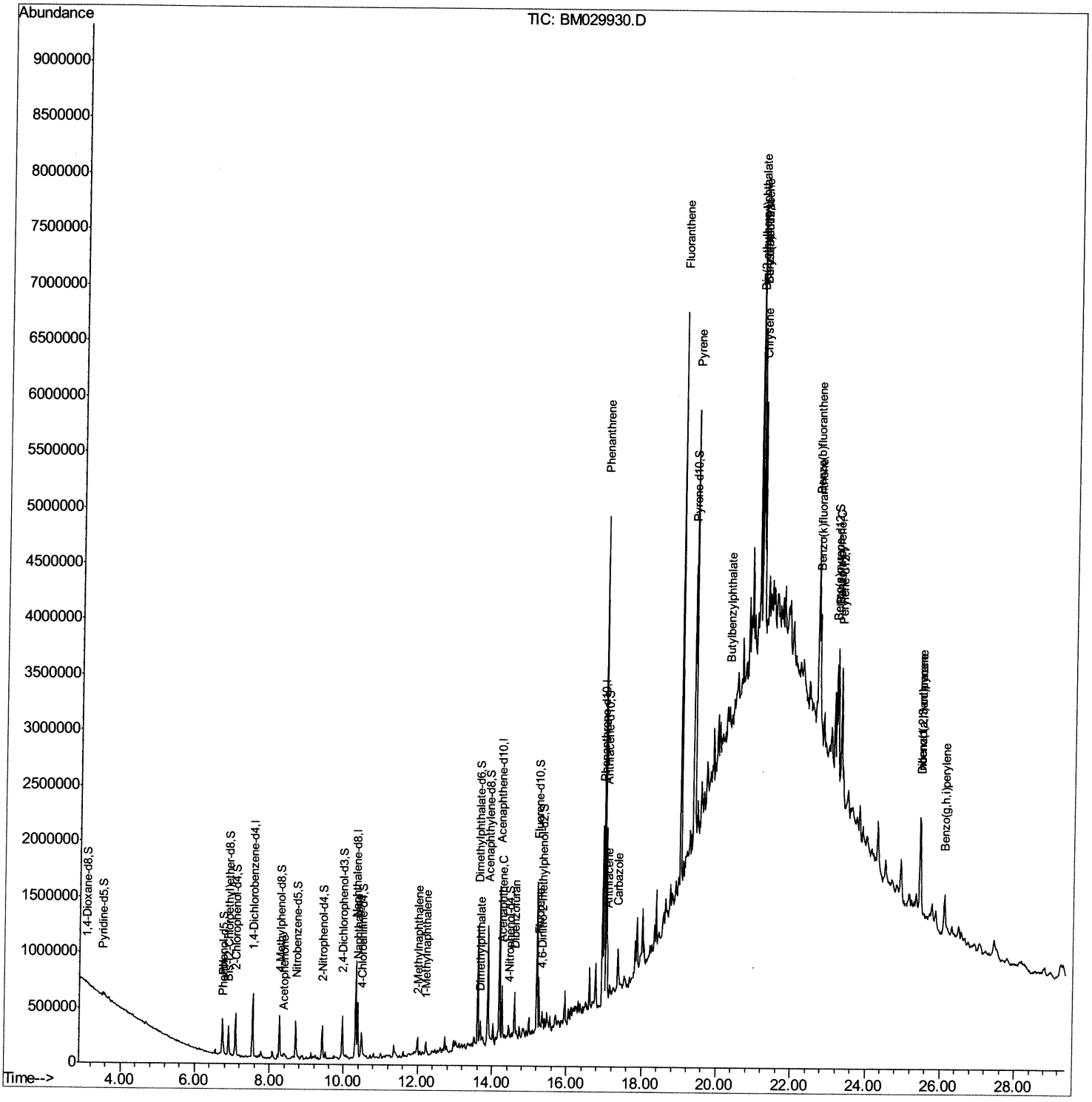
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029930.D
Acq On : 11 May 2021 06:59
Operator : CG/JU
Sample : M2177-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: May 11 08:10:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BG584

Manual Integrations APPROVED
mohammad
5/11/2021 2:33:51 PM



Quantitation Report (Qedit)

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Acq On : 11 May 2021 06:59
Operator : CG/JU
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Misc :
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Quant Time: May 11 08:04:53 2021
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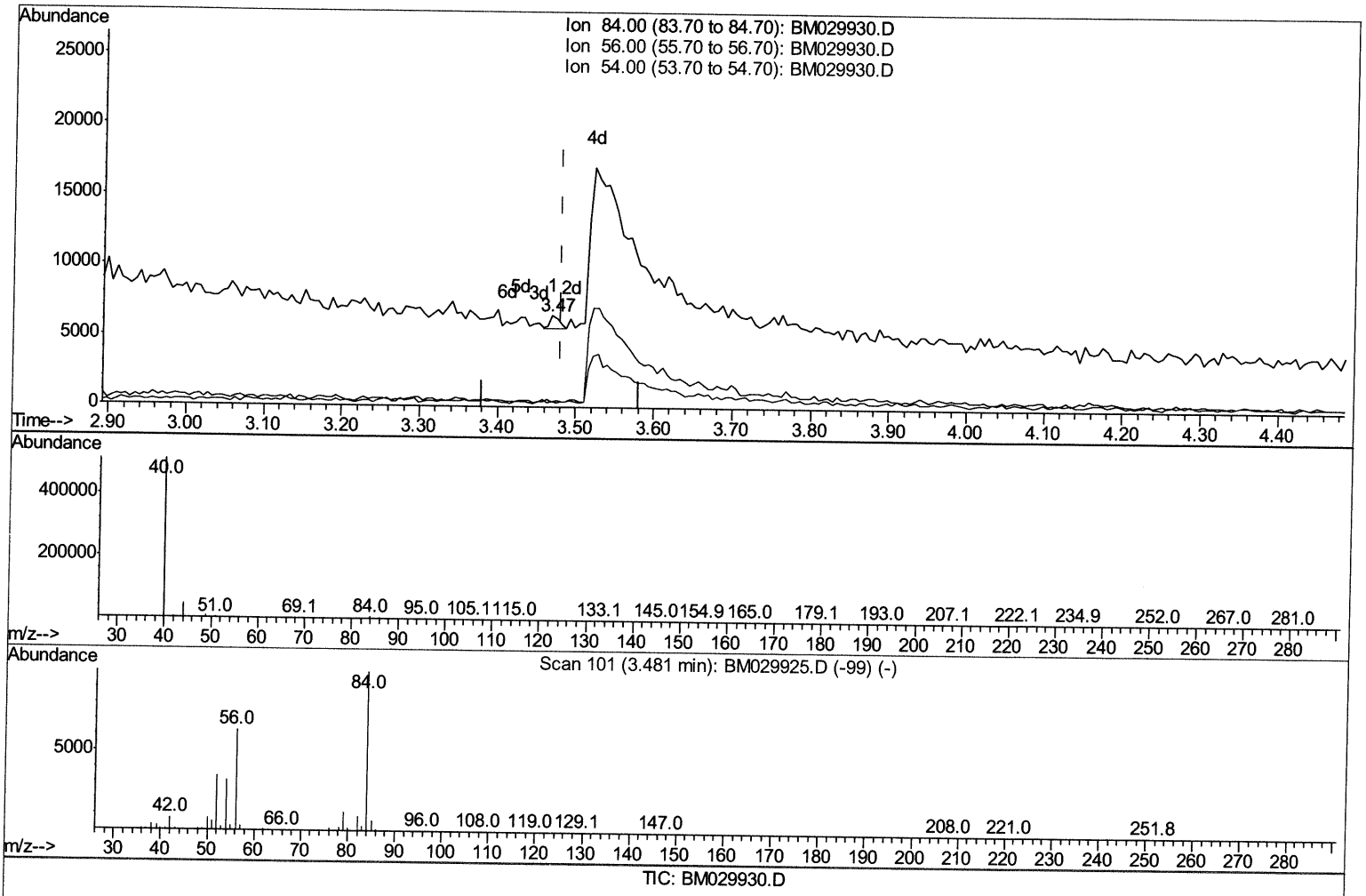

TIC: BM029930.D

(4) Pyridine-d5 (S)

3.469min (-0.012) 0.08ng/ul

response 721

Ion	Exp%	Act%
84.00	100	100
56.00	67.00	6.03#
54.00	32.50	5.50#
0.00	0.00	0.00

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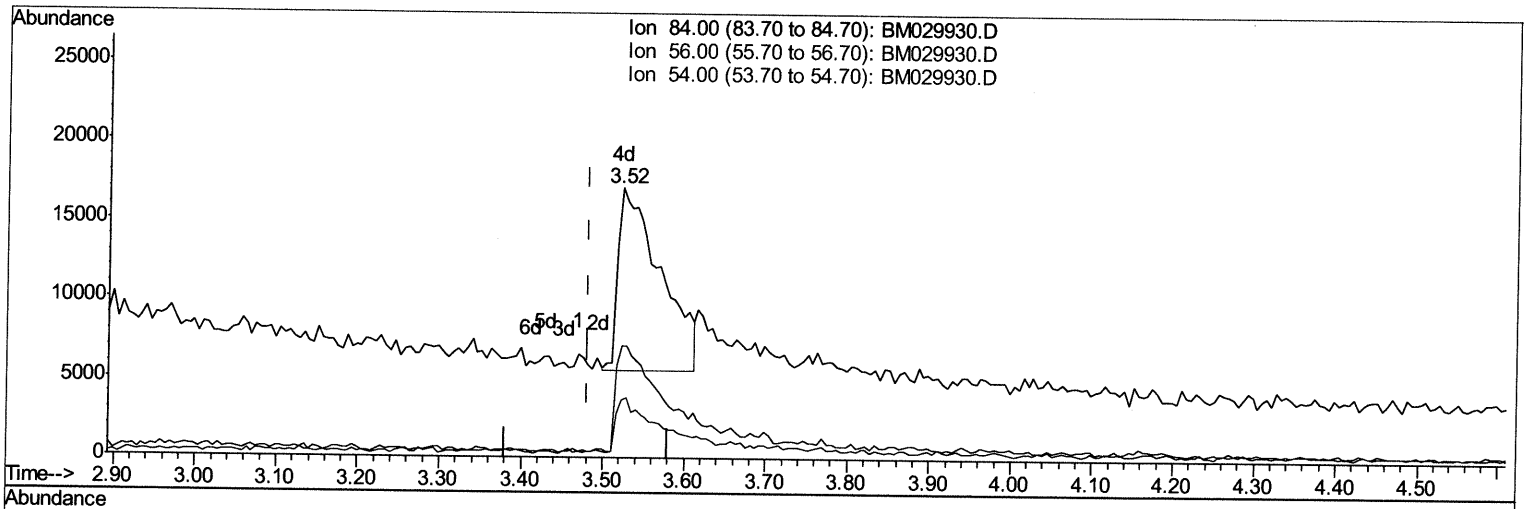

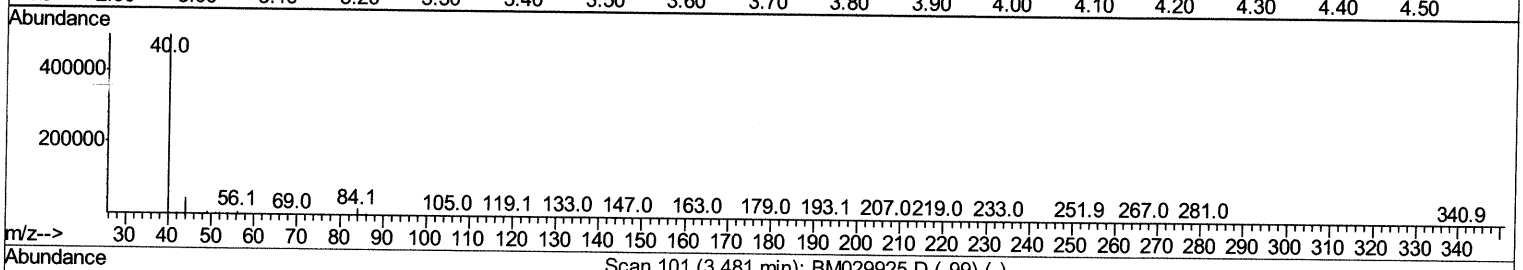

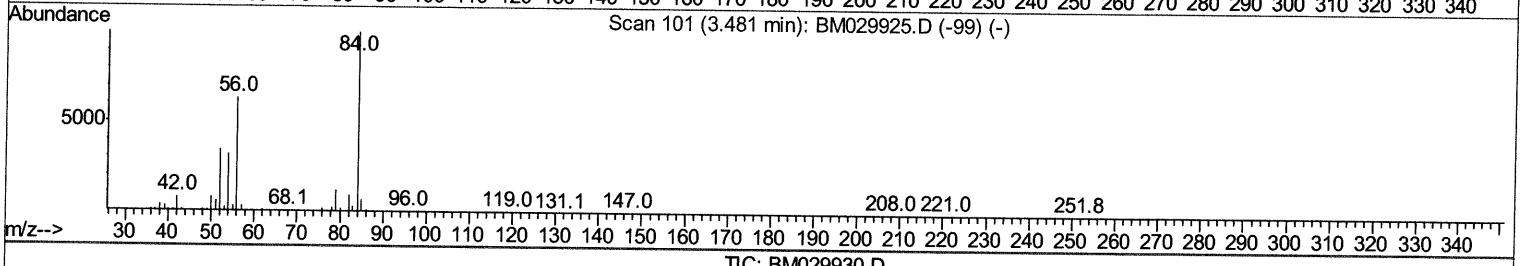

TIC: BM029930.D

(4) Pyridine-d5 (S)

3.522min (+0.041) 4.38ng/ul m 05/12/21 JU

response 41807

Ion	Exp%	Act%
84.00	100	100
56.00	67.00	41.32#
54.00	32.50	21.33#
0.00	0.00	0.00

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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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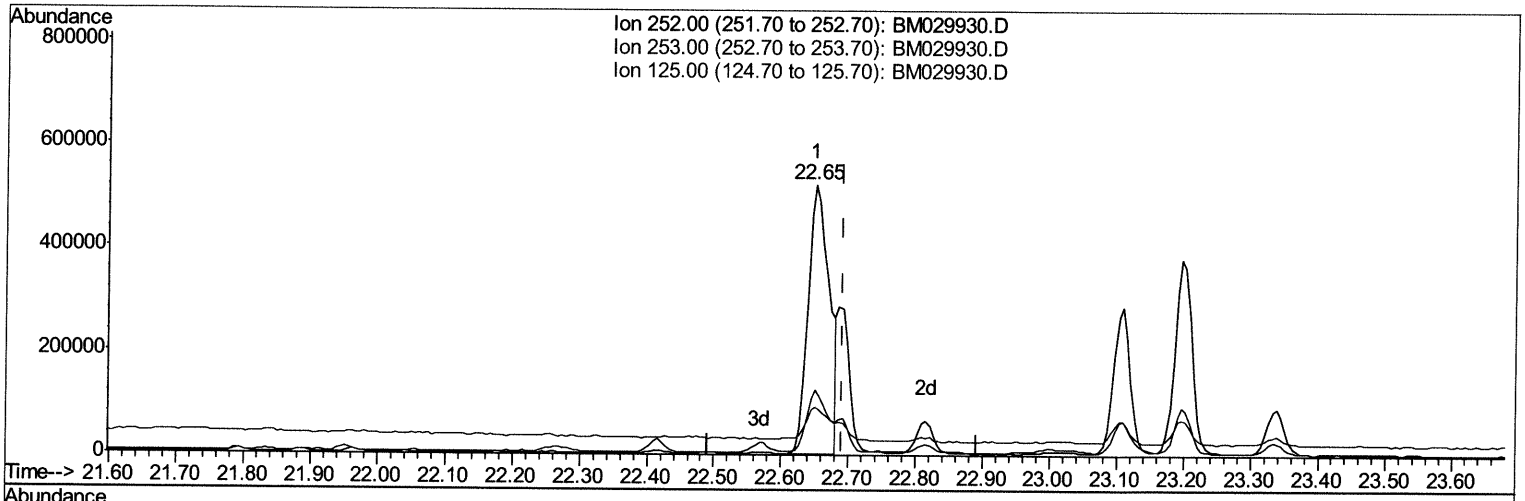

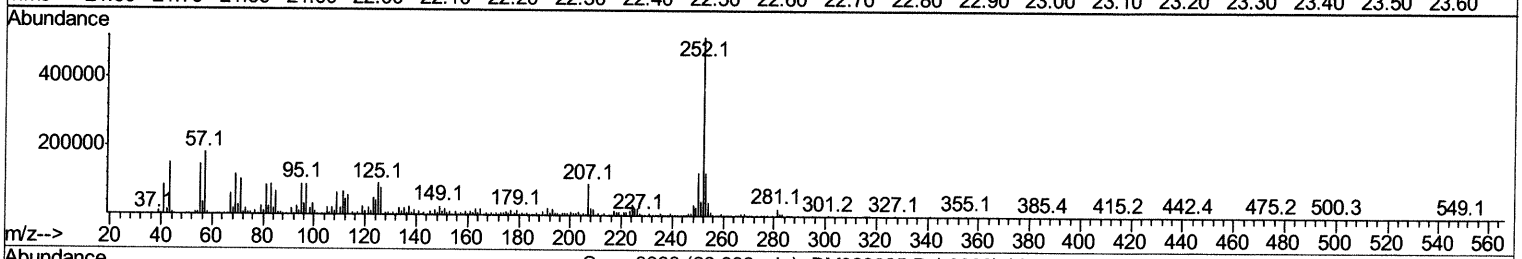

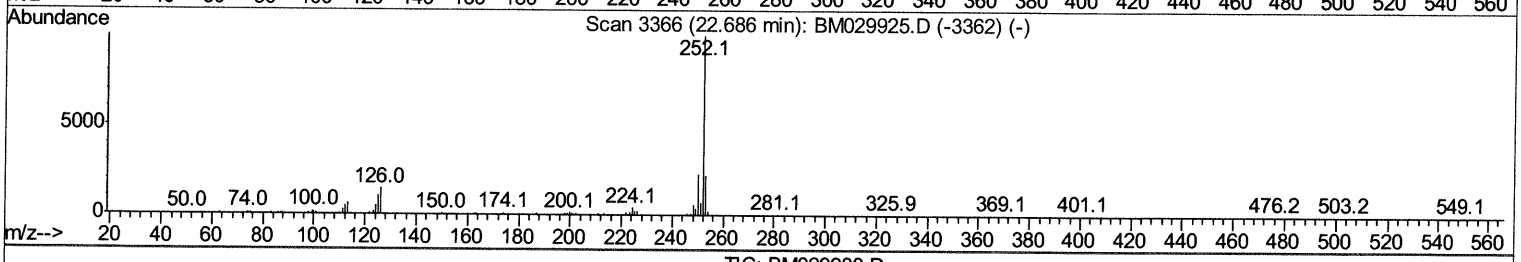

TIC: BM029930.D

(91) Benzo(k)fluoranthene

22.650min (-0.041) 24.38ng/ul

response 1148635

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.32
125.00	10.50	17.78#
0.00	0.00	0.00

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BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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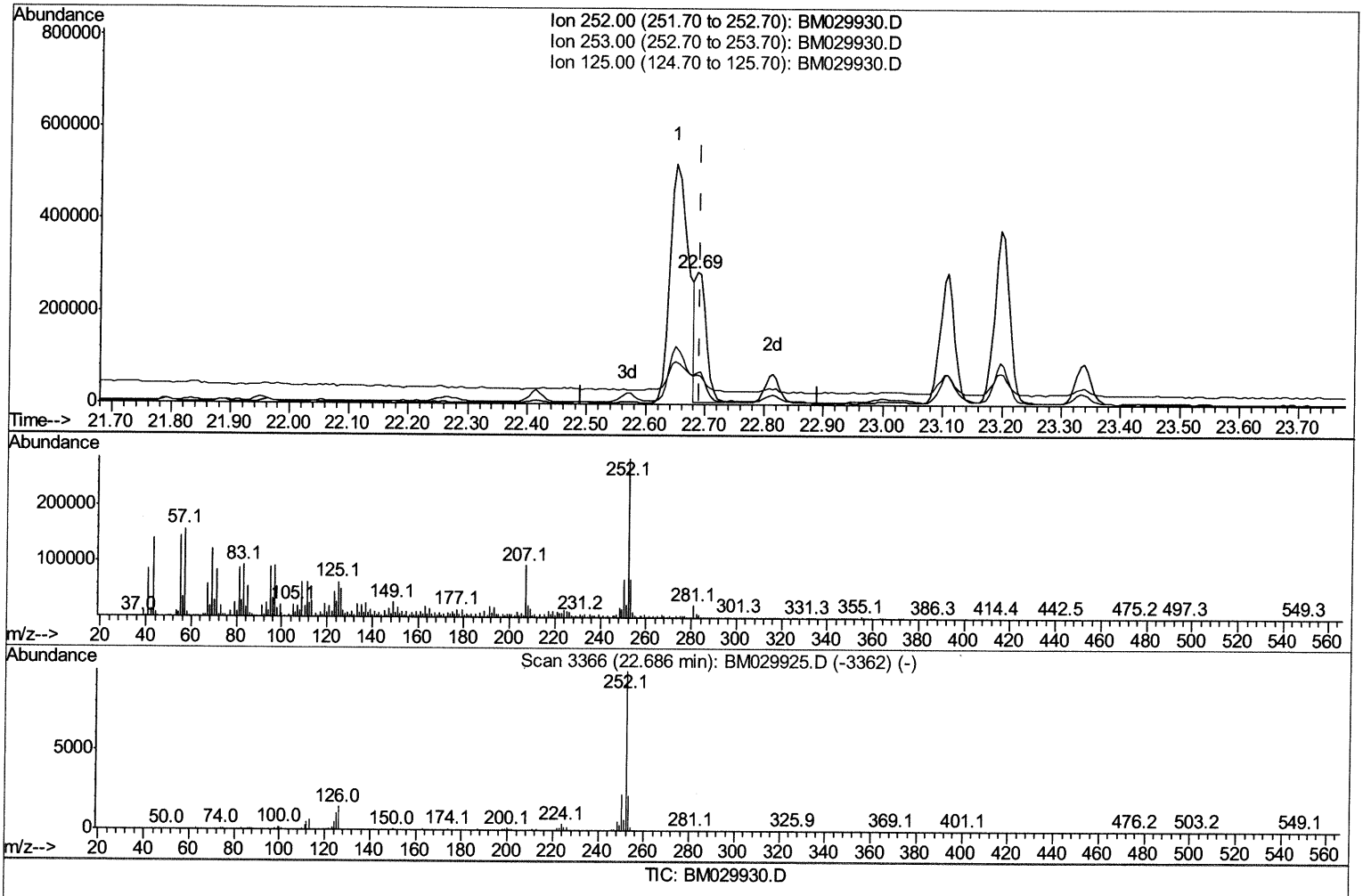

TIC: BM029930.D

(91) Benzo(k)fluoranthene

22.686min (-0.006) 7.41ng/ul m 05/12/21 JU

response 349039

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.32
125.00	10.50	22.26#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152198	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	673543	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	429257	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	861135	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	774592	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	690899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	9372	2.46	ng/uL	0.00
4) Pyridine-d5	3.52	84	41807m>	4.38	ng/ul >	0.04 05/12/21 JU
7) Phenol-d5	6.74	99	193792	13.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	136578	15.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	169514	15.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	155357	13.27	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	80766	17.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	86013	16.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	156093	14.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	124597	7.79	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	547719	16.46	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	708609	16.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	29510	5.45	ng/ul	0.02
60) Fluorene-d10	15.19	176	503700	17.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	26873	4.80	ng/ul	0.00
73) Anthracene-d10	17.04	188	782408	18.04	ng/ul	0.00
81) Pyrene-d10	19.34	212	858349	21.60	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	677549	17.30	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.76	94	20127	1.393	ng/ul#	84
16) Acetophenone	8.38	105	26616	1.417	ng/ul	97
30) Naphthalene	10.37	128	382111	10.221	ng/ul	99
36) 2-Methylnaphthalene	12.00	142	73094	2.695	ng/ul	97
37) 1-Methylnaphthalene	12.22	142	39861	1.483	ng/ul#	93
47) Dimethylphthalate	13.66	163	34447	1.034	ng/ul	96
52) Acenaphthene	14.26	153	183971	6.383	ng/ul	98
56) Dibenzofuran	14.60	168	226553	5.739	ng/ul	94
61) Fluorene	15.25	166	180115	5.337	ng/ul	97
72) Phenanthrene	16.99	178	2486002	48.960	ng/ul	99
74) Anthracene	17.07	178	274555	5.289	ng/ul	97
77) Carbazole	17.35	167	228161	4.797	ng/ul	97
80) Fluoranthene	19.01	202	2797200	57.841	ng/ul	97
82) Pyrene	19.37	202	2189271	43.017	ng/ul	99
83) Butylbenzylphthalate	20.28	149	27048	1.495	ng/ul#	66
85) Benzo(a)anthracene	21.12	228	979352	19.379	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.06	149	1230132	39.446	ng/ul	99
87) Chrysene	21.17	228	1081206	21.480	ng/ul	97
90) Benzo(b)fluoranthene	22.65	252	1148635	25.630	ng/ul#	90
91) Benzo(k)fluoranthene	22.69	252	349039m>	7.408	ng/ul >	05/12/21 JU
93) Benzo(a)pyrene	23.20	252	667019	16.388	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.44	276	419868	8.523	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	25.44	278	121495	2.909	ng/ul#	79
96) Benzo(g,h,i)perylene	26.10	276	371298	9.302	ng/ul	96

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