

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
 Data File : BN030255.D
 Acq On : 04 Mar 2024 14:00
 Operator : MA/JU
 Sample : P1512-10
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0SC3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024

Quant Time: Mar 04 14:45:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Mar 04 05:54:20 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	1424	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	3770	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.474	164	1884	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	3889	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.441	240	3856	0.400	ng/ul	# 0.00
23) Perylene-d12	23.791	264	4244m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	9477	4.807	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	1546	0.317	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	3419	0.272	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.672	128	1207	0.109	ng/ul#	92
7) 2-Methylnaphthalene	12.300	142	268	0.044	ng/ul	100
8) 1-Methylnaphthalene	12.514	142	181	0.028	ng/ul	96
10) Acenaphthylene	14.192	152	543	0.052	ng/ul#	68
11) Acenaphthene	14.534	153	234	0.030	ng/ul	91
12) Fluorene	15.529	166	308	0.039	ng/ul#	92
15) Phenanthrene	17.268	178	3562	0.273	ng/ul	99
16) Anthracene	17.361	178	1224	0.107	ng/ul#	89
19) Fluoranthene	19.295	202	14447	0.843	ng/ul	96
20) Pyrene	19.658	202	14082	0.756	ng/ul	97
21) Benzo(a)anthracene	21.426	228	6759	0.496	ng/ul	94
22) Chrysene	21.476	228	6110	0.373	ng/ul	97
24) Benzo(b)fluoranthene	23.081	252	10792m	0.659	ng/ul	
25) Benzo(k)fluoranthene	23.124	252	4672m	0.242	ng/ul	
26) Benzo(a)pyrene	23.683	252	7418	0.445	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.215	276	5954	0.280	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.239	278	1351	0.082	ng/ul#	56
29) Benzo(g,h,i)perylene	26.956	276	6545	0.332	ng/ul	97

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

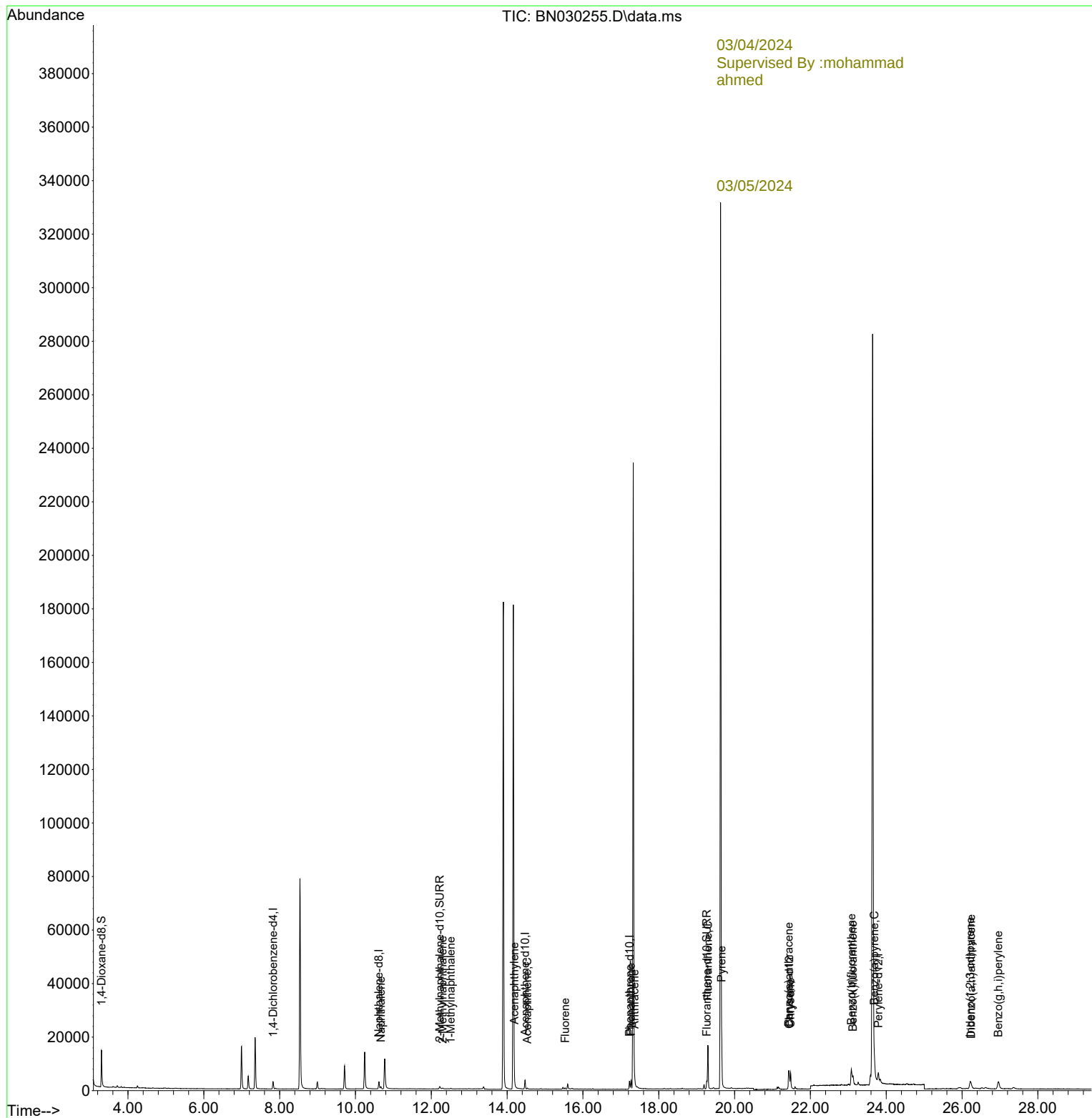
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030224\
Data File : BN030255.D
Acq On : 04 Mar 2024 14:00
Operator : MA/JU
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ALS Vial : 78 Sample Multiplier: 1

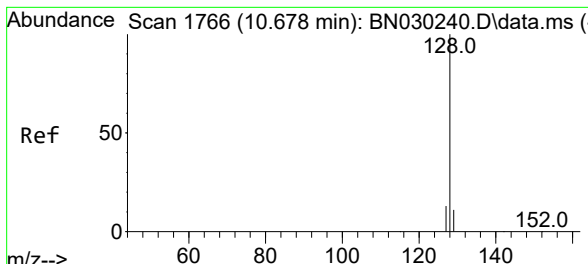
Instrument :
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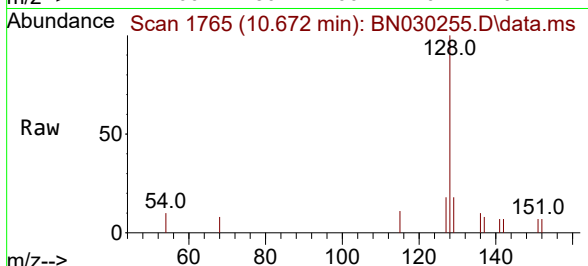
Quant Time: Mar 04 14:45:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN030224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 05:54:20 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.672 min Scan# 1765
Delta R.T. -0.006 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

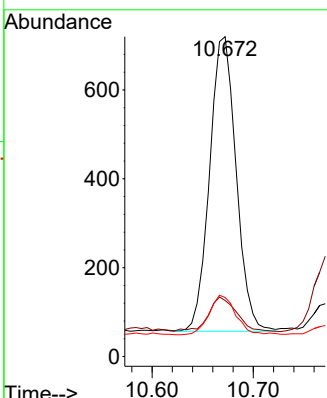
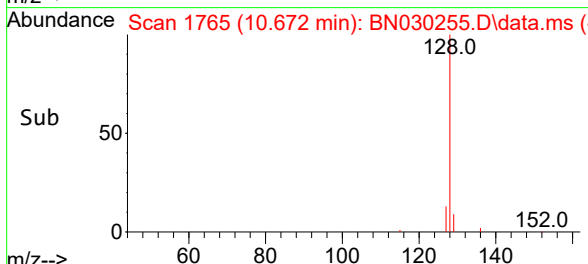
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:	128	Resp:	120
Ion Ratio	Lower	Upper	
128	100		
129	17.5	11.0	16.4
127	18.5	12.3	18.5

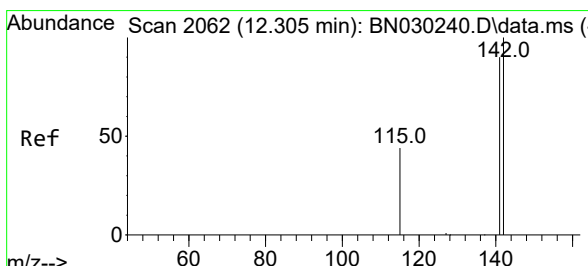
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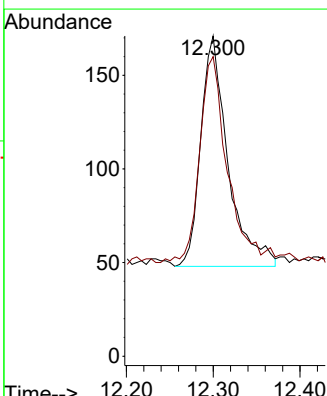
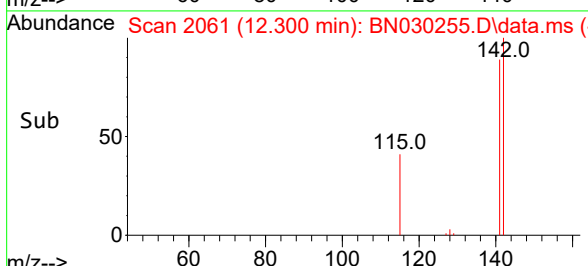
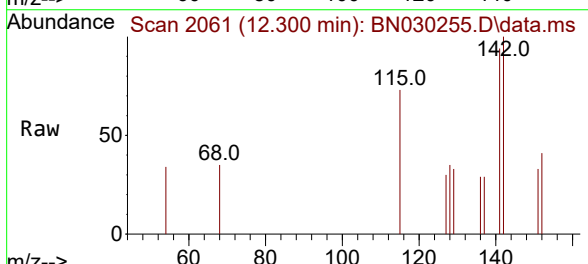
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Supervised By :mohammad
ahmed

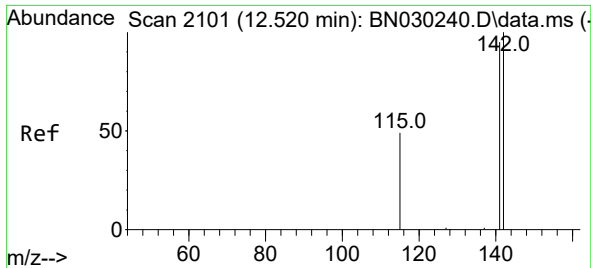
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#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.300 min Scan# 2061
Delta R.T. -0.006 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

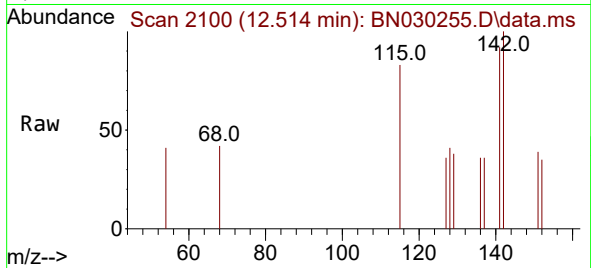
Tgt Ion:	142	Resp:	268
Ion Ratio	Lower	Upper	
142	100		
141	91.0	72.8	109.2





#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.514 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

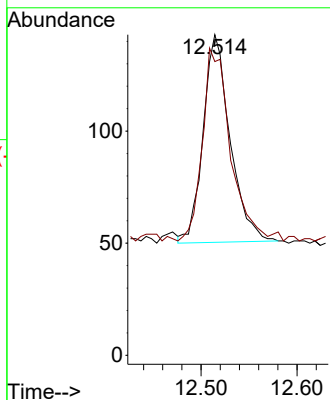
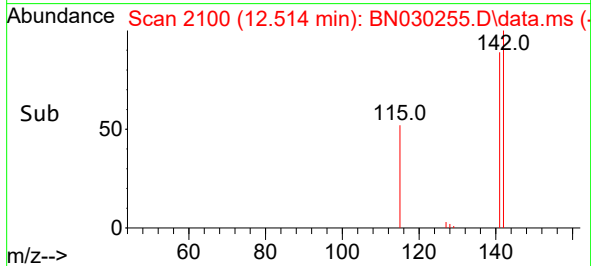
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:142 Resp: 183
Ion Ratio Lower Upper
142 100
141 96.7 74.2 111.2

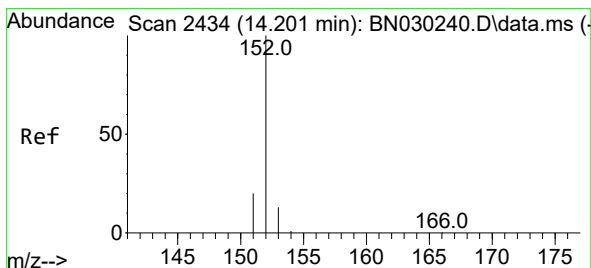
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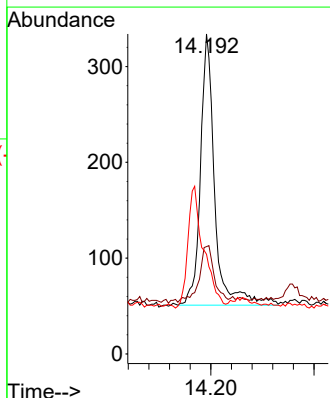
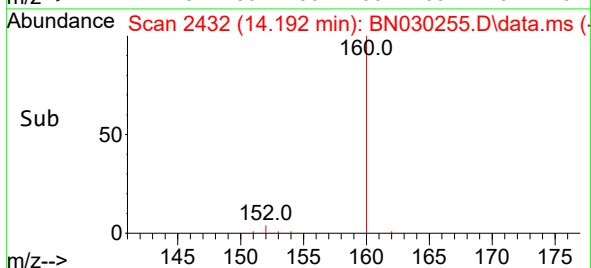
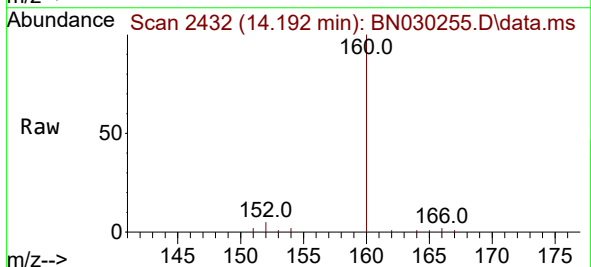
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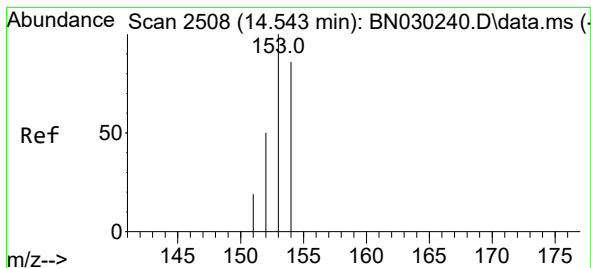
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#10
Acenaphthylene
Concen: 0.052 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

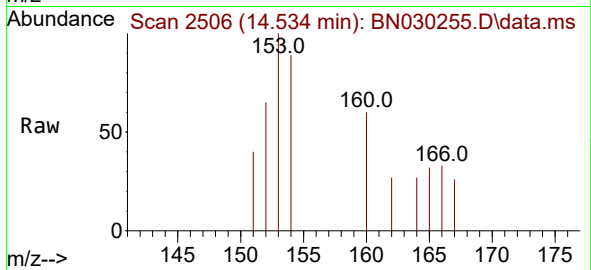
Tgt Ion:152 Resp: 543
Ion Ratio Lower Upper
152 100
151 33.5 16.9 25.3#
153 31.1 11.8 17.6#





#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.534 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

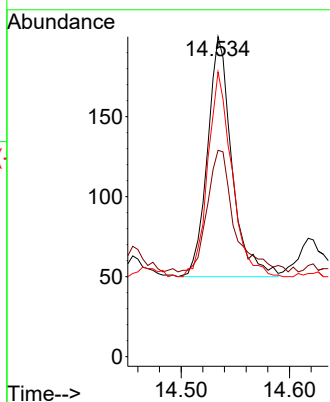
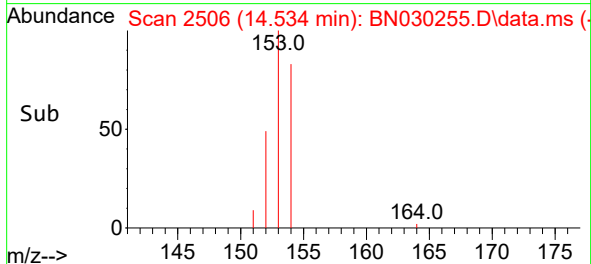
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:153 Resp: 234
Ion Ratio Lower Upper
153 100
152 64.5 43.2 64.8
154 89.0 67.5 101.3

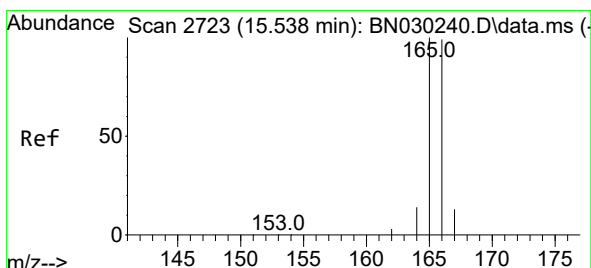
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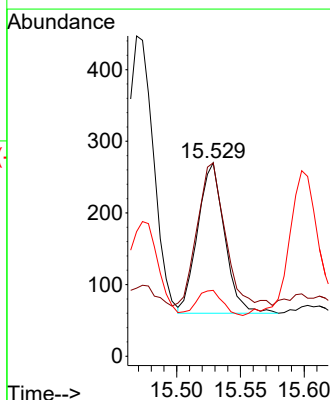
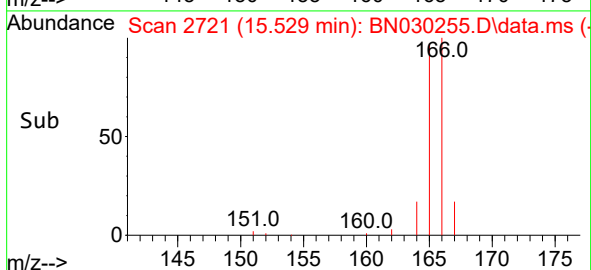
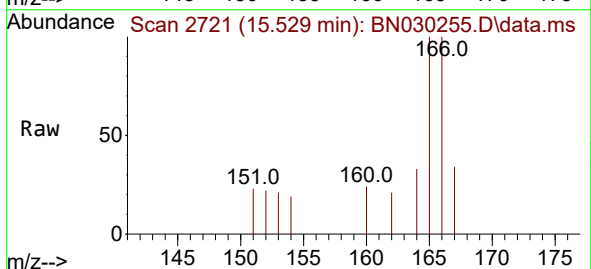
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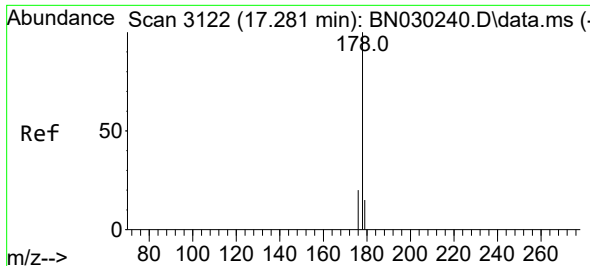
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#12
Fluorene
Concen: 0.039 ng/ul
RT: 15.529 min Scan# 2721
Delta R.T. -0.009 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

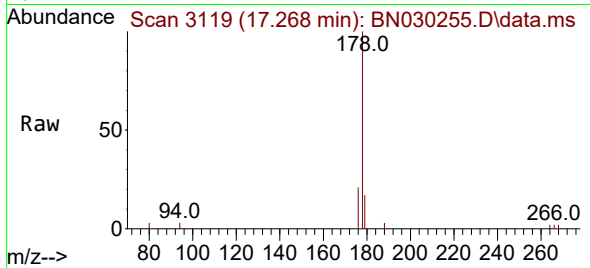
Tgt Ion:166 Resp: 308
Ion Ratio Lower Upper
166 100
165 100.0 81.8 122.6
167 34.1 13.0 19.4#





#15
Phenanthrene
Concen: 0.273 ng/ul
RT: 17.268 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

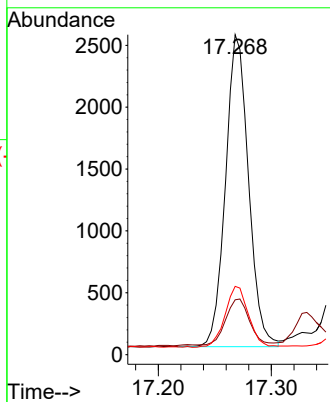
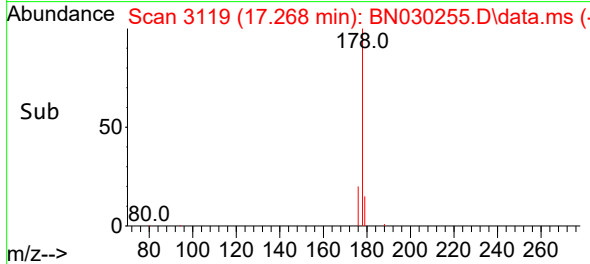
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:178 Resp: 3562
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.8
176 21.3 16.6 25.0

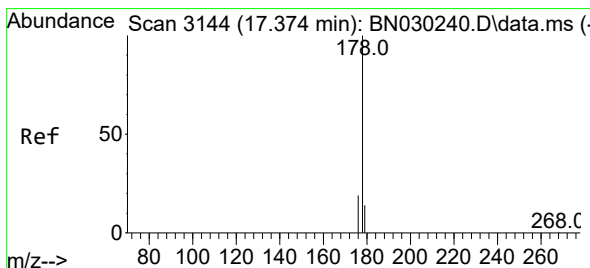
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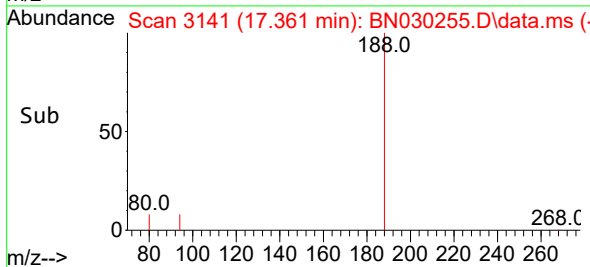
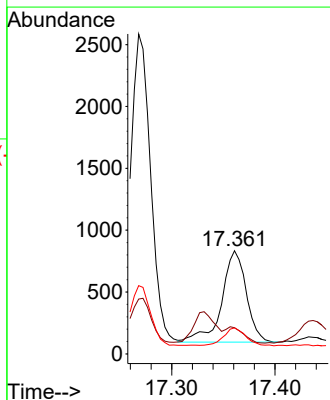
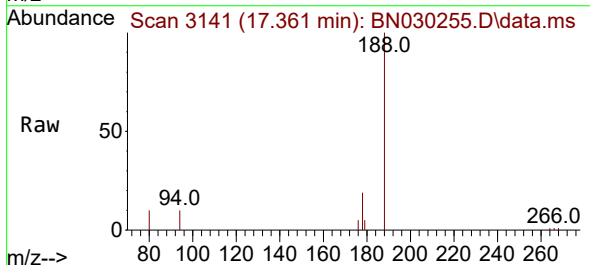
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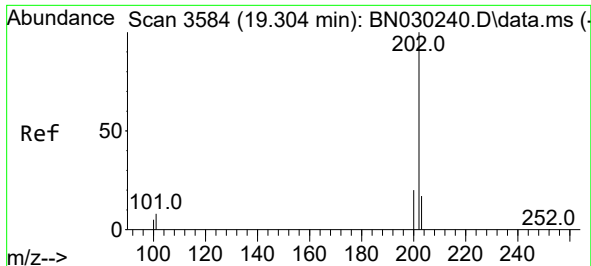
03/05/2024



#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.361 min Scan# 3141
Delta R.T. -0.013 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

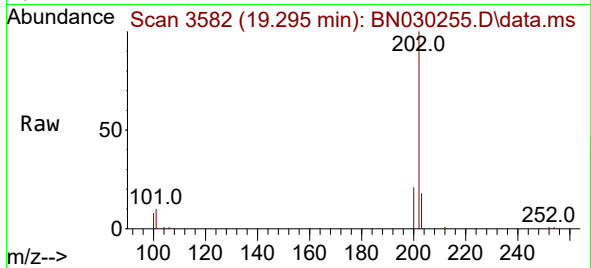
Tgt Ion:178 Resp: 1224
Ion Ratio Lower Upper
178 100
179 25.4 14.8 22.2#
176 25.3 17.8 26.6





#19
Fluoranthene
Concen: 0.843 ng/ul
RT: 19.295 min Scan# 3584
Delta R.T. -0.009 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

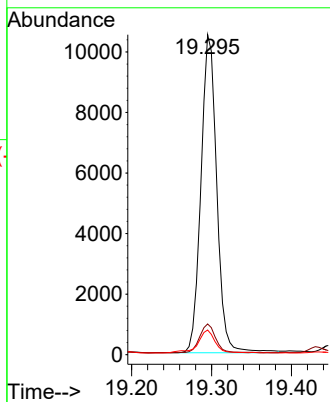
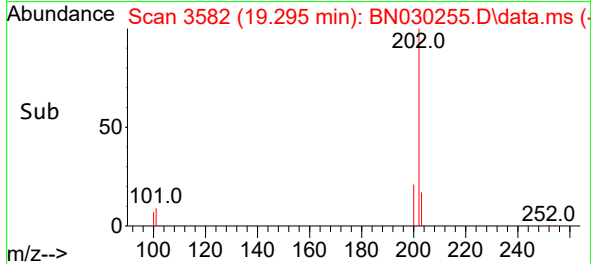
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:202 Resp: 1444
Ion Ratio Lower Upper
202 100
101 9.6 8.8 13.2
100 7.7 7.4 11.2

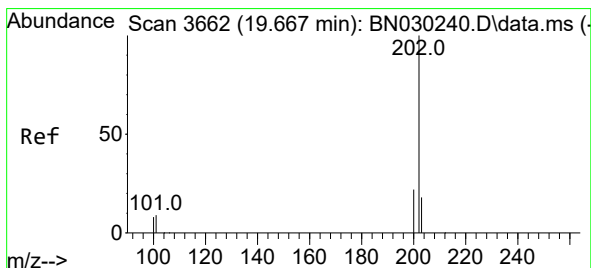
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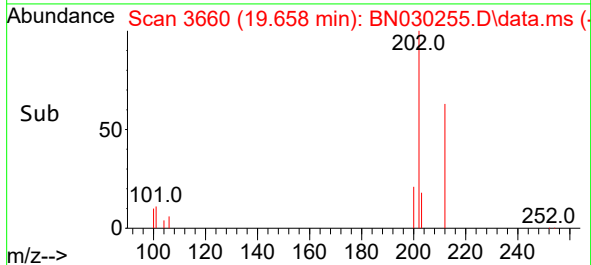
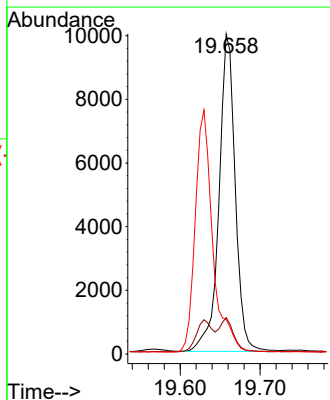
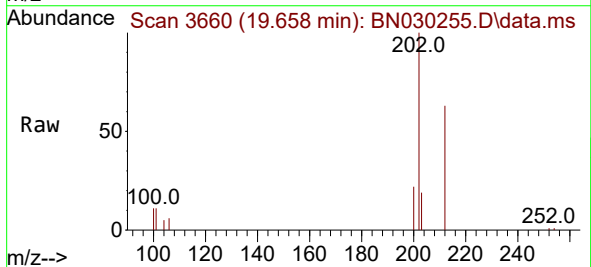
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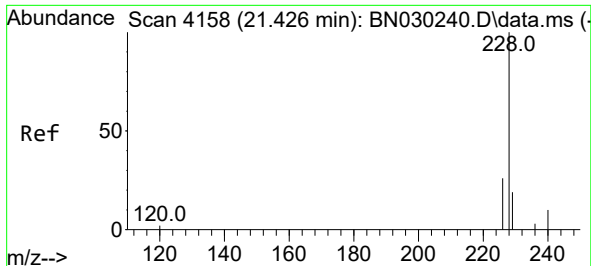
03/05/2024



#20
Pyrene
Concen: 0.756 ng/ul
RT: 19.658 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

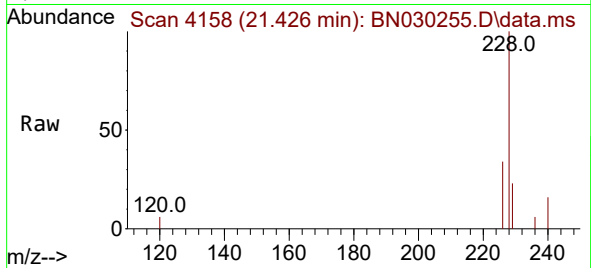
Tgt Ion:202 Resp: 14082
Ion Ratio Lower Upper
202 100
101 11.3 10.6 15.8
100 10.7 8.8 13.2





#21
Benzo(a)anthracene
Concen: 0.496 ng/ul
RT: 21.426 min Scan# 4158
Delta R.T. -0.000 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

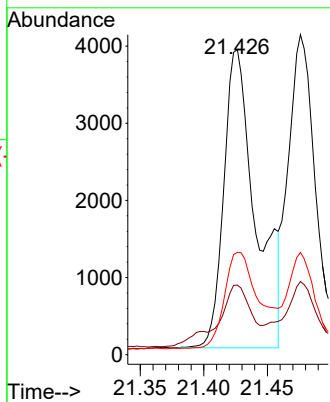
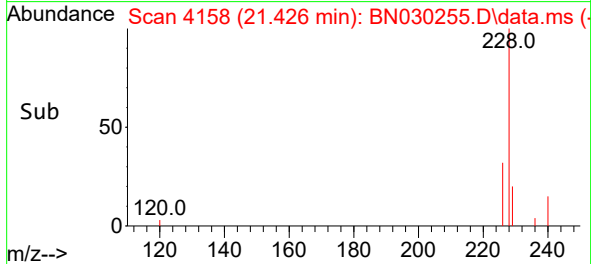
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:228 Resp: 6759
Ion Ratio Lower Upper
228 100
229 22.8 16.6 24.8
226 33.6 23.7 35.5

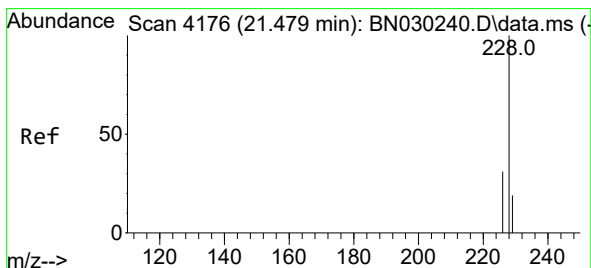
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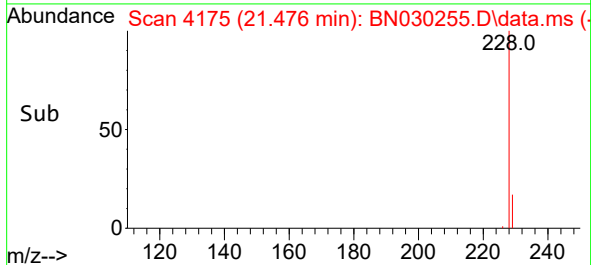
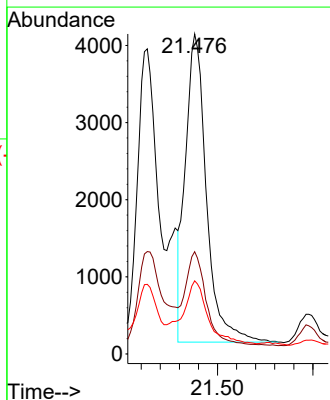
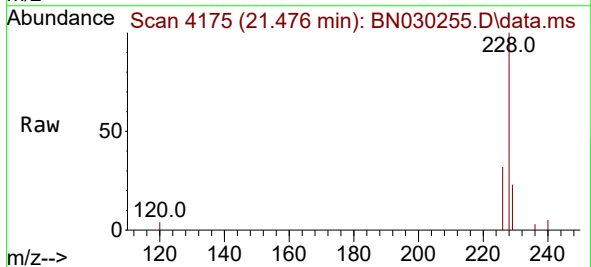
03/04/2024
Supervised By :mohammad
ahmed

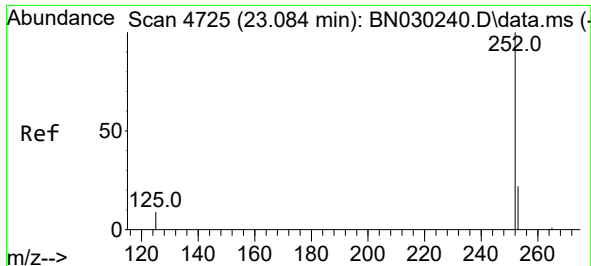
03/05/2024



#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.476 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

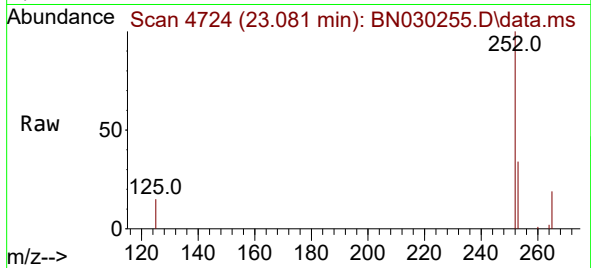
Tgt Ion:228 Resp: 6110
Ion Ratio Lower Upper
228 100
226 32.0 24.6 37.0
229 22.9 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.659 ng/ul m
RT: 23.081 min Scan# 4725
Delta R.T. -0.003 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

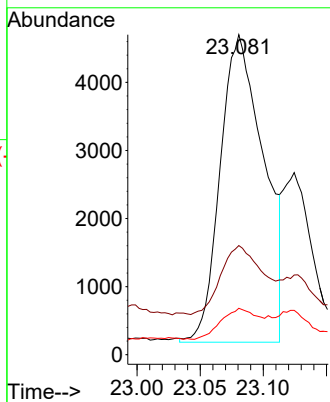
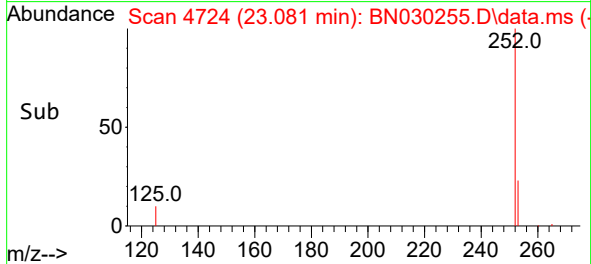
Instrument :
BNA_N
ClientSampleId :
E0SC3



Tgt Ion:252 Resp: 10792
Ion Ratio Lower Upper
252 100
253 34.1 0.0 69.4
125 14.5 0.0 32.8

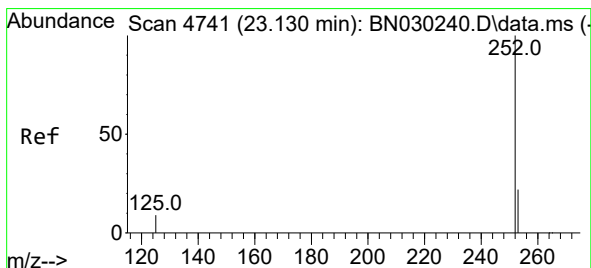
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Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024

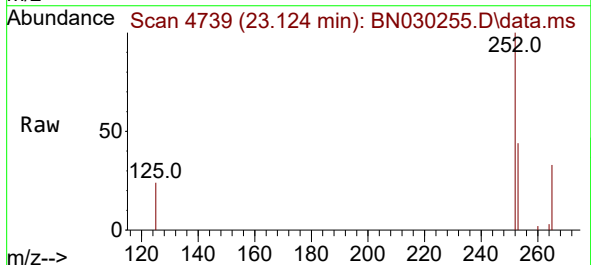


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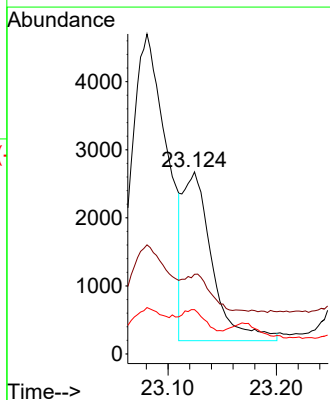
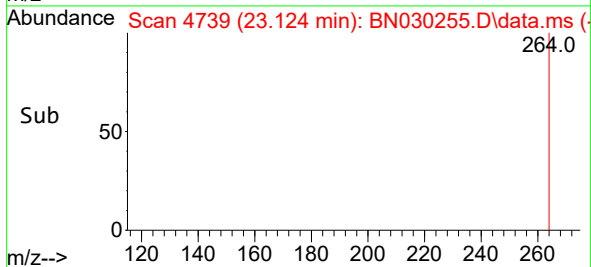
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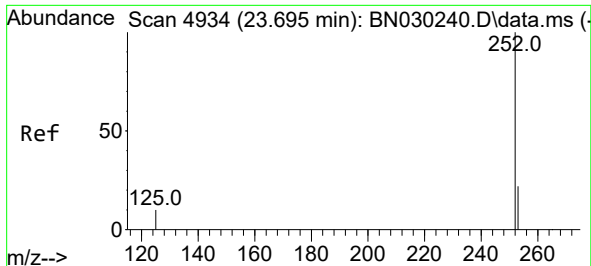


#25
Benzo(k)fluoranthene
Concen: 0.242 ng/ul m
RT: 23.124 min Scan# 4739
Delta R.T. -0.006 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00



Tgt Ion:252 Resp: 4672
Ion Ratio Lower Upper
252 100
253 43.8 28.0 42.0#
125 24.3 14.4 21.6#





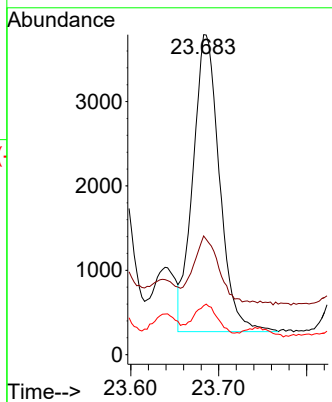
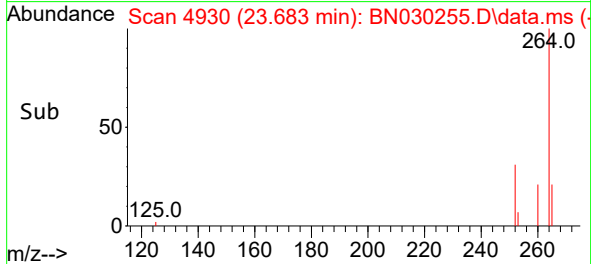
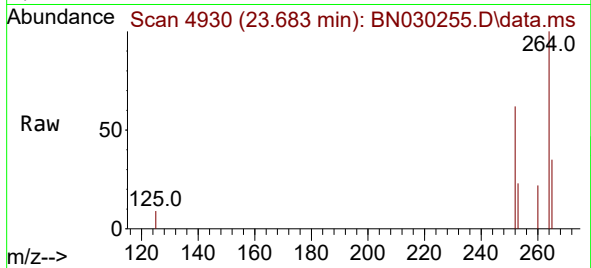
#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.683 min Scan# 4930
Delta R.T. -0.012 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

Instrument :
BNA_N
ClientSampleId :
E0SC3

Tgt Ion:	252	Resp:	7418
Ion Ratio	Lower	Upper	
252	100		
253	37.1	33.0	49.4
125	15.3	16.9	25.3

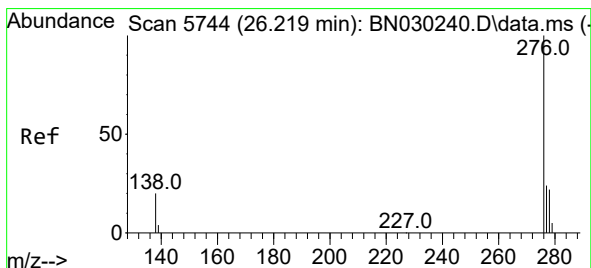
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Reviewed By :Jagrut Upadhyay 03/04/2024
Supervised By :mohammad ahmed 03/05/2024



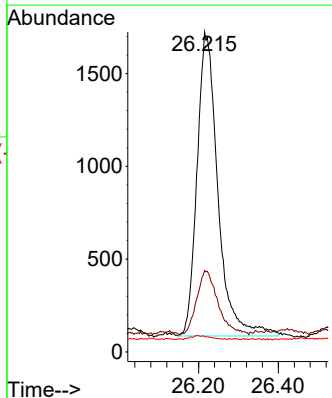
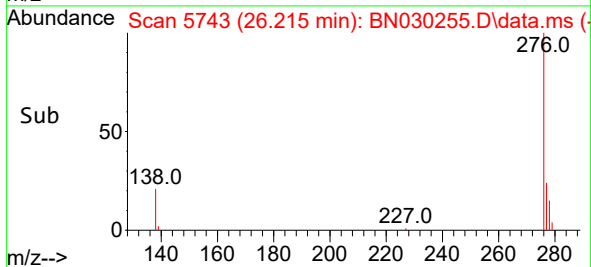
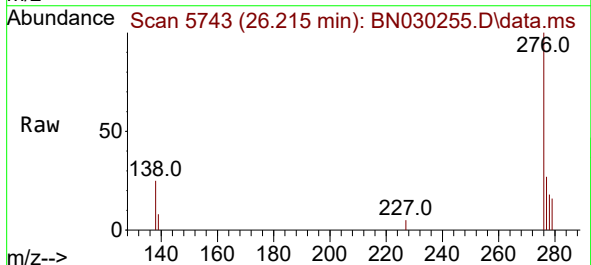
03/04/2024
Supervised By :mohammad
ahmed

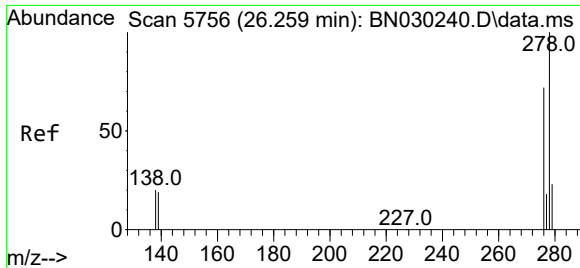
03/05/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.215 min Scan# 5743
Delta R.T. -0.004 min
Lab File: BN030255.D
Acq: 04 Mar 2024 14:00

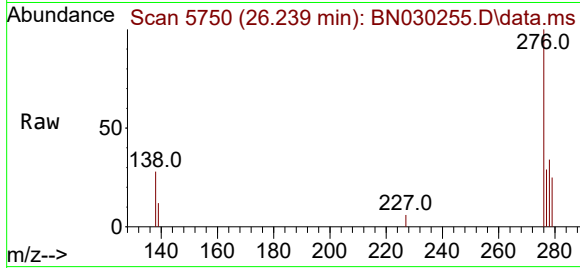
Tgt Ion:	276	Resp:	5954
Ion Ratio	Lower	Upper	
276	100		
138	21.4	20.9	31.3
227	1.1	0.1	0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.082 ng/ul
 RT: 26.239 min Scan# 5750
 Delta R.T. -0.020 min
 Lab File: BN030255.D
 Acq: 04 Mar 2024 14:00

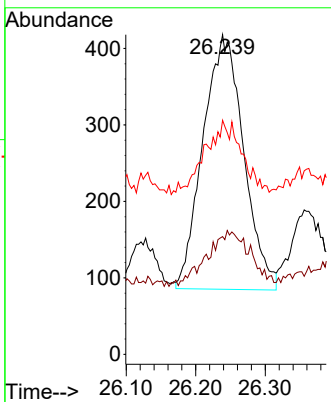
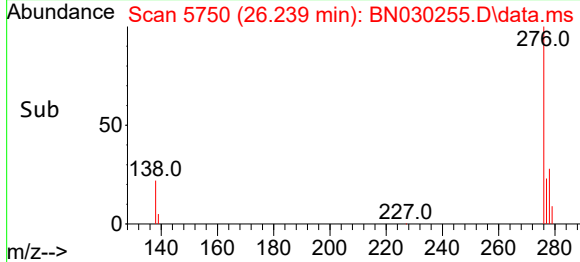
Instrument :
 BNA_N
 ClientSampleId :
 E0SC3



Tgt Ion: 278 Resp: 135
 Ion Ratio Lower Upper
 278 100
 139 36.8 18.9 28.3
 279 73.2 31.8 47.6

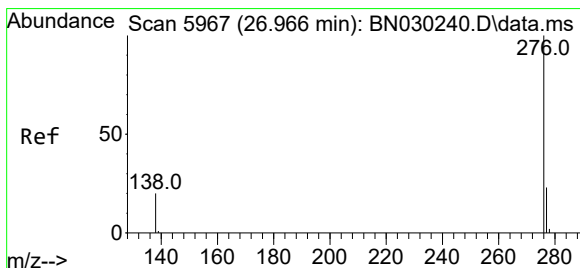
Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/04/2024
 Supervised By :mohammad ahmed 03/05/2024



03/04/2024
 Supervised By :mohammad
 ahmed

03/05/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.332 ng/ul
 RT: 26.956 min Scan# 5964
 Delta R.T. -0.010 min
 Lab File: BN030255.D
 Acq: 04 Mar 2024 14:00

Tgt Ion: 276 Resp: 6545
 Ion Ratio Lower Upper
 276 100
 138 25.7 22.6 33.8
 277 26.7 21.9 32.9

