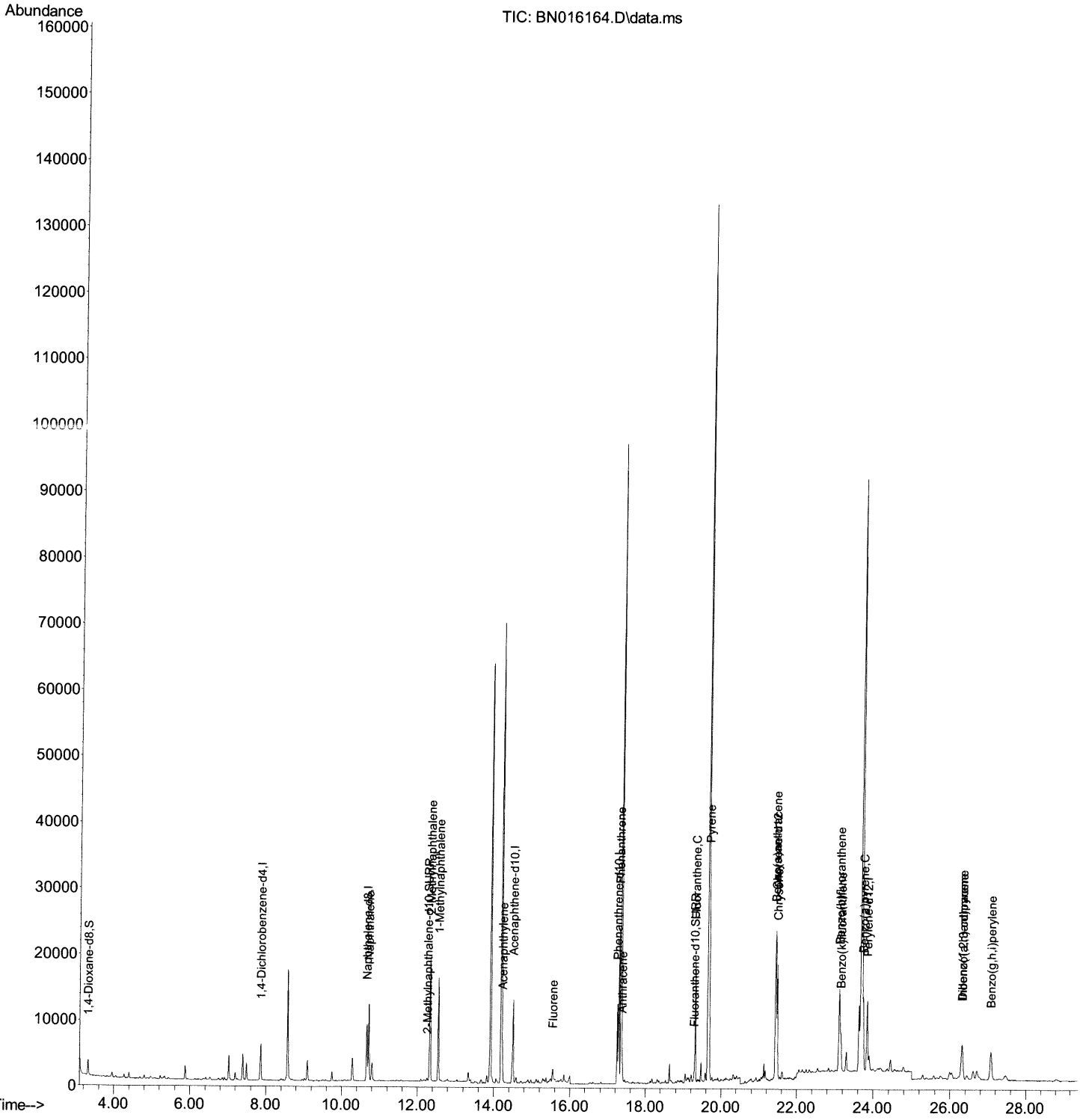
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016164.D
Acq On : 03 Sep 2021 08:01
Operator : CG/JU
Sample : M3472-02DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 03 08:51:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 02 13:32:21 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC0DL

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:20 AM



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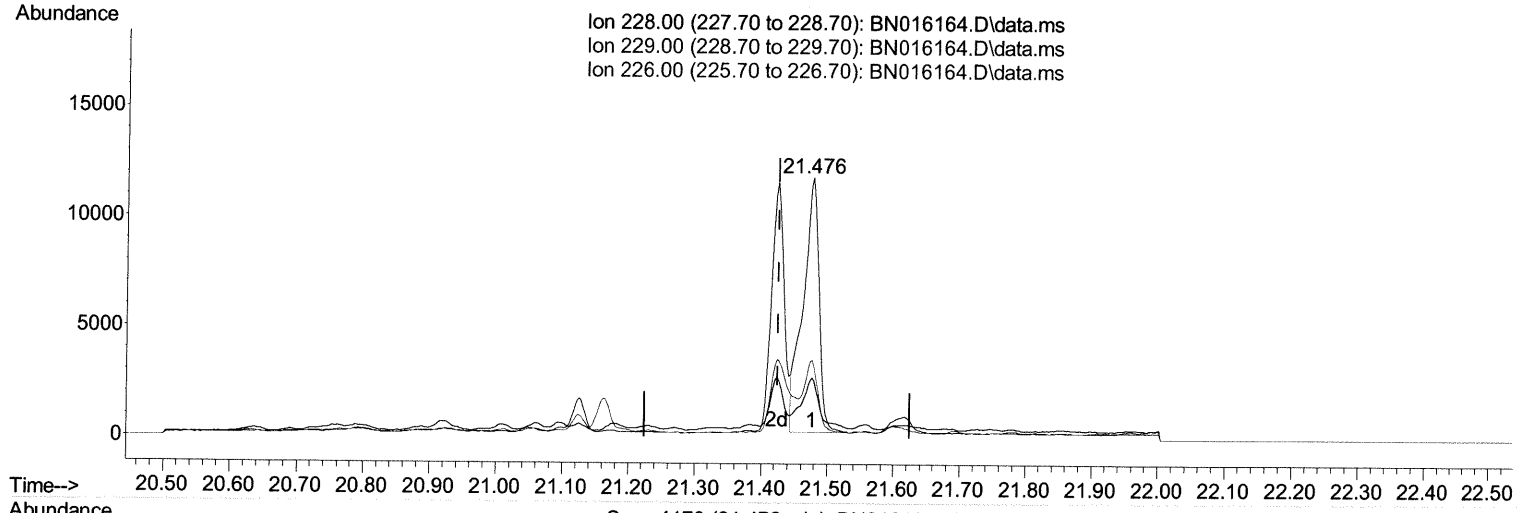

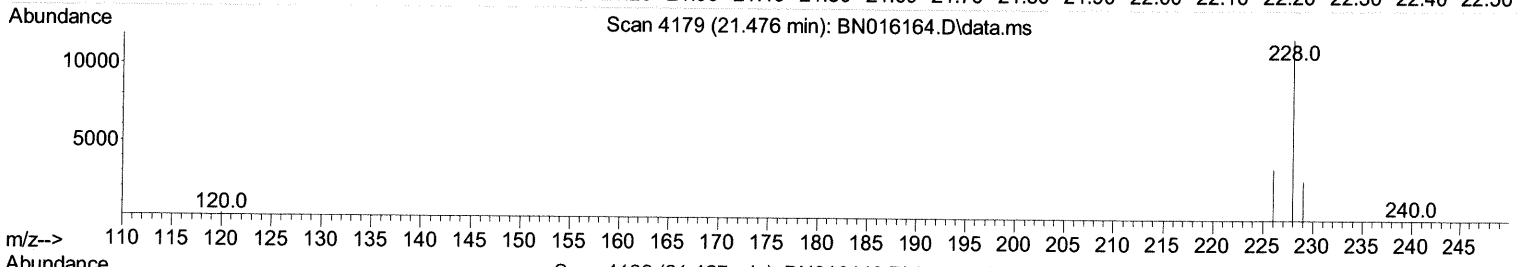

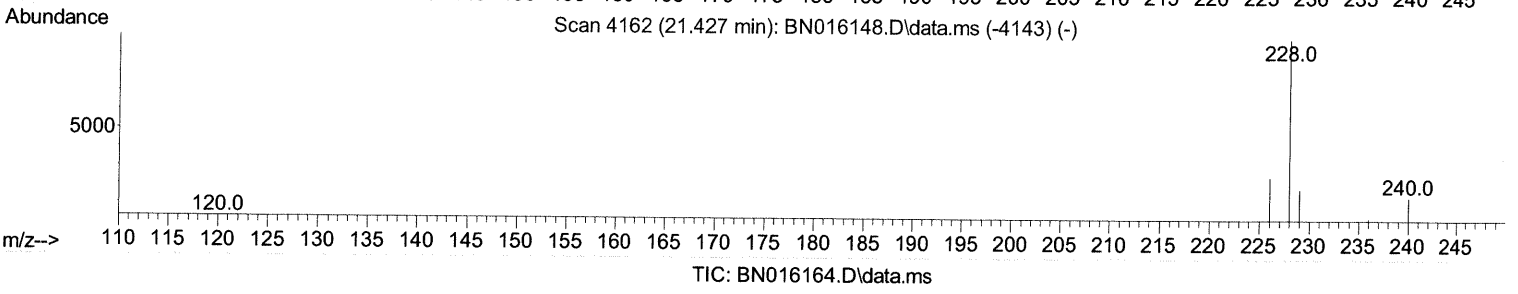

(21) Benzo(a)anthracene

21.476min (+ 0.052) 0.41 ng/ul

response 19460

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.91
226.00	26.00	29.83
0.00	0.00	0.00

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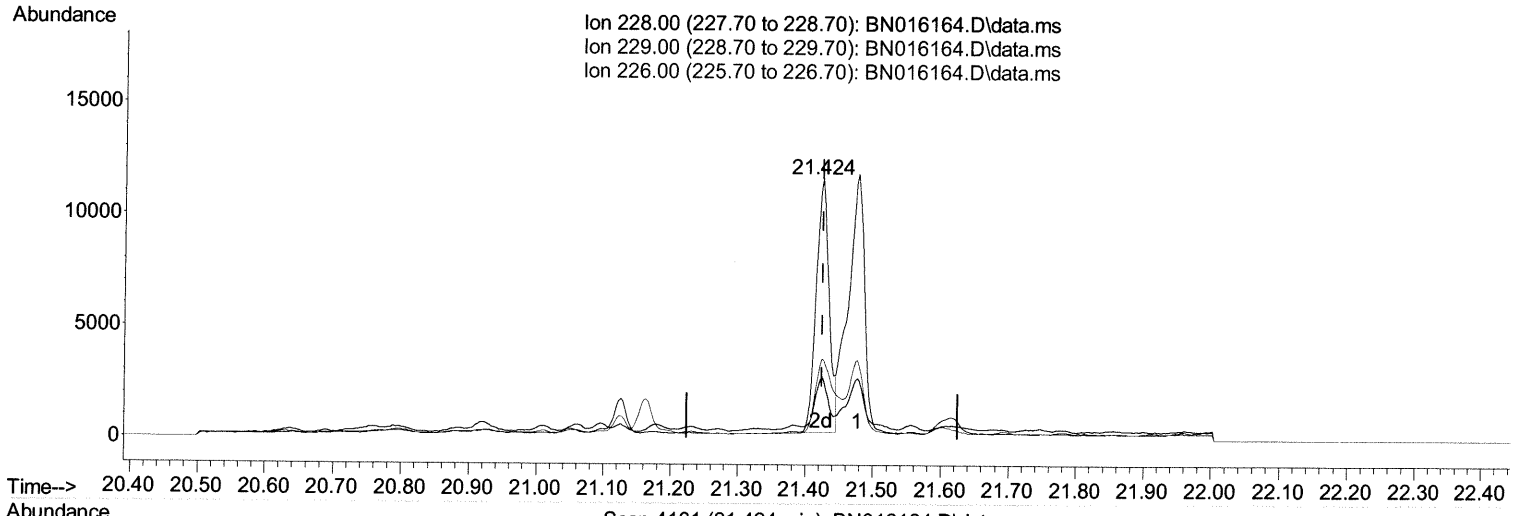
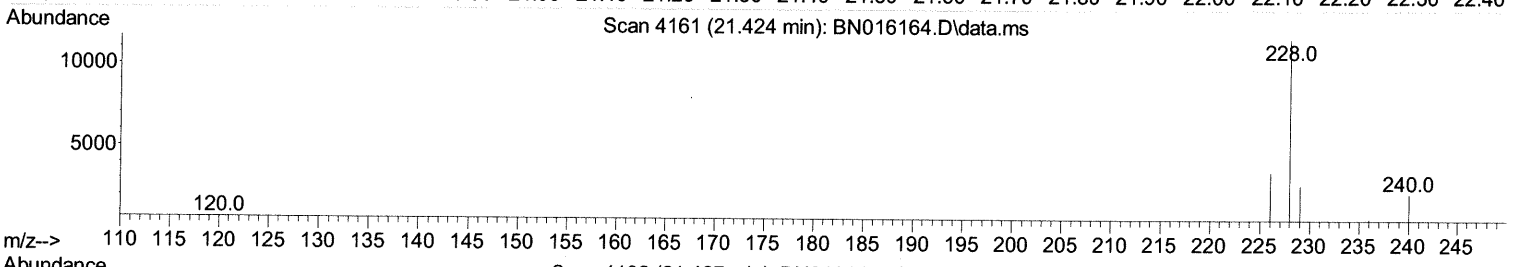
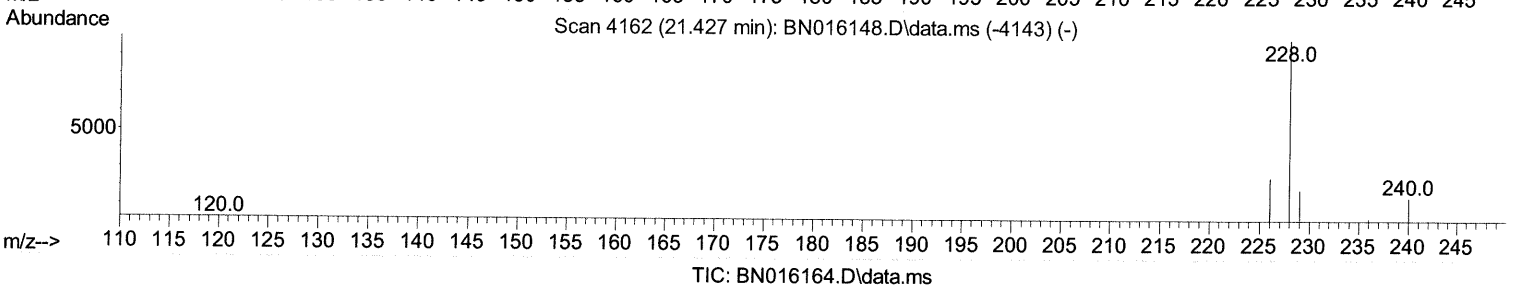
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:20 AM







TIC: BN016164.D\data.ms

(21) Benzo(a)anthracene

21.424min (-0.001) 0.32 ng/ul m

JU 9/8/21

response 15142

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	23.91#
226.00	26.00	30.70
0.00	0.00	0.00

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Manual Integrations APPROVED
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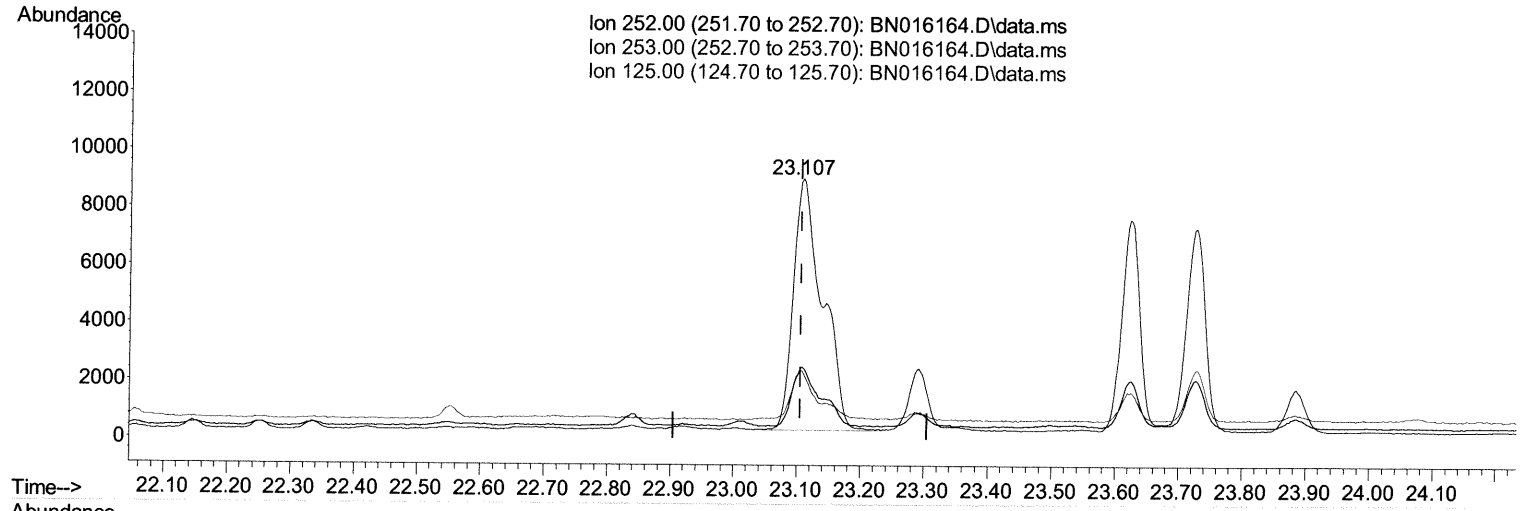

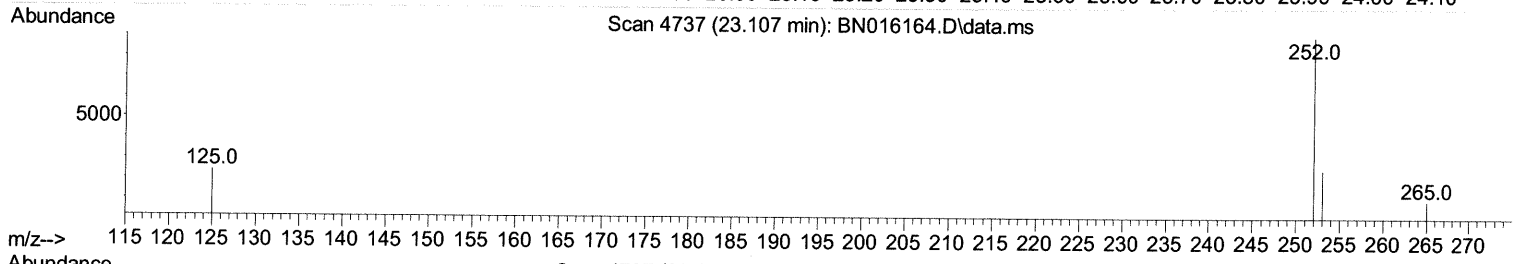

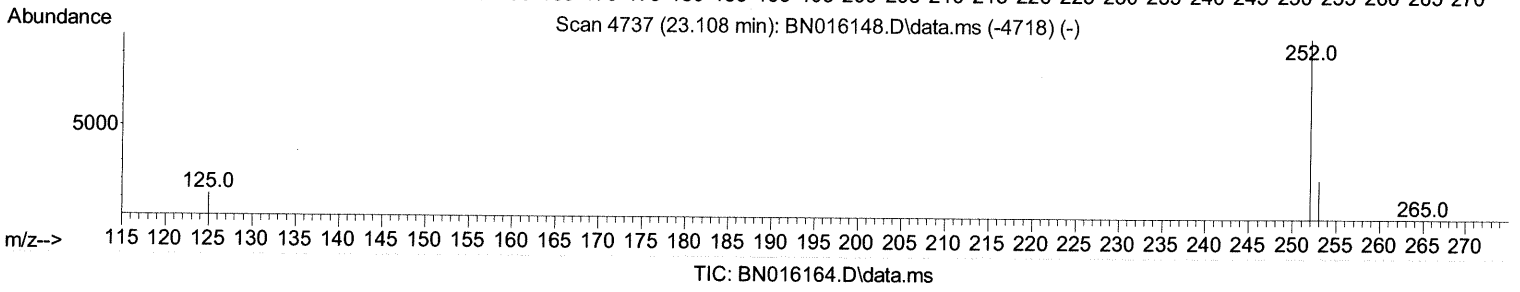

TIC: BN016164.D\data.ms

(24) Benzo(b)fluoranthene

23.107min (+ 0.002) 0.49 ng/ul

response 27775

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	27.77
125.00	13.50	26.31
0.00	0.00	0.00

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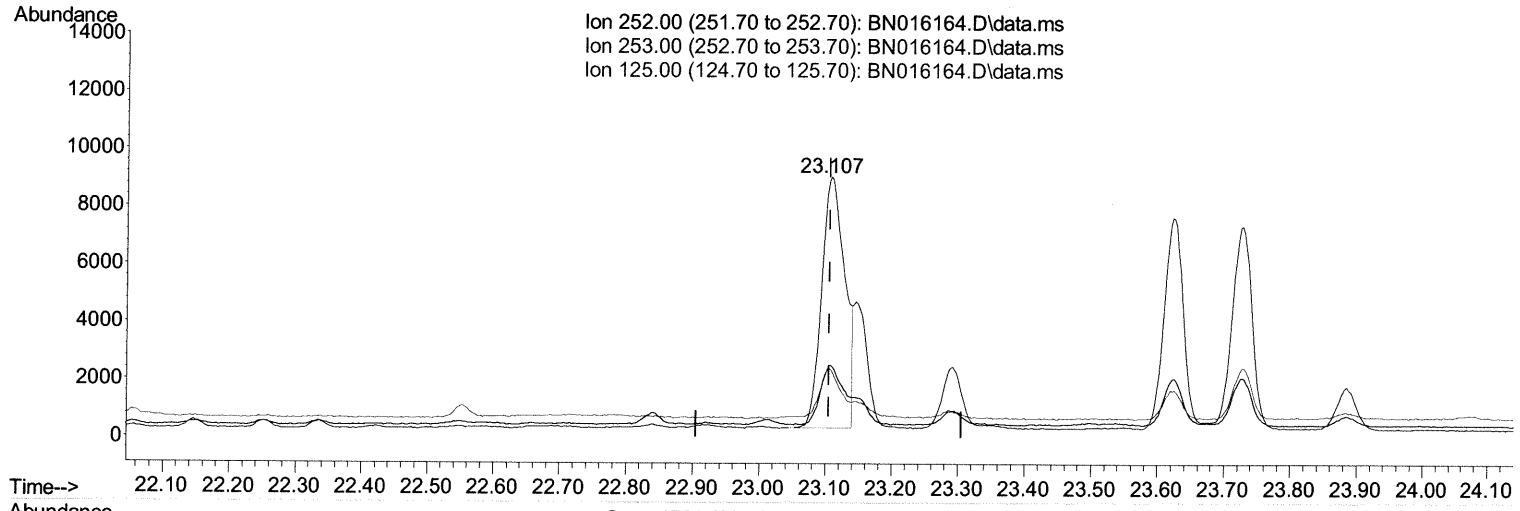
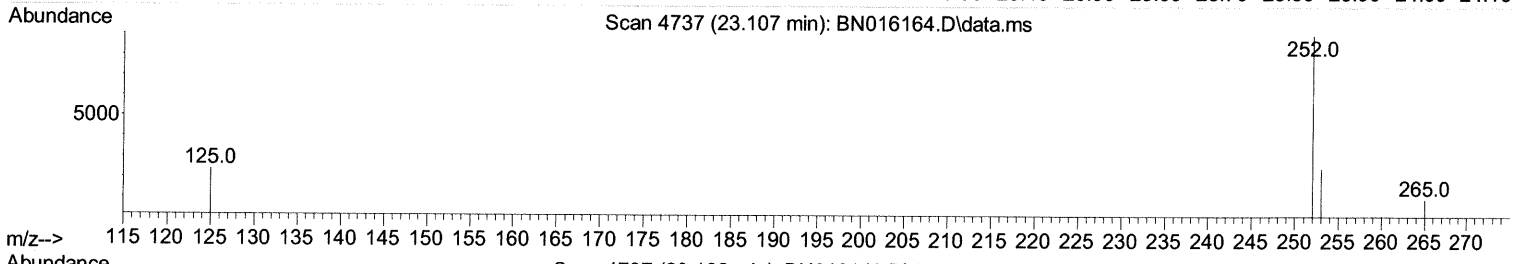
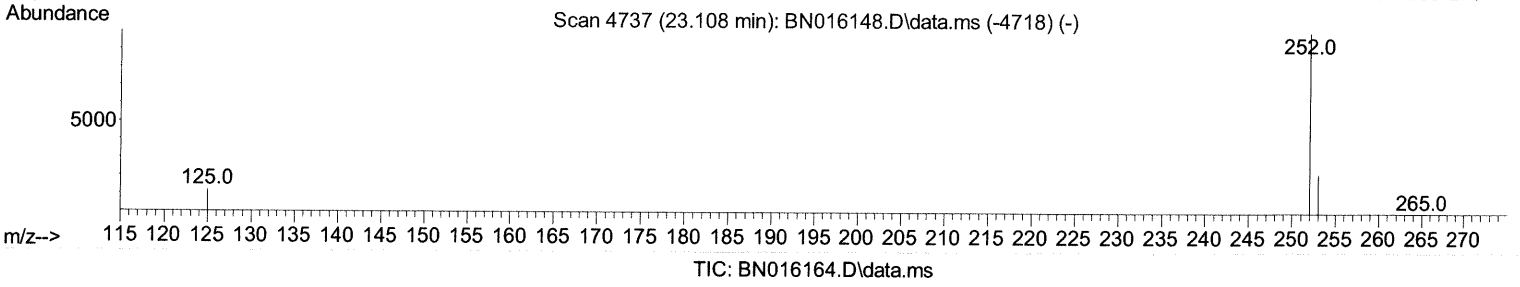
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:20 AM







TIC: BN016164.D\data.ms

(24) Benzo(b)fluoranthene

23.107min (+ 0.002) 0.37 ng/ul m JG 9/8/21

response 21270

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	27.77
125.00	13.50	26.31
0.00	0.00	0.00

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Misc :
ALS Vial : 32 Sample Multiplier: 1

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Manual Integrations APPROVED
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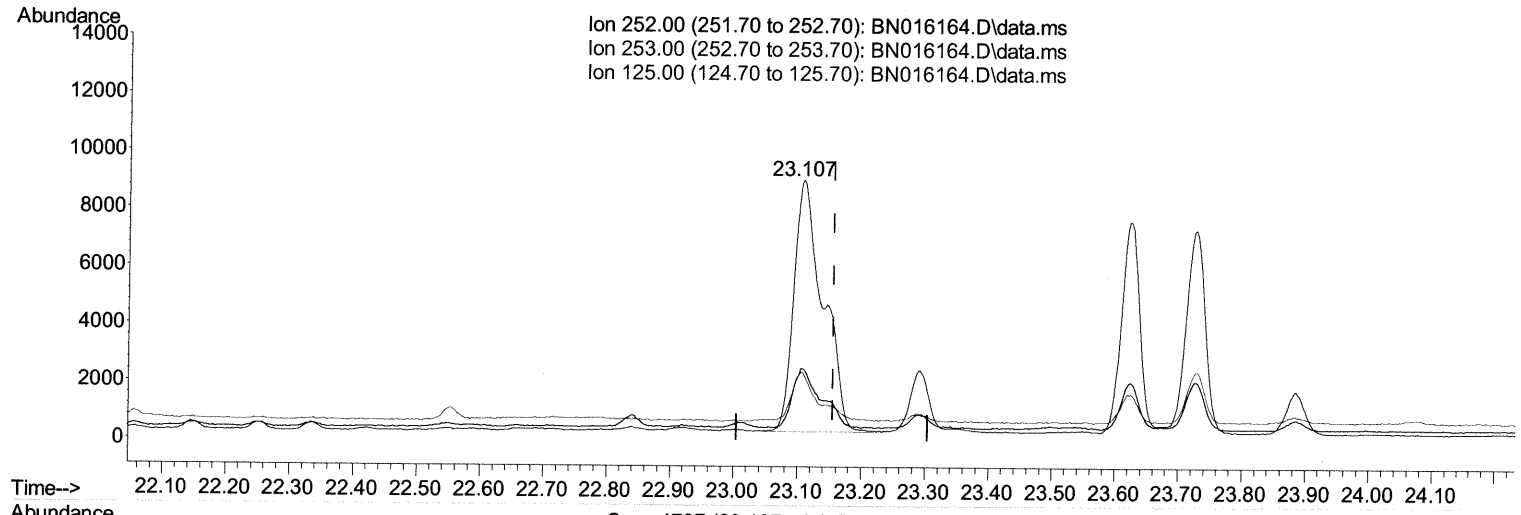

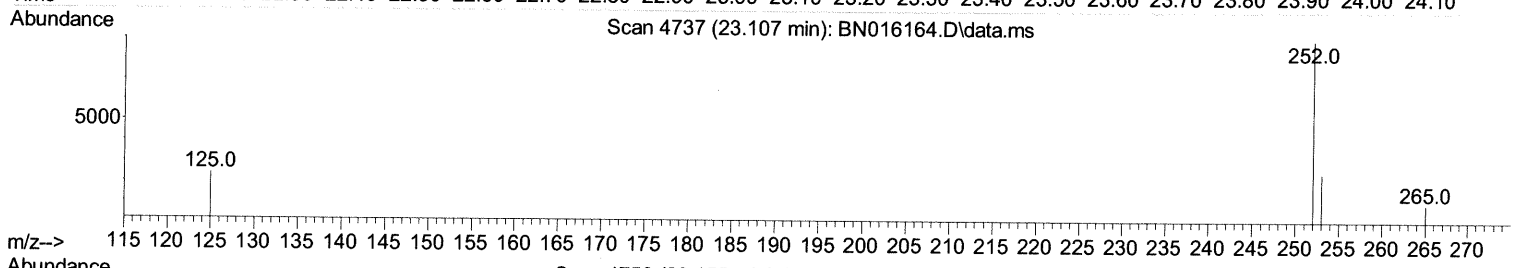

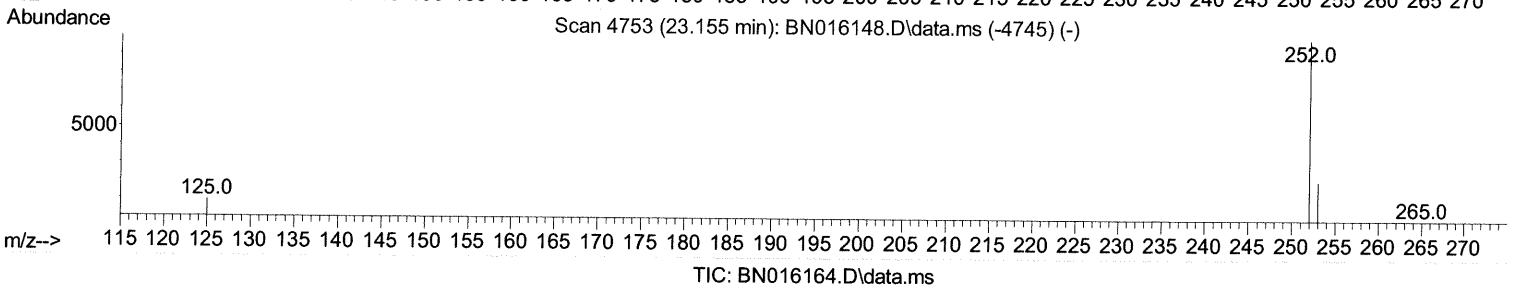

TIC: BN016164.D\data.ms

(25) Benzo(k)fluoranthene

23.107min (-0.048) 0.48 ng/ul

response 27775

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	27.77
125.00	13.60	26.31#
0.00	0.00	0.00

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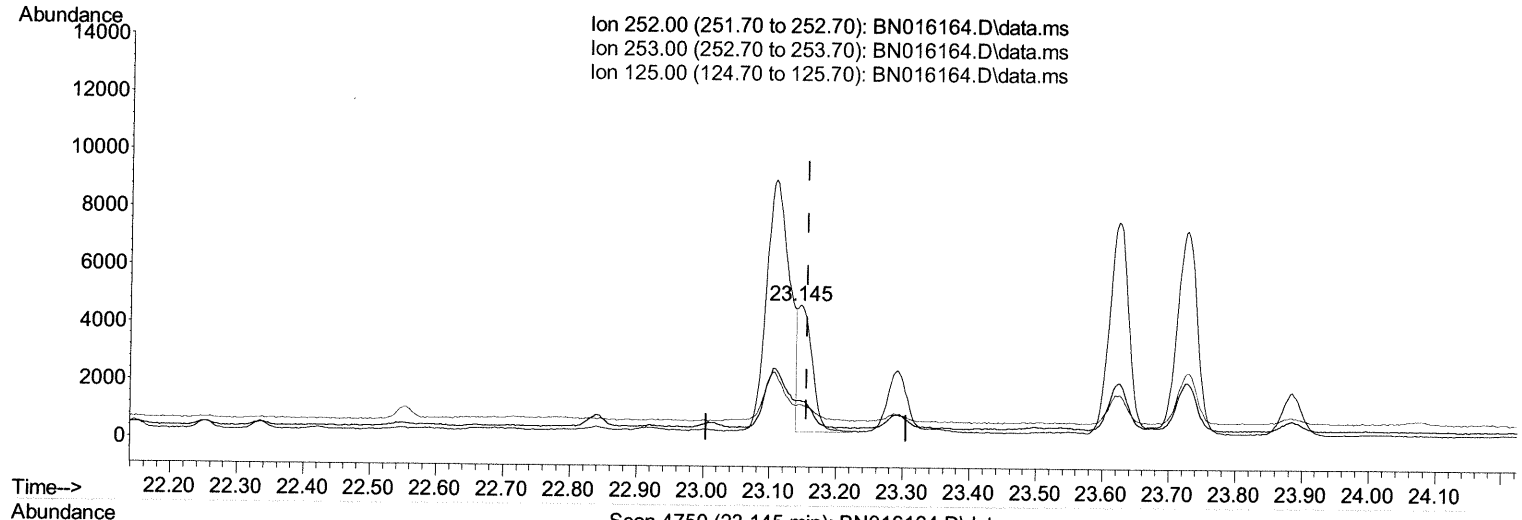
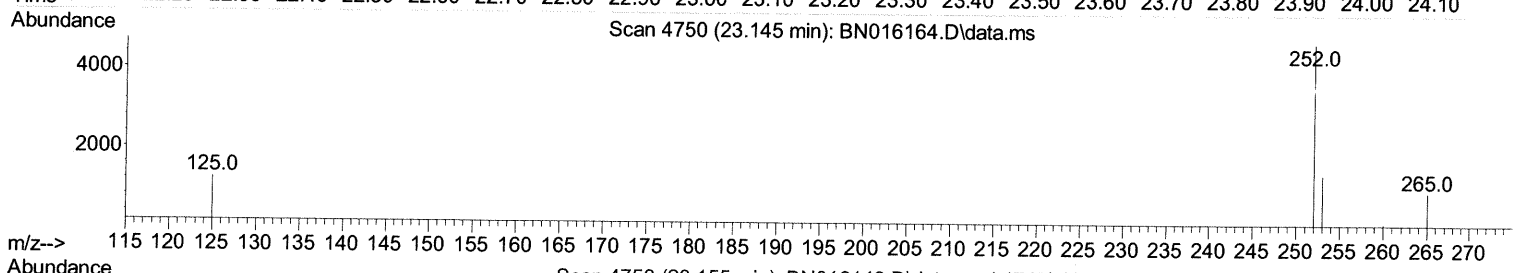
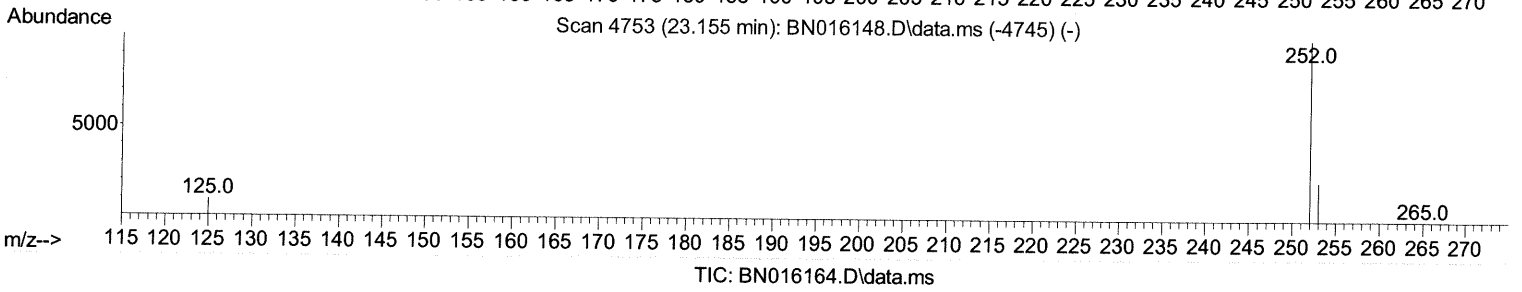
mohammad
9/7/2021 11:32:20 AM







TIC: BN016164.D\data.ms

(25) Benzo(k)fluoranthene

23.145min (-0.010) 0.11 ng/ul m

response 6508

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	29.89#
125.00	13.60	26.33#
0.00	0.00	0.00

9/9/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	12089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.502	164	7369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	15098	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	15523	0.400	ng/ul	0.00
23) Perylene-d12	23.832	264	15204	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	1755	0.510	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	642	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	1866	0.045	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.710	128	16765	0.521	ng/ul	100
7) 2-Methylnaphthalene	12.327	142	14389	0.685	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	11786	0.562	ng/ul	100
10) Acenaphthylene	14.220	152	5025	0.180	ng/ul#	94
12) Fluorene	15.553	166	975	0.037	ng/ul#	79
15) Phenanthrene	17.294	178	26641	0.612	ng/ul	99
16) Anthracene	17.382	178	3320	0.088	ng/ul	95
19) Fluoranthene	19.309	202	15633	0.302	ng/ul	99
20) Pyrene	19.672	202	23622	0.451	ng/ul	97
21) Benzo(a)anthracene	21.424	228	15142m	0.319	ng/ul	
22) Chrysene	21.476	228	19460	0.363	ng/ul	96
24) Benzo(b)fluoranthene	23.107	252	21270m	0.372	ng/ul	
25) Benzo(k)fluoranthene	23.145	252	6508m	0.113	ng/ul	
26) Benzo(a)pyrene	23.727	252	14920	0.307	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.309	276	8844	0.141	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.316	278	3085	0.060	ng/ul#	49
29) Benzo(g,h,i)perylene	27.070	276	9879	0.181	ng/ul	92

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