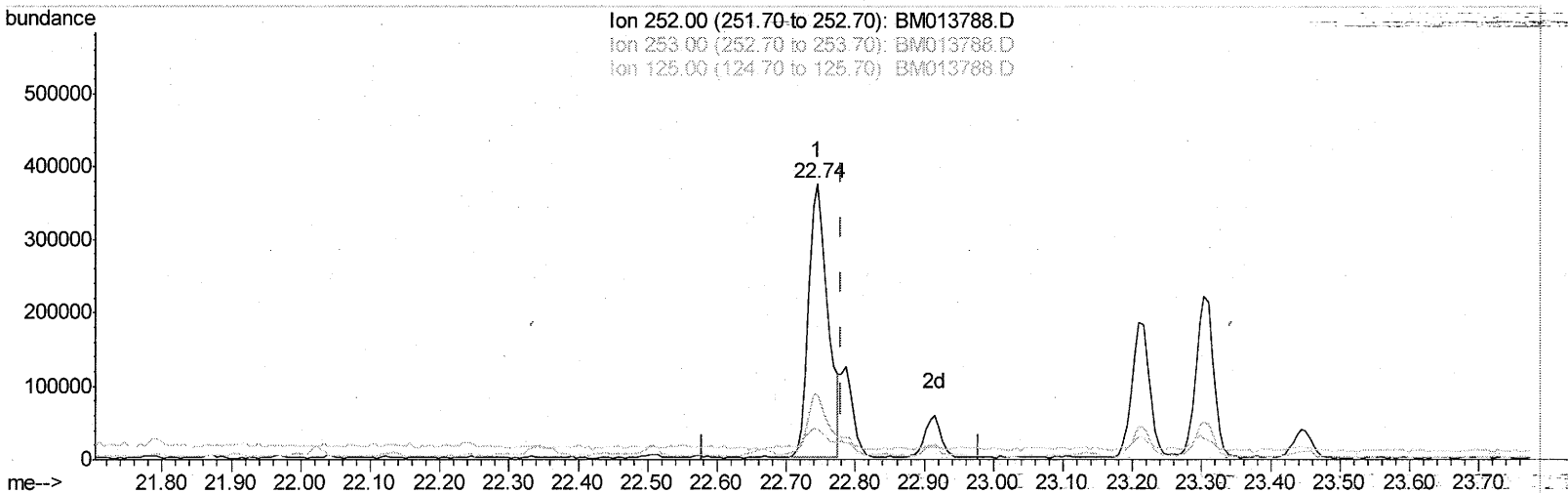
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Instrument :
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Manual Integrations
 APPROVED

Sohil
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(86) Benzo(k)fluoranthene
 22.745min (-0.035) 15.63ng/ul
 response 725350

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.79
125.00	4.30	10.74#
0.00	0.00	0.00

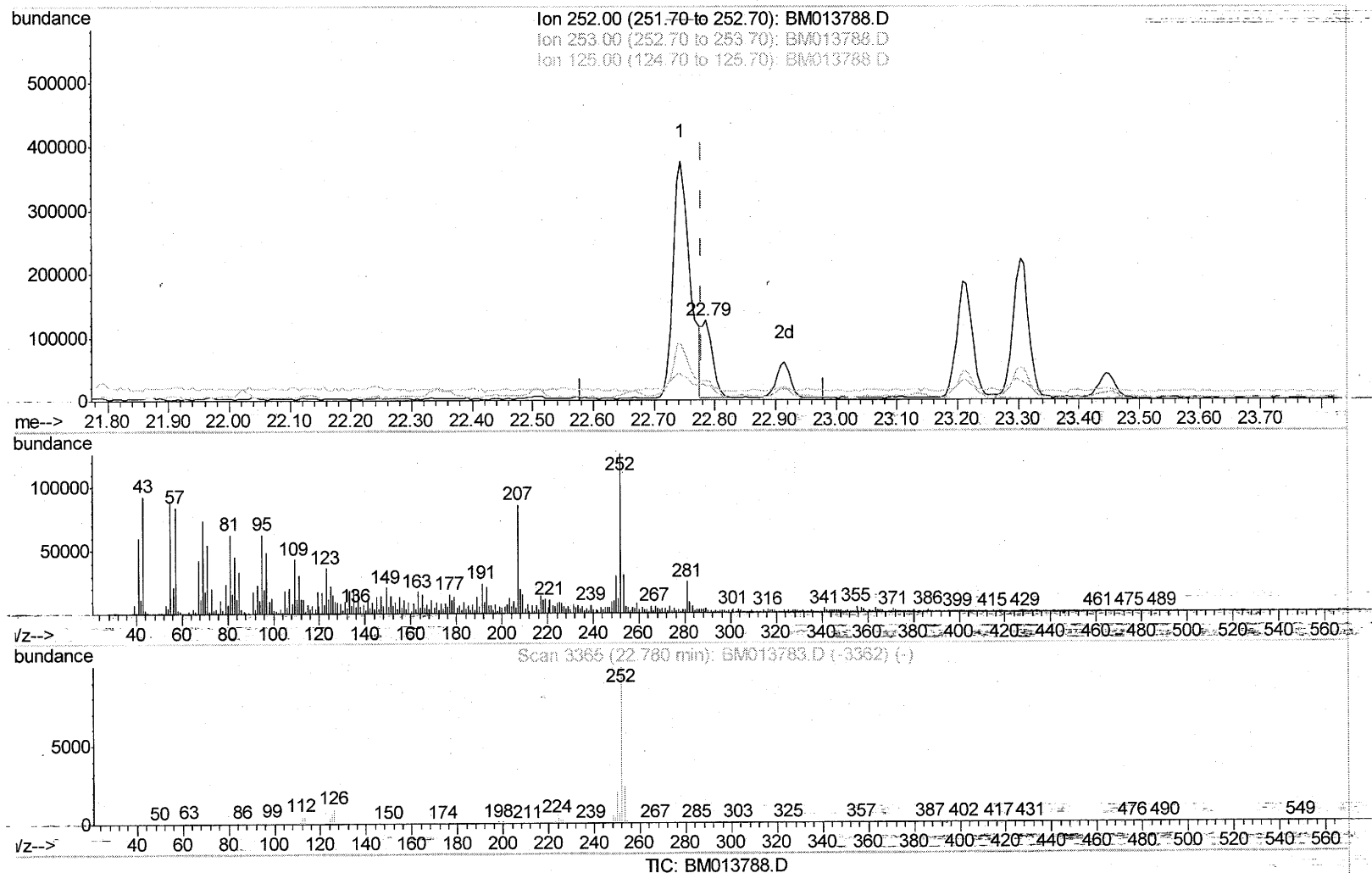
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Instrument :
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(86) Benzo(k)fluoranthene

22.786min (+0.006) 3.28ng/ul m

response 152423

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.48
125.00	4.30	17.25#
0.00	0.00	0.00

51 1/27/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	150231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	617464	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	336816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	729245	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	763557	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	781734	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	10134m	2.67	ng/uL	0.00
5) Phenol-d5	6.78	99	224335	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	134780	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	196636	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	127579	14.39	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	99971	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	107838	21.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	194221	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	194222	22.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	618732	22.29	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	795369	22.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	91270	20.23	ng/ul	0.00
57) Fluorene-d10	15.25	176	530816	21.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	83167	18.95	ng/ul	0.00
70) Anthracene-d10	17.10	188	785194	22.11	ng/ul	0.00
76) Pyrene-d10	19.40	212	904333	25.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	859757	23.93	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.80	94	40036	3.461	ng/ul# 81
44) Dimethylphthalate	13.71	163	252635	9.256	ng/ul 98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	17944	2.538	ng/ul# 52
68) Pentachlorophenol	16.66	266	354071	71.868	ng/ul 98
71) Anthracene	17.13	178	57933	1.386	ng/ul# 75
74) Fluoranthene	19.07	202	986641	20.391	ng/ul# 95
77) Pyrene	19.43	202	1596294	34.389	ng/ul# 94
80) Benzo(a)anthracene	21.19	228	160088	3.470	ng/ul# 92
82) Chrysene	21.22	228	316226m	7.471	ng/ul 94
85) Benzo(b)fluoranthene	22.74	252	725350	15.109	ng/ul# 94
86) Benzo(k)fluoranthene	22.79	252	152423m	3.285	ng/ul 95
88) Benzo(a)pyrene	23.30	252	397635	8.768	ng/ul# 95
89) Indeno(1,2,3-cd)pyrene	25.59	276	143942	2.689	ng/ul 97
91) Benzo(g,h,i)perylene	26.27	276	114569	2.600	ng/ul# 87

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