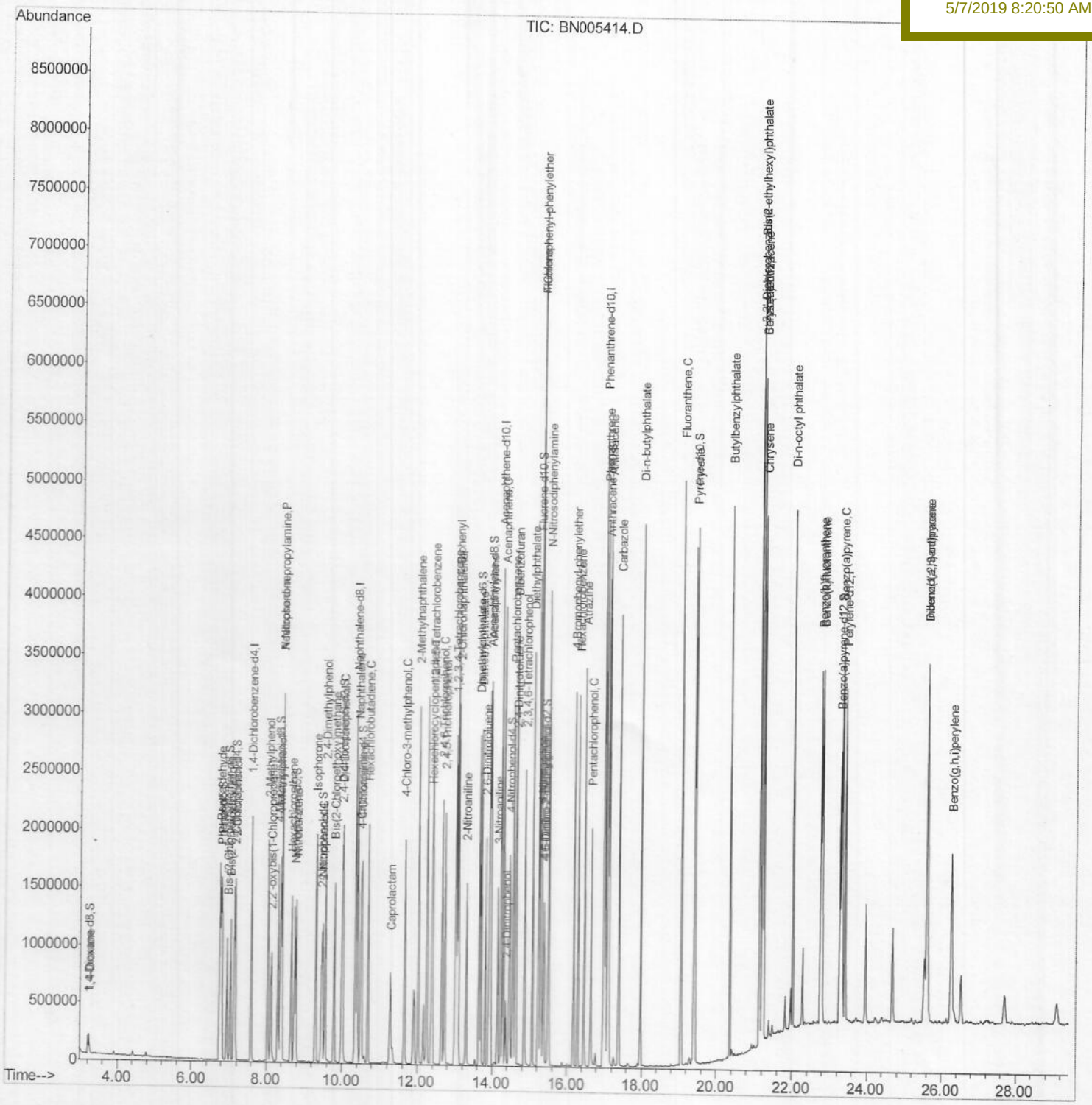
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005414.D
Acq On : 01 May 2019 17:05
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 02 00:40:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02090

Manual Integrations APPROVED
mohammad
5/7/2019 8:20:50 AM



Quantitation Report (Qedit)

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Quant Time: May 01 23:20:32 2019
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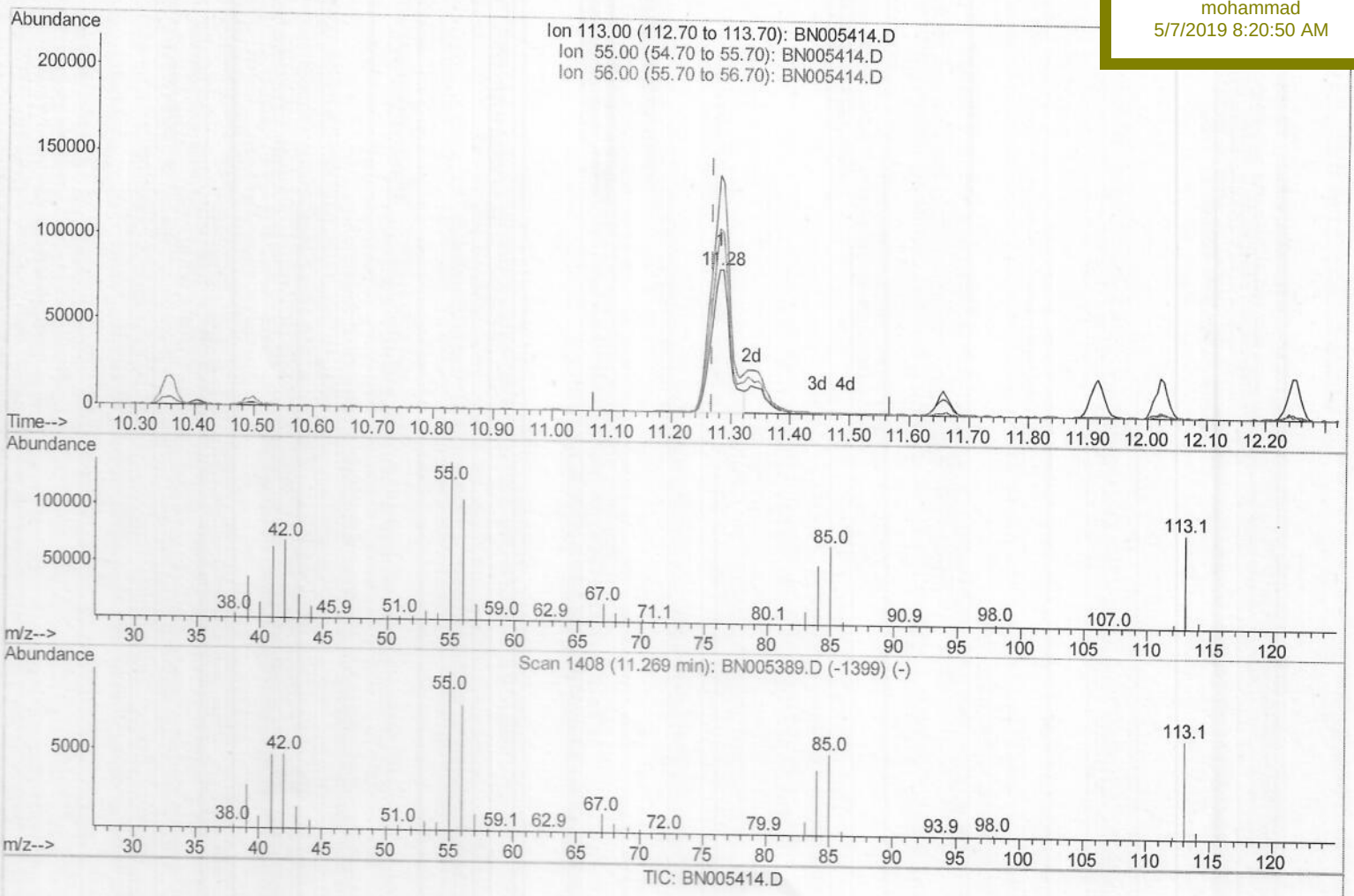

(32) Caprolactam

11.281min (+0.012) 17.13ng/ul

response 179446

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	167.39
56.00	148.90	128.92
0.00	0.00	0.00

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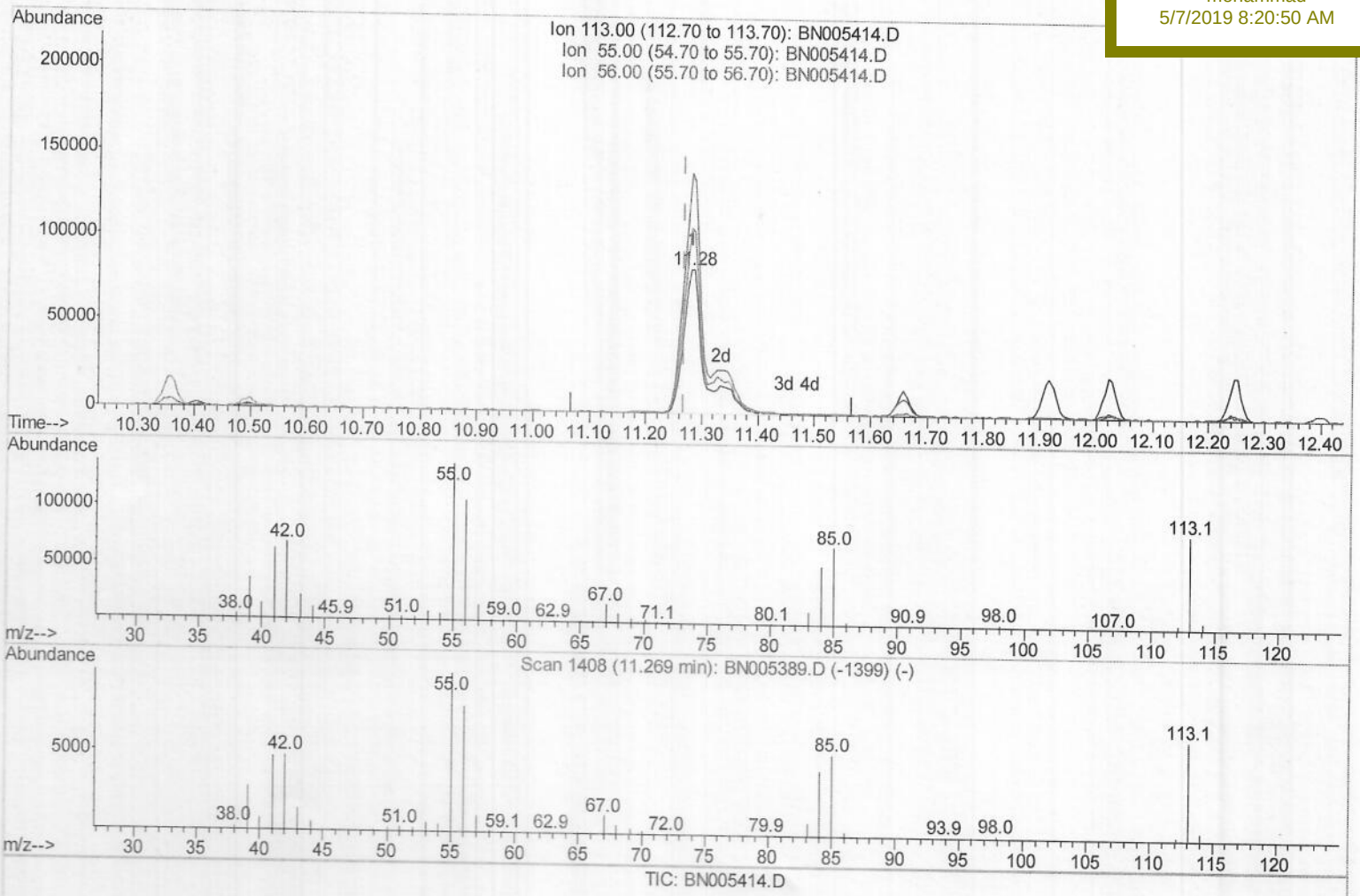

TIC: BN005414.D

(32) Caprolactam

11.281min (+0.012) 20.71ng/ul m> SJ 05/02/19

response 216990

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	167.39
56.00	148.90	128.92
0.00	0.00	0.00

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BNA_N
LabSampleId :
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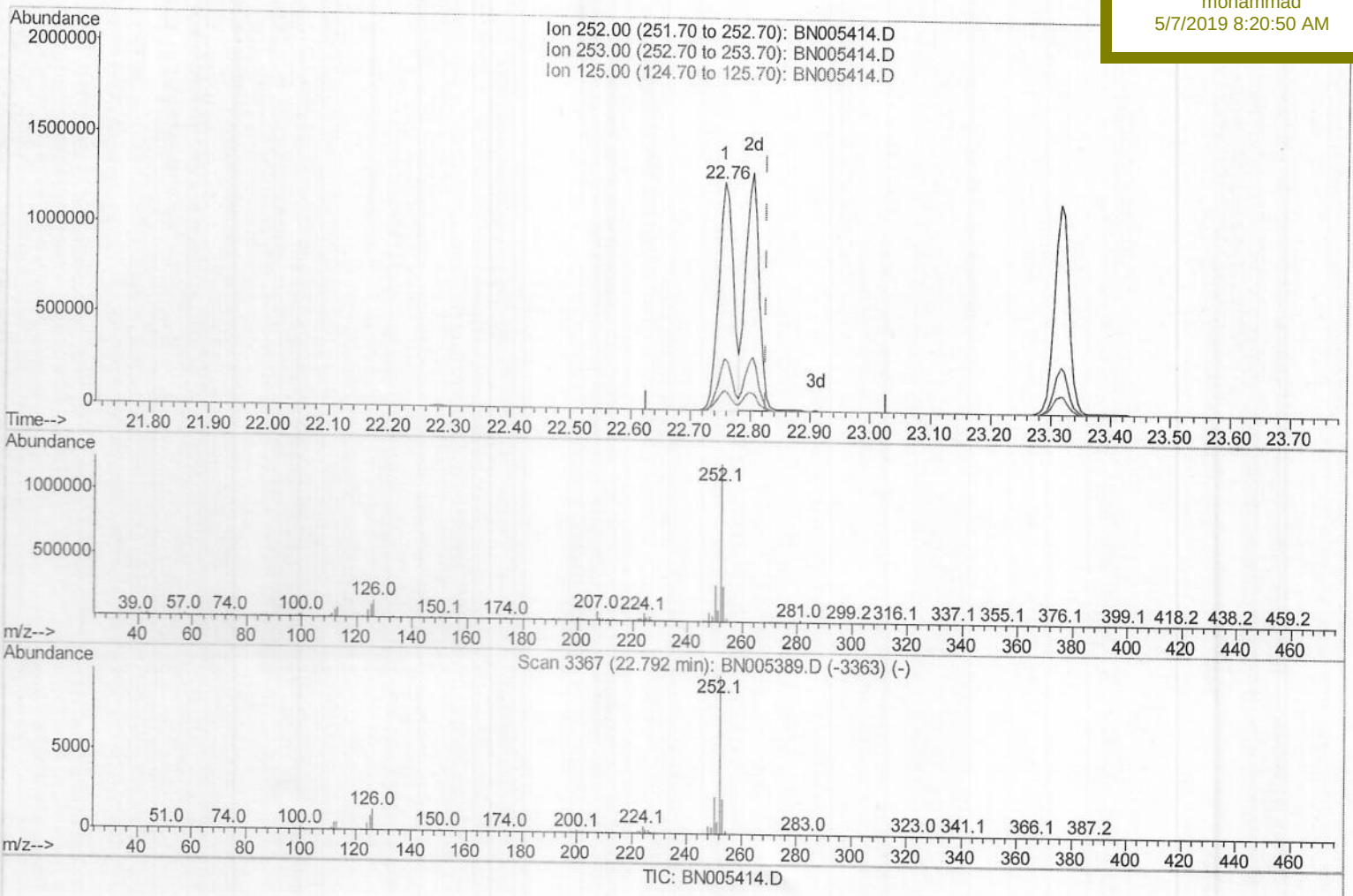
Manual Integrations APPROVED
mohammad
5/7/2019 8:20:50 AM



TIC: BN005414.D

(88) Benzo(k)fluoranthene

22.757min (-0.070) 19.13ng/ul

response 2127908

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.54
125.00	9.40	8.45
0.00	0.00	0.00

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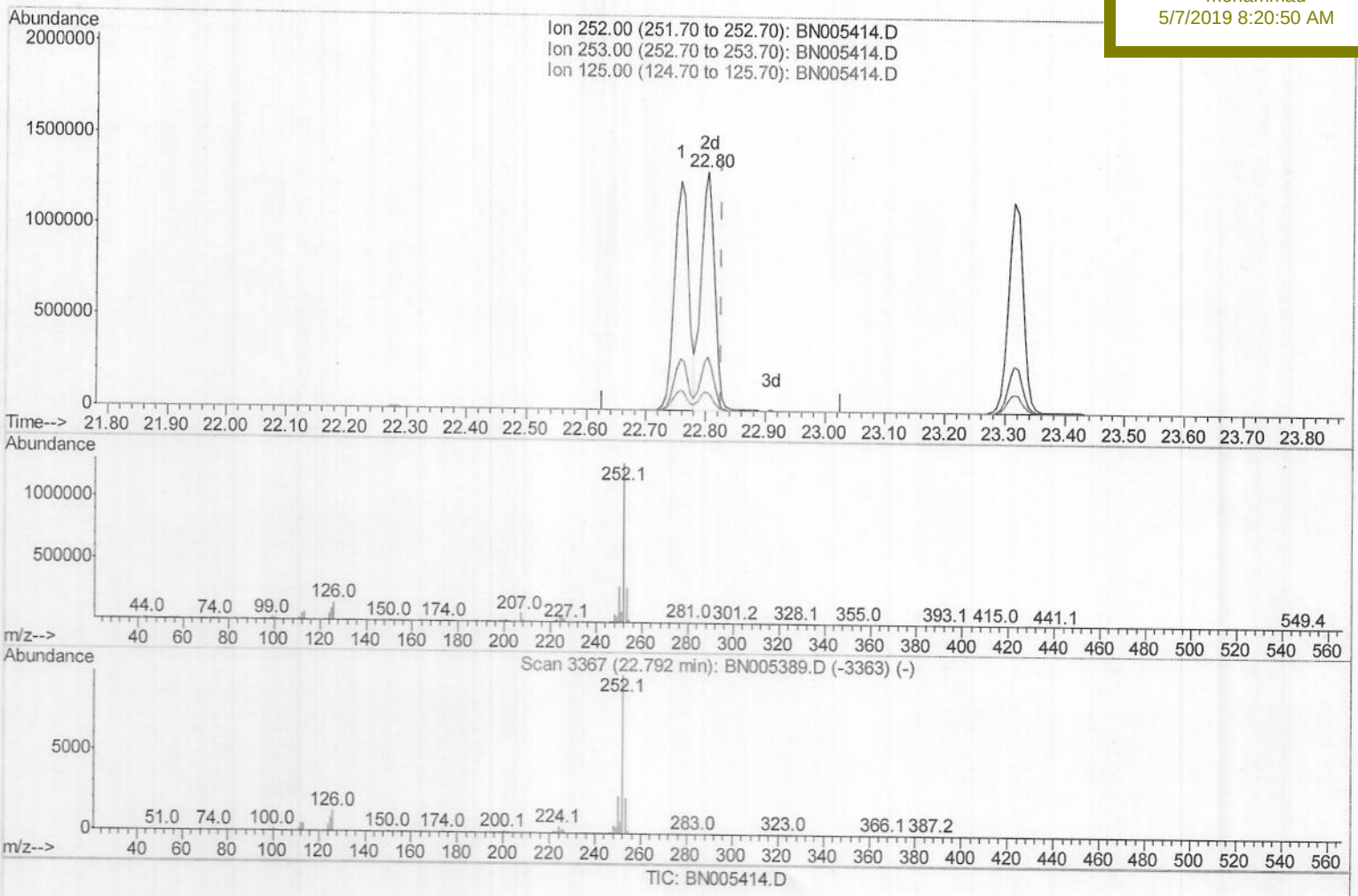
Manual Integrations APPROVED
mohammad
5/7/2019 8:20:50 AM



TIC: BN005414.D

(88) Benzo(k)fluoranthene

22.804min (-0.023) 18.34ng/ul m) SJ 05/02/19

response 2040500

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.07
125.00	9.40	7.49#
0.00	0.00	0.00

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Manual Integrations APPROVED
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5/7/2019 8:20:50 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	563472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2453439	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1484351	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	3218773	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2154945	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2072339	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	73112	6.26	ng/uL	0.00
5) Phenol-d5	6.78	99	807520	18.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	449975	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	658497	19.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	652656	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	328266	21.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	363528	23.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	704355	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	748718	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1944088	18.04	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2456870	18.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	318440	18.72	ng/ul	0.02
57) Fluorene-d10	15.23	176	1664860	18.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	232379	16.05	ng/ul	0.00
70) Anthracene-d10	17.08	188	2488029	18.44	ng/ul	0.00
78) Pyrene-d10	19.39	212	2394565	21.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1671020	18.45	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	76842	6.122	ng/uL	99
4) Benzaldehyde	6.75	77	545192	17.384	ng/ul	97
6) Phenol	6.81	94	818070	17.971	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	637128	17.480	ng/ul	97
10) 2-Chlorophenol	7.16	128	664304	18.973	ng/ul	91
11) 2-Methylphenol	8.03	108	633935	18.585	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	890799	14.556	ng/ul	97
14) Acetophenone	8.40	105	1013485	18.305	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	499887	16.879	ng/ul#	96
16) 4-Methylphenol	8.36	108	686198	18.628	ng/ul	90
17) Hexachloroethane	8.65	117	267170	17.571	ng/ul	96
20) Nitrobenzene	8.78	77	736417	17.720	ng/ul	89
21) Isophorone	9.30	82	1426909	17.341	ng/ul	94
23) 2-Nitrophenol	9.49	139	381778	22.008	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	762202	17.548	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	870123	16.827	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	676389	19.531	ng/ul	99
28) Naphthalene	10.40	128	2076698	18.208	ng/ul	97
30) 4-Chloroaniline	10.52	127	755306	20.491	ng/ul	100
31) Hexachlorobutadiene	10.69	225	468153	19.142	ng/ul	100
32) Caprolactam	11.28	113	216990m	20.708	ng/ul	96
33) 4-Chloro-3-methylphenol	11.66	107	718278	18.419	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1537072	18.405	ng/ul	98

SJ 05/02/19

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Instrument : BNA_N
LabSampleId : SSTD02090

Manual Integrations APPROVED
mohammad
5/7/2019 8:20:50 AM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	893338	19.447 ng/ul	97
37) Hexachlorocyclopentadiene	12.38	237	388563	12.406 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	564474	20.378 ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	597125	20.061 ng/ul	98
40) 1,1'-Biphenyl	13.06	154	1985020	17.948 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1550010	18.222 ng/ul	97
42) 2-Nitroaniline	13.30	65	446262	19.780 ng/ul	87
44) Dimethylphthalate	13.69	163	1899470	17.692 ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	414212	22.343 ng/ul#	87
47) Acenaphthylene	13.95	152	2360040	18.146 ng/ul	99
48) 3-Nitroaniline	14.14	138	381572	22.140 ng/ul#	89
49) Acenaphthene	14.29	153	1592722	17.938 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	125457	13.893 ng/ul#	87
52) 4-Nitrophenol	14.46	109	250844	16.243 ng/ul	92
53) Dibenzofuran	14.63	168	2302579	18.012 ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	569462	21.308 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.86	232	517726	20.908 ng/ul	93
56) Diethylphthalate	15.07	149	1904660	17.692 ng/ul	98
58) Fluorene	15.29	166	1819585	18.241 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	972740	18.383 ng/ul	96
60) 4-Nitroaniline	15.31	138	435734	20.280 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	236720	15.364 ng/ul	92
64) N-Nitrosodiphenylamine	15.50	169	1635063	18.560 ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	627727	19.358 ng/ul	95
66) Hexachlorobenzene	16.29	284	680787	19.716 ng/ul	93
67) Atrazine	16.46	200	617645	18.832 ng/ul	97
68) Pentachlorophenol	16.64	266	381867	18.887 ng/ul	98
69) Phenanthrene	17.03	178	2815665	17.962 ng/ul	100
71) Anthracene	17.12	178	2872593	17.989 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	901689	19.179 ng/uL	98
73) Pentachlorobenzene	14.55	250	819048	19.356 ng/uL	98
74) Carbazole	17.39	167	2488521	18.141 ng/ul	99
75) Di-n-butylphthalate	17.97	149	3243823	18.847 ng/ul	99
76) Fluoranthene	19.06	202	3039515	17.481 ng/ul	97
79) Pyrene	19.43	202	2935774	21.159 ng/ul	95
80) Butylbenzylphthalate	20.35	149	1323905	24.100 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	851019	19.766 ng/ul#	98
82) Benzo(a)anthracene	21.20	228	2419295	18.046 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	1908345	22.560 ng/ul#	97
84) Chrysene	21.25	228	2261080	18.173 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2921003	23.014 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2127908	18.267 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2040500m	18.340 ng/ul	SJ 05/02/19
90) Benzo(a)pyrene	23.32	252	1995228	18.222 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	2287203	18.893 ng/ul	98
92) Dibenzo(a,h)anthracene	25.61	278	1911769	18.608 ng/ul	96
93) Benzo(g,h,i)perylene	26.26	276	1912149	19.102 ng/ul	96

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