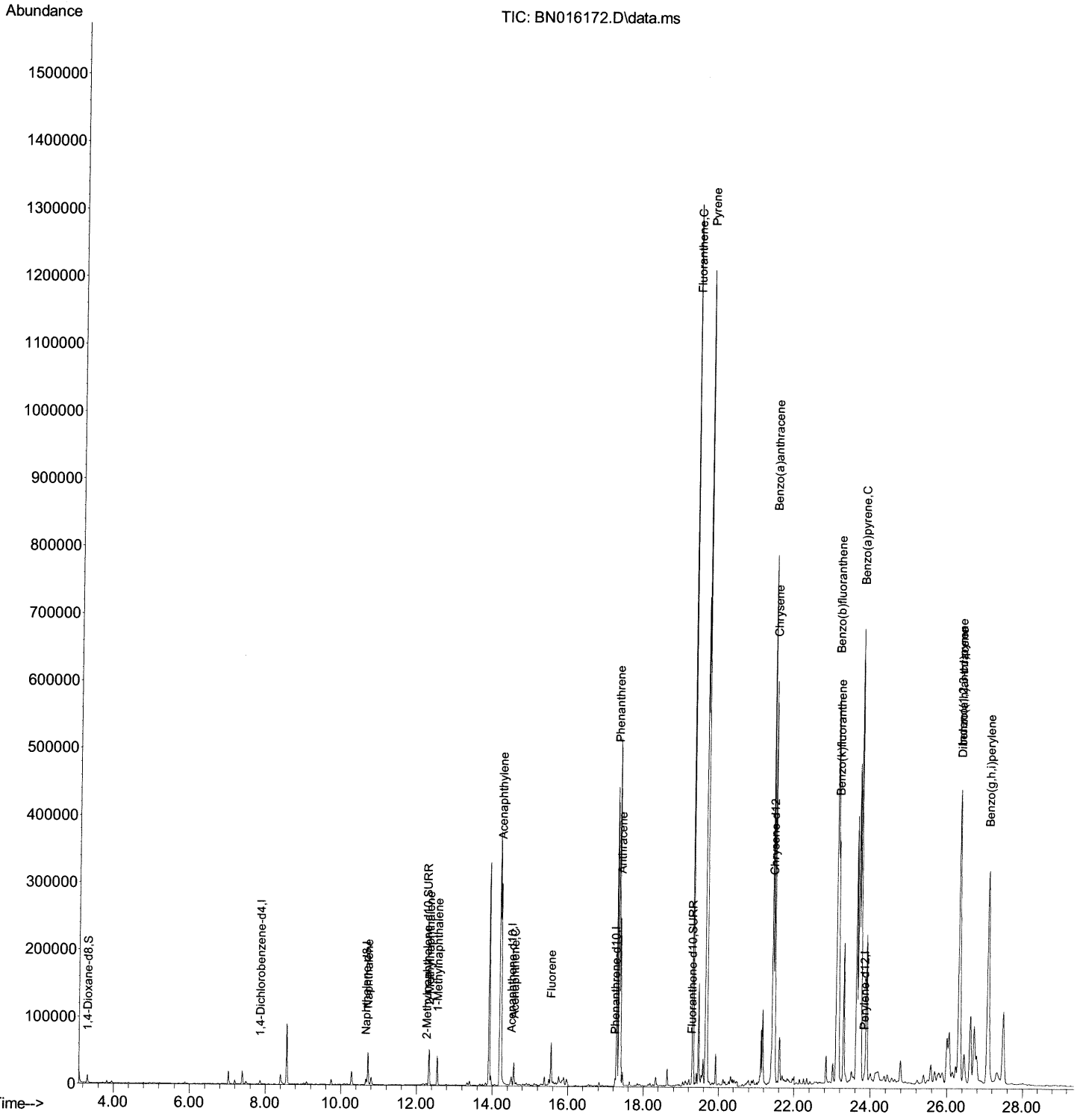
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016172.D
Acq On : 03 Sep 2021 12:51
Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Sep 03 13:41:46 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 :
C0AC2

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:35 AM



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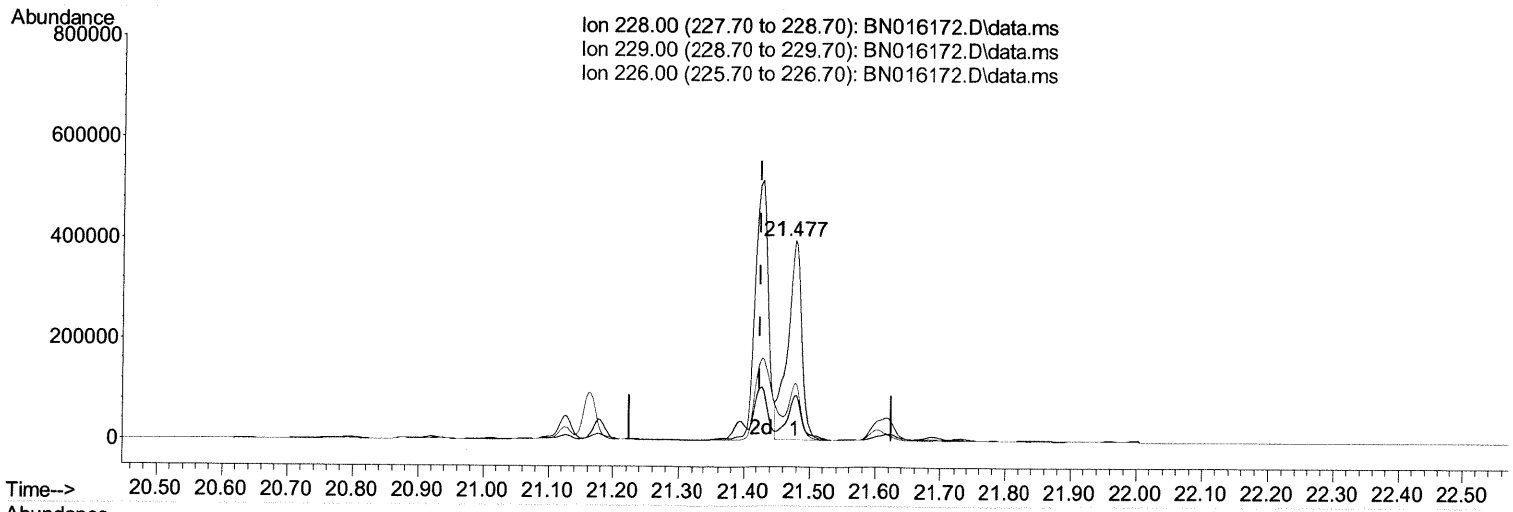

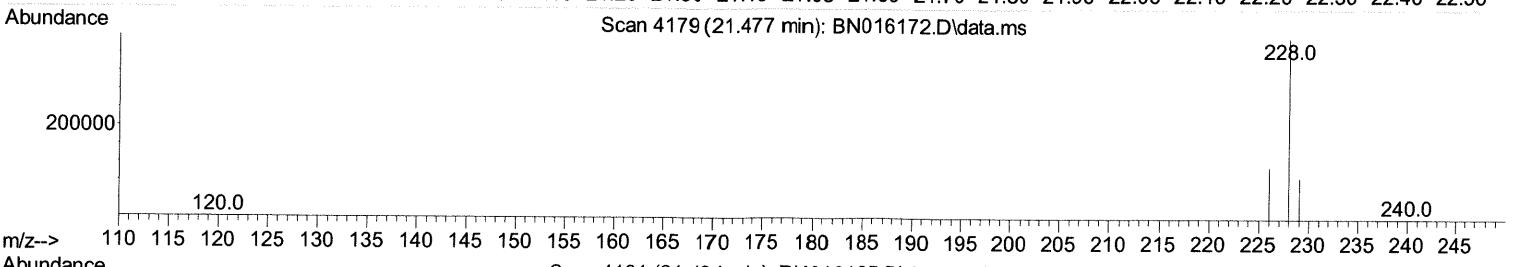

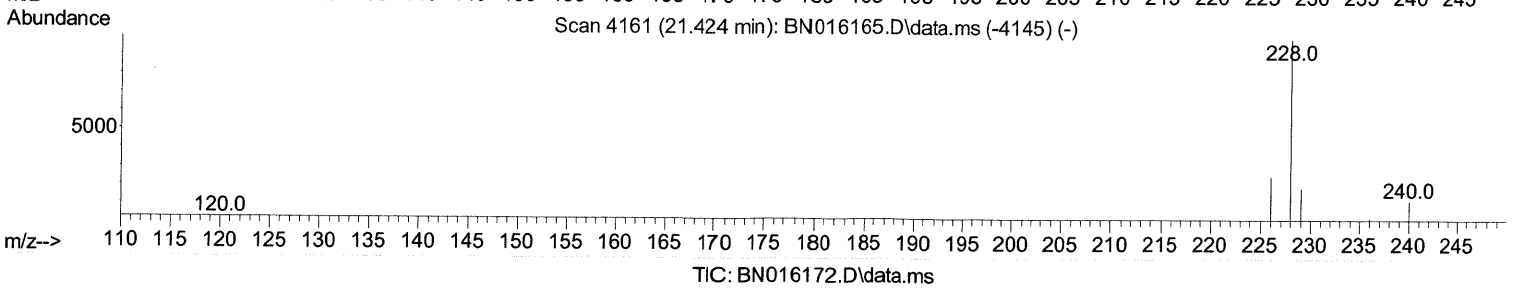

(21) Benzo(a)anthracene

21.477min (+ 0.052) 15.26 ng/ul

response 618631

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.70
226.00	26.00	28.82
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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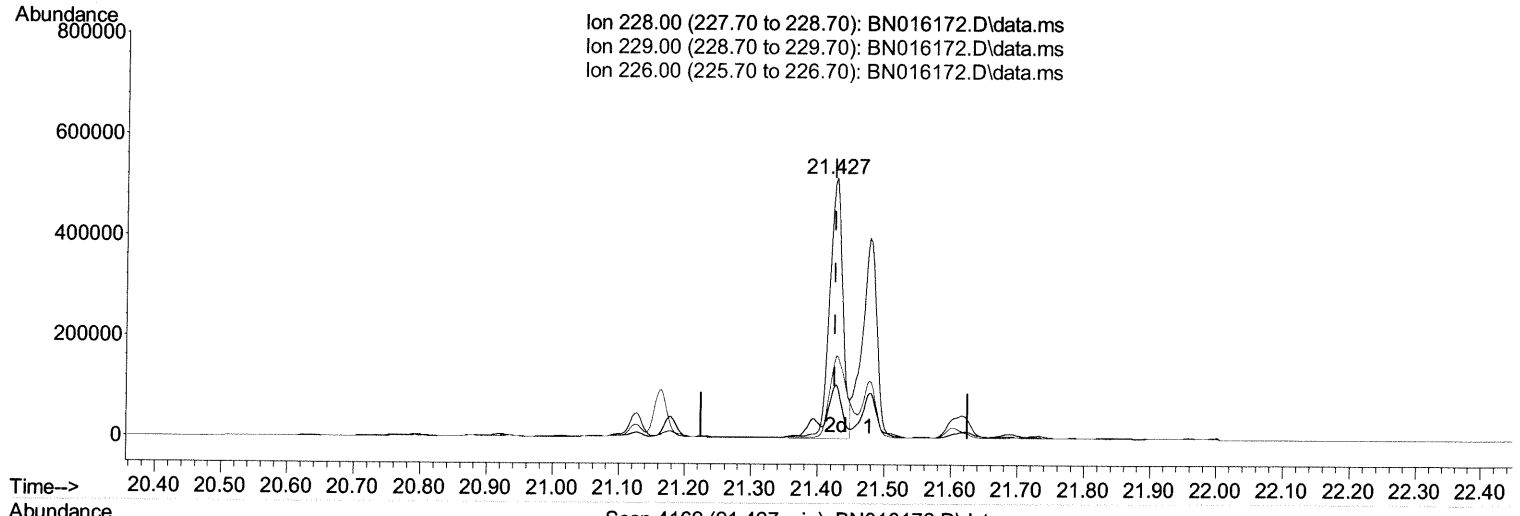

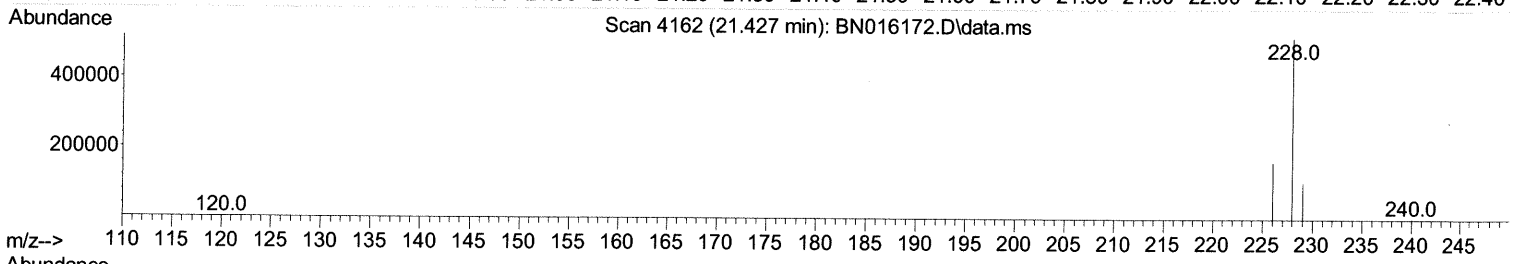

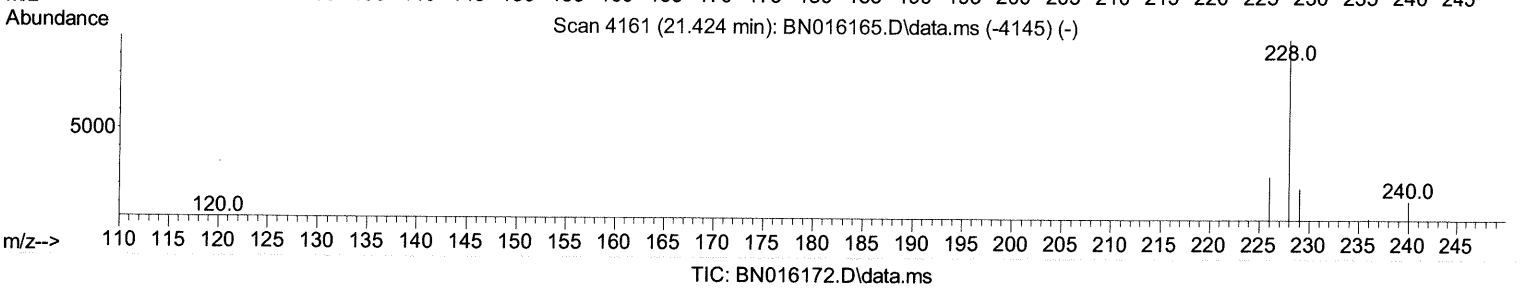

(21) Benzo(a)anthracene

21.427min (+ 0.003) 17.68 ng/ul m

JH 9/8/21

response 716875

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	20.59
226.00	26.00	31.71#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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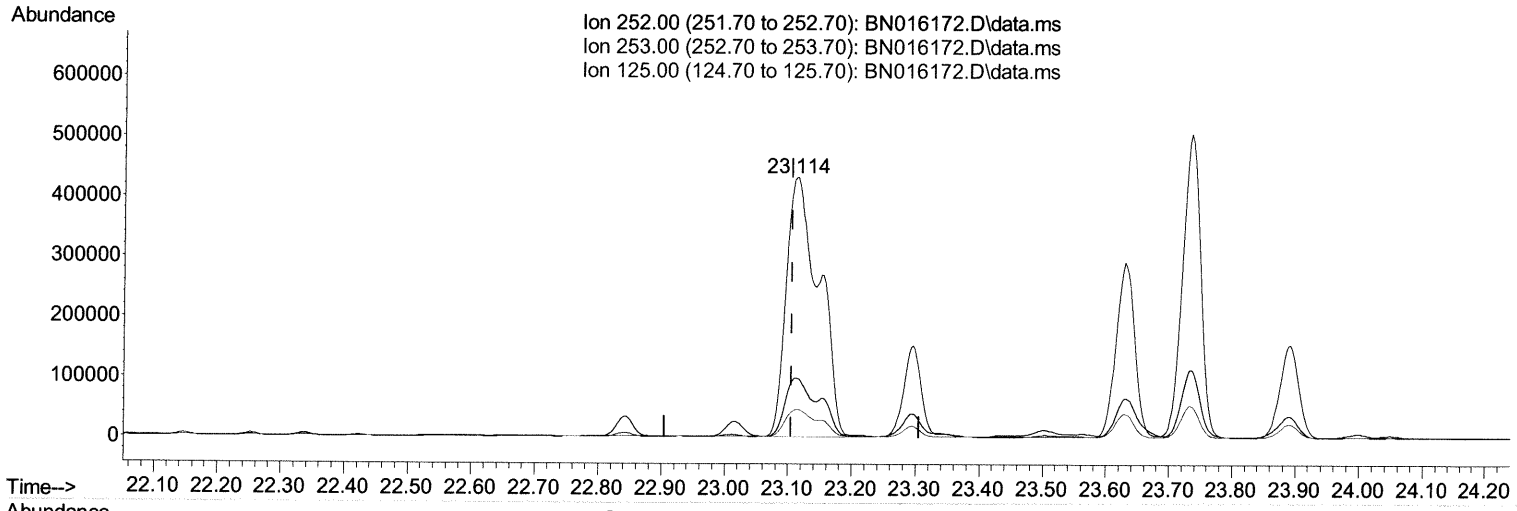

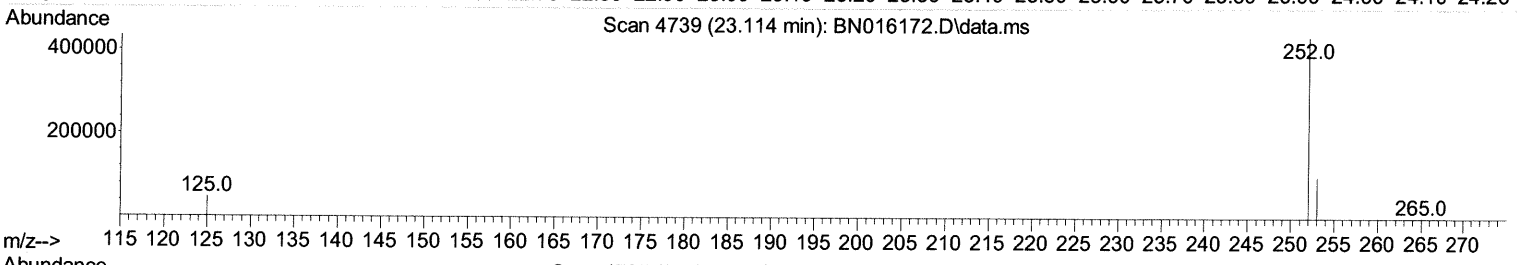

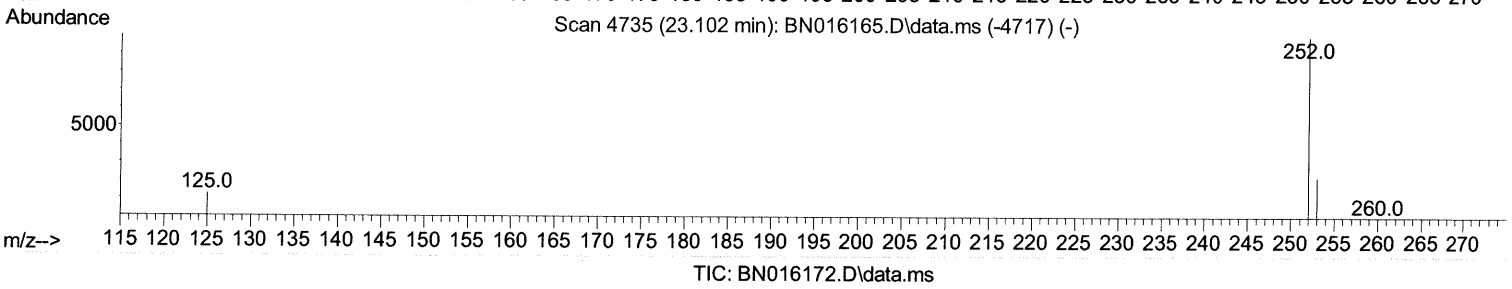

TIC: BN016172.D\data.ms

(24) Benzo(b)fluoranthene

23.114min (+ 0.009) 27.58 ng/ul

response 1546243

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	22.87
125.00	13.50	10.79
0.00	0.00	0.00

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Operator : CG/JU
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Misc :
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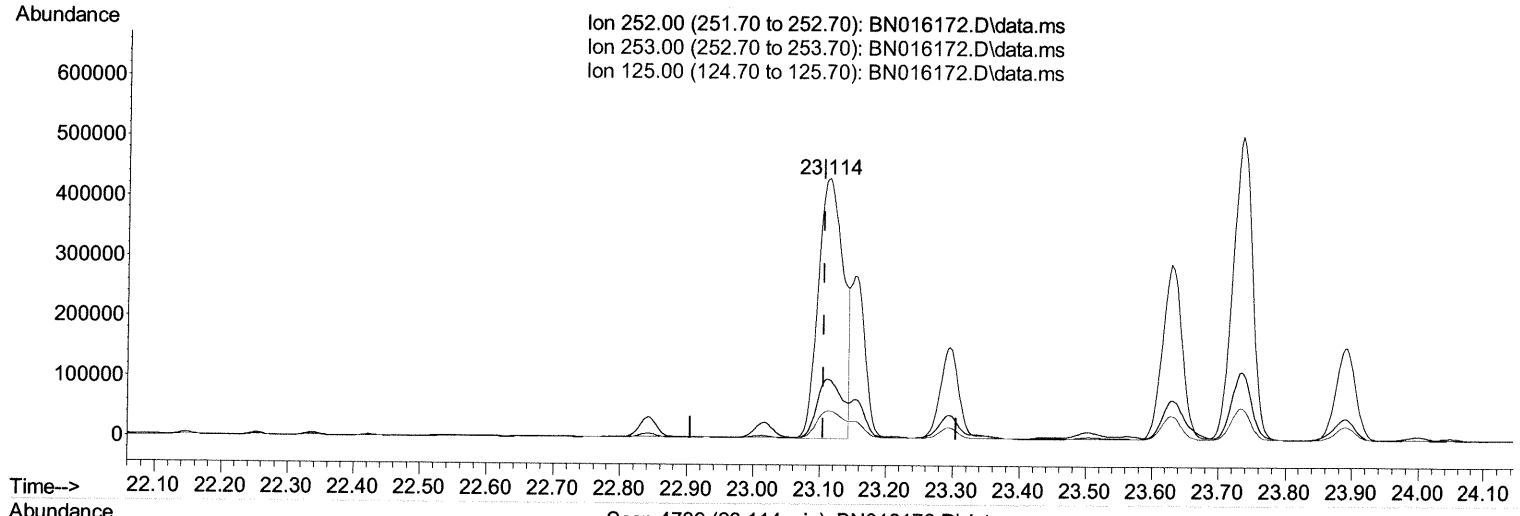
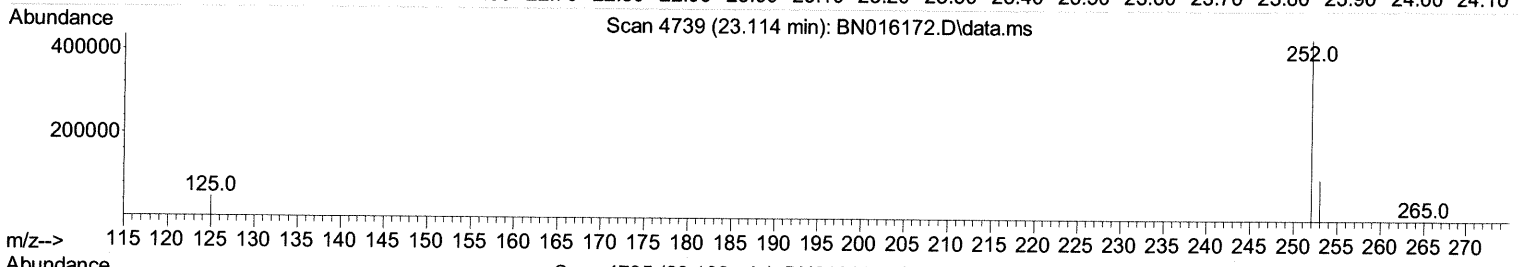
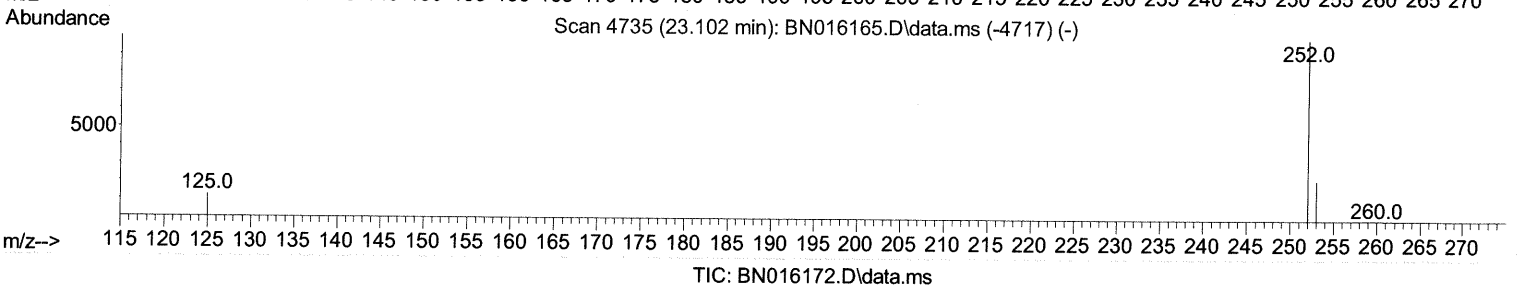
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:35 AM







TIC: BN016172.D\data.ms

(24) Benzo(b)fluoranthene

23.114min (+ 0.009) 20.37 ng/ul m

response 1141812

JH 9/8/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	22.87
125.00	13.50	10.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : M3472-04
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Sep 03 13:41:46 2021
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BNA_N
ClientSampleId :
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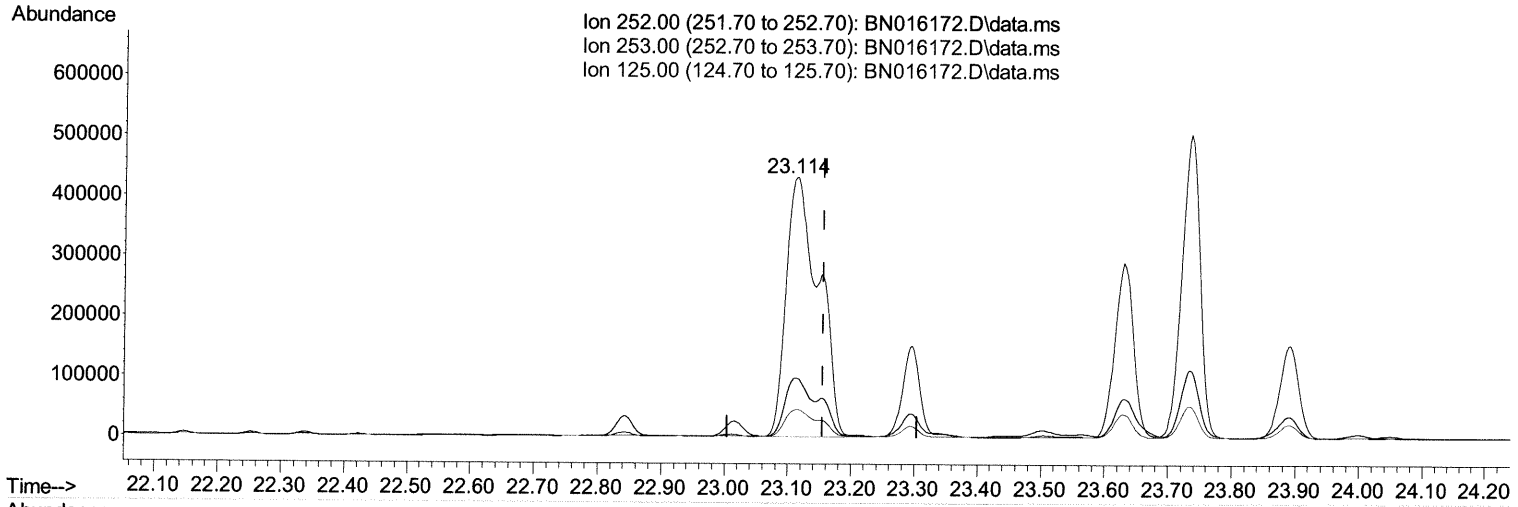
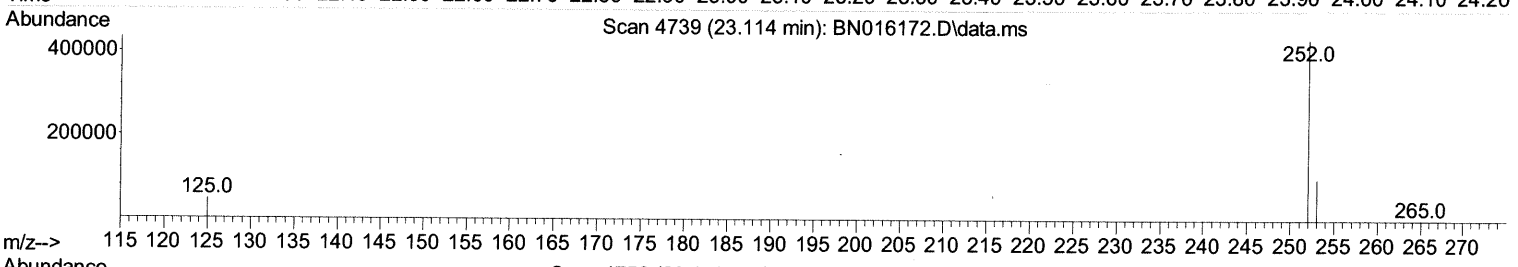
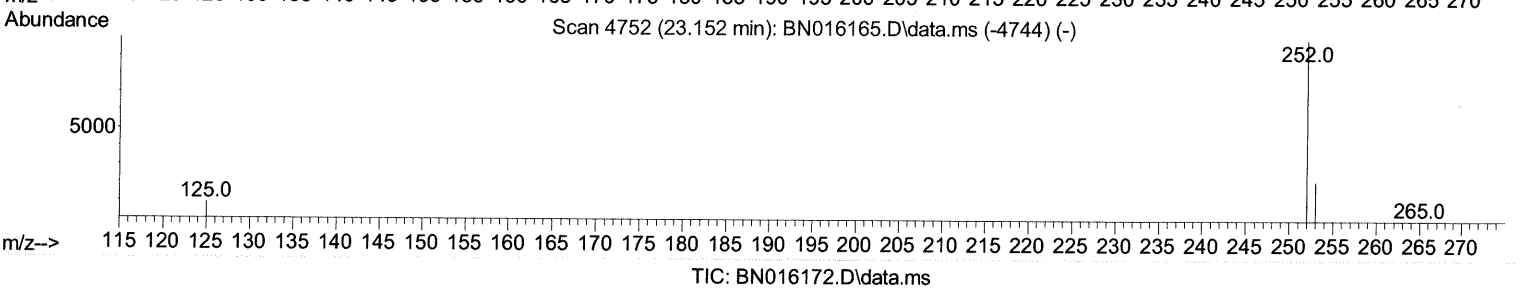
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:35 AM







TIC: BN016172.D\data.ms

(25) Benzo(k)fluoranthene

23.114min (-0.041) 27.42 ng/ul

response 1546243

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	22.87
125.00	13.60	10.79#
0.00	0.00	0.00

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Misc :
ALS Vial : 41 Sample Multiplier: 1

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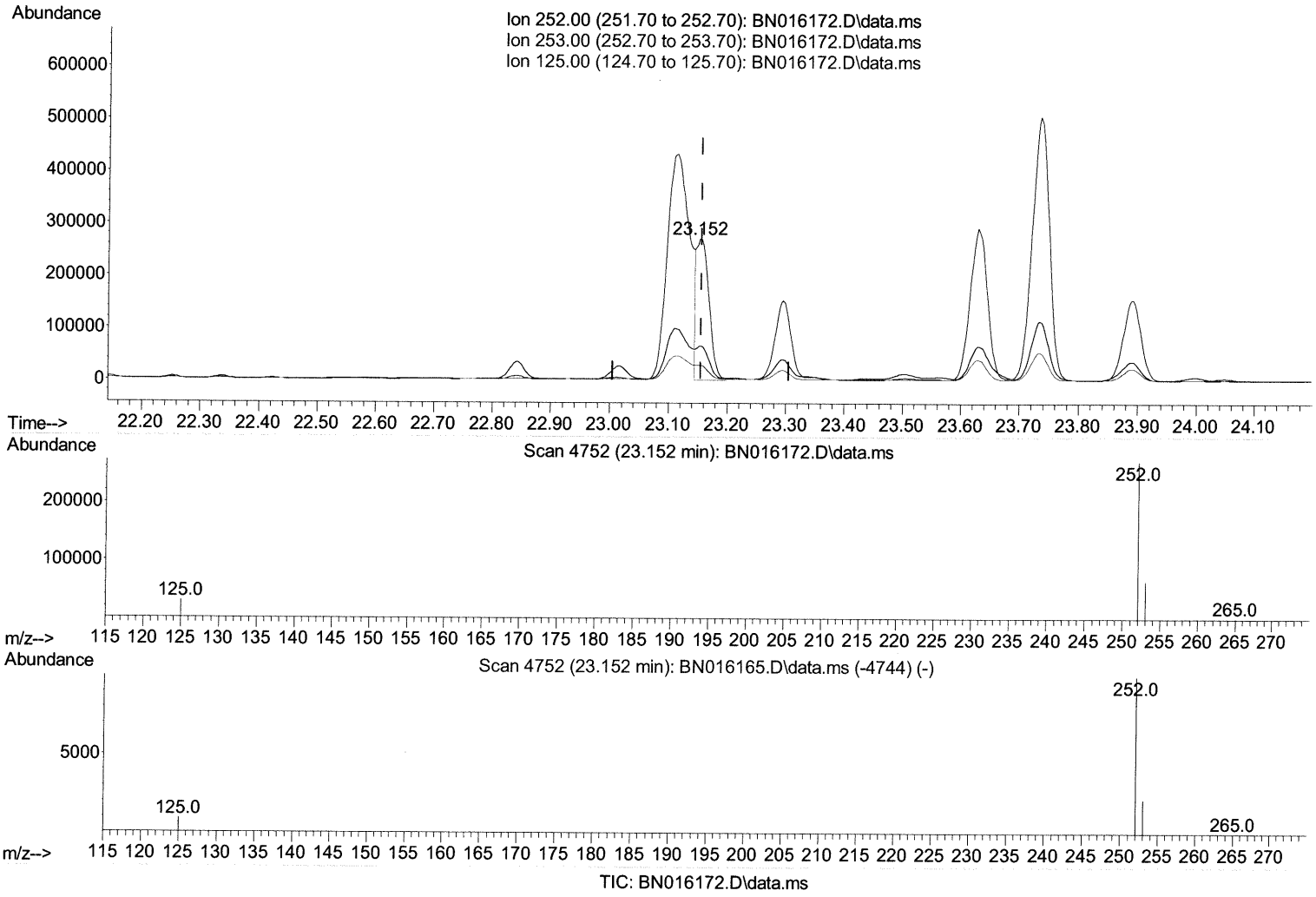
BNA_N
ClientSampleId :
C0AC2

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:35 AM



(25) Benzo(k)fluoranthene

23.152min (-0.003) 7.24 ng/ul m

9/8/21

response 408445

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	24.26
125.00	13.60	10.91
0.00	0.00	0.00

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ClientSampleId : C0AC2

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:35 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2744	0.400	ng/ul	0.00
4) Naphthalene-d8	10.661	136	11384	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.501	164	6969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.250	188	13994	0.400	ng/ul	0.00
17) Chrysene-d12	21.442	240	13259	0.400	ng/ul	# 0.00
23) Perylene-d12	23.836	264	14899	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	8306	2.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3248	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.280	212	9320	0.262	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.710	128	68885	2.273	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	40168	2.031	ng/ul	100
8) 1-Methylnaphthalene	12.547	142	31561	1.599	ng/ul	99
10) Acenaphthylene	14.224	152	375976	14.262	ng/ul	98
11) Acenaphthene	14.566	153	21459	0.973	ng/ul	98
12) Fluorene	15.552	166	44482	1.761	ng/ul	99
15) Phenanthrene	17.293	178	492673	12.216	ng/ul	98
16) Anthracene	17.386	178	276759	7.944	ng/ul	97
19) Fluoranthene	19.313	202	1165962	26.401	ng/ul	98
20) Pyrene	19.675	202	1046616	23.396	ng/ul	95
21) Benzo(a)anthracene	21.427	228	716875m	17.680	ng/ul	97
22) Chrysene	21.477	228	616240	13.452	ng/ul	97
24) Benzo(b)fluoranthene	23.114	252	1141812m	20.368	ng/ul	93
25) Benzo(k)fluoranthene	23.152	252	408445m	7.243	ng/ul	93
26) Benzo(a)pyrene	23.734	252	1025814	21.573	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.320	276	799189	13.007	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.327	278	179871	3.552	ng/ul	97
29) Benzo(g,h,i)perylene	27.085	276	763794	14.320	ng/ul	97

JU 9/8/21

JU 9/8/21

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