

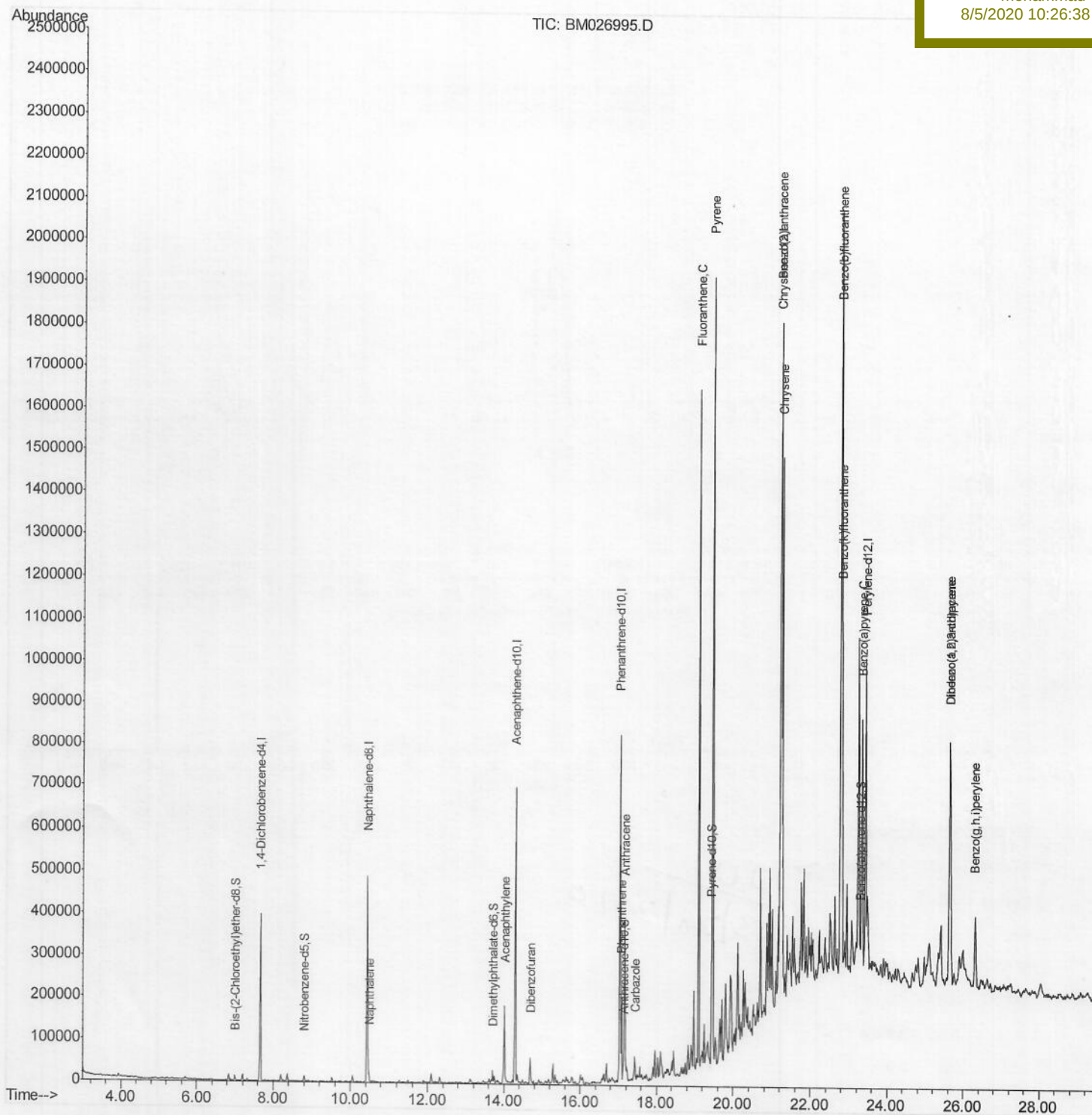
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM080320\
Data File : BM026995.D
Acq On : 04 Aug 2020 09:07
Operator : JU/CG
Sample : L3424-11DL 25X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 04 13:21:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 10:59:09 2020
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
C0S86DL

Manual Integrations
APPROVED

mohammad
8/5/2020 10:26:38 AM



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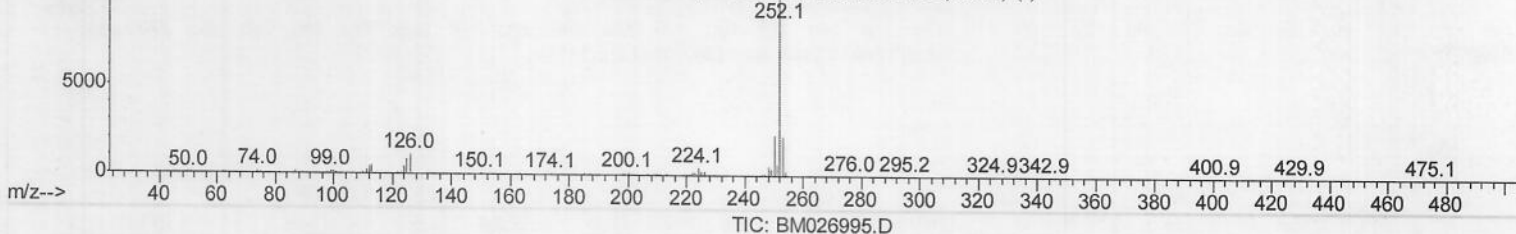
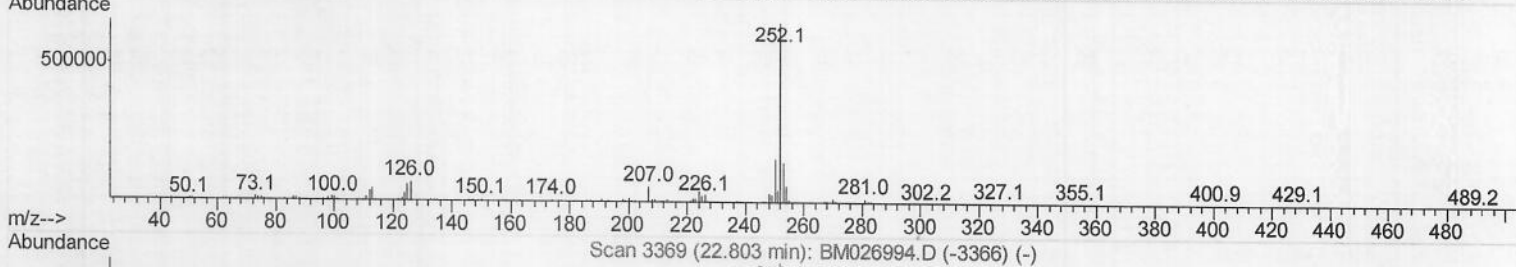
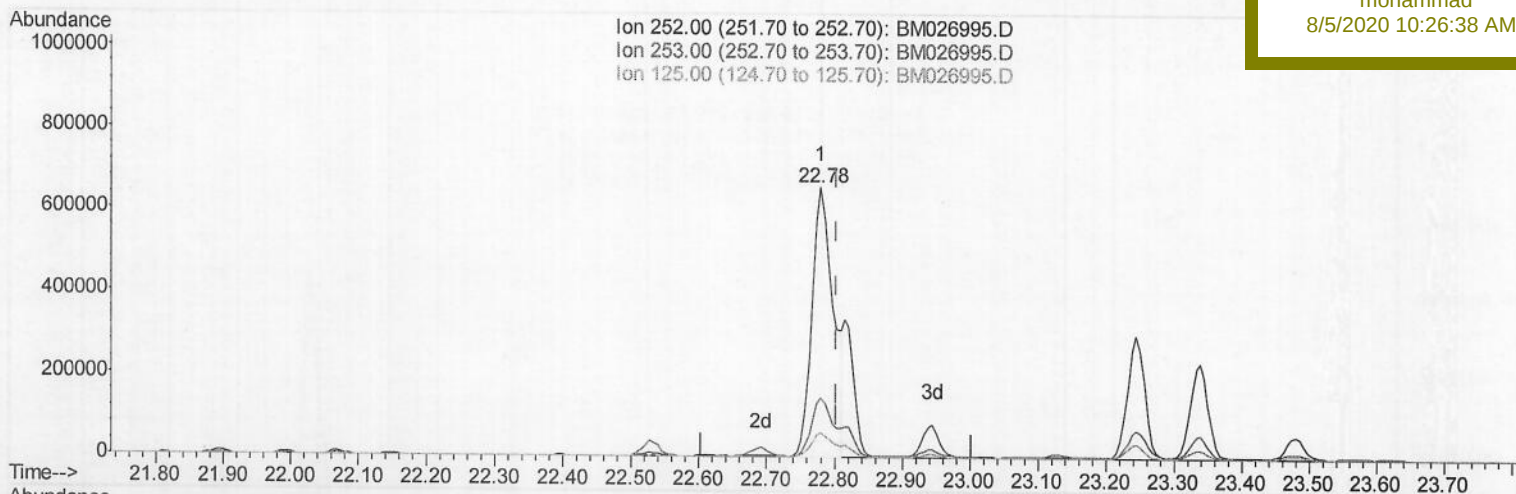
C0S86DL

Manual Integrations

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(89) Benzo(k)fluoranthene

22.780min (-0.024) 43.67ng/ul

response 1425899

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.25
125.00	9.10	9.09
0.00	0.00	0.00

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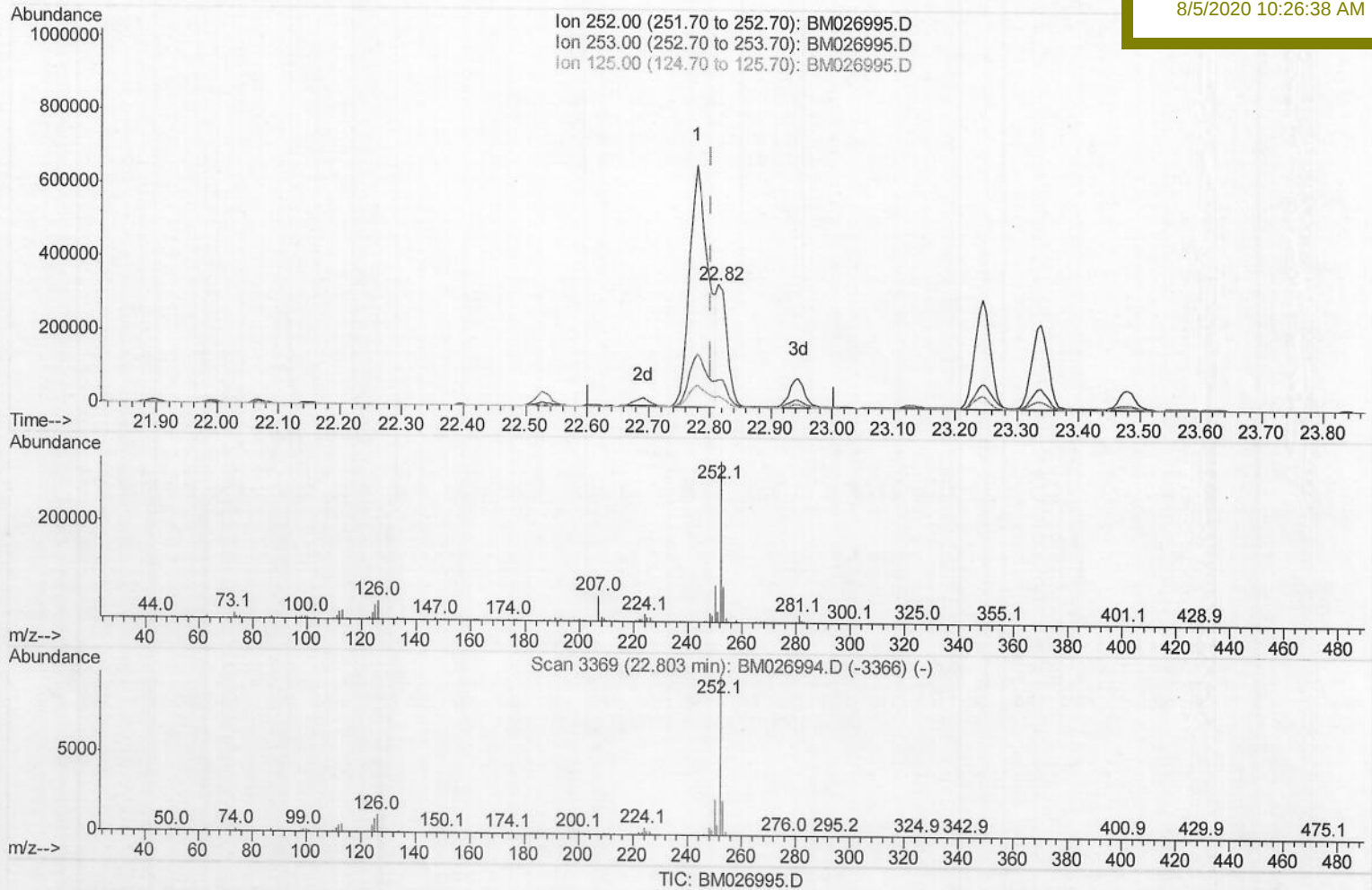
C0S86DL

Manual Integrations

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mohammad

8/5/2020 10:26:38 AM



(89) Benzo(k)fluoranthene

22.815min (+0.012) 11.41ng/ul m -> 08/05/2020 JU

response 372694

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.30
125.00	9.10	8.72
0.00	0.00	0.00

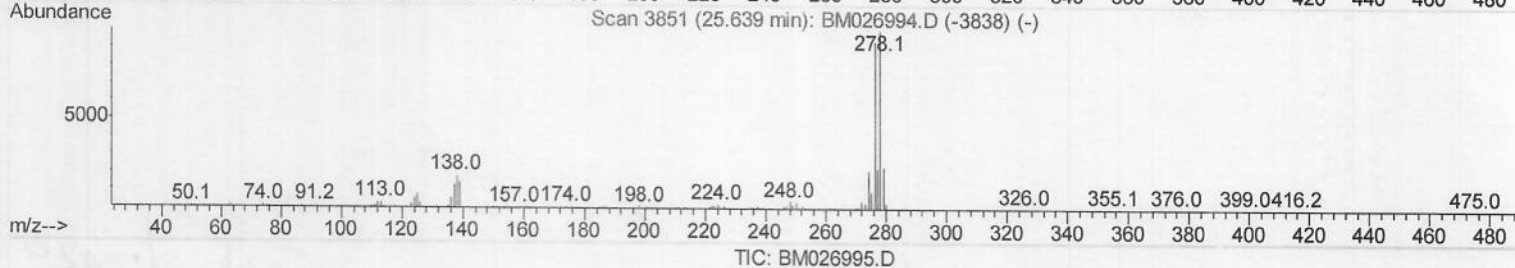
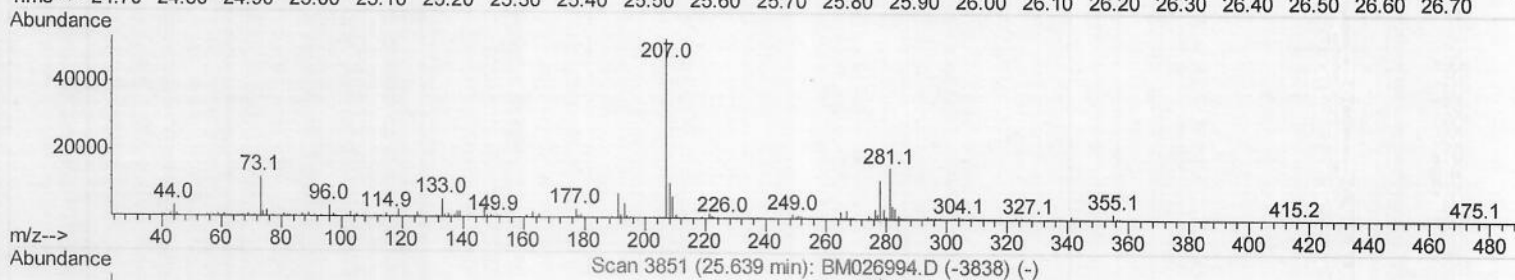
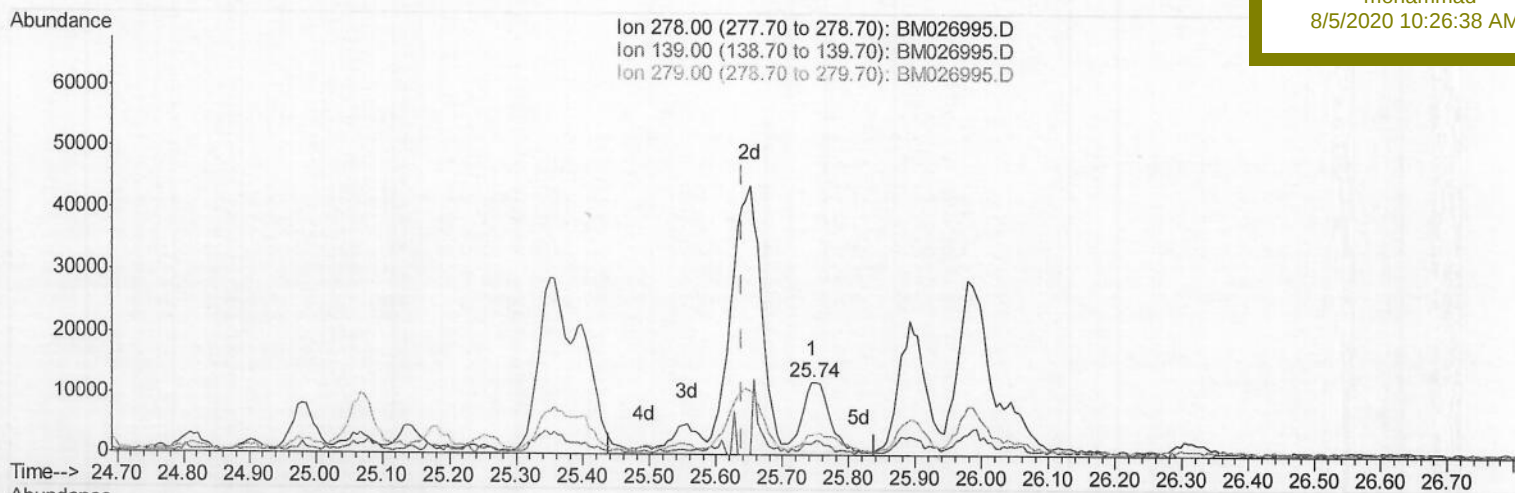
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Manual Integrations
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mohammad
8/5/2020 10:26:38 AM



(93) Dibenzo(a,h)anthracene

25.744min (+0.106) 0.99ng/ul

response 31968

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	15.55
279.00	24.30	26.88
0.00	0.00	0.00

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Instrument :

BNA_M

Client Sampled :

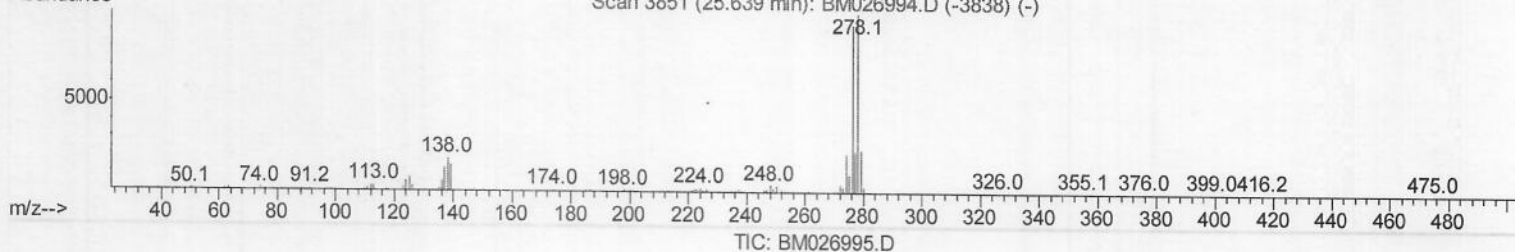
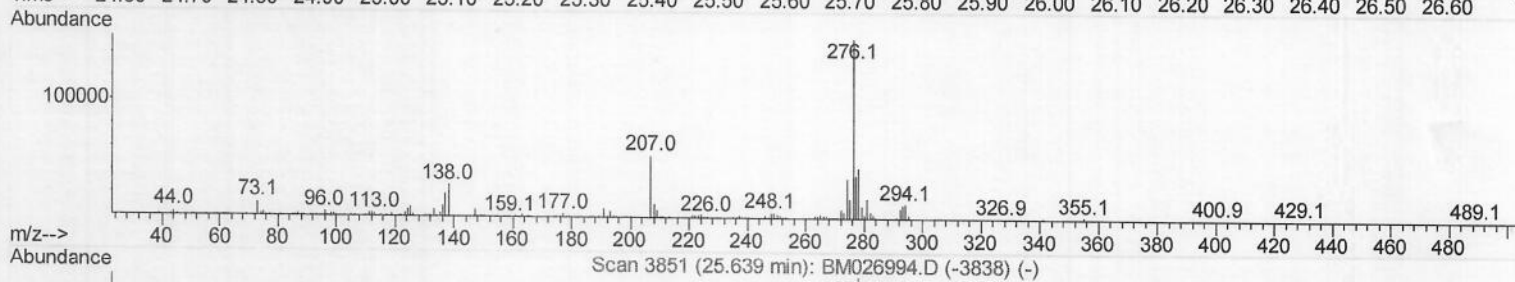
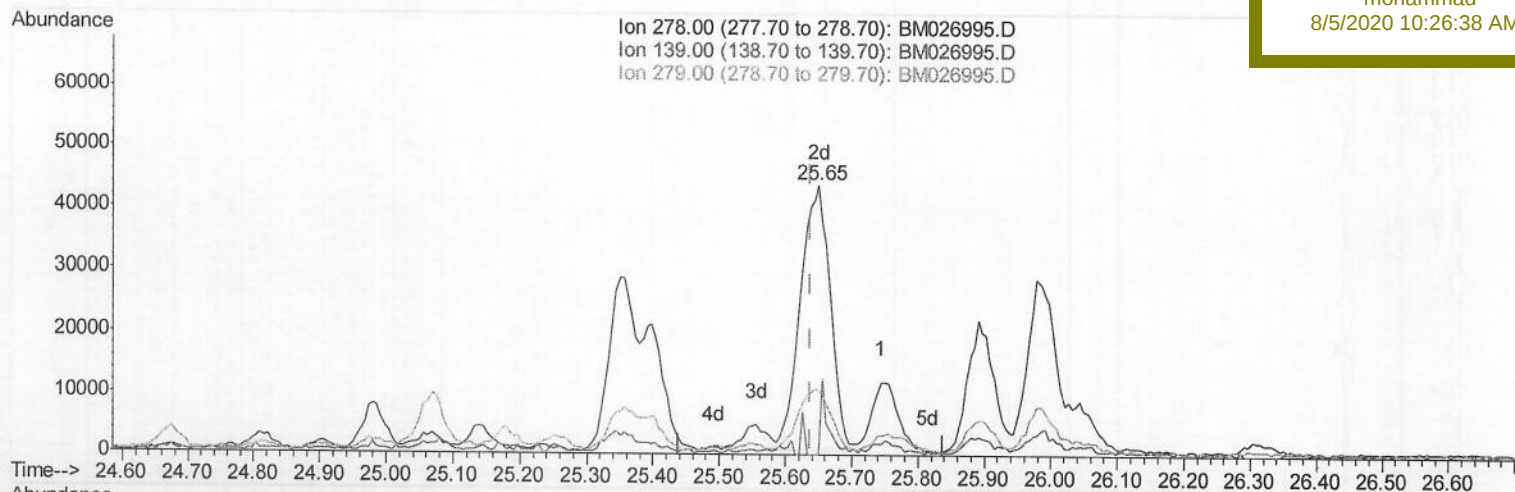
C0S86DL

Manual Integrations

APPROVED

mohammad

8/5/2020 10:26:38 AM



(93) Dibenzo(a,h)anthracene

25.650min (+0.012) 4.20ng/ul m

-> 08/05/2020 JU

response 135367

Ion	Exp%	Act%
278.00	100	100
139.00	13.60	0.00#
279.00	24.30	24.01
0.00	0.00	0.00

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Manual Integrations
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mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	94389	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	366901	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	218478	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	445985	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	471533	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	475652	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	332	0.16	ng/uL	0.00
5) Phenol-d5	6.83	99	7499	0.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5717	1.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5748	0.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5909	0.93	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3120	1.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2581	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	4989	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	2257	0.30	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	17900	1.04	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	21139	0.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1323	0.46	ng/ul	0.00
58) Fluorene-d10	15.29	176	14831	1.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1284	0.65	ng/ul	0.00
71) Anthracene-d10	17.13	188	25386	1.14	ng/ul	0.00
79) Pyrene-d10	19.43	212	29571	1.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	33164	1.24	ng/ul	0.01

Target Compounds

						Ovalue
28) Naphthalene	10.48	128	20823	1.016	ng/ul	97
48) Acenaphthylene	14.01	152	131999	5.959	ng/ul	99
54) Dibenzofuran	14.69	168	30398	1.437	ng/ul	98
70) Phenanthrene	17.07	178	102299	3.779	ng/ul	98
72) Anthracene	17.16	178	242646	8.720	ng/ul	97
75) Carbazole	17.43	167	32728	1.331	ng/ul	99
77) Fluoranthene	19.10	202	916518	28.673	ng/ul	97
80) Pyrene	19.46	202	1057045	30.812	ng/ul	99
83) Benzo(a)anthracene	21.21	228	596544	18.355	ng/ul	95
85) Chrysene	21.26	228	752600	23.746	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	1425899	41.906	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	372694m →	11.415	ng/ul	
91) Benzo(a)pyrene	23.34	252	426372	13.887	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	492580	12.932	ng/ul	96
93) Dibenzo(a,h)anthracene	25.65	278	135367m →	4.202	ng/ul	
94) Benzo(a,h,i)perylene	26.31	276	191460	6.079	ng/ul	99

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

08/05/2020 JU