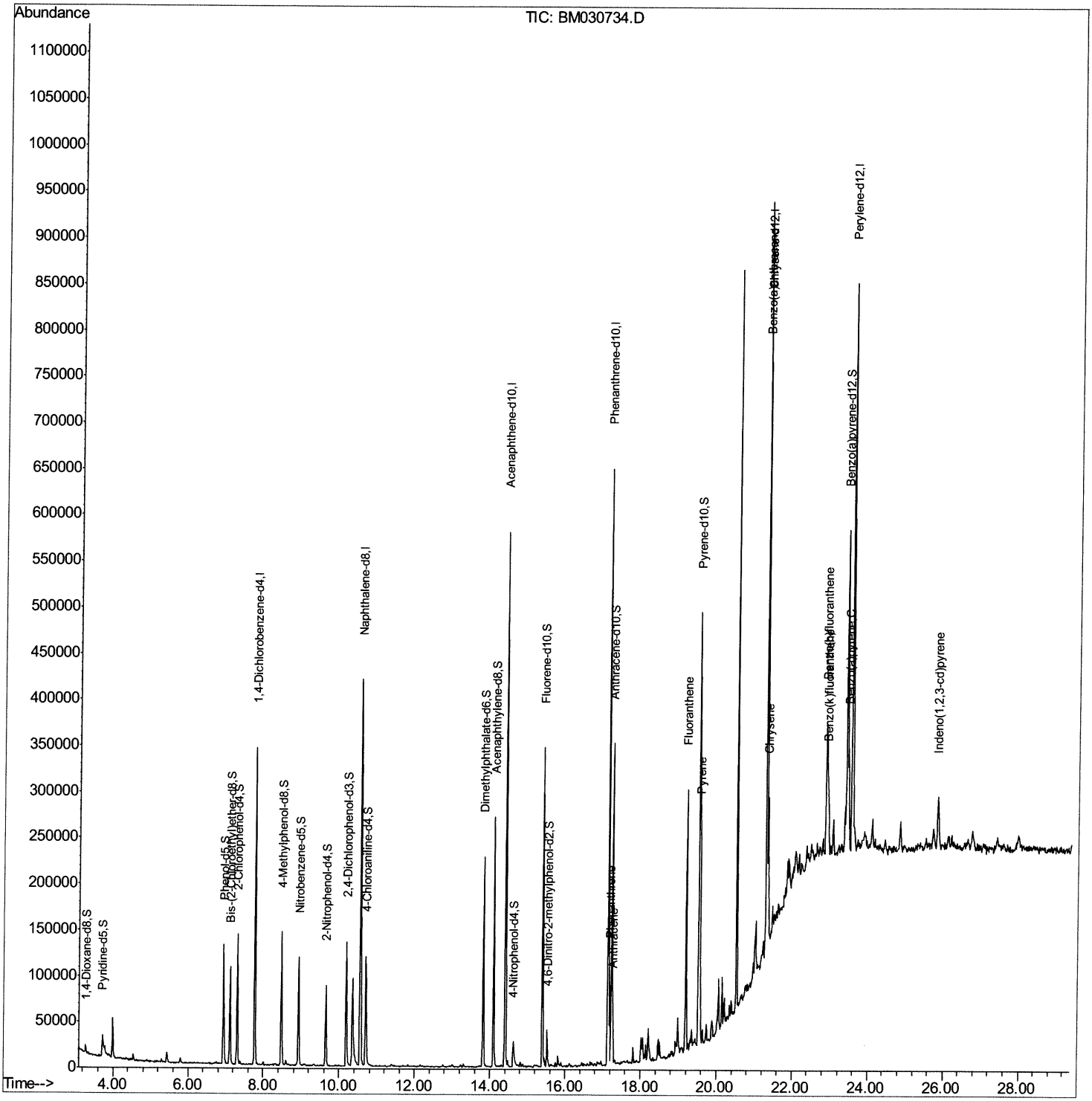
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030734.D
Acq On : 01 Jul 2021 09:29
Operator : CG/JU
Sample : M2808-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Jul 01 11:23:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDW5

Manual Integrations APPROVED
mohammad
7/1/2021 2:56:07 PM



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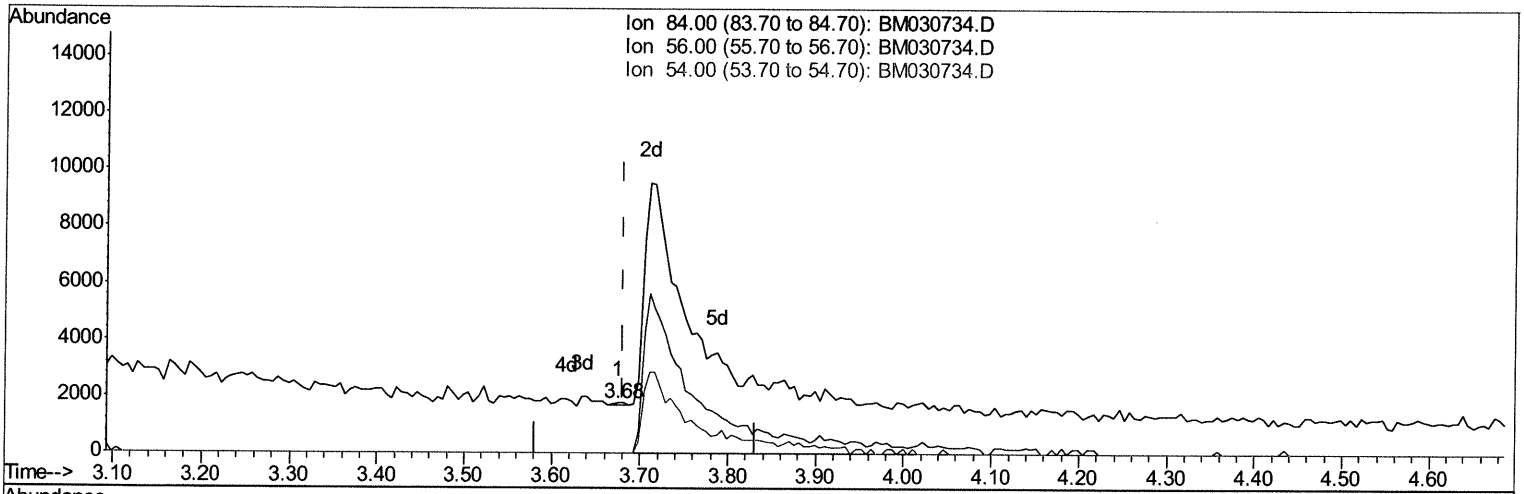

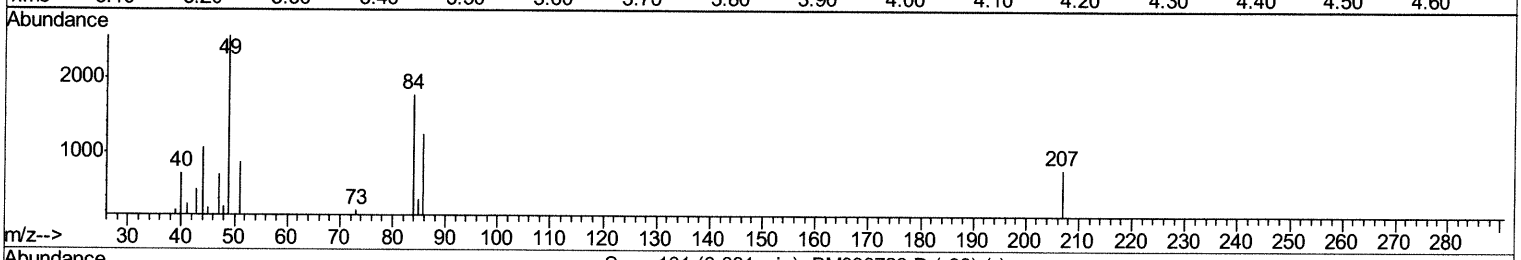

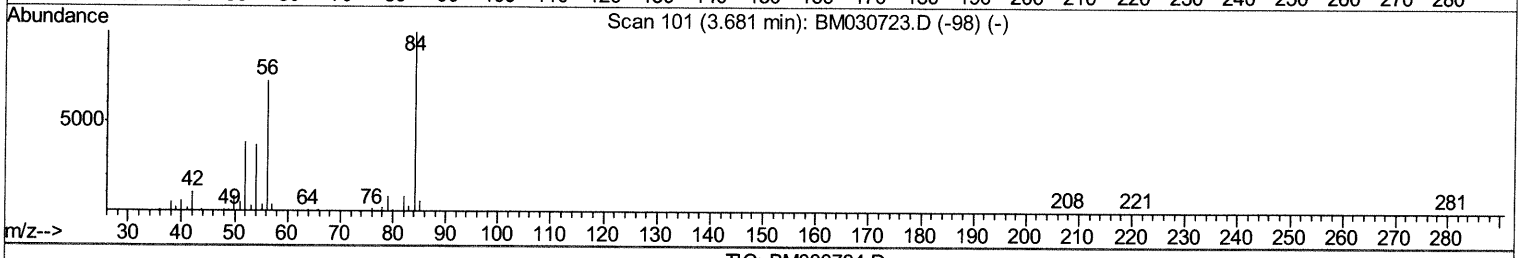

TIC: BM030734.D

(4) Pyridine-d5 (S)

3.675min (-0.006) 0.01ng/ul

response 73

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	0.00#
54.00	35.80	0.00#
0.00	0.00	0.00

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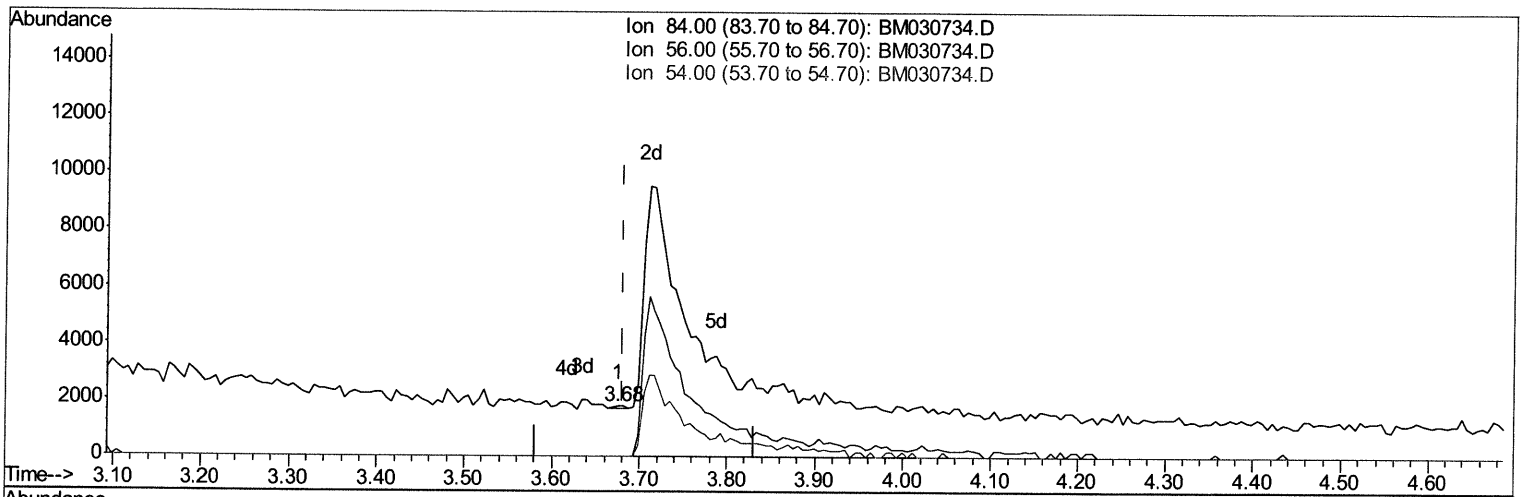

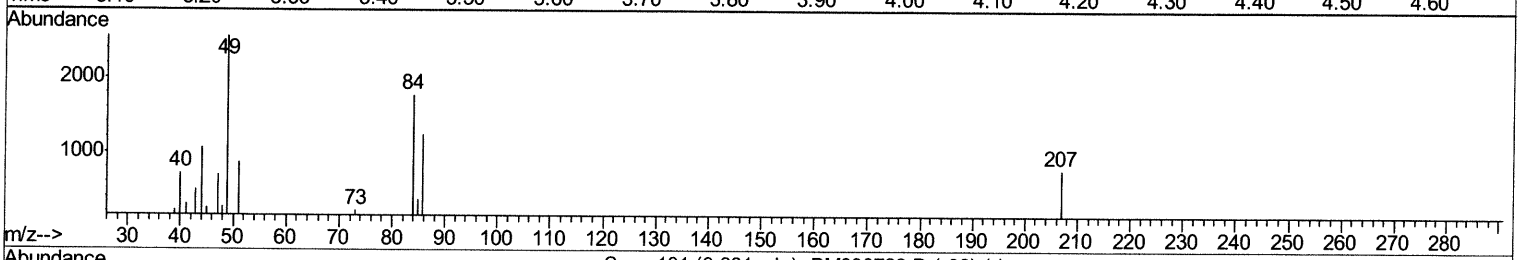

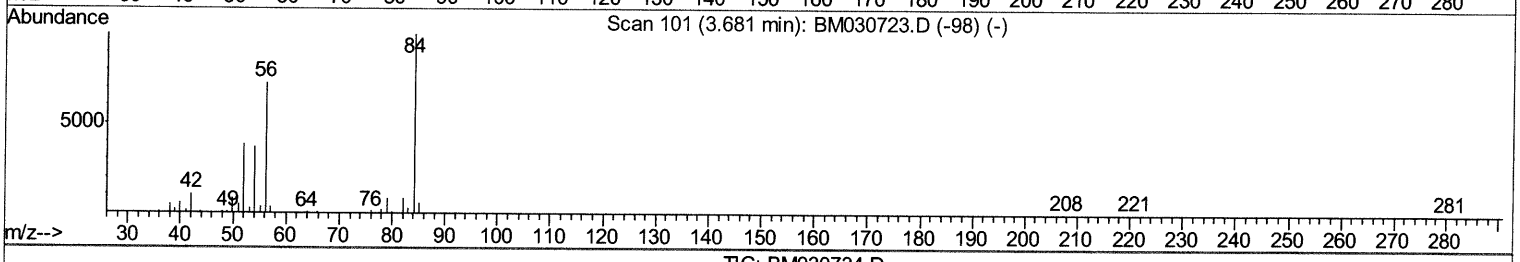

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response 73

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54.00	35.80	0.00#
0.00	0.00	0.00

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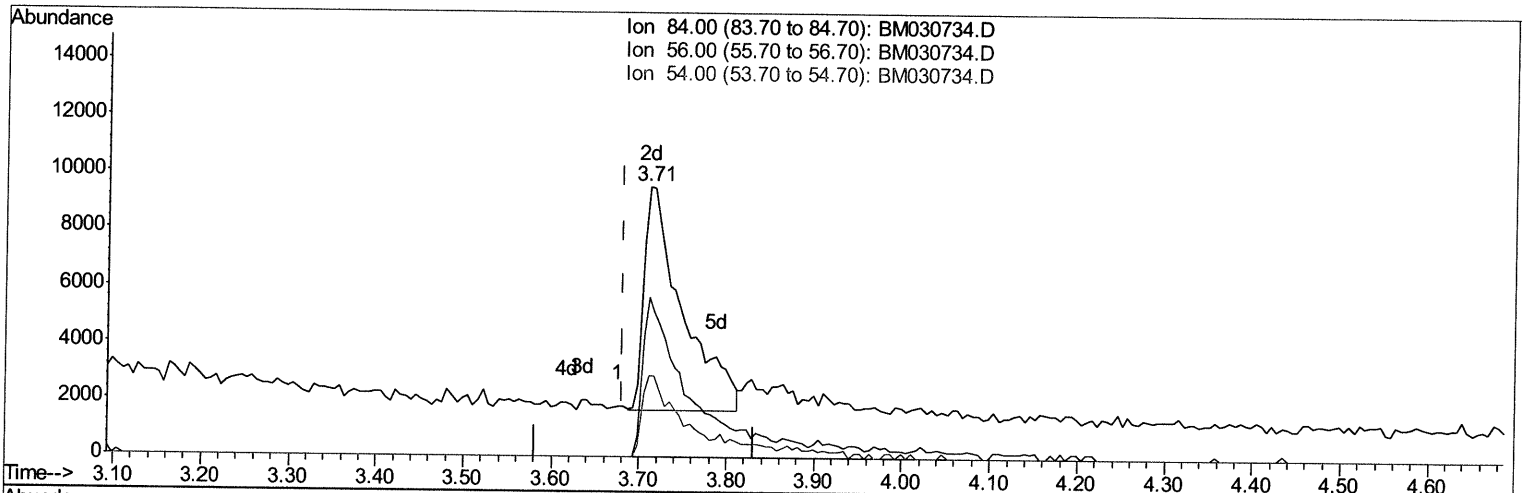

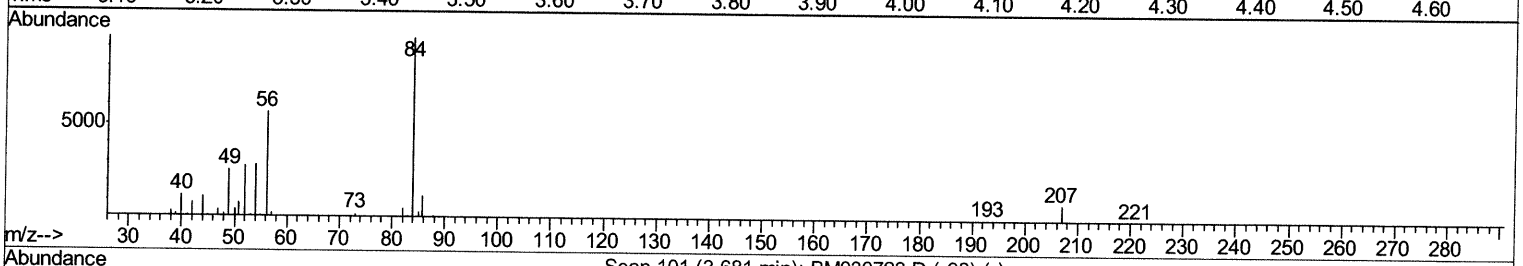

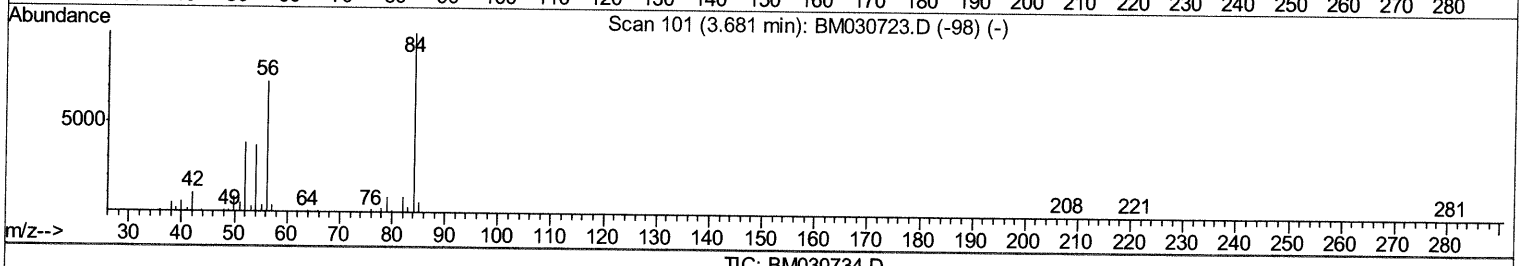

TIC: BM030734.D

(4) Pyridine-d5 (S)

3.710min (+0.029) 4.09ng/ul m 07/07/21 JU

response 24009

Ion	Exp%	Act%
84.00	100	100
56.00	73.70	58.91#
54.00	35.80	30.08
0.00	0.00	0.00

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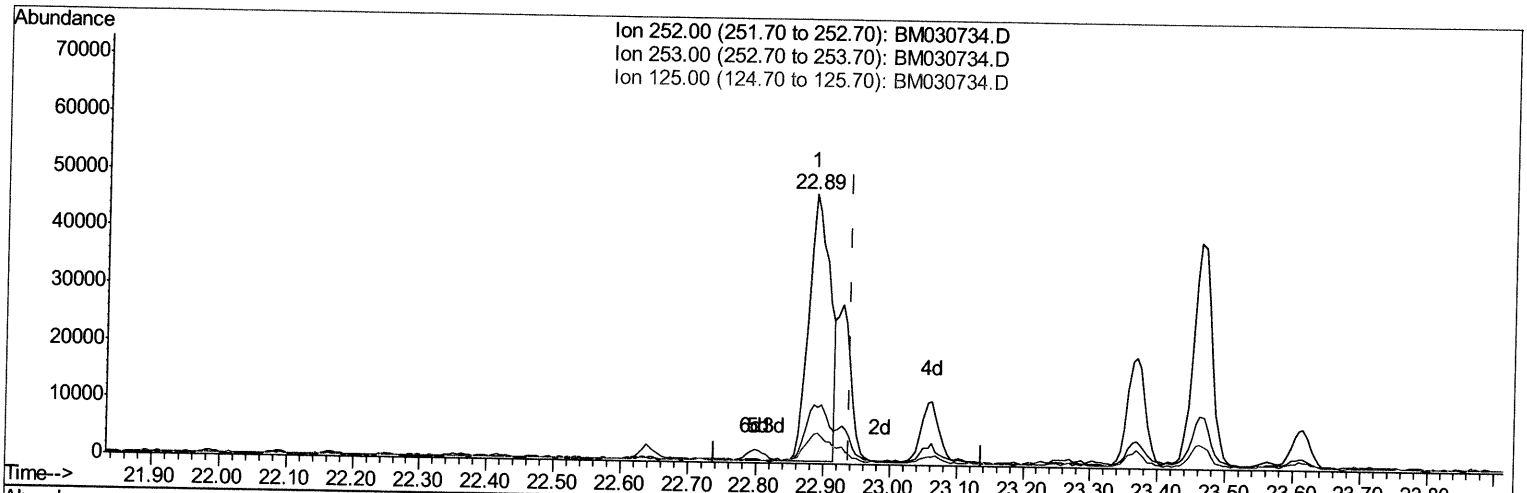

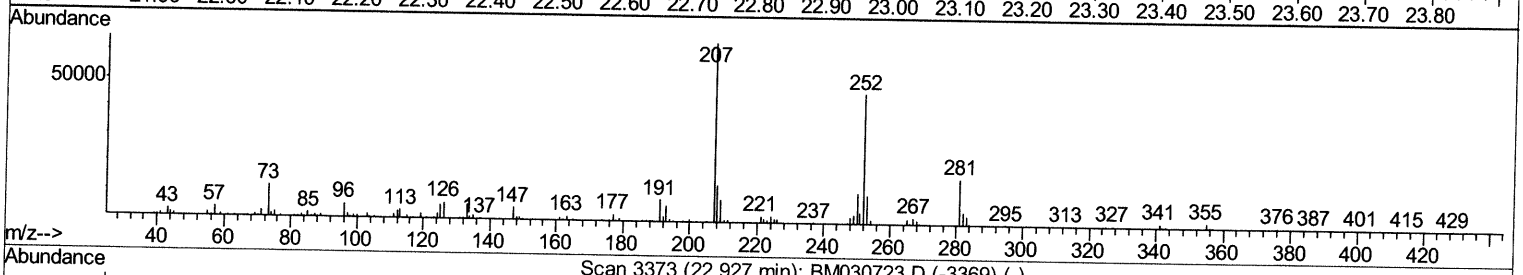

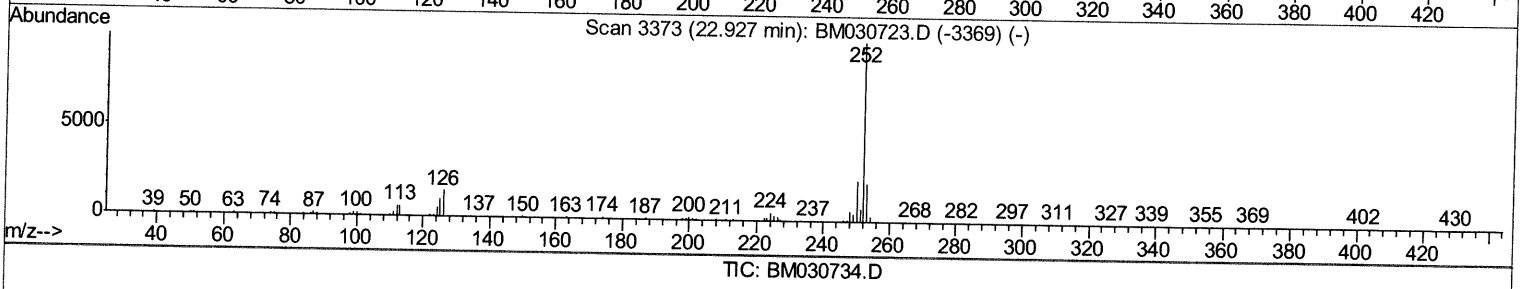

TIC: BM030734.D

(91) Benzo(k)fluoranthene

22.886min (-0.053) 4.09ng/ul

response 104498

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.93
125.00	9.90	10.97
0.00	0.00	0.00

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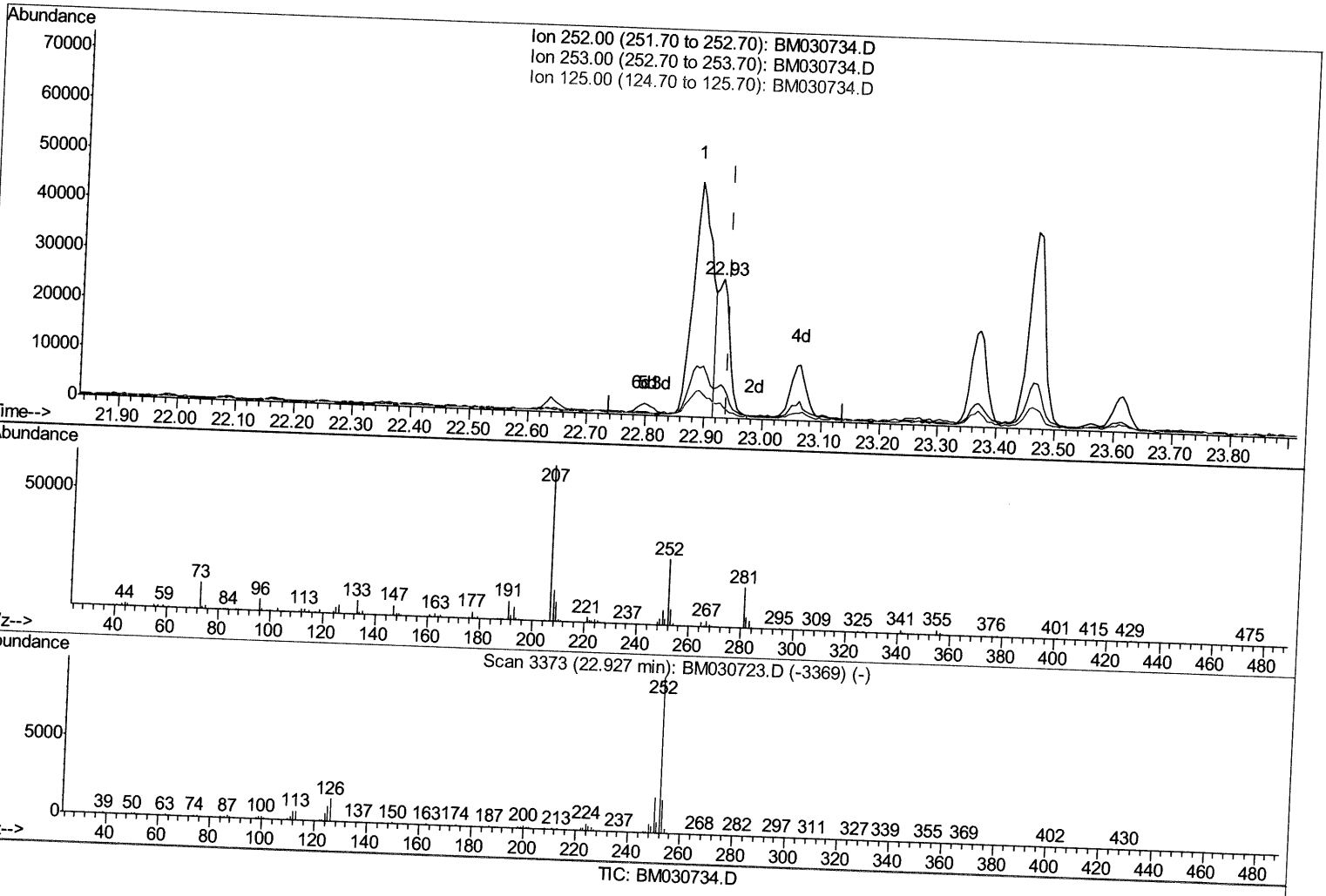

TIC: BM030734.D

(91) Benzo(k)fluoranthene

22.927min (-0.012) 1.60ng/ul m 07/07/2021

response 40991

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	24.04
125.00	9.90	10.89
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	7.77	152	88642	20.00	ng/ul	0.00
20) Naphthalene-d8	10.56	136	345088	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	199125	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	370091	20.00	ng/ul	0.00
79) Chrysene-d12	21.32	240	354887	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	418818	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	4294	1.96	ng/uL	0.00
4) Pyridine-d5	3.71	84	24009m>	4.09	ng/ul>	0.03 07/07/21 JU
7) Phenol-d5	6.95	99	73121	9.56	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.11	67	49196	10.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.31	132	62646	10.62	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	55509	9.33	ng/ul	0.00
21) Nitrobenzene-d5	8.93	128	26836	10.42	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	26838	9.38	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.19	165	52888	9.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	69288	9.06	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	155837	11.33	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	190843	10.69	ng/ul	0.00
54) 4-Nitrophenol-d4	14.62	143	11435	4.39	ng/ul	0.01
60) Fluorene-d10	15.40	176	136194	11.17	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	10399	4.29	ng/ul	0.00
73) Anthracene-d10	17.24	188	193986	11.23	ng/ul	0.00
81) Pyrene-d10	19.53	212	214691	11.55	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	242618	11.14	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.19	178	53043	2.669	ng/ul	98
74) Anthracene	17.27	178	29909	1.472	ng/ul	98
80) Fluoranthene	19.20	202	165682	7.295	ng/ul	97
82) Pyrene	19.56	202	127721	5.352	ng/ul	99
85) Benzo(a)anthracene	21.30	228	101848	4.624	ng/ul	98
87) Chrysene	21.35	228	83982	3.912	ng/ul	98
90) Benzo(b)fluoranthene	22.89	252	104498	3.930	ng/ul	98
91) Benzo(k)fluoranthene	22.93	252	40991m>	1.604	ng/ul>	07/07/21 JU
93) Benzo(a)pyrene	23.46	252	74862	3.131	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.84	276	46246	1.536	ng/ul	99

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