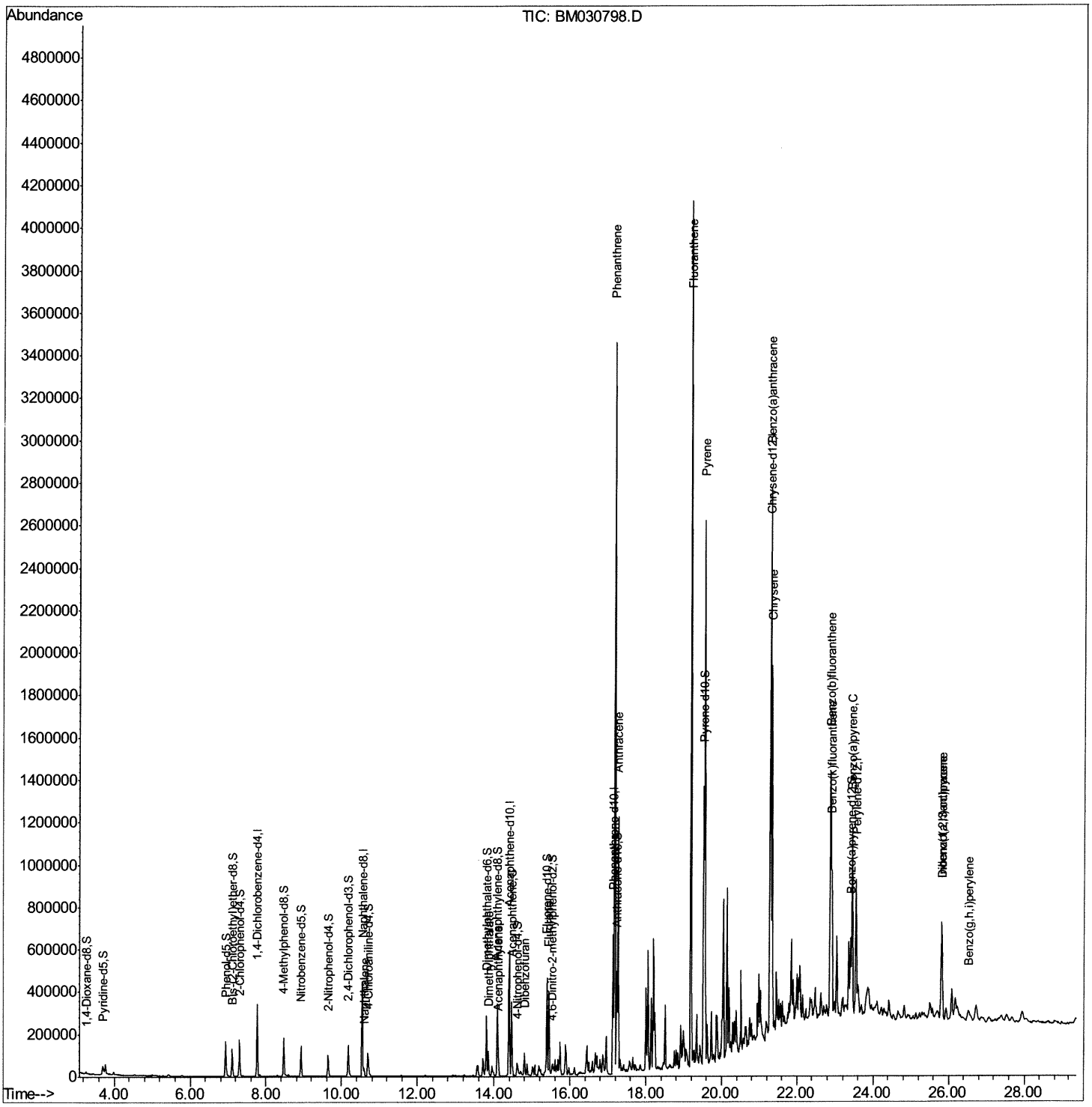
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030798.D
Acq On : 03 Jul 2021 06:12
Operator : CG/JU
Sample : M2869-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 03 07:06:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 03 06:52:50 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX1

Manual Integrations APPROVED
mohammad
7/6/2021 9:25:38 AM



Quantitation Report (Qedit)

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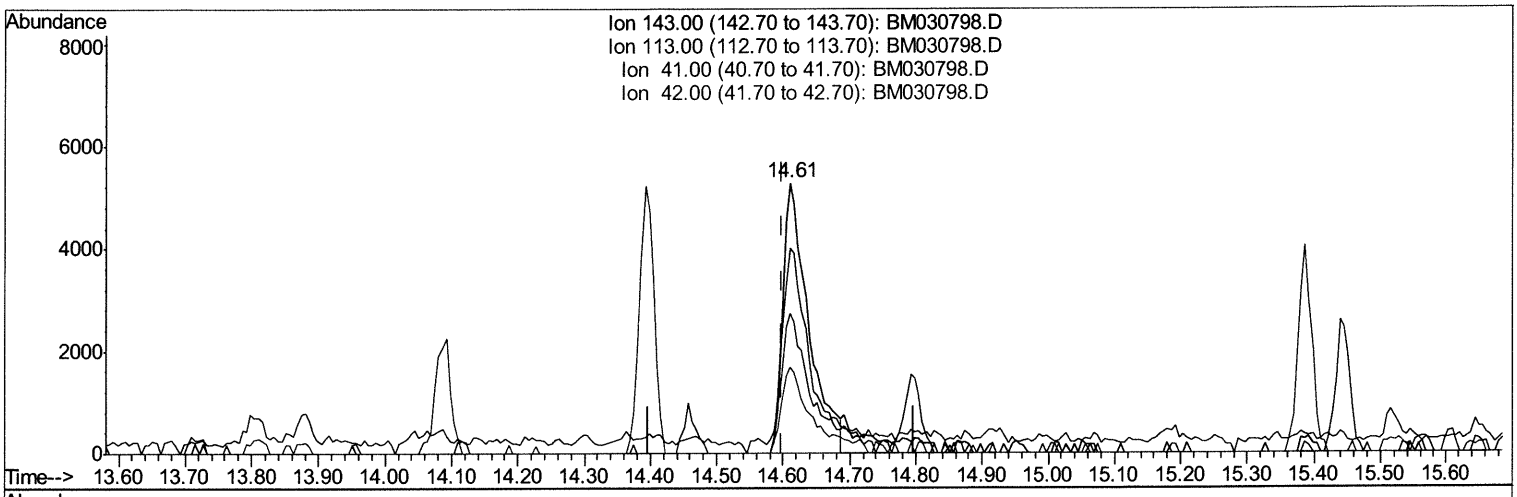

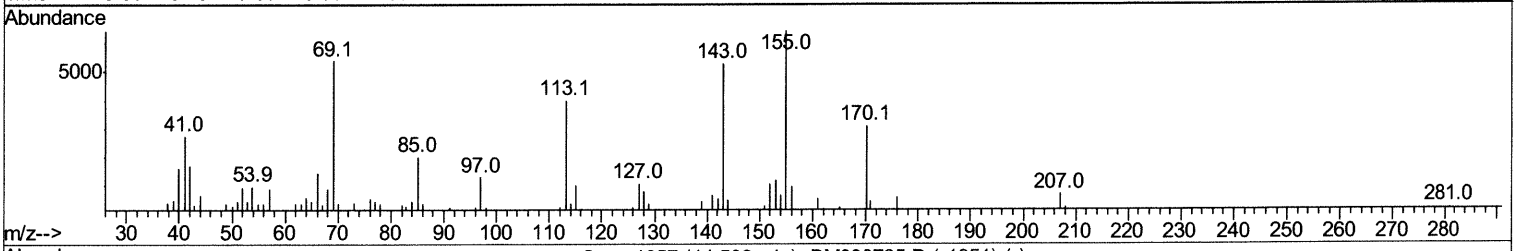

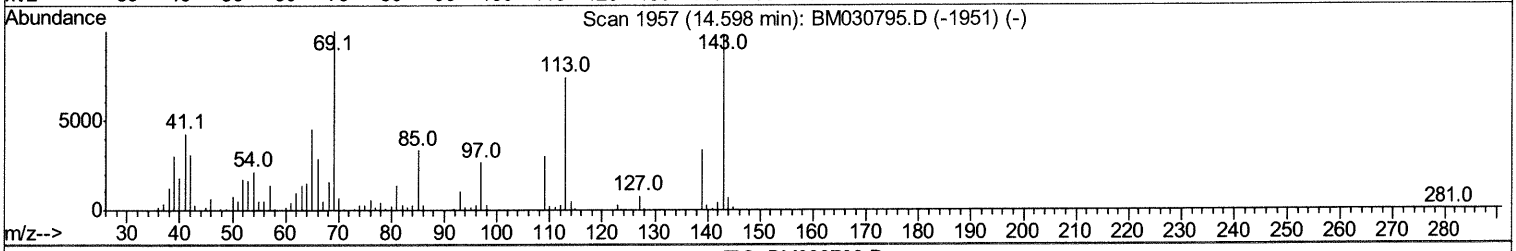

TIC: BM030798.D

(54) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 5.34ng/ul

response 14147

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	75.92
41.00	44.10	52.06
42.00	30.20	32.03

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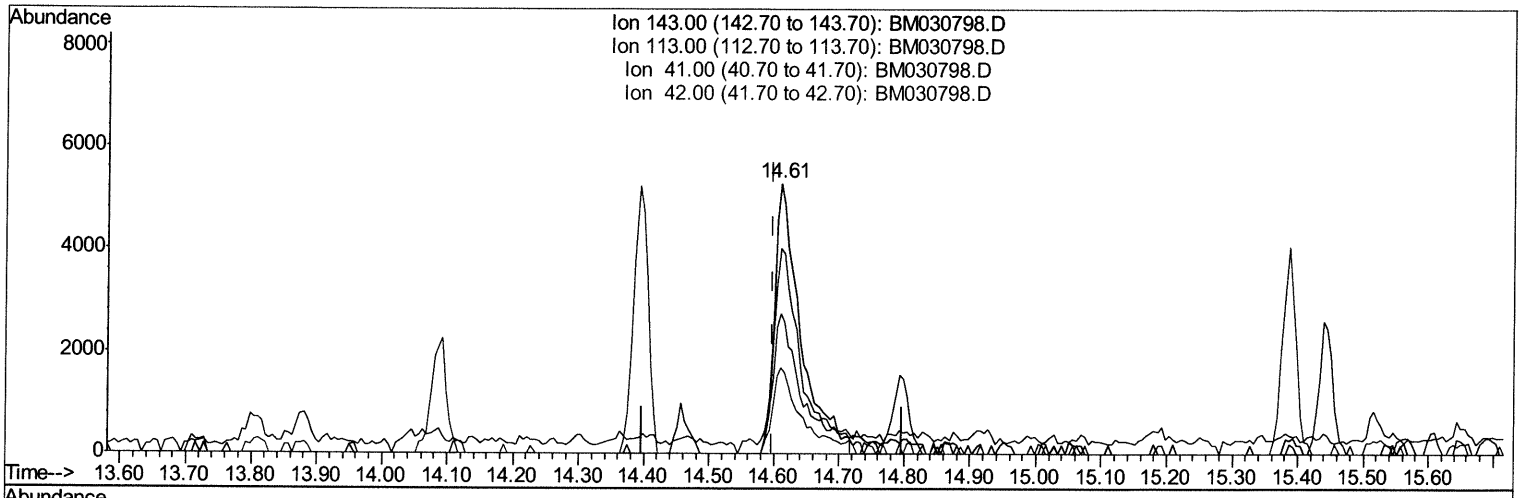

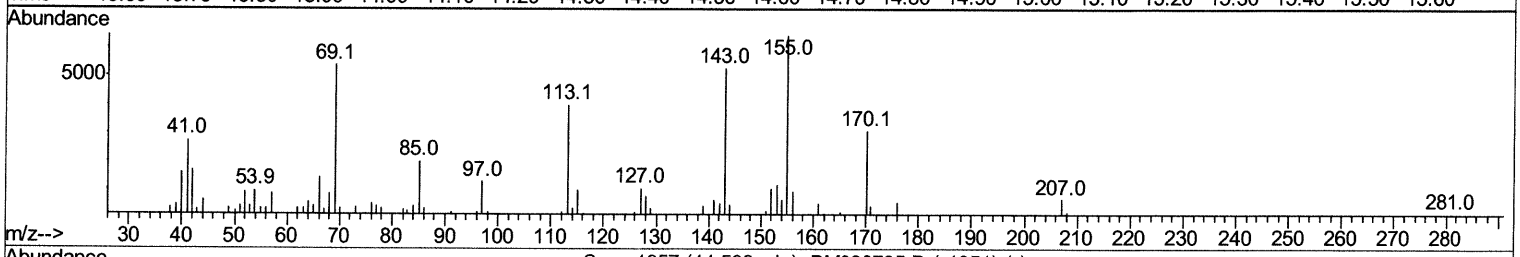

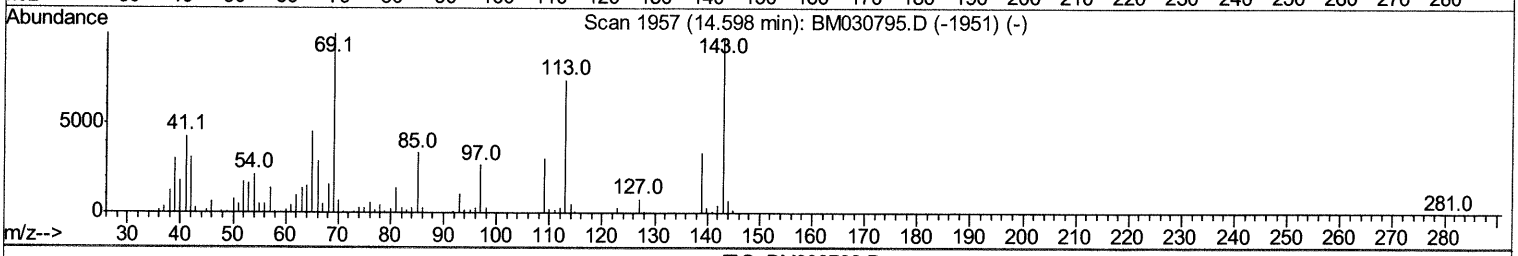

TIC: BM030798.D

(54) 4-Nitrophenol-d4 (S)

14.610min (+0.012) 5.63ng/ul m

response 14913

JG 7/7/21

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	75.92
41.00	44.10	52.06
42.00	30.20	32.03

Quantitation Report (Qedit)

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
mohammad
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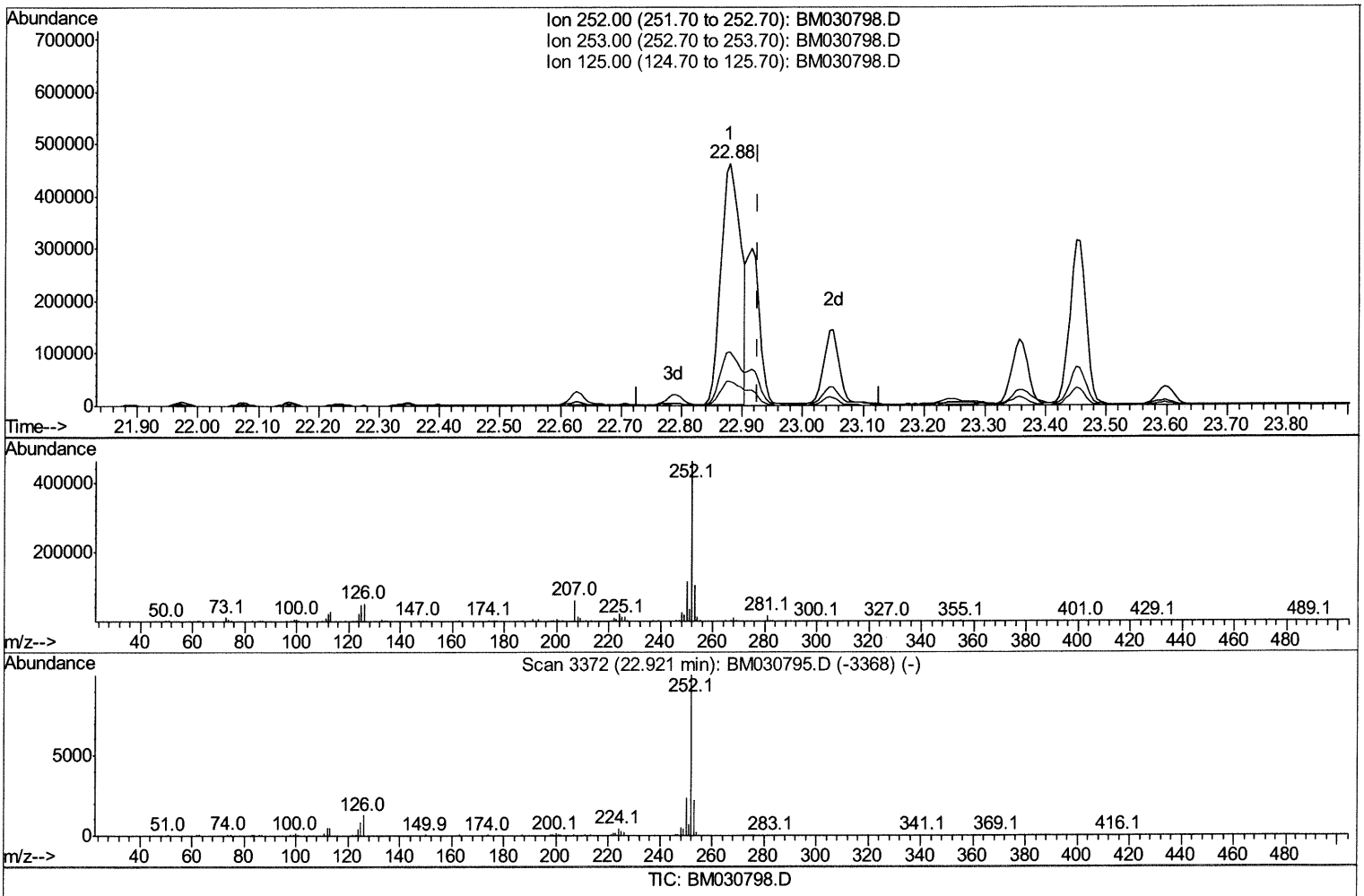

TIC: BM030798.D

(91) Benzo(k)fluoranthene

22.880min (-0.047) 38.14ng/ul

response 1053763

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.47
125.00	9.90	10.02
0.00	0.00	0.00

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BNA_M
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BGDX1

Manual Integrations APPROVED
mohammad
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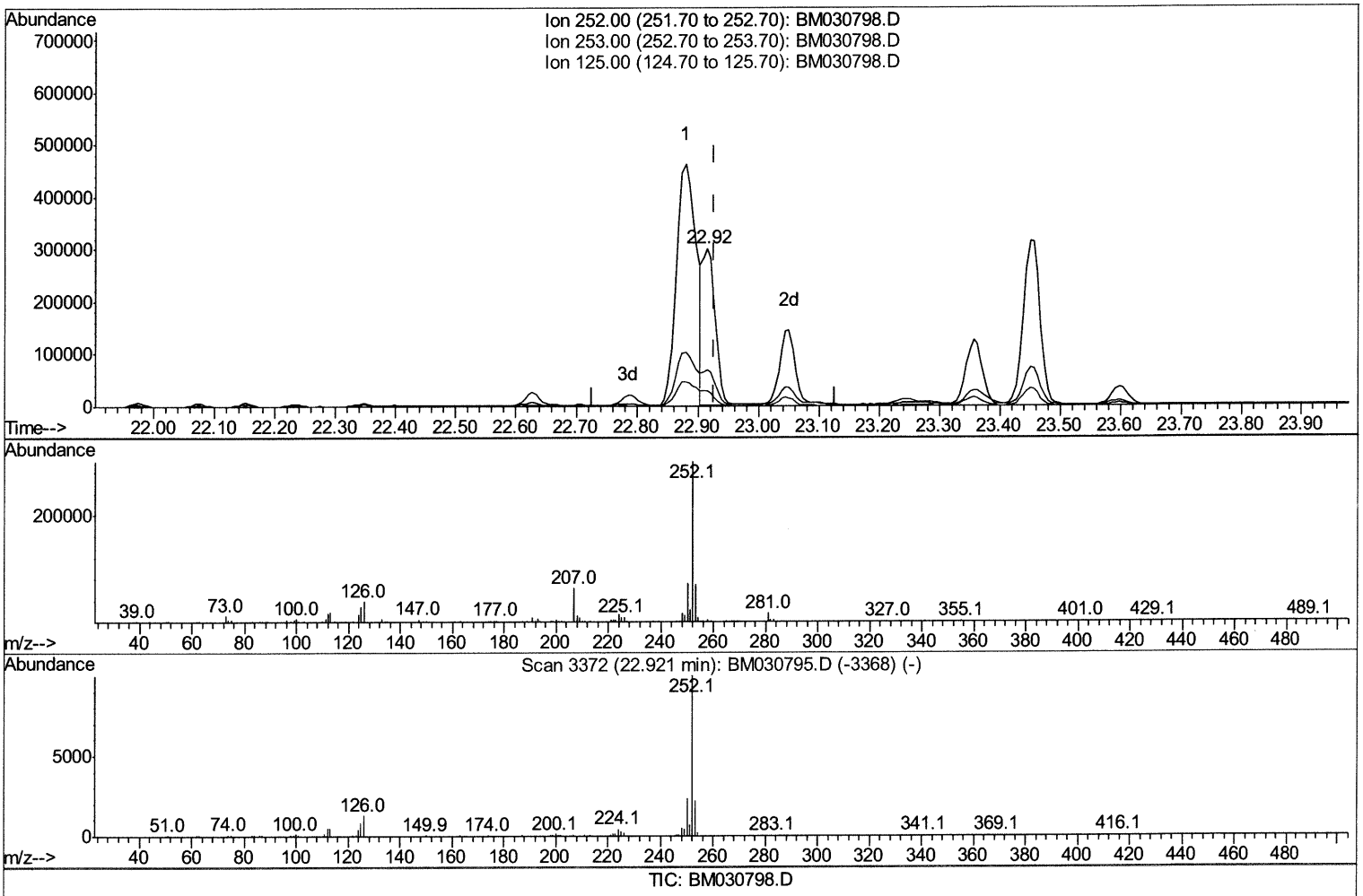

TIC: BM030798.D

(91) Benzo(k)fluoranthene

22.915min (-0.012) 15.48ng/ul m

response 427605

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.16
125.00	9.90	9.54
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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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	7.77	152	89790	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	353904	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	202422	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	390179	20.00	ng/ul	0.00
79) Chrysene-d12	21.30	240	409916	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	452863	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	5812	2.62	ng/uL	0.00
4) Pyridine-d5	3.70	84	37178	6.25	ng/ul	0.02
7) Phenol-d5	6.93	99	87532	11.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	60348	12.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	74107	12.40	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	67594	11.22	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	30978	11.73	ng/ul	0.00
24) 2-Nitrophenol-d4	9.65	143	30818	10.50	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	61009	10.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	69992	8.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	190931	13.66	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	230108	12.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.61	143	14913m	5.63	ng/ul	0.01
60) Fluorene-d10	15.39	176	168879	13.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	8234	3.23	ng/ul	0.00
73) Anthracene-d10	17.23	188	253346	13.91	ng/ul	0.00
81) Pyrene-d10	19.52	212	259190	12.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	252780	10.74	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.60	128	29299	1.635	ng/ul	100
47) Dimethylphthalate	13.86	163	69349	5.064	ng/ul	99
50) Acenaphthylene	14.12	152	48964	2.910	ng/ul#	95
52) Acenaphthene	14.46	153	140906	11.537	ng/ul	99
56) Dibenzofuran	14.79	168	38114	2.239	ng/ul	97
61) Fluorene	15.45	166	165623	11.803	ng/ul	99
72) Phenanthrene	17.18	178	1982287	94.605	ng/ul	99
74) Anthracene	17.27	178	703818	32.852	ng/ul	99
80) Fluoranthene	19.19	202	2309649	88.046	ng/ul	99
82) Pyrene	19.55	202	1580906	57.355	ng/ul	99
85) Benzo(a)anthracene	21.29	228	1118406	43.964	ng/ul	94
87) Chrysene	21.34	228	876564	35.346	ng/ul	98
90) Benzo(b)fluoranthene	22.88	252	1053763	36.651	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	427605m	15.475	ng/ul	
93) Benzo(a)pyrene	23.45	252	601411	23.263	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.82	276	411521	12.644	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.83	278	137875	5.110	ng/ul#	92
96) Benzo(g,h,i)perylene	26.51	276	33213	1.223	ng/ul#	90

JU 7/7/21

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