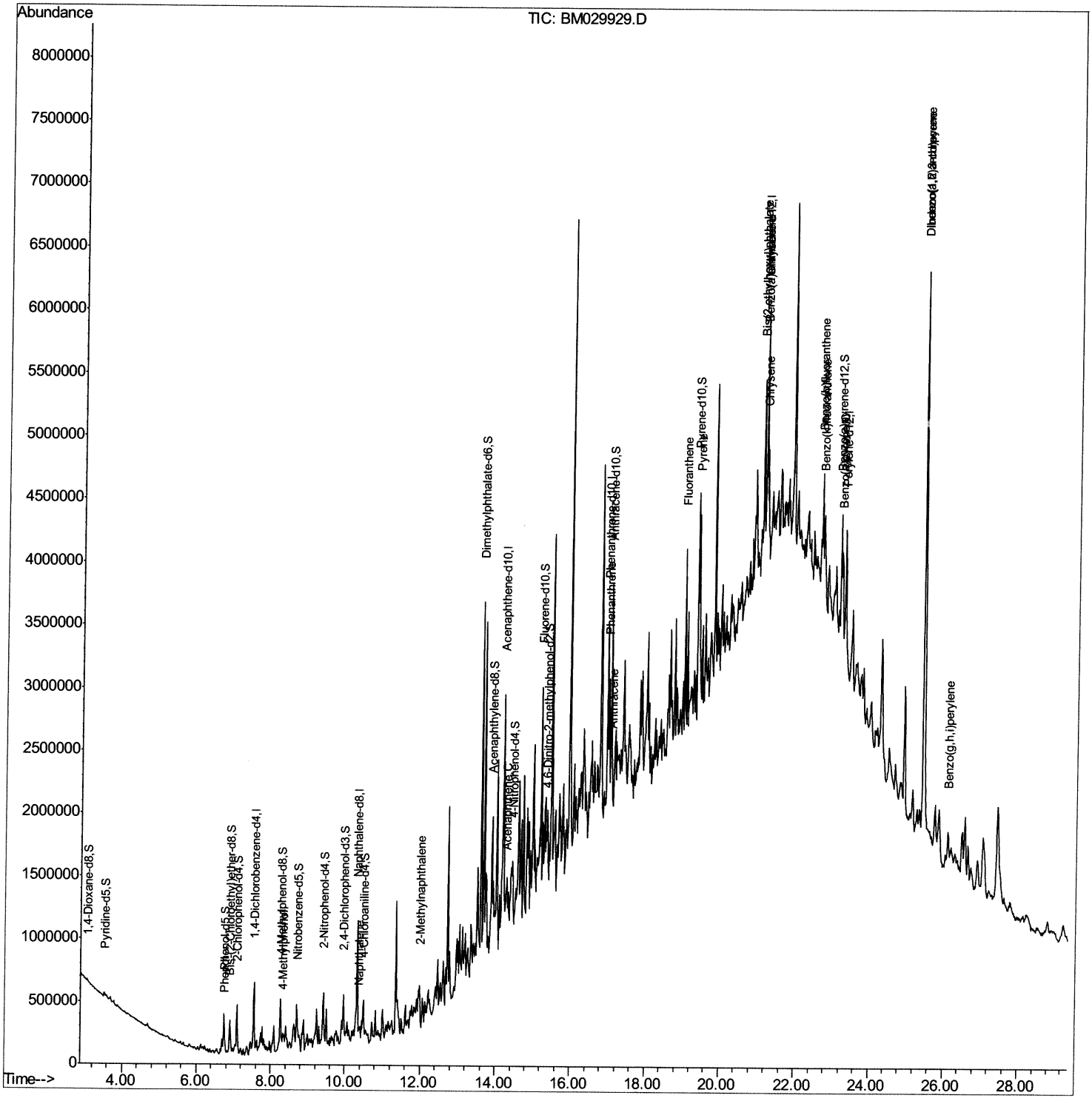
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029929.D
Acq On : 11 May 2021 06:24
Operator : CG/JU
Sample : M2177-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 11 07:59:33 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 :
BG582

Manual Integrations APPROVED
mohammad
5/11/2021 2:33:45 PM



Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051021\
Data File : BM029929.D
Acq On : 11 May 2021 06:24
Operator : CG/JU
Sample : M2177-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 11 07:02:01 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
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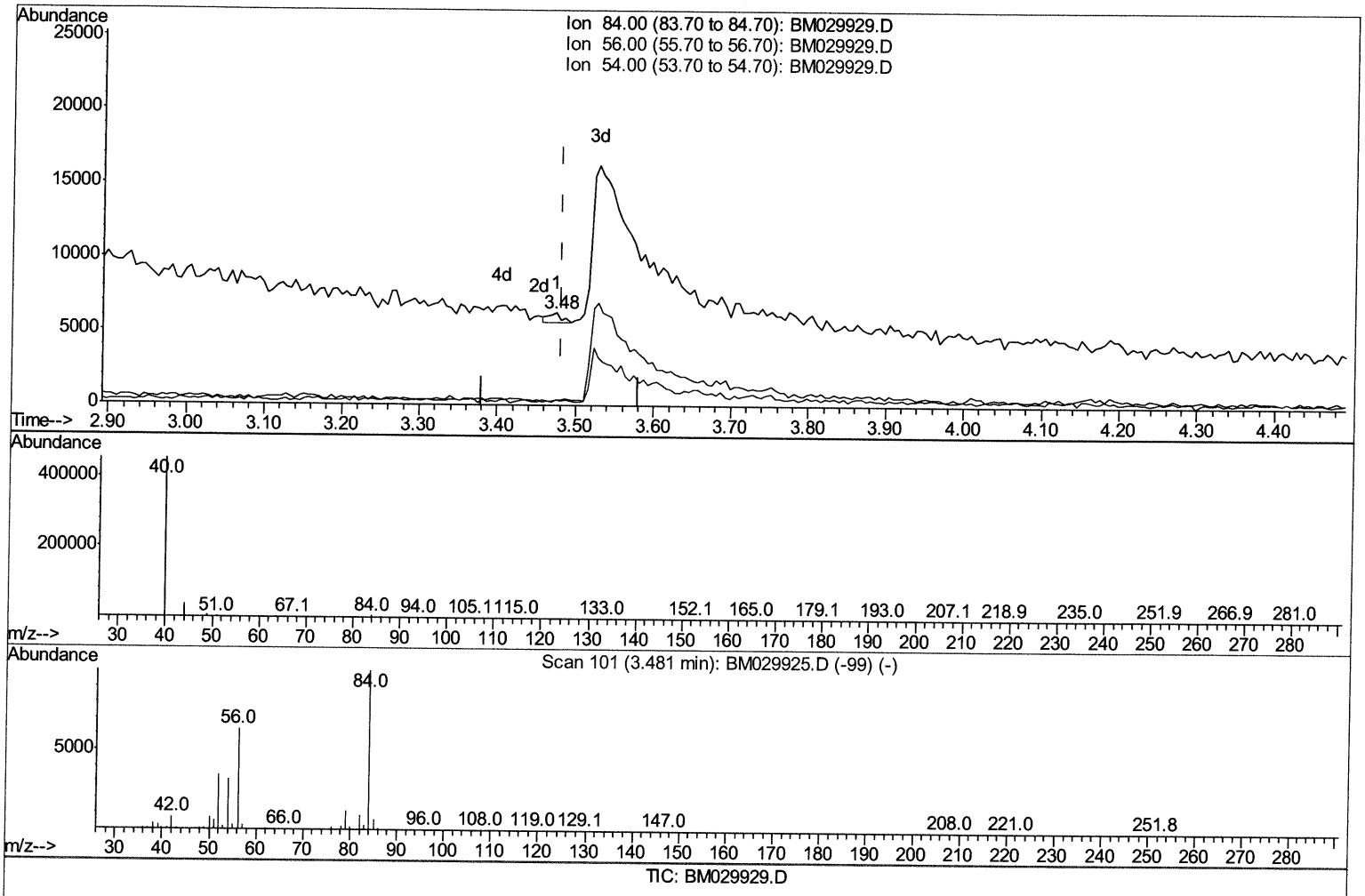

TIC: BM029929.D

(4) Pyridine-d5 (S)

3.475min (-0.006) 0.07ng/ul

response 674

Ion	Exp%	Act%
84.00	100	100
56.00	67.00	6.25#
54.00	32.50	5.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

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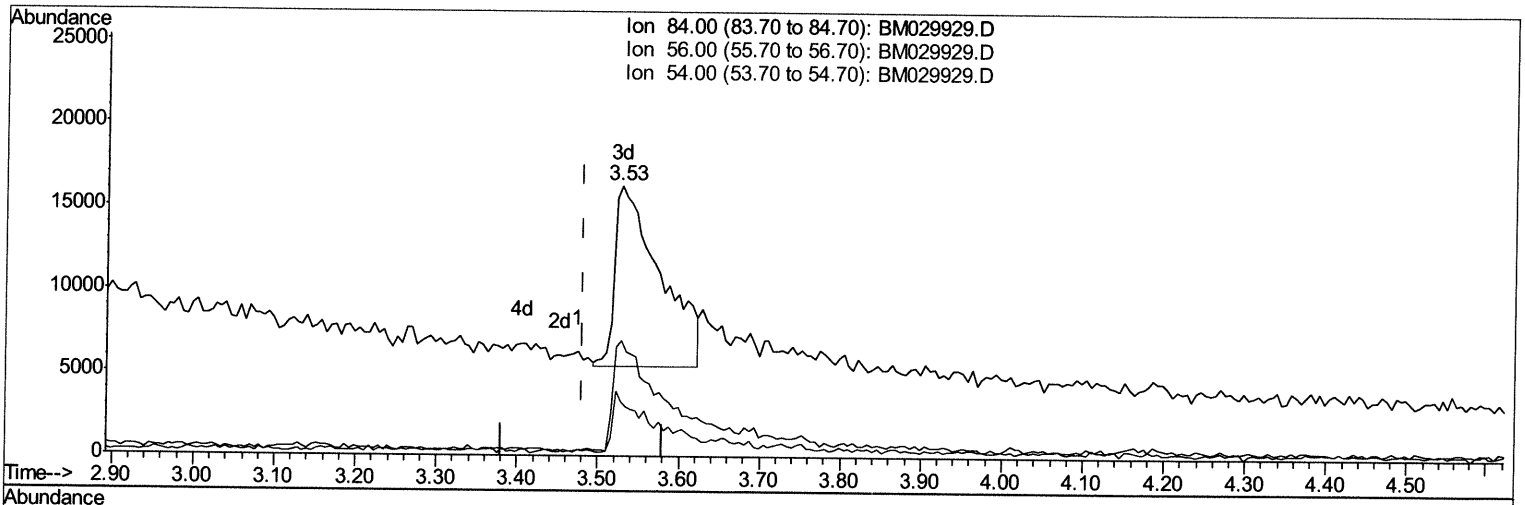
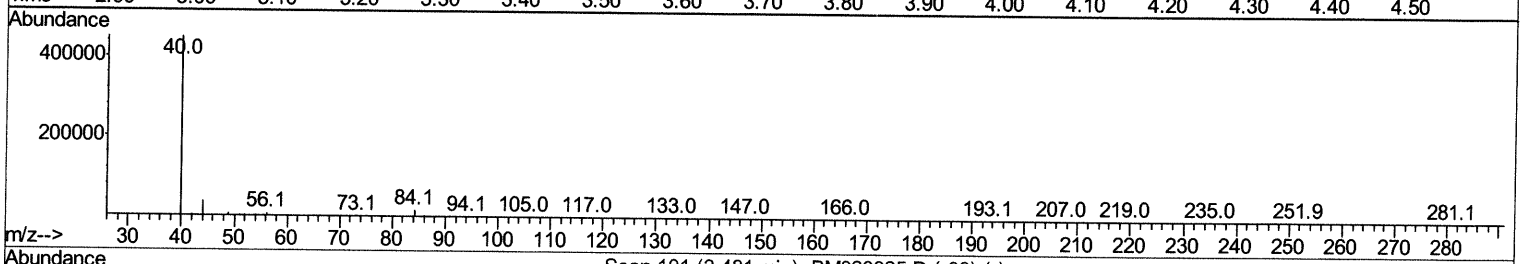
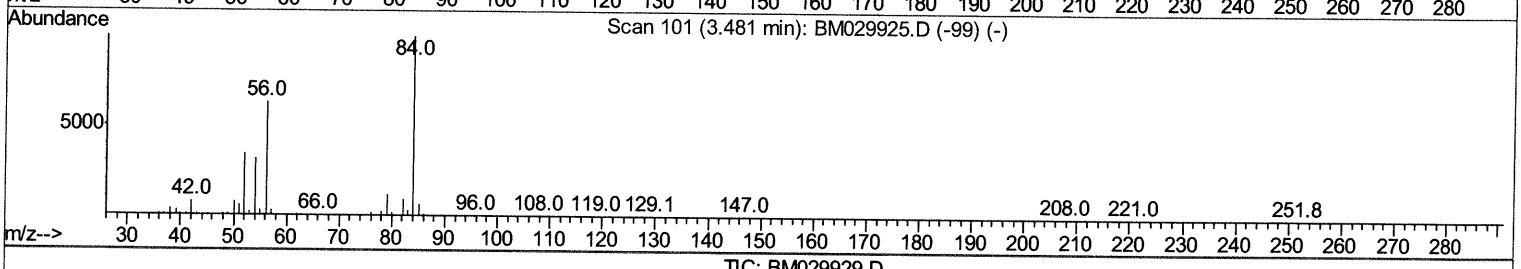
Manual Integrations APPROVED
mohammad
5/11/2021 2:33:45 PM







TIC: BM029929.D

(4) Pyridine-d5 (S)

3.528min (+0.047) 4.48ng/ul m 05/12/21JU

response 42504

Ion	Exp%	Act%
84.00	100	100
56.00	67.00	42.84#
54.00	32.50	20.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

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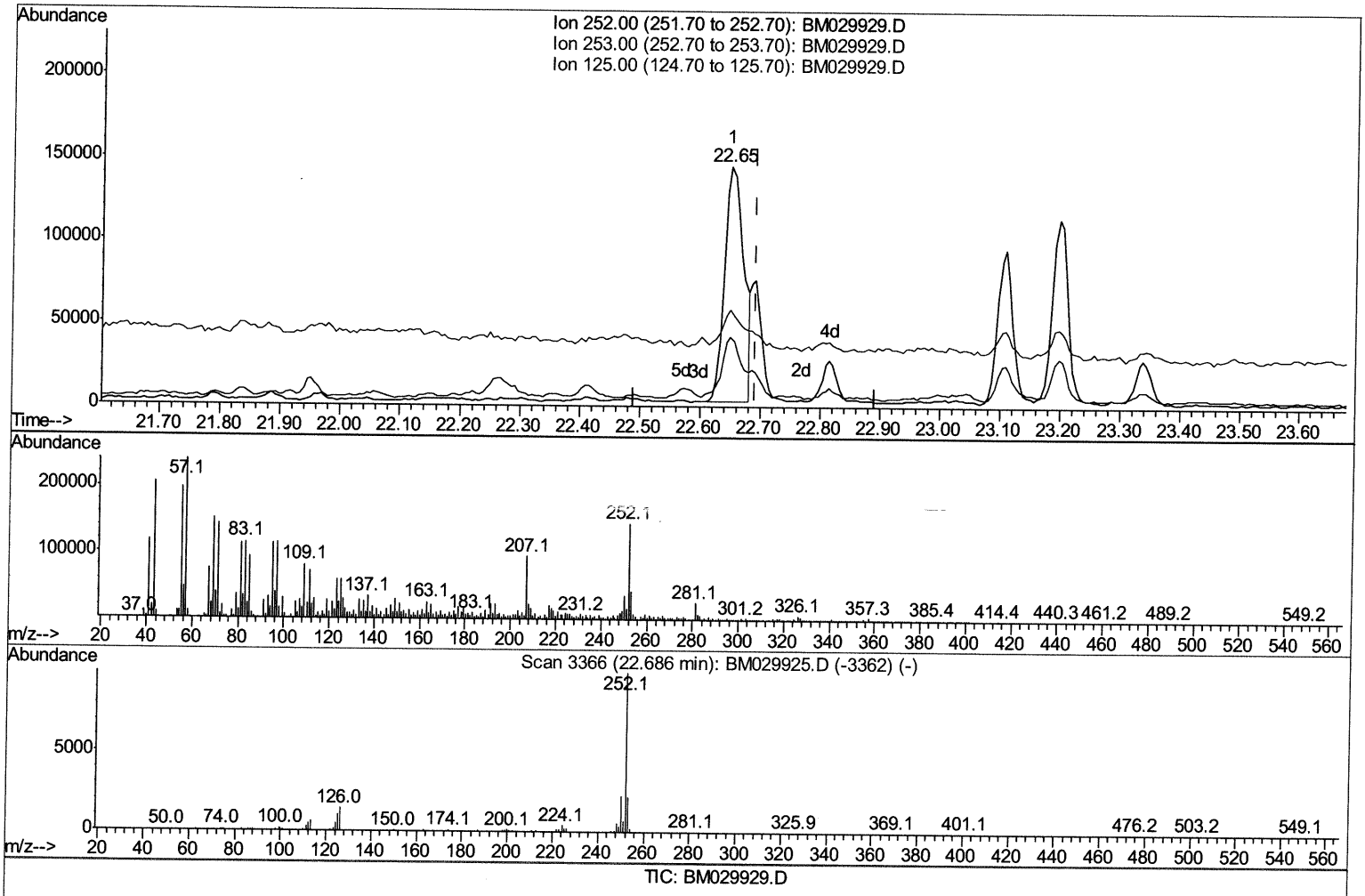
Data File : BM029929.D
Acq On : 11 May 2021 06:24
Operator : CG/JU
Sample : M2177-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 11 07:04:05 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 :
BG582

Manual Integrations APPROVED
mohammad
5/11/2021 2:33:45 PM



(91) Benzo(k)fluoranthene

22.650min (-0.041) 7.23ng/ul

response 311123

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	29.11#
125.00	10.50	40.56#
0.00	0.00	0.00

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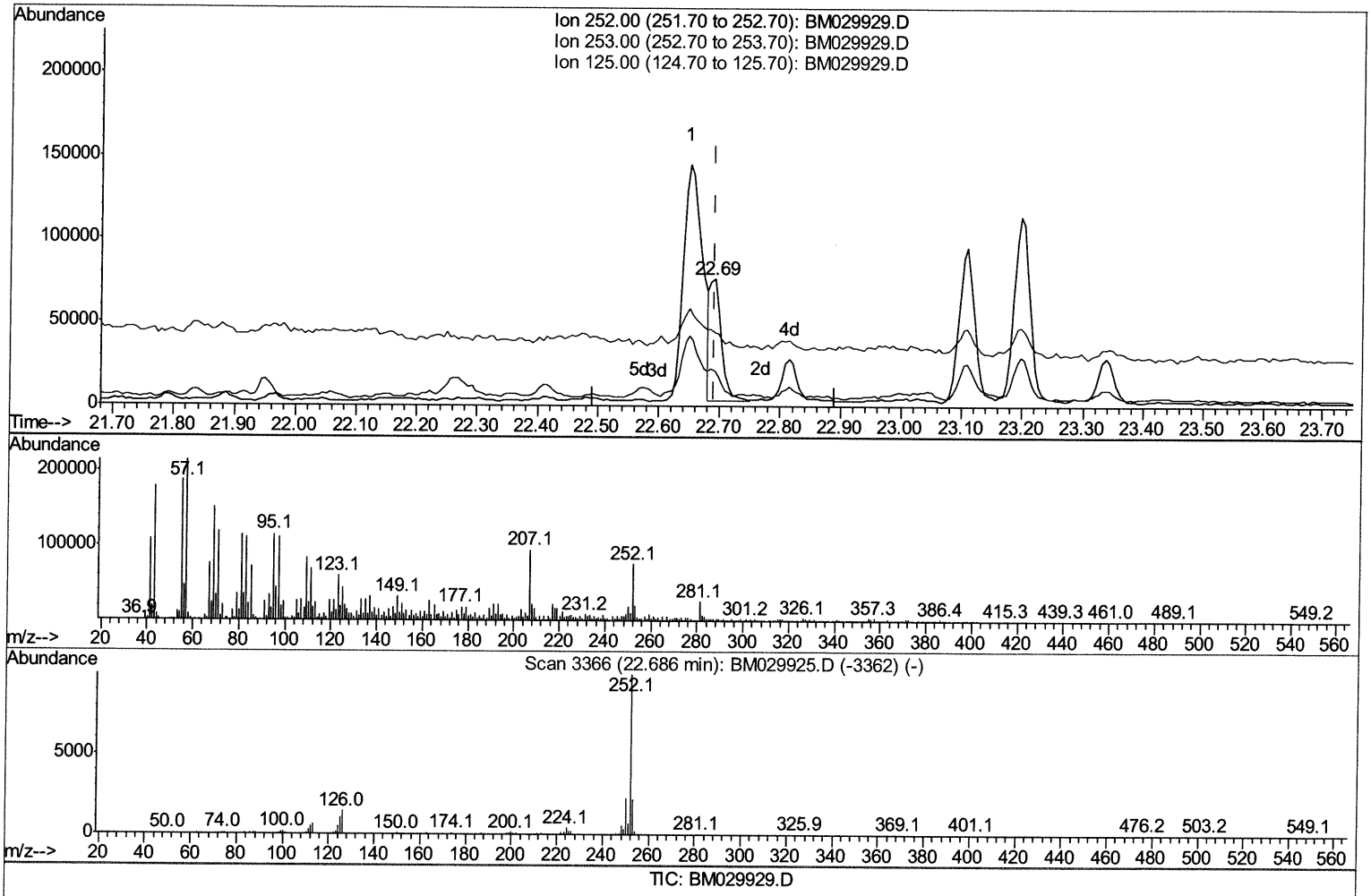
mohammad
5/11/2021 2:33:45 PM



TIC: BM029929.D

(91) Benzo(k)fluoranthene

22.691min (+0.000) 2.16ng/ul m 05/12/21 JU

response 92788

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	27.84#
125.00	10.50	58.10#
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	7.55	152	151200	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	664167	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	433545	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	831313	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	631454	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	630792	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10367	2.74	ng/uL	0.00
4) Pyridine-d5	3.53	84	42504m>	4.48	ng/ul>	0.05 05/12/21 JU
7) Phenol-d5	6.74	99	190640	13.56	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	133657	15.33	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	163360	15.05	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	158969	13.67	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	77970	17.04	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	82933	16.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	151746	14.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	103847	6.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	566347	16.85	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	707414	16.61	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	27034	4.94	ng/ul	0.01
60) Fluorene-d10	15.20	176	506765	17.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	28907	5.35	ng/ul	0.00
73) Anthracene-d10	17.04	188	744530	17.79	ng/ul	0.00
81) Pyrene-d10	19.34	212	715710	22.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	602414	16.85	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.76	94	23604	1.644	ng/ul#	89
18) 4-Methylphenol	8.33	108	17605	1.460	ng/ul	94
30) Naphthalene	10.37	128	50312	1.365	ng/ul	96
36) 2-Methylnaphthalene	12.00	142	34439	1.288	ng/ul	93
52) Acenaphthene	14.26	153	43308	1.488	ng/ul	94
72) Phenanthrene	16.99	178	437928	8.934	ng/ul#	95
74) Anthracene	17.08	178	98664	1.969	ng/ul#	84
80) Fluoranthene	19.01	202	733682	18.610	ng/ul	96
82) Pyrene	19.37	202	760863	18.339	ng/ul	99
85) Benzo(a)anthracene	21.12	228	268480	6.517	ng/ul#	89
86) Bis(2-ethylhexyl)phthalate	21.06	149	455567	17.920	ng/ul	98
87) Chrysene	21.17	228	339257	8.268	ng/ul#	93
90) Benzo(b)fluoranthene	22.65	252	311123	7.604	ng/ul#	64
91) Benzo(k)fluoranthene	22.69	252	92788m>	2.157	ng/ul>	05/12/21 JU
93) Benzo(a)pyrene	23.20	252	203073	5.465	ng/ul#	68
94) Indeno(1,2,3-cd)pyrene	25.44	276	136519	3.035	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.45	278	39799	1.044	ng/ul#	18
96) Benzo(g,h,i)perylene	26.11	276	132072	3.624	ng/ul#	88

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