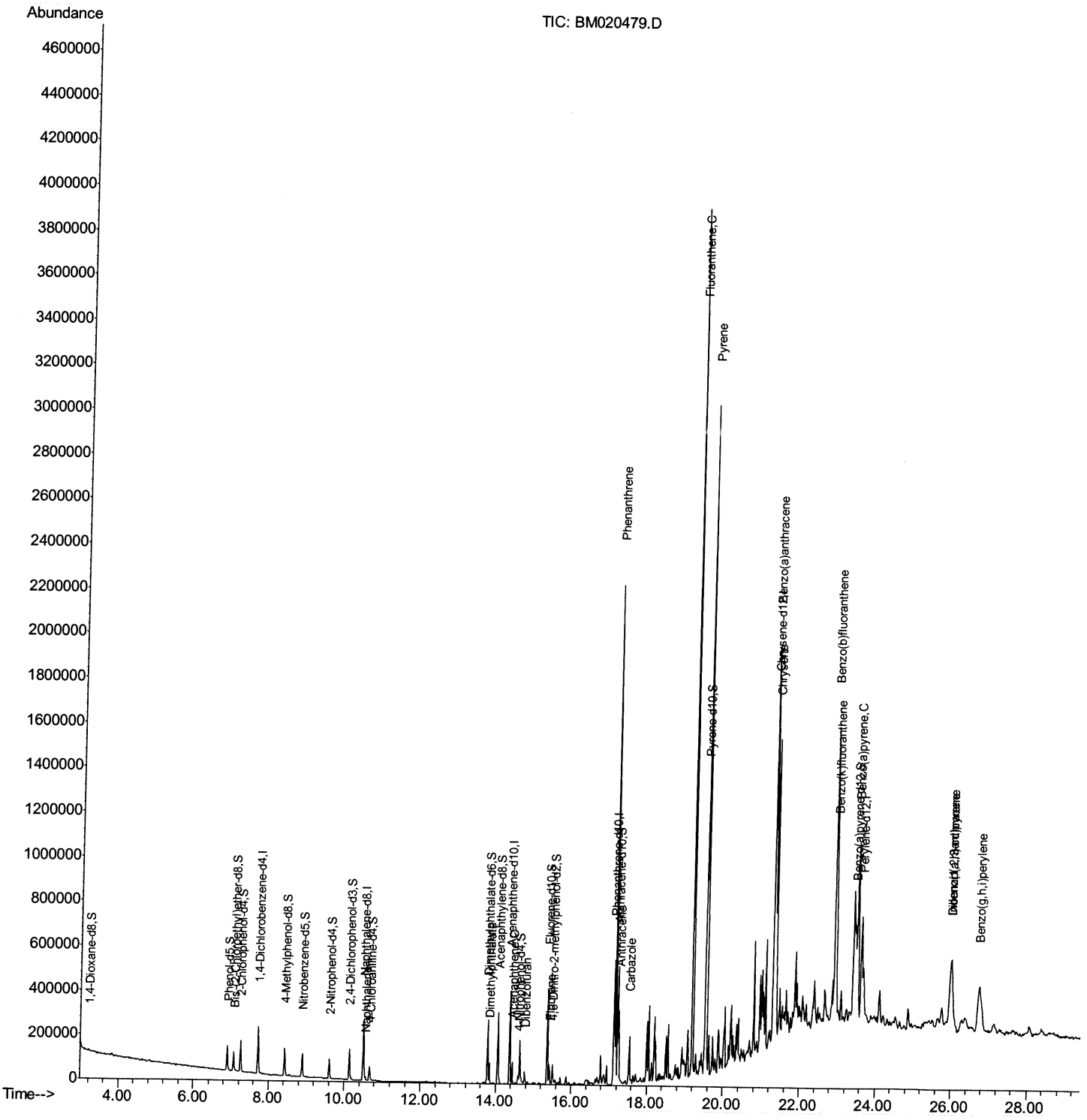
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020479.D
Acq On : 22 May 2019 02:52
Operator : JU/SJ
Sample : K2923-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 22 06:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 06:40:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4252

Manual Integrations APPROVED
mohammad
5/23/2019 8:43:33 AM



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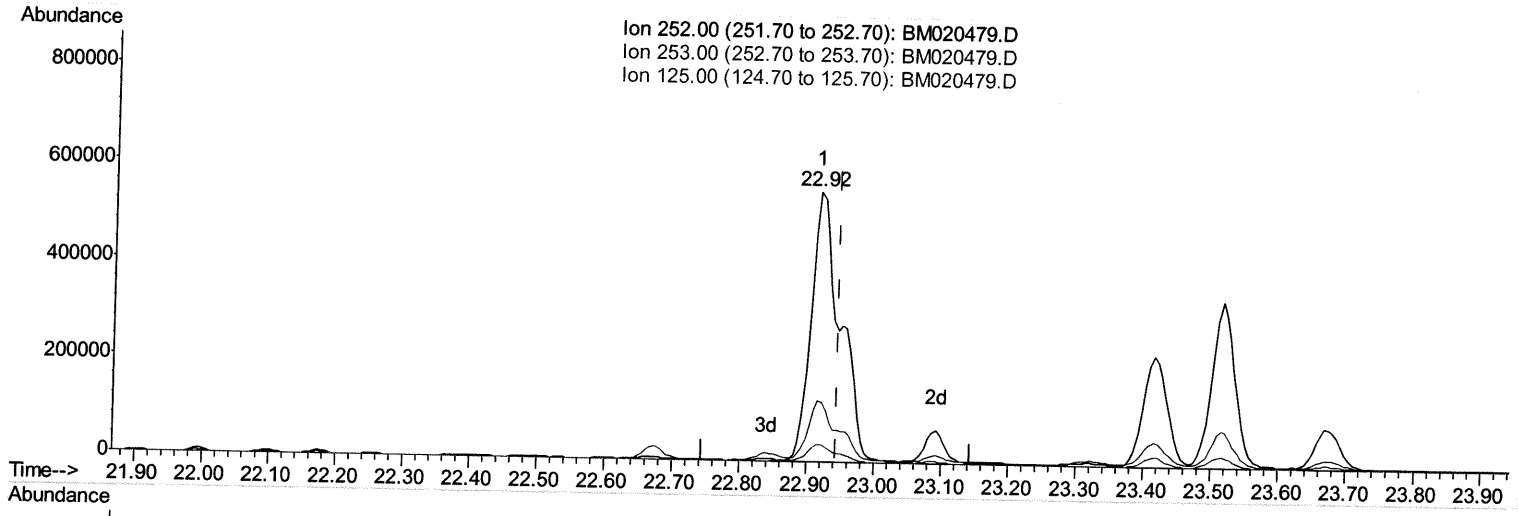
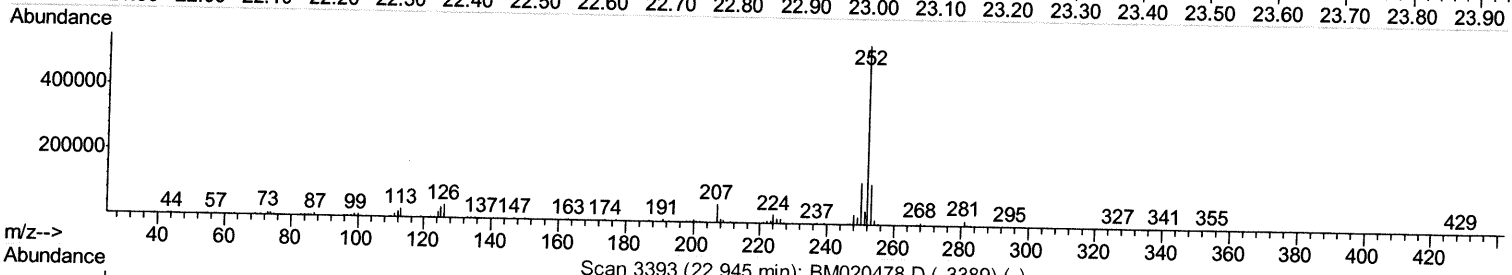
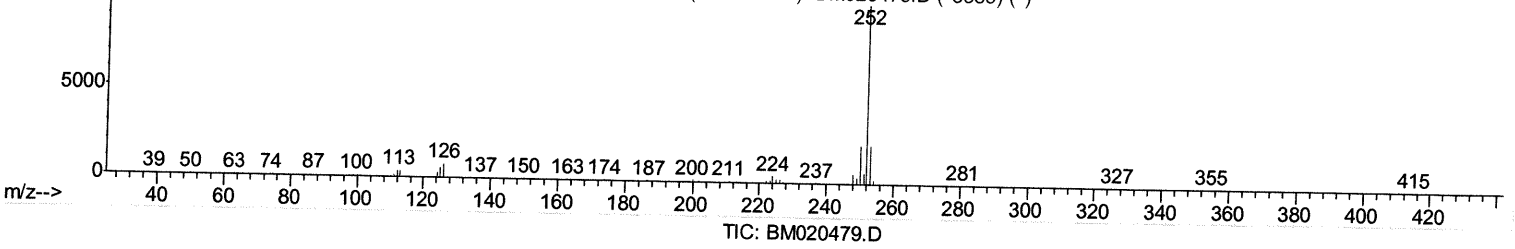




Scan 3393 (22.945 min): BM020478.D (-3389) (-)



TIC: BM020479.D

(88) Benzo(k)fluoranthene

22.915min (-0.030) 48.16ng/ul

response 1252056

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.71
125.00	6.30	6.45
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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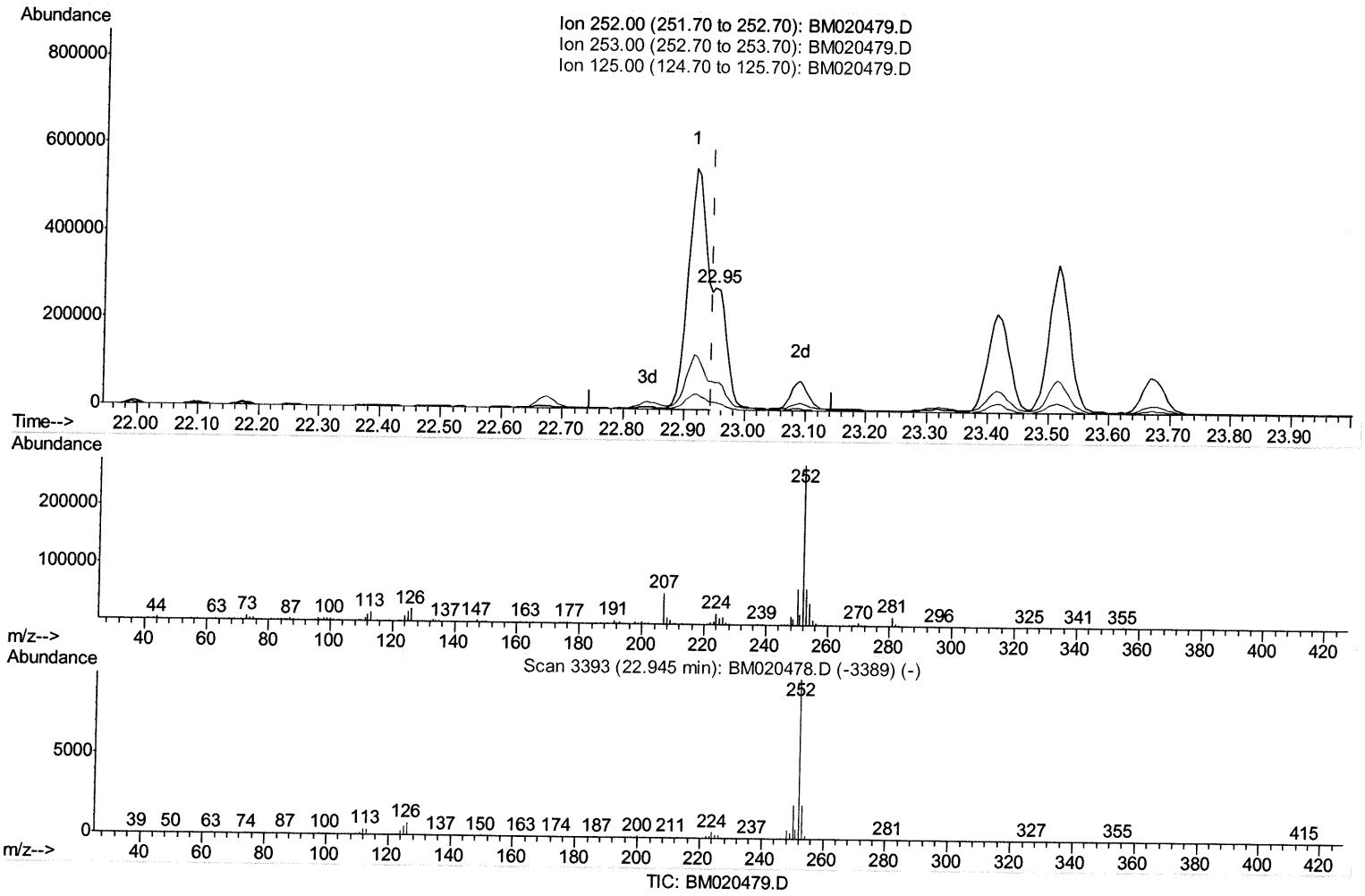

(88) Benzo(k)fluoranthene

22.950min (+0.006) 15.29ng/ul m JU 05/24/19

response 397590

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	22.91
125.00	6.30	6.63
0.00	0.00	0.00

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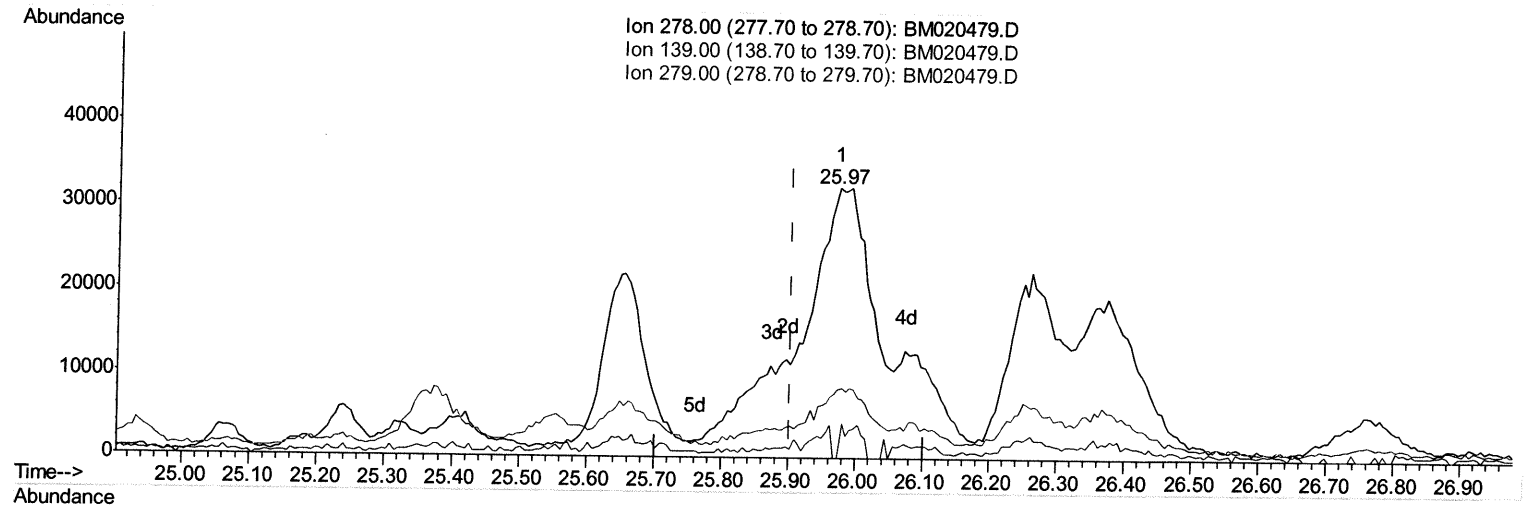

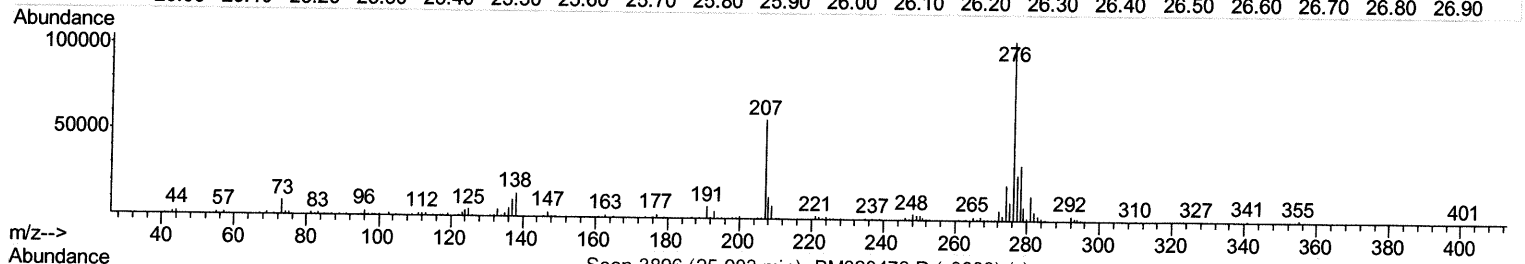

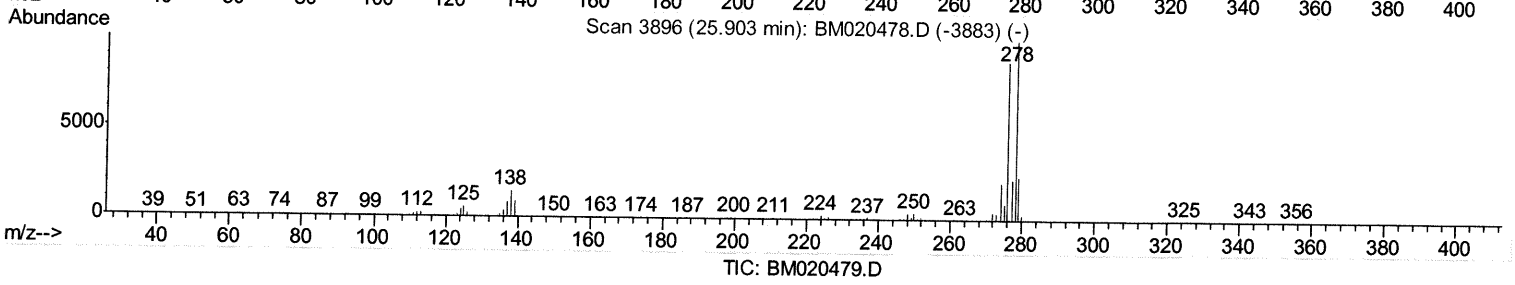

TIC: BM020479.D

(92) Dibenzo(a,h)anthracene

25.974min (+0.070) 2.11ng/ul

response 51223

Ion	Exp%	Act%
278.00	100	100
139.00	10.10	0.00#
279.00	23.40	25.58
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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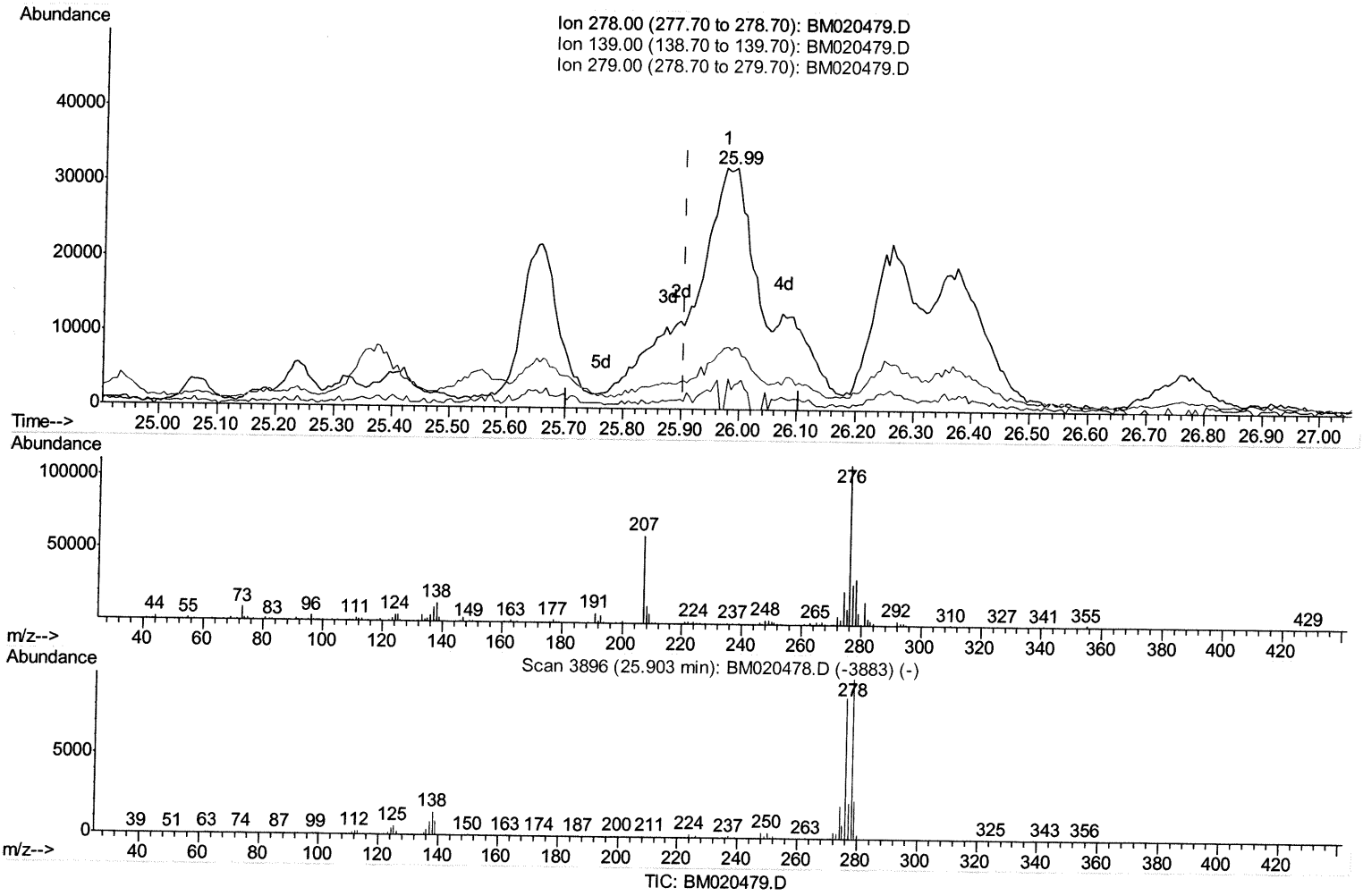

(92) Dibenzo(a,h)anthracene

25.991min (+0.088) 4.10ng/ul m JU 05/24/19

response 99404

Ion	Exp%	Act%
278.00	100	100
139.00	10.10	10.62
279.00	23.40	25.93
0.00	0.00	0.00

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ALS Vial : 17 Sample Multiplier: 1

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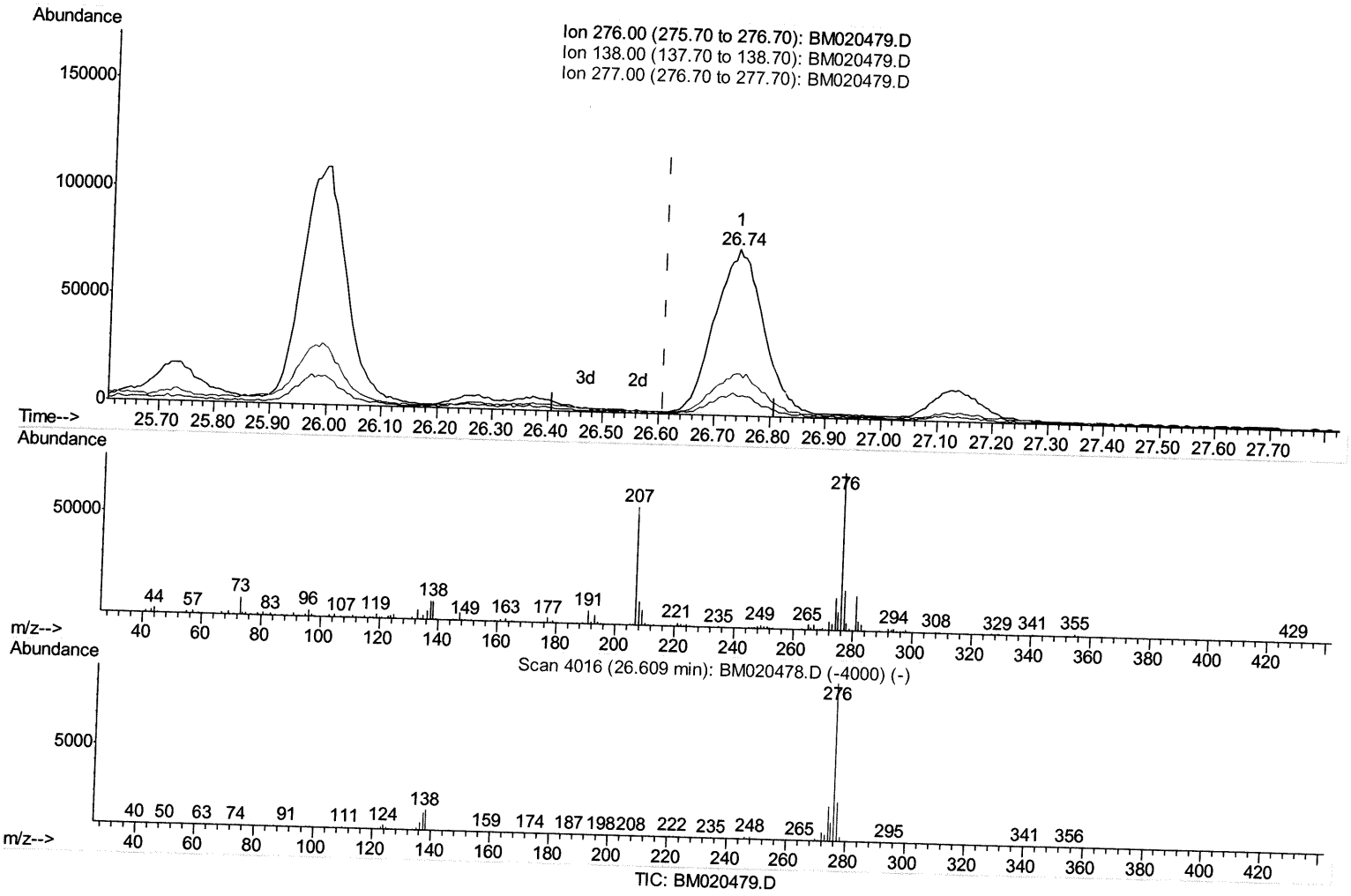
Manual Integrations APPROVED
mohammad
5/23/2019 8:43:33 AM



TIC: BM020479.D

(93) Benzo(g,h,i)perylene

26.738min (+0.129) 19.35ng/ul

response 454600

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	12.29
277.00	22.80	25.38
0.00	0.00	0.00

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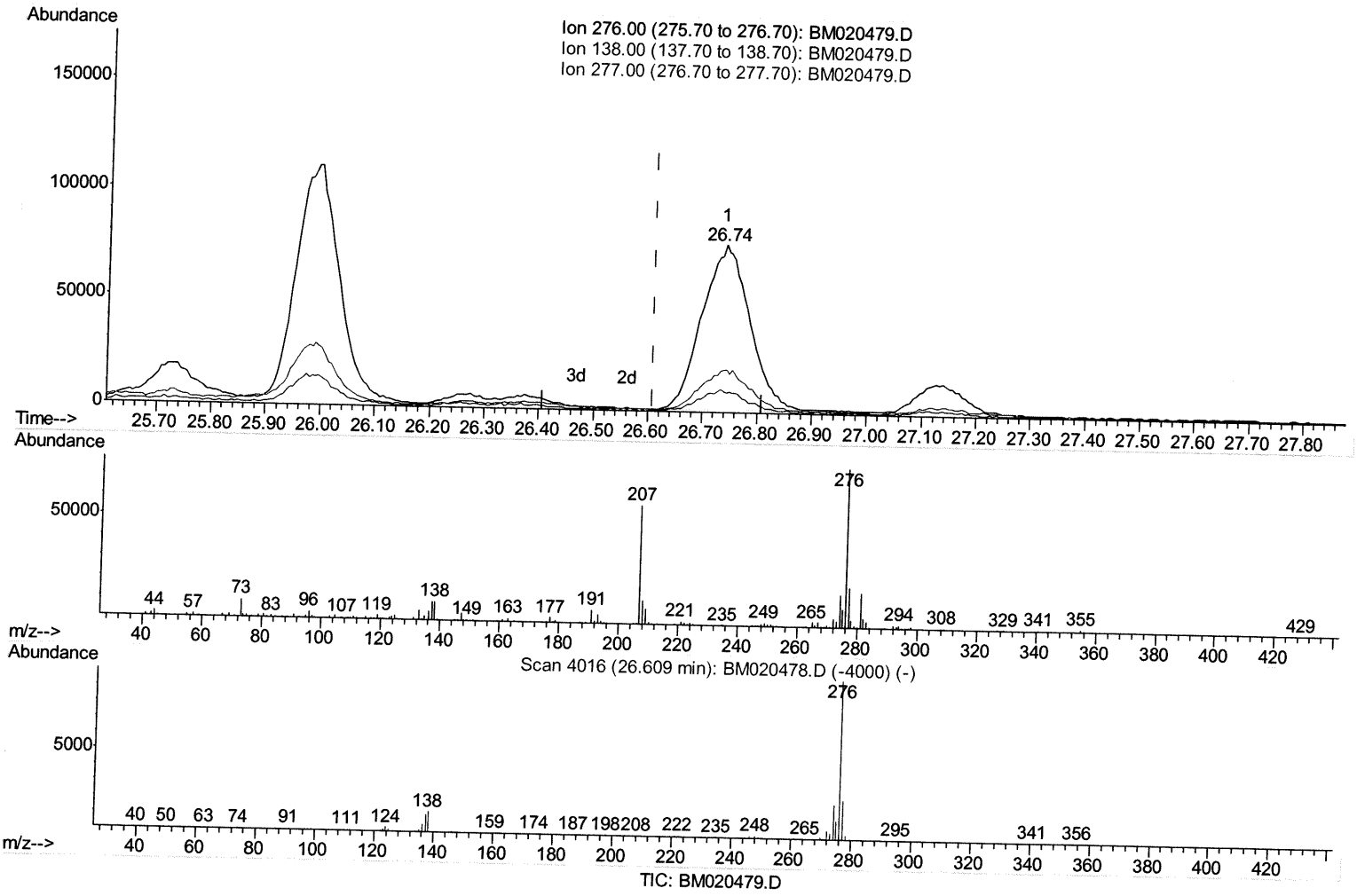
Manual Integrations APPROVED
mohammad
5/23/2019 8:43:33 AM



(93) Benzo(g,h,i)perylene

26.738min (+0.129) 19.90ng/ul m JO 05/24/19

response 467608

Ion	Exp%	Act%
276.00	100	100
138.00	12.50	12.29
277.00	22.80	25.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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5/23/2019 8:43:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	58465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	216192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	133570	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	336646	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	397888	20.00	ng/ul	0.00
85) Perylene-d12	23.62	264	463787	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	5362	3.38	ng/uL	0.00
5) Phenol-d5	6.89	99	72666	15.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	46359	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	58986	17.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	52904	15.58	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	24452	17.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	27603	17.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	57069	17.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	42457	12.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	185126	19.26	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	225332	18.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	11428	8.19	ng/ul	0.00
57) Fluorene-d10	15.37	176	171633	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	18743	9.77	ng/ul	0.00
70) Anthracene-d10	17.22	188	283760	19.65	ng/ul	0.00
78) Pyrene-d10	19.52	212	357401	18.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	410943	19.50	ng/ul	0.03
Target Compounds						Qvalue
28) Naphthalene	10.56	128	11558	1.164	ng/ul	97
44) Dimethylphthalate	13.83	163	58665	6.171	ng/ul	100
49) Acenaphthene	14.43	153	35730	4.585	ng/ul	98
53) Dibenzofuran	14.77	168	33950	2.877	ng/ul	100
58) Fluorene	15.42	166	38596	4.083	ng/ul	99
69) Phenanthrene	17.17	178	1258354	78.449	ng/ul	99
71) Anthracene	17.26	178	202740	12.425	ng/ul	99
74) Carbazole	17.53	167	131006	9.459	ng/ul	99
76) Fluoranthene	19.19	202	2308812	113.947	ng/ul	99
79) Pyrene	19.56	202	1825015	76.418	ng/ul	99
82) Benzo(a)anthracene	21.30	228	949702	39.657	ng/ul	97
84) Chrysene	21.36	228	786018	34.345	ng/ul	96
87) Benzo(b)fluoranthene	22.92	252	1252056	47.302	ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	397590m	15.292	ng/ul	99
90) Benzo(a)pyrene	23.52	252	779370	31.287	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.99	276	577405	20.342	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.99	278	99404m	4.095	ng/ul	99
93) Benzo(g,h,i)perylene	26.74	276	467608m	19.902	ng/ul	99

→ JU 05/24/19
→ JU 05/24/19
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(#) = qualifier out of range (m) = manual integration (+) = signals summed