

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028076.D
 Acq On : 06 Oct 2023 08:33
 Operator : MA/JU
 Sample : 04527-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYY7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023

Quant Time: Oct 07 00:29:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	4986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	15626	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.583	164	8735	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.337	188	16717	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.530	240	14764	0.400	ng/ul	# 0.01
23) Perylene-d12	24.000	264	14816	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	19594	3.129	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	4054	0.161	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	8034	0.172	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	34596	0.780	ng/ul	99
7) 2-Methylnaphthalene	12.412	142	11230	0.401	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	4439	0.153	ng/ul	100
10) Acenaphthylene	14.314	152	6990	0.176	ng/ul	97
11) Acenaphthene	14.647	153	1671	0.053	ng/ul	94
12) Fluorene	15.637	166	1100	0.031	ng/ul#	78
15) Phenanthrene	17.384	178	45508	0.913	ng/ul	99
16) Anthracene	17.472	178	8921	0.200	ng/ul#	93
19) Fluoranthene	19.399	202	113862	2.020	ng/ul	100
20) Pyrene	19.766	202	96066m	1.644	ng/ul	
21) Benzo(a)anthracene	21.513	228	76292	1.415	ng/ul	95
22) Chrysene	21.568	228	134199	2.465	ng/ul#	95
24) Benzo(b)fluoranthene	23.234	252	226781m	4.128	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	73112m	1.337	ng/ul	
26) Benzo(a)pyrene	23.889	252	110280	2.354	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.596	276	128901	2.274	ng/ul	95
28) Dibenzo(a,h)anthracene	26.603	278	34852	0.756	ng/ul#	64
29) Benzo(g,h,i)perylene	27.408	276	136745	2.951	ng/ul	98

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

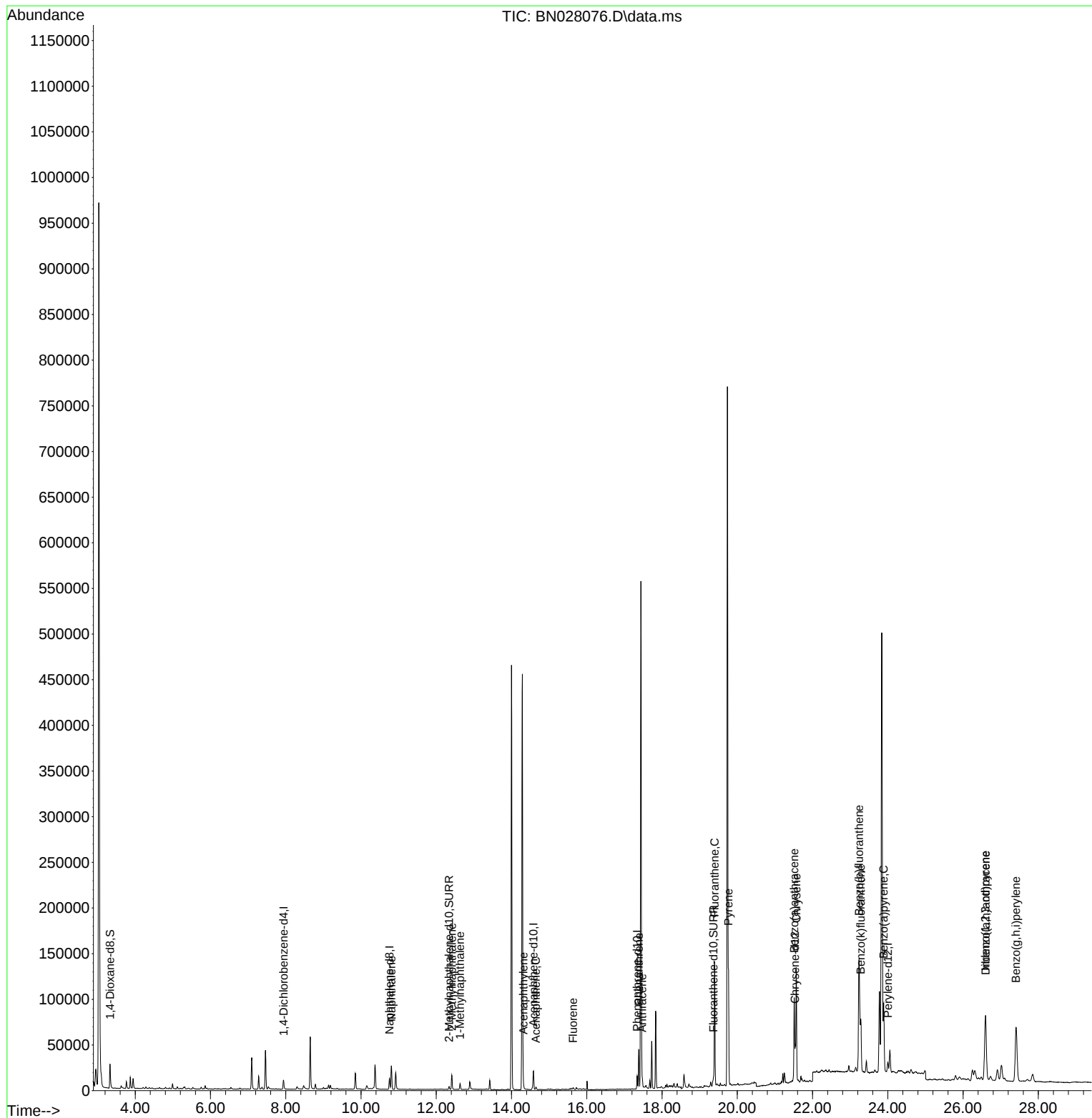
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028076.D
Acq On : 06 Oct 2023 08:33
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Sample : 04527-10
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ALS Vial : 29 Sample Multiplier: 1

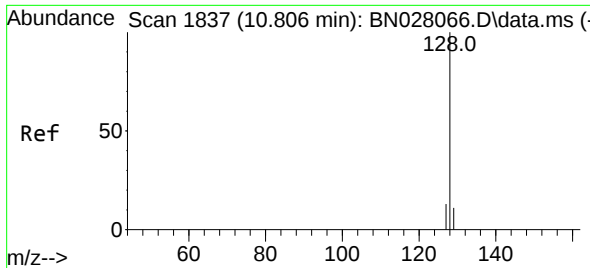
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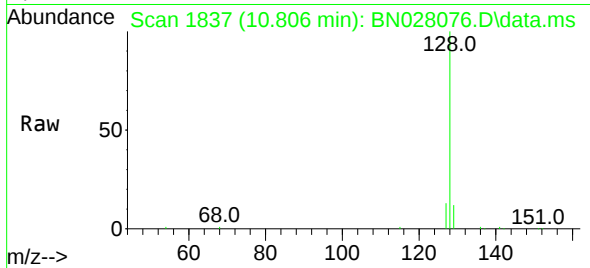
Quant Time: Oct 07 00:29:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
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#5
Naphthalene
Concen: 0.780 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

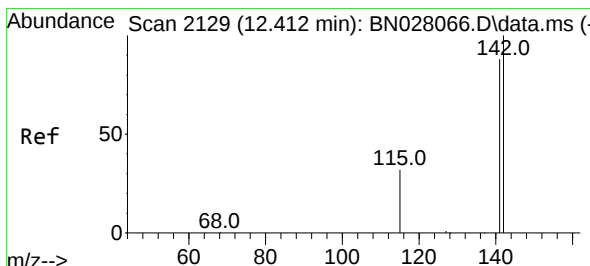
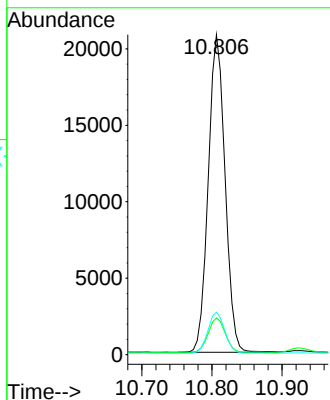
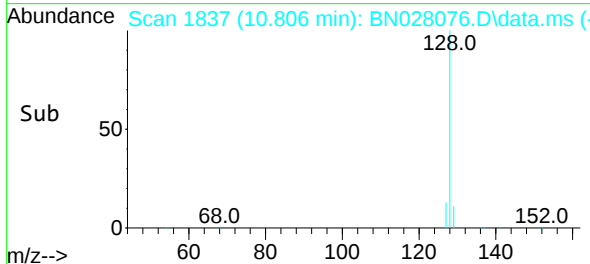
Instrument :
BNA_N
ClientSampleId :
EZY7



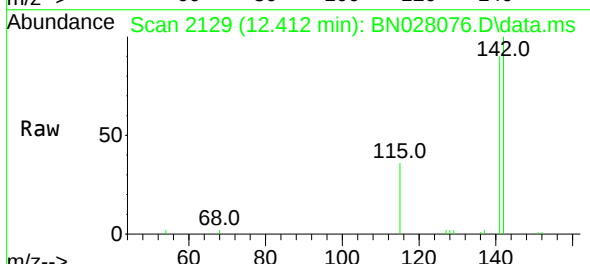
Tgt Ion:128 Resp: 34590
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.0
127 13.3 11.0 16.4

Manual Integrations
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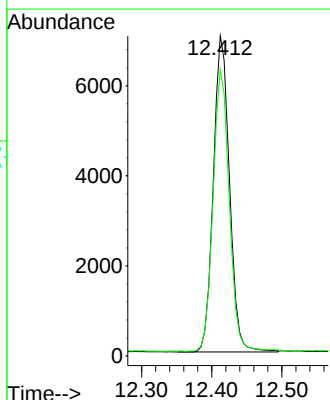
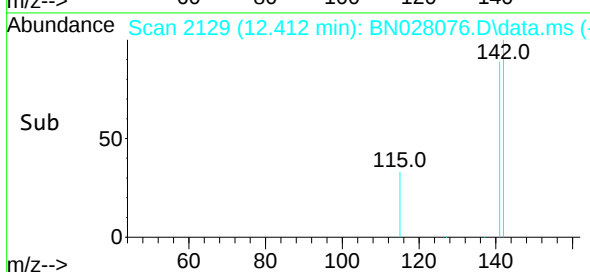
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

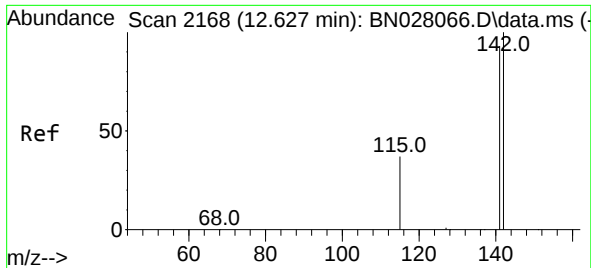


#7
2-Methylnaphthalene
Concen: 0.401 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33



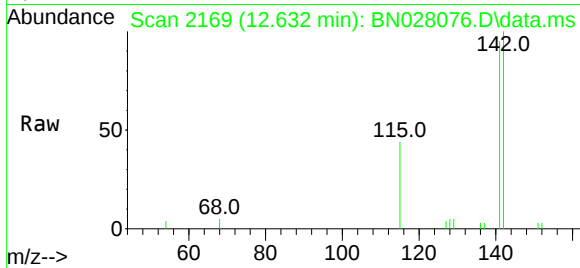
Tgt Ion:142 Resp: 11230
Ion Ratio Lower Upper
142 100
141 89.4 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.153 ng/u1
RT: 12.632 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

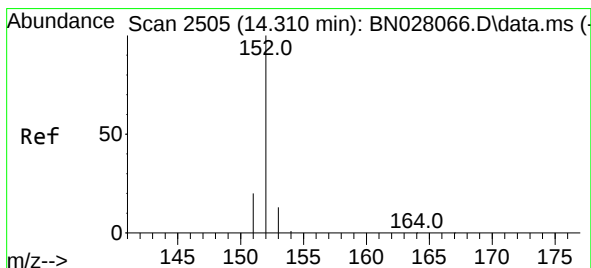
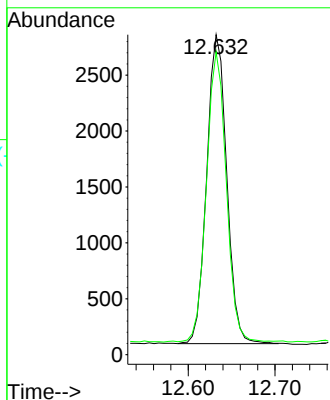
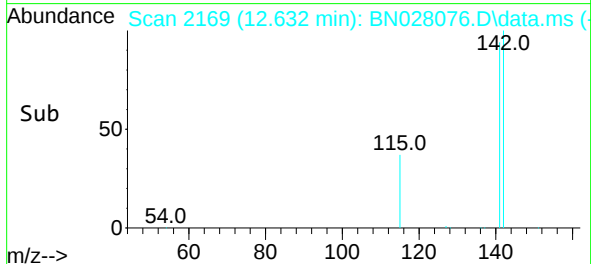
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 4439
Ion Ratio Lower Upper
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141 92.9 74.4 111.6

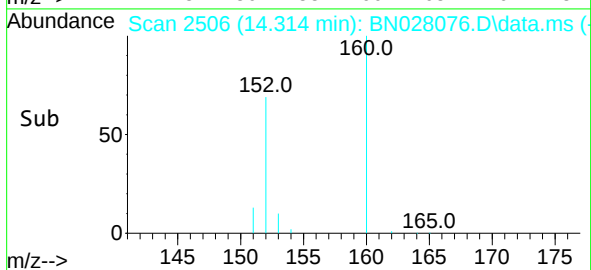
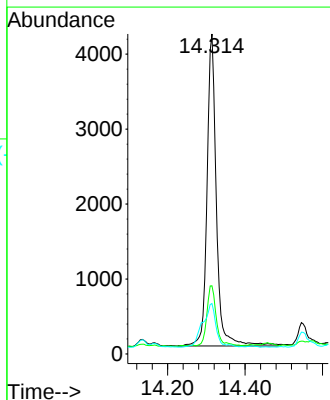
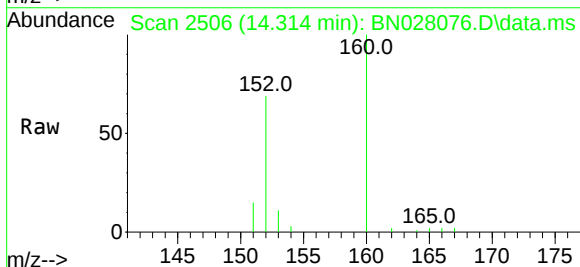
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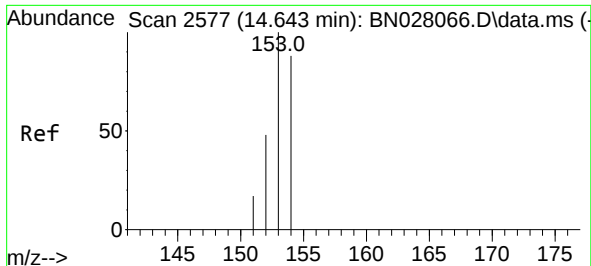
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#10
Acenaphthylene
Concen: 0.176 ng/u1
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

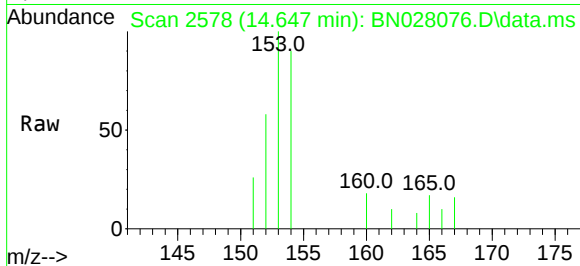
Tgt Ion:152 Resp: 6990
Ion Ratio Lower Upper
152 100
151 21.3 16.4 24.6
153 15.7 10.9 16.3





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

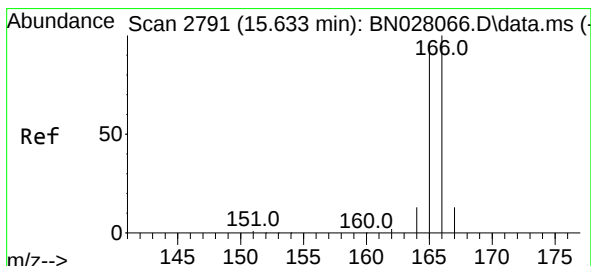
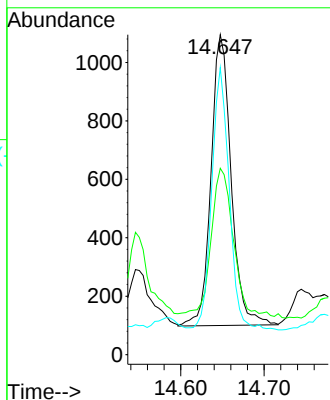
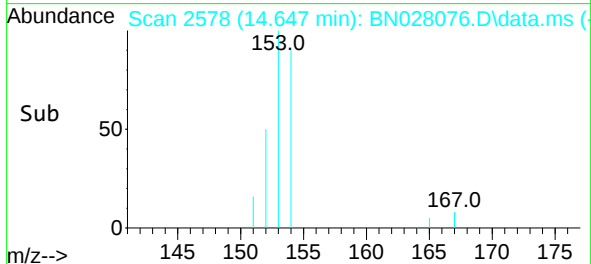
Instrument :
BNA_N
ClientSampleId :
EZY7



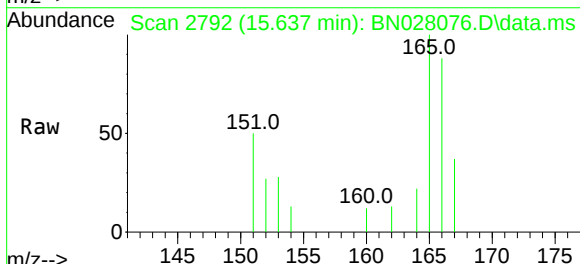
Tgt Ion:153 Resp: 167
Ion Ratio Lower Upper
153 100
152 58.3 39.4 59.0
154 89.7 70.2 105.4

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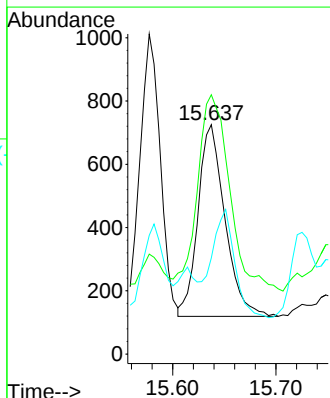
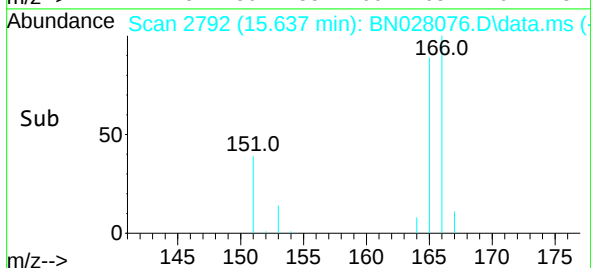
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

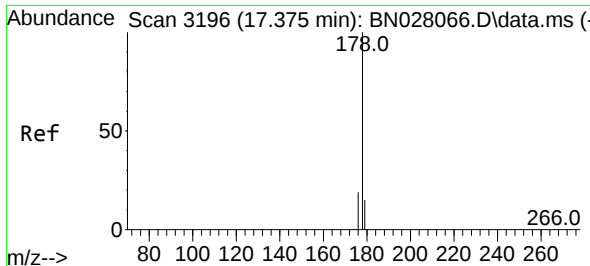


#12
Fluorene
Concen: 0.031 ng/u1
RT: 15.637 min Scan# 2792
Delta R.T. 0.005 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33



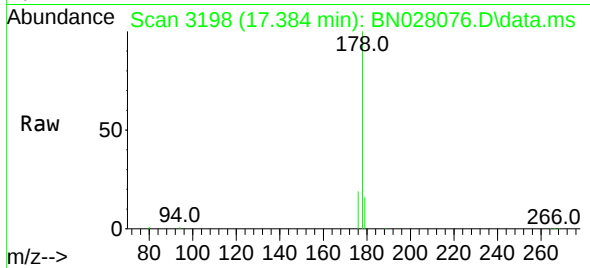
Tgt Ion:166 Resp: 1100
Ion Ratio Lower Upper
166 100
165 113.1 78.5 117.7
167 41.9 11.2 16.8#





#15
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.384 min Scan# 3196
Delta R.T. 0.008 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

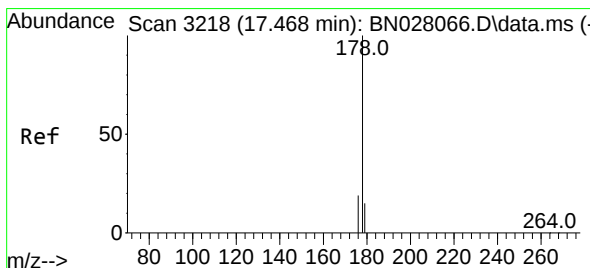
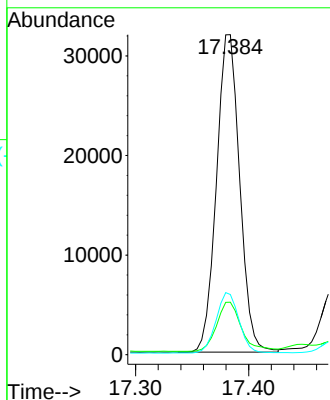
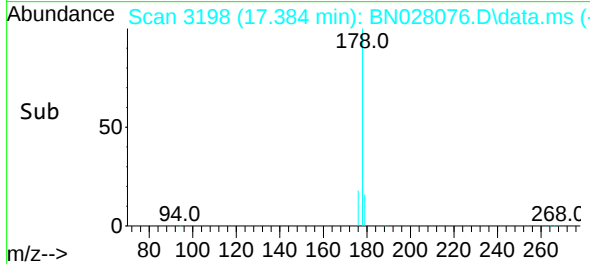
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:178 Resp: 45508
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 18.8 15.5 23.3

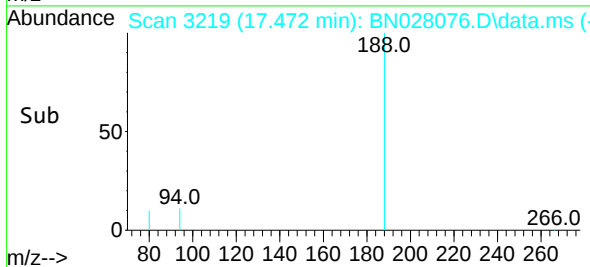
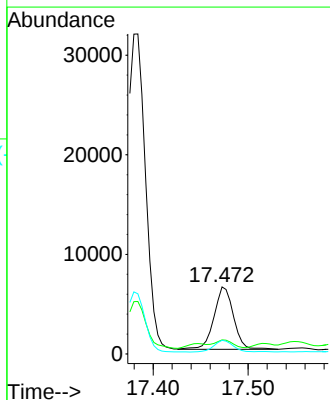
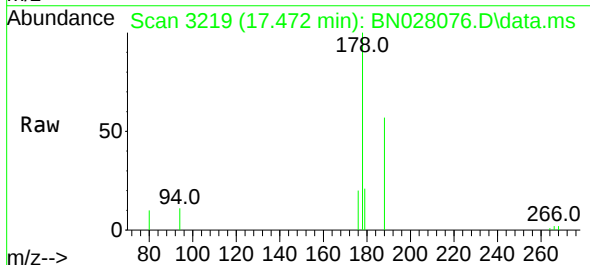
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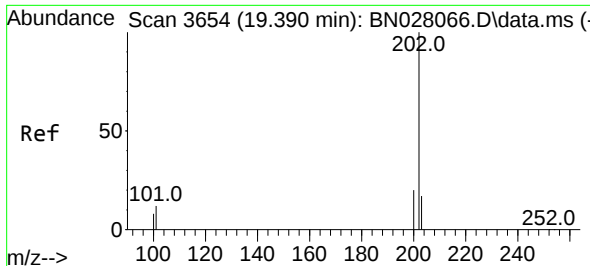
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. 0.004 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

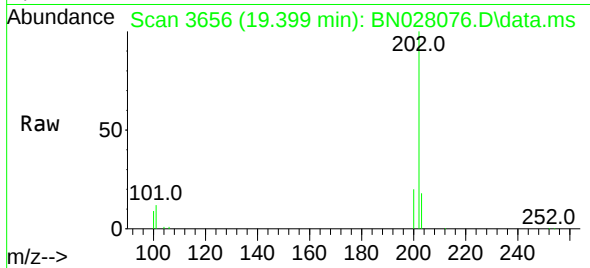
Tgt Ion:178 Resp: 8921
Ion Ratio Lower Upper
178 100
179 21.0 12.8 19.2#
176 20.2 15.0 22.6





#19
Fluoranthene
Concen: 2.020 ng/ul
RT: 19.399 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

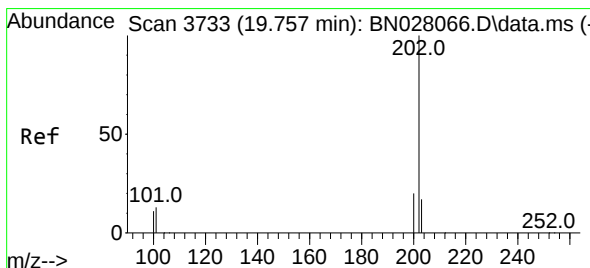
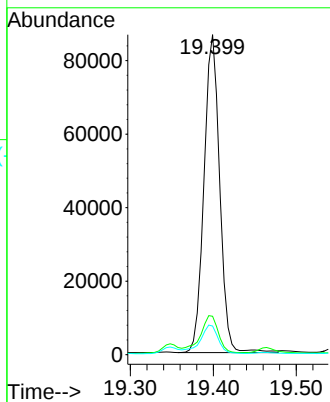
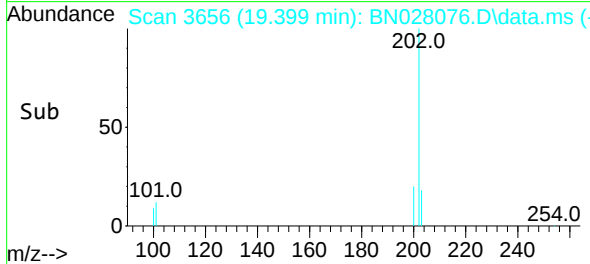
Instrument :
BNA_N
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Tgt Ion:202 Resp: 113862
Ion Ratio Lower Upper
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101 12.0 9.6 14.4
100 9.0 7.4 11.0

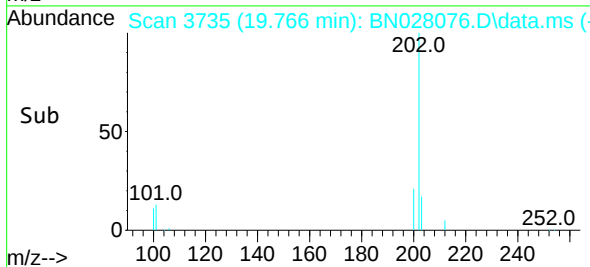
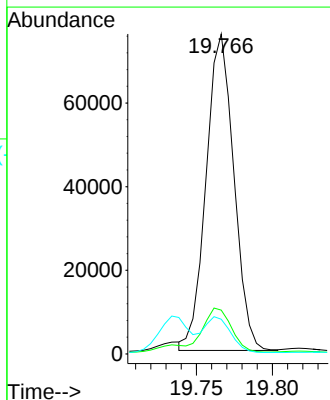
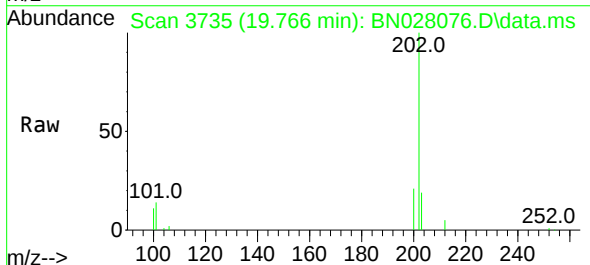
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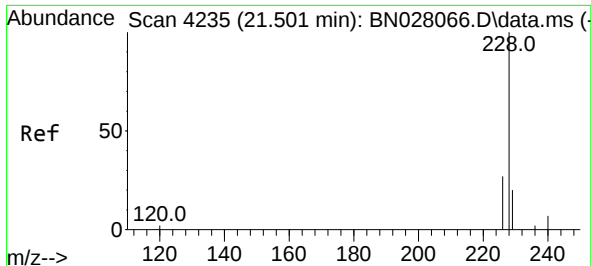
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#20
Pyrene
Concen: 1.644 ng/ul m
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

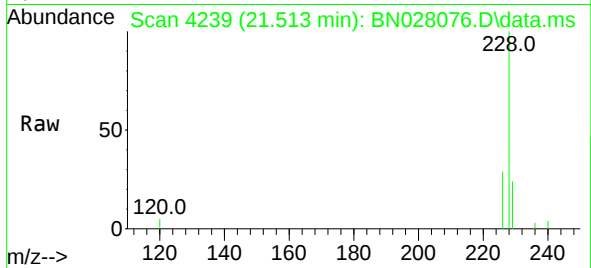
Tgt Ion:202 Resp: 96066
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.415 ng/ul
RT: 21.513 min Scan# 4239
Delta R.T. 0.012 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

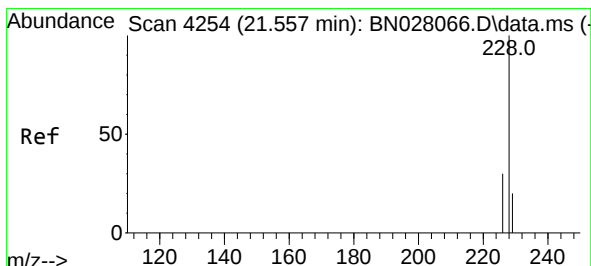
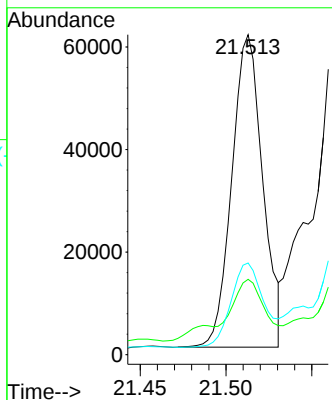
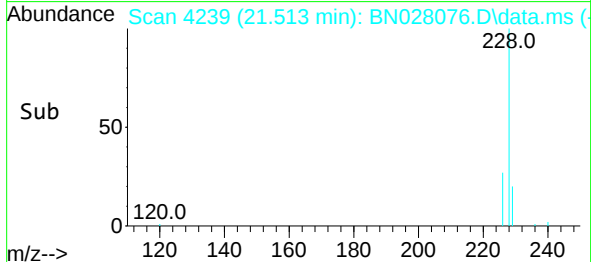
Instrument :
BNA_N
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Tgt Ion:228 Resp: 76292
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 28.7 21.5 32.3

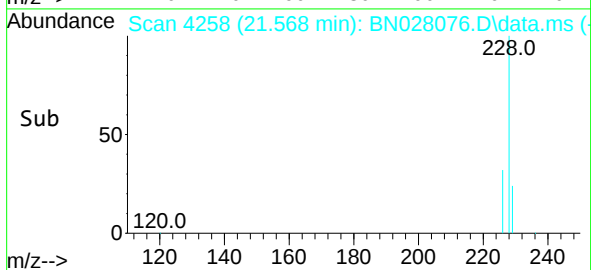
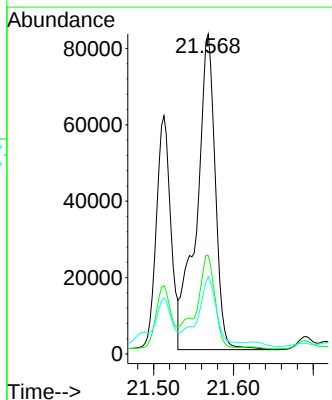
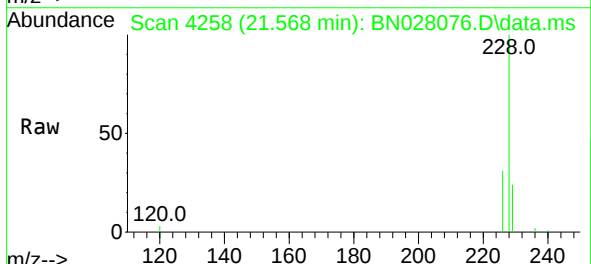
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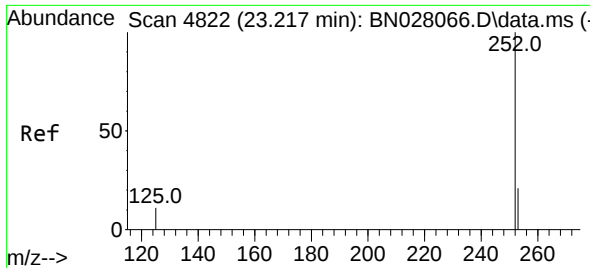
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#22
Chrysene
Concen: 2.465 ng/ul
RT: 21.568 min Scan# 4258
Delta R.T. 0.012 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

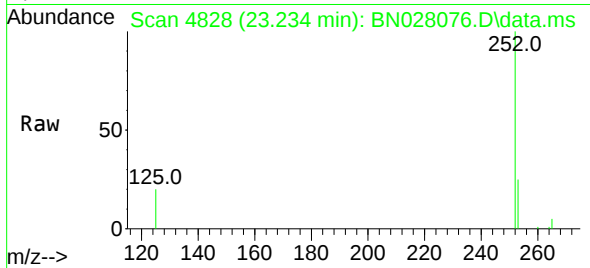
Tgt Ion:228 Resp: 134199
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 24.1 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 4.128 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. 0.018 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

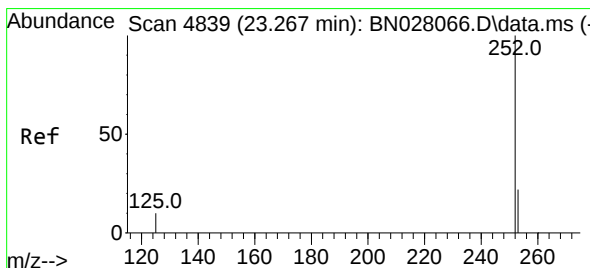
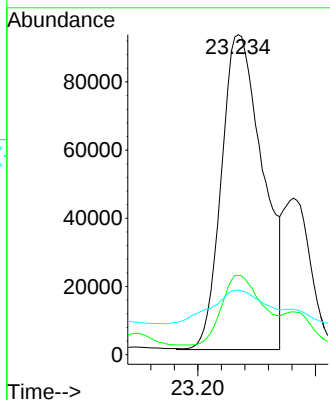
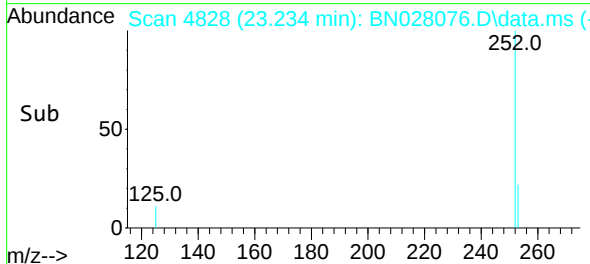
Instrument :
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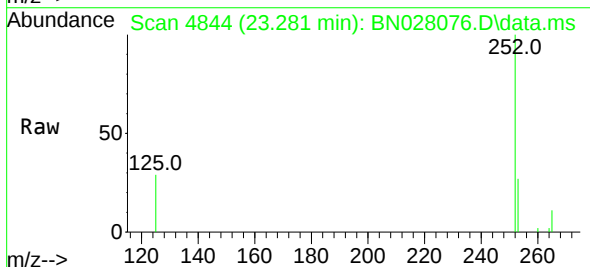
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Ion Ratio Lower Upper
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253 24.8 0.0 54.0
125 20.2 0.0 31.4

Manual Integrations
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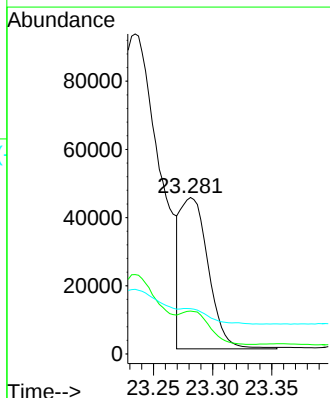
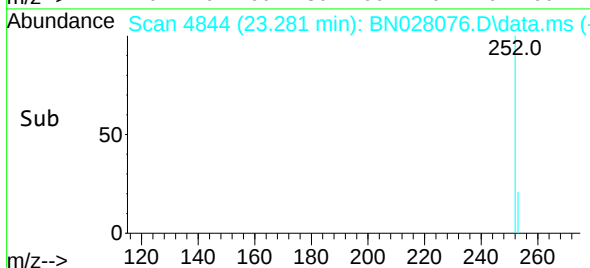
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023

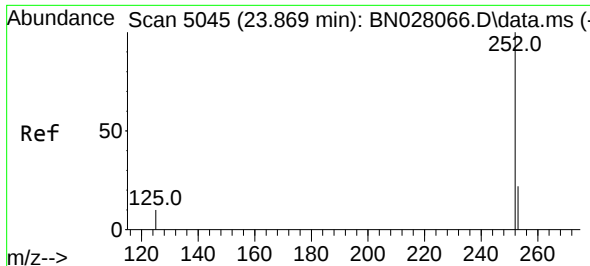


#25
Benzo(k)fluoranthene
Concen: 1.337 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.015 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33



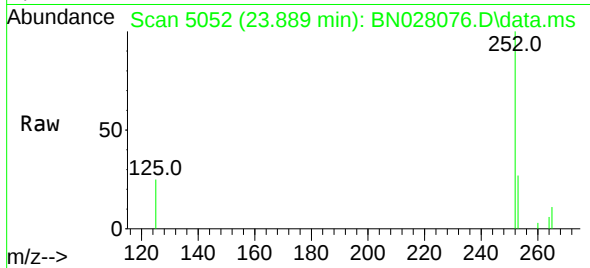
Tgt Ion:252 Resp: 73112
Ion Ratio Lower Upper
252 100
253 27.4 21.8 32.8
125 29.0 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.354 ng/ul
RT: 23.889 min Scan# 5045
Delta R.T. 0.020 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

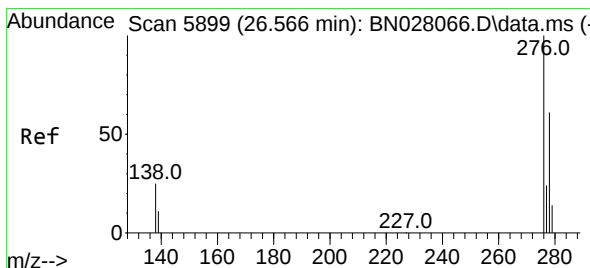
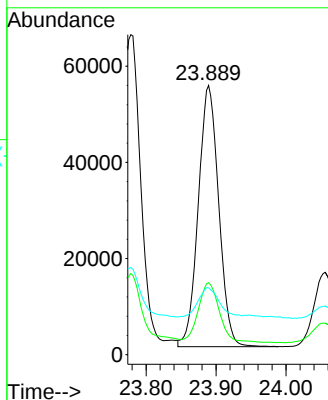
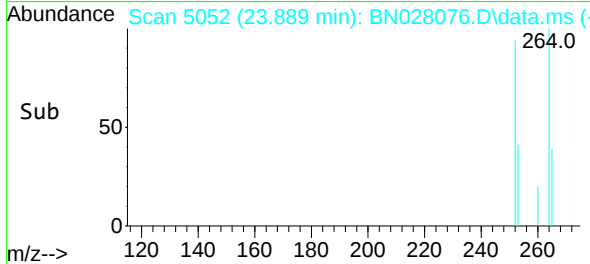
Instrument :
BNA_N
ClientSampleId :
EZY7



Tgt Ion:252 Resp: 110280
Ion Ratio Lower Upper
252 100
253 26.8 23.4 35.2
125 24.8 15.3 22.9

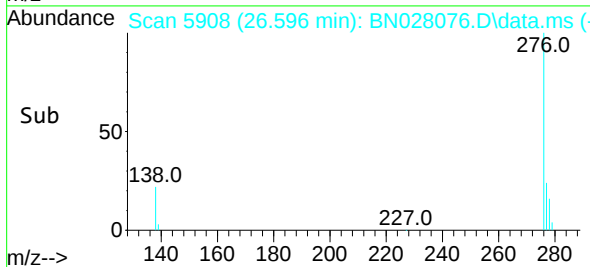
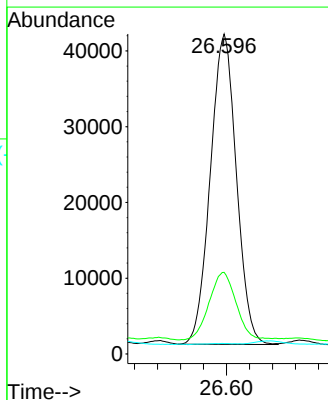
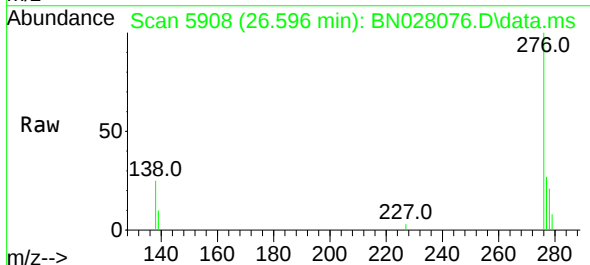
Manual Integrations
APPROVED

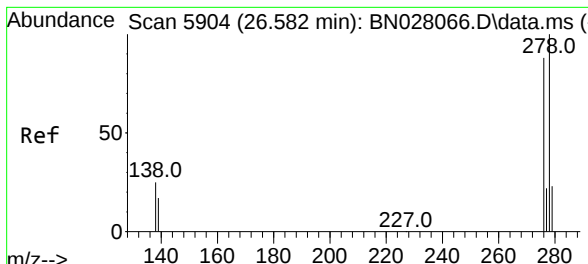
Reviewed By :Yogesh Patel 10/08/2023
Supervised By :mohammad ahmed 10/08/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.274 ng/ul
RT: 26.596 min Scan# 5908
Delta R.T. 0.030 min
Lab File: BN028076.D
Acq: 06 Oct 2023 08:33

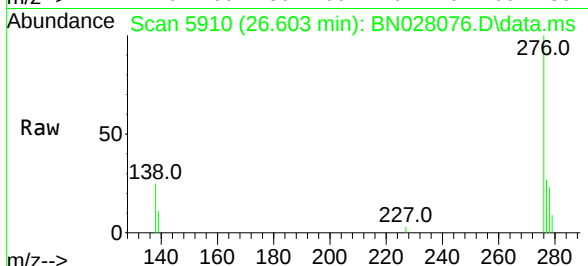
Tgt Ion:276 Resp: 128901
Ion Ratio Lower Upper
276 100
138 24.4 21.6 32.4
227 0.2 0.2 0.2





#28
 Dibenzo(a,h)anthracene
 Concen: 0.756 ng/ul
 RT: 26.603 min Scan# 5910
 Delta R.T. 0.020 min
 Lab File: BN028076.D
 Acq: 06 Oct 2023 08:33

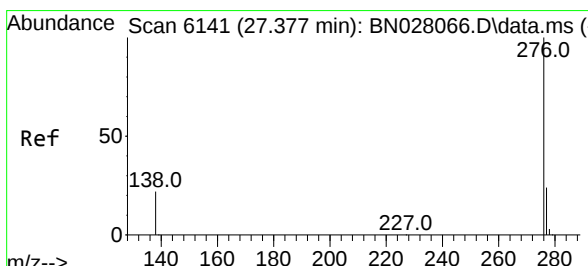
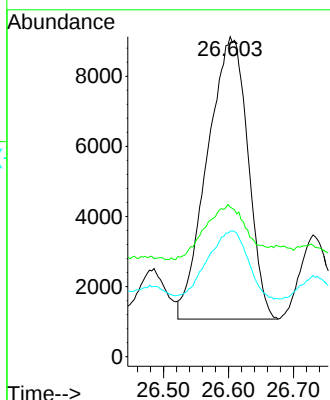
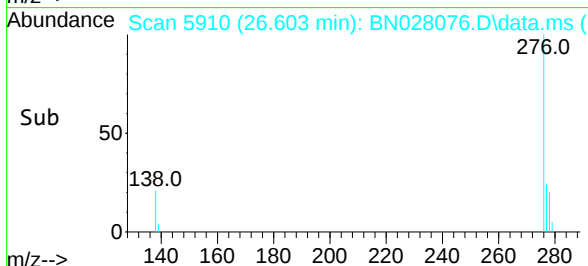
Instrument :
 BNA_N
 ClientSampleId :
 EZYY7



Tgt Ion:278 Resp: 3485
 Ion Ratio Lower Upper
 278 100
 139 46.8 15.9 23.9
 279 39.2 22.8 34.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/08/2023
 Supervised By :mohammad ahmed 10/08/2023



#29
 Benzo(g,h,i)perylene
 Concen: 2.951 ng/ul
 RT: 27.408 min Scan# 6150
 Delta R.T. 0.030 min
 Lab File: BN028076.D
 Acq: 06 Oct 2023 08:33

Tgt Ion:276 Resp: 136745
 Ion Ratio Lower Upper
 276 100
 138 26.5 19.8 29.6
 277 26.5 20.6 31.0

