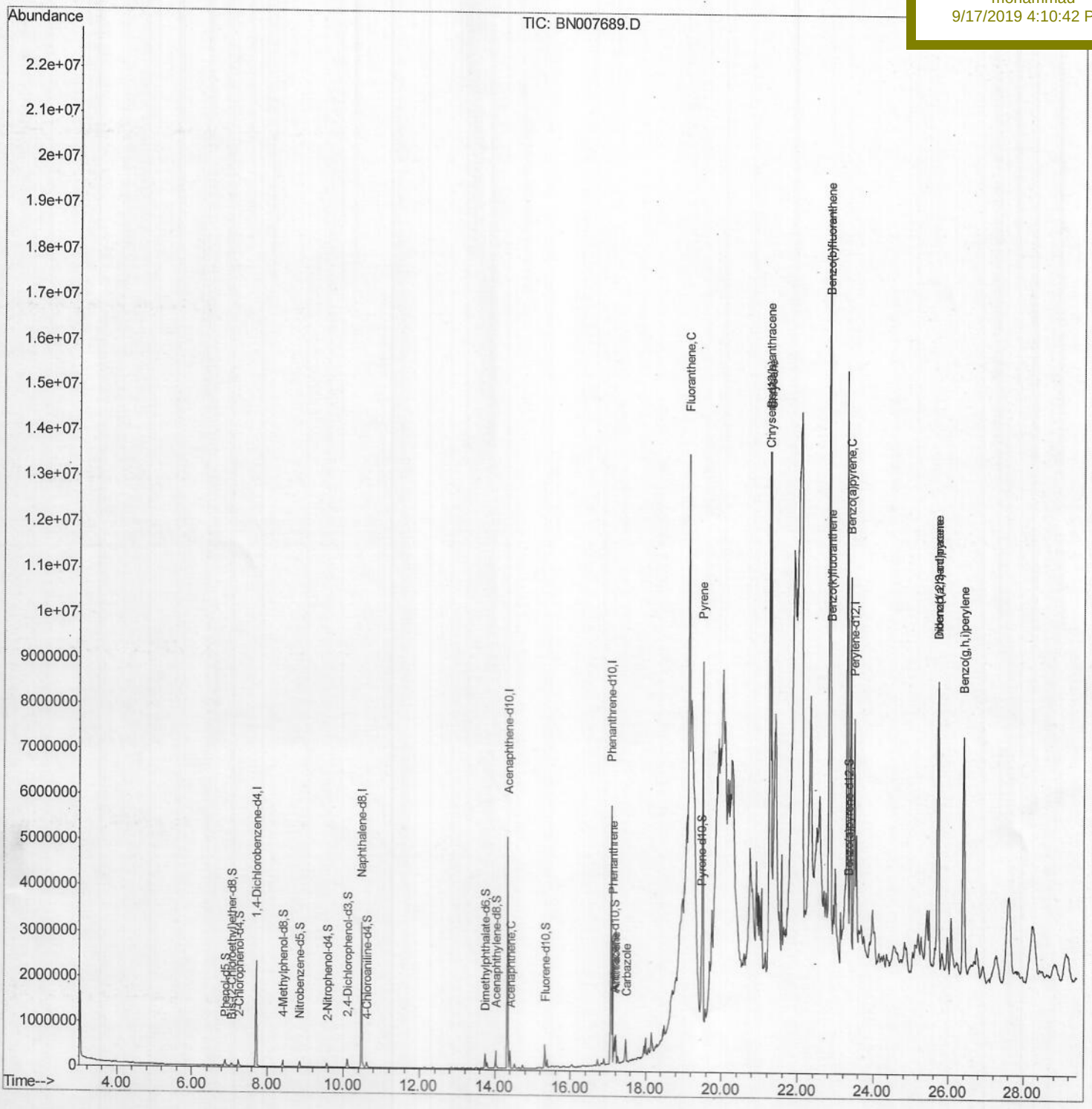
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
Data File : BN007689.D
Acq On : 17 Sep 2019 06:02
Operator : HP/JU
Sample : K4633-09DL 20X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 17 08:44:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
F2D07DL

Manual Integrations APPROVED
mohammad
9/17/2019 4:10:42 PM



Quantitation Report (Qedit)

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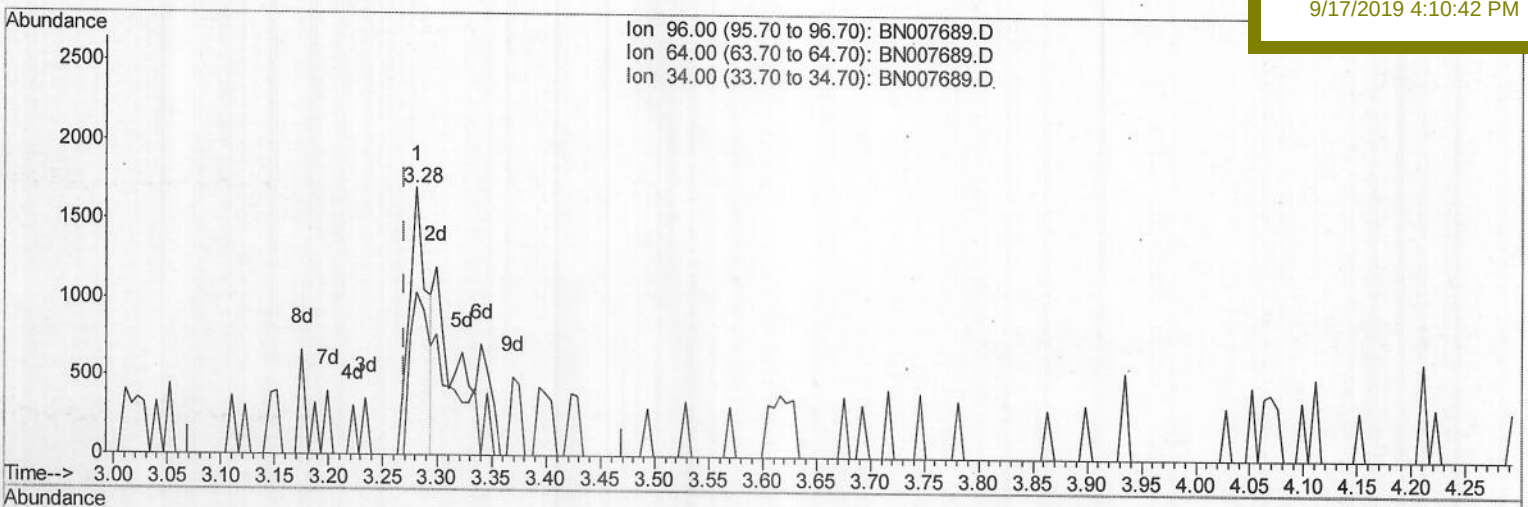

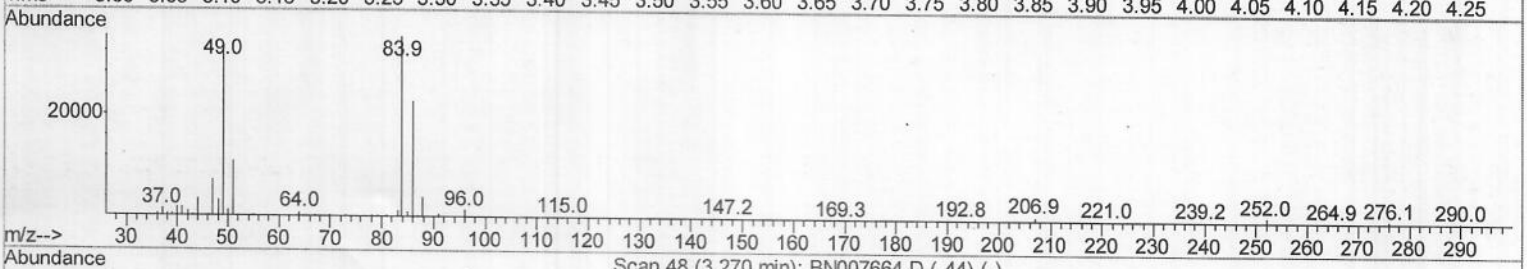

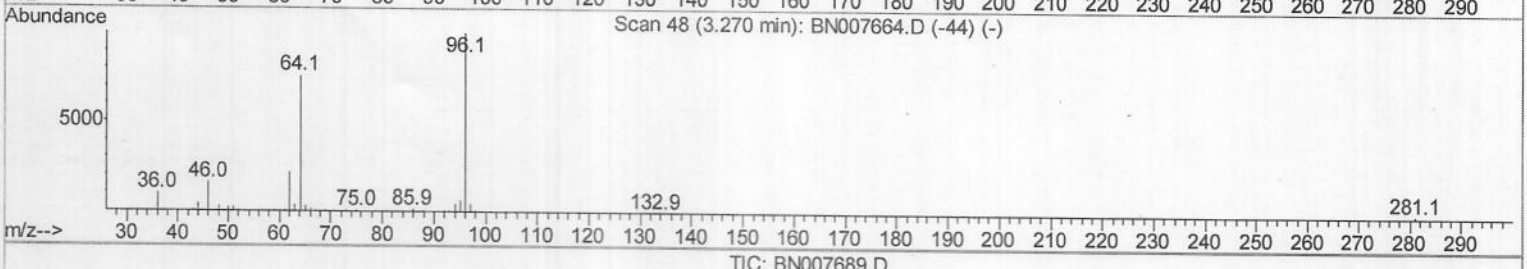

TIC: BN007689.D

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

3.281min (+0.011) 0.12ng/uL

response 1867

Ion	Exp%	Act%
96.00	100	100
64.00	75.40	61.07
34.00	0.00	0.00
0.00	0.00	0.00

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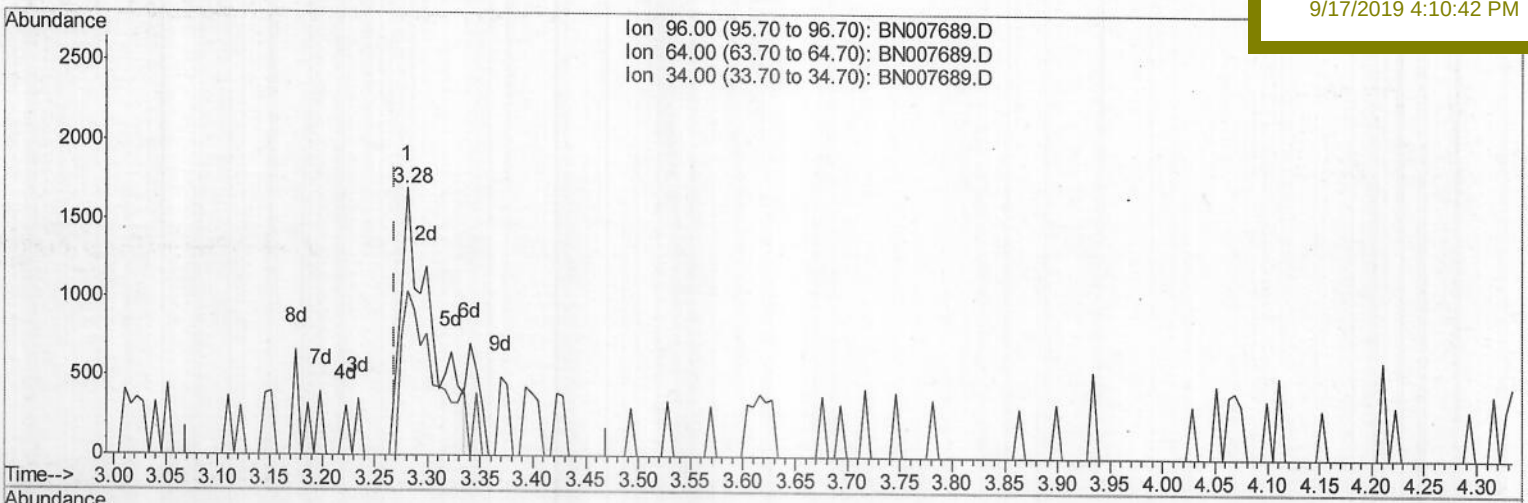

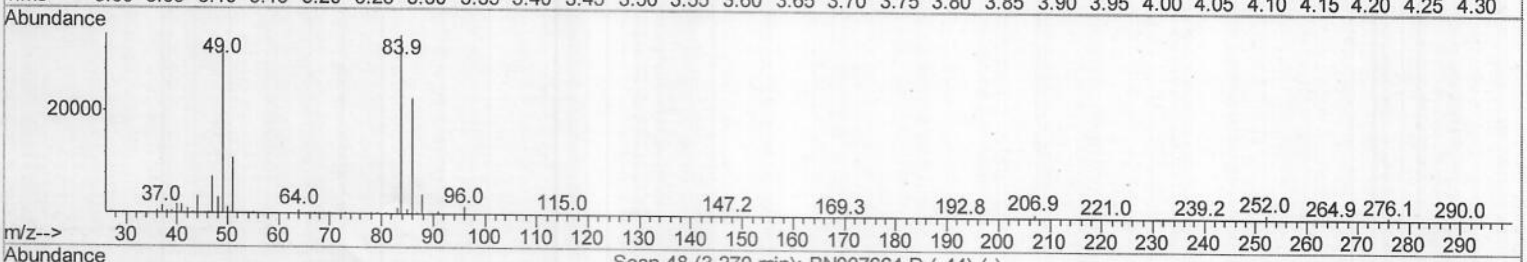

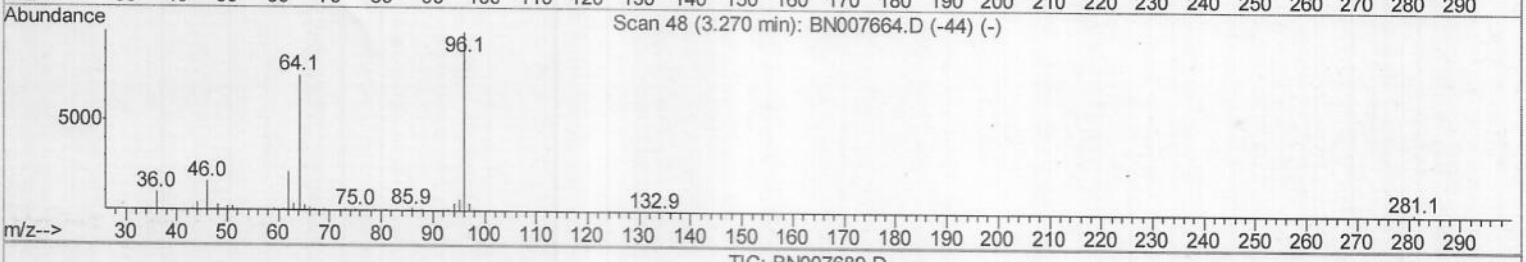

TIC: BN007689.D

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

3.281min (+0.011) 0.21ng/uL m > JU 09/18/19

response 3418

Ion	Exp%	Act%
96.00	100	100
64.00	75.40	61.07
34.00	0.00	0.00
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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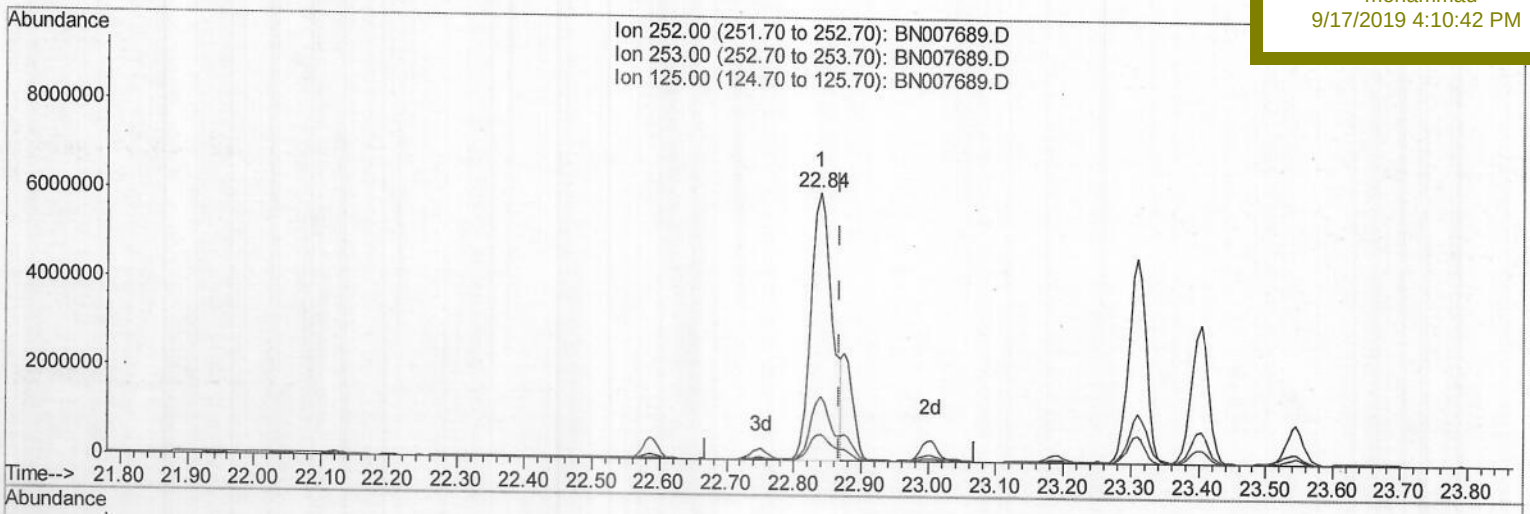

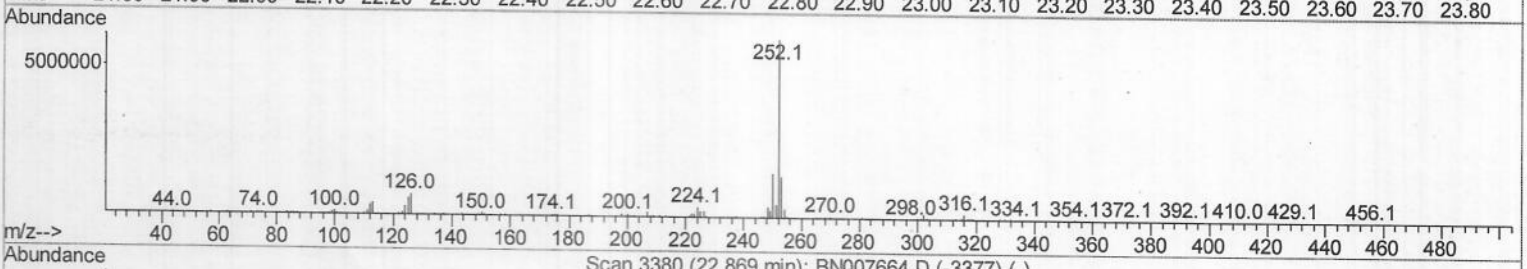

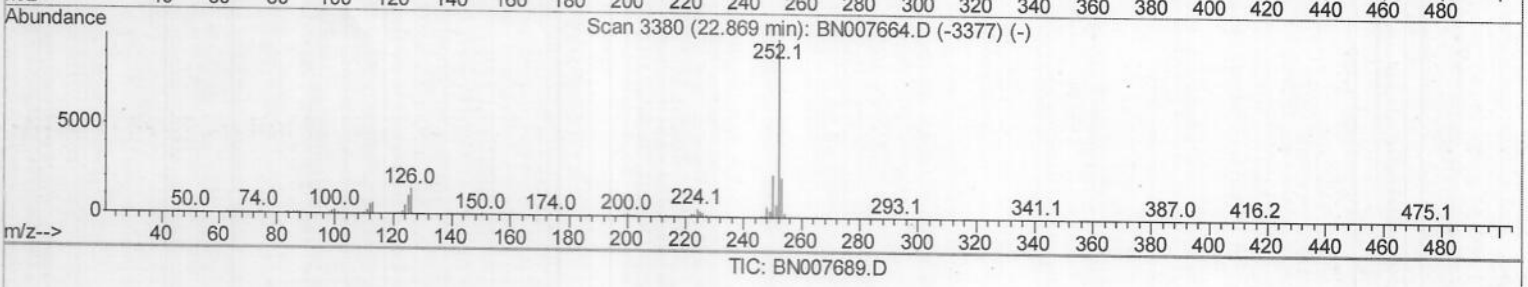

TIC: BN007689.D

(88) Benzo(k)fluoranthene

22.839min (-0.030) 59.99ng/ul

response 13159043

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.53
125.00	10.30	9.64
0.00	0.00	0.00

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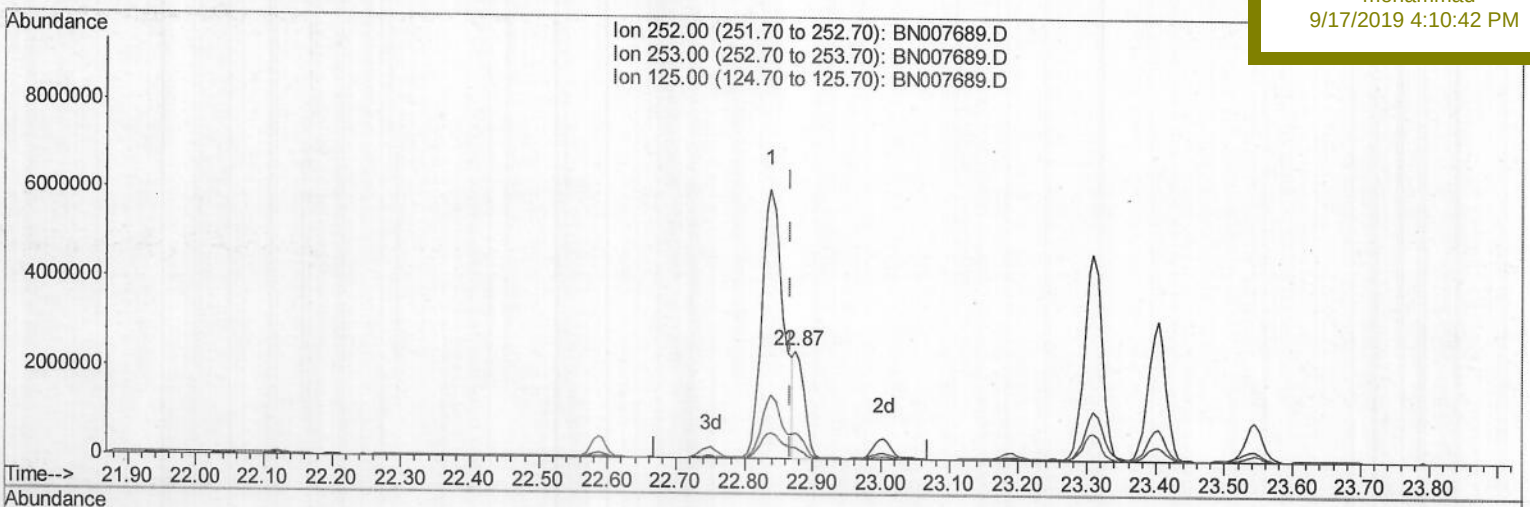
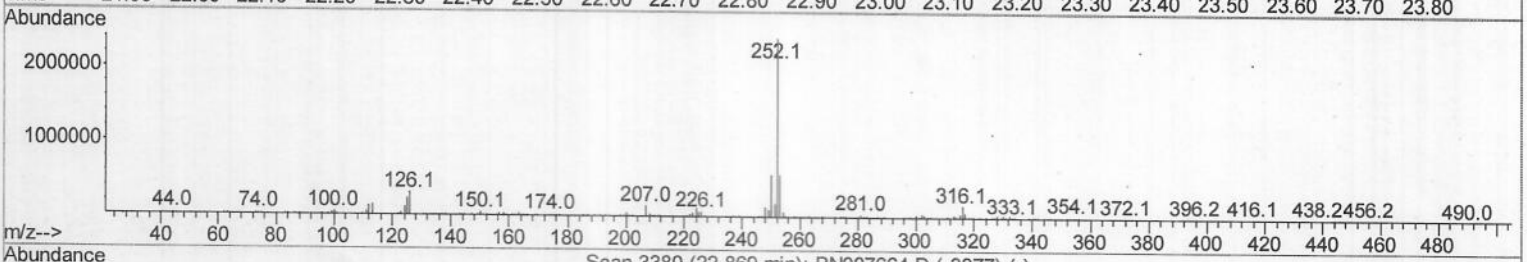
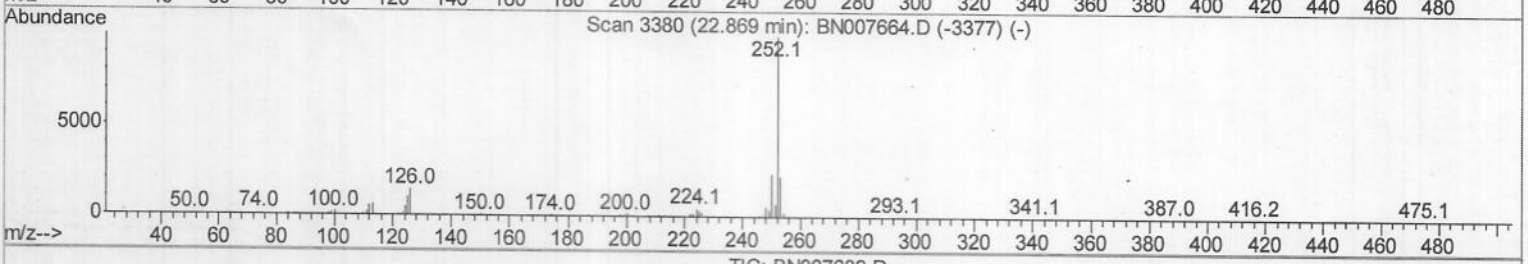
mohammad
9/17/2019 4:10:42 PM







TIC: BN007689.D

(88) Benzo(k)fluoranthene

22.874min (+0.006) 12.08ng/ul m JV 09/18/19

response 2649415

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	23.80
125.00	10.30	9.78
0.00	0.00	0.00

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Manual Integrations APPROVED
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9/17/2019 4:10:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	612851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2581126	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1623722	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3319621	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3112349	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	3490511	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	3418m?	0.21	ng/uL	0.01
5) Phenol-d5	6.88	99	77909	1.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	41062	1.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	63000	1.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	55460	1.25	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	29246	1.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	26905	1.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	66891	1.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	60886	1.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	217332	1.68	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	244378	1.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	19166	0.83	ng/ul	0.00
57) Fluorene-d10	15.33	176	192157	1.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	5832	0.33	ng/ul	0.01
70) Anthracene-d10	17.17	188	306808	1.86	ng/ul	0.00
78) Pyrene-d10	19.47	212	320263	1.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	328160	1.81	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	14.40	153	155246	1.416	ng/ul	98
69) Phenanthrene	17.12	178	1584464	8.049	ng/ul	99
71) Anthracene	17.20	178	409134	2.076	ng/ul	98
74) Carbazole	17.47	167	314294	1.886	ng/ul	99
76) Fluoranthene	19.14	202	4678845	21.667	ng/ul	98
79) Pyrene	19.50	202	4804563	23.183	ng/ul	97
82) Benzo(a)anthracene	21.26	228	4270903	19.258	ng/ul	97
84) Chrysene	21.31	228	6121112	29.665	ng/ul	97
87) Benzo(b)fluoranthene	22.84	252	13159043	58.295	ng/ul	97
88) Benzo(k)fluoranthene	22.87	252	2649415m?	12.078	ng/ul	
90) Benzo(a)pyrene	23.40	252	5540314	25.387	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.73	276	5918005	23.081	ng/ul	96
92) Dibenzo(a,h)anthracene	25.72	278	1956425	9.148	ng/ul#	84
93) Benzo(g,h,i)perylene	26.40	276	6012573	28.604	ng/ul	99

JU 09/18/19

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