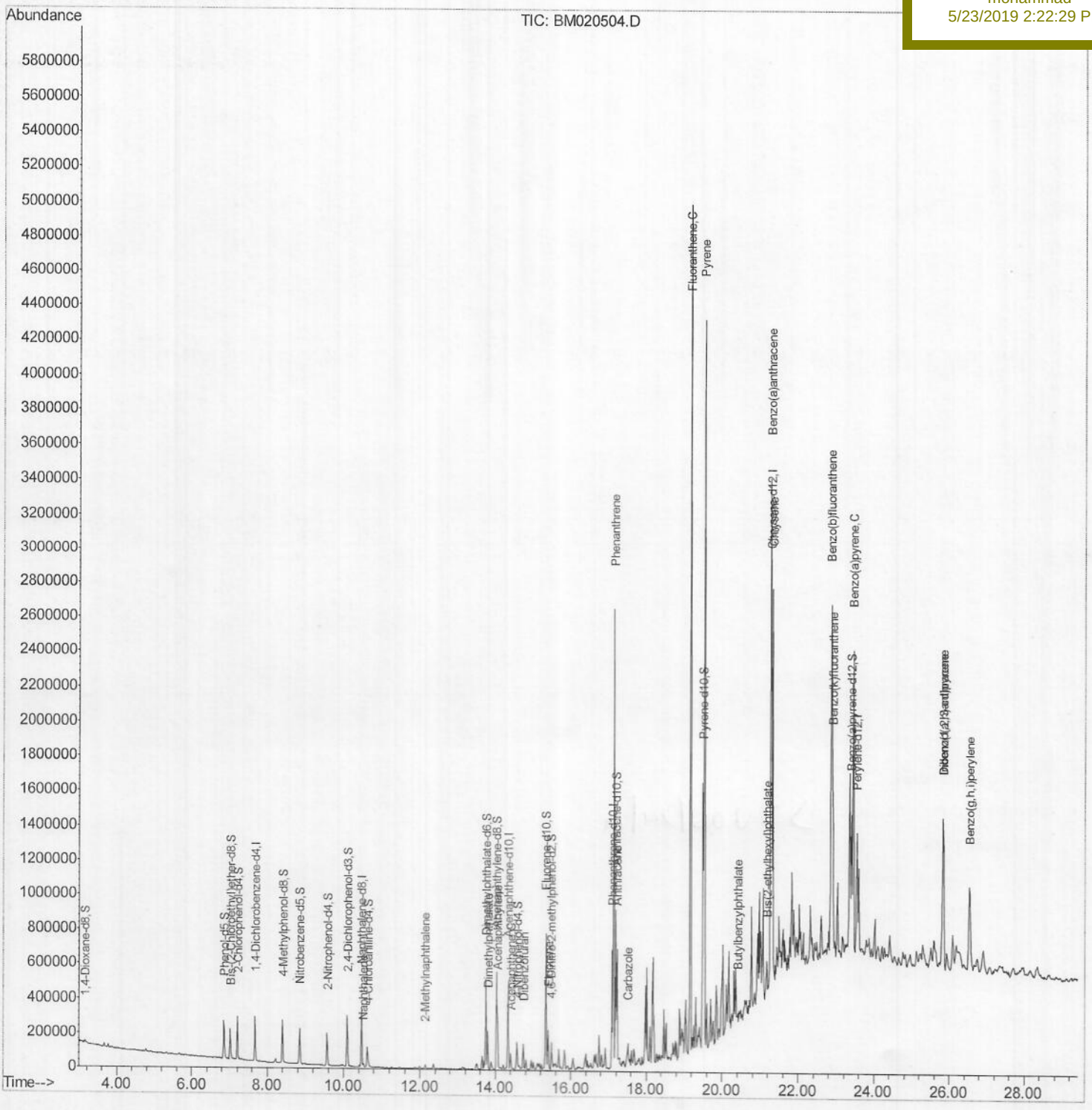
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020504.D
Acq On : 22 May 2019 22:48
Operator : JU/SJ
Sample : K2927-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 23 08:37:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4294

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:29 PM



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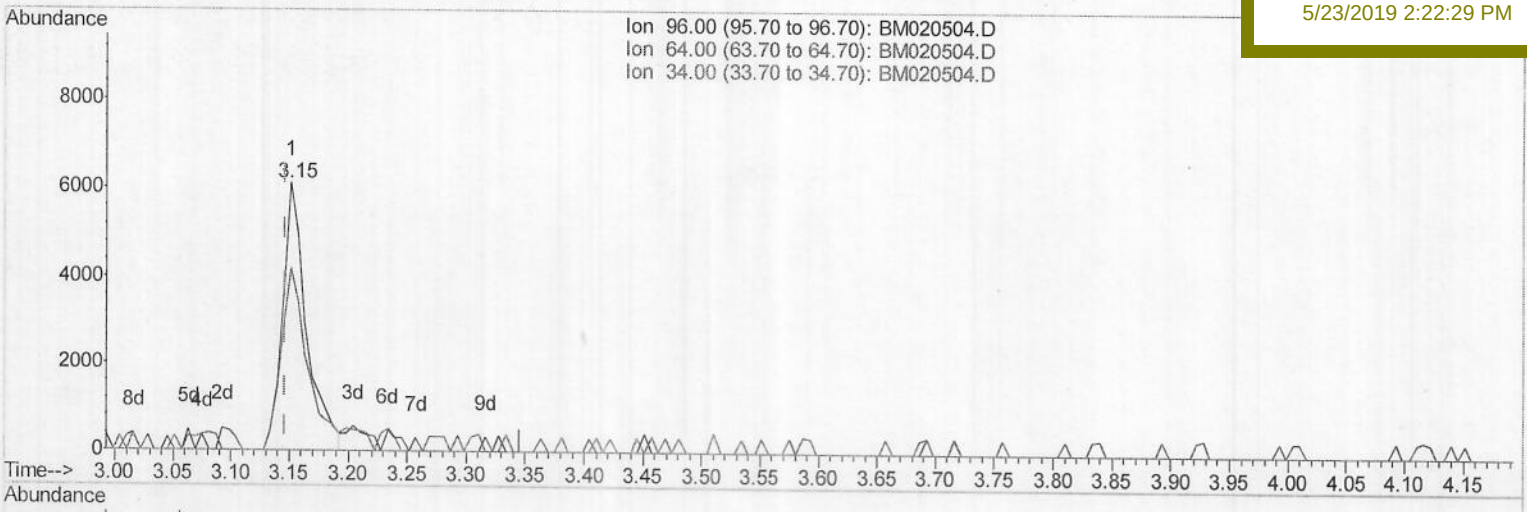

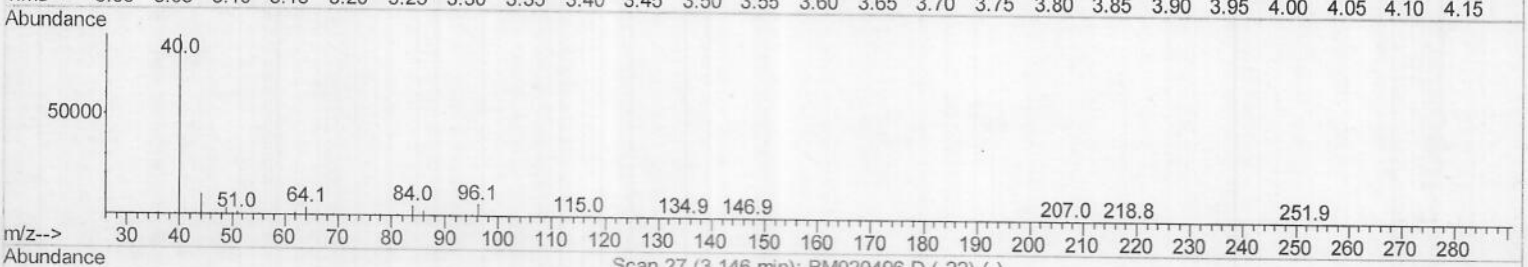

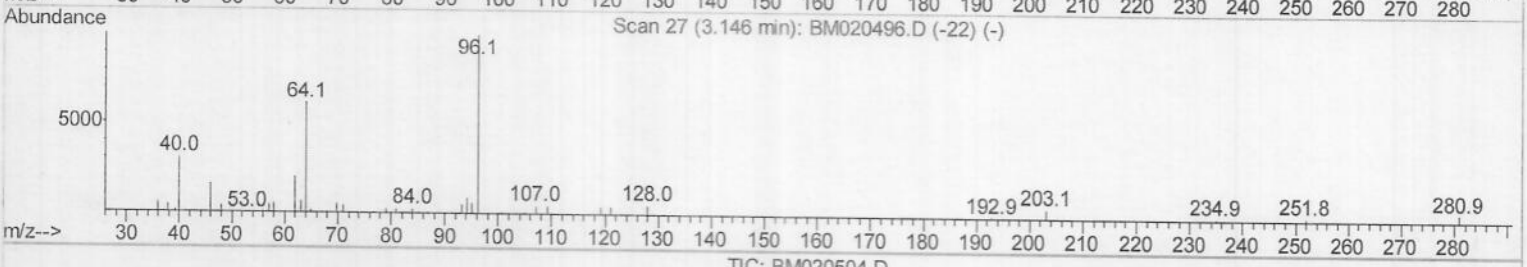

TIC: BM020504.D

(3) 1,4-Dioxane-d8 (S)

3.151min (+0.005) 4.68ng/uL

response 8710

Ion	Exp%	Act%
96.00	100	100
64.00	70.20	68.69
34.00	0.00	0.00
0.00	0.00	0.00

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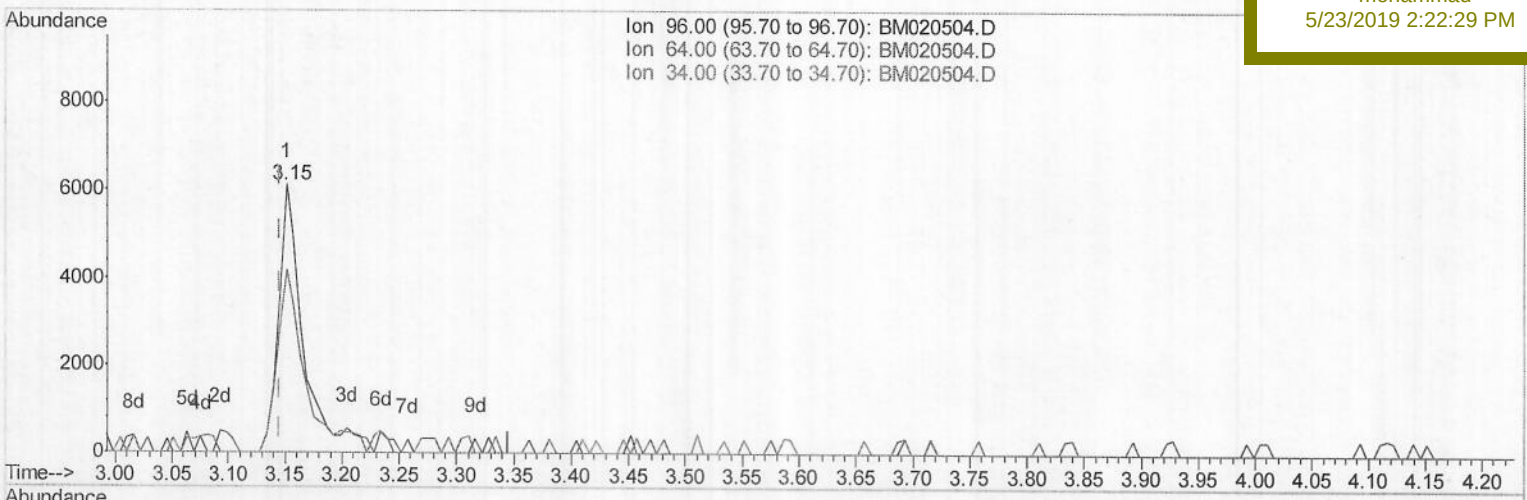

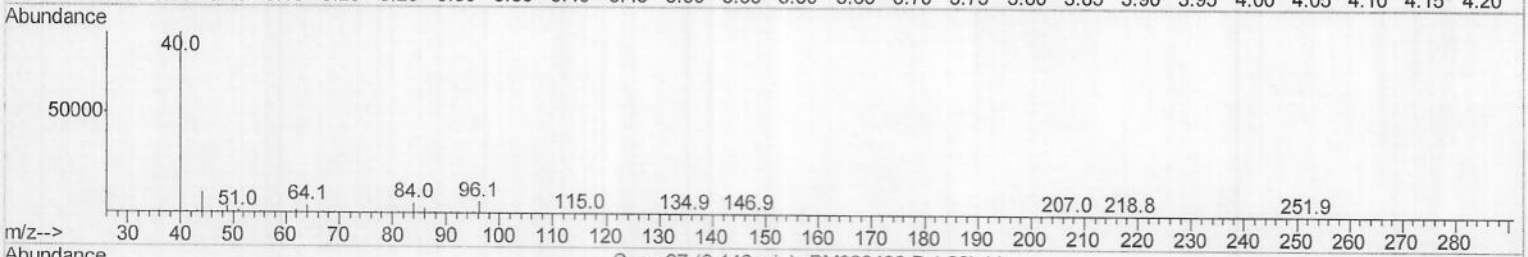

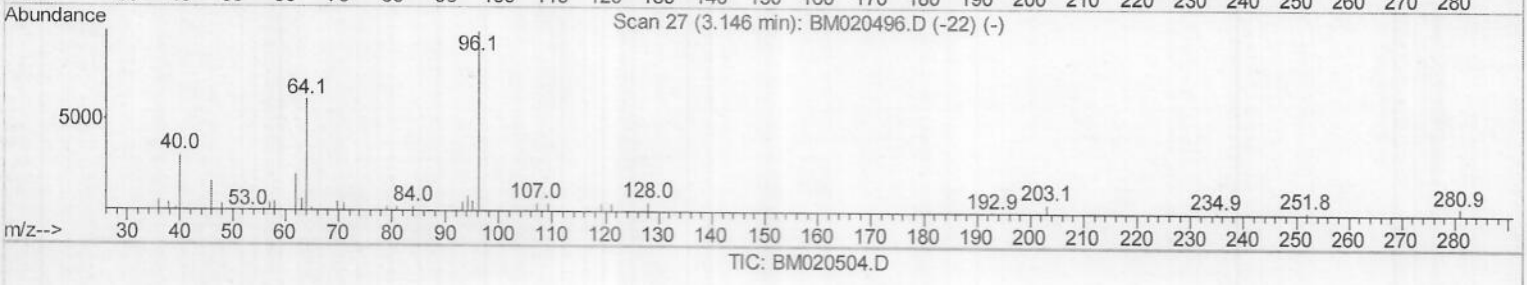

TIC: BM020504.D

(3) 1,4-Dioxane-d8 (S)

3.151min (+0.005) 5.06ng/uL m) JU 06/05/19

response 9428

Ion	Exp%	Act%
96.00	100	100
64.00	70.20	68.69
34.00	0.00	0.00
0.00	0.00	0.00

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mohammad
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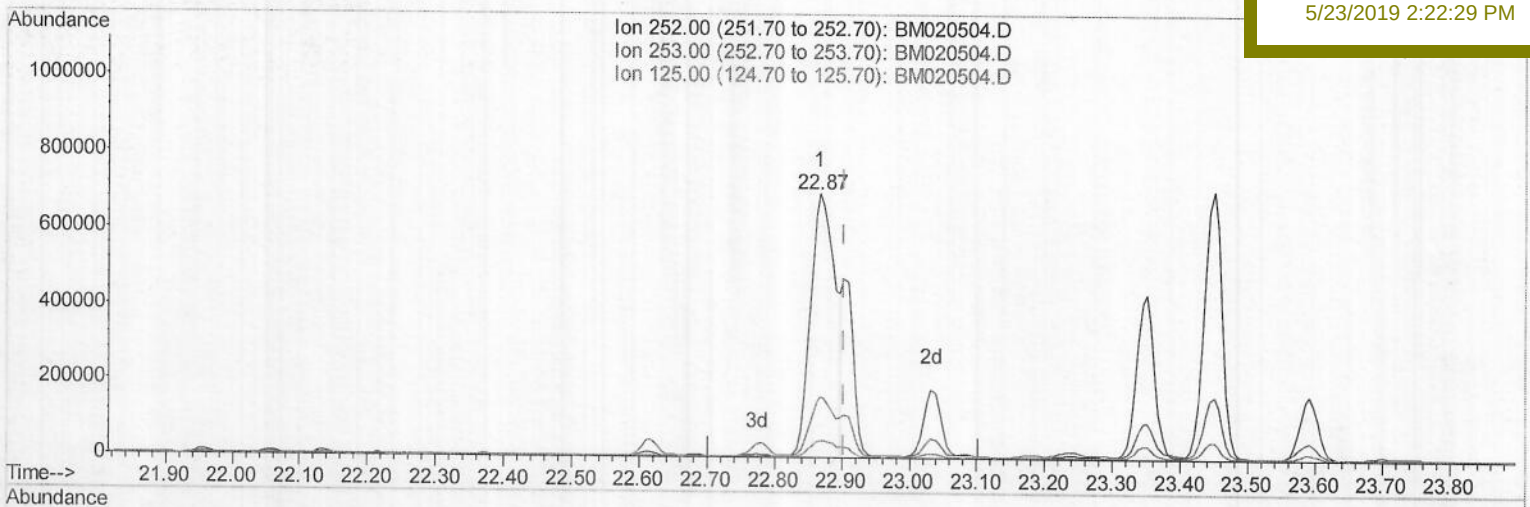

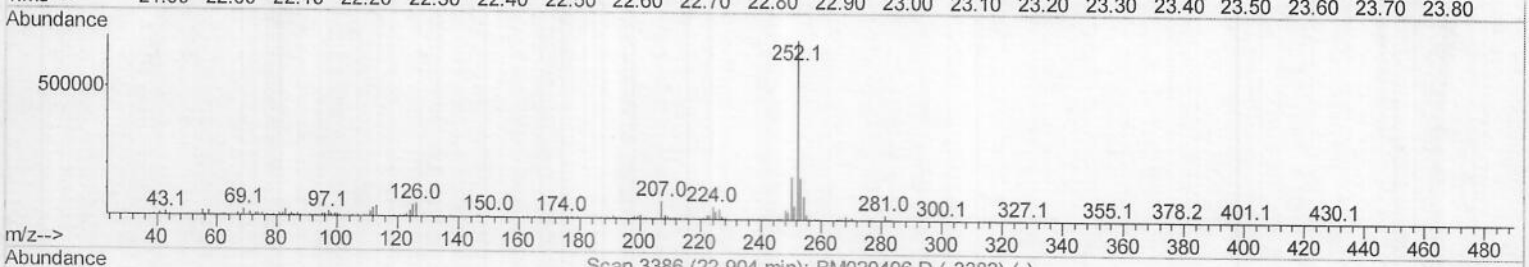

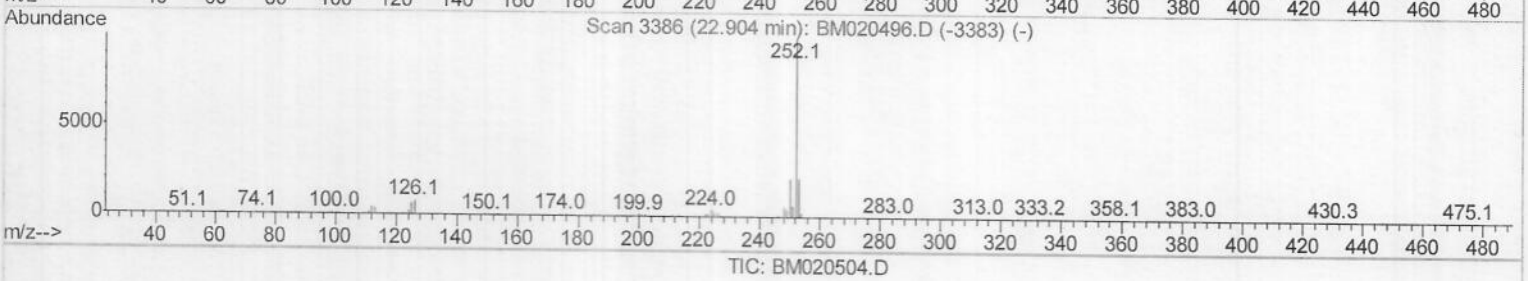

TIC: BM020504.D

(88) Benzo(k)fluoranthene

22.868min (-0.036) 60.17ng/ul

response 1777488

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.11
125.00	6.30	6.60
0.00	0.00	0.00

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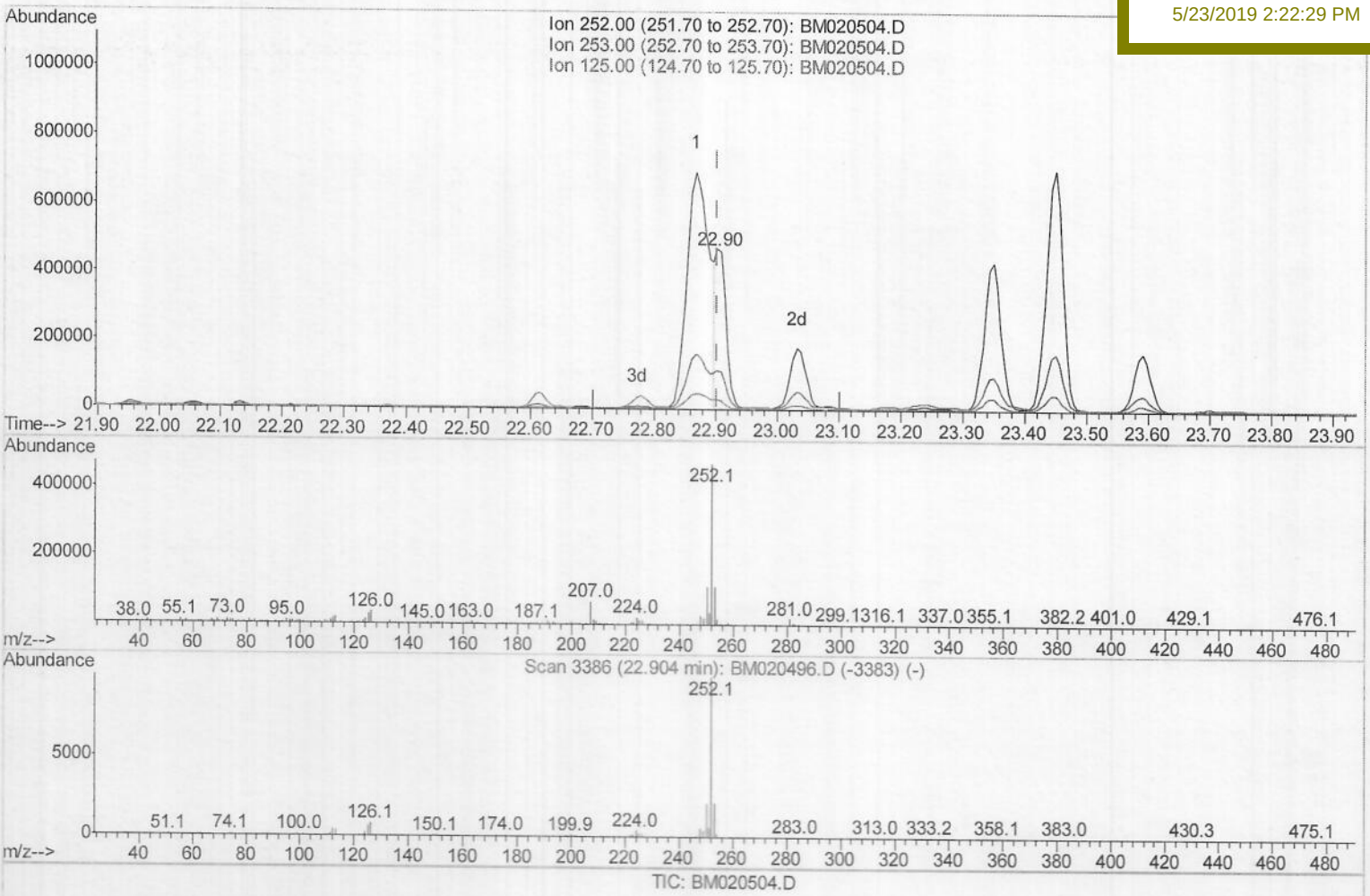
Manual Integrations APPROVED
mohammad
5/23/2019 2:22:29 PM



TIC: BM020504.D

(88) Benzo(k)fluoranthene

22.903min (-0.000) 18.08ng/ul m) JU 06/05/19

response 534105

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	23.56
125.00	6.30	6.38
0.00	0.00	0.00

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Manual Integrations APPROVED
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5/23/2019 2:22:29 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	68694	20.00 ng/ul	0.00
18) Naphthalene-d8	10.47	136	261720	20.00 ng/ul	0.00
35) Acenaphthene-d10	14.34	164	162717	20.00 ng/ul	0.00
61) Phenanthrene-d10	17.09	188	402838	20.00 ng/ul	0.00
77) Chrysene-d12	21.29	240	443099	20.00 ng/ul	0.00
85) Perylene-d12	23.54	264	526998	20.00 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.15	96	9428m	5.06 ng/uL	0.00
5) Phenol-d5	6.85	99	138664	25.30 ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	87901	25.23 ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	106524	26.50 ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	91903	23.03 ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	46423	27.26 ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	55223	29.40 ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	108114	27.23 ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	70335	17.15 ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	325200	27.78 ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	400008	27.32 ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	32674	19.22 ng/ul	0.00
57) Fluorene-d10	15.33	176	287835	27.65 ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	30291	13.20 ng/ul	0.00
70) Anthracene-d10	17.19	188	474098	27.44 ng/ul	0.00
78) Pyrene-d10	19.50	212	575149	26.95 ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	630520	26.33 ng/ul	0.00
Target Compounds					Qvalue
28) Naphthalene	10.52	128	14202	1.181 ng/ul	98
34) 2-Methylnaphthalene	12.14	142	11513	1.322 ng/ul	100
44) Dimethylphthalate	13.80	163	113888	9.834 ng/ul	97
47) Acenaphthylene	14.06	152	219250	15.877 ng/ul	99
49) Acenaphthene	14.40	153	36222	3.815 ng/ul	97
53) Dibenzofuran	14.74	168	64798	4.507 ng/ul	99
58) Fluorene	15.39	166	94252	8.184 ng/ul	97
69) Phenanthrene	17.14	178	1572434	81.922 ng/ul	99
71) Anthracene	17.23	178	424920	21.763 ng/ul	100
74) Carbazole	17.50	167	78175	4.717 ng/ul	97
76) Fluoranthene	19.16	202	2891056	119.238 ng/ul	99
79) Pyrene	19.53	202	2437714	91.658 ng/ul	99
80) Butylbenzylphthalate	20.42	149	11220	1.346 ng/ul#	86
82) Benzo(a)anthracene	21.27	228	1462792	54.850 ng/ul	96
83) Bis(2-ethylhexyl)phthalate	21.19	149	38573	3.187 ng/ul#	98
84) Chrysene	21.33	228	1239982	48.652 ng/ul	96
87) Benzo(b)fluoranthene	22.87	252	1777488	59.098 ng/ul	97
88) Benzo(k)fluoranthene	22.90	252	534105m	18.079 ng/ul	
90) Benzo(a)pyrene	23.45	252	1281513	45.275 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	870289	26.983 ng/ul#	97
92) Dibenzo(a,h)anthracene	25.83	278	278069	10.082 ng/ul#	90
93) Benzo(g,h,i)perylene	26.54	276	641231	24.018 ng/ul	98

JV 06/05/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_M
ClientSampleId :
A4294

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5/23/2019 2:22:29 PM