

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027012.D
 Acq On : 22 Aug 2023 03:40
 Operator : MA/JU
 Sample : 03967-24
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48N6

Manual Integrations
 APPROVED

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

Quant Time: Aug 22 04:17:13 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	10176	0.400	ng/u1	0.00
4) Naphthalene-d8	10.927	136	32150	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.726	164	18662	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.472	188	40777	0.400	ng/u1	0.00
17) Chrysene-d12	21.647	240	31717	0.400	ng/u1	# 0.00
23) Perylene-d12	24.190	264	29975	0.400	ng/u1	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	33768	2.795	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6987	0.148	ng/u1	0.00
18) Fluoranthene-d10	19.492	212	16017	0.160	ng/u1	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	13323	0.147	ng/u1	96
7) 2-Methylnaphthalene	12.572	142	5351	0.097	ng/u1	99
8) 1-Methylnaphthalene	12.792	142	3233	0.056	ng/u1	100
10) Acenaphthylene	14.458	152	264323	2.528	ng/u1	99
11) Acenaphthene	14.791	153	5316	0.073	ng/u1	94
12) Fluorene	15.776	166	12073	0.147	ng/u1	98
15) Phenanthrene	17.515	178	166955	1.246	ng/u1	100
16) Anthracene	17.608	178	228424	1.887	ng/u1	100
19) Fluoranthene	19.520	202	1439500	10.926	ng/u1	98
20) Pyrene	19.887	202	1317006m	9.369	ng/u1	
21) Benzo(a)anthracene	21.630	228	1144672	9.074	ng/u1	98
22) Chrysene	21.685	228	1351419m	10.854	ng/u1	
24) Benzo(b)fluoranthene	23.404	252	1844341m	16.267	ng/u1	
25) Benzo(k)fluoranthene	23.451	252	682243m	6.101	ng/u1	
26) Benzo(a)pyrene	24.076	252	672085	6.569	ng/u1	98
27) Indeno(1,2,3-cd)pyrene	26.878	276	609263	4.552	ng/u1#	92
28) Dibenzo(a,h)anthracene	26.901	278	173210	1.624	ng/u1	95
29) Benzo(g,h,i)perylene	27.720	276	491302	4.409	ng/u1	99

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

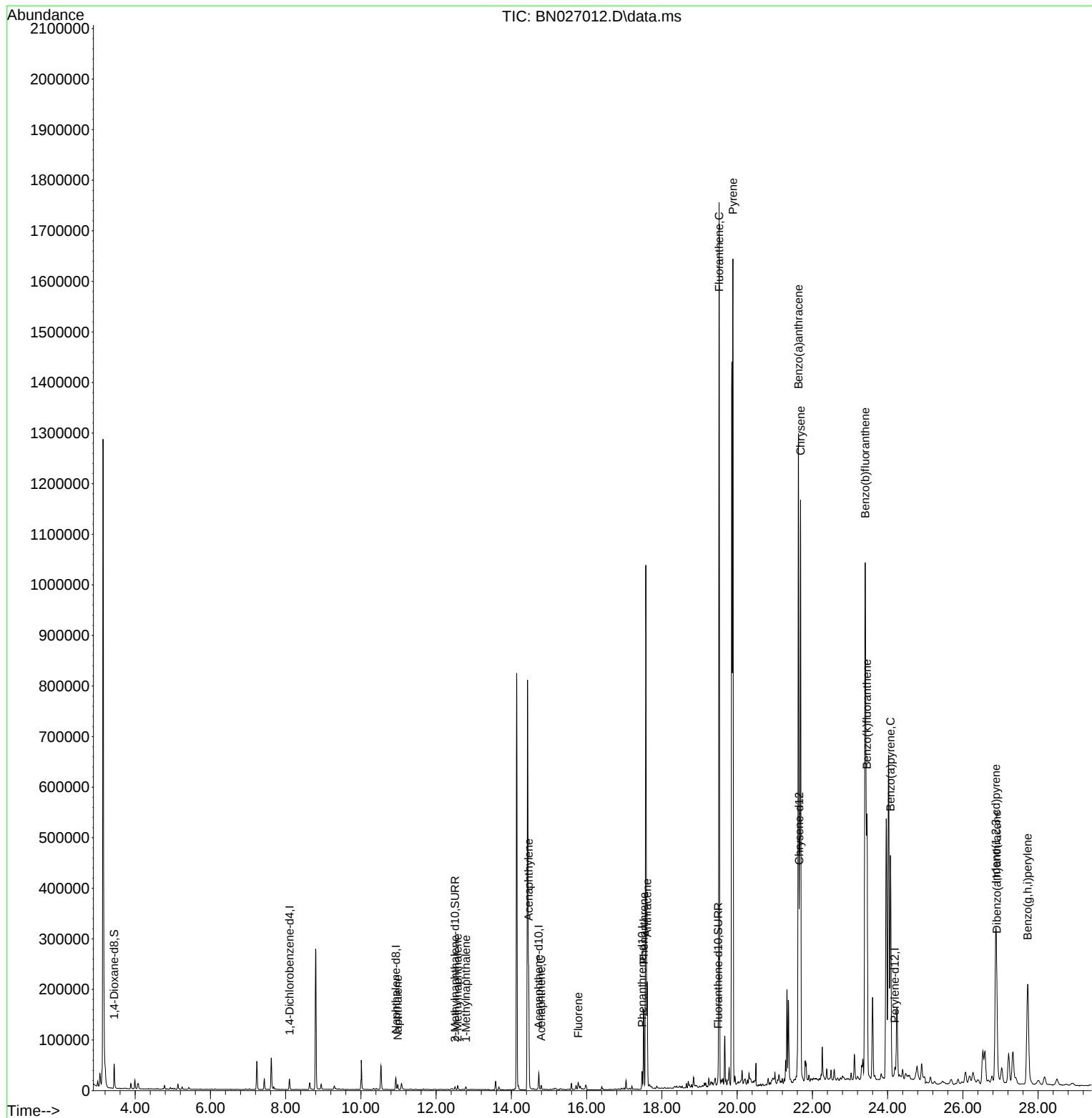
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027012.D
Acq On : 22 Aug 2023 03:40
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ALS Vial : 29 Sample Multiplier: 1

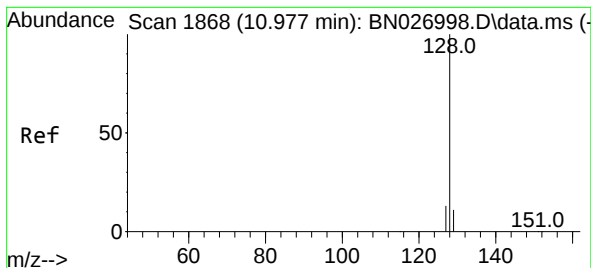
Instrument :
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ClientSampleId :
A48N6

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Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 04:17:13 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





#5

Naphthalene

Concen: 0.147 ng/ul

RT: 10.977 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BN027012.D

Acq: 22 Aug 2023 03:40

Instrument :

BNA_N

ClientSampleId :

A48N6

Tgt Ion:128 Resp: 13323

Ion Ratio Lower Upper

128 100

129 13.7 9.2 13.8

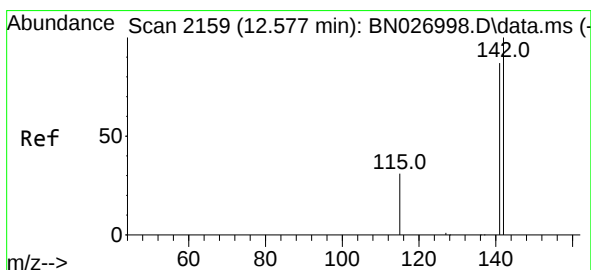
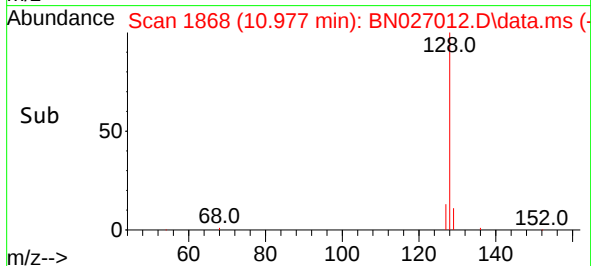
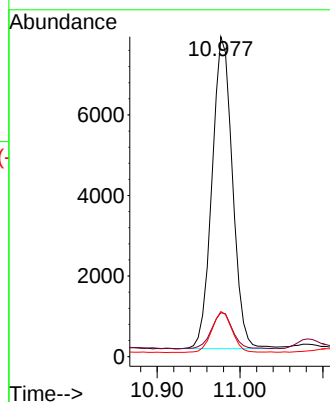
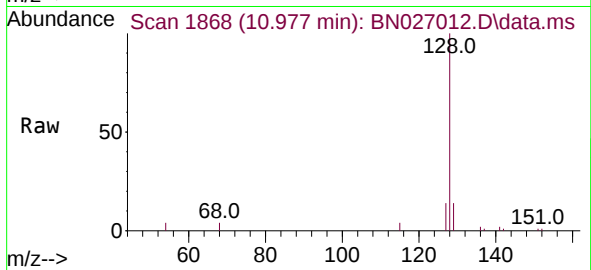
127 14.1 10.5 15.7

Manual Integrations

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Supervised By :mohammad ahmed 08/22/2023



#7

2-Methylnaphthalene

Concen: 0.097 ng/ul

RT: 12.572 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BN027012.D

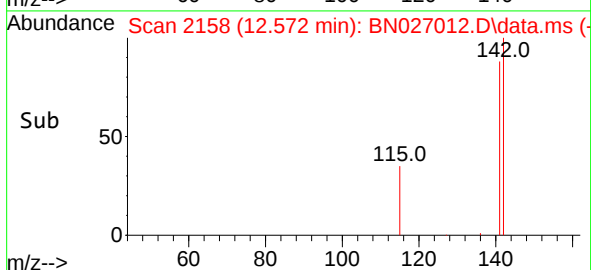
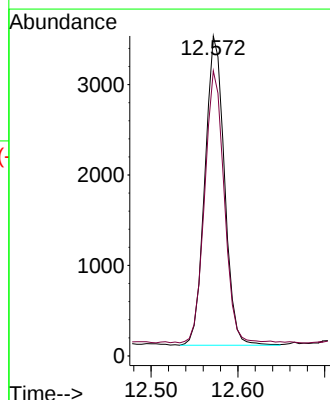
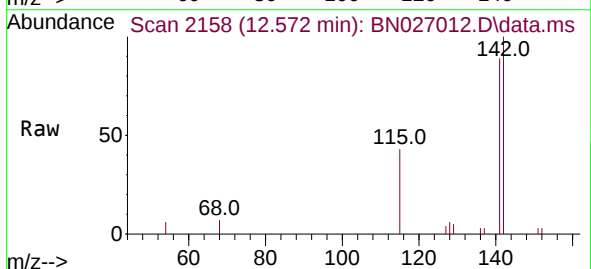
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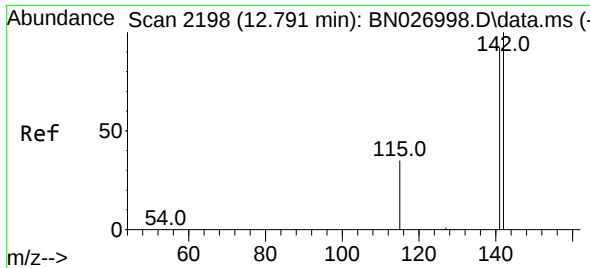
Tgt Ion:142 Resp: 5351

Ion Ratio Lower Upper

142 100

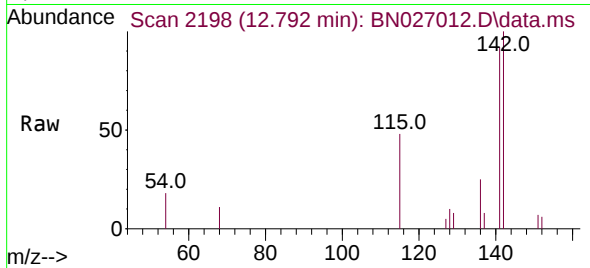
141 87.9 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

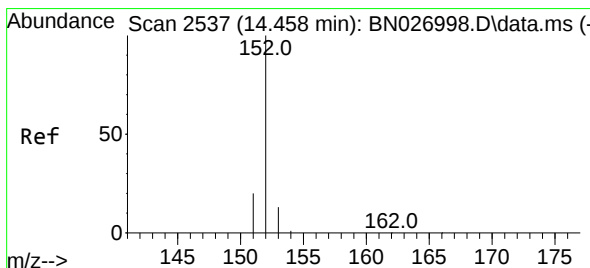
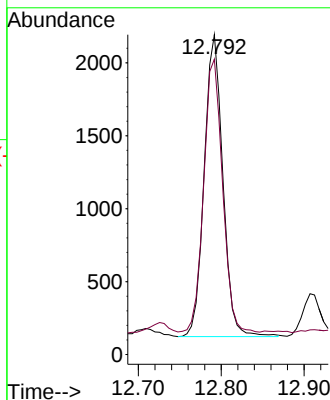
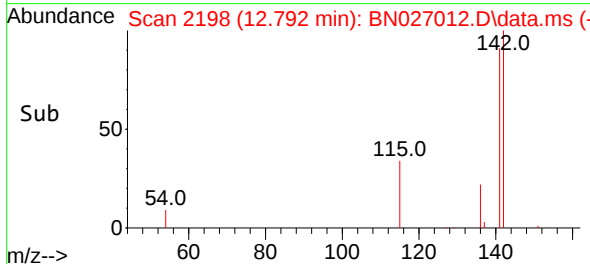
Instrument :
BNA_N
ClientSampleId :
A48N6



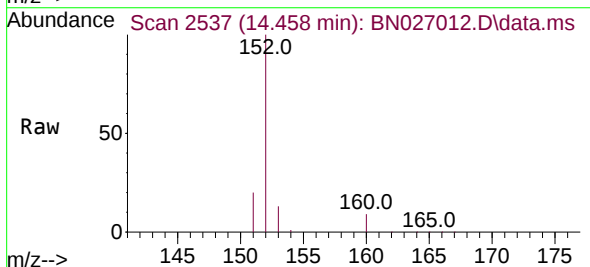
Tgt Ion:142 Resp: 3233
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8

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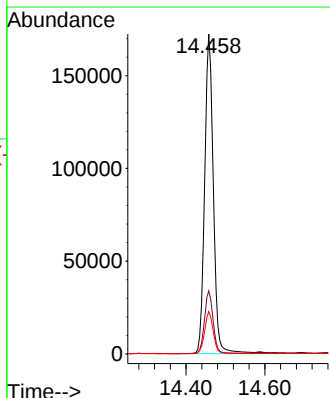
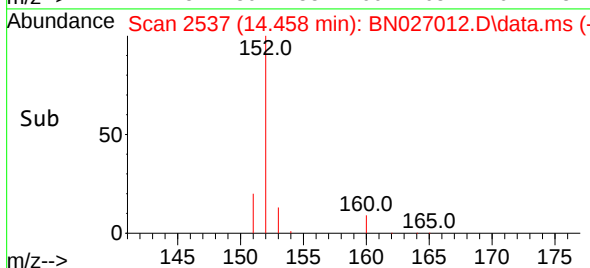
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

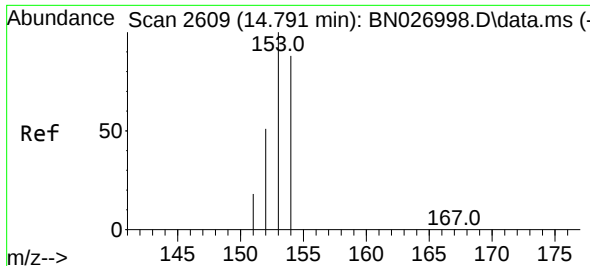


#10
Acenaphthylene
Concen: 2.528 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40



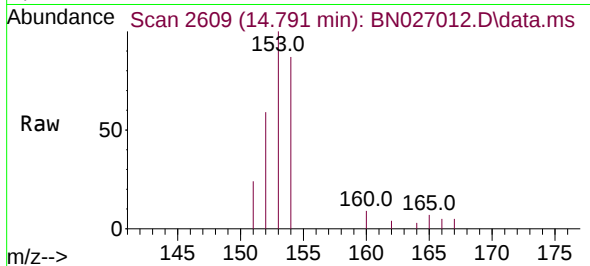
Tgt Ion:152 Resp: 264323
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.2 11.0 16.6





#11
Acenaphthene
Concen: 0.073 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

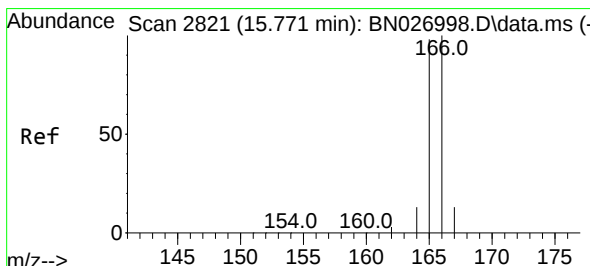
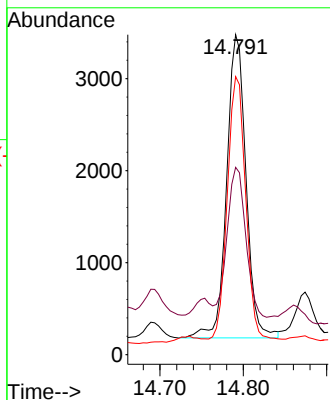
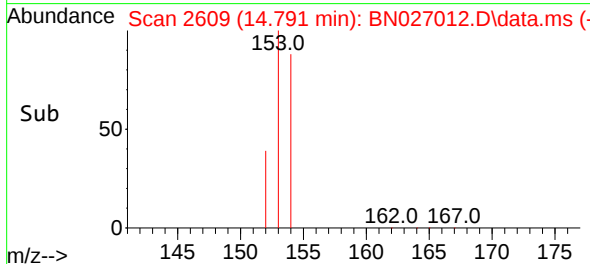
Instrument :
BNA_N
ClientSampleId :
A48N6



Tgt Ion:153 Resp: 5316
Ion Ratio Lower Upper
153 100
152 58.6 41.1 61.7
154 86.9 71.6 107.4

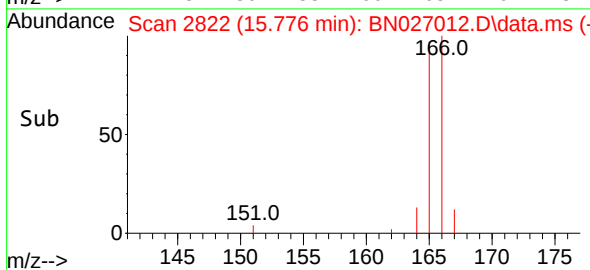
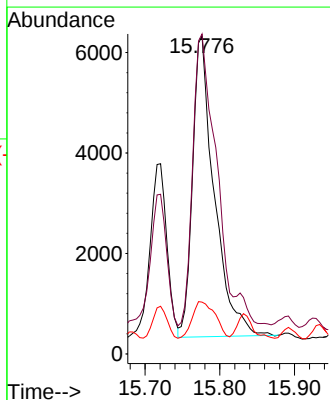
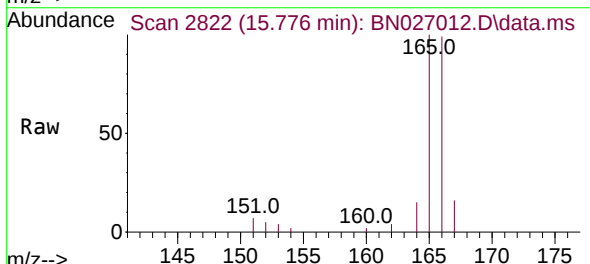
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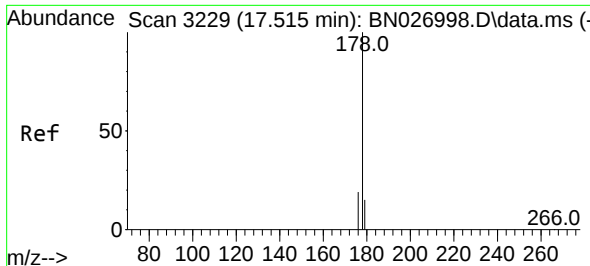
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#12
Fluorene
Concen: 0.147 ng/ul
RT: 15.776 min Scan# 2822
Delta R.T. 0.005 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

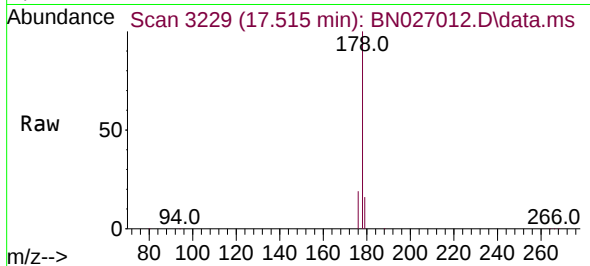
Tgt Ion:166 Resp: 12073
Ion Ratio Lower Upper
166 100
165 100.7 79.1 118.7
167 16.3 11.4 17.0





#15
Phenanthrene
Concen: 1.246 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

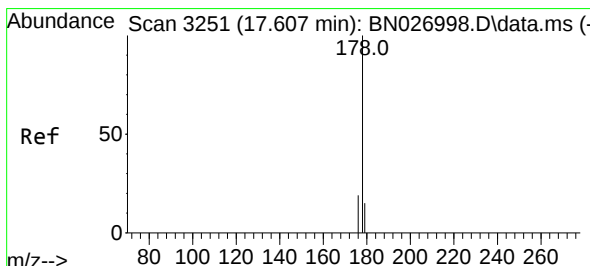
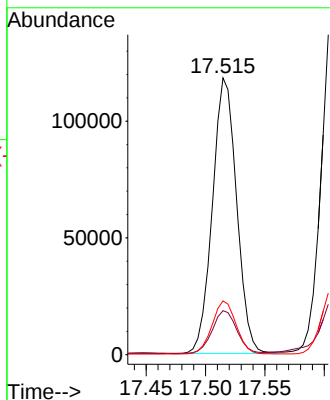
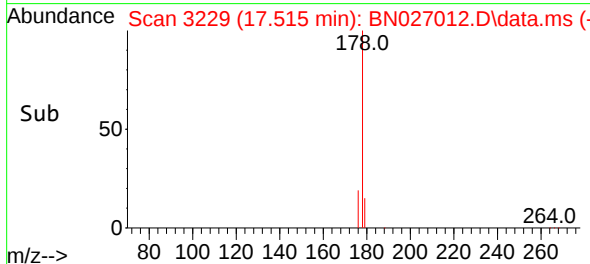
Instrument :
BNA_N
ClientSampleId :
A48N6



Tgt Ion:178 Resp: 166955
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.4 15.4 23.2

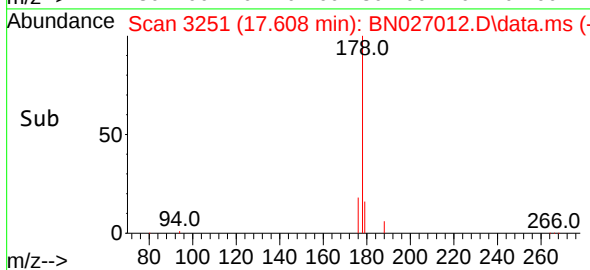
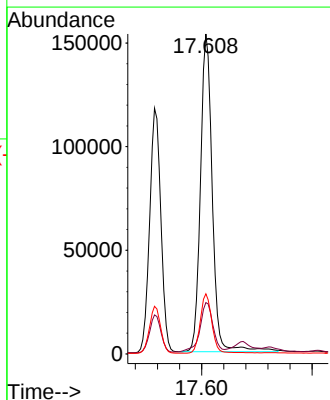
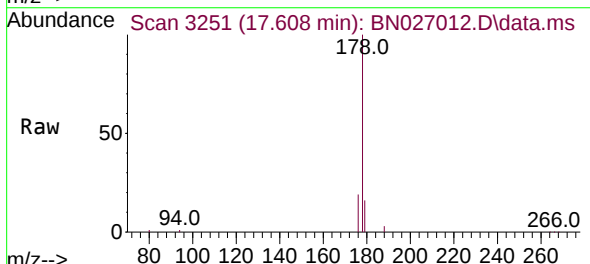
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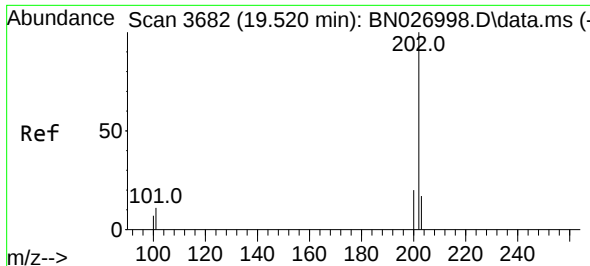
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
Anthracene
Concen: 1.887 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

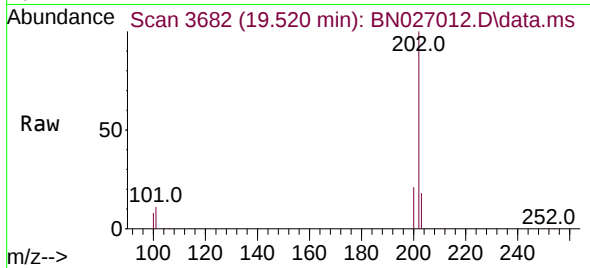
Tgt Ion:178 Resp: 228424
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 10.926 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

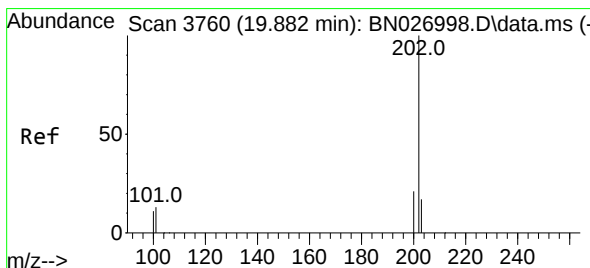
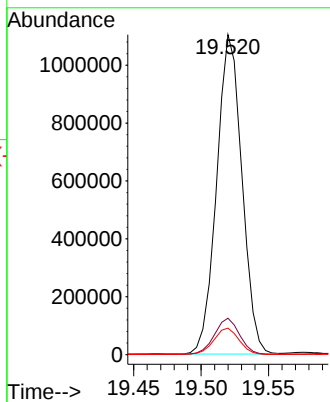
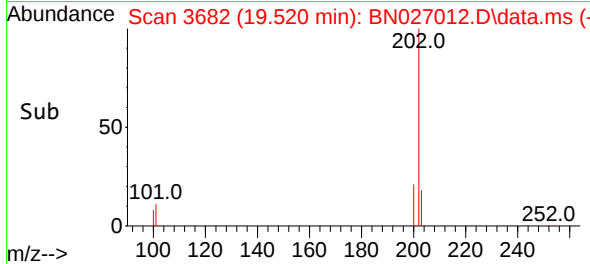
Instrument :
BNA_N
ClientSampleId :
A48N6



Tgt Ion:202 Resp: 1439500
Ion Ratio Lower Upper
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101 11.4 8.3 12.5
100 8.3 6.2 9.2

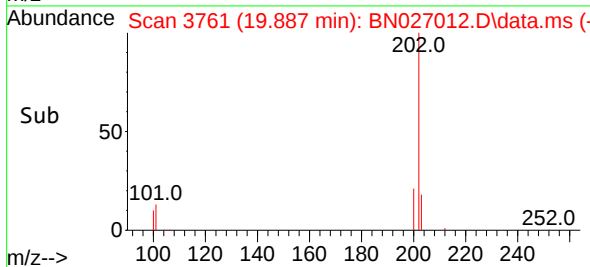
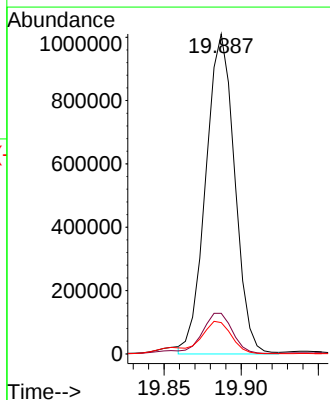
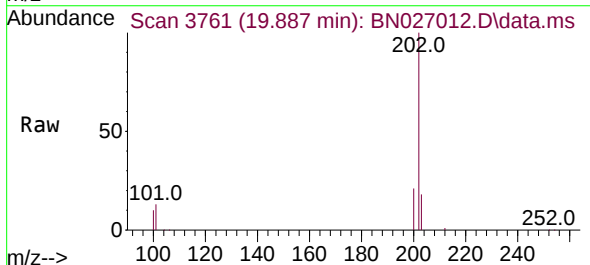
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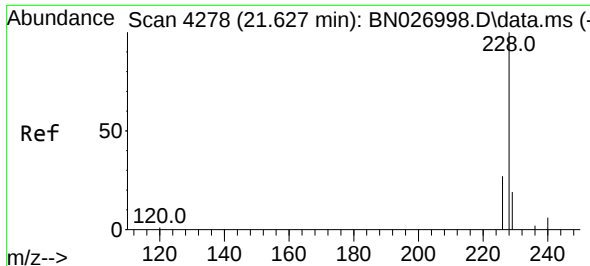
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#20
Pyrene
Concen: 9.369 ng/ul m
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

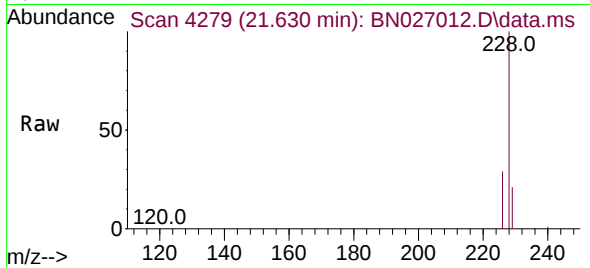
Tgt Ion:202 Resp: 1317006
Ion Ratio Lower Upper
202 100
101 12.7 10.7 16.1
100 9.8 8.5 12.7





#21
Benzo(a)anthracene
Concen: 9.074 ng/ul
RT: 21.630 min Scan# 4278
Delta R.T. -0.003 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

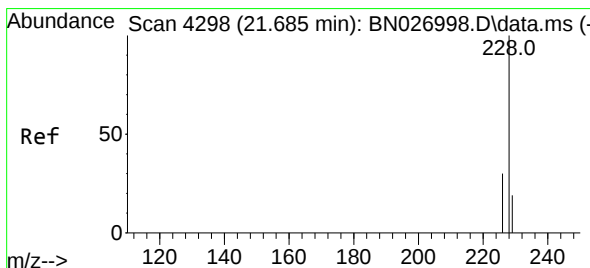
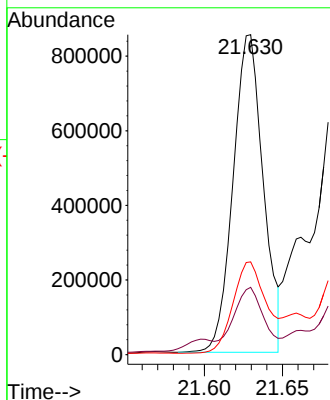
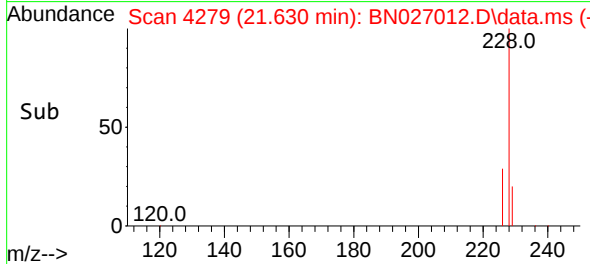
Instrument :
BNA_N
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Tgt Ion:228 Resp: 1144672
Ion Ratio Lower Upper
228 100
229 21.0 16.0 24.0
226 29.0 22.2 33.2

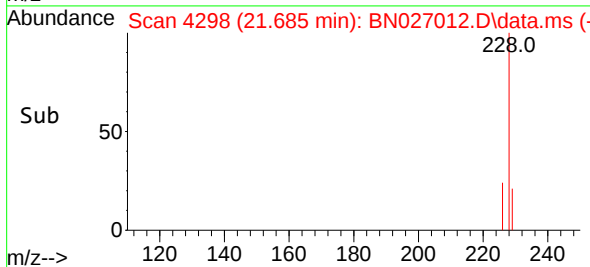
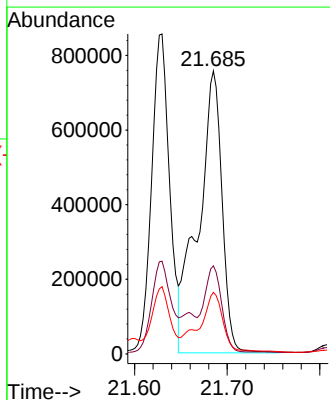
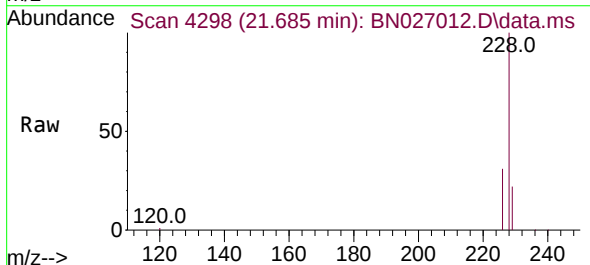
Manual Integrations
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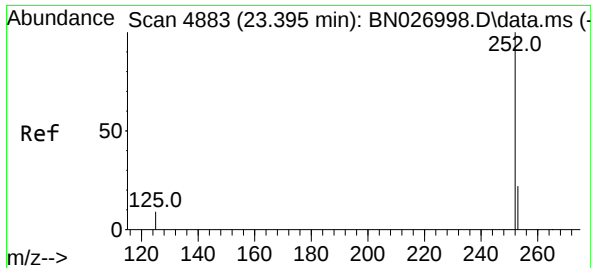
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Chrysene
Concen: 10.854 ng/ul m
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

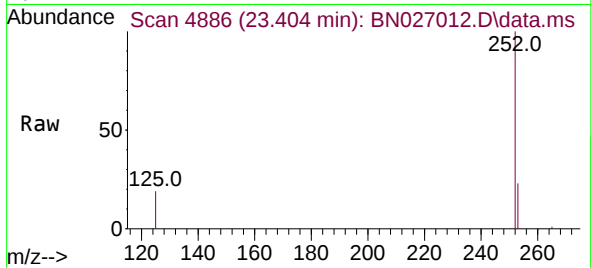
Tgt Ion:228 Resp: 1351419
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 16.267 ng/ul m
RT: 23.404 min Scan# 4886
Delta R.T. -0.003 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

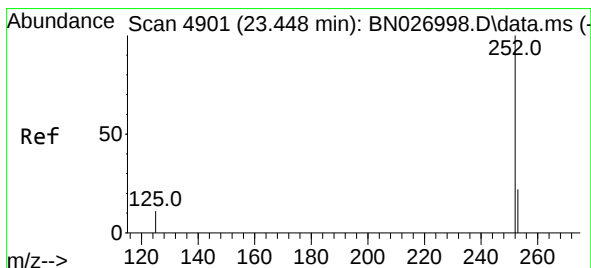
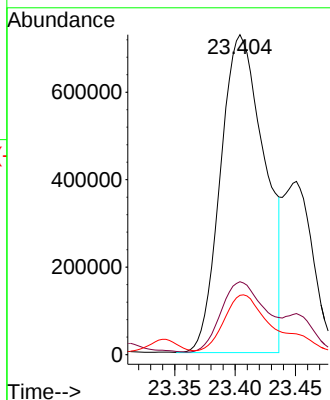
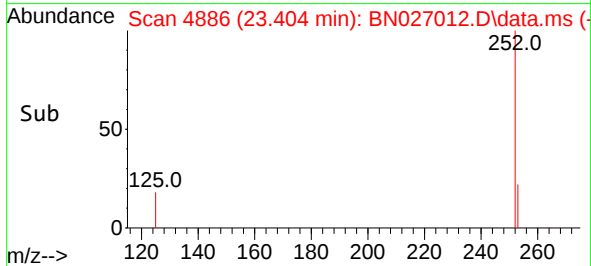
Instrument :
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Tgt Ion:252 Resp: 184434
Ion Ratio Lower Upper
252 100
253 22.8 0.0 46.8
125 18.6 0.0 25.2

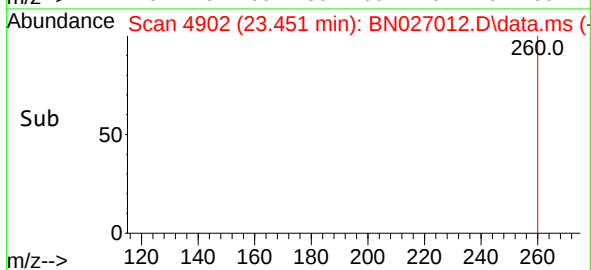
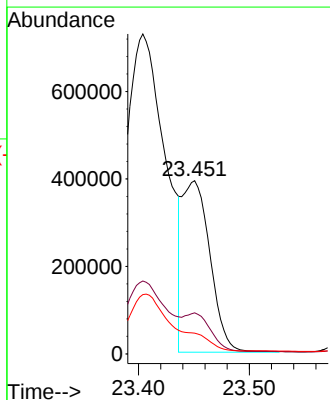
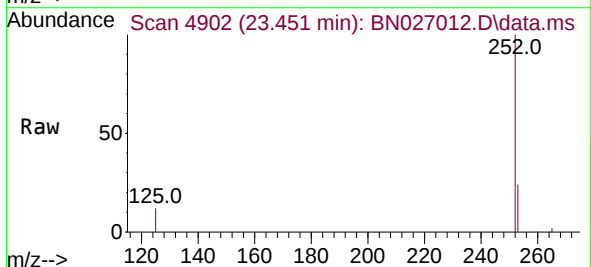
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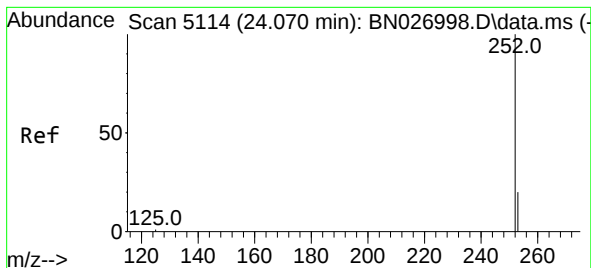
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#25
Benzo(k)fluoranthene
Concen: 6.101 ng/ul m
RT: 23.451 min Scan# 4902
Delta R.T. -0.009 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

Tgt Ion:252 Resp: 682243
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 12.0 9.9 14.9





#26

Benzo(a)pyrene

Concen: 6.569 ng/ul

RT: 24.076 min Scan# 5114

Delta R.T. -0.009 min

Lab File: BN027012.D

Acq: 22 Aug 2023 03:40

Instrument :

BN027012.D

ClientSampleId :

A48N6

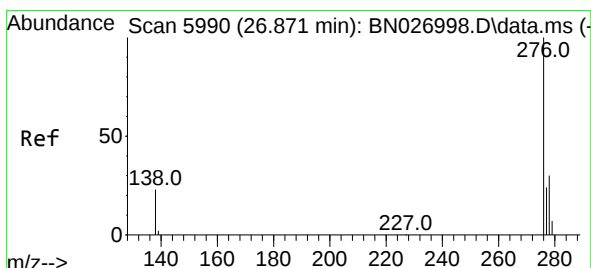
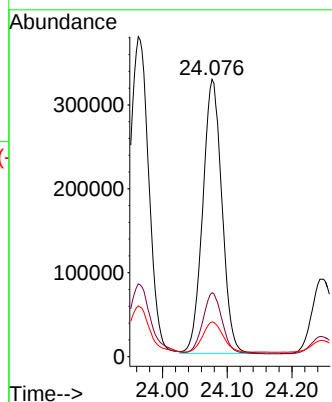
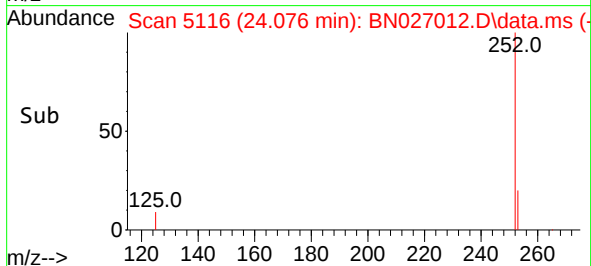
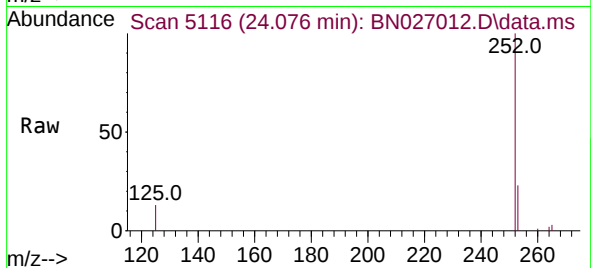
Tgt Ion:	252	Resp:	672085
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.0	28.6
125	12.5	11.4	17.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/22/2023

Supervised By :mohammad ahmed 08/22/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 4.552 ng/ul

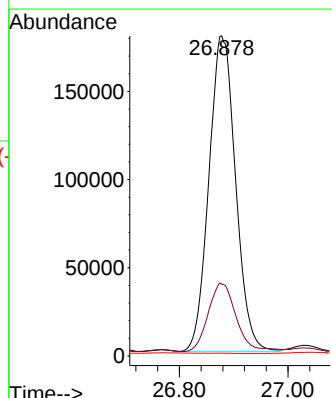
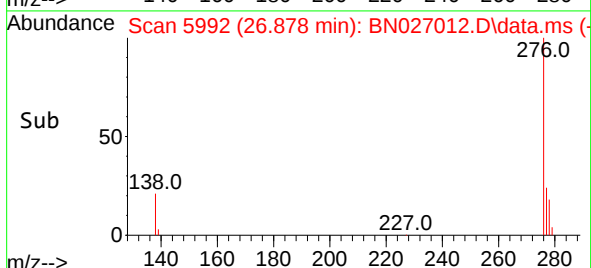
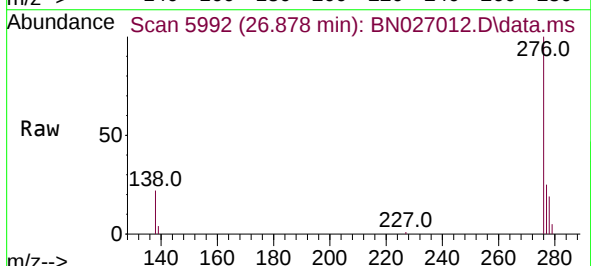
RT: 26.878 min Scan# 5992

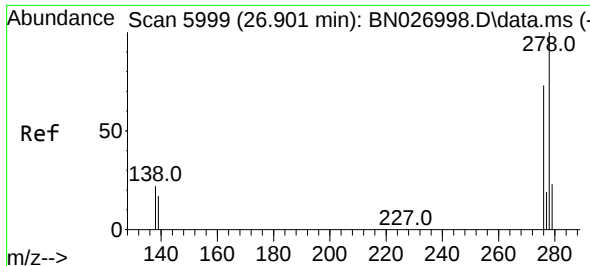
Delta R.T. -0.007 min

Lab File: BN027012.D

Acq: 22 Aug 2023 03:40

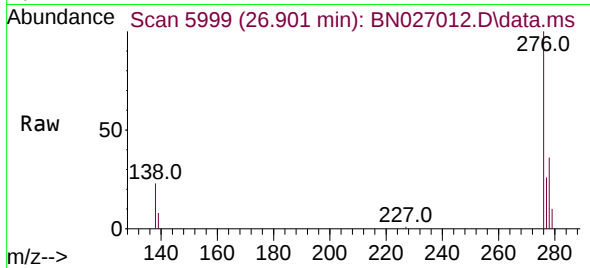
Tgt Ion:	276	Resp:	609263
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.6	32.4
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.624 ng/ul
RT: 26.901 min Scan# 5999
Delta R.T. -0.020 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40

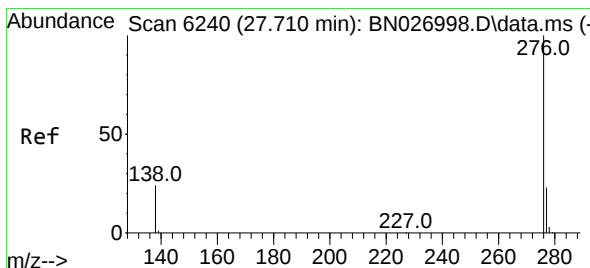
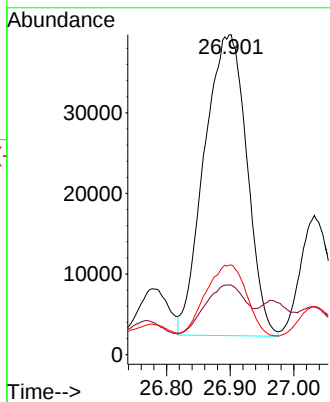
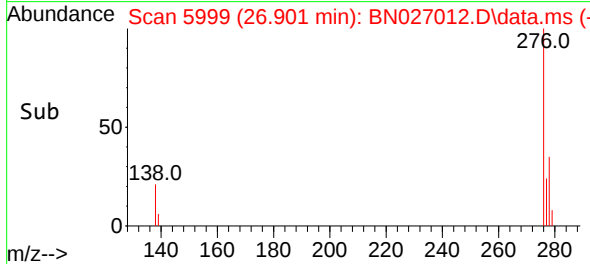
Instrument :
BNA_N
ClientSampleId :
A48N6



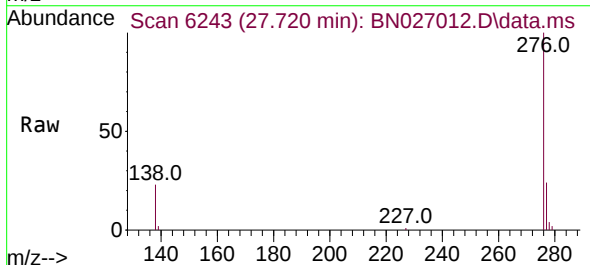
Tgt Ion: 278 Resp: 173210
Ion Ratio Lower Upper
278 100
139 21.7 15.7 23.5
279 28.0 20.2 30.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.409 ng/ul
RT: 27.720 min Scan# 6243
Delta R.T. -0.003 min
Lab File: BN027012.D
Acq: 22 Aug 2023 03:40



Tgt Ion: 276 Resp: 491302
Ion Ratio Lower Upper
276 100
138 23.4 19.3 28.9
277 24.4 19.8 29.8

