

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032650.D
 Acq On : 11 Jul 2024 23:46
 Operator : MA/JU
 Sample : P3035-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

07/12/2024
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 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6730	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19397	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10101	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	18947m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	16355m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17269m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	20418	2.527	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5290	0.180	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	10610	0.199	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1106	0.021	ng/ul#	76
10) Acenaphthylene	13.925	152	3655	0.090	ng/ul#	92
11) Acenaphthene	14.267	153	1325	0.039	ng/ul	98
12) Fluorene	15.266	166	1681	0.044	ng/ul#	97
15) Phenanthrene	17.003	178	32436m	0.629	ng/ul	
16) Anthracene	17.096	178	6539m	0.155	ng/ul	
19) Fluoranthene	19.031	202	69750	1.049	ng/ul	99
20) Pyrene	19.398	202	64826	0.942	ng/ul	98
21) Benzo(a)anthracene	21.156	228	33204m	0.638	ng/ul	
22) Chrysene	21.208	228	32099	0.426	ng/ul	95
24) Benzo(b)fluoranthene	22.710	252	50010m	0.821	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	17210m	0.232	ng/ul	
26) Benzo(a)pyrene	23.269	252	33752	0.640	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.579	276	26756	0.375	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.579	278	5944	0.107	ng/ul#	35
29) Benzo(g,h,i)perylene	26.260	276	26584	0.446	ng/ul	94

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

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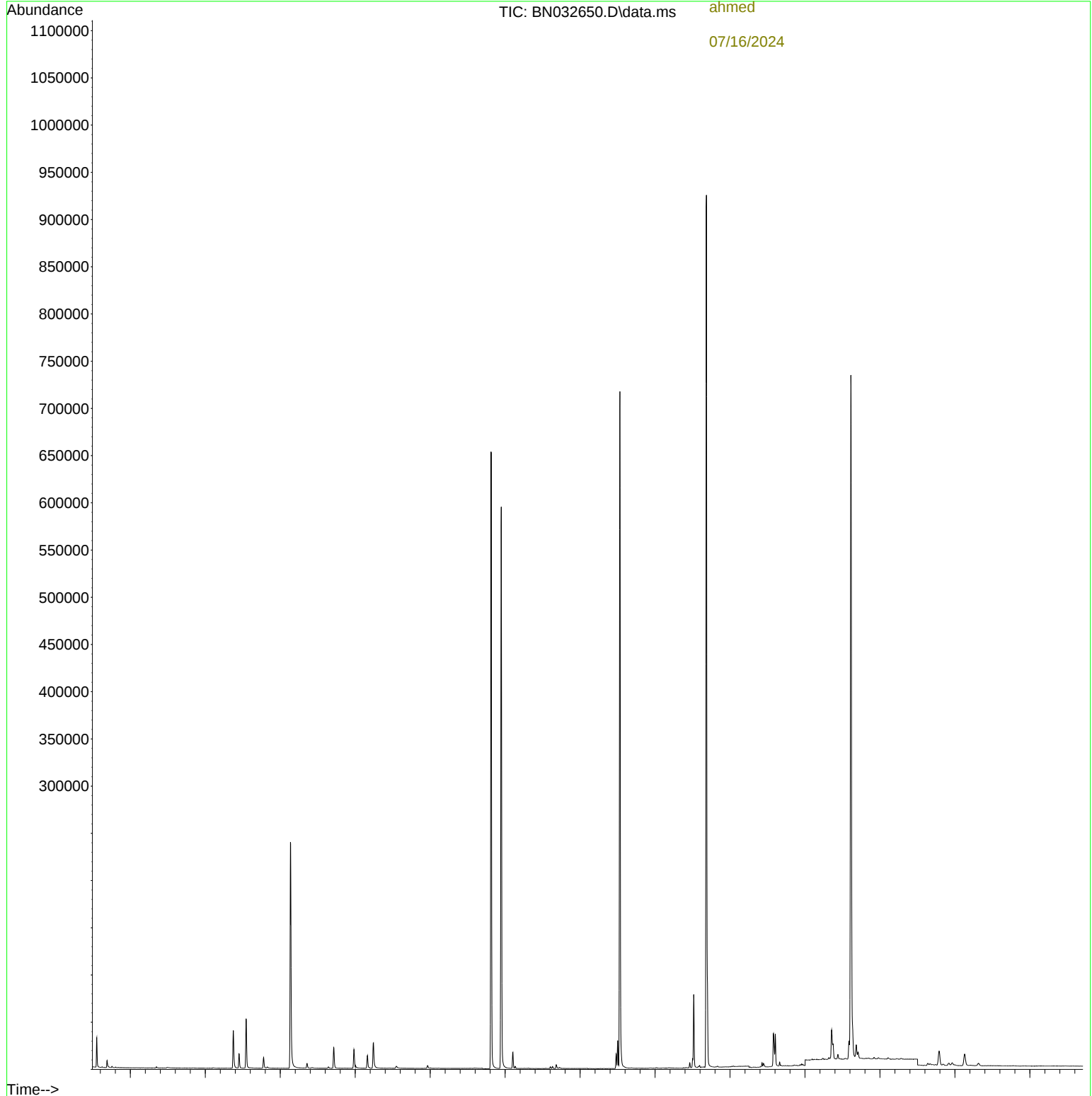
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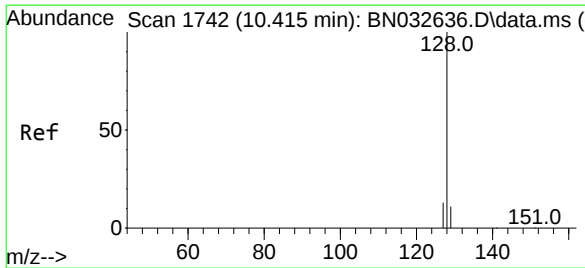
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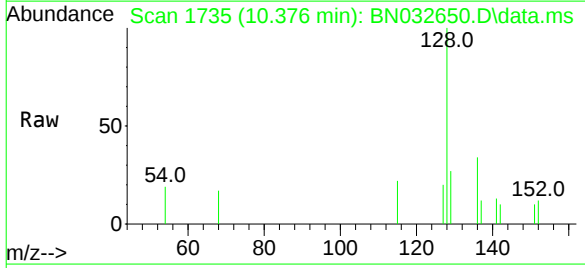
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#5
Naphthalene
Concen: 0.021 ng/u1
RT: 10.376 min Scan# 17
Delta R.T. -0.033 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

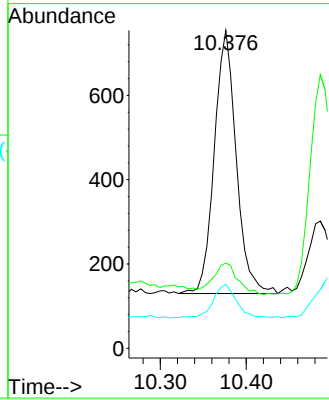
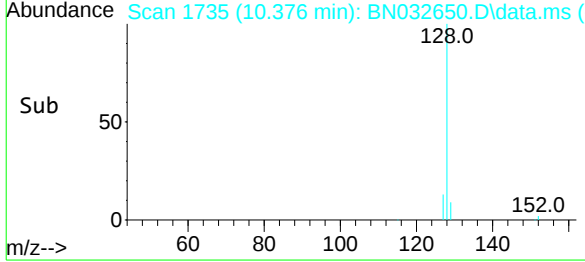
Instrument :
BNA_N
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Tgt Ion:128 Resp: 1106
Ion Ratio Lower Upper
128 100
129 26.8 10.0 15.0#
127 20.2 11.6 17.4#

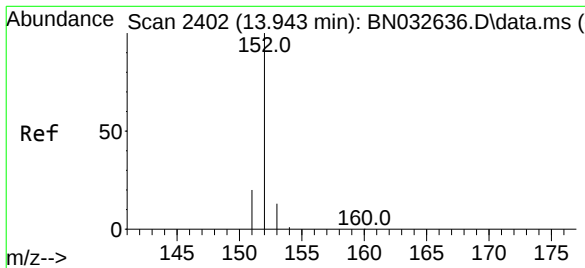
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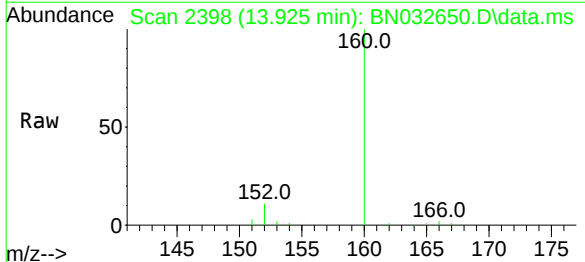


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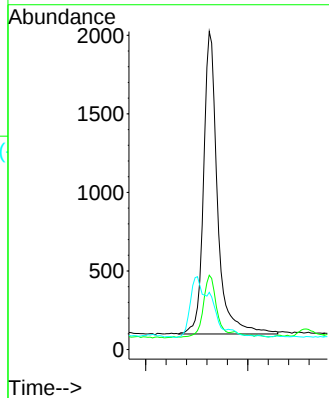
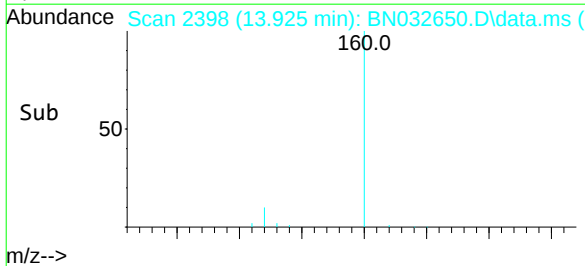
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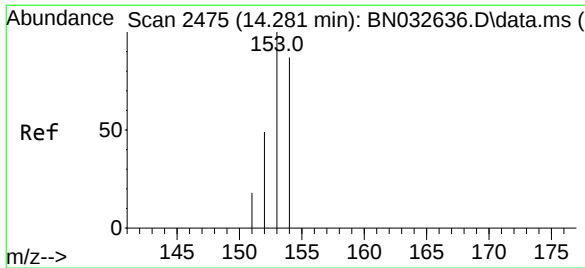


#10
Acenaphthylene
Concen: 0.090 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46



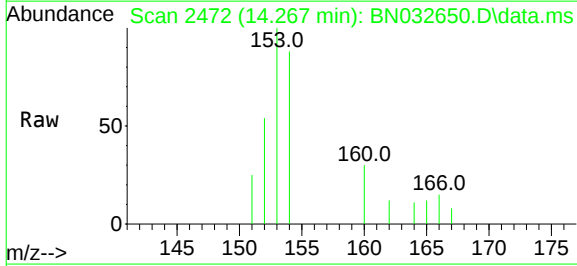
Tgt Ion:152 Resp: 3655
Ion Ratio Lower Upper
152 100
151 23.4 16.3 24.5
153 18.0 11.3 16.9#





#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
BNA_N
ClientSampleId :
A4CX4



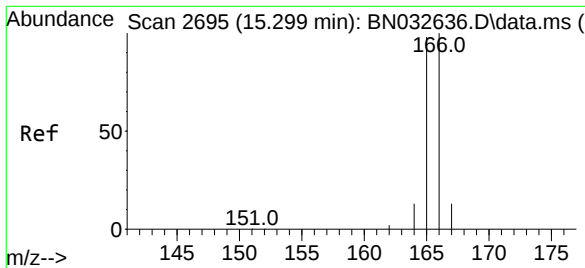
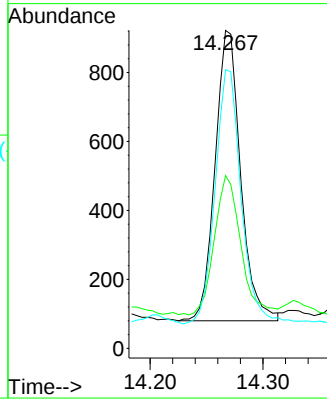
Tgt	Ion	153	Resp:	1325
Ion	Ratio	Lower	Upper	
153	100			
152	54.3	40.0	60.0	
154	87.6	70.2	105.4	

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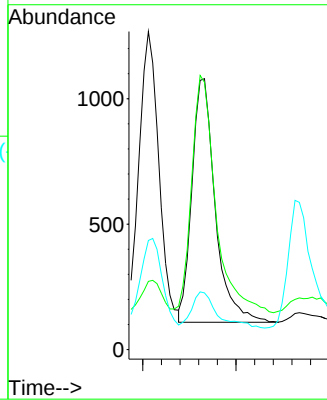
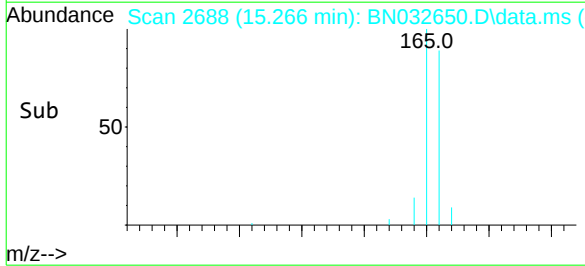
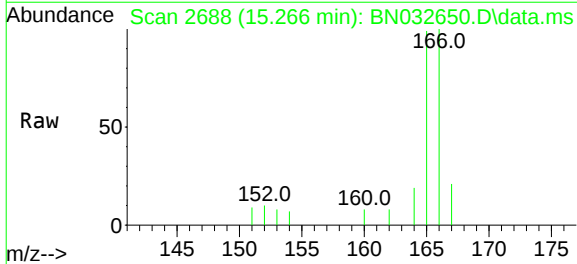
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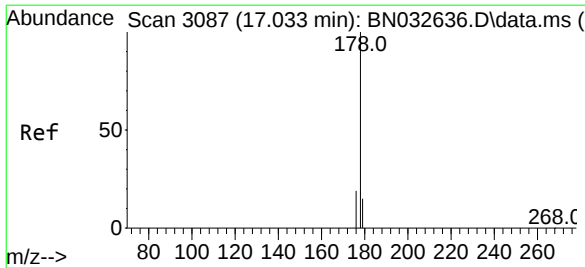
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#12
Fluorene
Concen: 0.044 ng/u1
RT: 15.266 min Scan# 2688
Delta R.T. -0.023 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

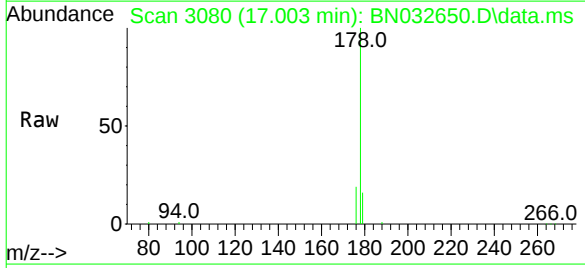
Tgt	Ion	166	Resp:	1681
Ion	Ratio	Lower	Upper	
166	100			
165	98.7	79.7	119.5	
167	20.9	11.4	17.2	#





#15
Phenanthrene
Concen: 0.629 ng/u1 m
RT: 17.003 min Scan# 3087
Delta R.T. -0.025 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
BNA_N
ClientSampleId :
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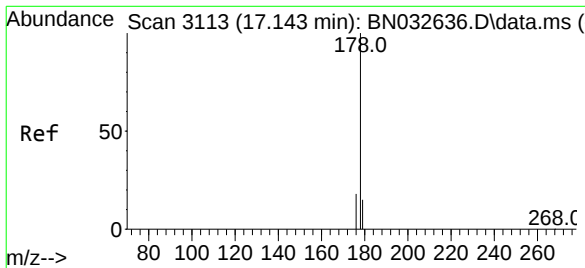
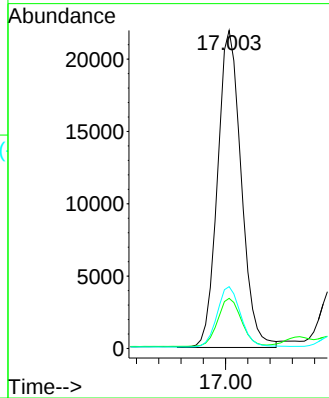
Tgt Ion:	178	Resp:	32436
Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.4
176	19.4	15.6	23.4

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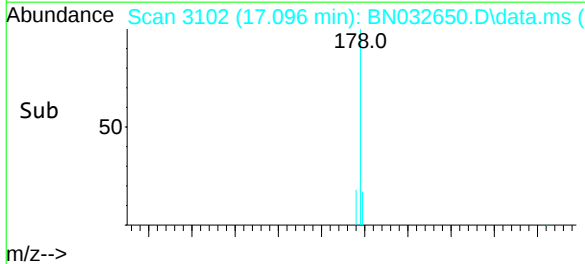
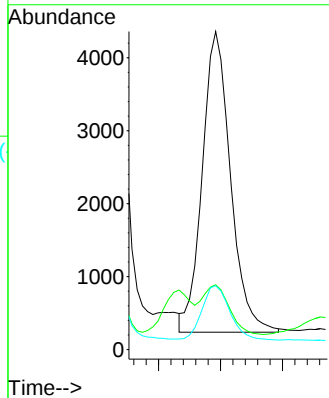
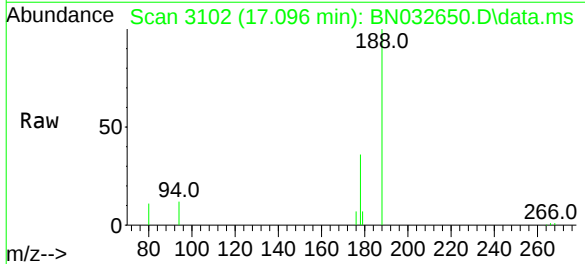
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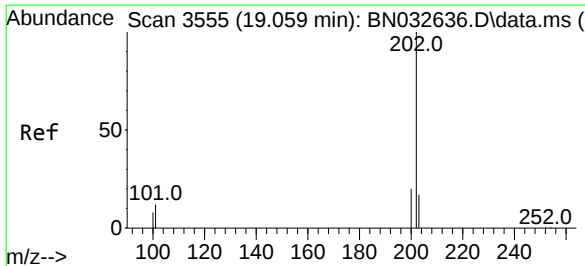
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#16
Anthracene
Concen: 0.155 ng/u1 m
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Tgt Ion:	178	Resp:	6539
Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.4	20.2#
176	20.0	15.4	23.0





#19

Fluoranthene

Concen: 1.049 ng/u1

RT: 19.031 min Scan# 35

Delta R.T. -0.023 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

Instrument :

BNA_N

ClientSampleId :

A4CX4

Tgt Ion:	202	Resp:	69750
Ion Ratio	Lower	Upper	
202	100		
101	12.3	9.8	14.8
100	9.3	7.9	11.9

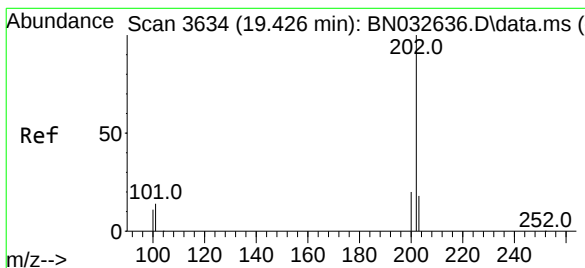
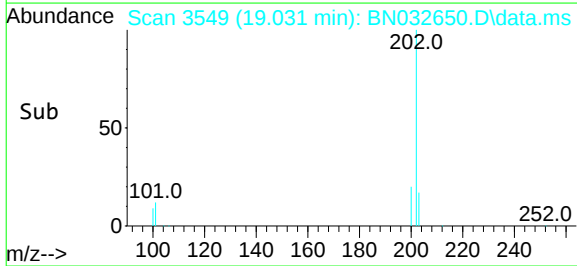
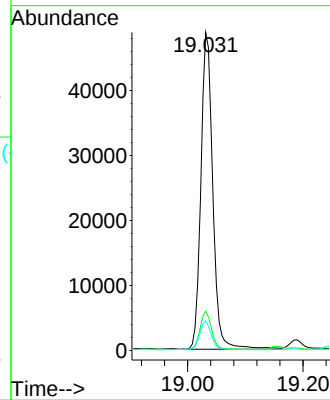
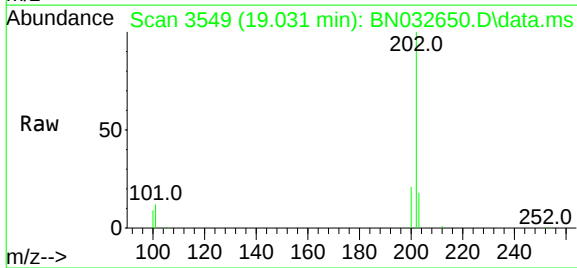
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#20

Pyrene

Concen: 0.942 ng/u1

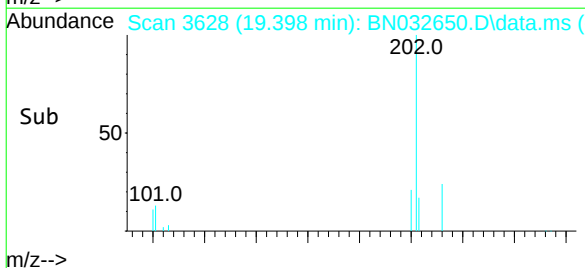
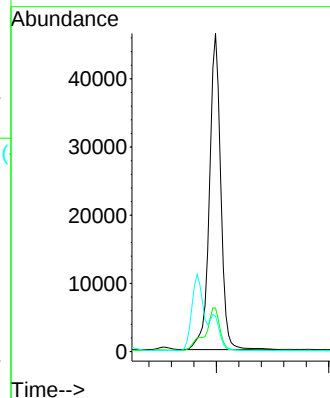
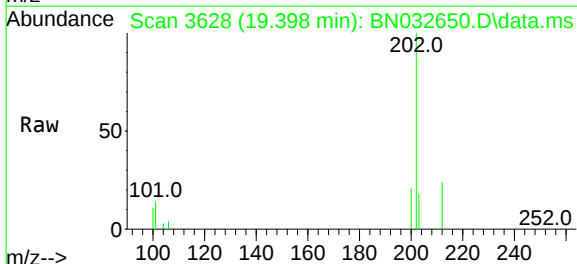
RT: 19.398 min Scan# 3628

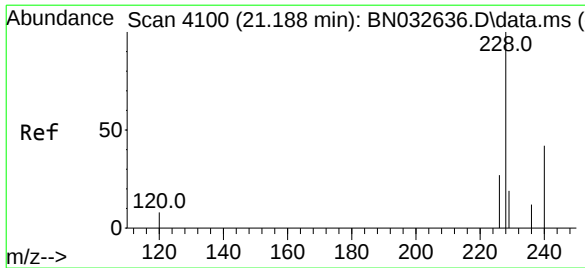
Delta R.T. -0.023 min

Lab File: BN032650.D

Acq: 11 Jul 2024 23:46

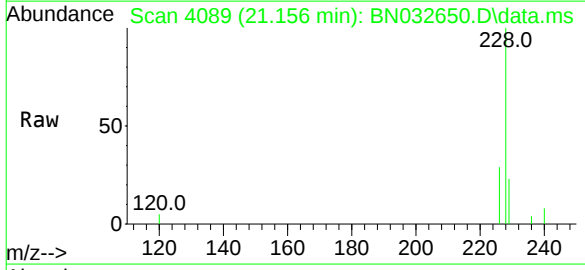
Tgt Ion:	202	Resp:	64826
Ion Ratio	Lower	Upper	
202	100		
101	13.6	11.8	17.6
100	11.1	9.6	14.4





#21
Benzo(a)anthracene
Concen: 0.638 ng/u1 m
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
BNA_N
ClientSampleId :
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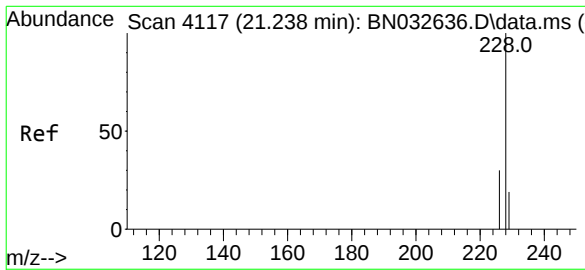
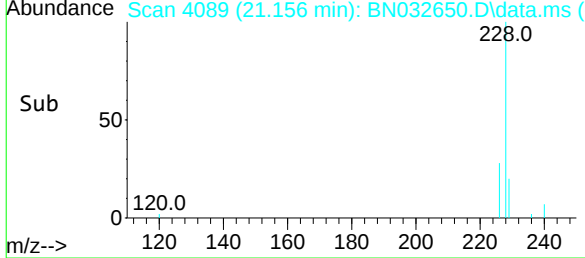
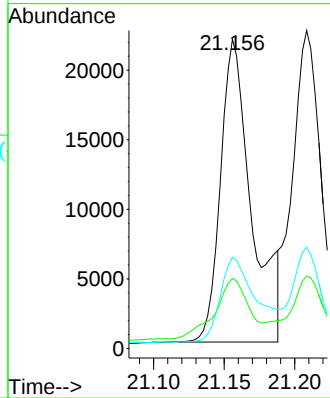
Tgt Ion:228 Resp: 33204
Ion Ratio Lower Upper
228 100
229 22.7 16.1 24.1
226 29.5 21.9 32.9

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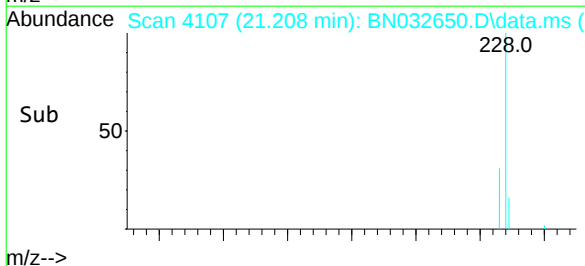
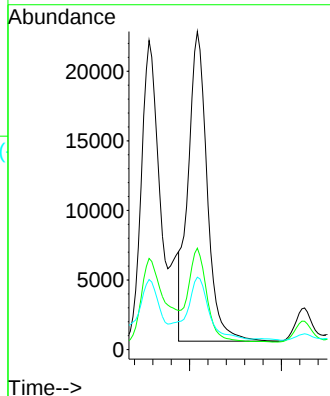
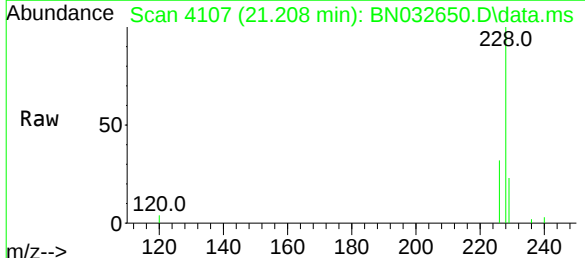
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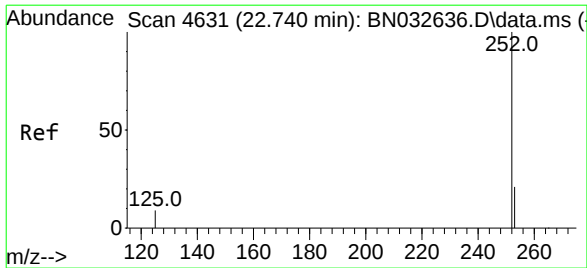
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#22
Chrysene
Concen: 0.426 ng/u1
RT: 21.208 min Scan# 4107
Delta R.T. -0.023 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

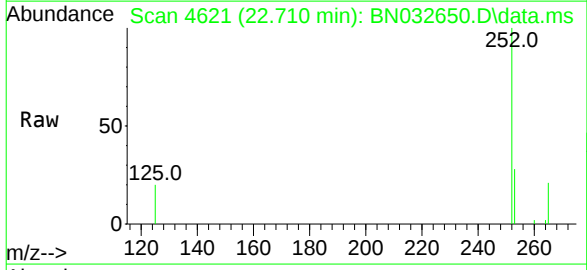
Tgt Ion:228 Resp: 32099
Ion Ratio Lower Upper
228 100
226 31.9 24.0 36.0
229 22.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.821 ng/u1 m
RT: 22.710 min Scan# 4621
Delta R.T. -0.023 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
BNA_N
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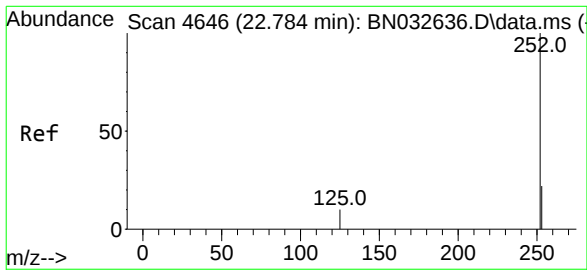
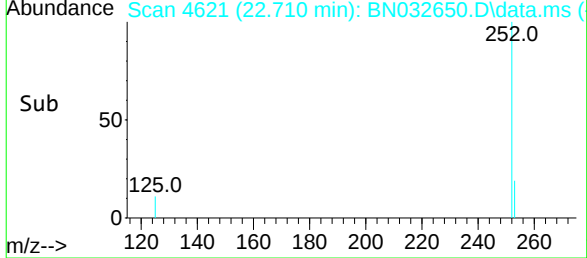
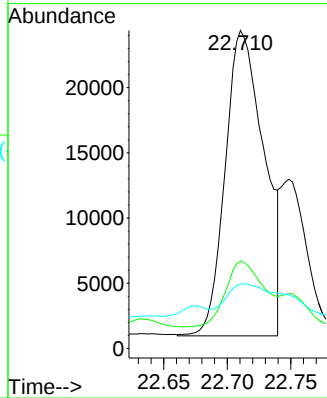
Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	54.0
125	20.3	0.0	36.0

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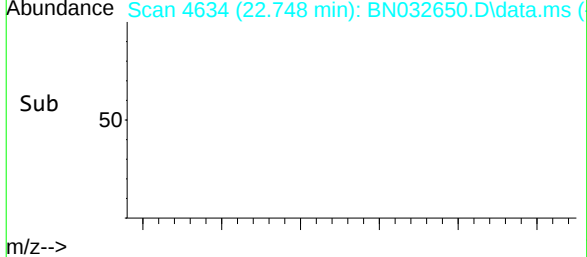
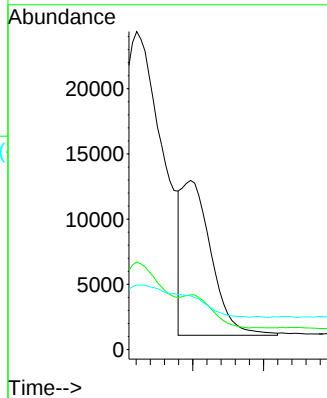
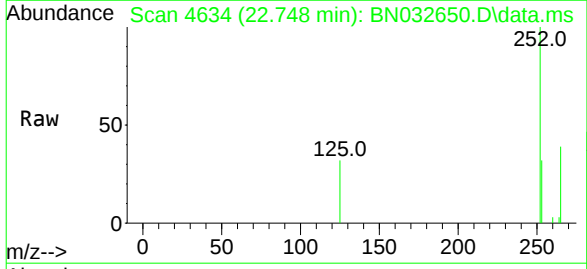
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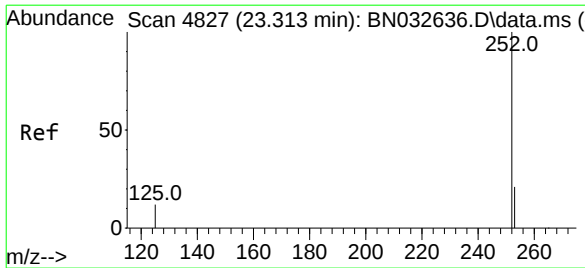
07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.232 ng/u1 m
RT: 22.748 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

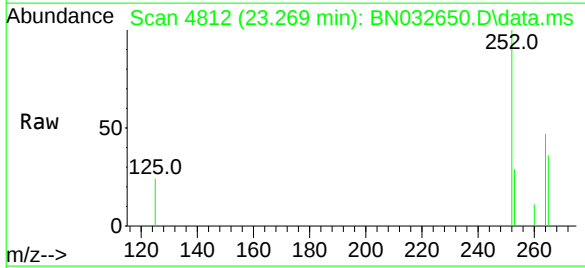
Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.4	21.2	31.8#
125	31.8	14.8	22.2#





#26
Benzo(a)pyrene
Concen: 0.640 ng/u1
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
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ClientSampleId :
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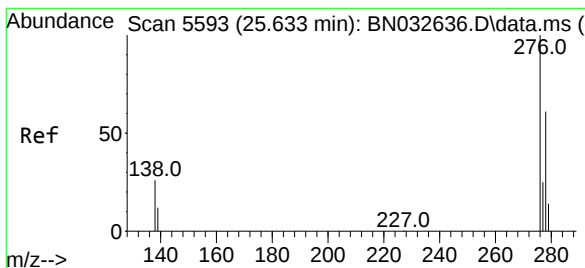
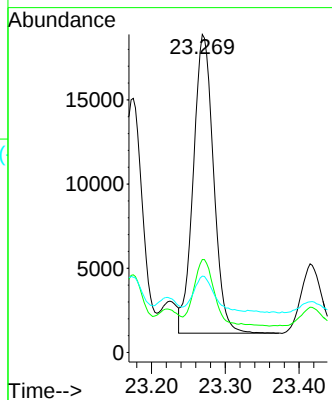
Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	25.4	38.0
125	24.0	20.6	30.8

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Supervised By :mohammad ahmed 07/16/2024

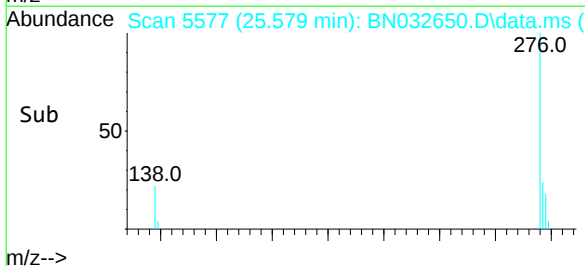
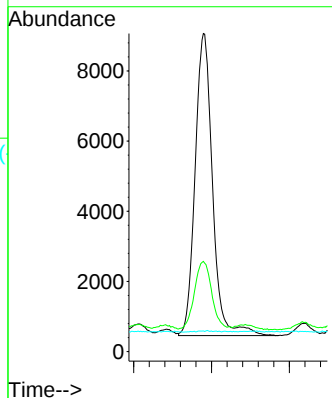
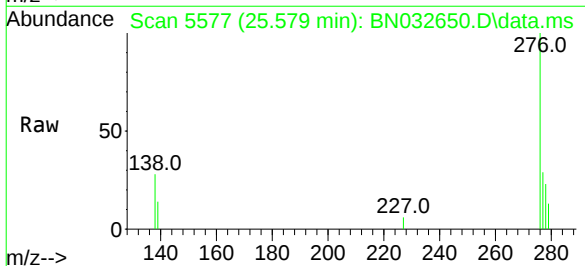
07/12/2024
Supervised By :mohammad
ahmed

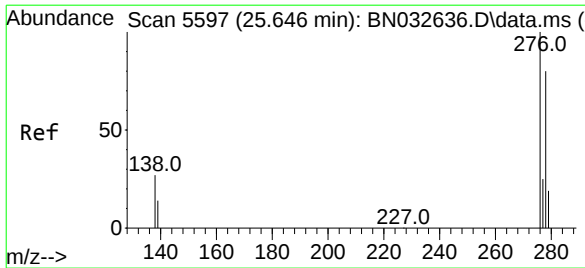
07/16/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng/u1
RT: 25.579 min Scan# 5577
Delta R.T. -0.047 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

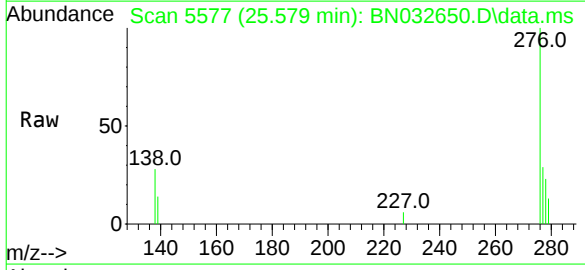
Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	21.6	32.4
227	0.1	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.579 min Scan# 5594
Delta R.T. -0.060 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Instrument :
BNA_N
ClientSampleId :
A4CX4



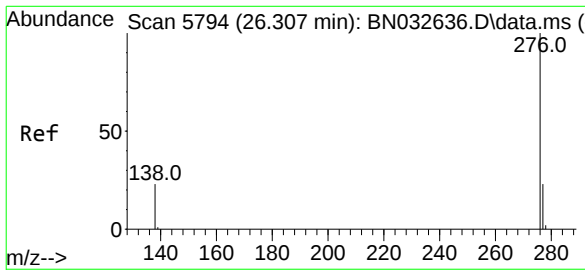
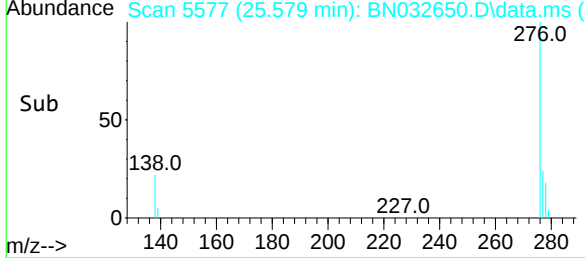
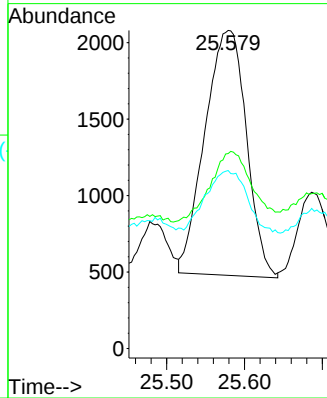
Tgt Ion	Ratio	Lower	Upper
278	100		
139	61.3	16.6	24.8
279	56.0	23.7	35.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

07/12/2024
Supervised By :mohammad
ahmed

07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 26.260 min Scan# 5780
Delta R.T. -0.040 min
Lab File: BN032650.D
Acq: 11 Jul 2024 23:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.0	31.4
277	29.4	20.6	31.0

