

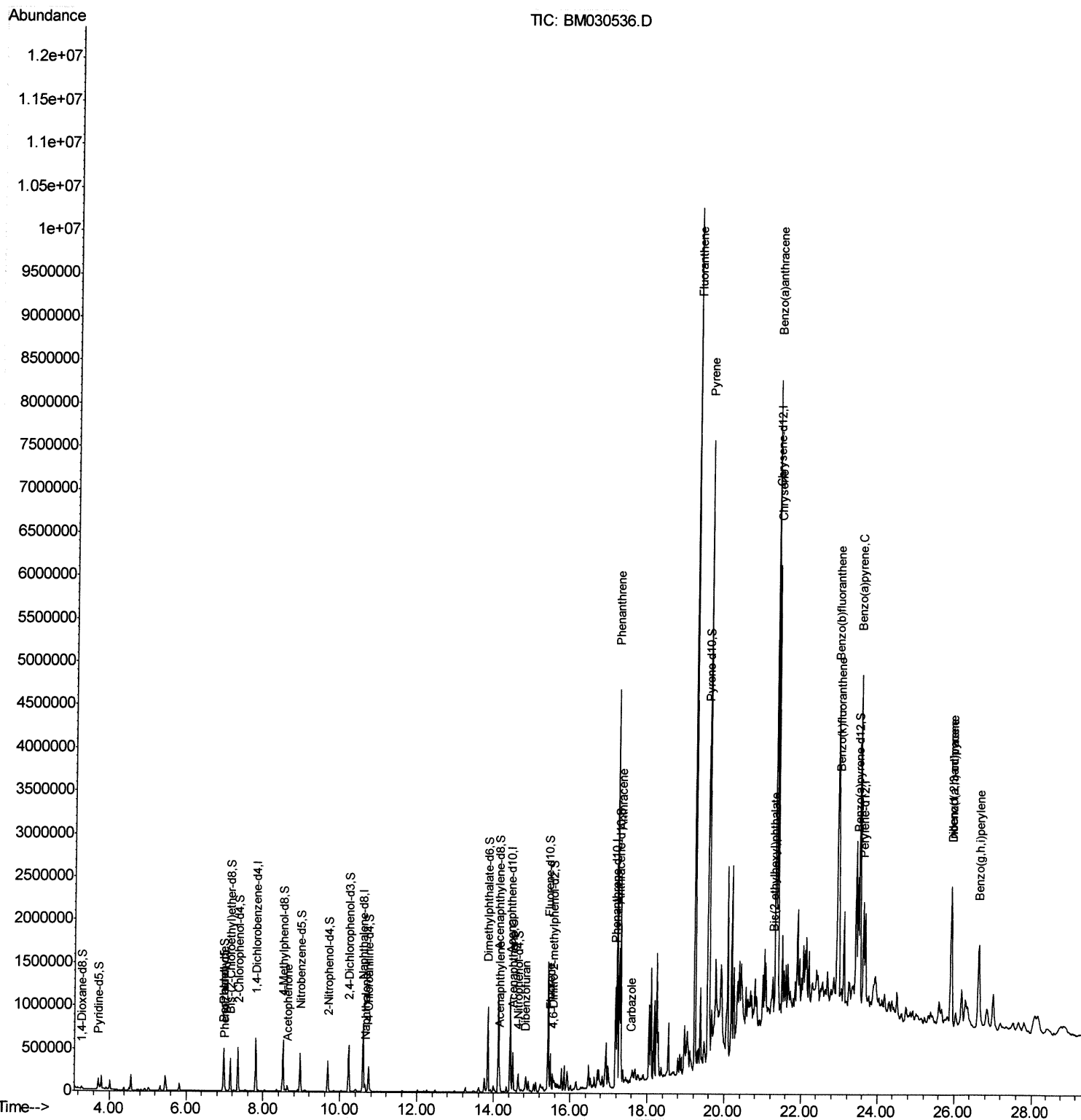
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM062221\
Data File : BM030536.D
Acq On : 23 Jun 2021 04:24
Operator : CG/JU
Sample : M2662-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDH3

Manual Integrations
APPROVED

mohammad
6/23/2021 4:49:09 PM

Quant Time: Jun 23 05:09:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 23 01:33:40 2021
Response via : Initial Calibration



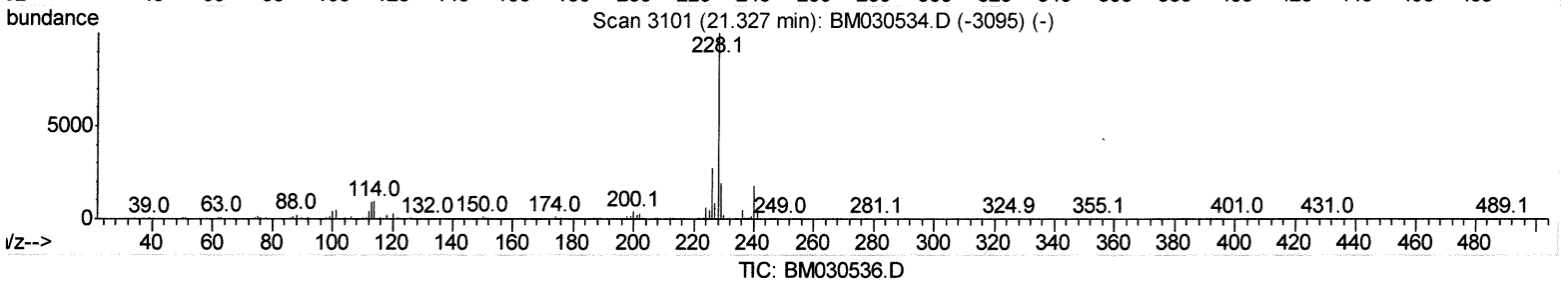
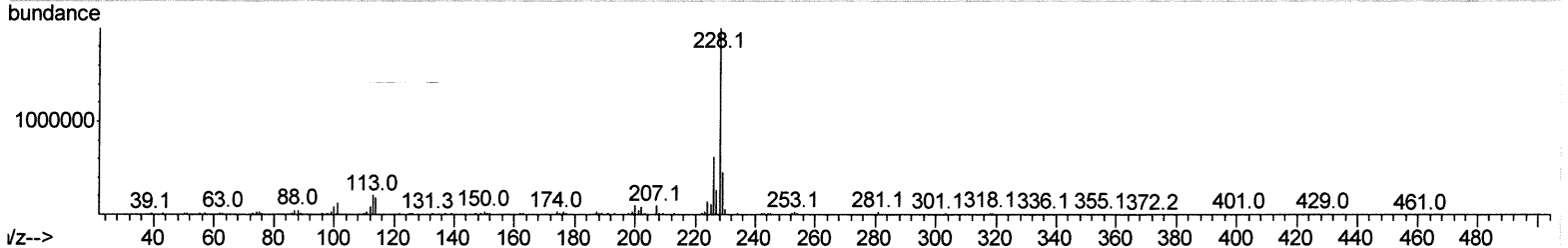
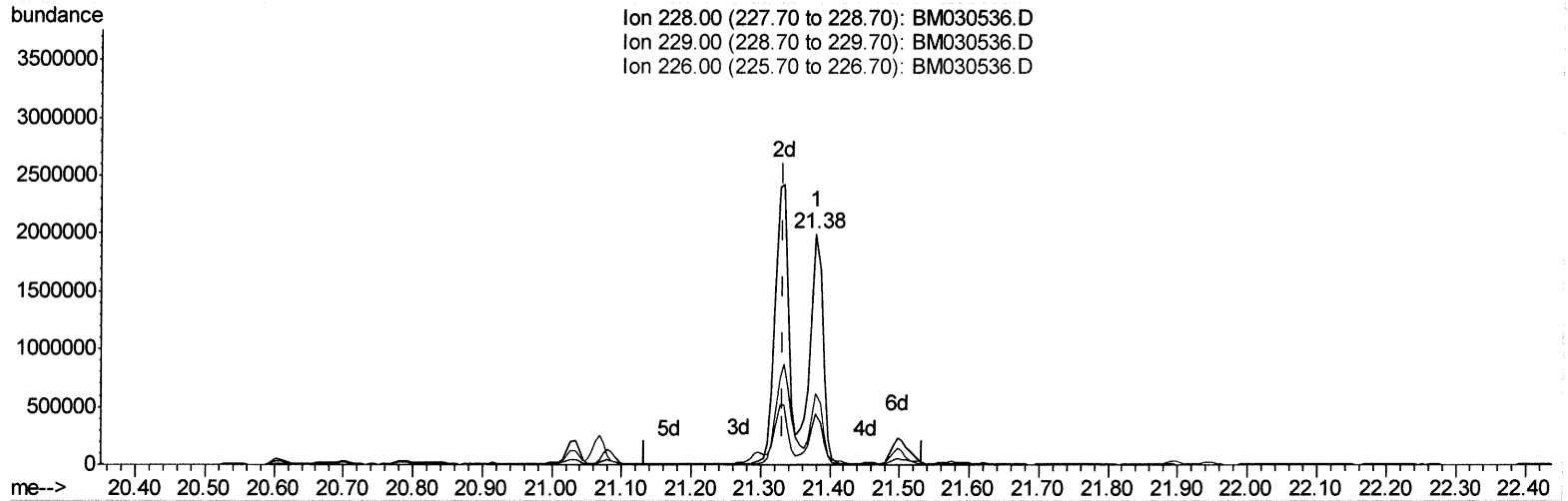
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(85) Benzo(a)anthracene

21.380min (+0.047) 55.09ng/ul

response 2609305

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	22.35
226.00	27.70	30.92
0.00	0.00	0.00

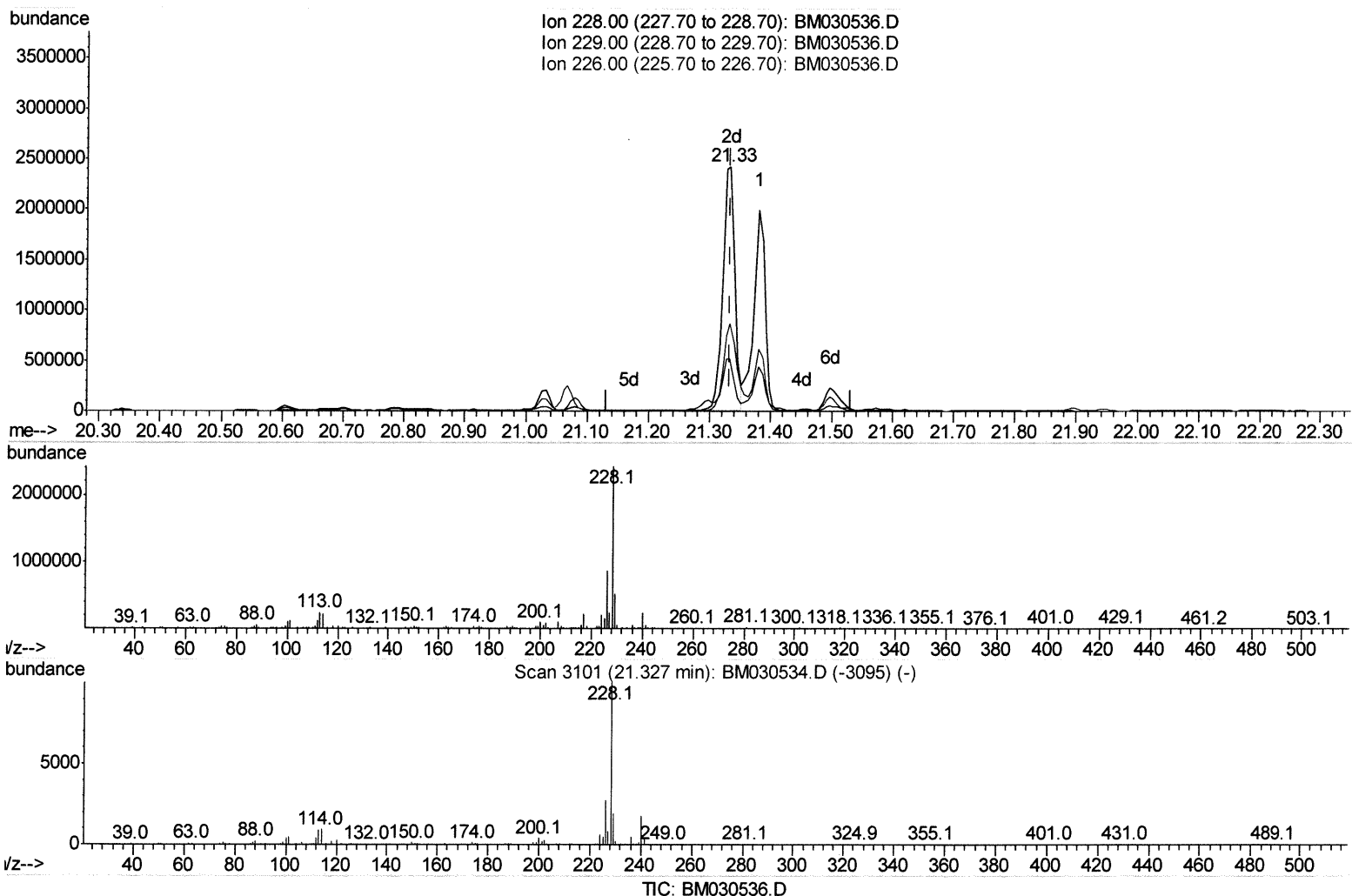
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(85) Benzo(a)anthracene

21.333min (-0.000) 69.02ng/ul m

JU 6/26/21

response 3268607

Ion	Exp%	Act%
228.00	100	100
229.00	20.00	21.33
226.00	27.70	35.85#
0.00	0.00	0.00

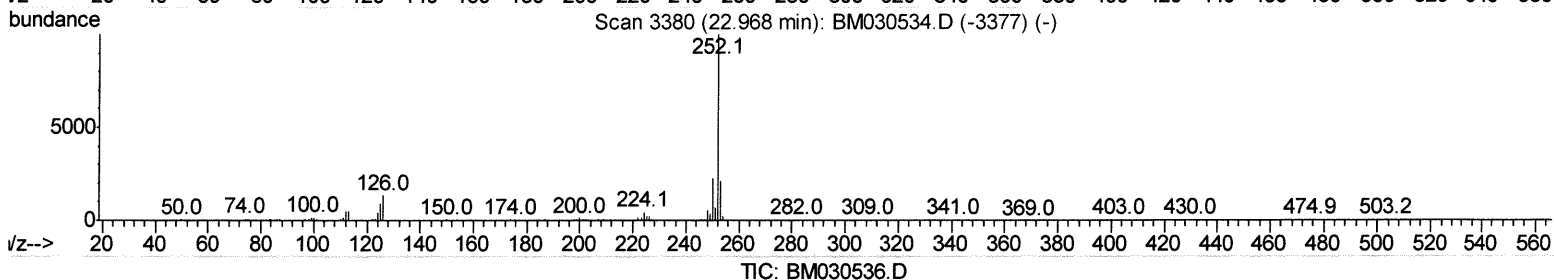
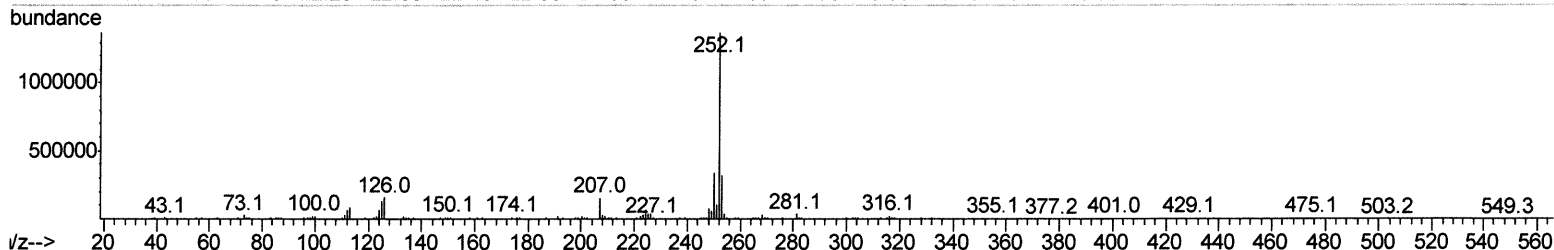
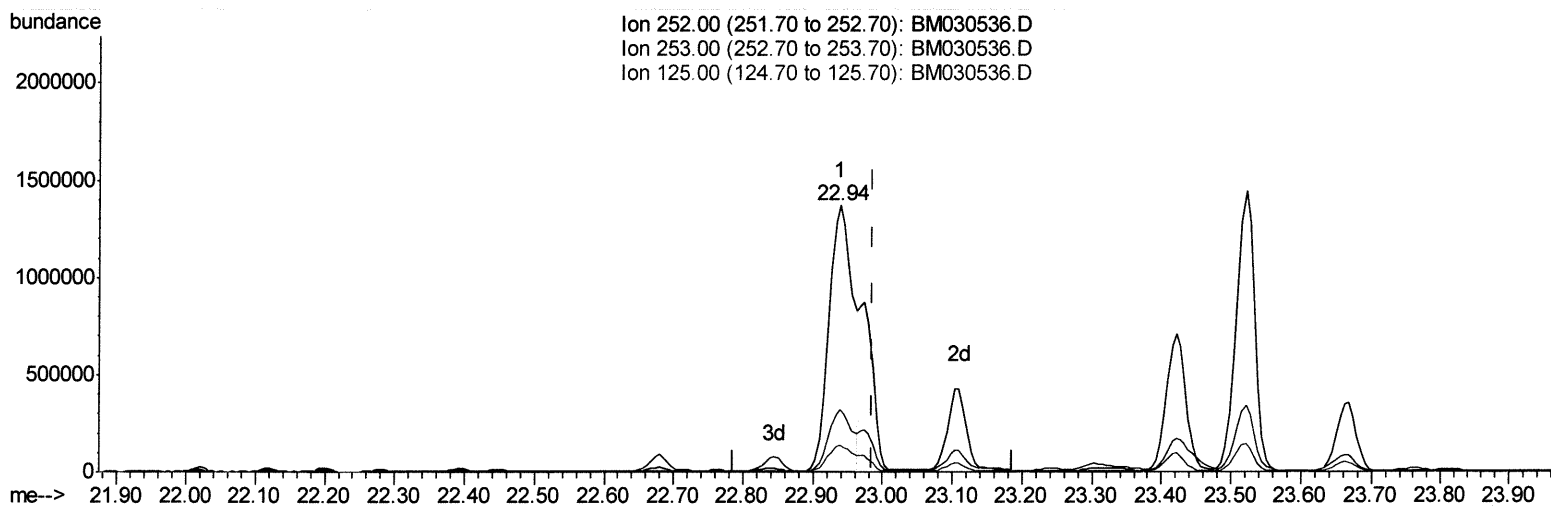
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Quant Time: Jun 23 05:08:27 2021
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(91) Benzo(k)fluoranthene

22.938min (-0.047) 61.79ng/ul

response 3204539

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.34
125.00	9.90	9.87
0.00	0.00	0.00

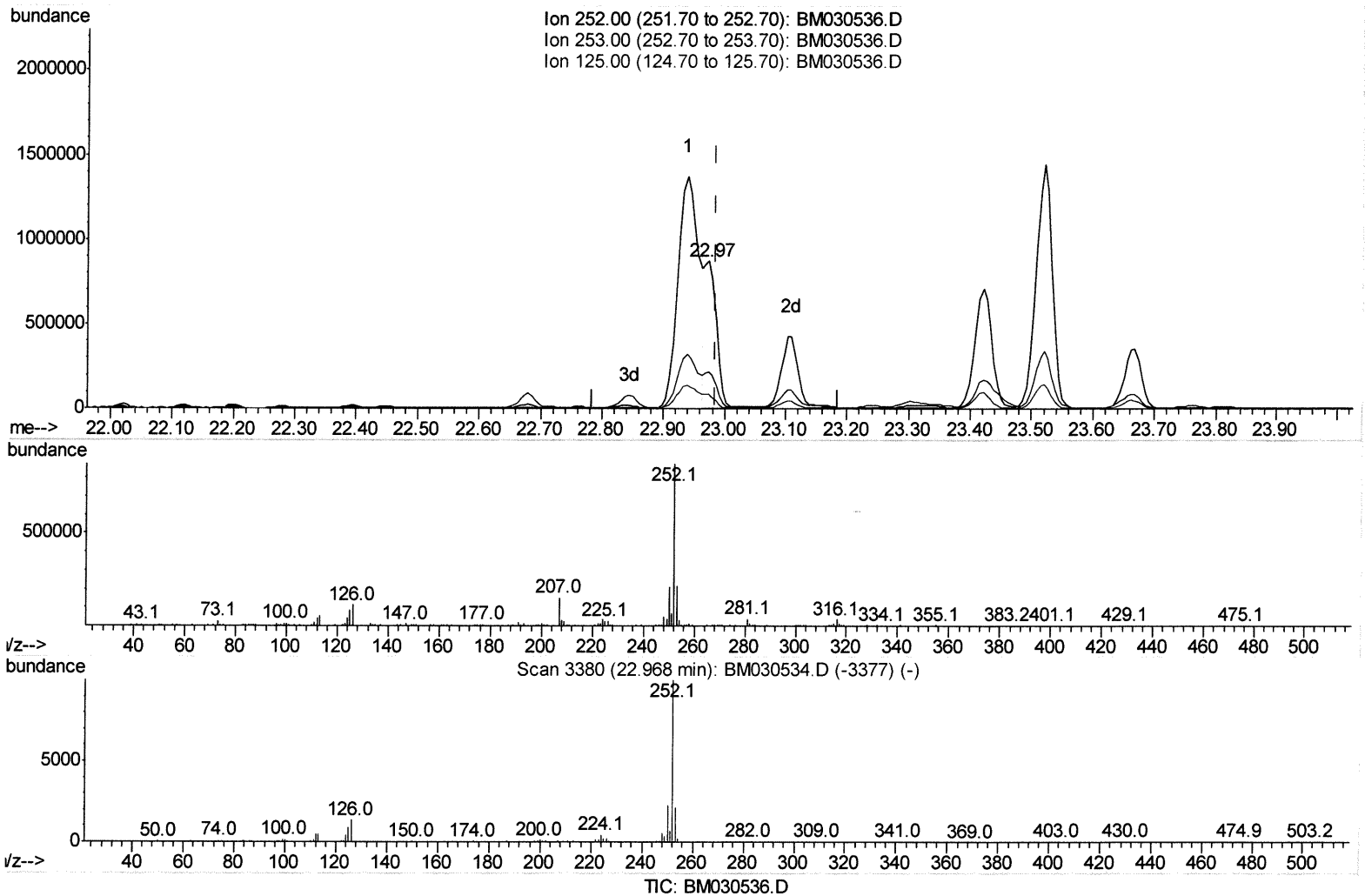
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(91) Benzo(k)fluoranthene

22.974min (-0.012) 22.85ng/ul m *JU 6/28/21*

response 1184931

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.55
125.00	9.90	9.47
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	167318	20.00	ng/ul	0.00
20) Naphthalene-d8	10.59	136	654994	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.44	164	383792	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	720400	20.00	ng/ul	0.00
79) Chrysene-d12	21.34	240	763159	20.00	ng/ul	0.00
88) Perylene-d12	23.61	264	849936	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	12428	3.01	ng/uL	0.00
4) Pyridine-d5	3.71	84	83484	7.53	ng/ul	0.01
7) Phenol-d5	6.97	99	271949	18.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	170365	18.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.34	132	224000	20.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	226528	20.17	ng/ul	0.00
21) Nitrobenzene-d5	8.96	128	104205	21.32	ng/ul	0.00
24) 2-Nitrophenol-d4	9.68	143	116408	21.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.22	165	220924	21.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	184866	12.74	ng/ul	0.00
46) Dimethylphthalate-d6	13.84	166	642648	24.25	ng/ul	0.00
49) Acenaphthylene-d8	14.13	160	808672	23.51	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	50130	9.99	ng/ul	0.00
60) Fluorene-d10	15.43	176	572683	24.37	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	46191	9.80	ng/ul	0.00
73) Anthracene-d10	17.27	188	856351	25.47	ng/ul	0.00
81) Pyrene-d10	19.56	212	973316	24.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	1117530	25.29	ng/ul	0.00

Target Compounds

					Ovalue	
6) Benzaldehyde	6.96	77	9865	1.406	ng/ul	96
8) Phenol	7.00	94	22032	1.510	ng/ul	94
16) Acetophenone	8.63	105	33682	1.942	ng/ul	100
30) Naphthalene	10.65	128	70468	2.125	ng/ul	99
50) Acenaphthylene	14.16	152	101484	3.181	ng/ul	97
52) Acenaphthene	14.50	153	188395	8.136	ng/ul	100
56) Dibenzofuran	14.83	168	47742	1.479	ng/ul	96
61) Fluorene	15.49	166	165888	6.235	ng/ul	98
72) Phenanthrene	17.22	178	2734612	70.686	ng/ul	99
74) Anthracene	17.31	178	1465620	37.052	ng/ul	100
77) Carbazole	17.57	167	37992	1.071	ng/ul#	91
80) Fluoranthene	19.23	202	5619484	115.064	ng/ul	98
82) Pyrene	19.59	202	4494177	87.578	ng/ul	99
85) Benzo(a)anthracene	21.33	228	3268607m	69.015	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.26	149	126760	5.217	ng/ul#	99
87) Chrysene	21.38	228	2611475	56.562	ng/ul	96
90) Benzo(b)fluoranthene	22.94	252	3204539	59.386	ng/ul	98
91) Benzo(k)fluoranthene	22.97	252	1184931m	22.849	ng/ul	99
93) Benzo(a)pyrene	23.52	252	2660038	54.824	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.91	276	1497225	24.512	ng/ul#	95
95) Dibenz(a,h)anthracene	25.92	278	409026	8.078	ng/ul#	78
96) Benzo(g,h,i)perylene	26.63	276	1140008	22.370	ng/ul	97

7/6/23/24

7/6/23/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed