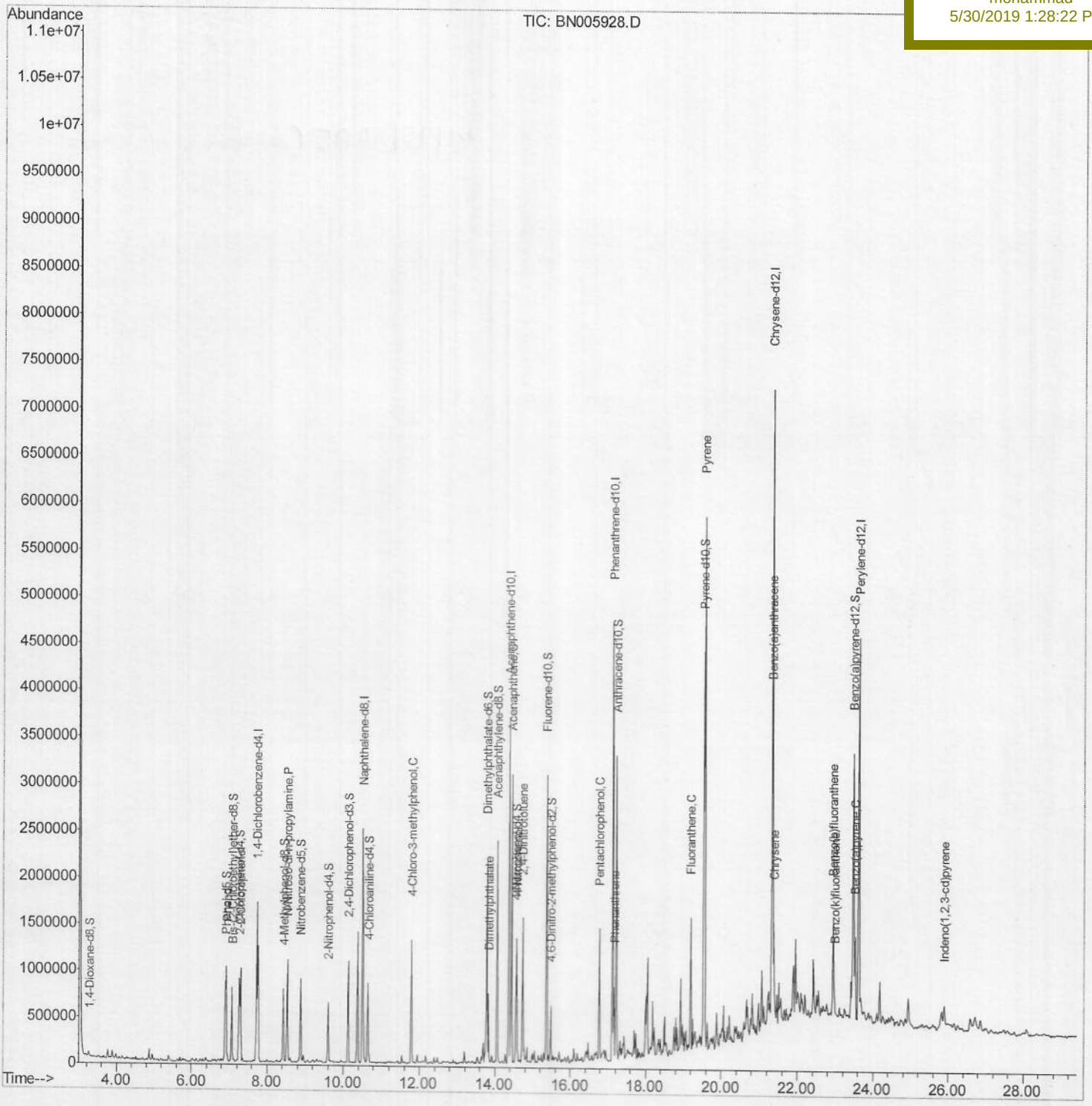
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052919\
Data File : BN005928.D
Acq On : 29 May 2019 13:53
Operator : JU/SJ
Sample : K2928-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 29 14:38:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C3MS

Manual Integrations APPROVED
mohammad
5/30/2019 1:28:22 PM



Quantitation Report (Qedit)

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Acq On : 29 May 2019 13:53
Operator : JU/SJ
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Misc :
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Quant Time: May 29 14:35:01 2019
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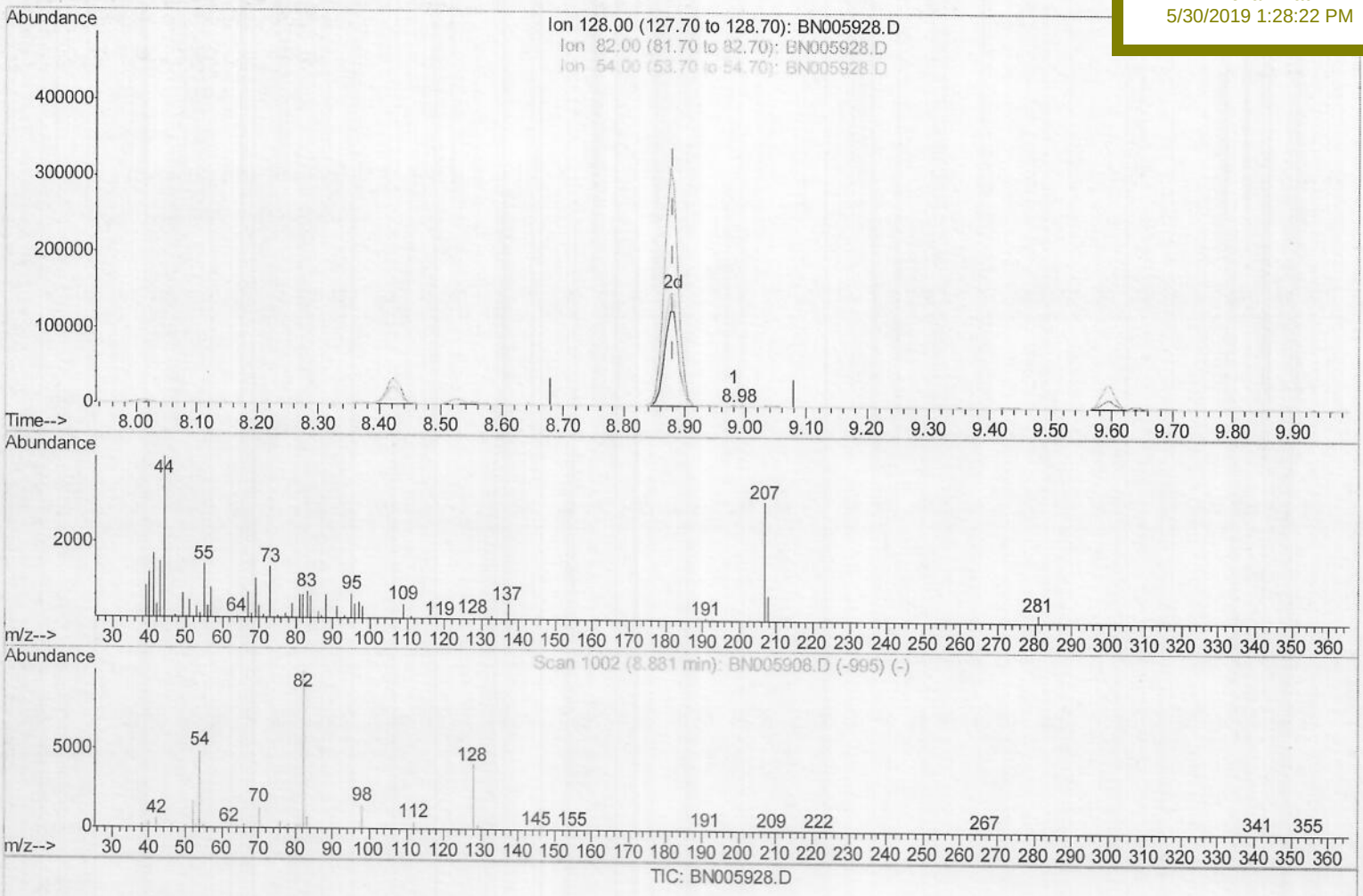

TIC: BN005928.D

(19) Nitrobenzene-d5 (S)

8.981min (+0.100) 0.03ng/ul

response 355

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	239.37
54.00	147.90	121.55
0.00	0.00	0.00

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Manual Integrations APPROVED
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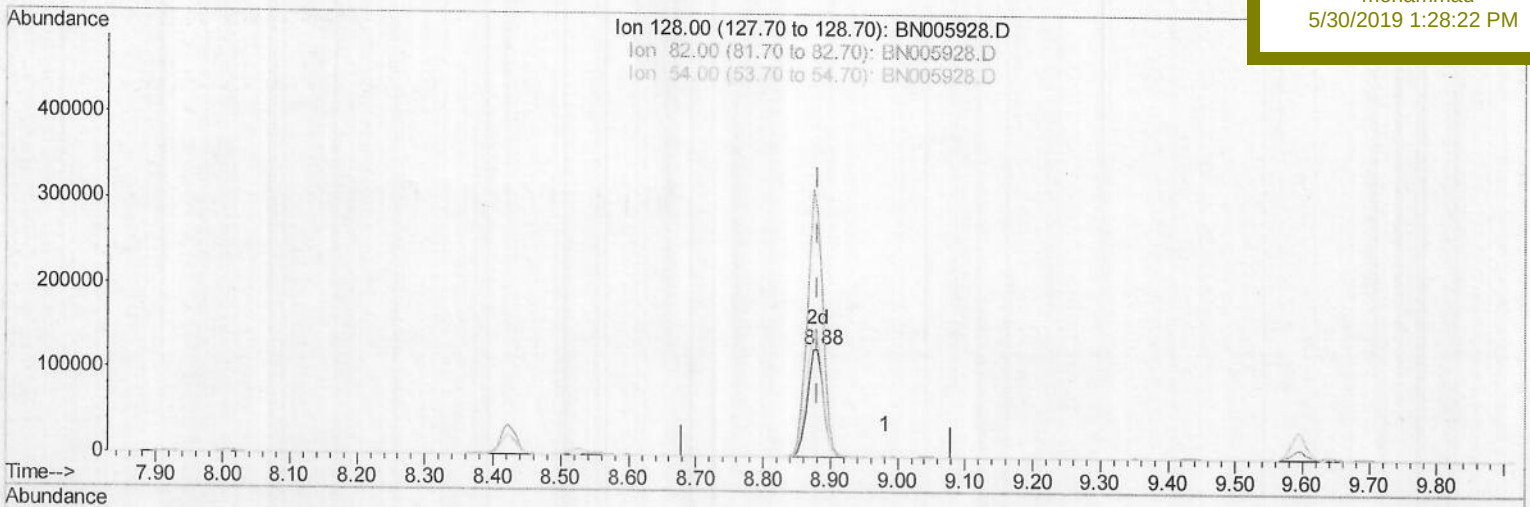
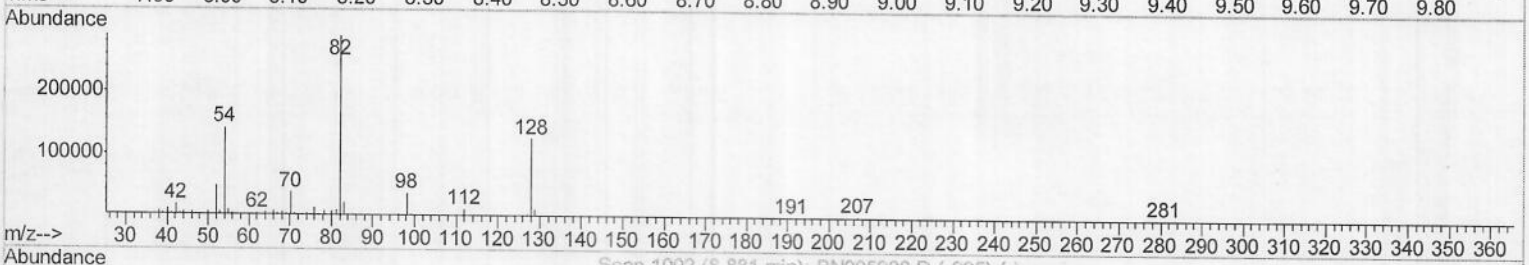
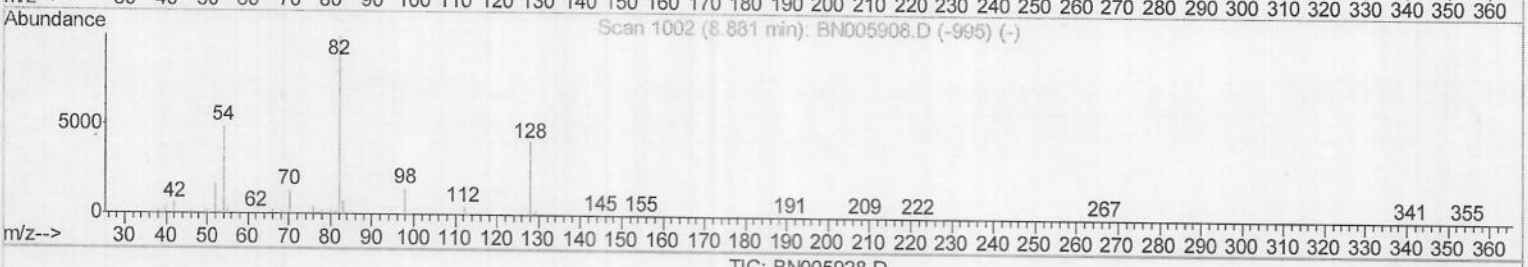
5/30/2019 1:28:22 PM







TIC: BN005928.D

(19) Nitrobenzene-d5 (S)

8.881min (-0.000) 16.04ng/ul m JJU 06 05 19

response 206878

Ion	Exp%	Act%
128.00	100	100
82.00	260.20	229.08
54.00	147.90	112.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 9 Sample Multiplier: 1

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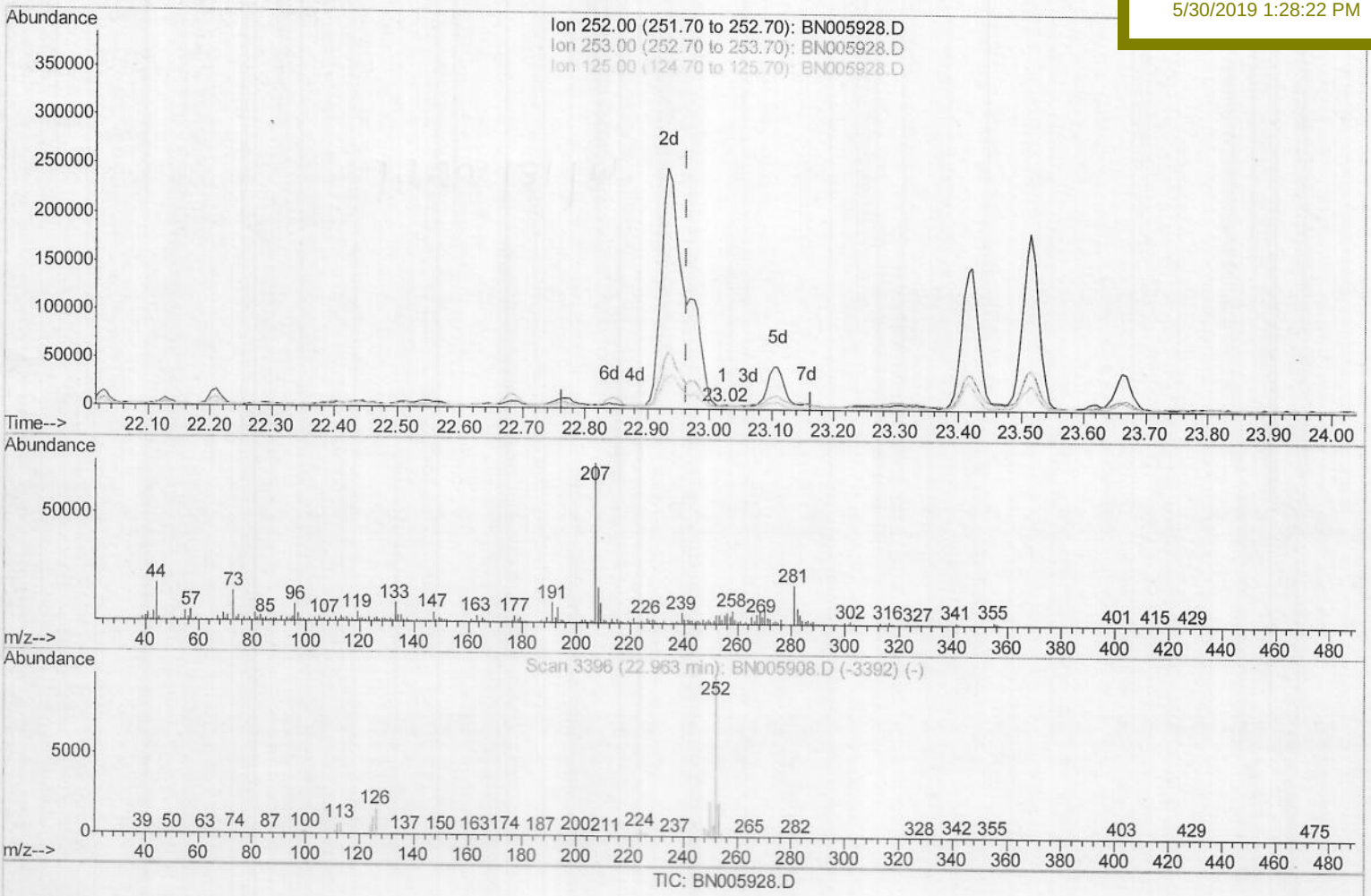
BNA_N
ClientSampleId :
A42C3MS

Manual Integrations APPROVED
mohammad
5/30/2019 1:28:22 PM



TIC: BN005928.D

(88) Benzo(k)fluoranthene

23.021min (+0.059) 0.00ng/ul

response 568

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	94.04#
125.00	9.40	45.37#
0.00	0.00	0.00

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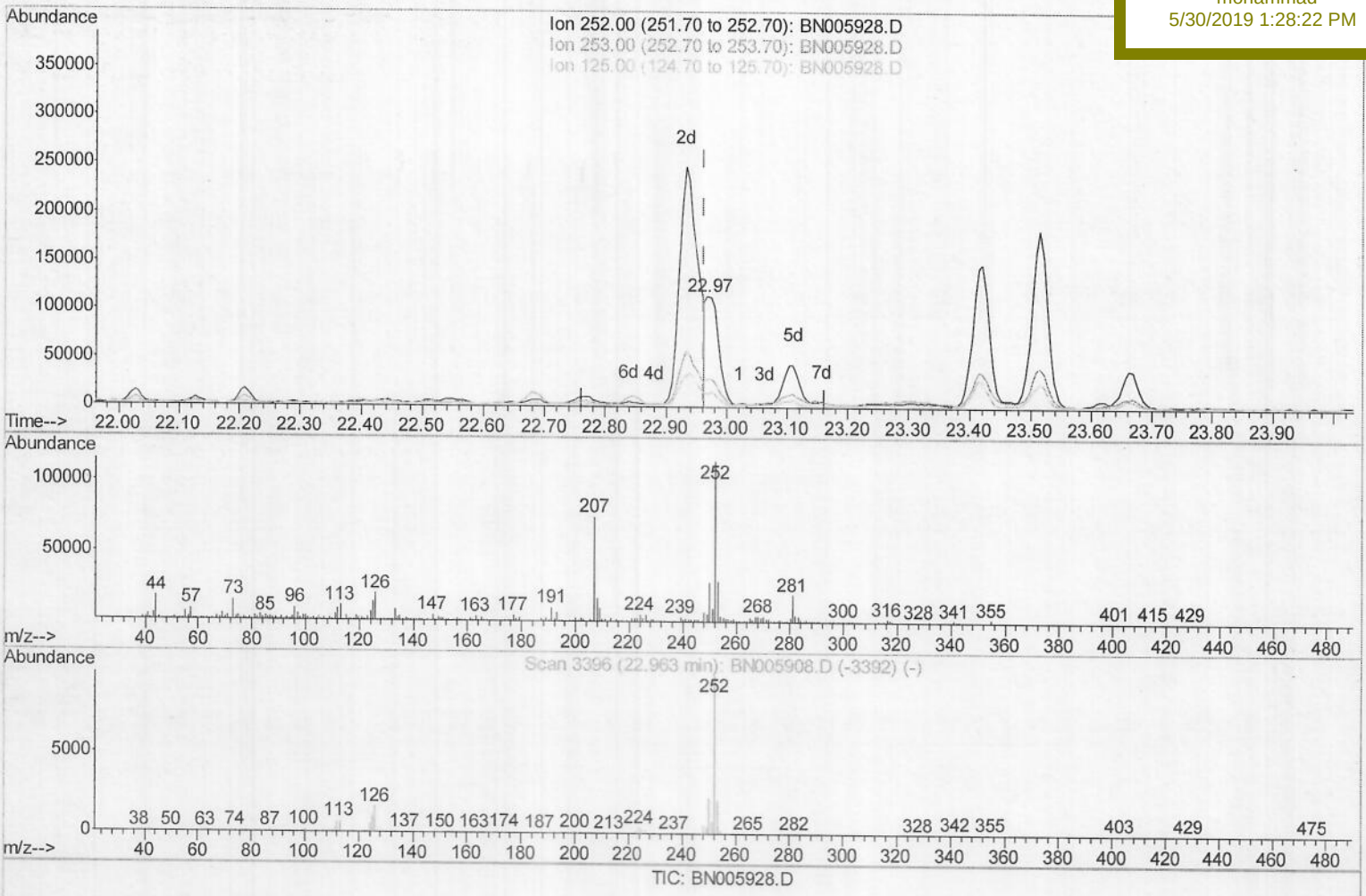
Manual Integrations APPROVED
mohammad
5/30/2019 1:28:22 PM



TIC: BN005928.D

(88) Benzo(k)fluoranthene

22.968min (+0.006) 1.22ng/ul m JJ 06/05/19

response 173487

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.22
125.00	9.40	12.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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5/30/2019 1:28:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	438885	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2009988	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1169559	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2648433	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	2623335	20.00	ng/ul	0.01
85) Perylene-d12	23.62	264	2759452	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27992	2.81	ng/uL	0.00
5) Phenol-d5	6.89	99	483259	12.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	340289	15.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	406375	13.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	288350	9.18	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	206878m	16.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	202977	16.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	380835	13.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	443952	11.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1393606	16.16	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1612660	14.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	169635	10.81	ng/ul	0.00
57) Fluorene-d10	15.36	176	1171603	16.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	109923	10.18	ng/ul	0.00
70) Anthracene-d10	17.22	188	1687961	14.98	ng/ul	0.00
78) Pyrene-d10	19.52	212	1986714	15.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1873338	15.21	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.92	94	547561	13.661	ng/ul	91
10) 2-Chlorophenol	7.29	128	431410	14.321	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.53	70	384606	15.180	ng/ul#	86
33) 4-Chloro-3-methylphenol	11.79	107	442362	13.063	ng/ul	94
44) Dimethylphthalate	13.83	163	446750	5.184	ng/ul	100
49) Acenaphthene	14.43	153	1173350	16.331	ng/ul	99
52) 4-Nitrophenol	14.57	109	159532	12.971	ng/ul	85
54) 2,4-Dinitrotoluene	14.73	165	387343	17.493	ng/ul#	94
68) Pentachlorophenol	16.77	266	207632	13.355	ng/ul	97
69) Phenanthrene	17.16	178	467994	3.566	ng/ul	100
76) Fluoranthene	19.19	202	649079	4.634	ng/ul#	94
79) Pyrene	19.56	202	3236433	19.476	ng/ul#	94
82) Benzo(a)anthracene	21.32	228	412999	2.504	ng/ul#	87
84) Chrysene	21.37	228	588680	3.827	ng/ul#	94
87) Benzo(b)fluoranthene	22.93	252	519513	3.352	ng/ul#	96
88) Benzo(k)fluoranthene	22.97	252	173487m	1.217	ng/ul	
90) Benzo(a)pyrene	23.52	252	326348	2.233	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	178466	1.041	ng/ul#	90

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

JU 06/05/19