

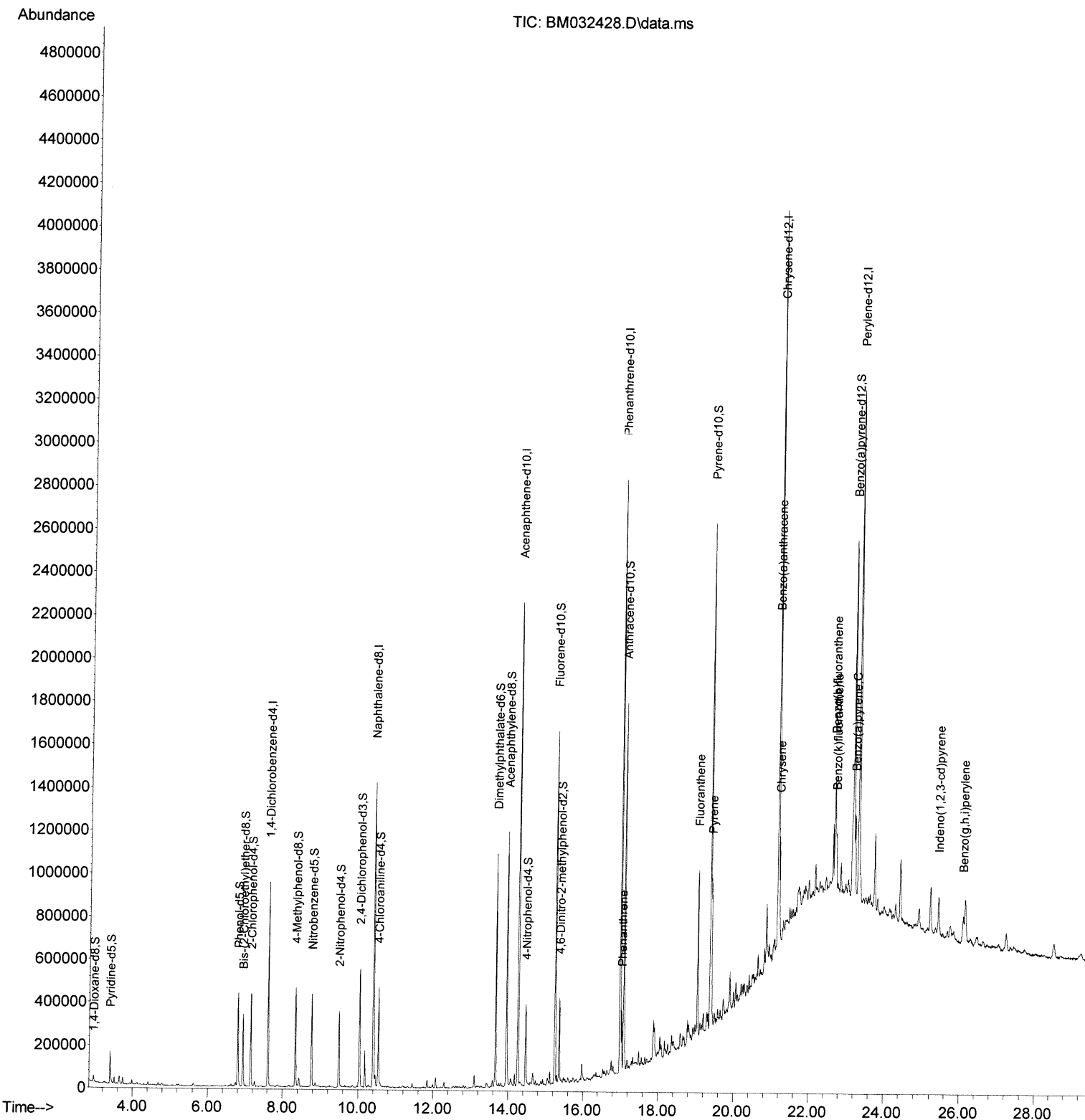
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032428.D
Acq On : 11 Oct 2021 20:02
Operator : CG/JU
Sample : M4029-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C00R6

Quant Time: Oct 12 01:01:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION
Qlast Update : Mon Oct 11 11:06:33 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

mohammad
10/12/2021 9:06:56 AM



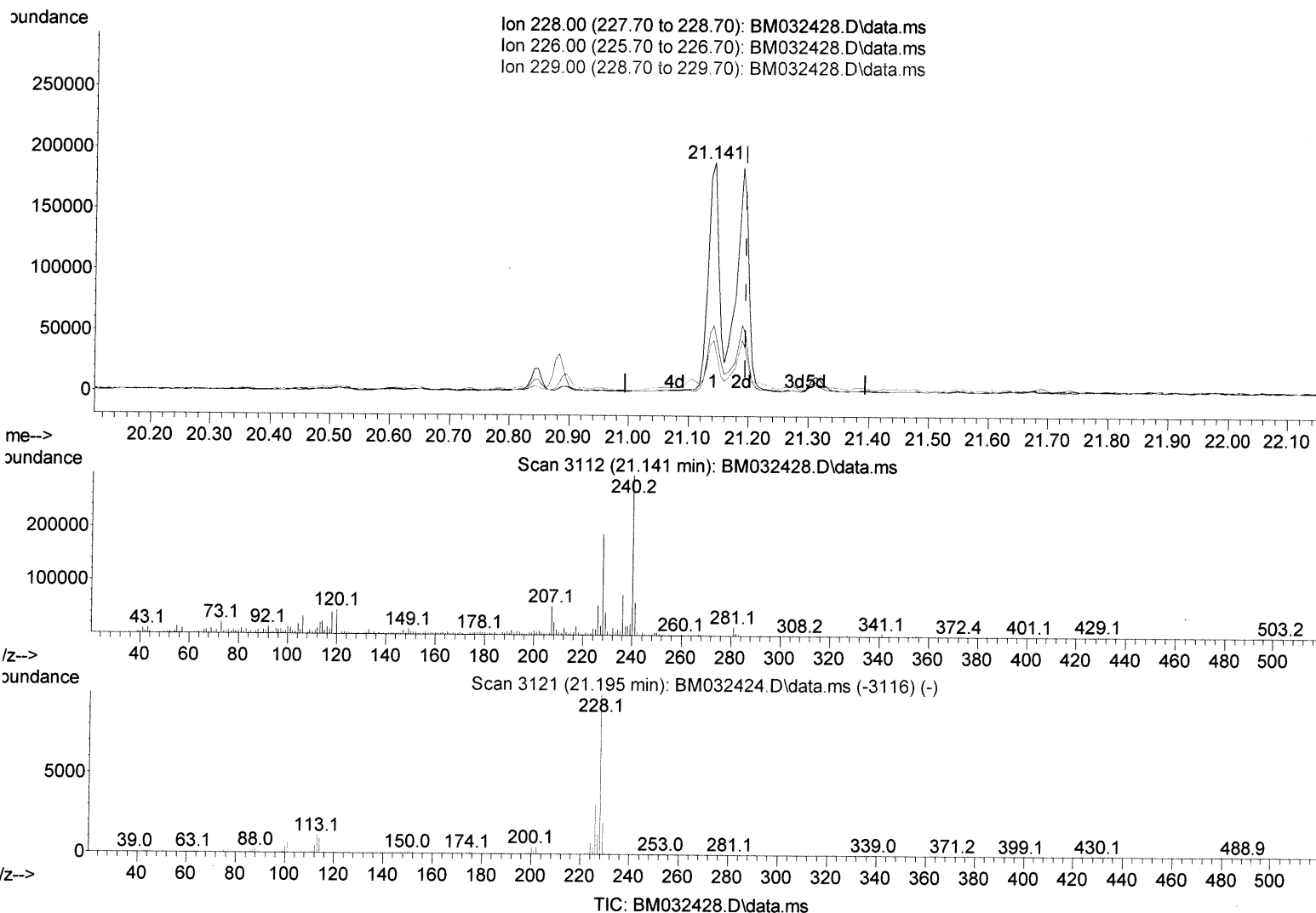
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(87) Chrysene

21.141min (-0.053) 2.63 ng/ul

response 237930

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	29.30
229.00	19.40	22.68
0.00	0.00	0.00

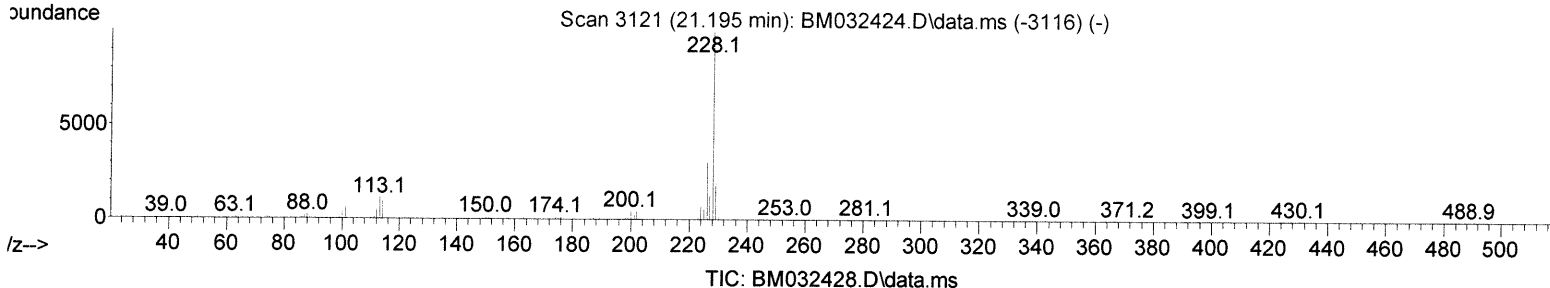
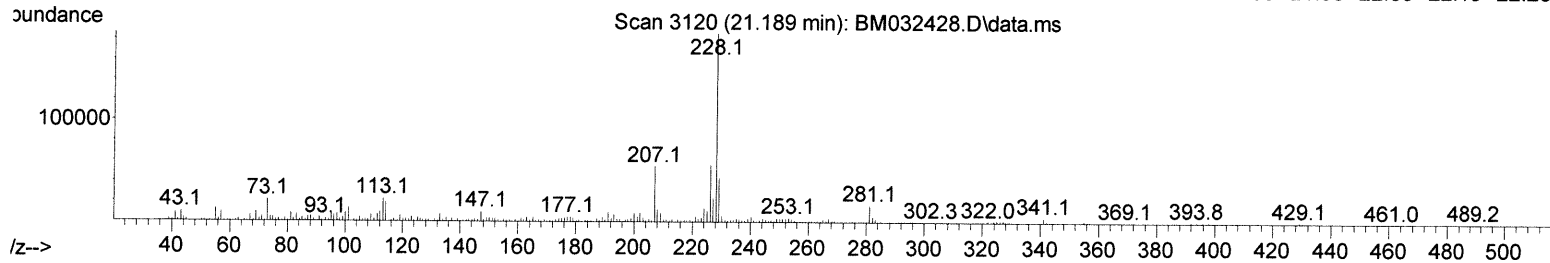
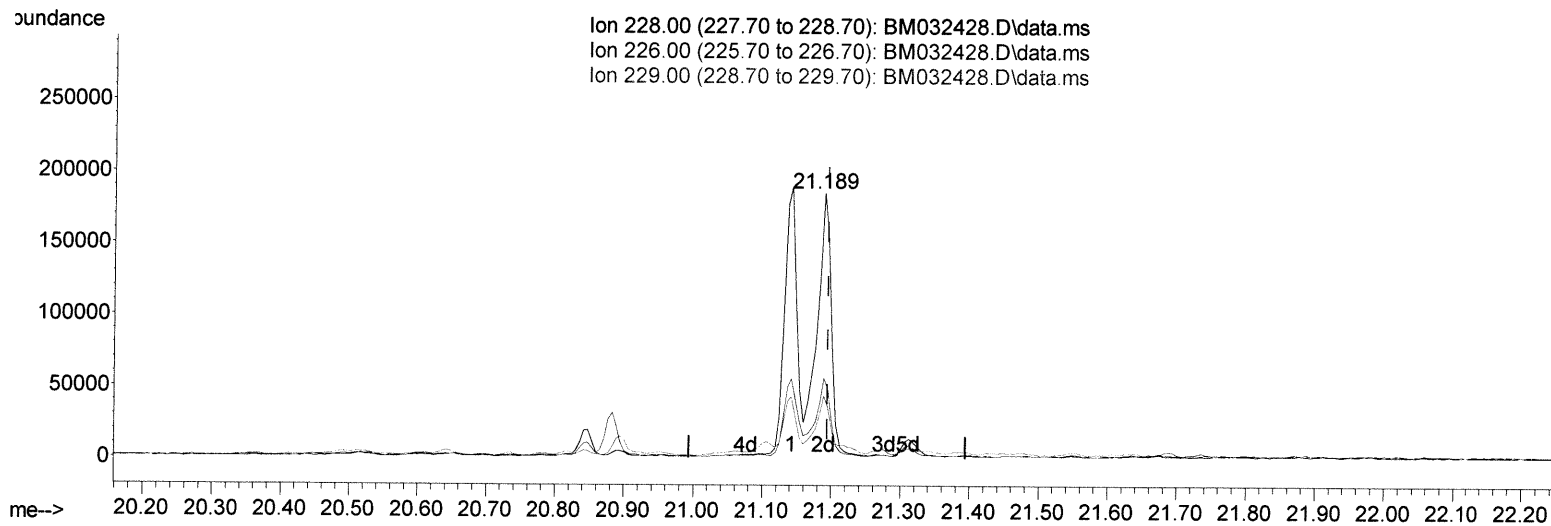
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(87) Chrysene

21.189min (-0.006) 2.91 ng/ul m

response 263157

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.10	30.14
229.00	19.40	23.39#
0.00	0.00	0.00

3410/15/21

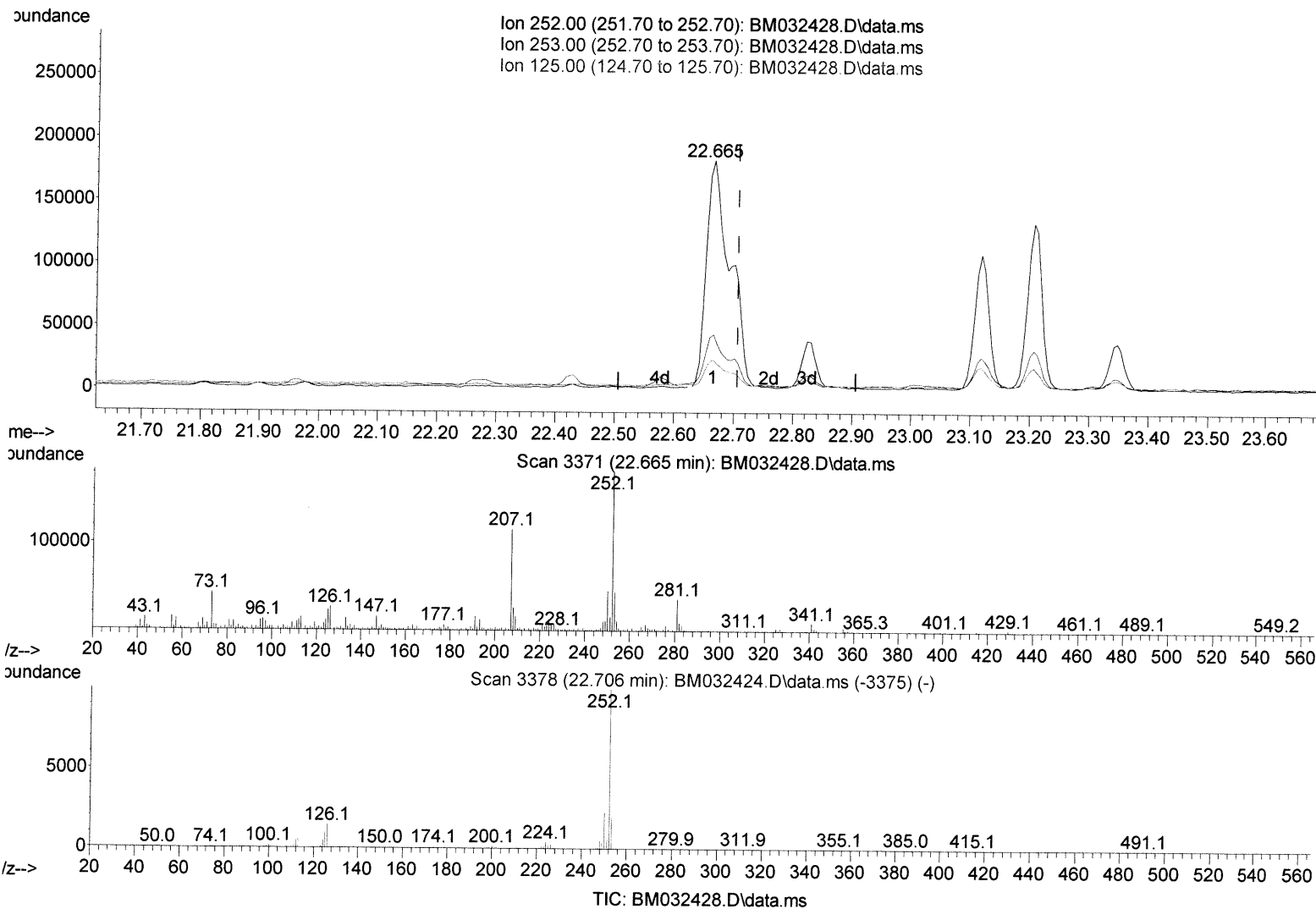
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(91) Benzo(k)fluoranthene

22.665min (-0.041) 4.32 ng/ul

response 369318

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	24.24
125.00	10.50	13.02#
0.00	0.00	0.00

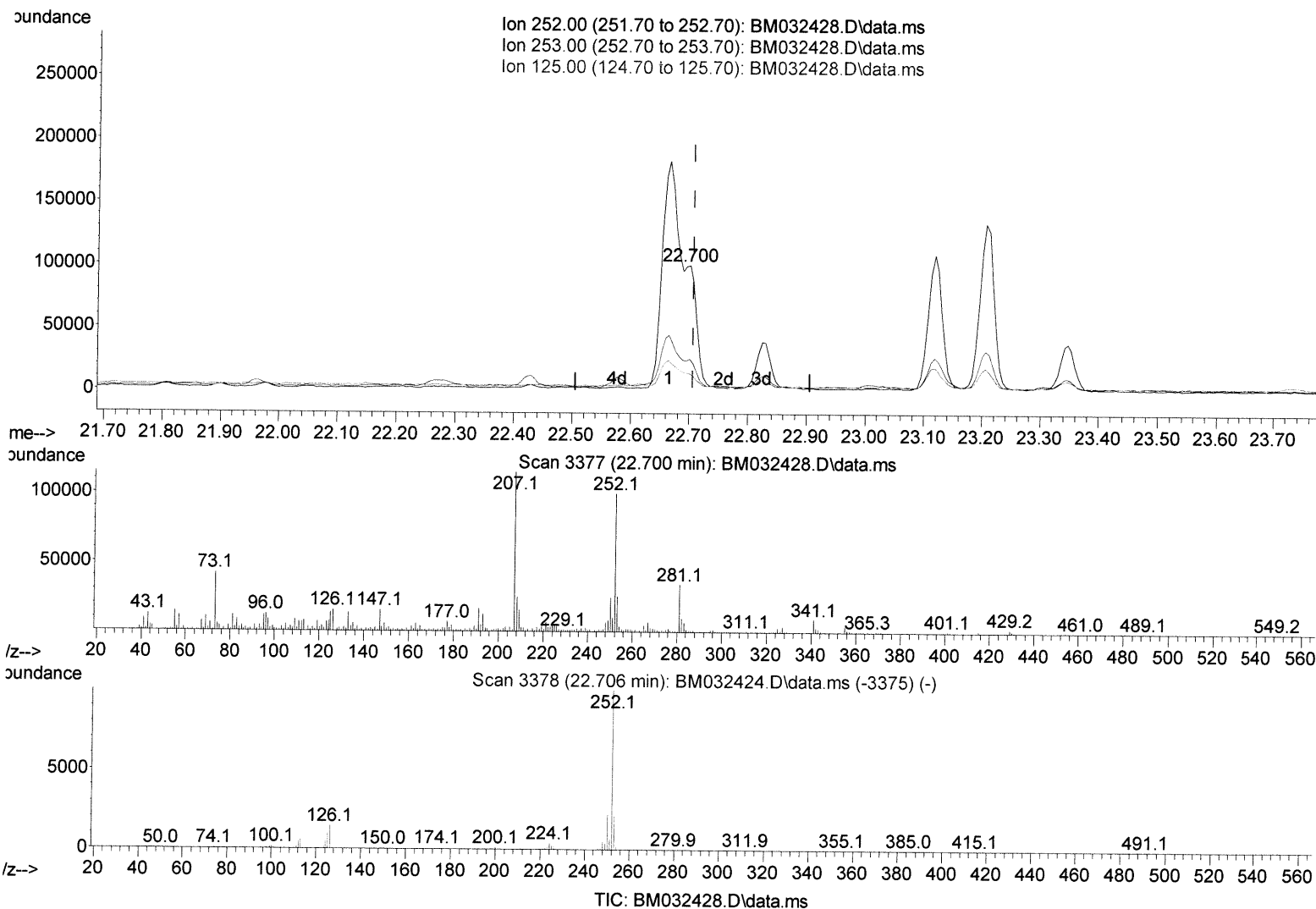
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(91) Benzo(k)fluoranthene

22.700min (-0.006) 1.56 ng/ul m

response 133121

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	25.32
125.00	10.50	13.82#
0.00	0.00	0.00

34/10/15/21

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.613	152	246020	20.000	ng/ul	0.00
20) Naphthalene-d8	10.401	136	1114486	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.260	164	751805	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.989	188	1556147	20.000	ng/ul	0.00
79) Chrysene-d12	21.153	240	1522280	20.000	ng/ul	0.00
88) Perylene-d12	23.300	264	1550171	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.960	96	13335	2.173	ng/uL	0.00
4) Pyridine-d5	3.396	84	85750	4.947	ng/ul	0.01
7) Phenol-d5	6.801	99	241368	11.538	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.936	67	144019	11.990	ng/ul	0.00
11) 2-Chlorophenol-d4	7.154	132	196657	12.312	ng/ul	0.00
15) 4-Methylphenol-d8	8.342	113	171502	10.150	ng/ul	0.00
21) Nitrobenzene-d5	8.766	128	96789	12.309	ng/ul	0.00
24) 2-Nitrophenol-d4	9.489	143	107627	12.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.036	165	194020	11.499	ng/ul	0.00
31) 4-Chloroaniline-d4	10.536	131	233920	9.399	ng/ul	0.00
46) Dimethylphthalate-d6	13.665	166	687719	13.218	ng/ul	0.00
49) Acenaphthylene-d8	13.954	160	806362	12.758	ng/ul	0.00
54) 4-Nitrophenol-d4	14.465	143	84297	8.250	ng/ul	-0.01
60) Fluorene-d10	15.248	176	612872	13.889	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.365	200	74217	8.368	ng/ul	0.00
73) Anthracene-d10	17.083	188	916769	13.534	ng/ul	0.00
81) Pyrene-d10	19.371	212	1144438	14.944	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.165	264	1061267	13.671	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.030	178	153483	1.911	ng/ul	98
80) Fluoranthene	19.042	202	420567	4.451	ng/ul	100
82) Pyrene	19.400	202	372478	3.837	ng/ul	97
85) Benzo(a)anthracene	21.141	228	238122	2.594	ng/ul	95
87) Chrysene	21.189	228	263157m	2.911	ng/ul	95
90) Benzo(b)fluoranthene	22.665	252	369318	3.916	ng/ul#	94
91) Benzo(k)fluoranthene	22.700	252	133121m	1.556	ng/ul	94
93) Benzo(a)pyrene	23.206	252	223739	2.507	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	25.418	276	148055	1.501	ng/ul	96
96) Benzo(g,h,i)perylene	26.076	276	123374	1.429	ng/ul	98

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

JU 10/15/21
 JU 10/19/21