

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022126.D
 Acq On : 14 Oct 2022 16:13
 Operator : CG/JU
 Sample : N5049-08DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BL9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

10/15/2022
 Supervised By :mohammad
 ahmed

Quant Time: Oct 15 00:26:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	222813	20.000	ng/u1	0.00
20) Naphthalene-d8	10.787	136	1044723	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	637109	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1243943	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	937834	20.000	ng/u1	0.00
88) Perylene-d12	24.068	264	862459	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	3356m	0.571	ng/uL	0.00
4) Pyridine-d5	3.734	84	7041m	0.385	ng/u1	0.04
7) Phenol-d5	7.110	99	62598	2.874	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	41251	3.022	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	49584	3.283	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	48335	2.793	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	25311	3.304	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	26406	3.363	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	46088	3.127	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	14907m	0.619	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	148163	3.336	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	172396	3.476	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	13674	1.442	ng/u1	0.00
60) Fluorene-d10	15.622	176	130739	3.490	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	8939	1.260	ng/u1	0.00
73) Anthracene-d10	17.480	188	201345	3.725	ng/u1	0.00
81) Pyrene-d10	19.786	212	216146	4.629	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	149451	3.533	ng/u1	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.351	152	423751	7.482	ng/u1	99
72) Phenanthrene	17.427	178	211373	3.150	ng/u1	98
74) Anthracene	17.516	178	779917	11.701	ng/u1	96
77) Carbazole	17.792	167	148309	2.406	ng/u1	99
80) Fluoranthene	19.451	202	1126906	19.227	ng/u1	98
82) Pyrene	19.816	202	1379737	22.501	ng/u1	98
85) Benzo(a)anthracene	21.574	228	1013409	16.911	ng/u1#	92
87) Chrysene	21.627	228	1579185	27.422	ng/u1	99
90) Benzo(b)fluoranthene	23.310	252	2857866m	52.538	ng/u1	
91) Benzo(k)fluoranthene	23.351	252	936372m	17.424	ng/u1	
93) Benzo(a)pyrene	23.957	252	1572410	32.343	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.680	276	2038682	33.550	ng/u1	92
95) Dibenzo(a,h)anthracene	26.680	278	527266	9.699	ng/u1#	75
96) Benzo(g,h,i)perylene	27.486	276	1831968	33.510	ng/u1	97

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

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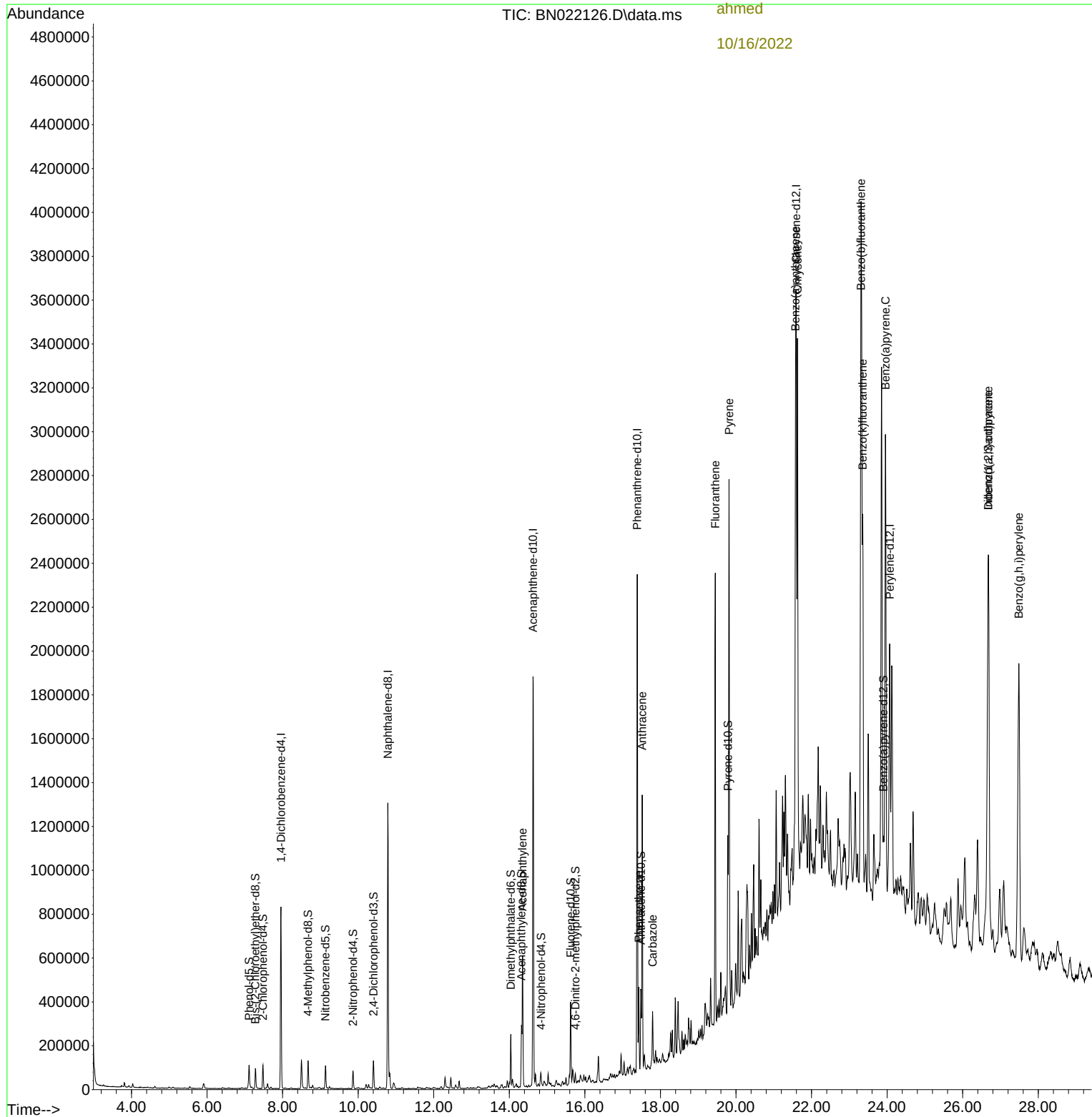
Instrument :
BNA_N
ClientSampleId :
C0BL9DL

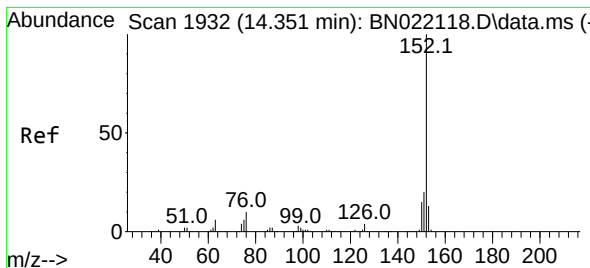
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

10/15/2022
Supervised By :mohammad
ahmed

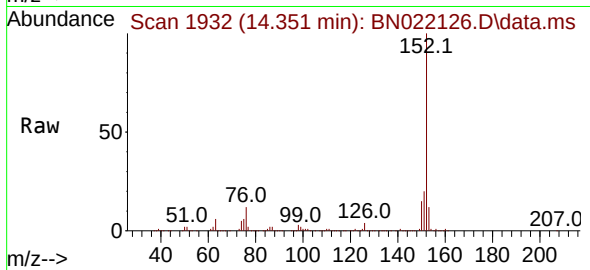
10/16/2022





#50
Acenaphthylene
Concen: 7.482 ng/ul
RT: 14.351 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Instrument :
BNA_N
ClientSampleId :
C0BL9DL



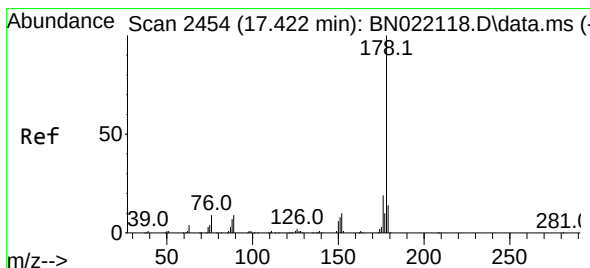
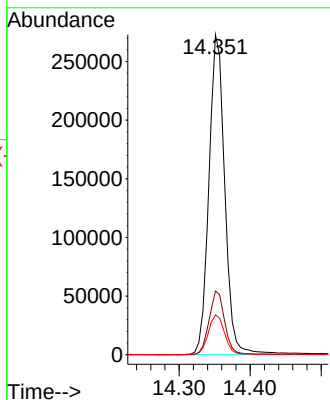
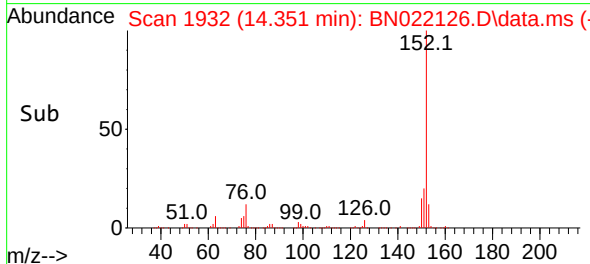
Tgt Ion:152 Resp: 42375
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 12.4 9.8 14.8

Manual Integrations
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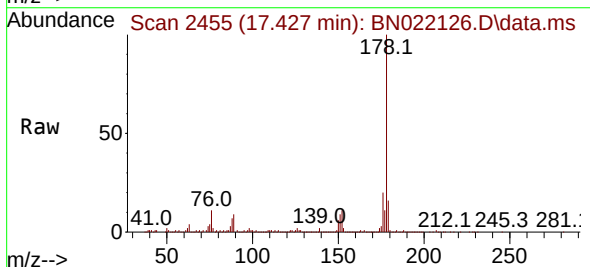
Reviewed By :Yogesh
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ahmed

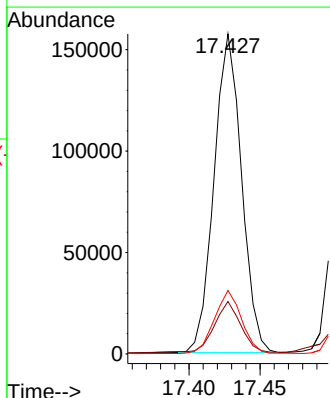
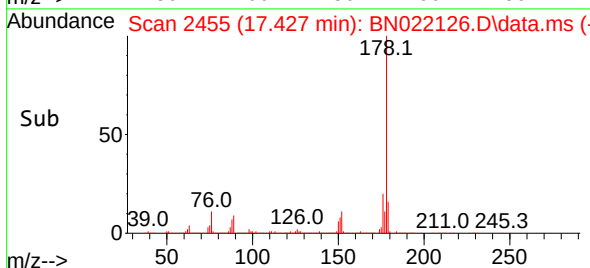
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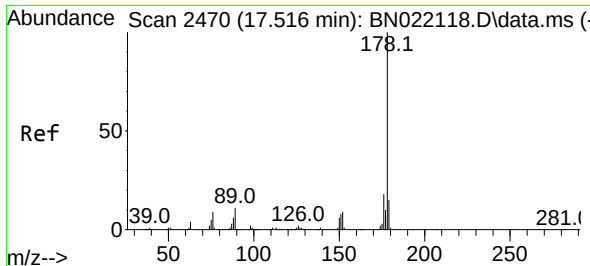


#72
Phenanthrene
Concen: 3.150 ng/ul
RT: 17.427 min Scan# 2455
Delta R.T. -0.006 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13



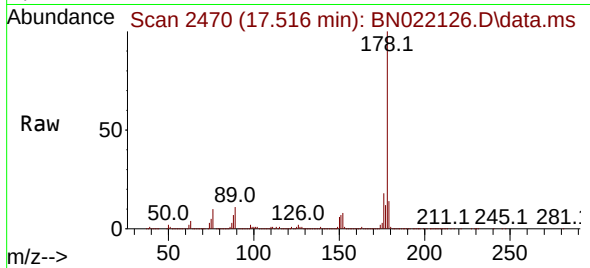
Tgt Ion:178 Resp: 211373
Ion Ratio Lower Upper
178 100
179 16.4 12.3 18.5
176 19.9 16.5 24.7





#74
 Anthracene
 Concen: 11.701 ng/u1
 RT: 17.516 min Scan# 2470
 Delta R.T. -0.006 min
 Lab File: BN022126.D
 Acq: 14 Oct 2022 16:13

Instrument :
 BNA_N
 ClientSampleId :
 C0BL9DL



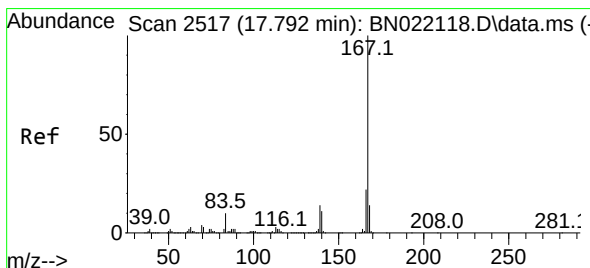
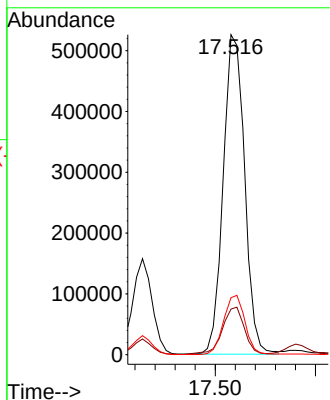
Tgt Ion:178 Resp: 779917
 Ion Ratio Lower Upper
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 179 14.2 13.0 19.6
 176 17.8 15.8 23.6

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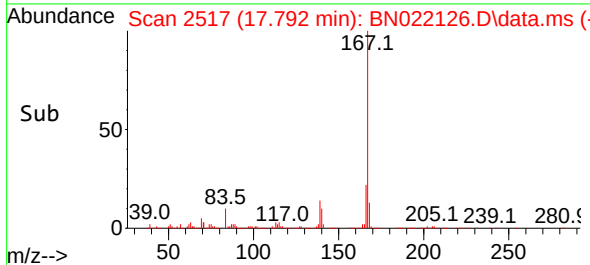
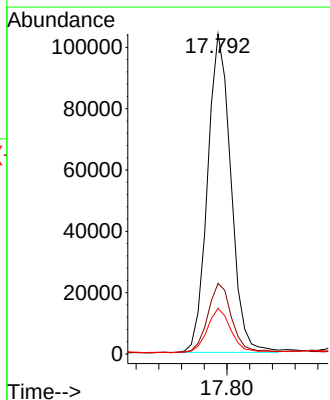
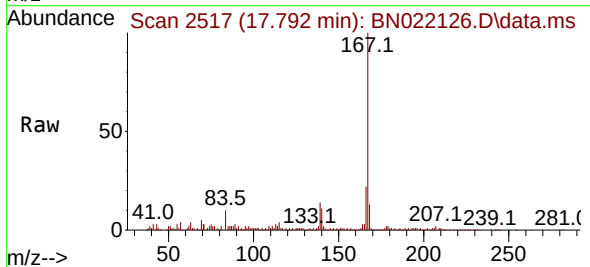
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 Supervised By :mohammad
 ahmed

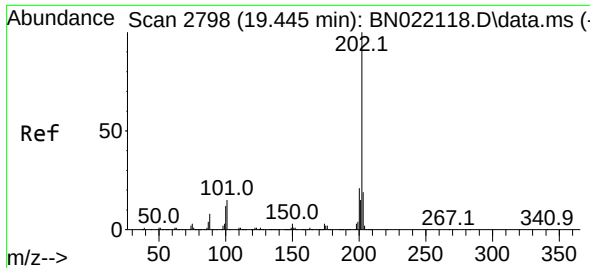
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#77
 Carbazole
 Concen: 2.406 ng/u1
 RT: 17.792 min Scan# 2517
 Delta R.T. -0.006 min
 Lab File: BN022126.D
 Acq: 14 Oct 2022 16:13

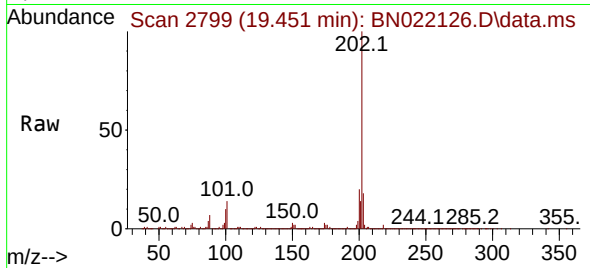
Tgt Ion:167 Resp: 148309
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 14.3 10.7 16.1





#80
Fluoranthene
Concen: 19.227 ng/u1
RT: 19.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Instrument :
BNA_N
ClientSampleId :
C0BL9DL



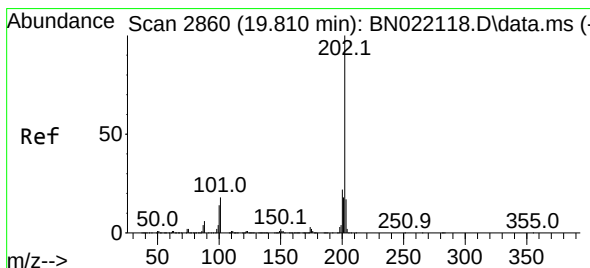
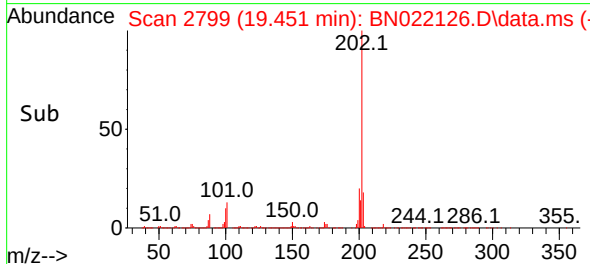
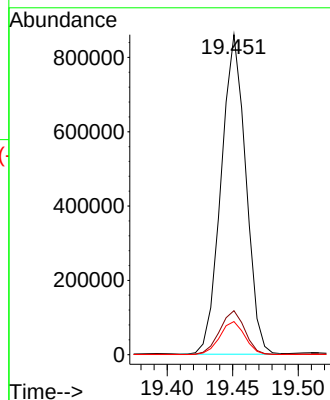
Tgt Ion:202 Resp: 1126900
Ion Ratio Lower Upper
202 100
101 13.8 10.3 15.5
100 10.3 7.8 11.8

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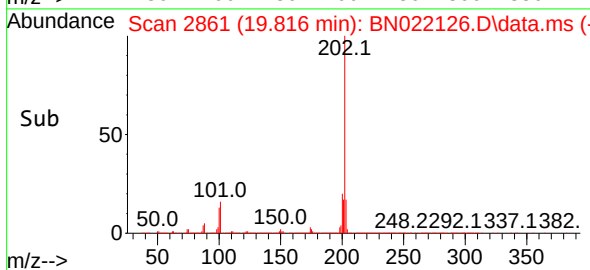
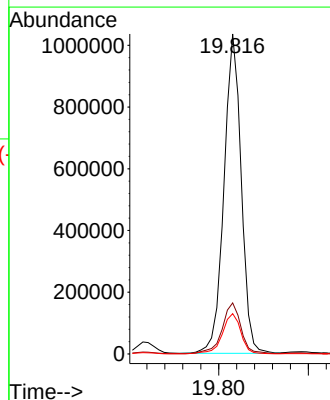
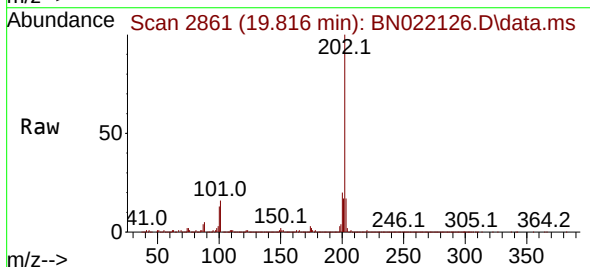
10/15/2022
Supervised By :mohammad
ahmed

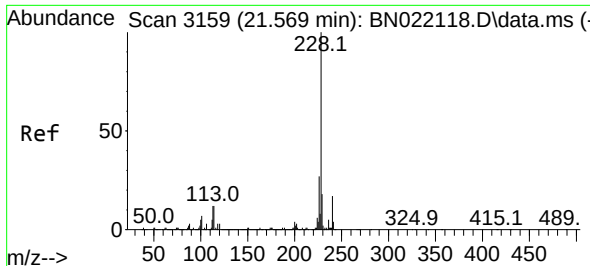
10/16/2022



#82
Pyrene
Concen: 22.501 ng/u1
RT: 19.816 min Scan# 2861
Delta R.T. -0.000 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

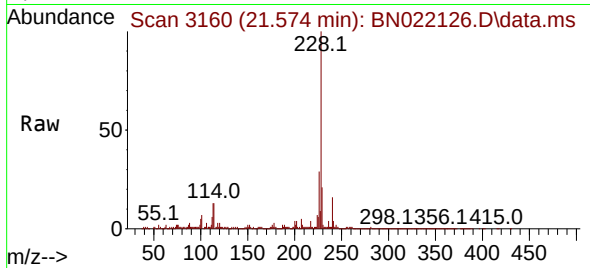
Tgt Ion:202 Resp: 1379737
Ion Ratio Lower Upper
202 100
101 16.0 13.4 20.0
100 12.6 10.9 16.3





#85
Benzo(a)anthracene
Concen: 16.911 ng/u1
RT: 21.574 min Scan# 3159
Delta R.T. -0.000 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Instrument :
BNA_N
ClientSampleId :
C0BL9DL



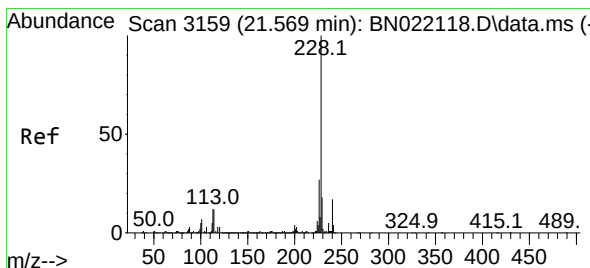
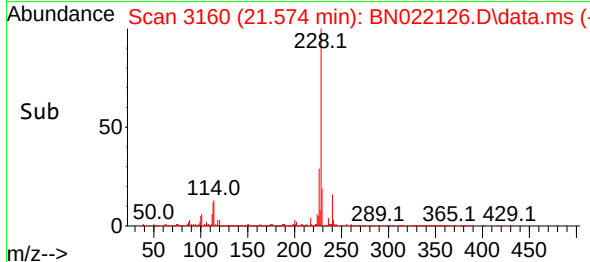
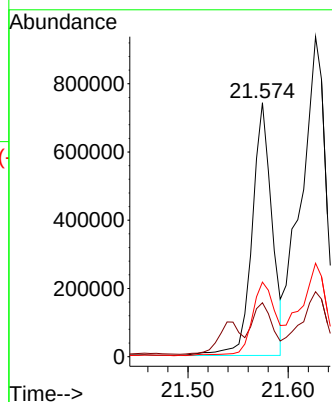
Tgt Ion:228 Resp: 1013409
Ion Ratio Lower Upper
228 100
229 21.2 13.5 20.3
226 29.4 21.0 31.6

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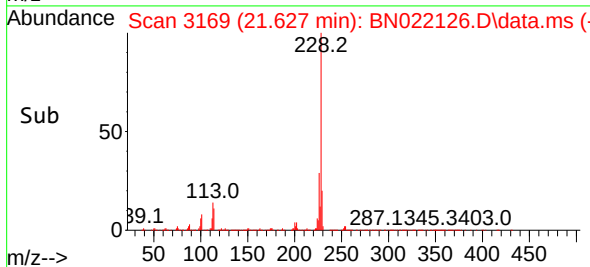
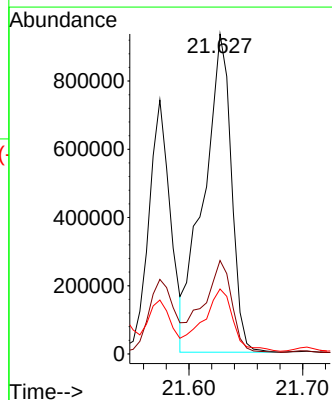
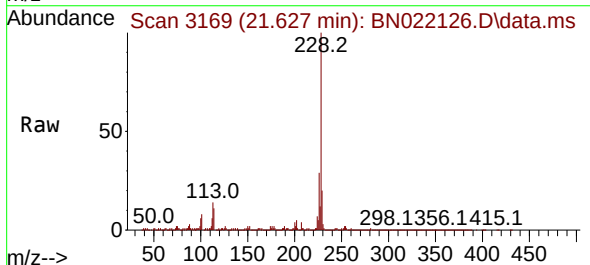
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Supervised By :mohammad
ahmed

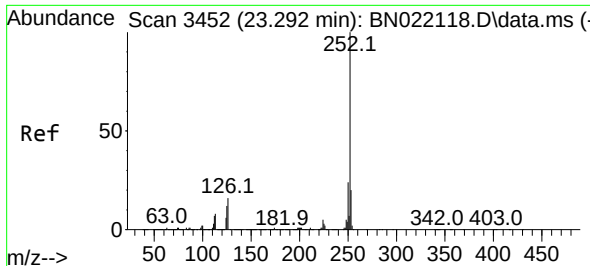
10/16/2022



#87
Chrysene
Concen: 27.422 ng/u1
RT: 21.627 min Scan# 3169
Delta R.T. -0.000 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

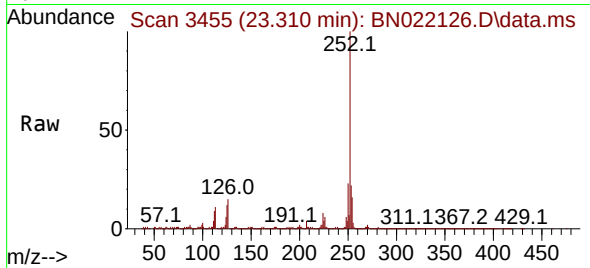
Tgt Ion:228 Resp: 1579185
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.8
229 20.3 16.5 24.7





#90
Benzo(b)fluoranthene
Concen: 52.538 ng/ul m
RT: 23.310 min Scan# 3455
Delta R.T. 0.012 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Instrument :
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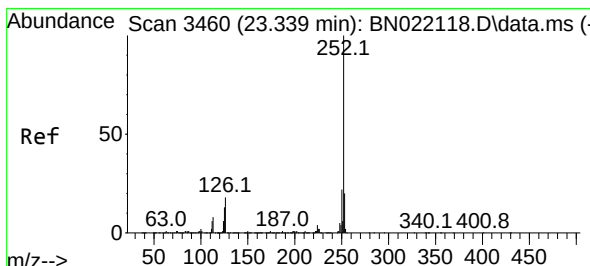
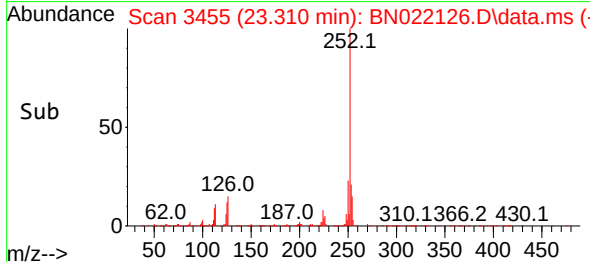
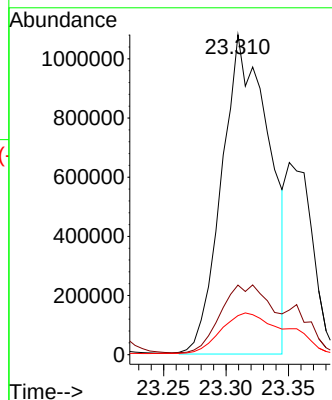
Tgt Ion:252 Resp: 285786
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.2 10.7 16.1

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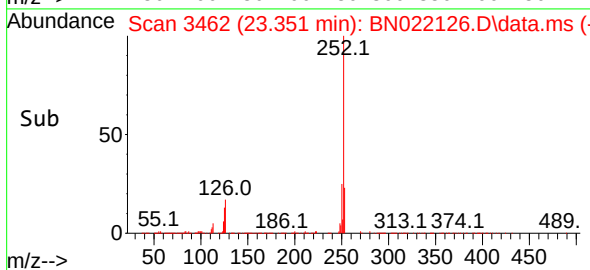
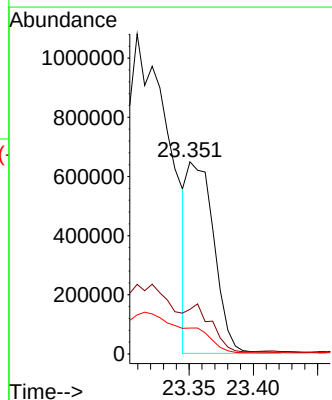
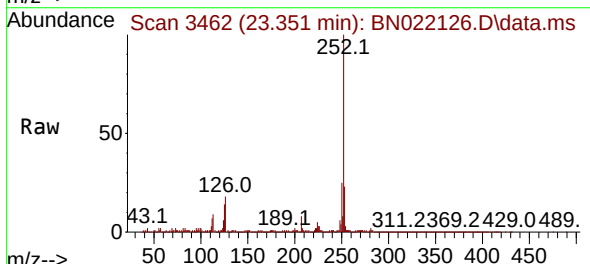
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ahmed

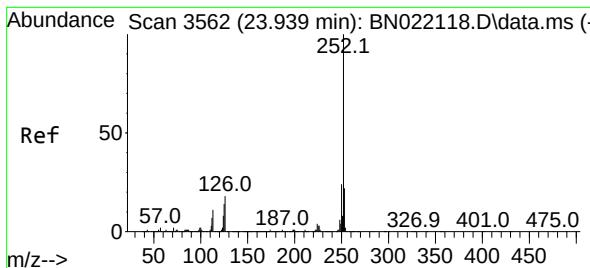
10/16/2022



#91
Benzo(k)fluoranthene
Concen: 17.424 ng/ul m
RT: 23.351 min Scan# 3462
Delta R.T. -0.000 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Tgt Ion:252 Resp: 936372
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 13.5 10.6 15.8





#93

Benzo(a)pyrene

Concen: 32.343 ng/u1

RT: 23.957 min Scan# 3

Delta R.T. 0.006 min

Lab File: BN022126.D

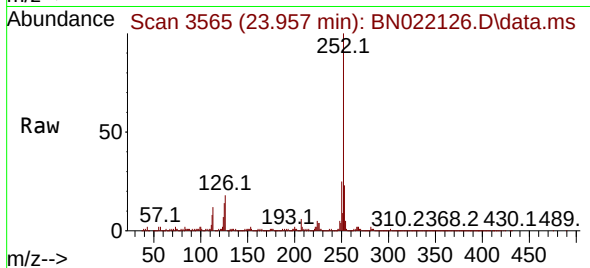
Acq: 14 Oct 2022 16:13

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:252 Resp: 1572410

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 13.7 10.8 16.2

Manual Integrations

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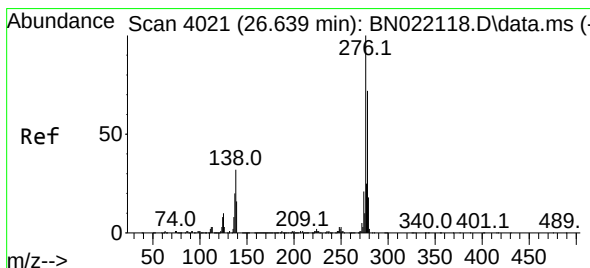
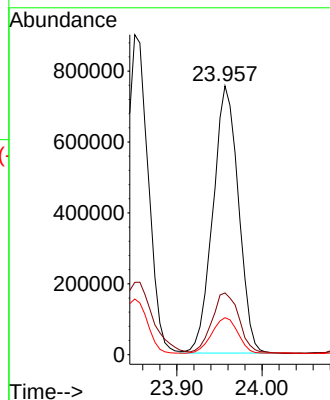
Reviewed By :Yogesh

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10/15/2022

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ahmed

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#94

Indeno(1,2,3-cd)pyrene

Concen: 33.550 ng/u1

RT: 26.680 min Scan# 4028

Delta R.T. 0.017 min

Lab File: BN022126.D

Acq: 14 Oct 2022 16:13

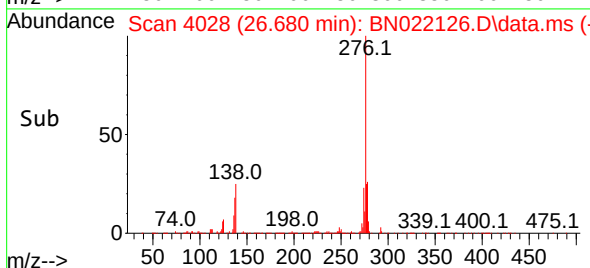
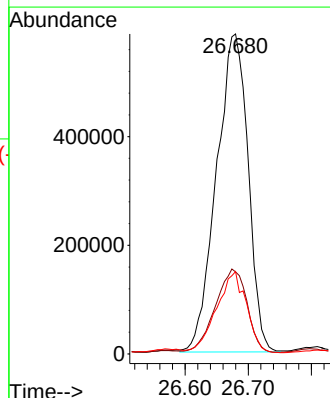
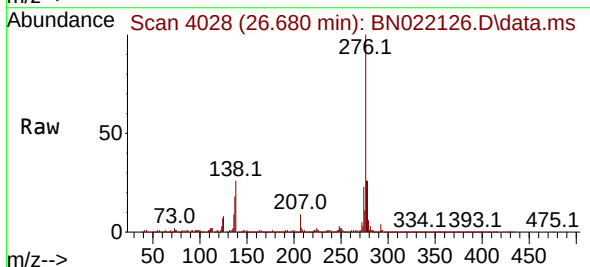
Tgt Ion:276 Resp: 2038682

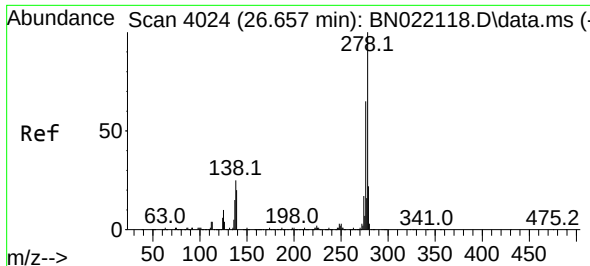
Ion Ratio Lower Upper

276 100

138 25.7 24.6 36.8

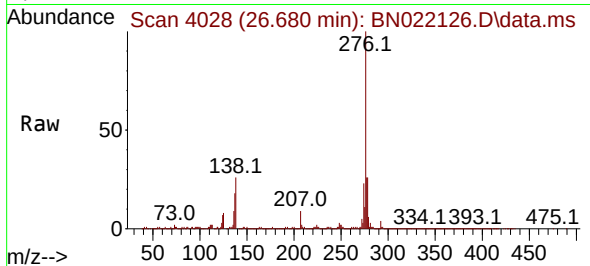
277 25.8 18.4 27.6





#95
Dibenzo(a,h)anthracene
Concen: 9.699 ng/ul
RT: 26.680 min Scan# 4024
Delta R.T. 0.006 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

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C0BL9DL



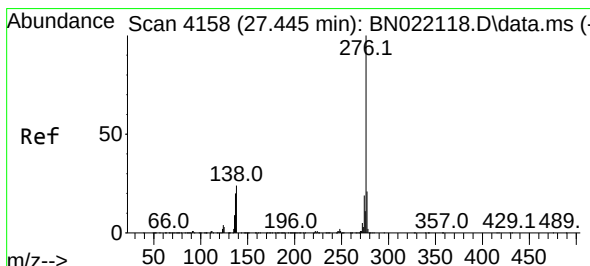
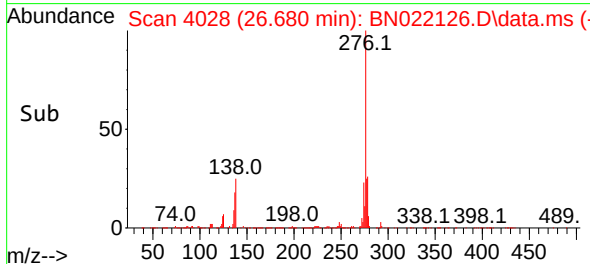
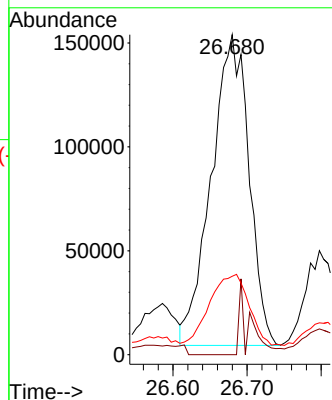
Tgt Ion:278 Resp: 527260
Ion Ratio Lower Upper
278 100
139 0.0 15.7 23.5
279 24.5 16.5 24.7

Manual Integrations
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Patel

10/15/2022
Supervised By :mohammad
ahmed

10/16/2022



#96
Benzo(g,h,i)perylene
Concen: 33.510 ng/ul
RT: 27.486 min Scan# 4165
Delta R.T. 0.029 min
Lab File: BN022126.D
Acq: 14 Oct 2022 16:13

Tgt Ion:276 Resp: 1831968
Ion Ratio Lower Upper
276 100
138 25.0 21.2 31.8
277 21.2 17.9 26.9

