

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026992.D
 Acq On : 21 Aug 2023 14:39
 Operator : MA/JU
 Sample : 03967-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 01:38:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	9403	0.400	ng/u1	0.00
4) Naphthalene-d8	10.927	136	27268	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.731	164	17434	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.472	188	42148	0.400	ng/u1	0.00
17) Chrysene-d12	21.647	240	32027	0.400	ng/u1	0.00
23) Perylene-d12	24.190	264	31304	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	3235	0.290	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.500	152	8135	0.203	ng/u1	0.00
18) Fluoranthene-d10	19.492	212	21380	0.211	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.481	88	7579	0.665	ng/u1	96
5) Naphthalene	10.982	128	26065	0.338	ng/u1	100
7) 2-Methylnaphthalene	12.577	142	12858	0.275	ng/u1	99
8) 1-Methylnaphthalene	12.791	142	12138	0.248	ng/u1	99
10) Acenaphthylene	14.458	152	20043	0.205	ng/u1	99
11) Acenaphthene	14.791	153	15078	0.223	ng/u1	99
12) Fluorene	15.771	166	20664	0.270	ng/u1	99
15) Phenanthrene	17.515	178	209226	1.511	ng/u1	100
16) Anthracene	17.607	178	57772	0.462	ng/u1	100
19) Fluoranthene	19.520	202	391661	2.944	ng/u1	99
20) Pyrene	19.882	202	348819	2.457	ng/u1	100
21) Benzo(a)anthracene	21.630	228	177277	1.392	ng/u1	99
22) Chrysene	21.685	228	181967	1.447	ng/u1	99
24) Benzo(b)fluoranthene	23.398	252	225368m	1.903	ng/u1	
25) Benzo(k)fluoranthene	23.448	252	97223m	0.833	ng/u1	
26) Benzo(a)pyrene	24.076	252	140968	1.319	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.874	276	94154	0.674	ng/u1#	93
28) Dibenzo(a,h)anthracene	26.904	278	33474	0.300	ng/u1	95
29) Benzo(g,h,i)perylene	27.716	276	87736	0.754	ng/u1	99

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

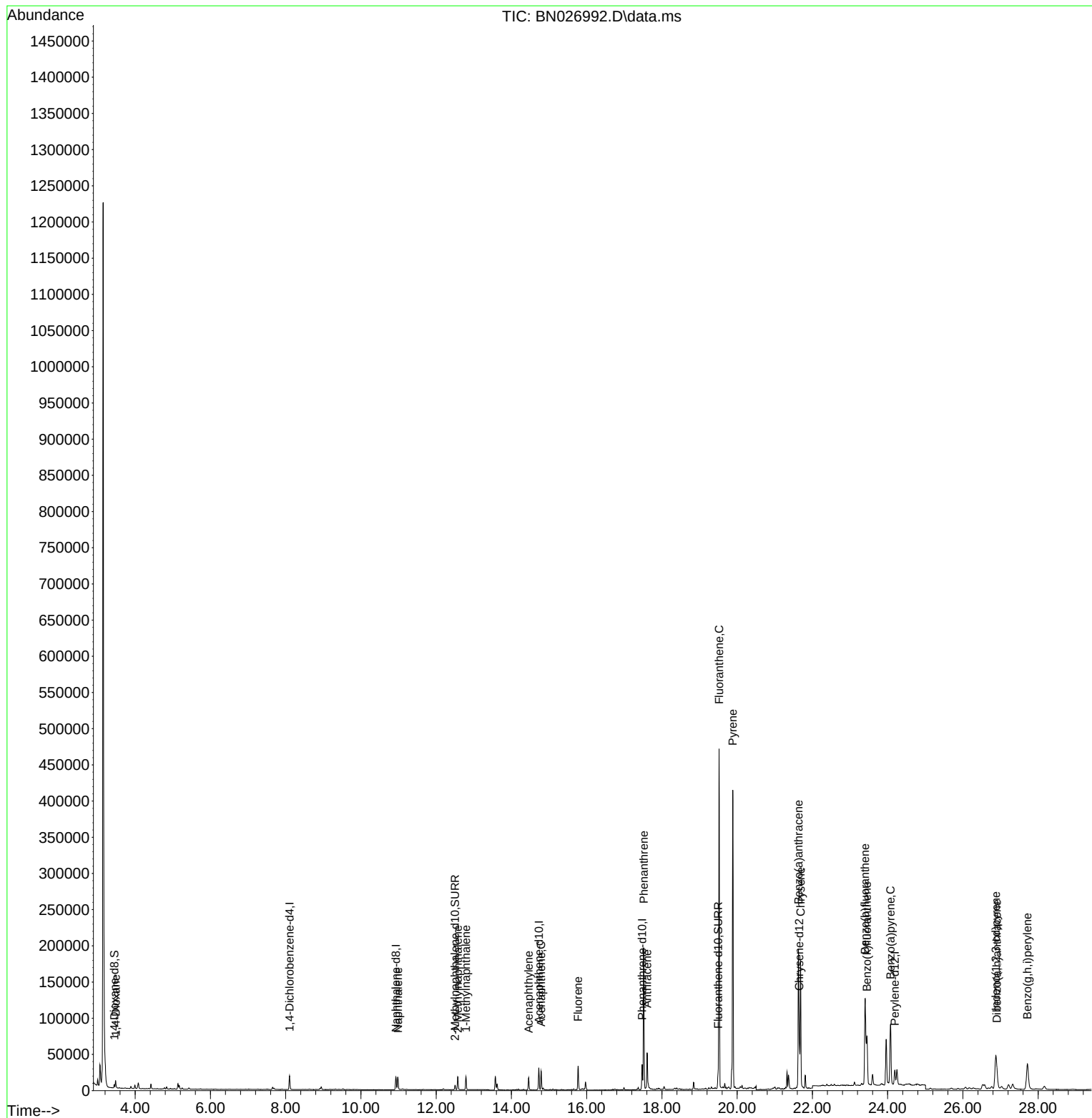
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN026992.D
Acq On : 21 Aug 2023 14:39
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Misc :
ALS Vial : 8 Sample Multiplier: 1

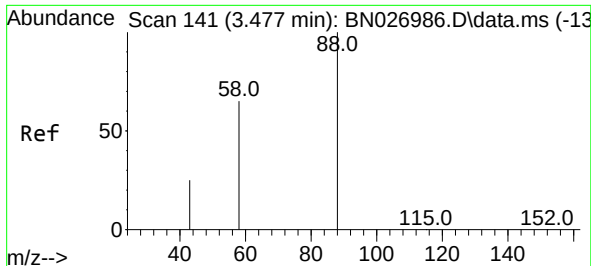
Instrument :
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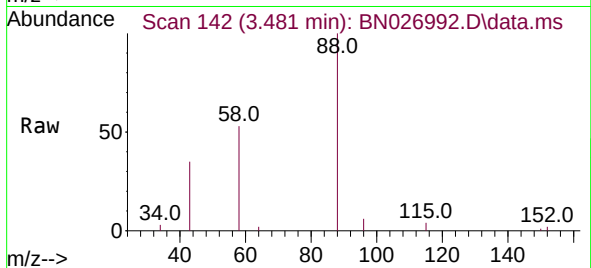
Quant Time: Aug 22 01:38:41 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.665 ng/ul
RT: 3.481 min Scan# 141
Delta R.T. 0.004 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

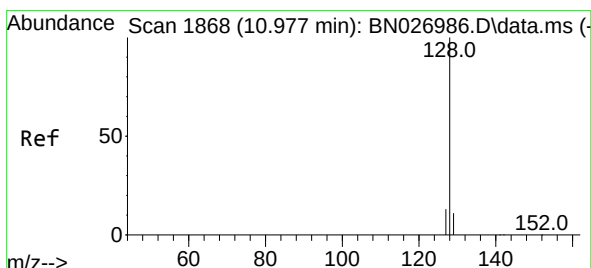
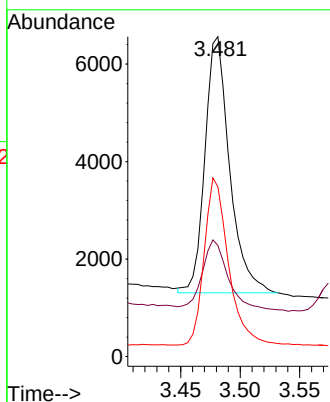
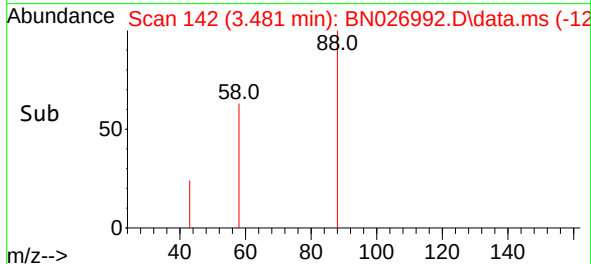
Instrument :
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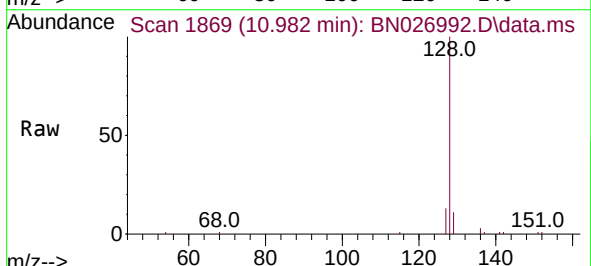
Tgt Ion: 88 Resp: 7579
Ion Ratio Lower Upper
88 100
43 34.7 28.0 42.0
58 53.1 46.0 69.0

Manual Integrations
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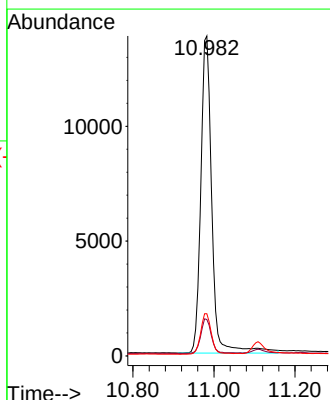
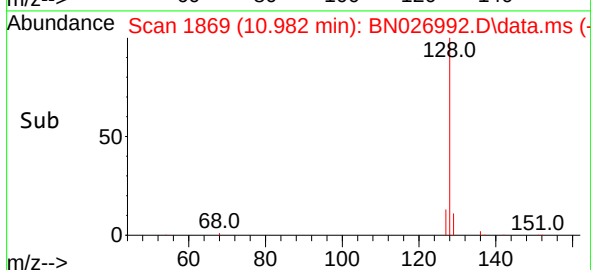
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

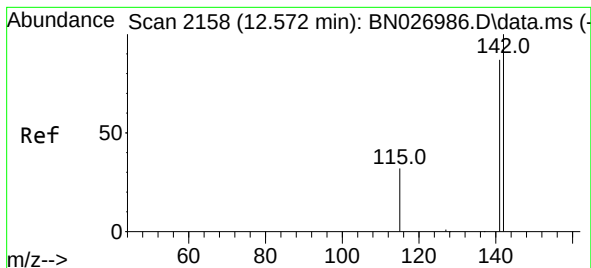


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



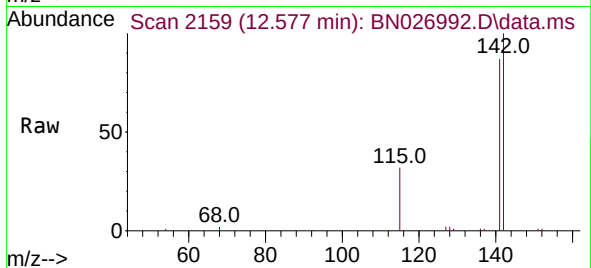
Tgt Ion:128 Resp: 26065
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.577 min Scan# 2158
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

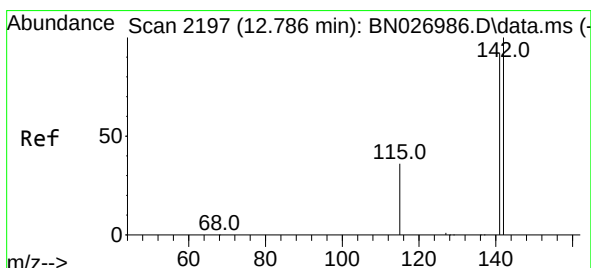
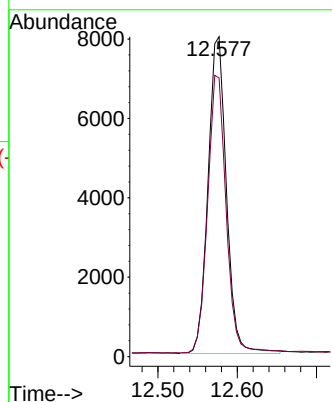
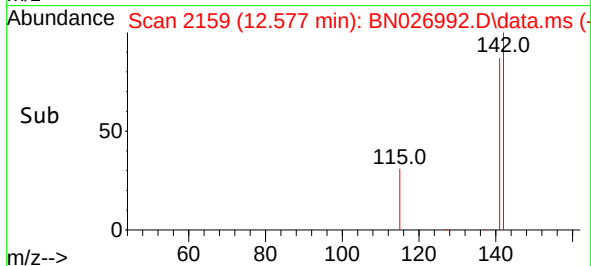
Instrument :
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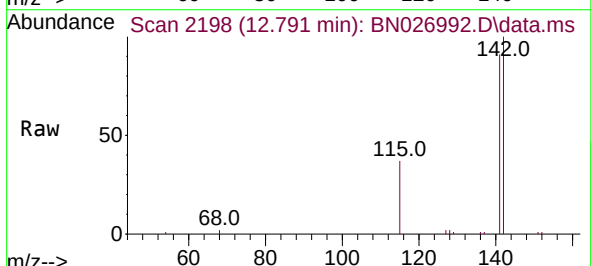
Tgt Ion:142 Resp: 12858
Ion Ratio Lower Upper
142 100
141 87.9 70.9 106.3

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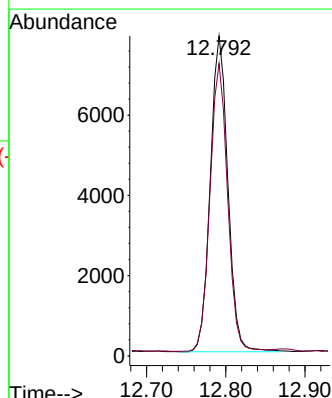
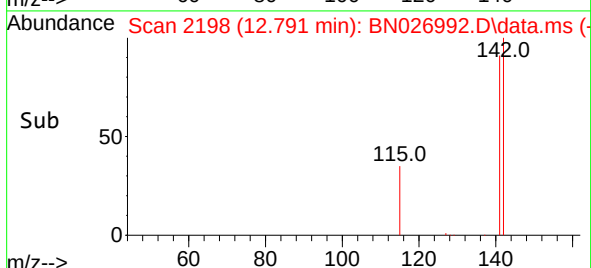
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

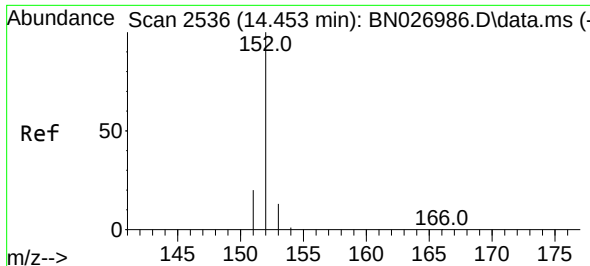


#8
1-Methylnaphthalene
Concen: 0.248 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



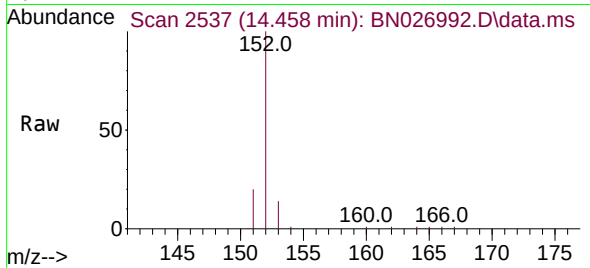
Tgt Ion:142 Resp: 12138
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8





#10
Acenaphthylene
Concen: 0.205 ng/ul
RT: 14.458 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

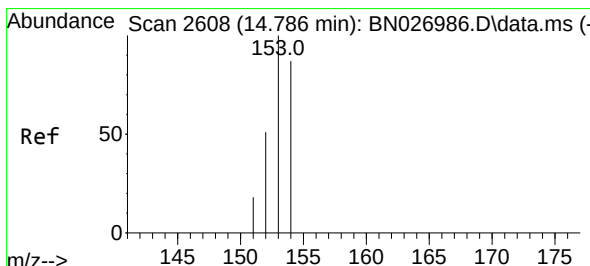
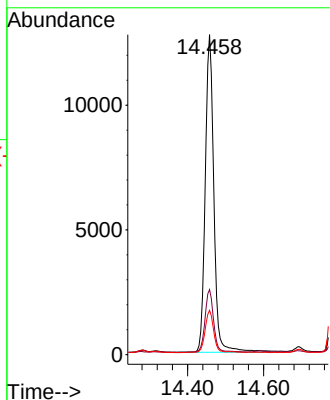
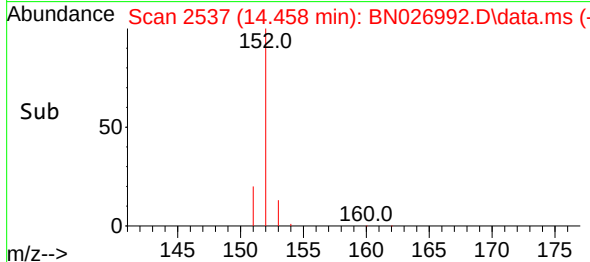
Instrument :
BNA_N
ClientSampleId :
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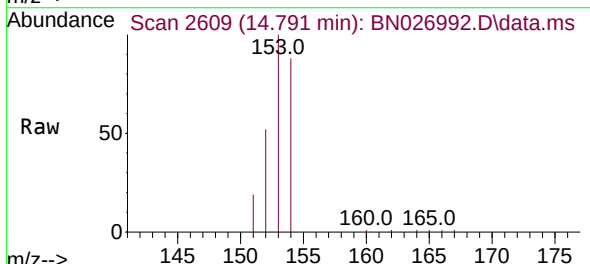
Tgt Ion:152 Resp: 20043
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.8 11.0 16.6

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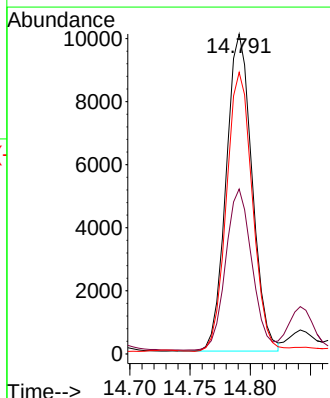
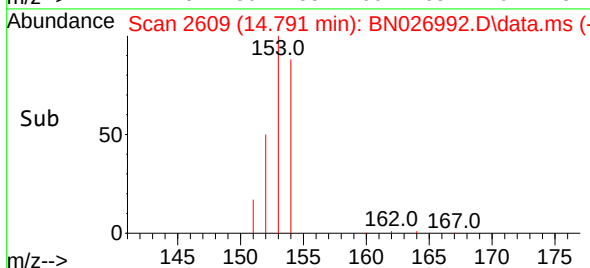
Reviewed By :Yogesh Patel 08/22/2023
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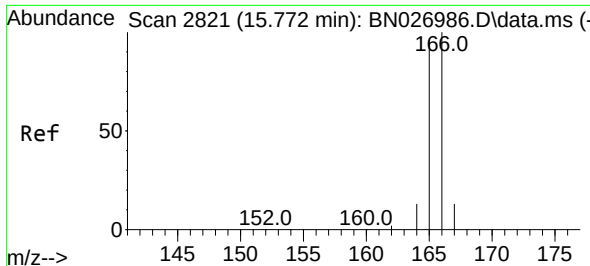


#11
Acenaphthene
Concen: 0.223 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



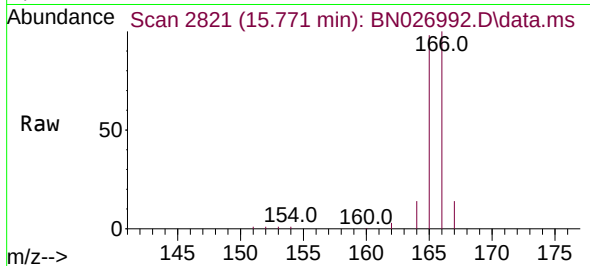
Tgt Ion:153 Resp: 15078
Ion Ratio Lower Upper
153 100
152 51.5 41.1 61.7
154 88.0 71.6 107.4





#12
Fluorene
Concen: 0.270 ng/ul
RT: 15.771 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

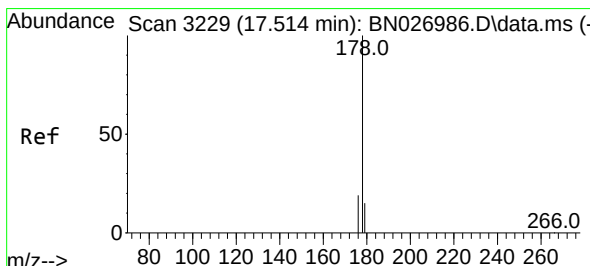
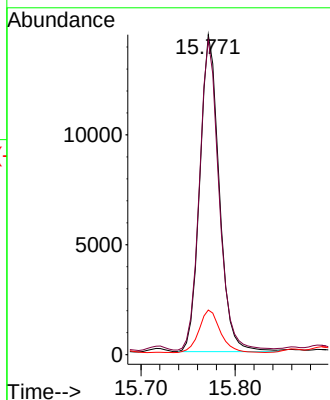
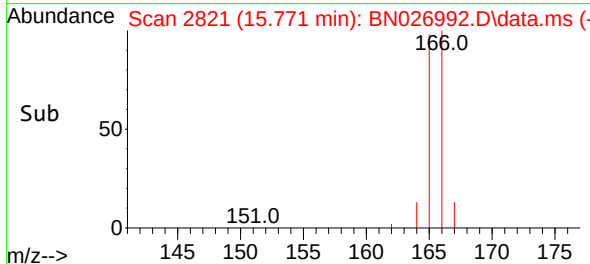
Instrument :
BNA_N
ClientSampleId :
A48K2MS



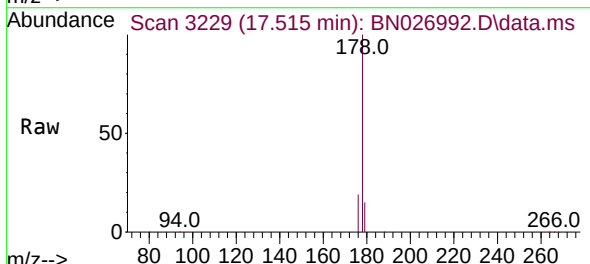
Tgt Ion:166 Resp: 20664
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.9 11.4 17.0

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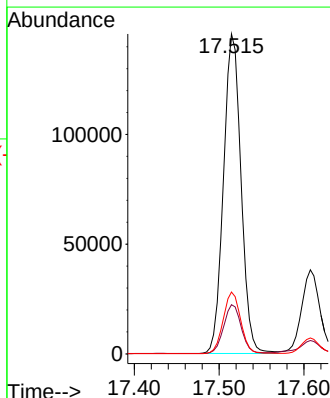
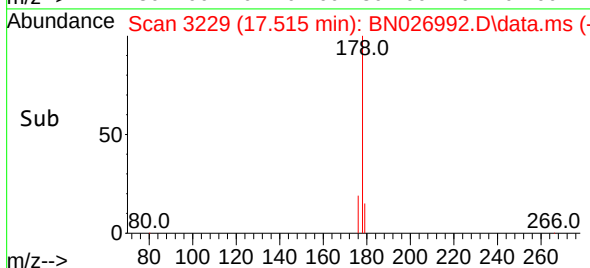
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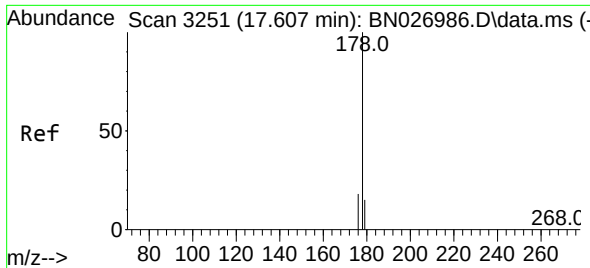


#15
Phenanthrene
Concen: 1.511 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



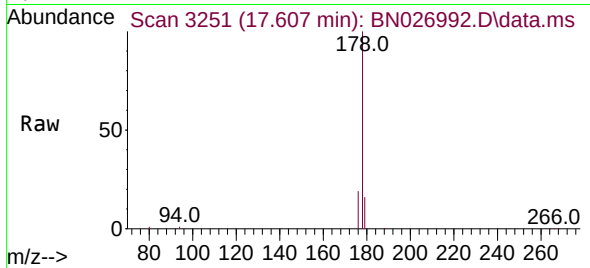
Tgt Ion:178 Resp: 209226
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.3 15.4 23.2





#16
 Anthracene
 Concen: 0.462 ng/ul
 RT: 17.607 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BN026992.D
 Acq: 21 Aug 2023 14:39

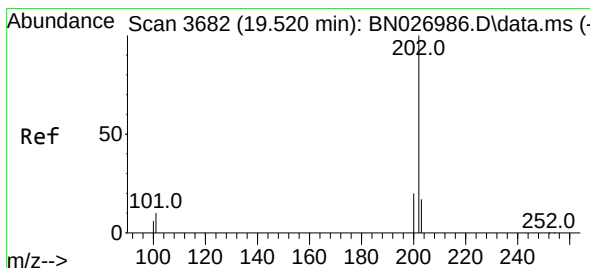
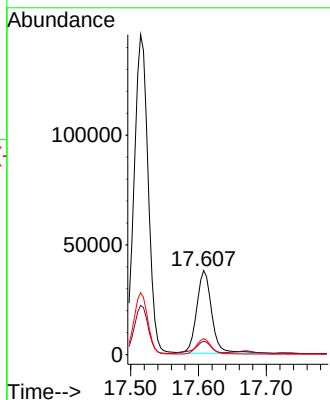
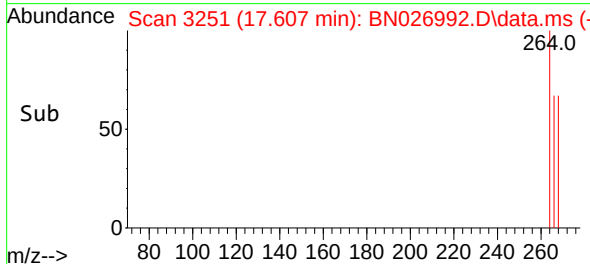
Instrument :
 BNA_N
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 A48K2MS



Tgt Ion:178 Resp: 57772
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 19.0
 176 18.9 15.0 22.6

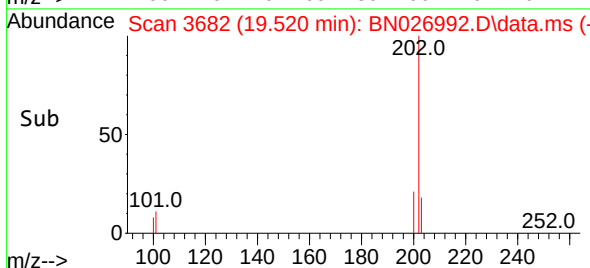
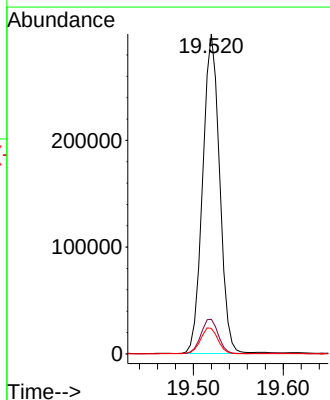
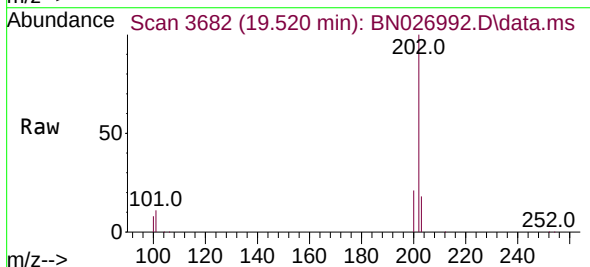
Manual Integrations
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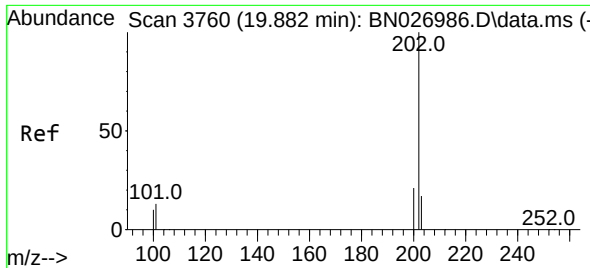
Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023



#19
 Fluoranthene
 Concen: 2.944 ng/ul
 RT: 19.520 min Scan# 3682
 Delta R.T. -0.005 min
 Lab File: BN026992.D
 Acq: 21 Aug 2023 14:39

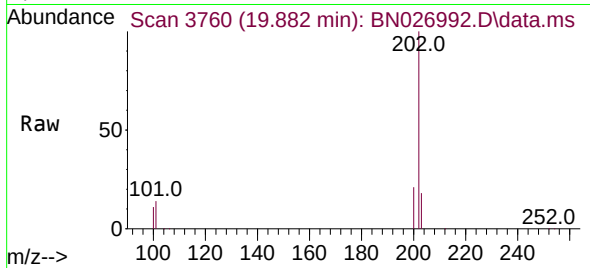
Tgt Ion:202 Resp: 391661
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.3 12.5
 100 8.0 6.2 9.2





#20
Pyrene
Concen: 2.457 ng/ul
RT: 19.882 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

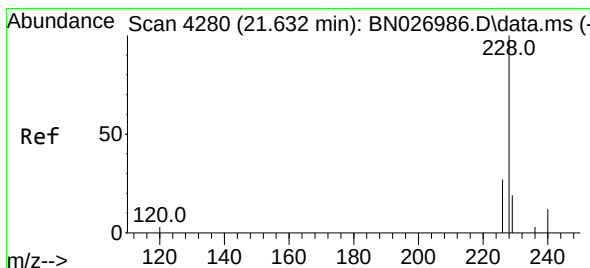
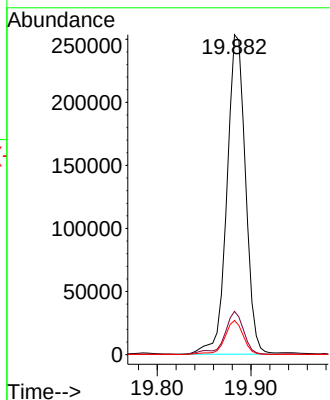
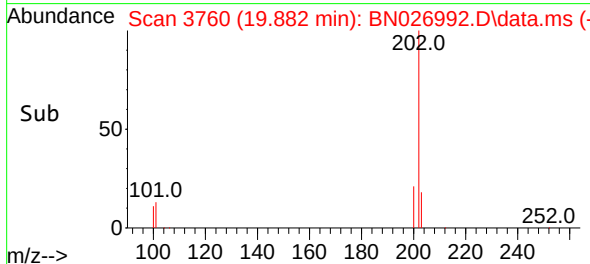
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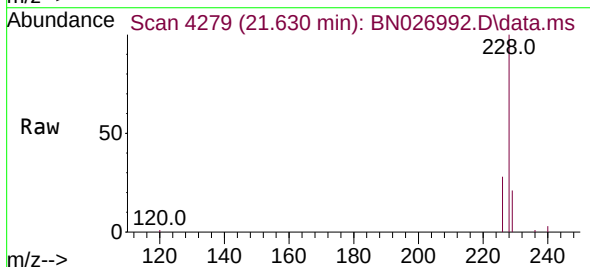
Tgt Ion:202 Resp: 348819
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 10.7 8.5 12.7

Manual Integrations
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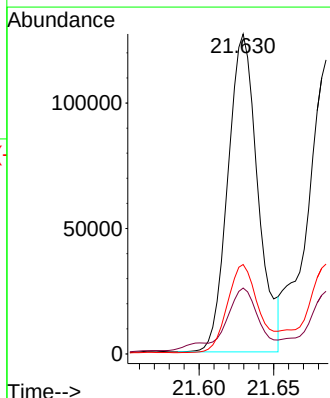
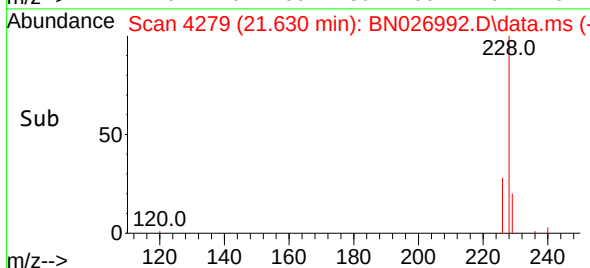
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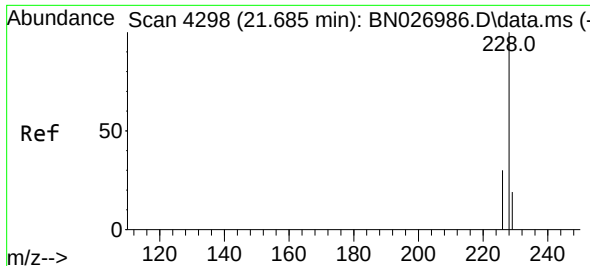


#21
Benzo(a)anthracene
Concen: 1.392 ng/ul
RT: 21.630 min Scan# 4279
Delta R.T. -0.003 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



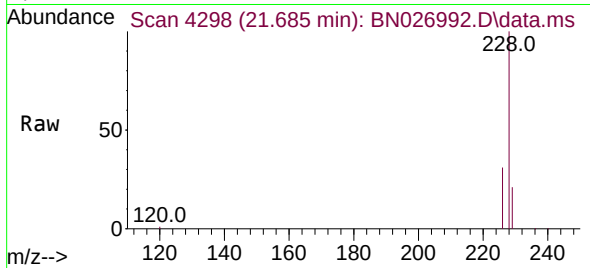
Tgt Ion:228 Resp: 177277
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 27.9 22.2 33.2





#22
Chrysene
Concen: 1.447 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

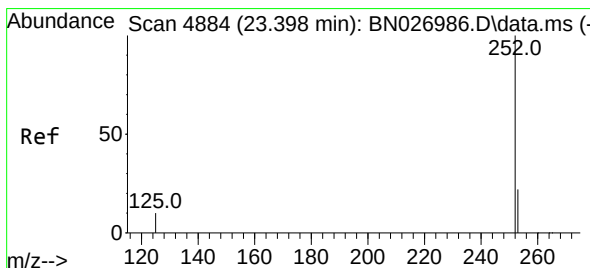
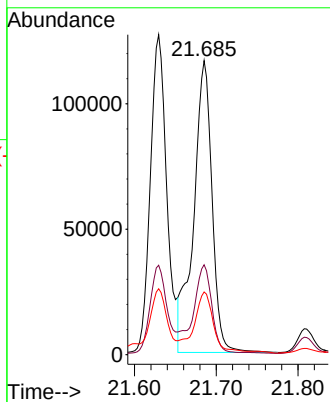
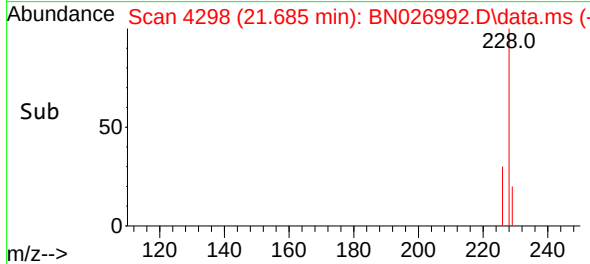
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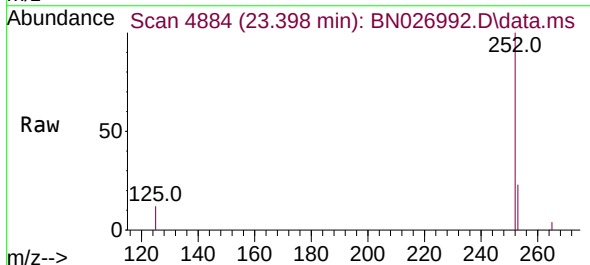
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Ion Ratio Lower Upper
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226 30.6 24.6 36.8
229 21.3 15.8 23.6

Manual Integrations
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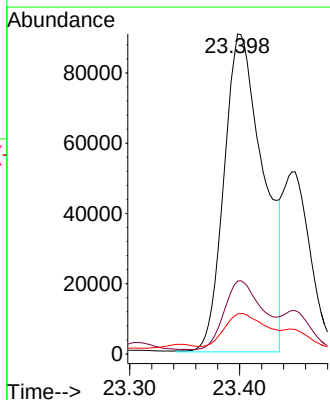
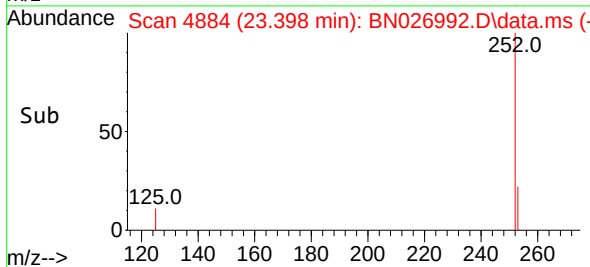
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

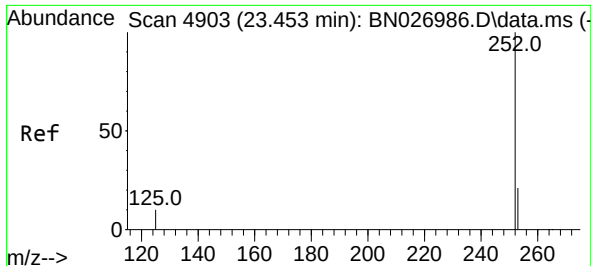


#24
Benzo(b)fluoranthene
Concen: 1.903 ng/ul m
RT: 23.398 min Scan# 4884
Delta R.T. -0.009 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



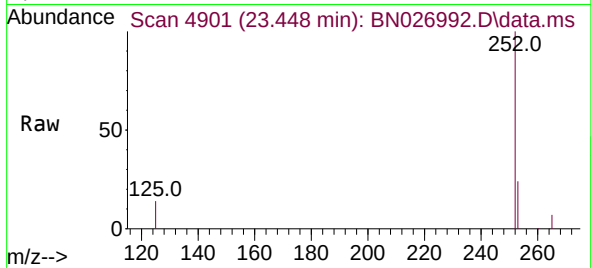
Tgt Ion:252 Resp: 225368
Ion Ratio Lower Upper
252 100
253 22.7 0.0 46.8
125 12.5 0.0 25.2





#25
Benzo(k)fluoranthene
Concen: 0.833 ng/ul m
RT: 23.448 min Scan# 4903
Delta R.T. -0.012 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

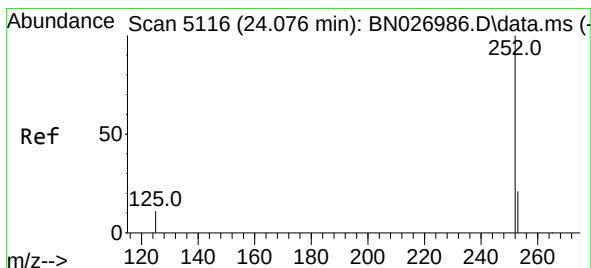
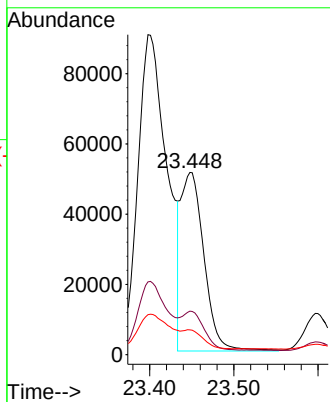
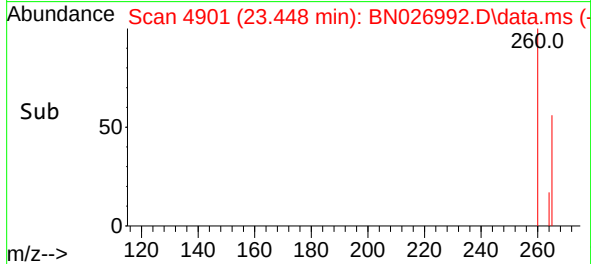
Instrument :
BNA_N
ClientSampleId :
A48K2MS



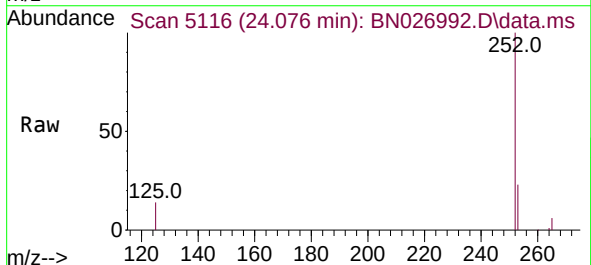
Tgt Ion:252 Resp: 97223
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 13.6 9.9 14.9

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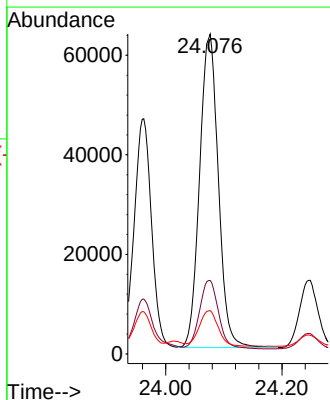
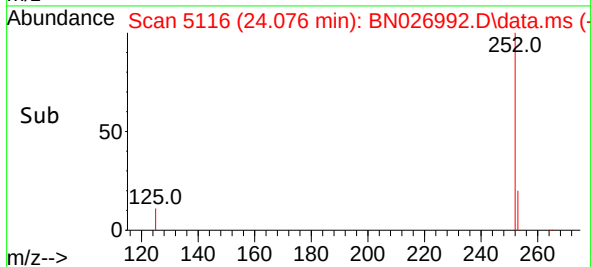
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

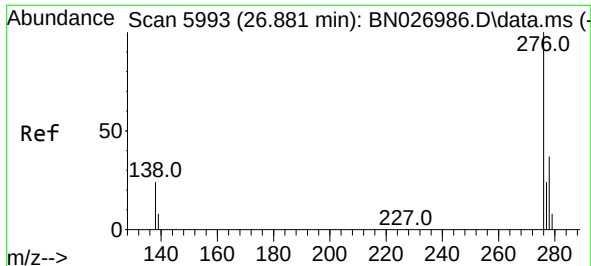


#26
Benzo(a)pyrene
Concen: 1.319 ng/ul
RT: 24.076 min Scan# 5116
Delta R.T. -0.009 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



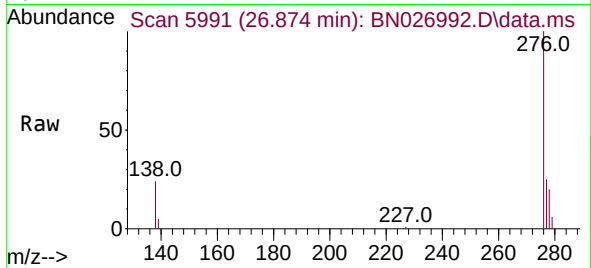
Tgt Ion:252 Resp: 140968
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 13.5 11.4 17.0





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.674 ng/ul
RT: 26.874 min Scan# 5993
Delta R.T. -0.011 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39

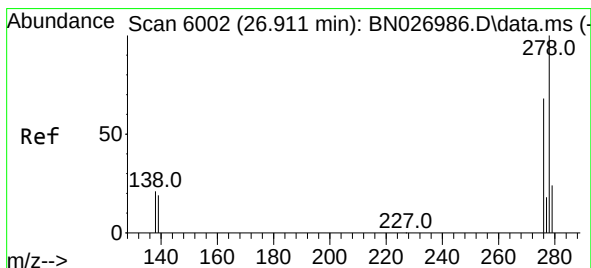
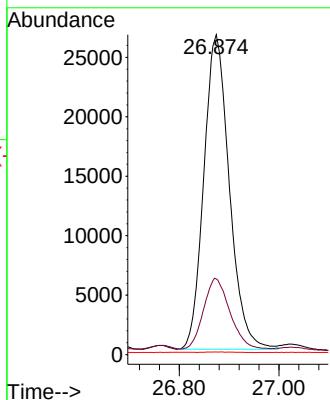
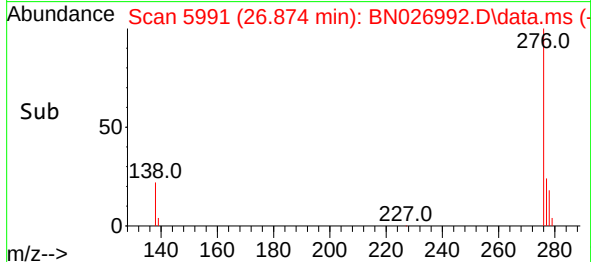
Instrument :
BNA_N
ClientSampleId :
A48K2MS



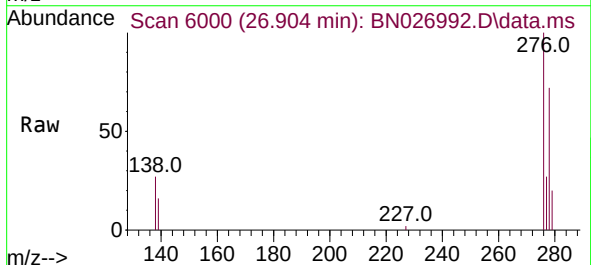
Tgt Ion:276 Resp: 94154
Ion Ratio Lower Upper
276 100
138 23.3 21.6 32.4
227 0.2 0.0 0.0

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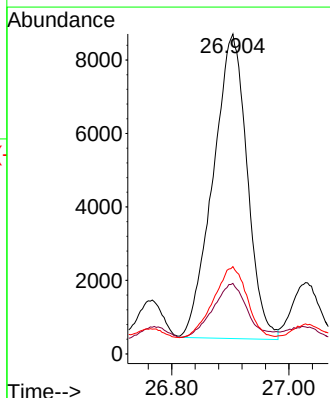
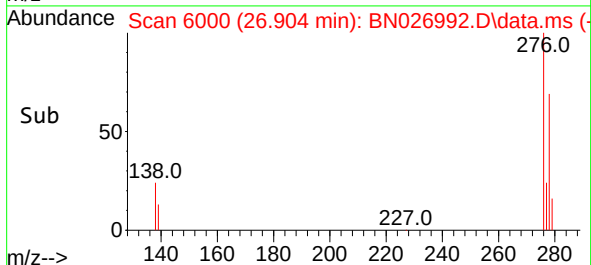
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

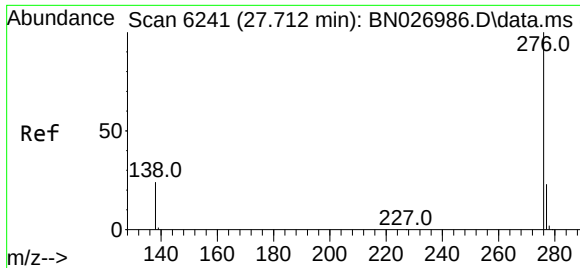


#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 26.904 min Scan# 6000
Delta R.T. -0.017 min
Lab File: BN026992.D
Acq: 21 Aug 2023 14:39



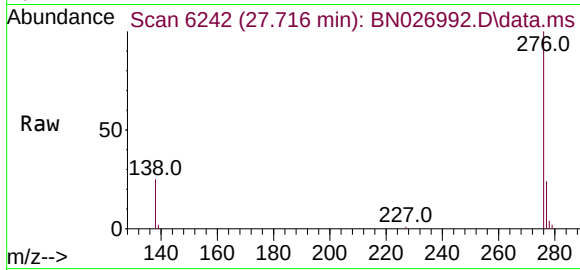
Tgt Ion:278 Resp: 33474
Ion Ratio Lower Upper
278 100
139 22.1 15.7 23.5
279 27.3 20.2 30.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.754 ng/ul
 RT: 27.716 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN026992.D
 Acq: 21 Aug 2023 14:39

Instrument :
 BNA_N
 ClientSampleId :
 A48K2MS



Tgt Ion: 276 Resp: 87736

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.3	28.9
277	24.3	19.8	29.8

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 08/22/2023
 Supervised By : mohammad ahmed 08/22/2023

