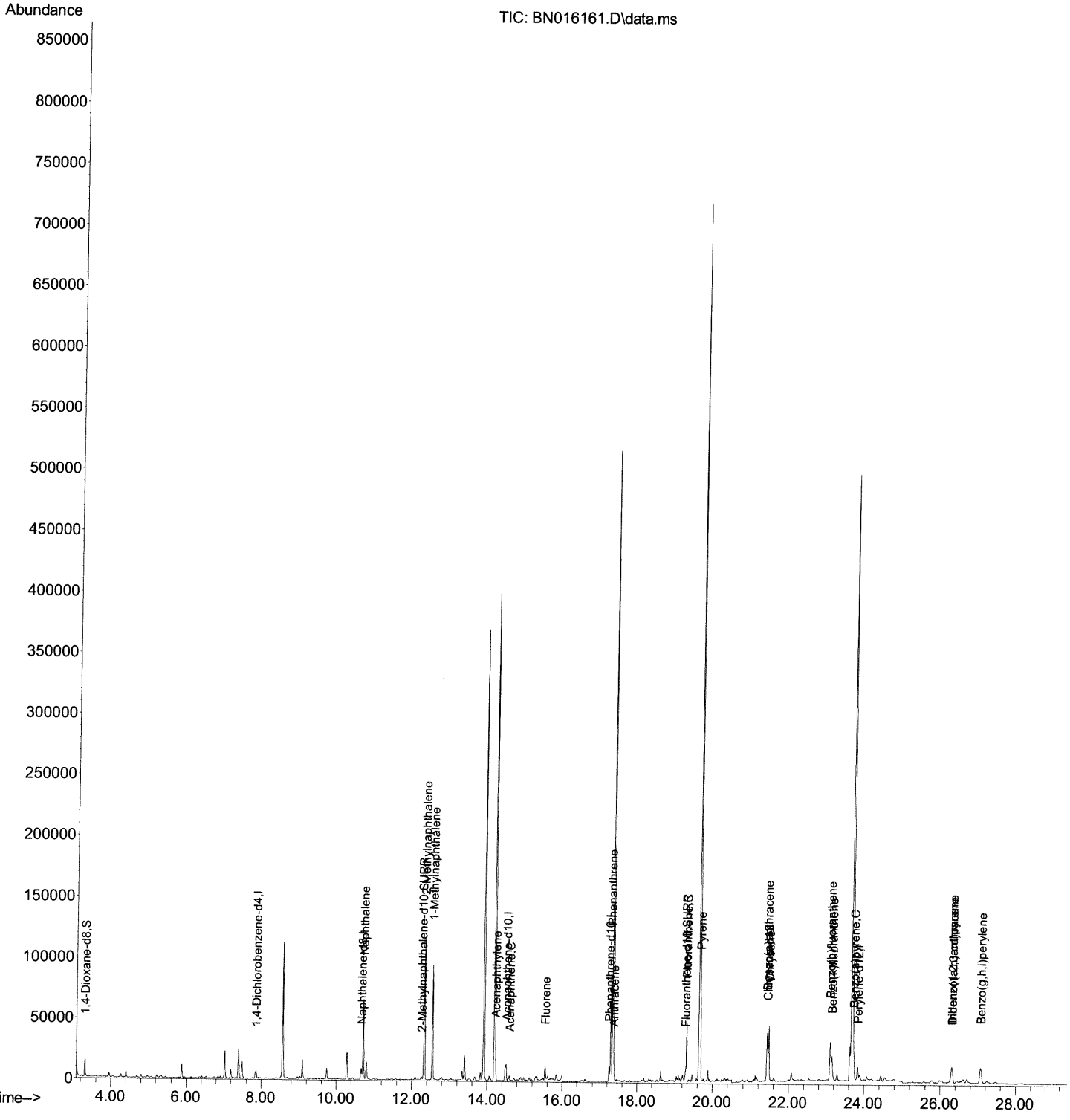
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090221\
Data File : BN016161.D
Acq On : 03 Sep 2021 06:13
Operator : CG/JU
Sample : M3472-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 03 07:19:36 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 :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM



Quantitation Report (Qedit)

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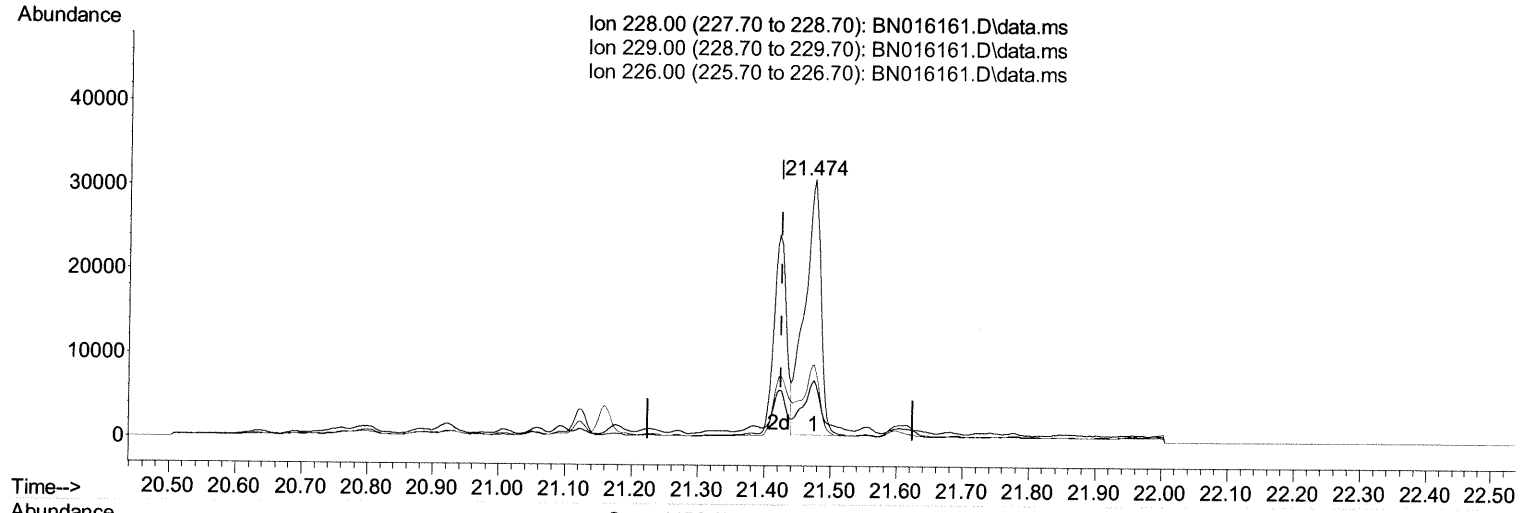

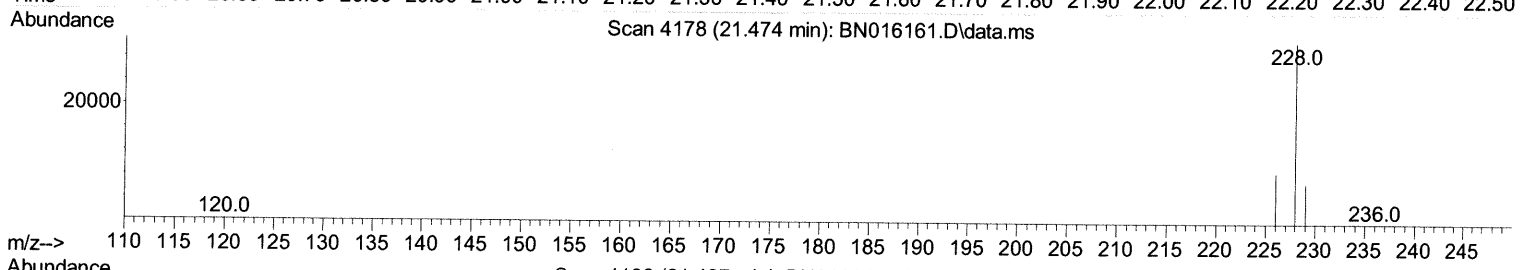

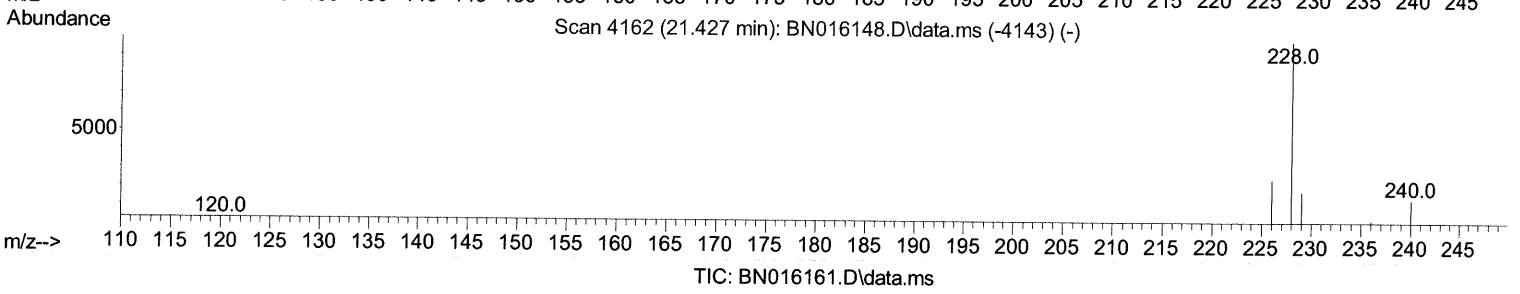

(21) Benzo(a)anthracene

21.474min (+ 0.050) 1.09 ng/ul

response 52223

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	22.75
226.00	26.00	28.92
0.00	0.00	0.00

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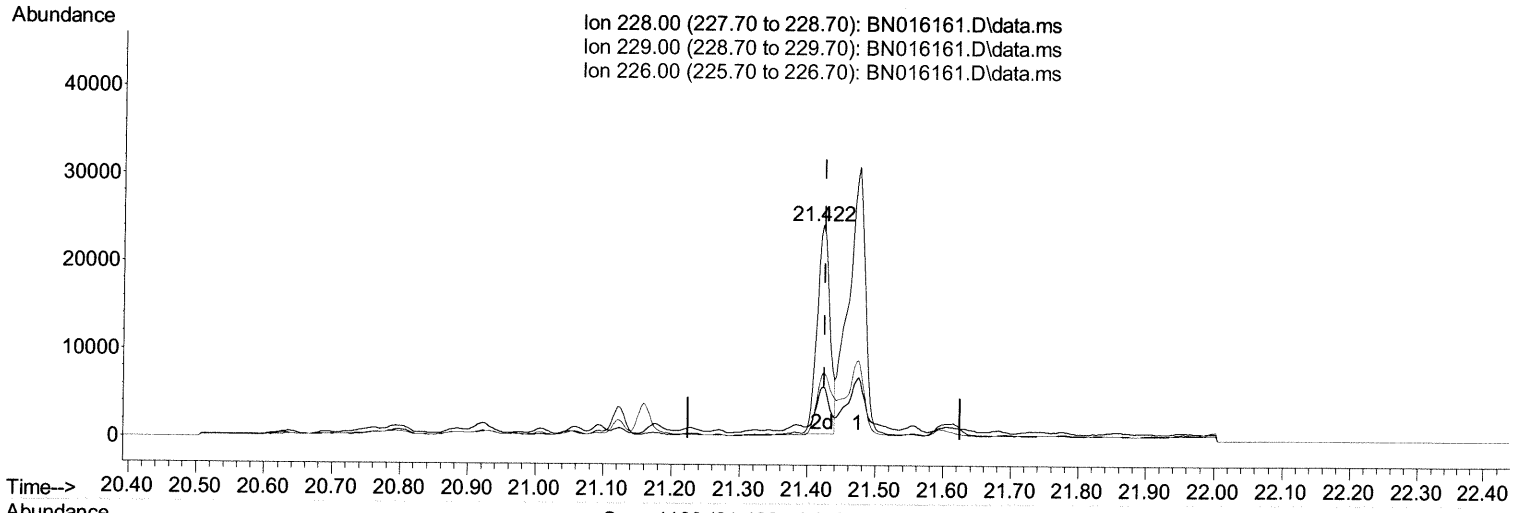
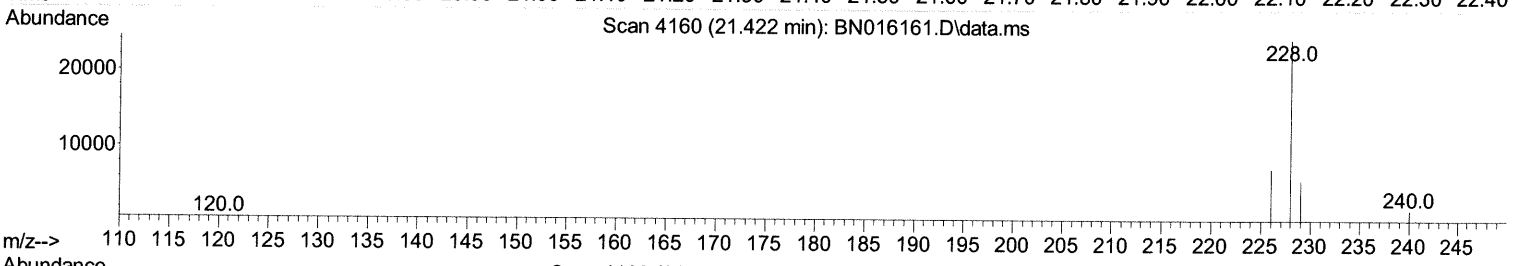
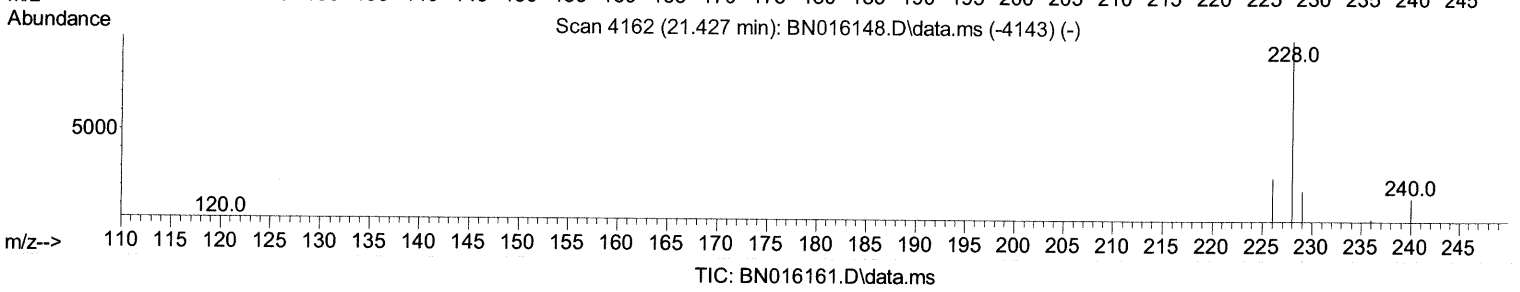
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM







(21) Benzo(a)anthracene

21.422min (-0.003) 0.65 ng/ul m

JG 9/8/21

response 31229

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	24.29#
226.00	26.00	30.67
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 29 Sample Multiplier: 1

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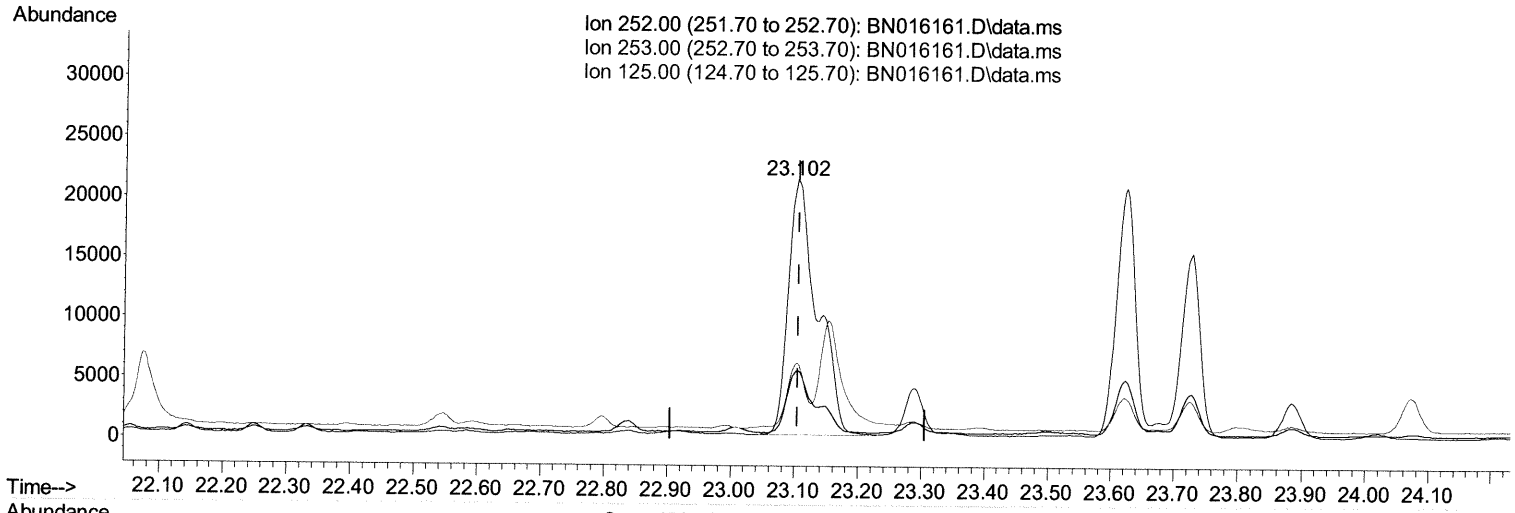
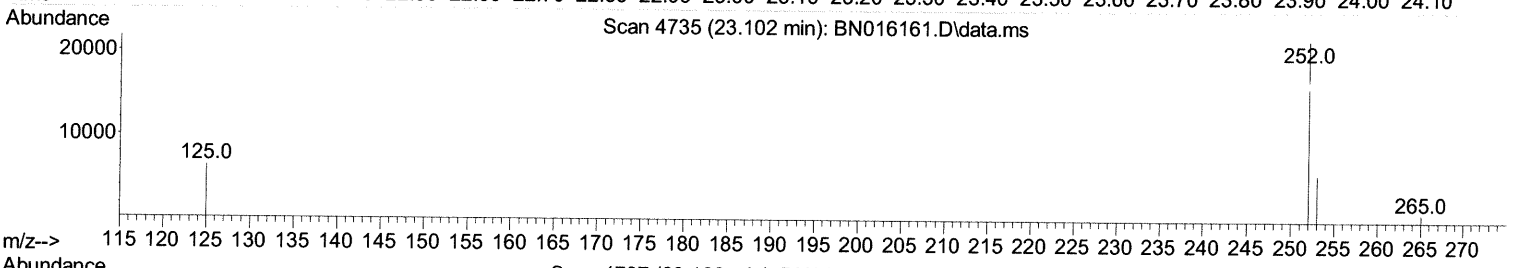
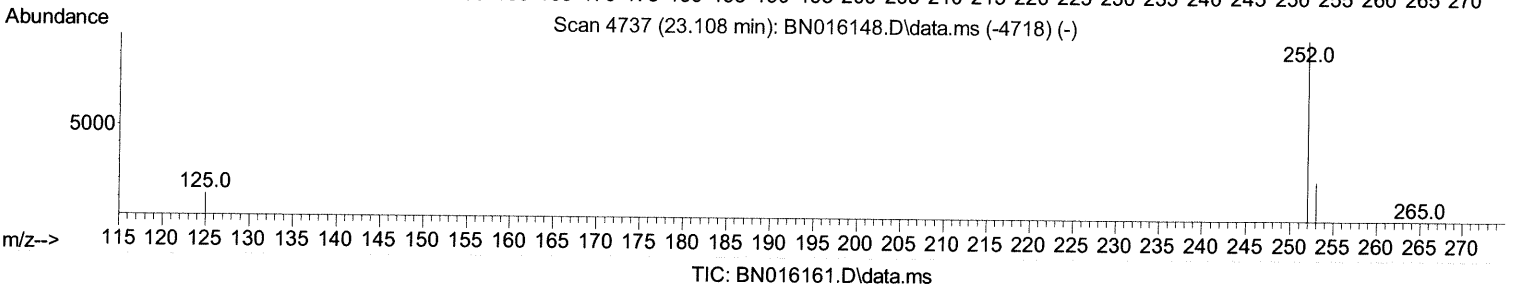
BNA_N
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM







TIC: BN016161.D\data.ms

(24) Benzo(b)fluoranthene

23.102min (-0.003) 1.16 ng/ul

response 66823

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	26.69
125.00	13.50	29.55#
0.00	0.00	0.00

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Acq On : 03 Sep 2021 06:13
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Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Sep 03 07:19:36 2021
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ClientSampleId :
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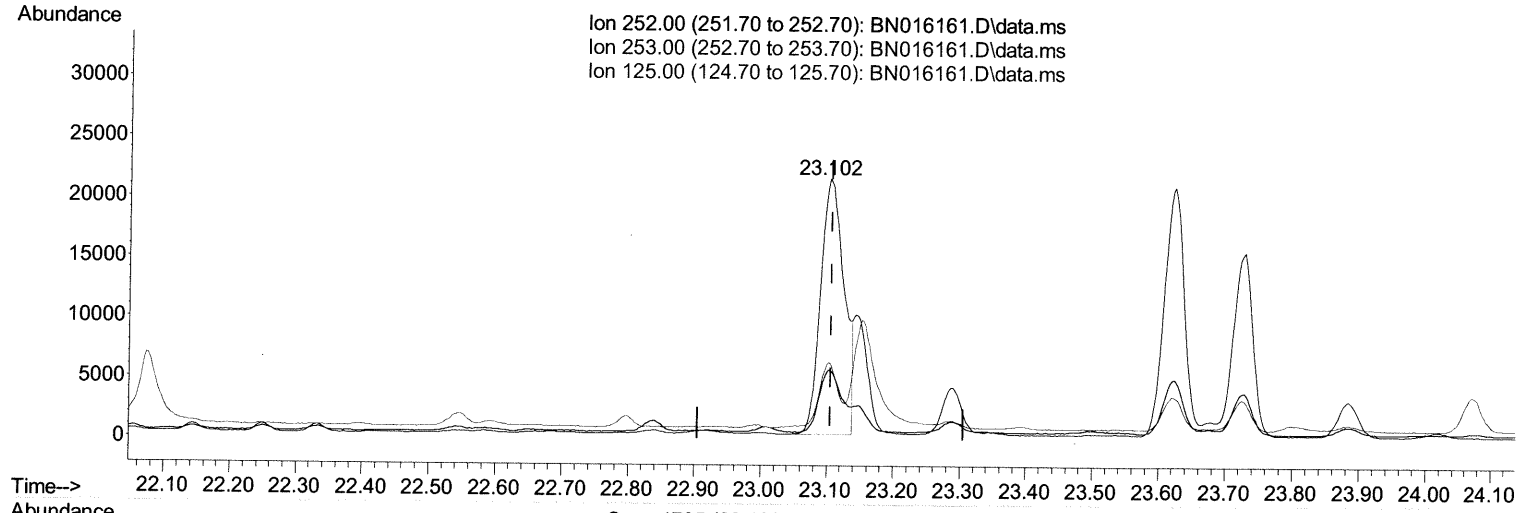
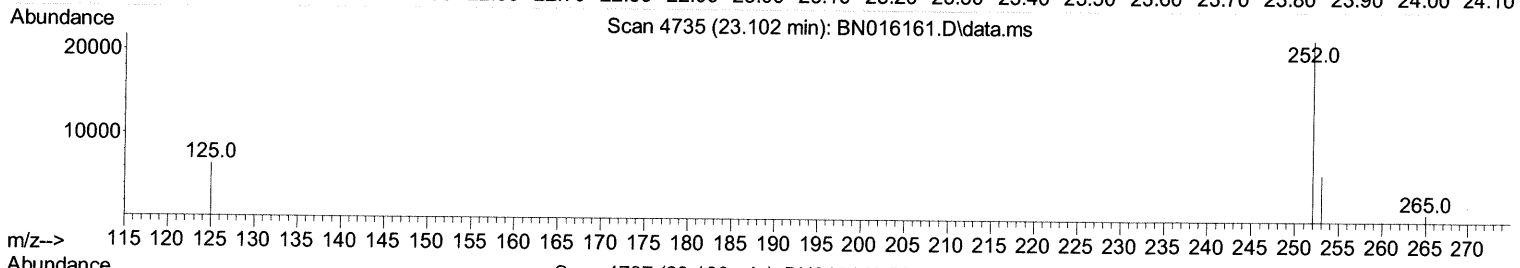
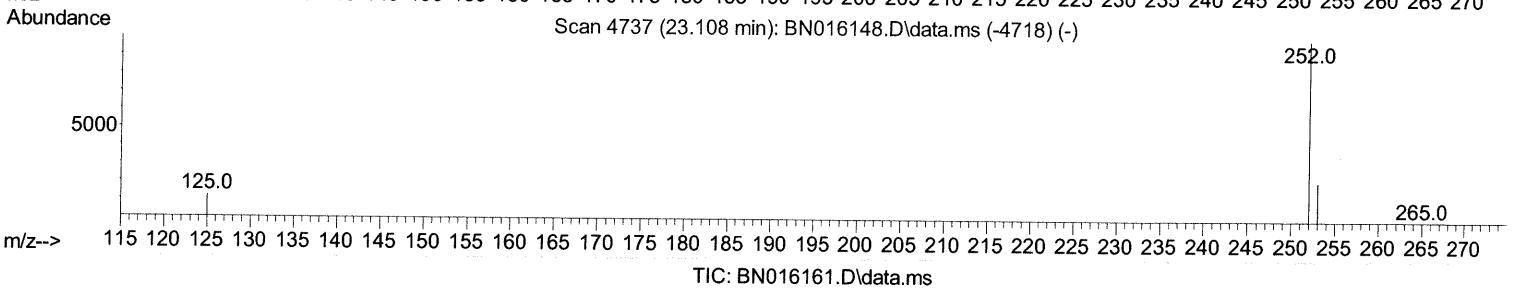
Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM







(24) Benzo(b)fluoranthene

23.102min (-0.003) 0.91 ng/ul m

response 52259

JG 9/8/21

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.70	26.69
125.00	13.50	29.55#
0.00	0.00	0.00

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Sample : M3472-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

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Instrument :
BNA_N
ClientSampleId :
C0AB9

Manual Integrations APPROVED
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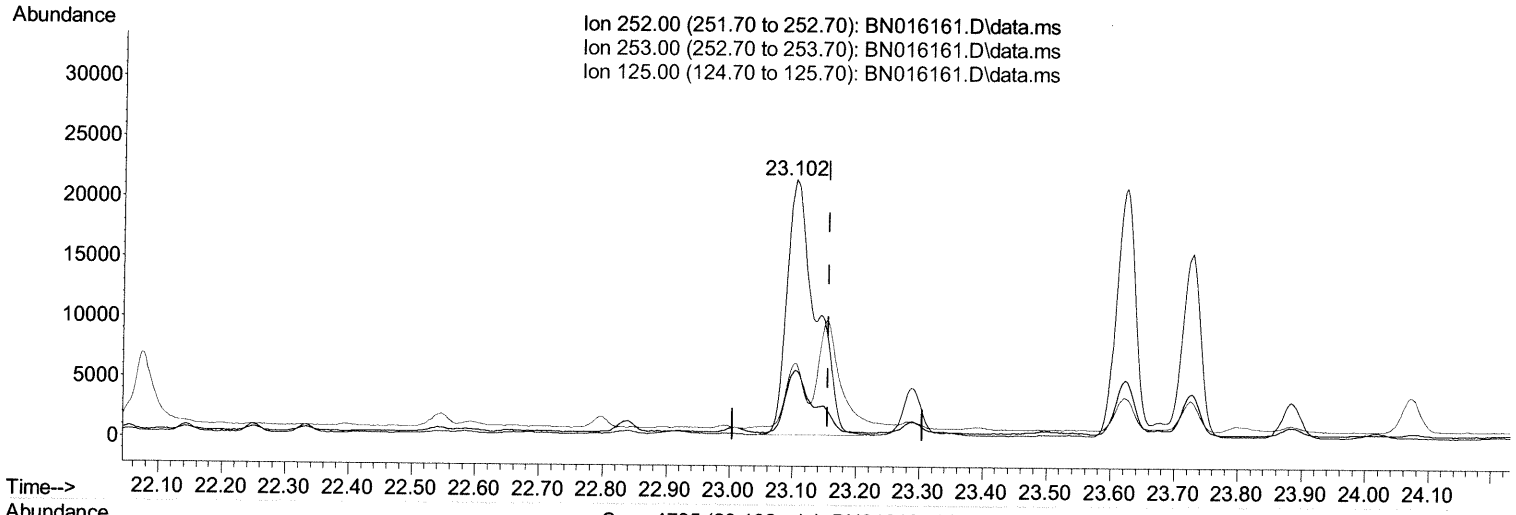

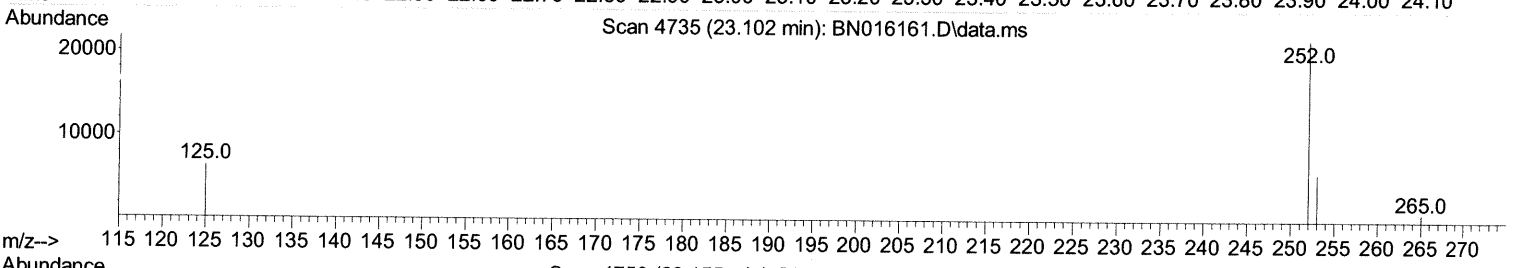

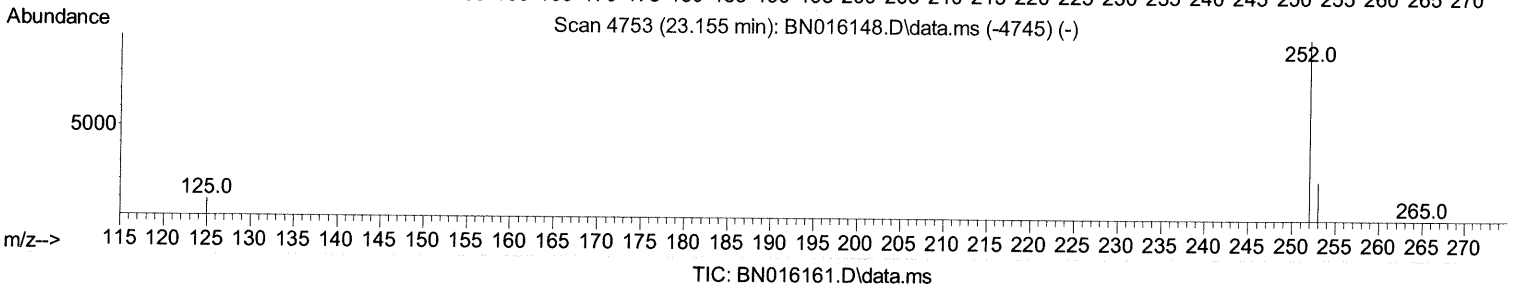

TIC: BN016161.D\data.ms

(25) Benzo(k)fluoranthene

23.102min (-0.053) 1.15 ng/ul

response 66823

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	26.69
125.00	13.60	29.55#
0.00	0.00	0.00

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Operator : CG/JU
Sample : M3472-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

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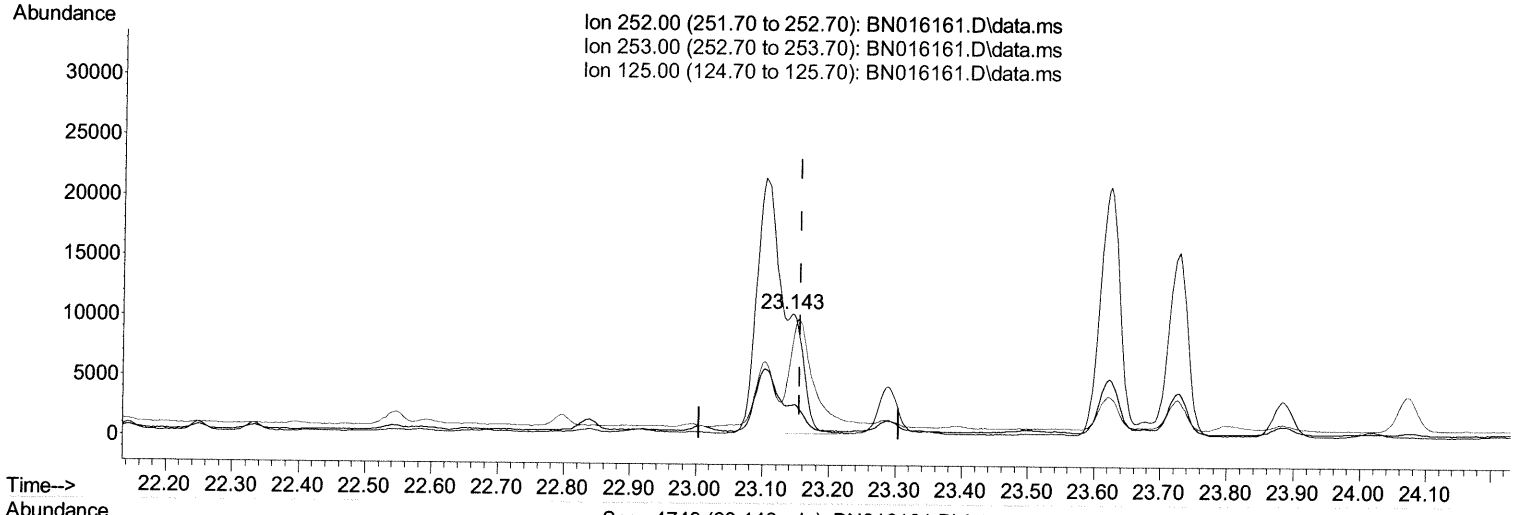
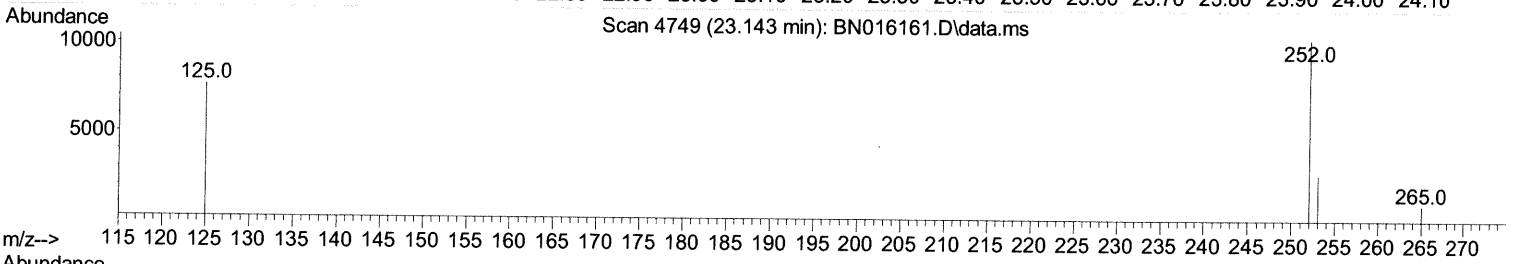
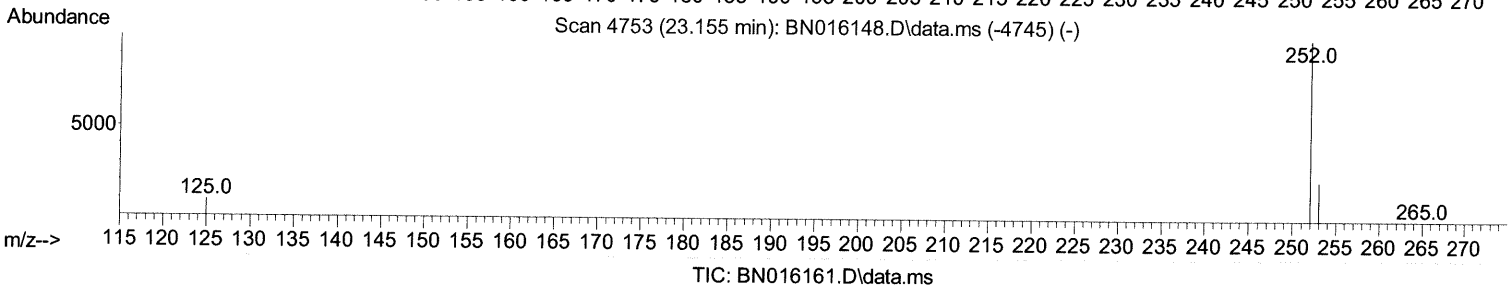
BNA_N
ClientSampleId :
C0AB9

Manual Integrations APPROVED
mohammad
9/7/2021 11:32:15 AM







TIC: BN016161.D\data.ms

(25) Benzo(k)fluoranthene

23.143min (-0.012) 0.28 ng/ul m JU 9/8/21

response 16366

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	24.20	27.06
125.00	13.60	73.53#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	2902	0.400	ng/ul	0.00
4) Naphthalene-d8	10.667	136	12040	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.506	164	7803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.251	188	15374	0.400	ng/ul	0.00
17) Chrysene-d12	21.436	240	15626	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	15338	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	10177	3.013	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.256	152	3642	0.215	ng/ul	0.00
18) Fluoranthene-d10	19.281	212	9162	0.219	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.716	128	93849	2.928	ng/ul	99
7) 2-Methylnaphthalene	12.327	142	86068	4.115	ng/ul	99
8) 1-Methylnaphthalene	12.547	142	68507	3.282	ng/ul	100
10) Acenaphthylene	14.224	152	8663	0.293	ng/ul#	83
11) Acenaphthene	14.590	153	1628	0.066	ng/ul#	30
12) Fluorene	15.552	166	4640	0.164	ng/ul#	84
15) Phenanthrene	17.293	178	102731	2.319	ng/ul	98
16) Anthracene	17.381	178	6112	0.160	ng/ul#	96
19) Fluoranthene	19.308	202	43375	0.833	ng/ul	99
20) Pyrene	19.676	202	58857	1.116	ng/ul#	94
21) Benzo(a)anthracene	21.422	228	31229m	0.654	ng/ul	99
22) Chrysene	21.474	228	52223	0.967	ng/ul	97
24) Benzo(b)fluoranthene	23.102	252	52259m	0.906	ng/ul	99
25) Benzo(k)fluoranthene	23.143	252	16366m	0.282	ng/ul	99
26) Benzo(a)pyrene	23.728	252	30970	0.633	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.310	276	21965	0.347	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.320	278	7414	0.142	ng/ul#	70
29) Benzo(g,h,i)perylene	27.071	276	29846	0.544	ng/ul	98

JU 9/8/21
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(#) = qualifier out of range (m) = manual integration (+) = signals summed