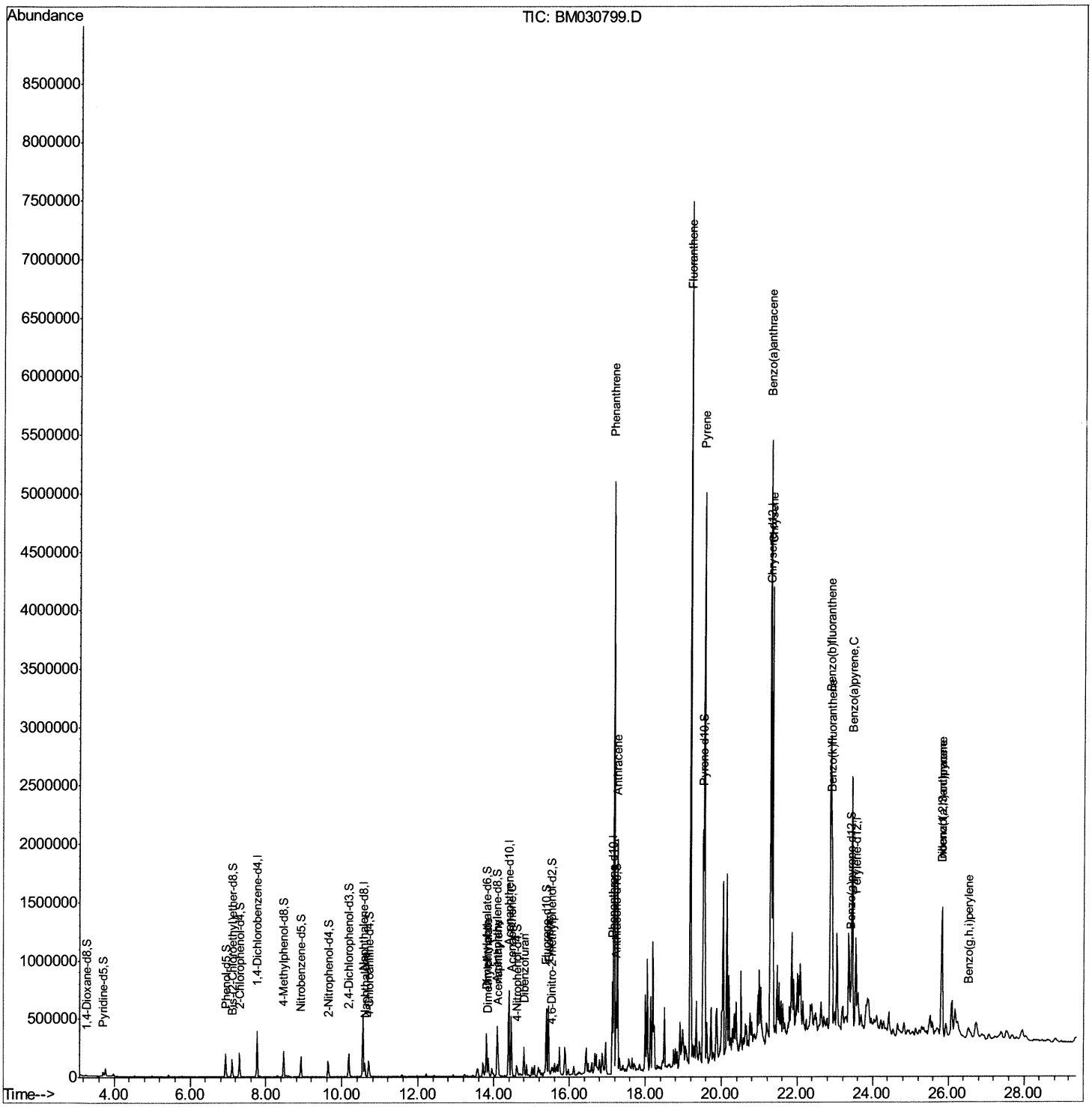
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030799.D
Acq On : 03 Jul 2021 06:48
Operator : CG/JU
Sample : M2869-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 05 01:08:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BGDX4

Manual Integrations APPROVED
mohammad
7/6/2021 9:25:40 AM



Quantitation Report (Qedit)

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Acq On : 03 Jul 2021 06:48
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Quant Time: Jul 05 01:05:06 2021
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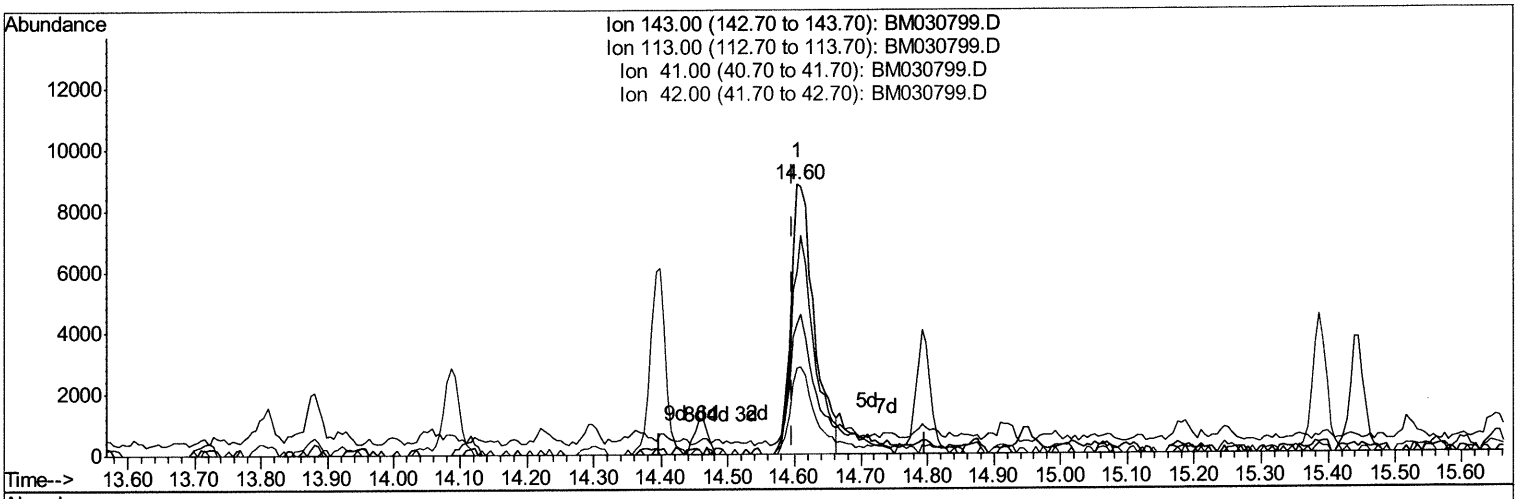

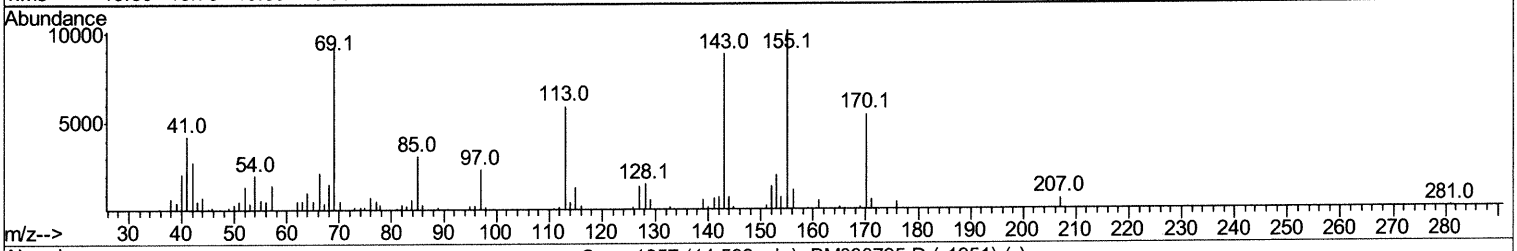

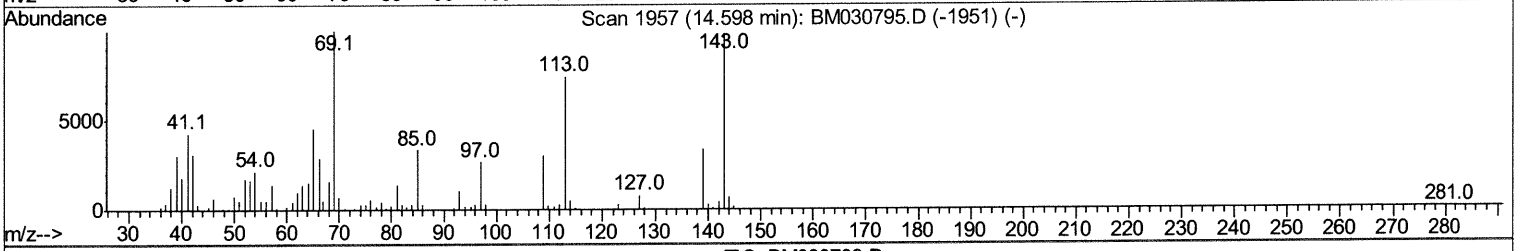

TIC: BM030799.D

(54) 4-Nitrophenol-d4 (S)

14.604min (+0.006) 6.56ng/ul

response 21482

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	67.28
41.00	44.10	48.08
42.00	30.20	32.00

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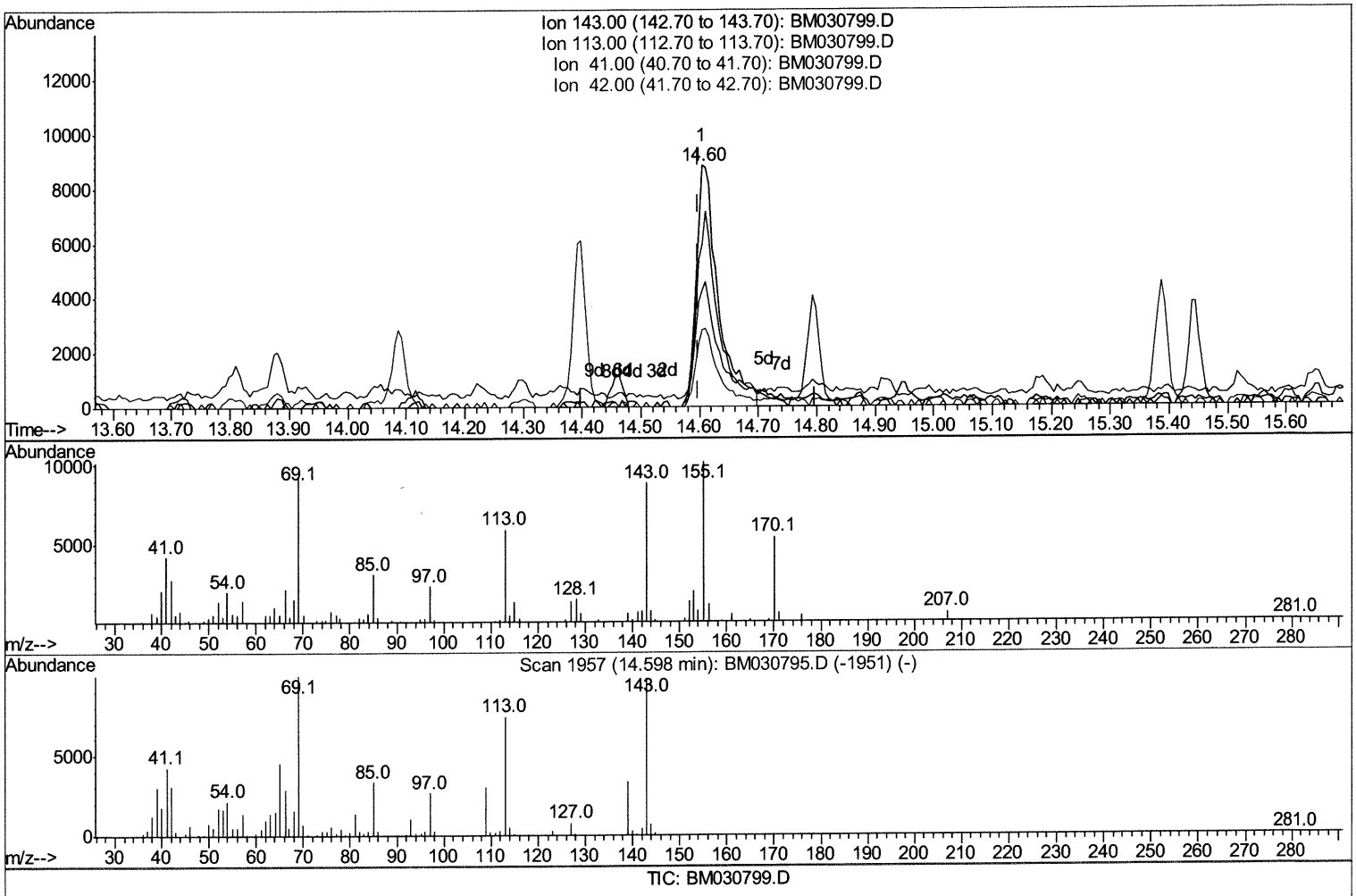

TIC: BM030799.D

(54) 4-Nitrophenol-d4 (S)

14.604min (+0.006) 7.07ng/ul m

response 23137

JU 7/7/21

Ion	Exp%	Act%
143.00	100	100
113.00	74.50	67.28
41.00	44.10	48.08
42.00	30.20	32.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM063021\
Data File : BM030799.D
Acq On : 03 Jul 2021 06:48
Operator : CG/JU
Sample : M2869-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 05 01:07:09 2021
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BNA_M
ClientSampleId :
BGDX4

Manual Integrations APPROVED
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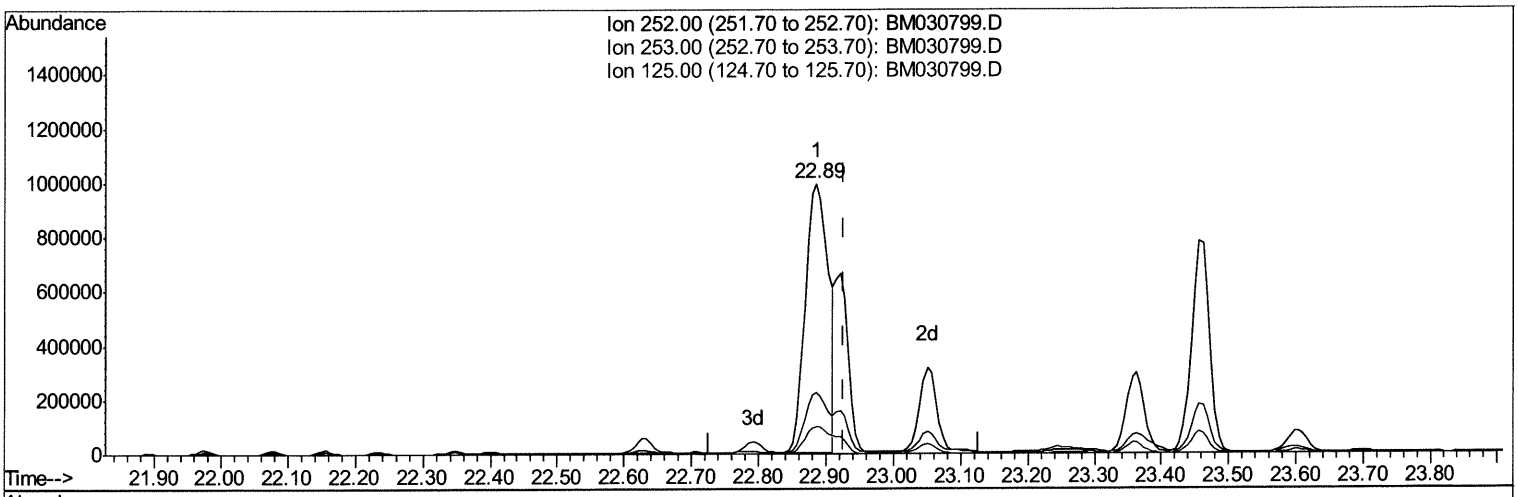

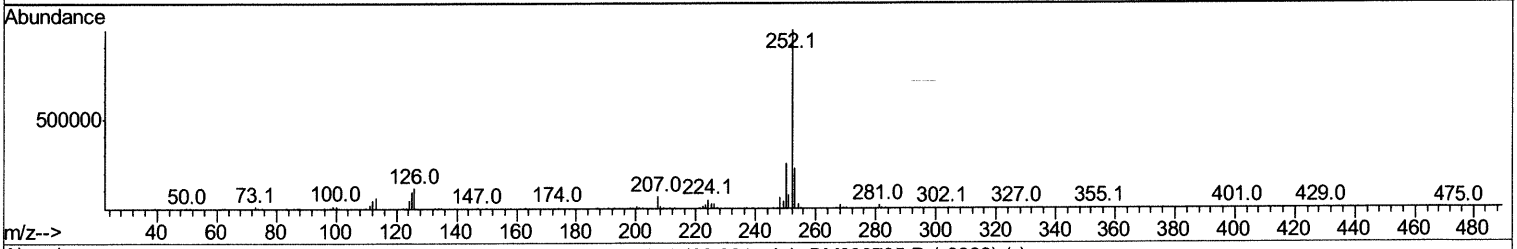

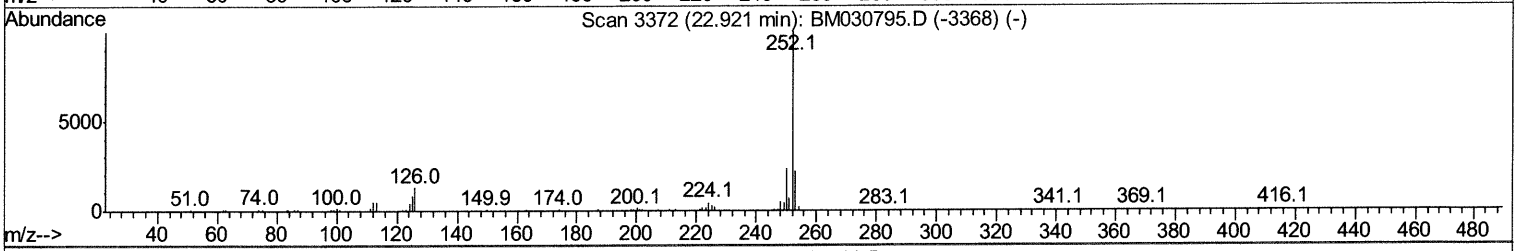

TIC: BM030799.D

(91) Benzo(k)fluoranthene

22.886min (-0.041) 71.69ng/ul

response 2383065

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.57
125.00	9.90	9.87
0.00	0.00	0.00

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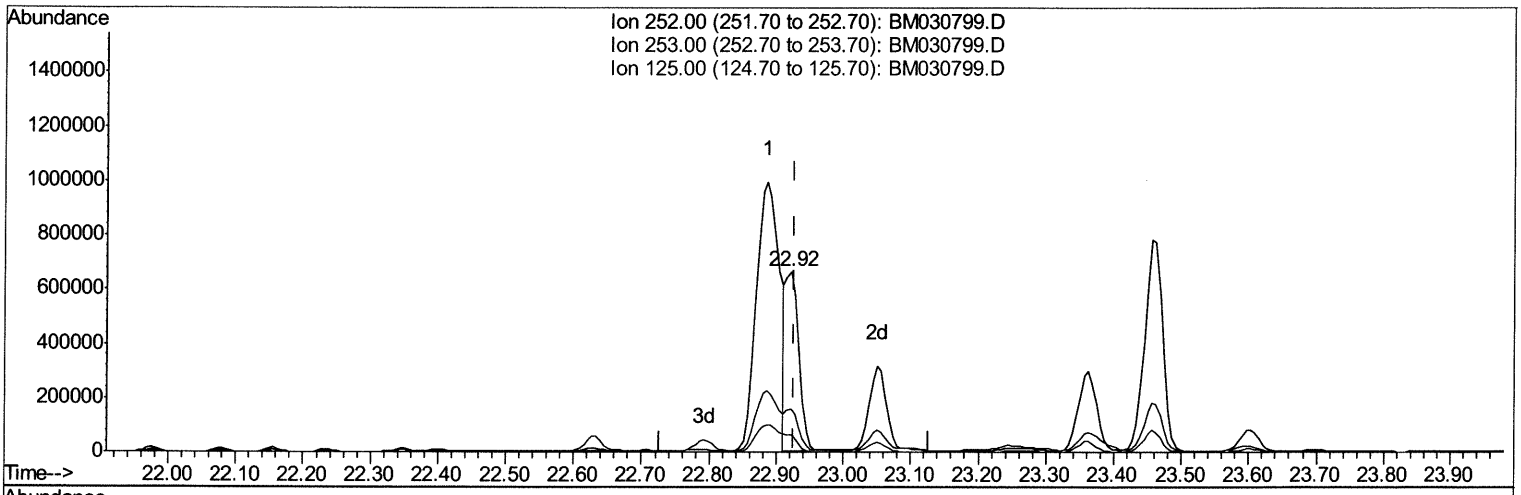
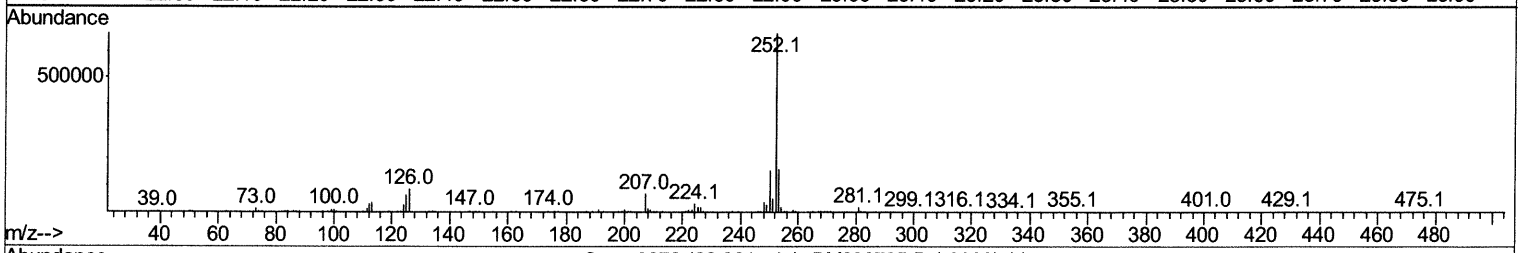
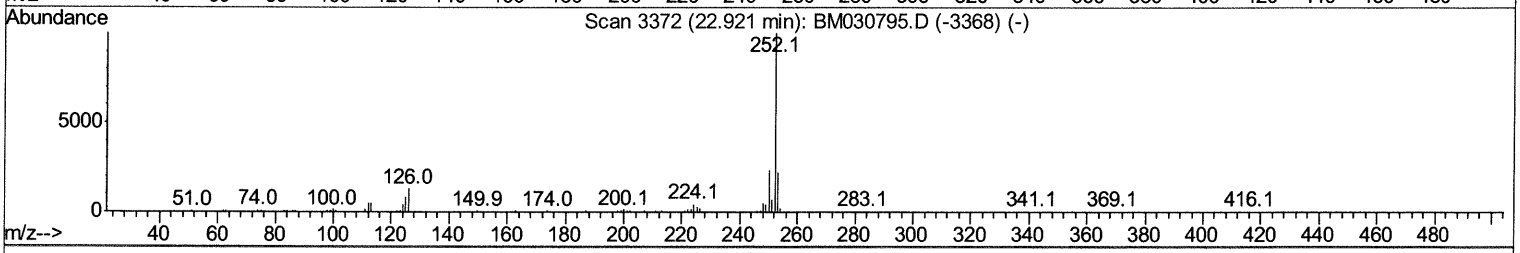
mohammad
7/6/2021 9:25:40 AM







TIC: BM030799.D

(91) Benzo(k)fluoranthene

22.921min (-0.006) 26.64ng/ul m

response 885614

JU 7/2/21

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.84
125.00	9.90	9.35
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_M
ClientSampleId : BGDX4

Manual Integrations APPROVED
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7/6/2021 9:25:40 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	108135	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	426113	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	250241	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.14	188	473433	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	503042	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	544821	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	6282	2.36	ng/uL	0.00
4) Pyridine-d5	3.70	84	31653	4.42	ng/ul	0.02
7) Phenol-d5	6.93	99	106387	11.41	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	71065	12.12	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	88809	12.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	85035	11.72	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	39753	12.50	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	42117	11.92	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	82162	12.14	ng/ul	0.00
31) 4-Chloroaniline-d4	10.70	131	84278	8.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	247621	14.33	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	301225	13.43	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	23137m	7.07	ng/ul	0.00
60) Fluorene-d10	15.39	176	215210	14.04	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	9358	3.02	ng/ul	0.00
73) Anthracene-d10	17.23	188	312999	14.17	ng/ul	0.00
81) Pyrene-d10	19.52	212	322333	12.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	321935	11.37	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.60	128	94430	4.377	ng/ul	98
47) Dimethylphthalate	13.86	163	89285	5.274	ng/ul	100
50) Acenaphthylene	14.12	152	130219	6.259	ng/ul	98
52) Acenaphthene	14.46	153	208451	13.806	ng/ul	99
56) Dibenzofuran	14.80	168	108083	5.135	ng/ul	99
61) Fluorene	15.45	166	246795	14.227	ng/ul	99
72) Phenanthrene	17.18	178	2933904	115.398	ng/ul	99
74) Anthracene	17.27	178	1160230	44.633	ng/ul	99
80) Fluoranthene	19.20	202	4324251	134.327	ng/ul	98
82) Pyrene	19.56	202	3084440	91.186	ng/ul	99
85) Benzo(a)anthracene	21.29	228	2416871	77.419	ng/ul	94
87) Chrysene	21.34	228	1910214	62.767	ng/ul	97
90) Benzo(b)fluoranthene	22.89	252	2383065	68.895	ng/ul	99
91) Benzo(k)fluoranthene	22.92	252	885614m	26.642	ng/ul	99
93) Benzo(a)pyrene	23.46	252	1440077	46.302	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.83	276	962857	24.591	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.83	278	311898	9.609	ng/ul#	92
96) Benzo(g,h,i)perylene	26.52	276	59400	1.818	ng/ul#	88

JU 7/7/21

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