

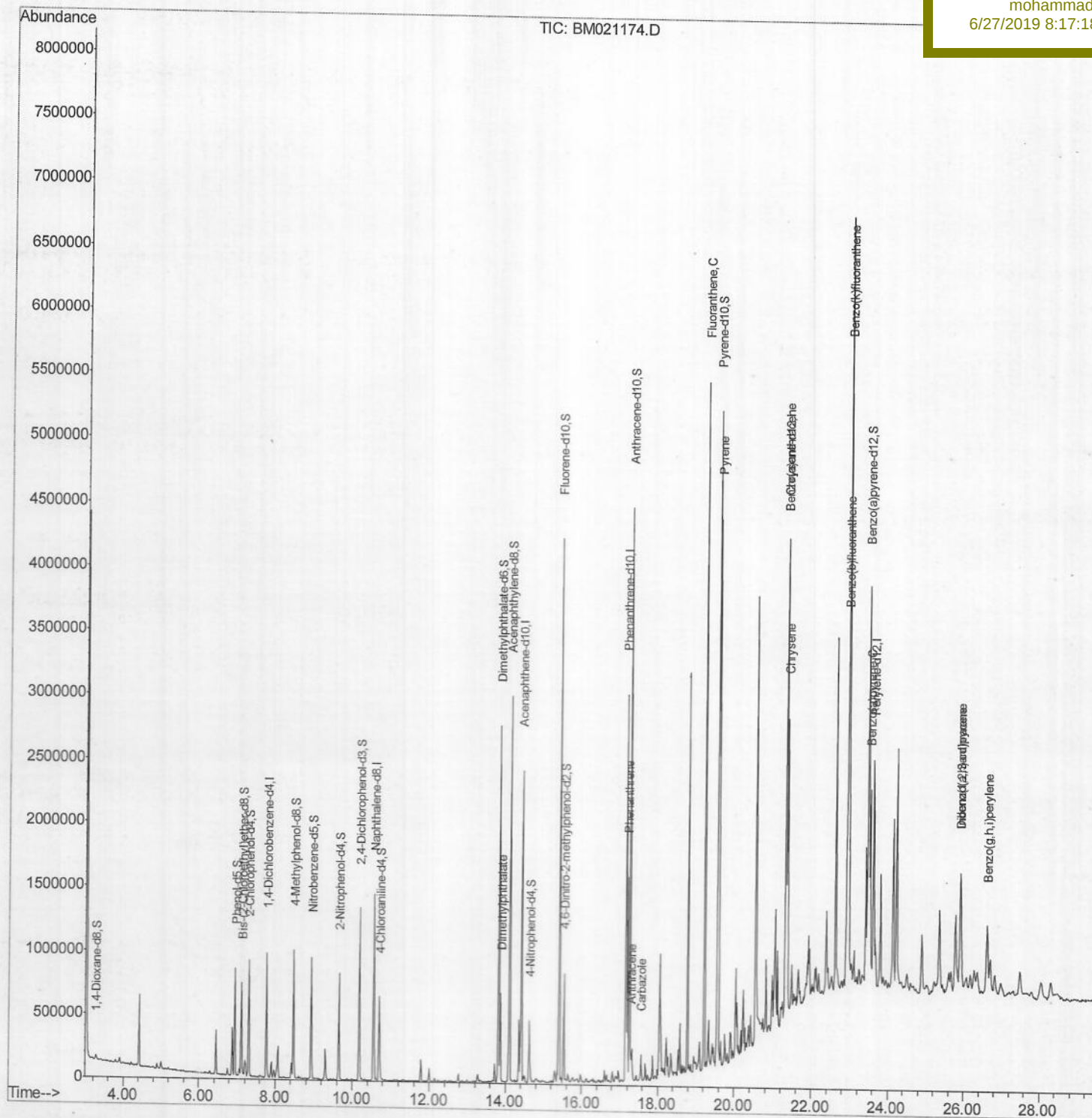
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062519\
Data File : BM021174.D
Acq On : 25 Jun 2019 22:53
Operator : HP/JU
Sample : K3498-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 26 02:27:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 26 01:32:57 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
C5AA4

Manual Integrations
APPROVED

mohammad
6/27/2019 8:17:18 AM



Quantitation Report (Qedit)

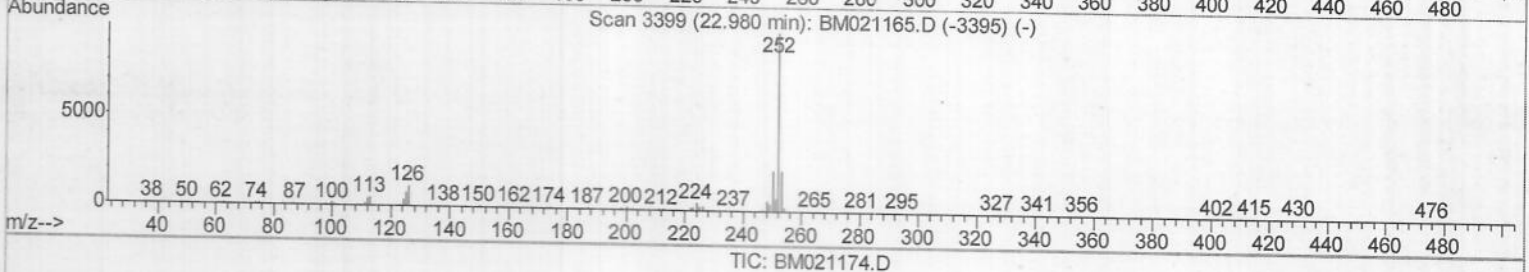
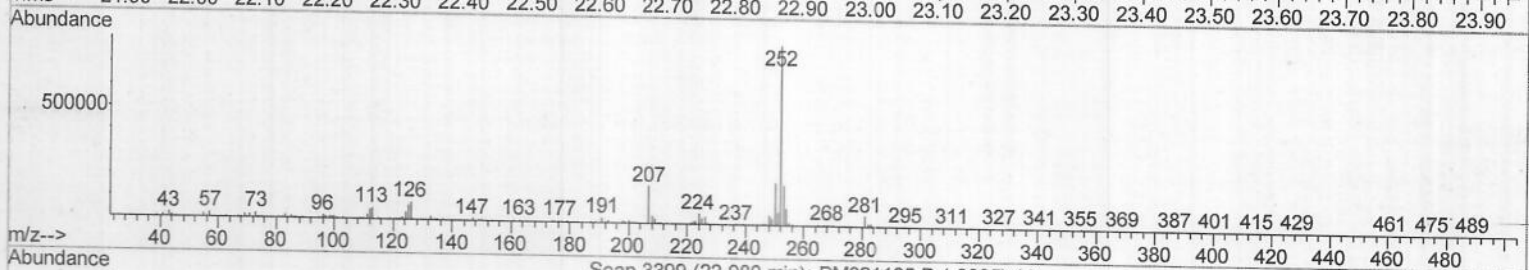
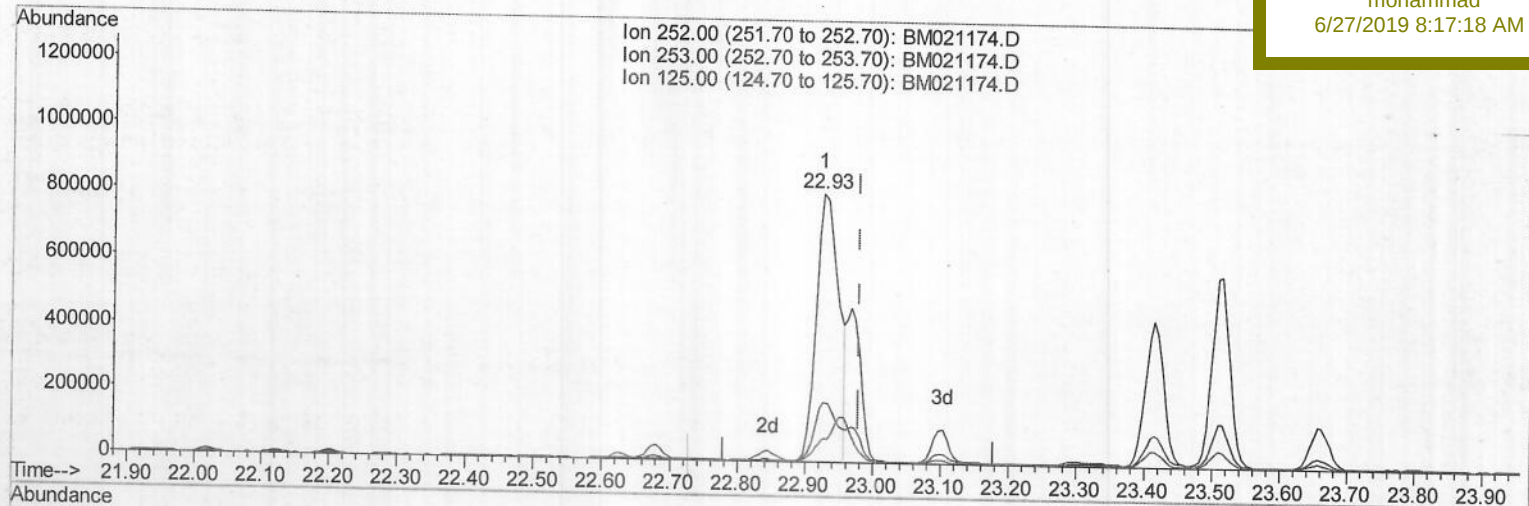
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(88) Benzo(k)fluoranthene
 22.927min (-0.053) 22.65ng/ul
 response 1847163

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.50
125.00	8.20	8.44
0.00	0.00	0.00

Quantitation Report (Qedit)

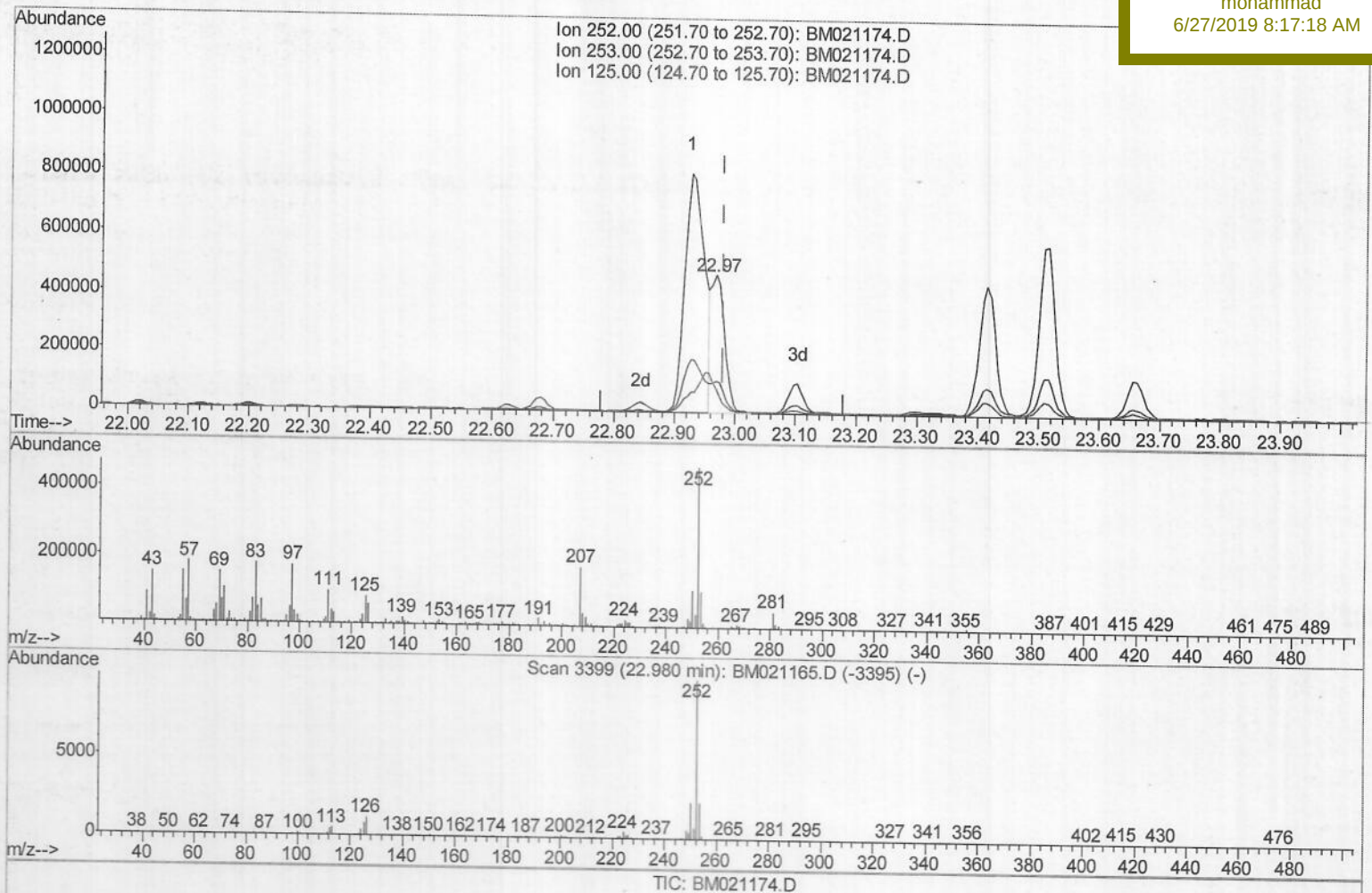
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 6/27/2019 8:17:18 AM



(88) Benzo(k)fluoranthene

22.968min (-0.012) 8.68ng/ul m

response 708040

Ion	Exp%	Act%
252.00	100	100
253.00	21.90	22.63
125.00	8.20	17.41#
0.00	0.00	0.00

JU 06/27/19

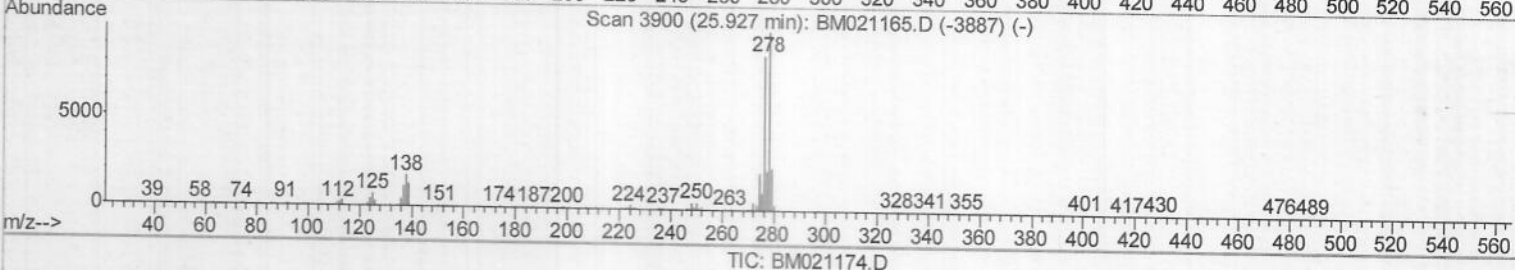
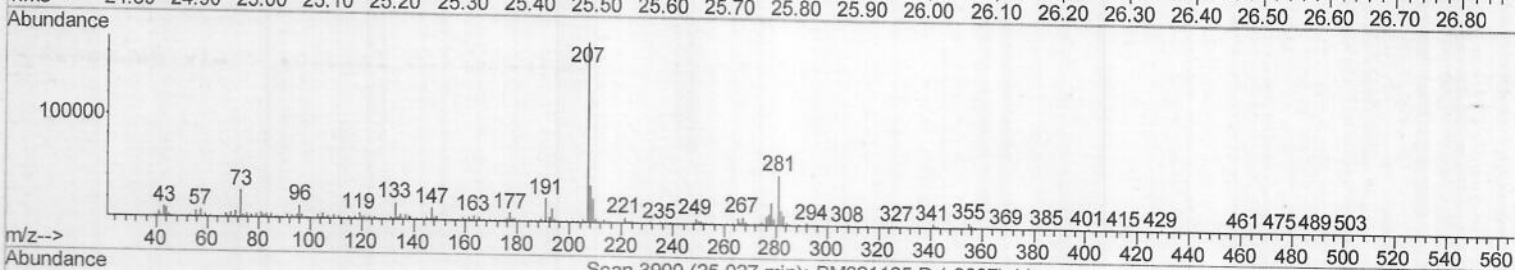
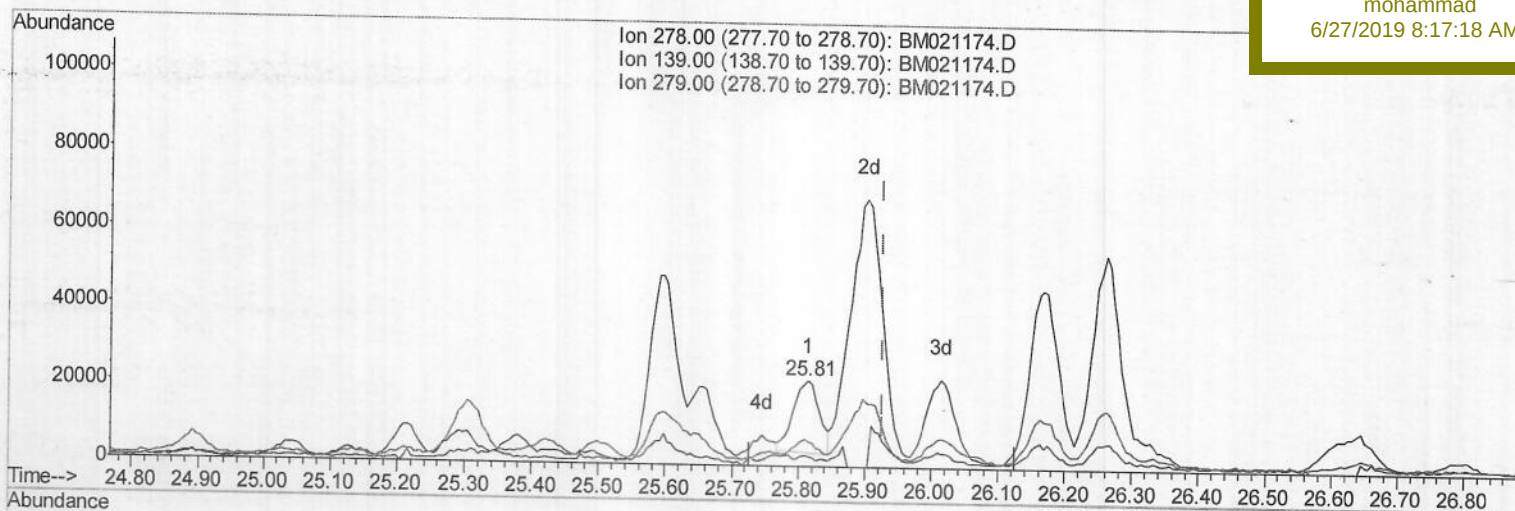
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Manual Integrations
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(92) Dibenzo(a,h)anthracene

25.815min (-0.112) 0.64ng/ul

response 50376

Ion	Exp%	Act%
278.00	100	100
139.00	13.20	11.66
279.00	23.70	27.80
0.00	0.00	0.00

Quantitation Report (Qedit)

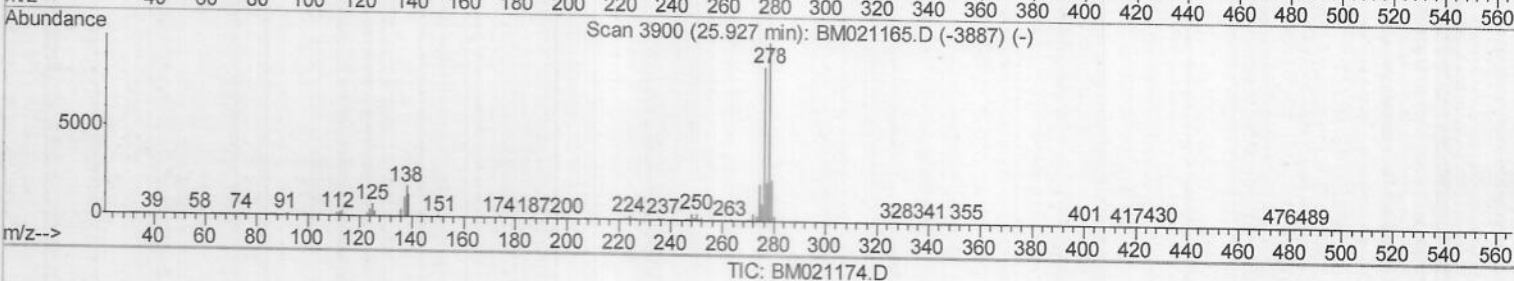
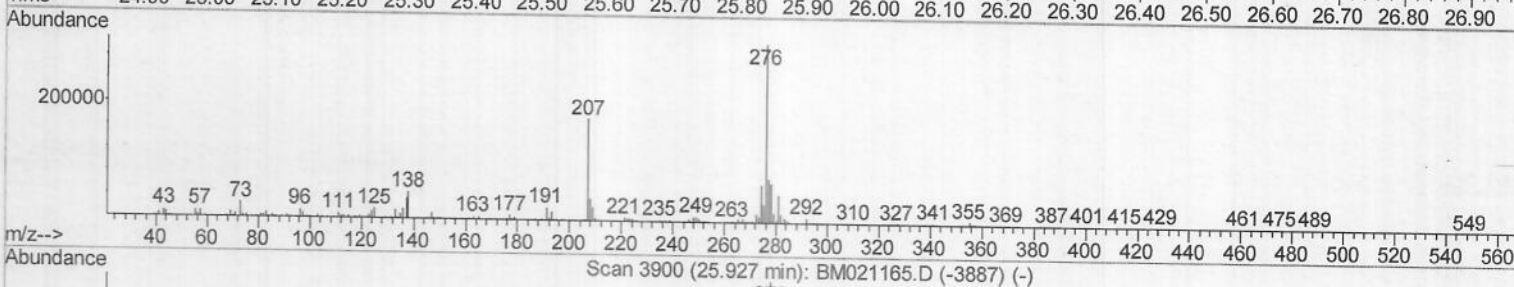
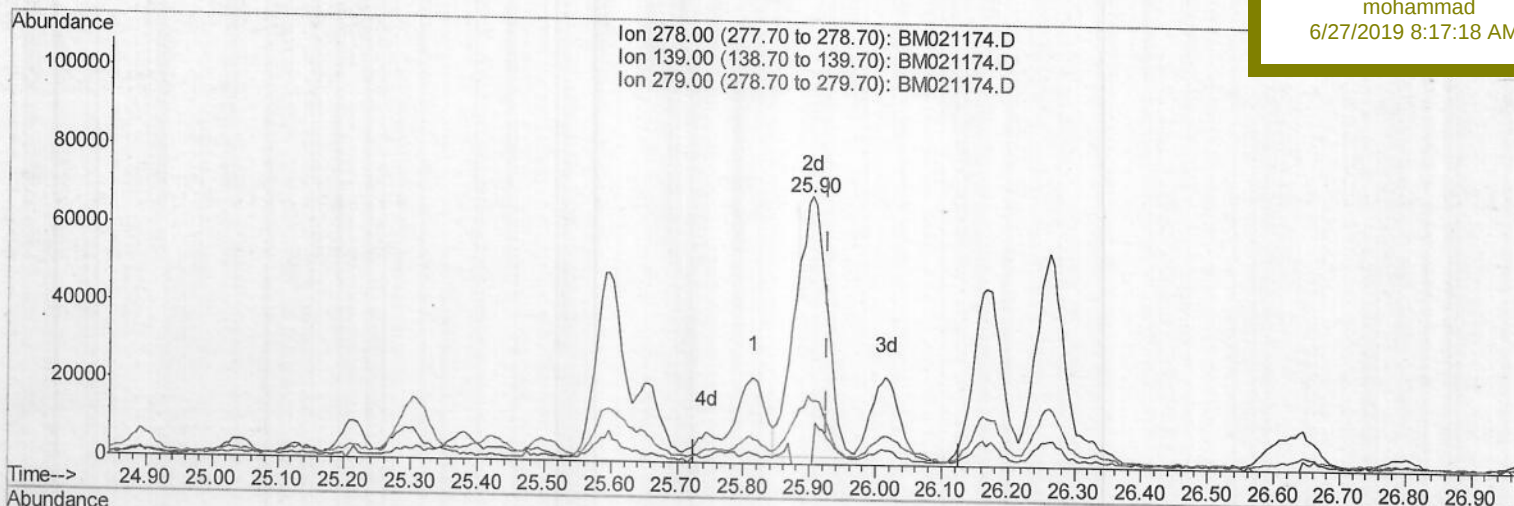
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Manual Integrations
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 6/27/2019 8:17:18 AM



(92) Dibenzo(a,h)anthracene

25.903min (-0.024) 2.83ng/ul m

JU 06/24/19

response 224119

Ion	Exp%	Act%
278.00	100	100
139.00	13.20	0.00#
279.00	23.70	23.71
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	275650	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1203100	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	792504	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1773662	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1284570	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1338529	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	20296	3.50	ng/uL	0.00
5) Phenol-d5	6.94	99	490385	20.44	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.11	67	318347	22.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	424873	21.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	391798	19.56	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	245302	25.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	269944	24.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	540267	24.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	397095	17.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1863994	26.03	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2206176	25.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	140619	12.07	ng/ul	0.00
57) Fluorene-d10	15.40	176	1637425	26.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	200470	18.39	ng/ul	0.00
70) Anthracene-d10	17.26	188	2481198	26.92	ng/ul	0.00
78) Pyrene-d10	19.55	212	2347431	30.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	2070627	26.22	ng/ul	0.00

Target Compounds

					Qvalue
44) Dimethylphthalate	13.87	163	425554	6.528 ng/ul	99
69) Phenanthrene	17.20	178	946050	9.644 ng/ul	99
71) Anthracene	17.29	178	115417	1.155 ng/ul	99
74) Carbazole	17.56	167	123908	1.504 ng/ul	100
76) Fluoranthene	19.22	202	3193426	30.129 ng/ul	99
79) Pyrene	19.58	202	2501446	27.545 ng/ul	100
82) Benzo(a)anthracene	21.33	228	1161655	13.264 ng/ul	98
84) Chrysene	21.37	228	1374938	16.763 ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	1847163	21.785 ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	708040m	8.680 ng/ul	
90) Benzo(a)pyrene	23.52	252	1059442	13.275 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	877154	9.334 ng/ul	95
92) Dibenzo(a,h)anthracene	25.90	278	224119m	2.835 ng/ul	
93) Benzo(g,h,i)perylene	26.60	276	712859	9.210 ng/ul	98

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