

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022308.D
 Acq On : 24 Oct 2022 21:28
 Operator : CG/JU
 Sample : N5070-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BK7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:43:49 2022

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Oct 22 03:40:14 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4073	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	14815	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	8417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.373	188	17153	0.400	ng/ul	0.00
17) Chrysene-d12	21.573	240	10277	0.400	ng/ul	# 0.00
23) Perylene-d12	24.035	264	7378	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.249	96	16769	3.168	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.366	152	4881	0.218	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	10059	0.292	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.820	128	8124	0.186	ng/ul	98
7) 2-Methylnaphthalene	12.443	142	6072	0.220	ng/ul	100
8) 1-Methylnaphthalene	12.663	142	4876	0.172	ng/ul	100
10) Acenaphthylene	14.340	152	19427	0.514	ng/ul	99
11) Acenaphthene	14.682	153	8914	0.280	ng/ul	100
12) Fluorene	15.667	166	13738	0.371	ng/ul	99
14) Pentachlorophenol	17.027	266	89	0.022	ng/ul	97
15) Phenanthrene	17.415	178	513956	8.925	ng/ul	99
16) Anthracene	17.508	178	93638	1.930	ng/ul	99
19) Fluoranthene	19.439	202	1264247	26.858	ng/ul	99
20) Pyrene	19.806	202	932289	19.715	ng/ul	99
21) Benzo(a)anthracene	21.556	228	409600	10.637	ng/ul	98
22) Chrysene	21.611	228	405761	9.942	ng/ul	98
24) Benzo(b)fluoranthene	23.280	252	478343m	12.911	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	175266m	4.865	ng/ul	
26) Benzo(a)pyrene	23.924	252	303723	10.283	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.612	276	243197	6.623	ng/ul	90
28) Dibenzo(a,h)anthracene	26.625	278	51294	1.749	ng/ul	97
29) Benzo(g,h,i)perylene	27.410	276	189952	6.350	ng/ul	97

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

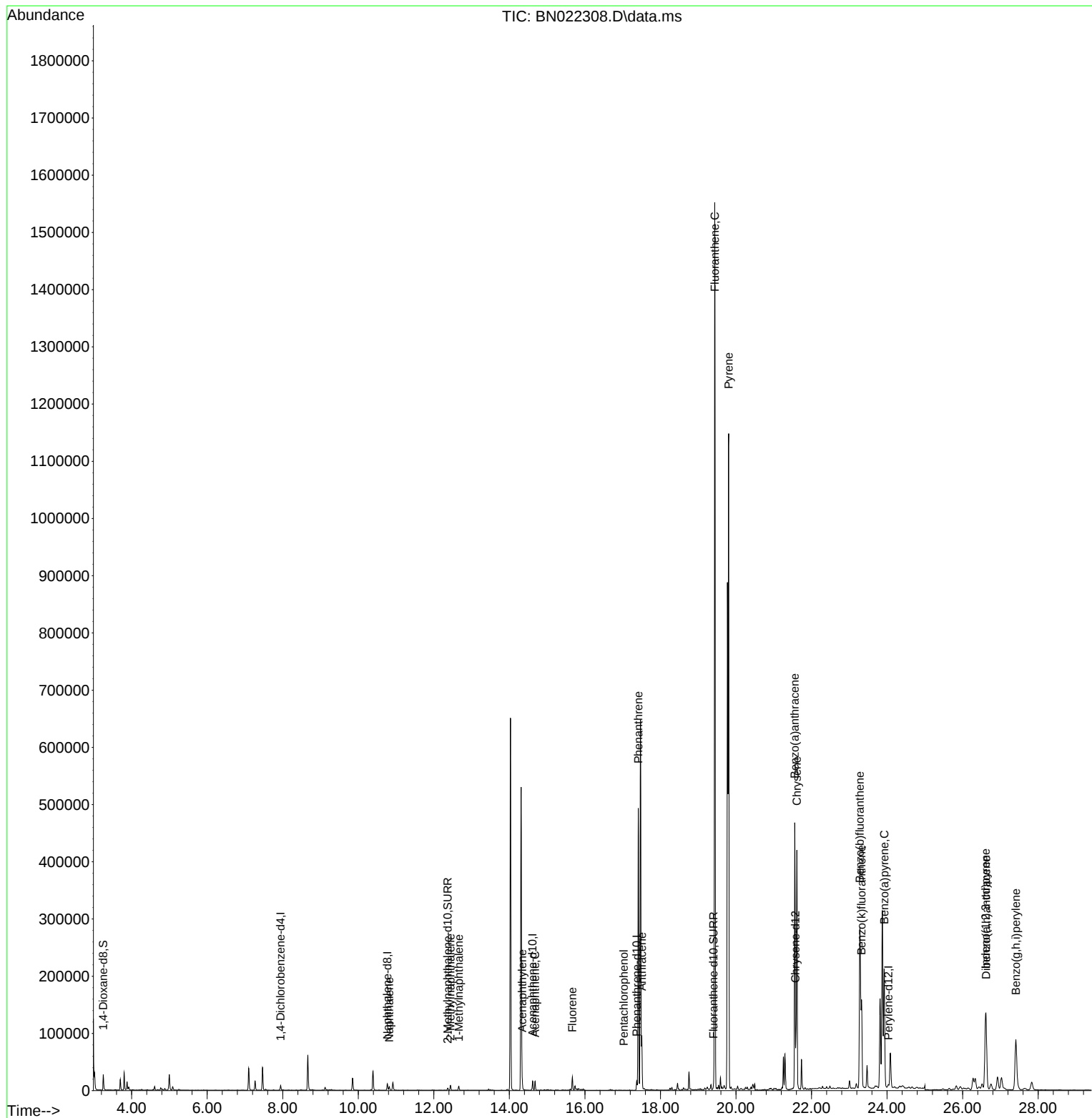
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022308.D
Acq On : 24 Oct 2022 21:28
Operator : CG/JU
Sample : N5070-03
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ALS Vial : 22 Sample Multiplier: 1

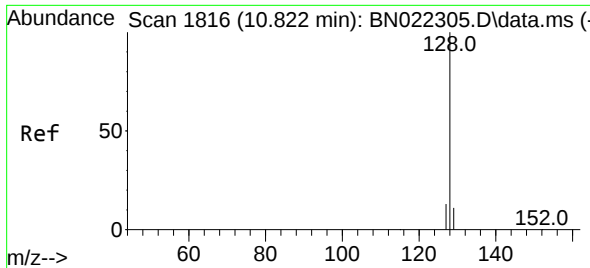
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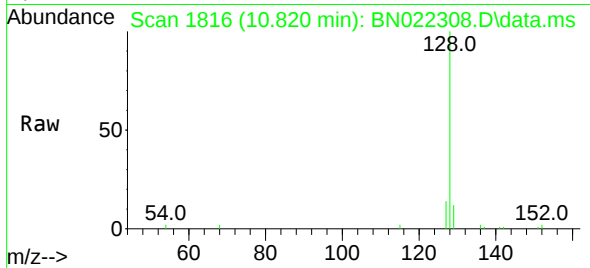
Quant Time: Oct 25 04:43:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.186 ng/ul
RT: 10.820 min Scan# 1816
Delta R.T. -0.001 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

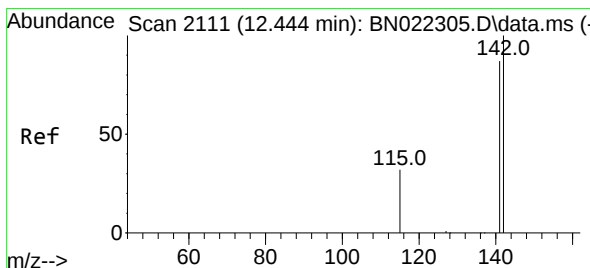
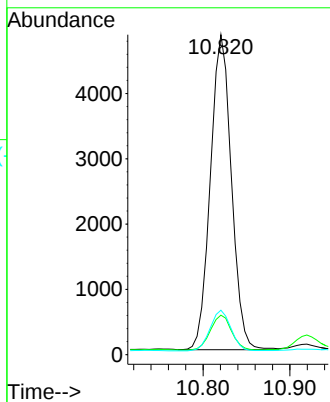
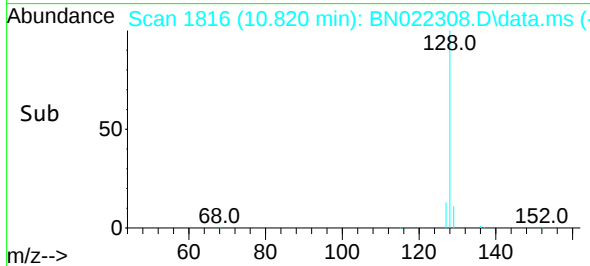
Instrument :
BNA_N
ClientSampleId :
C0BK7



Tgt Ion:128 Resp: 8124
Ion Ratio Lower Upper
128 100
129 12.4 9.3 13.9
127 13.9 10.7 16.1

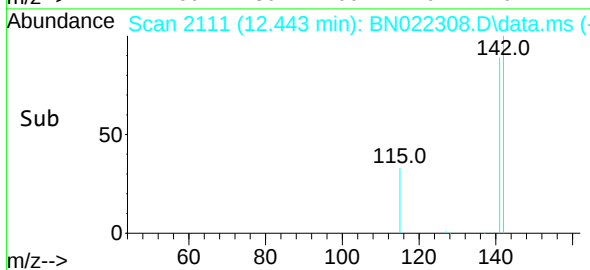
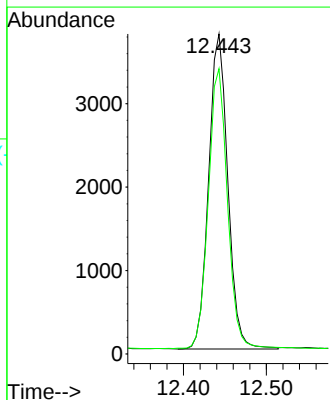
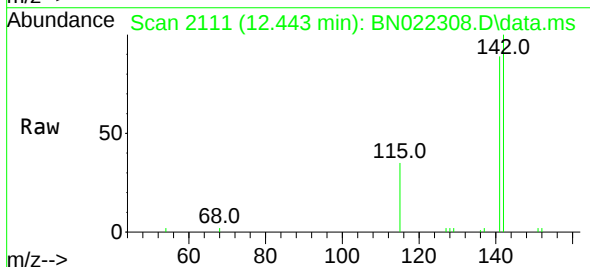
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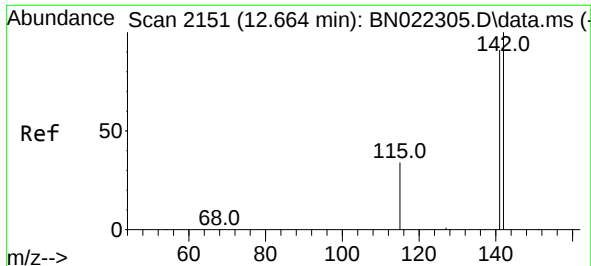
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.443 min Scan# 2111
Delta R.T. -0.001 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

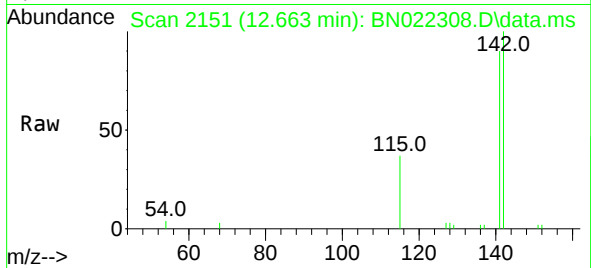
Tgt Ion:142 Resp: 6072
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.663 min Scan# 2151
Delta R.T. -0.001 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

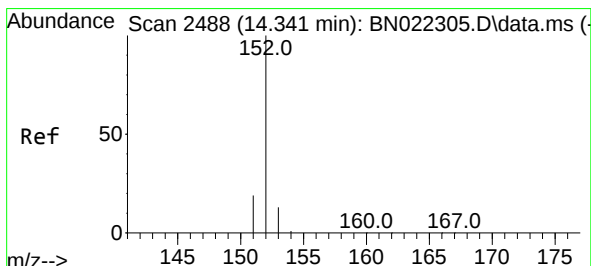
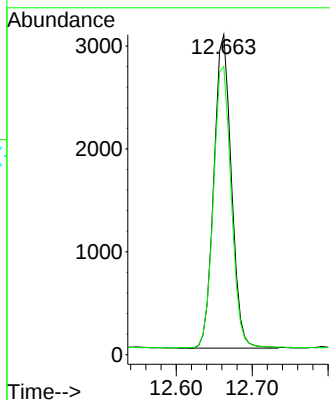
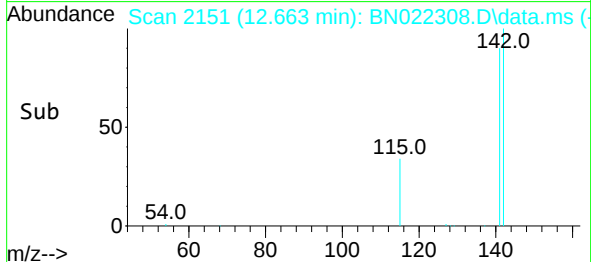
Instrument :
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ClientSampleId :
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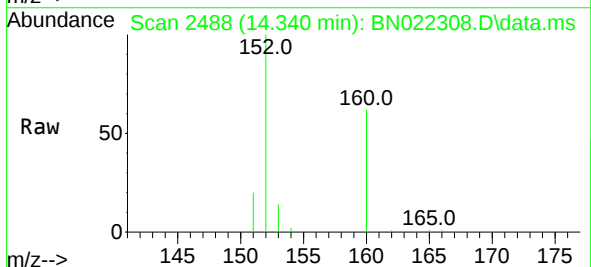
Tgt Ion:142 Resp: 4870
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

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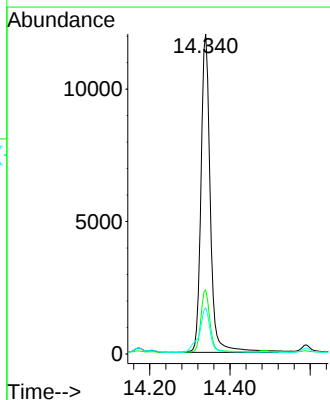
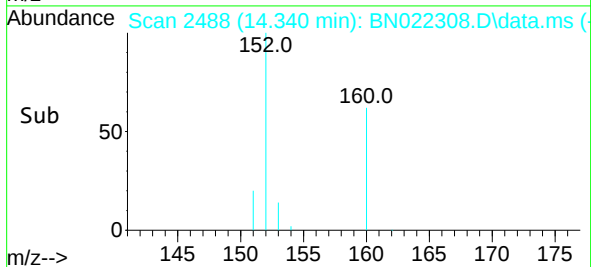
Reviewed By :Jagrut Upadhyay 10/25/2022
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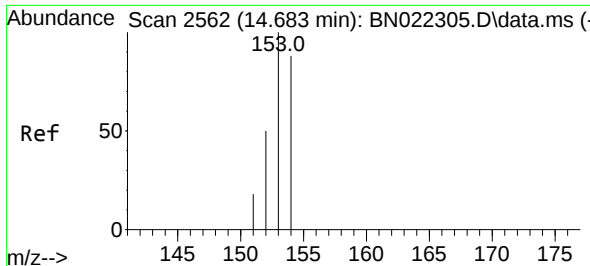


#10
Acenaphthylene
Concen: 0.514 ng/ul
RT: 14.340 min Scan# 2488
Delta R.T. -0.001 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28



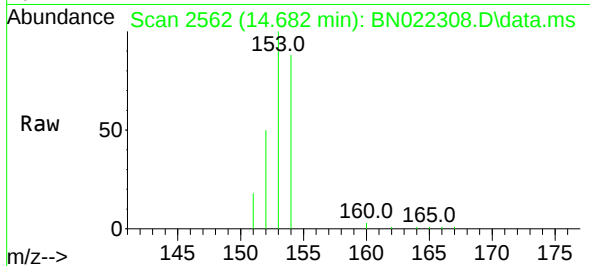
Tgt Ion:152 Resp: 19427
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 14.4 10.8 16.2





#11
Acenaphthene
Concen: 0.280 ng/ul
RT: 14.682 min Scan# 214
Delta R.T. -0.001 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

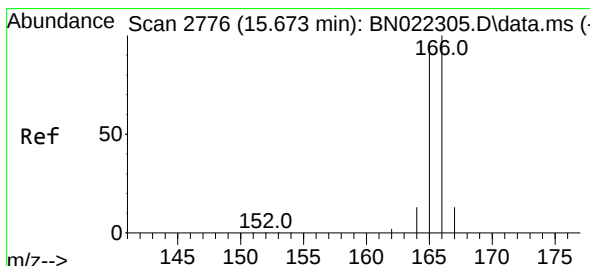
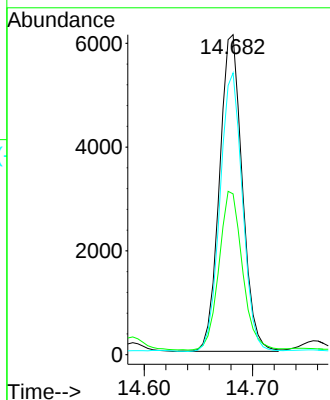
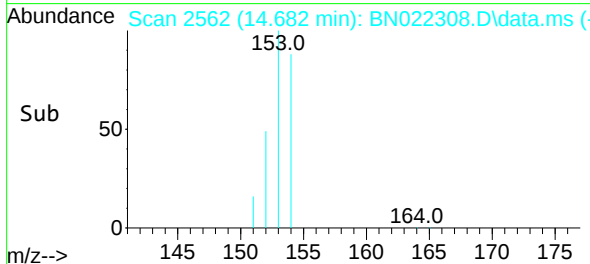
Instrument :
BNA_N
ClientSampleId :
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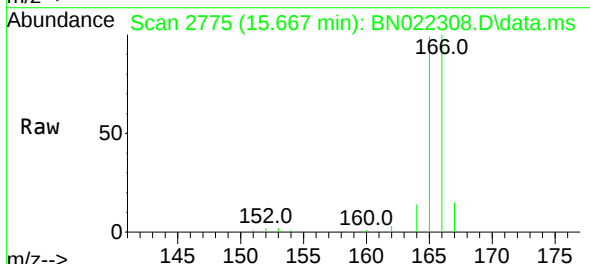
Tgt Ion:153 Resp: 8914
Ion Ratio Lower Upper
153 100
152 50.2 40.6 61.0
154 88.0 70.6 106.0

Manual Integrations
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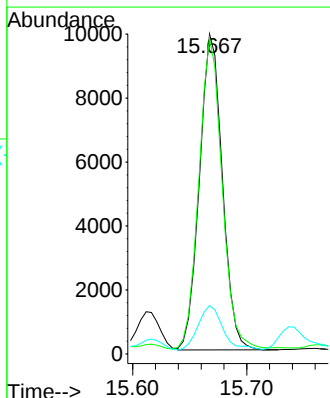
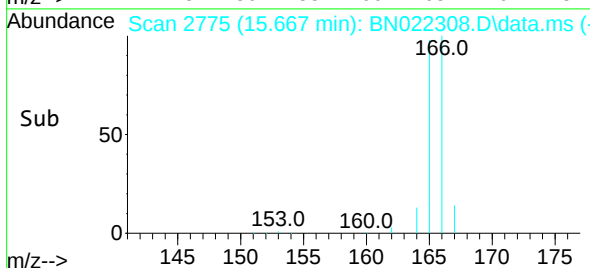
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

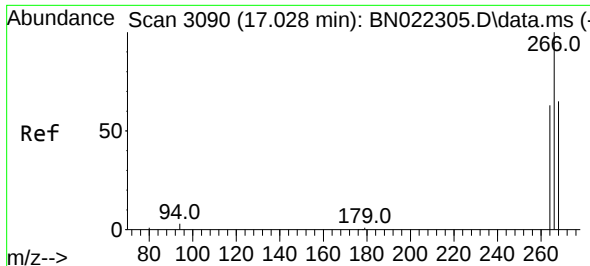


#12
Fluorene
Concen: 0.371 ng/ul
RT: 15.667 min Scan# 2775
Delta R.T. -0.006 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28



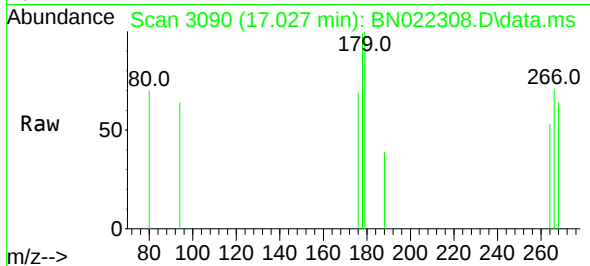
Tgt Ion:166 Resp: 13738
Ion Ratio Lower Upper
166 100
165 98.8 78.2 117.2
167 15.1 11.0 16.4





#14
 Pentachlorophenol
 Concen: 0.022 ng/ul
 RT: 17.027 min Scan# 3090
 Delta R.T. -0.001 min
 Lab File: BN022308.D
 Acq: 24 Oct 2022 21:28

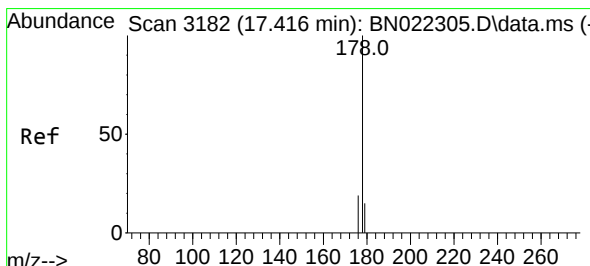
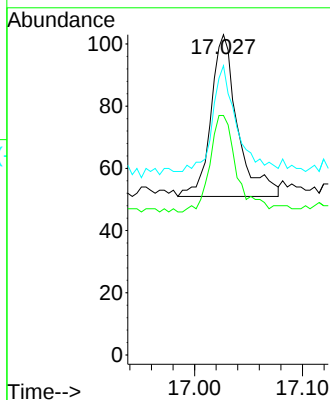
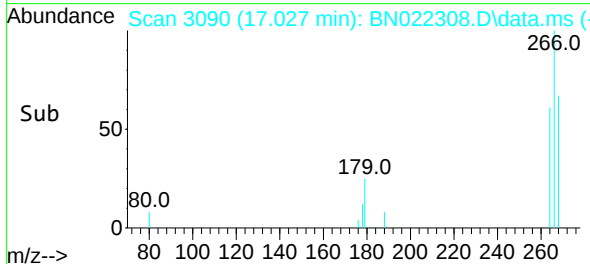
Instrument :
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 ClientSampleId :
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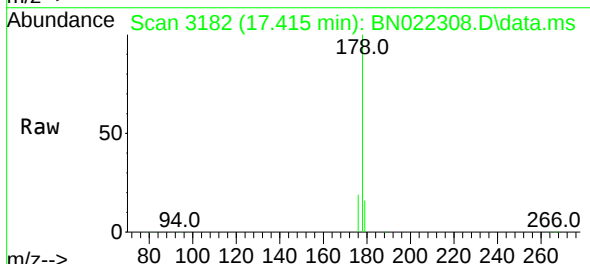
Tgt Ion:266 Resp: 85
 Ion Ratio Lower Upper
 266 100
 264 59.6 49.8 74.6
 268 61.8 51.4 77.2

Manual Integrations
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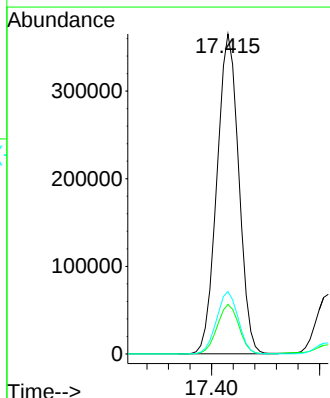
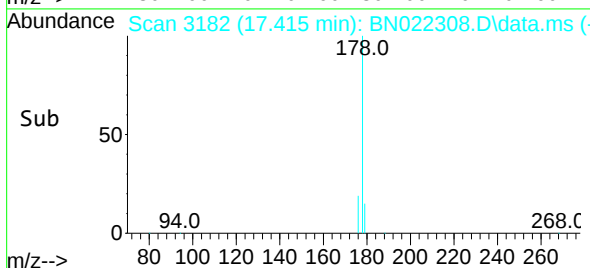
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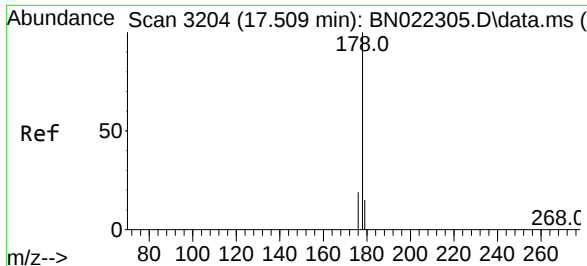


#15
 Phenanthrene
 Concen: 8.925 ng/ul
 RT: 17.415 min Scan# 3182
 Delta R.T. -0.001 min
 Lab File: BN022308.D
 Acq: 24 Oct 2022 21:28



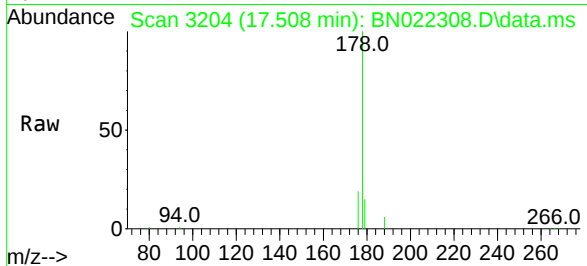
Tgt Ion:178 Resp: 513956
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.7 19.1
 176 19.5 15.4 23.2





#16
 Anthracene
 Concen: 1.930 ng/ul
 RT: 17.508 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BN022308.D
 Acq: 24 Oct 2022 21:28

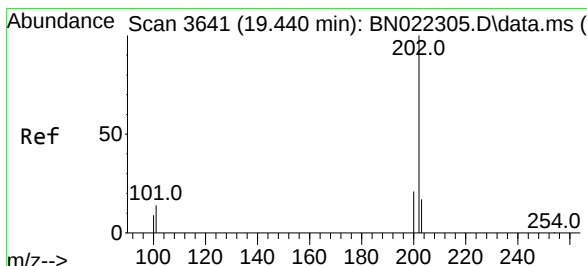
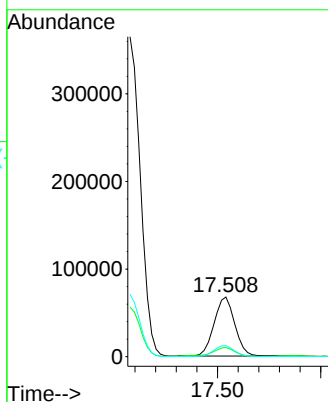
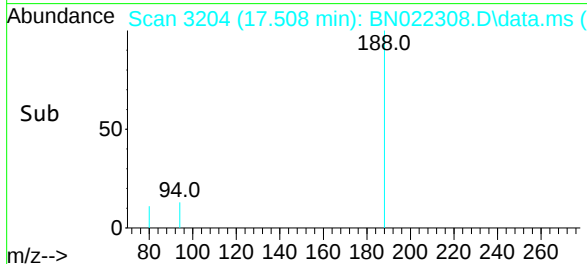
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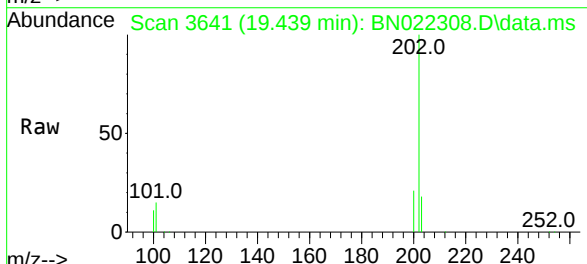
Tgt Ion:178 Resp: 93638
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 18.8
 176 18.6 15.0 22.6

Manual Integrations
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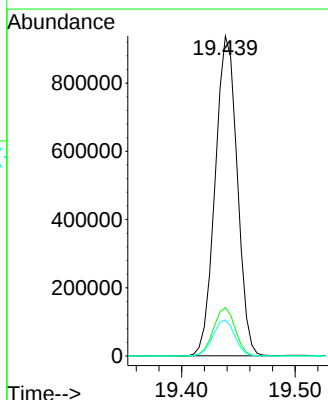
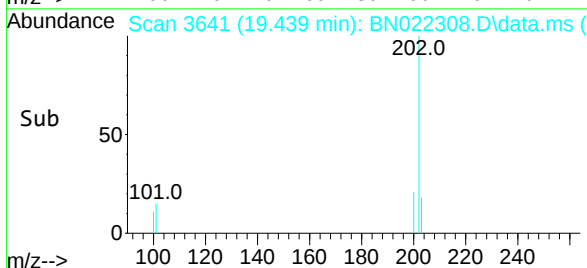
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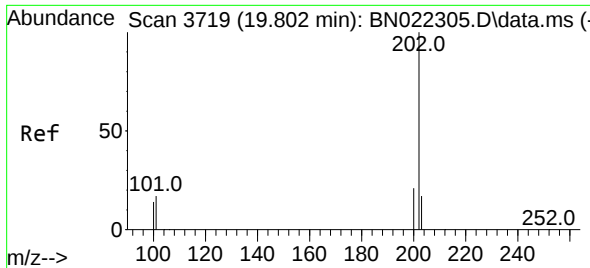


#19
 Fluoranthene
 Concen: 26.858 ng/ul
 RT: 19.439 min Scan# 3641
 Delta R.T. -0.001 min
 Lab File: BN022308.D
 Acq: 24 Oct 2022 21:28



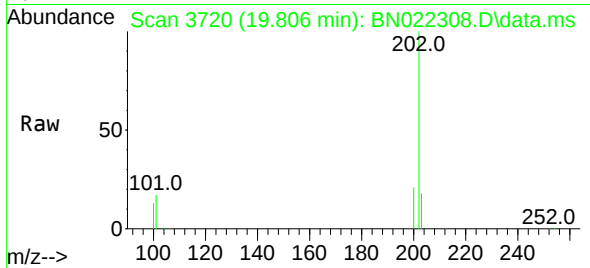
Tgt Ion:202 Resp: 1264247
 Ion Ratio Lower Upper
 202 100
 101 15.1 11.8 17.6
 100 11.3 8.7 13.1





#20
Pyrene
Concen: 19.715 ng/ul
RT: 19.806 min Scan# 31
Delta R.T. 0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

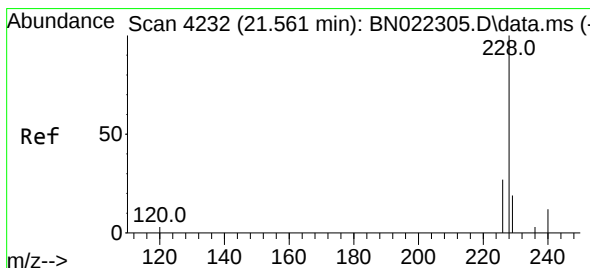
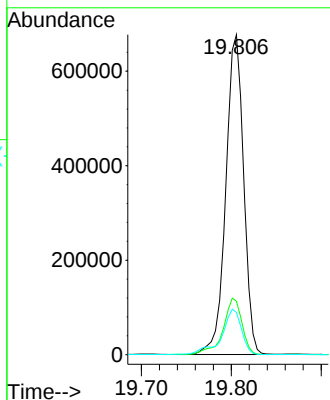
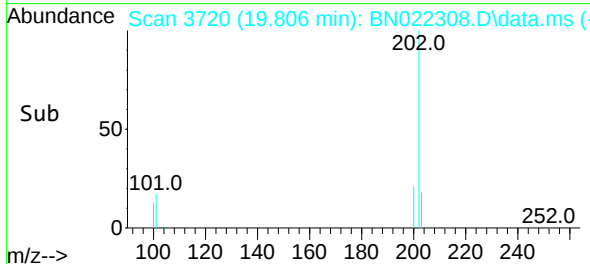
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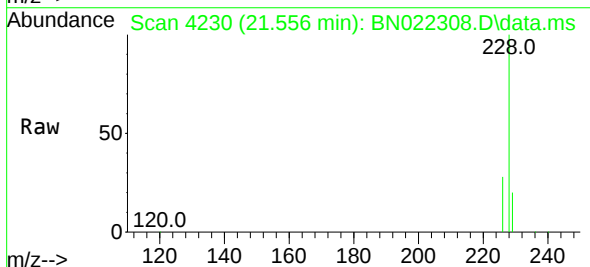
Tgt Ion:202 Resp: 932289
Ion Ratio Lower Upper
202 100
101 16.7 13.1 19.7
100 13.1 10.6 16.0

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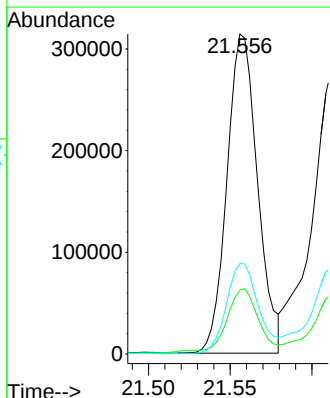
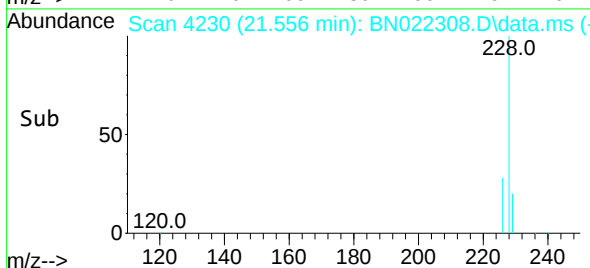
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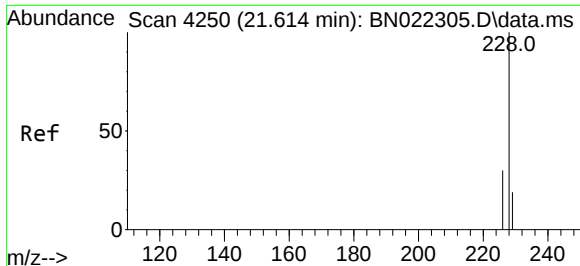


#21
Benzo(a)anthracene
Concen: 10.637 ng/ul
RT: 21.556 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28



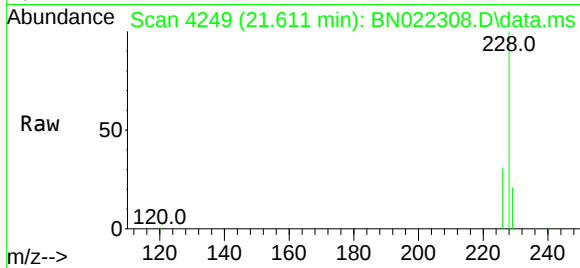
Tgt Ion:228 Resp: 409600
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 28.3 21.5 32.3





#22
Chrysene
Concen: 9.942 ng/ul
RT: 21.611 min Scan# 4250
Delta R.T. 0.000 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

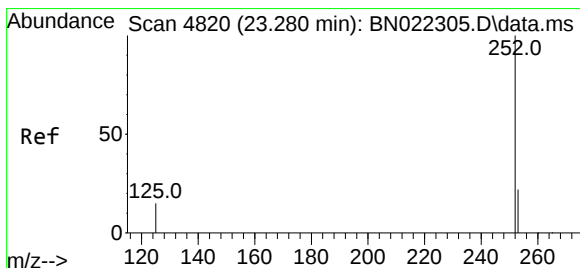
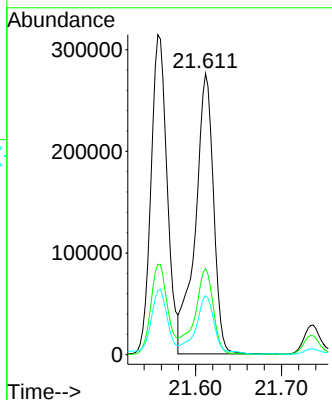
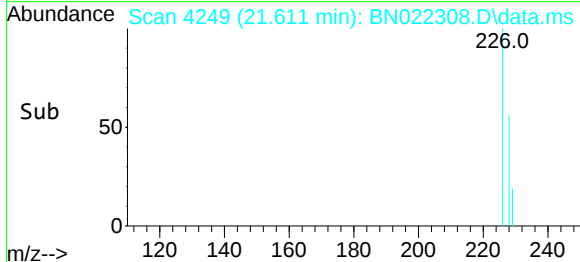
Instrument :
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Tgt Ion:228 Resp: 40576
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 21.0 15.9 23.9

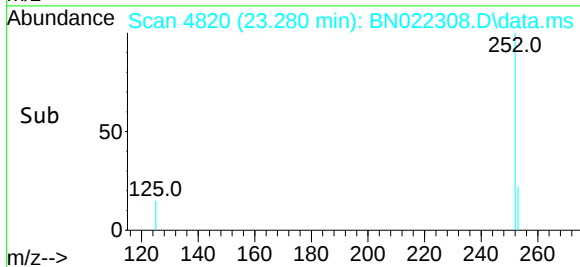
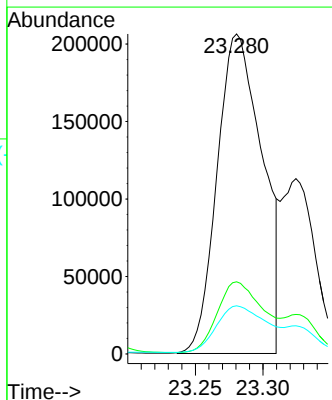
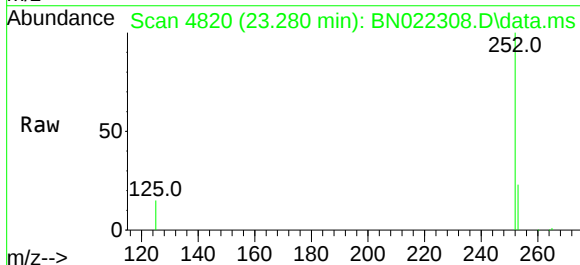
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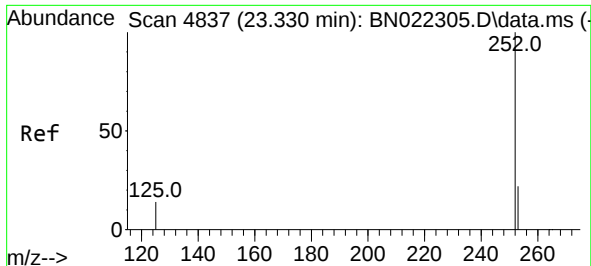
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#24
Benzo(b)fluoranthene
Concen: 12.911 ng/ul m
RT: 23.280 min Scan# 4820
Delta R.T. 0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

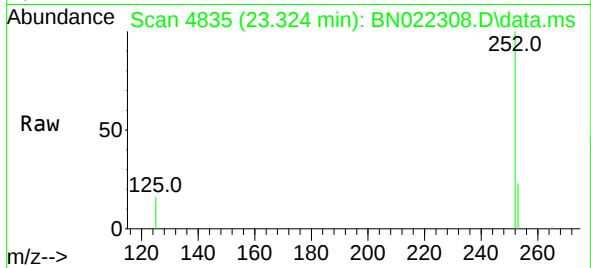
Tgt Ion:252 Resp: 478343
Ion Ratio Lower Upper
252 100
253 22.5 0.0 49.0
125 15.1 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 4.865 ng/ul m
RT: 23.324 min Scan# 4835
Delta R.T. -0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

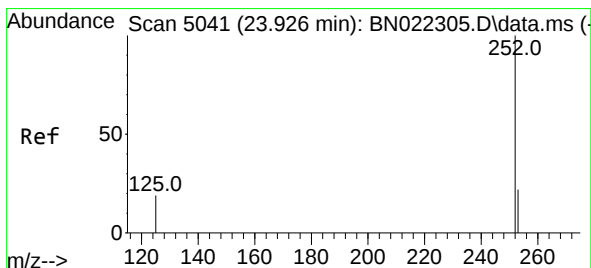
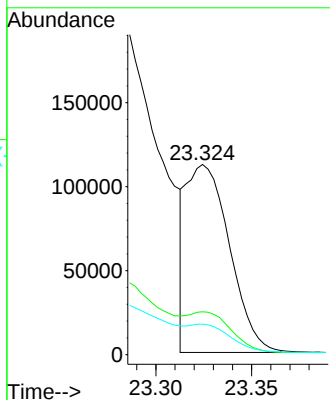
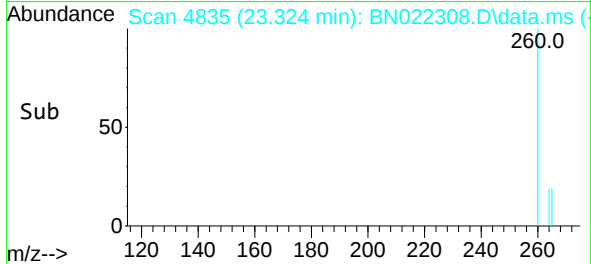
Instrument :
BNA_N
ClientSampleId :
C0BK7



Tgt Ion:252 Resp: 175260
Ion Ratio Lower Upper
252 100
253 22.6 19.7 29.5
125 16.0 14.0 21.0

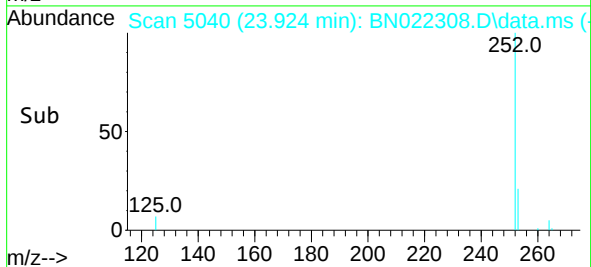
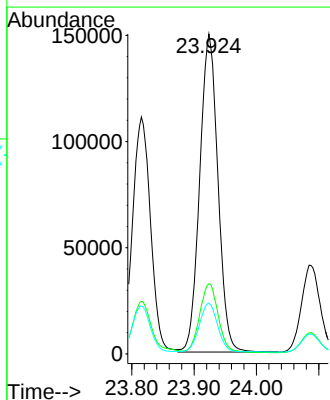
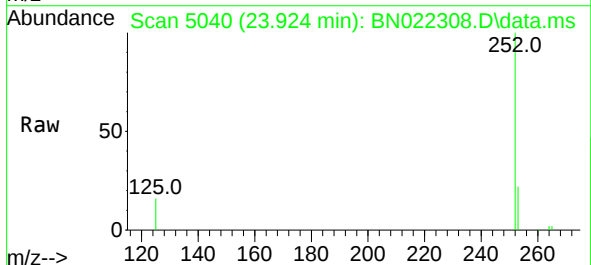
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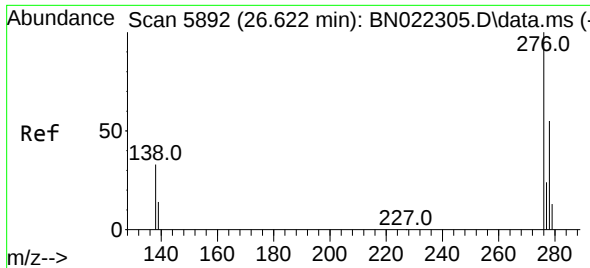
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 10.283 ng/ul
RT: 23.924 min Scan# 5040
Delta R.T. 0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

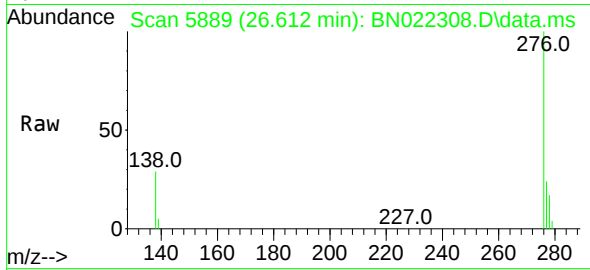
Tgt Ion:252 Resp: 303723
Ion Ratio Lower Upper
252 100
253 21.9 21.0 31.6
125 15.9 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 6.623 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.003 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

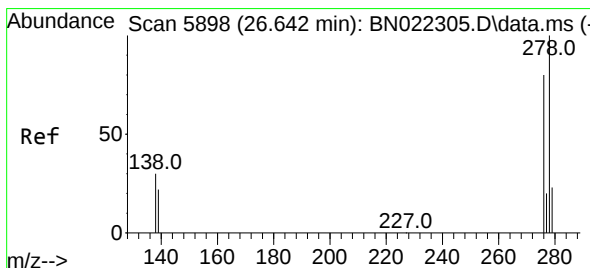
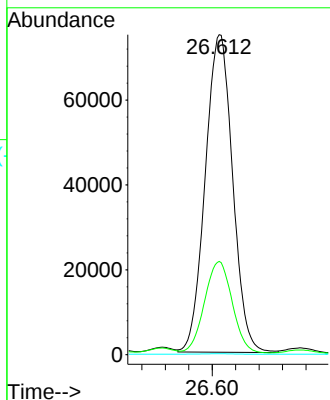
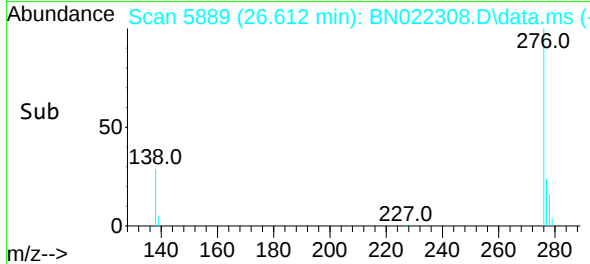
Instrument :
BNA_N
ClientSampleId :
C0BK7



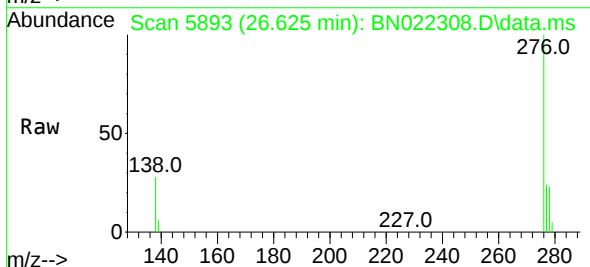
Tgt Ion: 276 Resp: 24319
Ion Ratio Lower Upper
276 100
138 29.1 27.7 41.5
227 0.2 0.2 0.2

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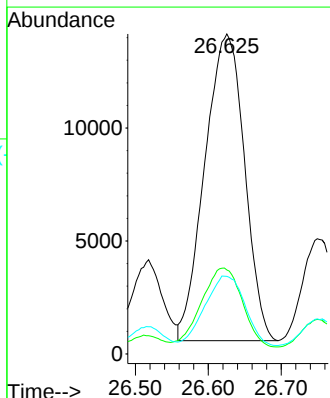
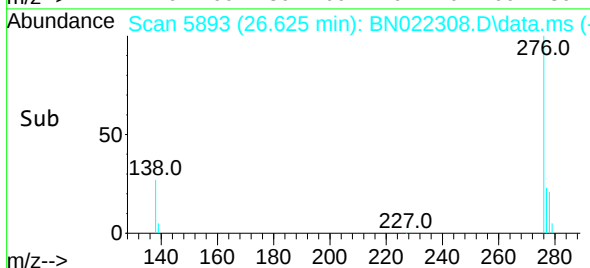
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

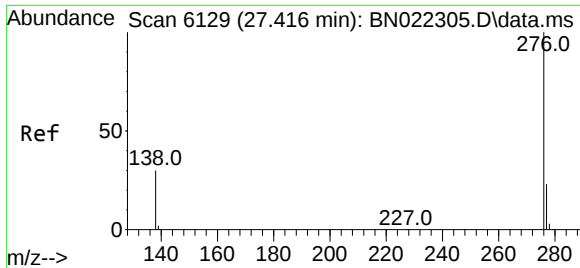


#28
Dibenzo(a,h)anthracene
Concen: 1.749 ng/ul
RT: 26.625 min Scan# 5893
Delta R.T. -0.013 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28



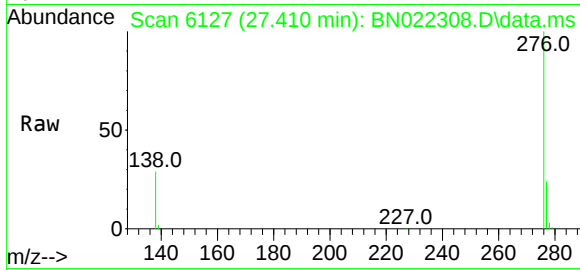
Tgt Ion: 278 Resp: 51294
Ion Ratio Lower Upper
278 100
139 26.3 19.6 29.4
279 24.2 20.6 30.8





#29
Benzo(g,h,i)perylene
Concen: 6.350 ng/ul
RT: 27.410 min Scan# 6127
Delta R.T. 0.000 min
Lab File: BN022308.D
Acq: 24 Oct 2022 21:28

Instrument :
BNA_N
ClientSampleId :
C0BK7



Tgt Ion:276 Resp: 189952
Ion Ratio Lower Upper
276 100
138 29.3 25.2 37.8
277 23.8 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

