

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027092.D
 Acq On : 24 Aug 2023 10:19
 Operator : MA/JU
 Sample : 03968-31
 Misc :
 ALS Vial : 112 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48P9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

Quant Time: Aug 25 03:00:56 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 : Wed Aug 23 02:28:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	10155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.916	136	34252	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.717	164	20738	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.464	188	56885	0.400	ng/ul	0.00
17) Chrysene-d12	21.635	240	37830	0.400	ng/ul	# 0.00
23) Perylene-d12	24.173	264	35703	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.431	96	32389	2.687	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.489	152	6850	0.136	ng/ul	0.00
18) Fluoranthene-d10	19.478	212	17639	0.148	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.966	128	8689	0.090	ng/ul	97
7) 2-Methylnaphthalene	12.560	142	4268	0.073	ng/ul	100
8) 1-Methylnaphthalene	12.775	142	3744	0.061	ng/ul	99
10) Acenaphthylene	14.448	152	15461	0.133	ng/ul	98
11) Acenaphthene	14.781	153	16079	0.200	ng/ul	98
12) Fluorene	15.762	166	18940	0.208	ng/ul	99
15) Phenanthrene	17.506	178	355107	1.900	ng/ul	100
16) Anthracene	17.595	178	78795	0.467	ng/ul	99
19) Fluoranthene	19.511	202	573344	3.649	ng/ul	99
20) Pyrene	19.878	202	581402m	3.468	ng/ul	
21) Benzo(a)anthracene	21.618	228	279594	1.858	ng/ul	99
22) Chrysene	21.676	228	275475	1.855	ng/ul	97
24) Benzo(b)fluoranthene	23.386	252	307840m	2.280	ng/ul	
25) Benzo(k)fluoranthene	23.430	252	113824m	0.855	ng/ul	
26) Benzo(a)pyrene	24.059	252	226609	1.860	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.847	276	113361	0.711	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.874	278	27739	0.218	ng/ul#	85
29) Benzo(g,h,i)perylene	27.682	276	107876	0.813	ng/ul	100

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

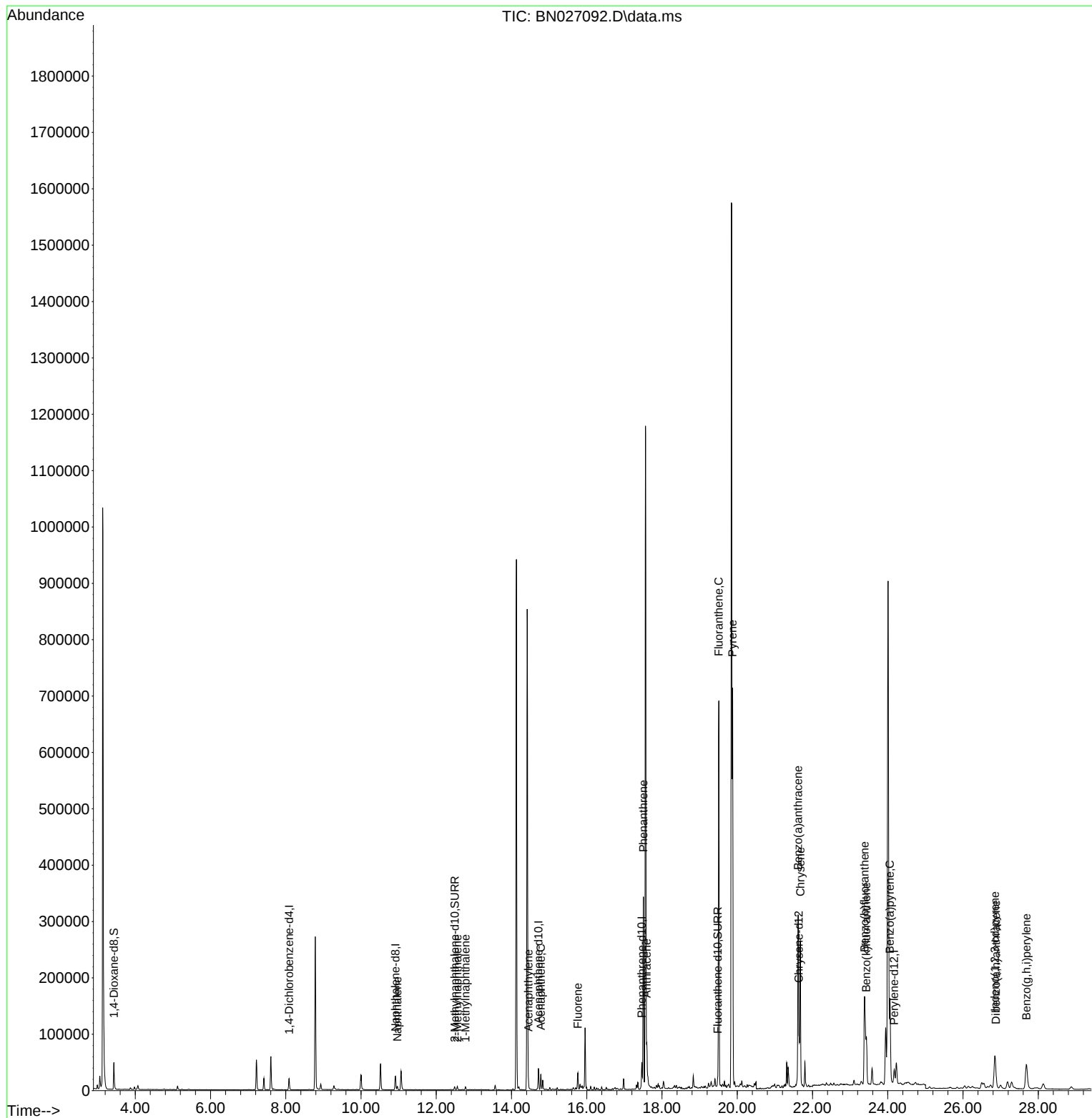
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027092.D
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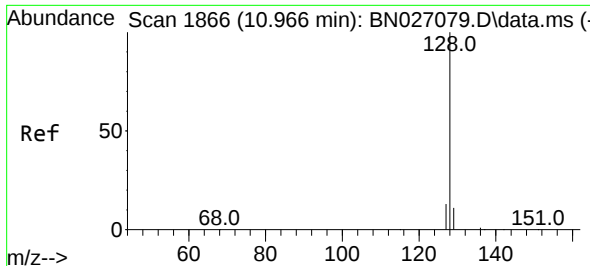
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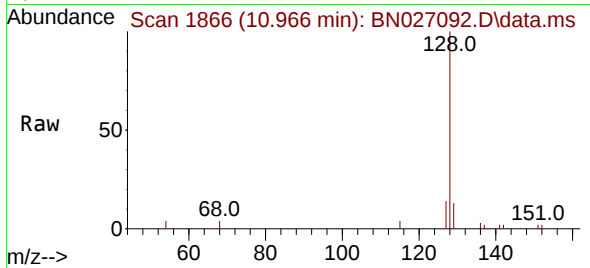
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023





#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.966 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

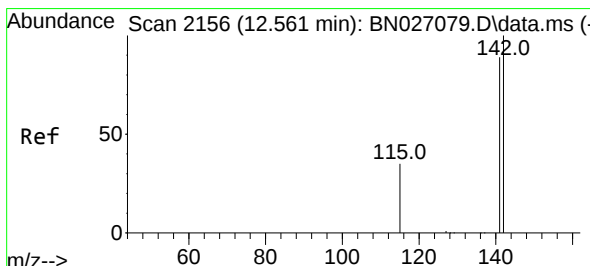
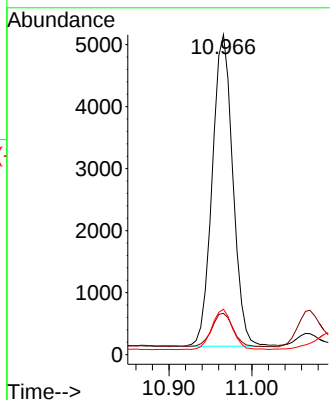
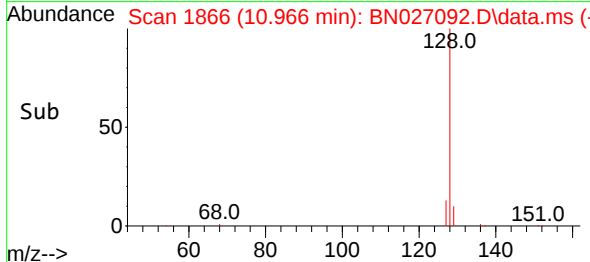
Instrument :
BNA_N
ClientSampleId :
A48P9



Tgt Ion:128 Resp: 8689
Ion Ratio Lower Upper
128 100
129 12.9 9.2 13.8
127 14.2 10.5 15.7

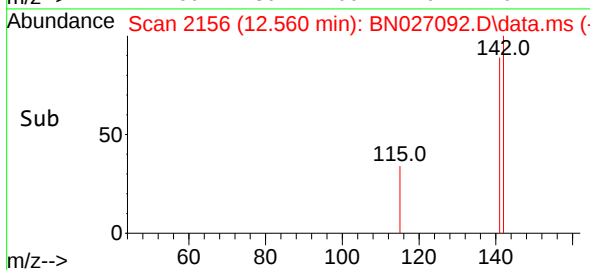
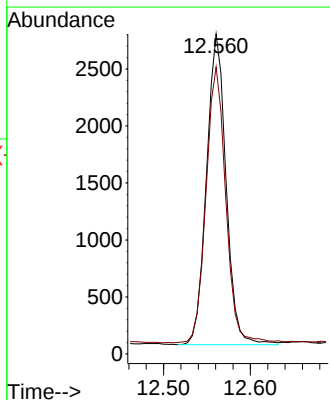
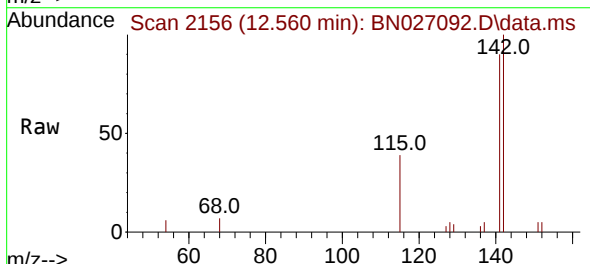
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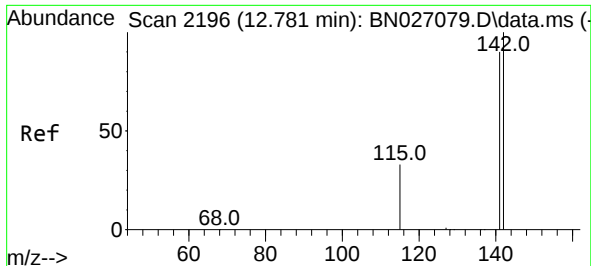
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.560 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

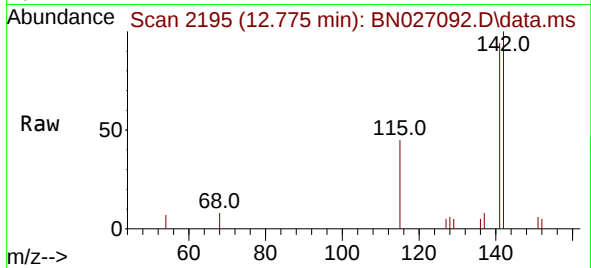
Tgt Ion:142 Resp: 4268
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.775 min Scan# 2196
Delta R.T. -0.011 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

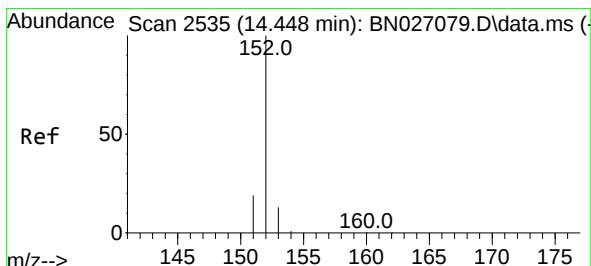
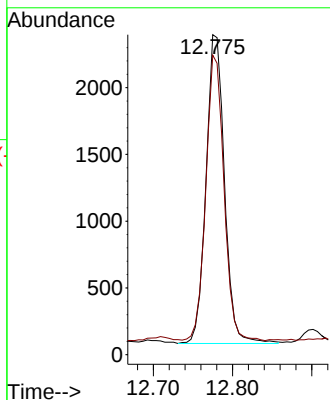
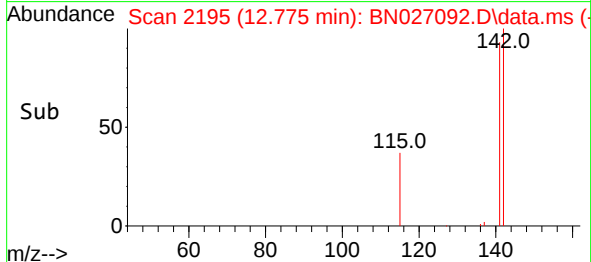
Instrument :
BNA_N
ClientSampleId :
A48P9



Tgt Ion:142 Resp: 3744
Ion Ratio Lower Upper
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141 90.6 73.2 109.8

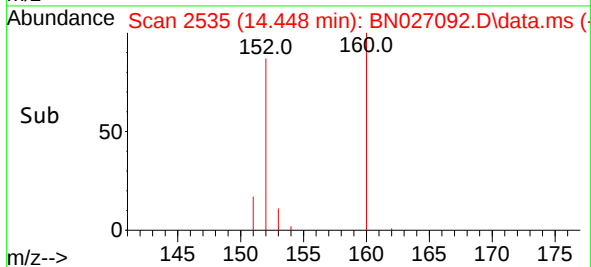
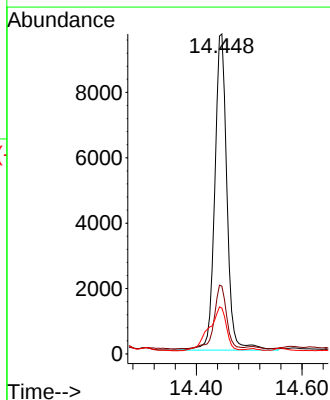
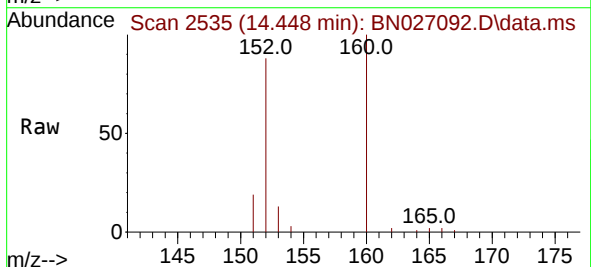
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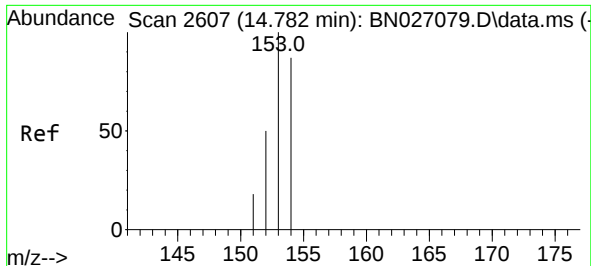
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#10
Acenaphthylene
Concen: 0.133 ng/ul
RT: 14.448 min Scan# 2535
Delta R.T. -0.005 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

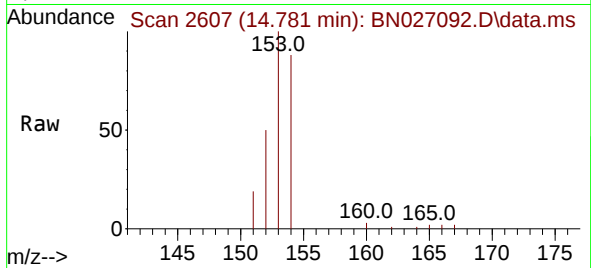
Tgt Ion:152 Resp: 15461
Ion Ratio Lower Upper
152 100
151 21.2 15.9 23.9
153 14.4 11.0 16.6





#11
Acenaphthene
Concen: 0.200 ng/ul
RT: 14.781 min Scan# 2607
Delta R.T. -0.005 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

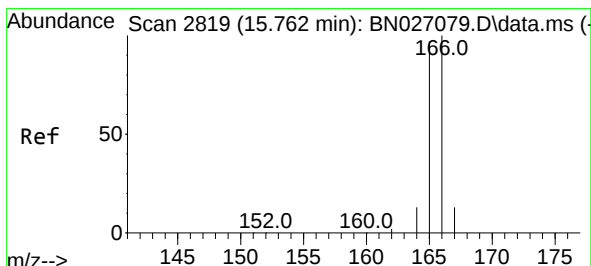
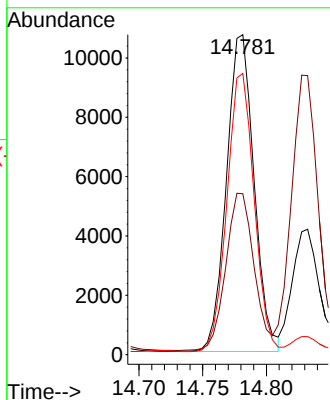
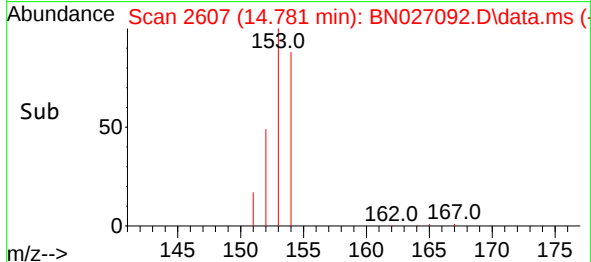
Instrument :
BNA_N
ClientSampleId :
A48P9



Tgt Ion:153 Resp: 16079
Ion Ratio Lower Upper
153 100
152 50.3 41.1 61.7
154 87.9 71.6 107.4

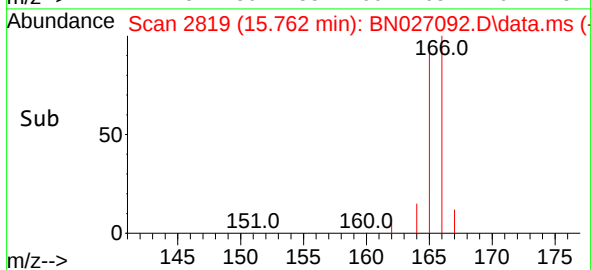
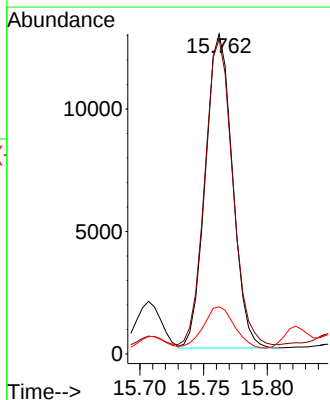
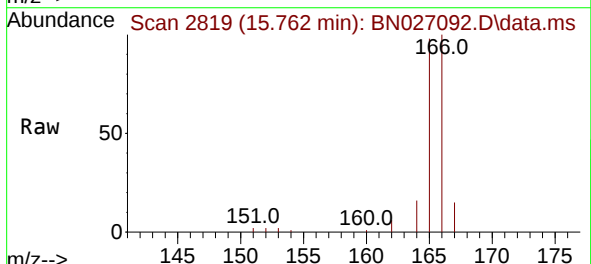
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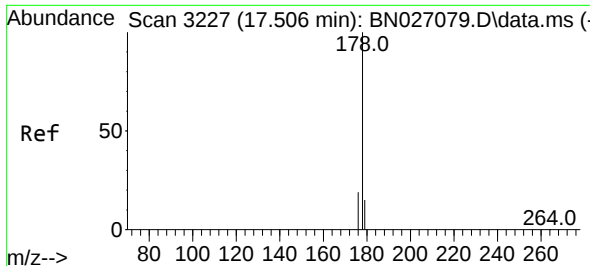
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.762 min Scan# 2819
Delta R.T. -0.005 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

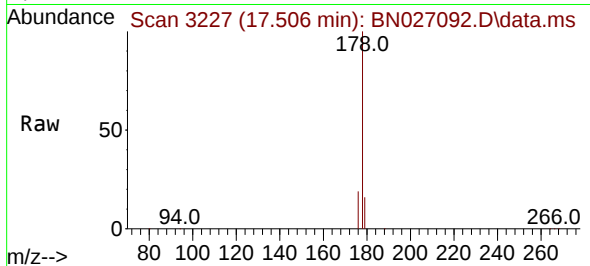
Tgt Ion:166 Resp: 18940
Ion Ratio Lower Upper
166 100
165 98.3 79.1 118.7
167 14.8 11.4 17.0





#15
Phenanthrene
Concen: 1.900 ng/ul
RT: 17.506 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

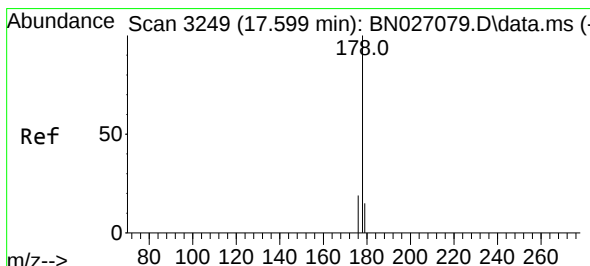
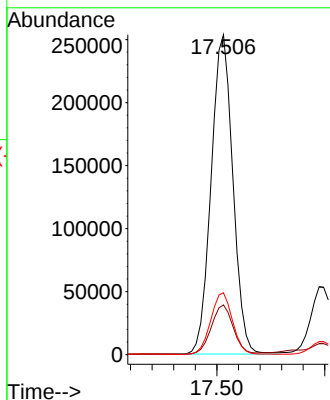
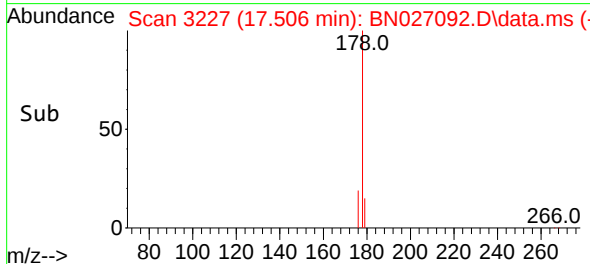
Instrument :
BNA_N
ClientSampleId :
A48P9



Tgt Ion:178 Resp: 35510
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.3 15.4 23.2

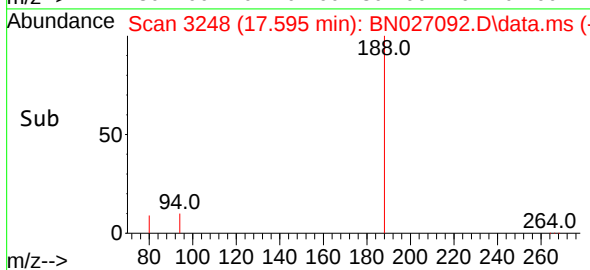
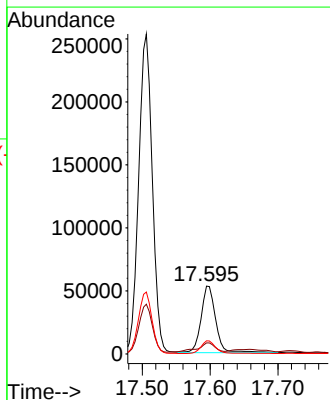
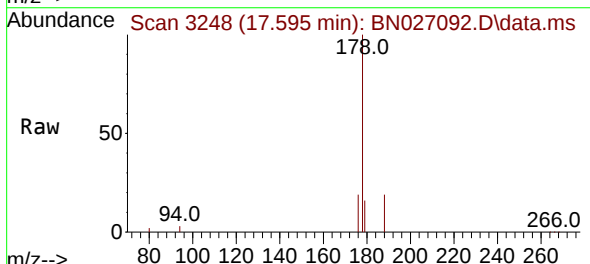
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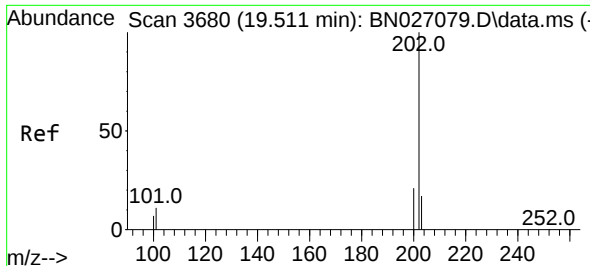
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#16
Anthracene
Concen: 0.467 ng/ul
RT: 17.595 min Scan# 3248
Delta R.T. -0.009 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

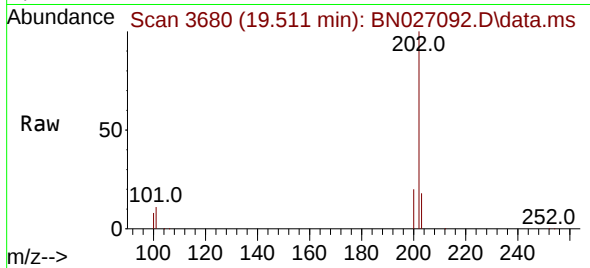
Tgt Ion:178 Resp: 78795
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.4 15.0 22.6





#19
Fluoranthene
Concen: 3.649 ng/ul
RT: 19.511 min Scan# 3680
Delta R.T. -0.005 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

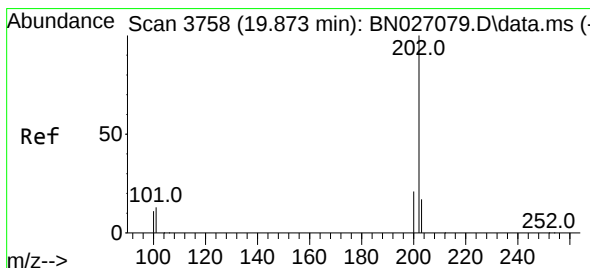
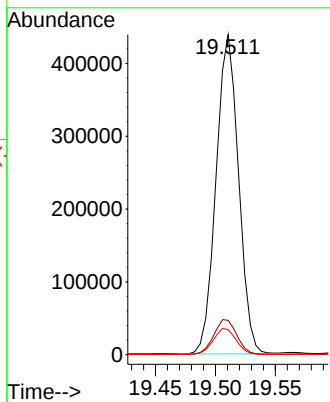
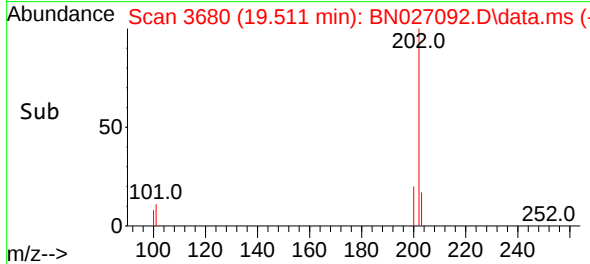
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A48P9



Tgt Ion:202 Resp: 573344
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 7.8 6.2 9.2

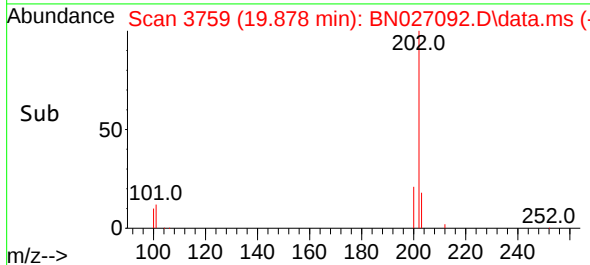
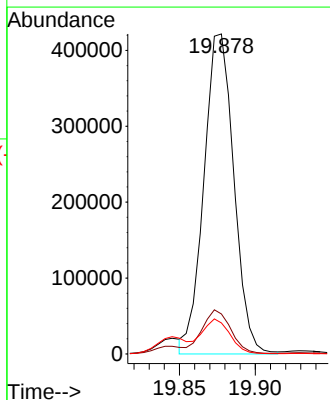
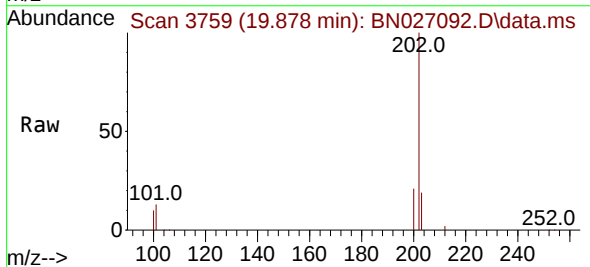
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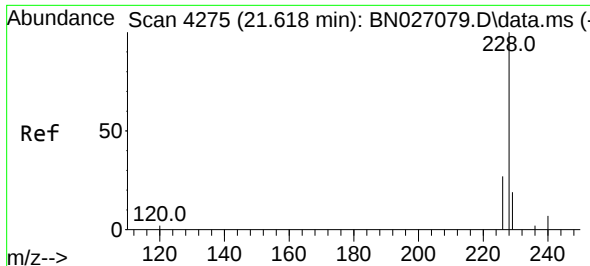
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#20
Pyrene
Concen: 3.468 ng/ul m
RT: 19.878 min Scan# 3759
Delta R.T. -0.005 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

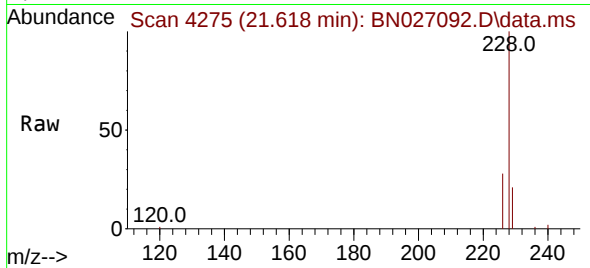
Tgt Ion:202 Resp: 581402
Ion Ratio Lower Upper
202 100
101 12.5 10.7 16.1
100 9.7 8.5 12.7





#21
Benzo(a)anthracene
Concen: 1.858 ng/u1
RT: 21.618 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

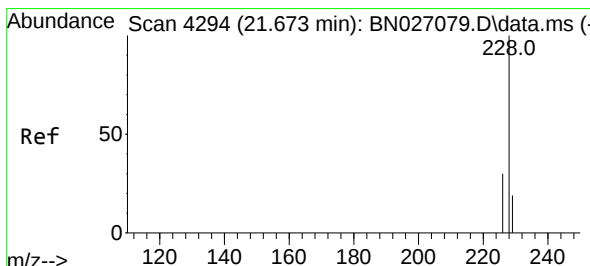
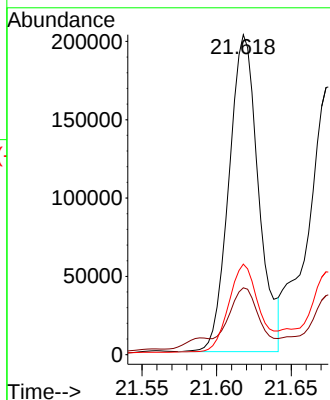
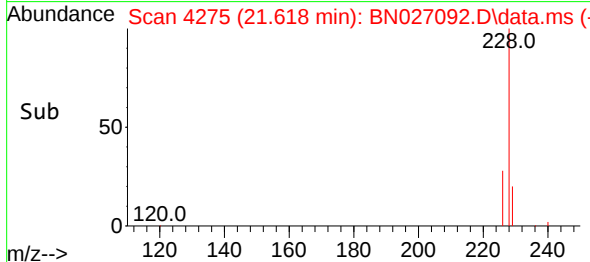
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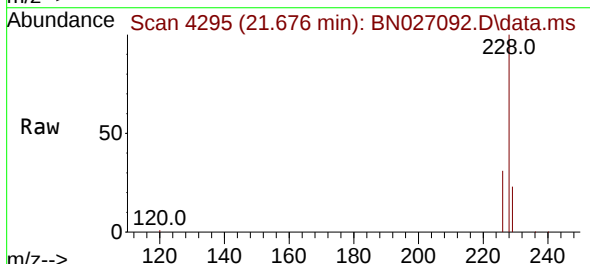
Tgt Ion:228 Resp: 279594
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 22.2 33.2

Manual Integrations
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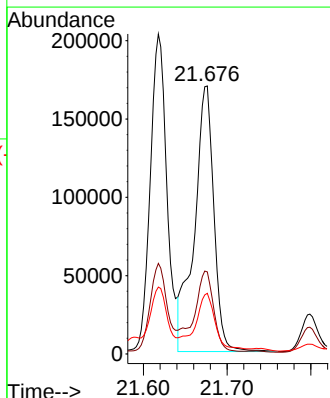
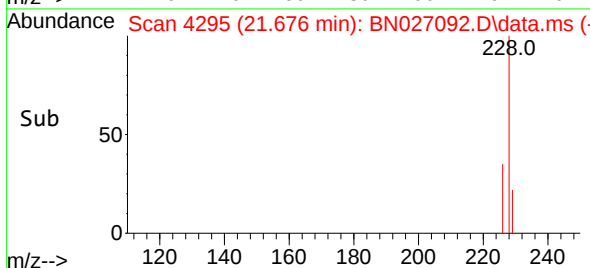
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023

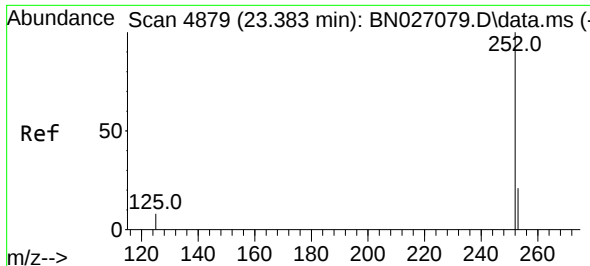


#22
Chrysene
Concen: 1.855 ng/u1
RT: 21.676 min Scan# 4295
Delta R.T. -0.000 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19



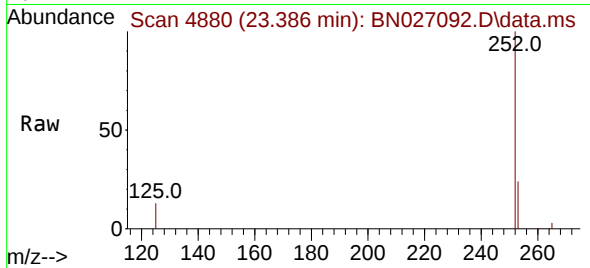
Tgt Ion:228 Resp: 275475
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 22.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.280 ng/ul m
RT: 23.386 min Scan# 4880
Delta R.T. -0.000 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

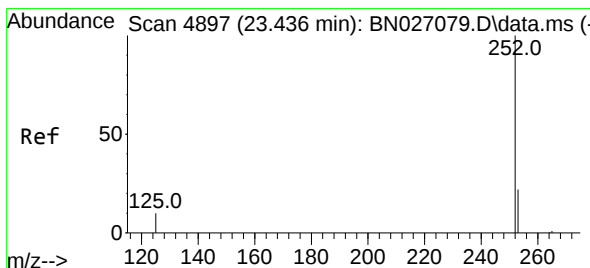
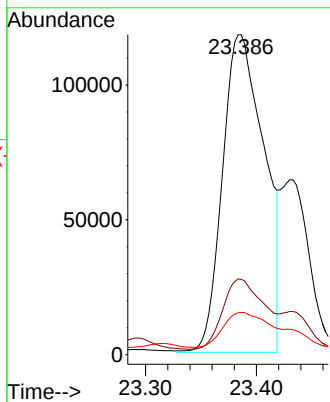
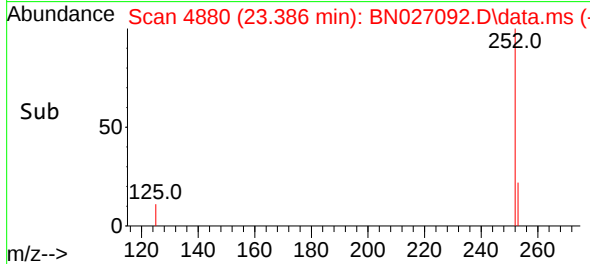
Instrument :
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ClientSampleId :
A48P9



Tgt Ion:252 Resp: 307840
Ion Ratio Lower Upper
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253 23.6 0.0 46.8
125 13.2 0.0 25.2

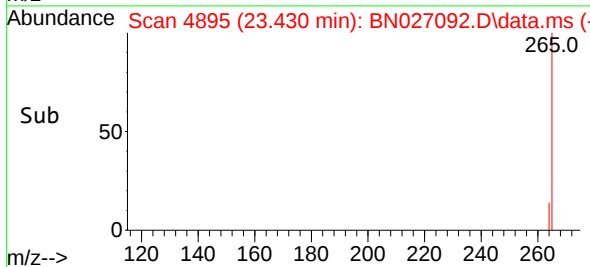
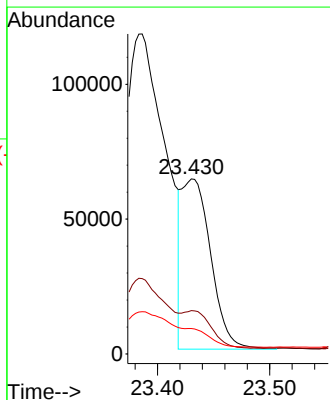
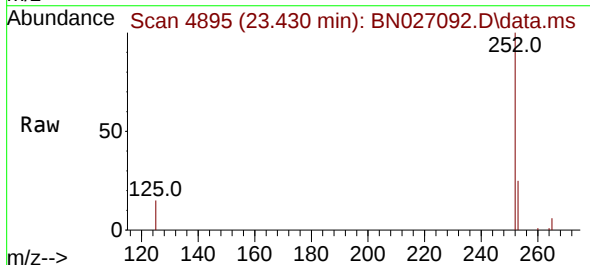
Manual Integrations
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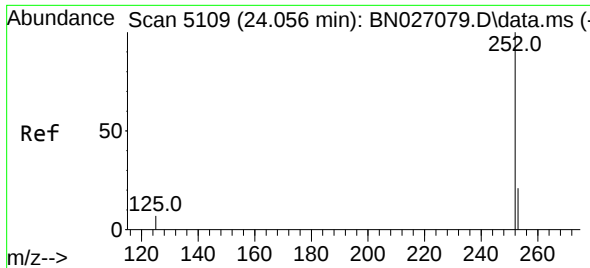
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.855 ng/ul m
RT: 23.430 min Scan# 4895
Delta R.T. -0.009 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

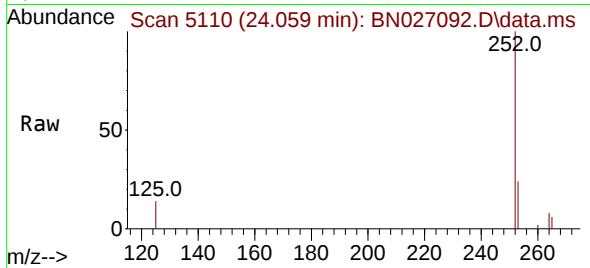
Tgt Ion:252 Resp: 113824
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.4
125 14.5 9.9 14.9





#26
Benzo(a)pyrene
Concen: 1.860 ng/ul
RT: 24.059 min Scan# 5109
Delta R.T. -0.003 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

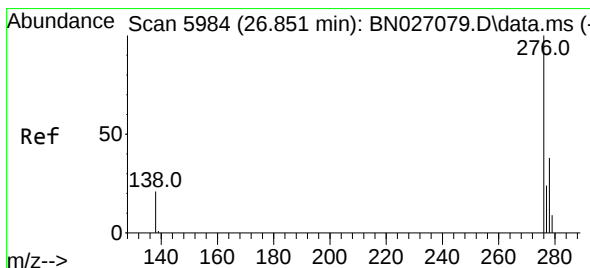
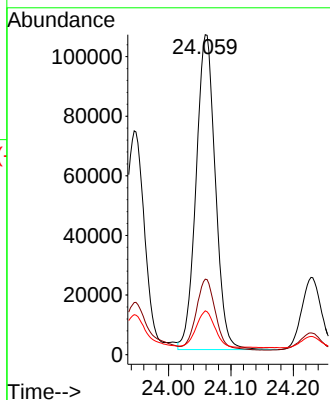
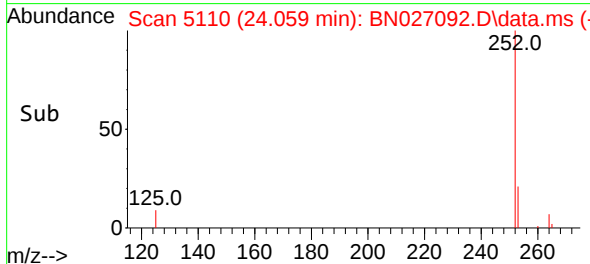
Instrument :
BNA_N
ClientSampleId :
A48P9



Tgt Ion:252 Resp: 226609
Ion Ratio Lower Upper
252 100
253 23.6 19.0 28.6
125 13.7 11.4 17.0

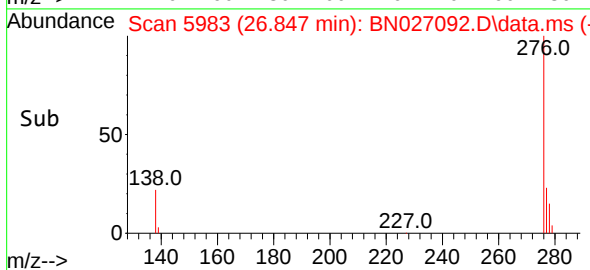
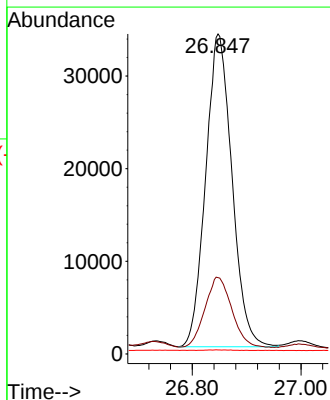
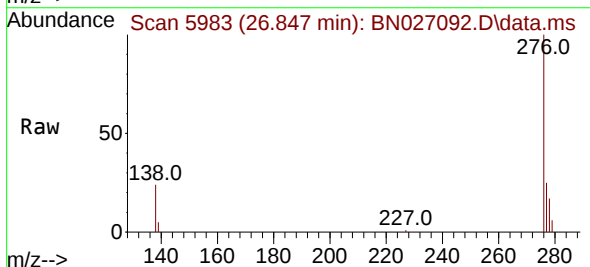
Manual Integrations
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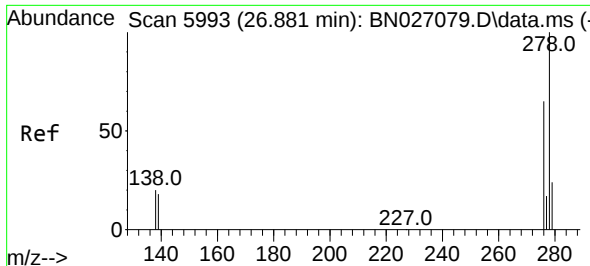
Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.711 ng/ul
RT: 26.847 min Scan# 5983
Delta R.T. -0.007 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

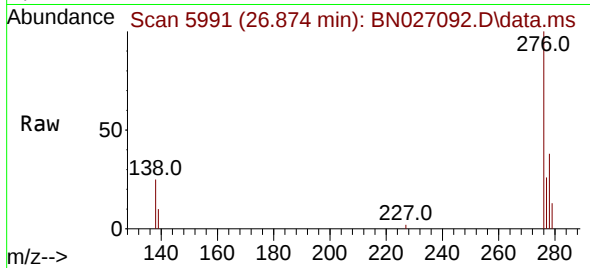
Tgt Ion:276 Resp: 113361
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.218 ng/ul
RT: 26.874 min Scan# 5993
Delta R.T. -0.010 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19

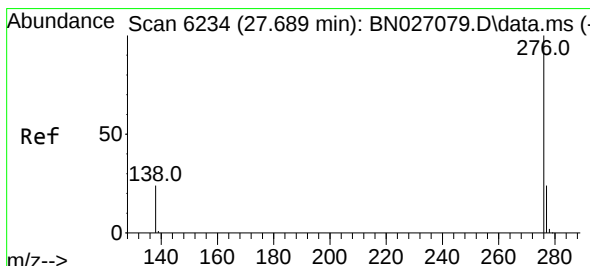
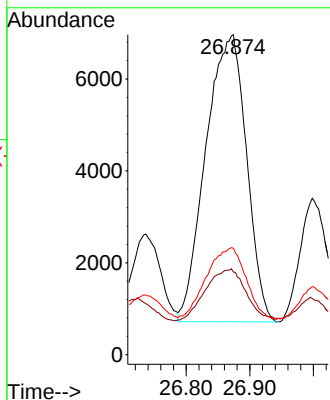
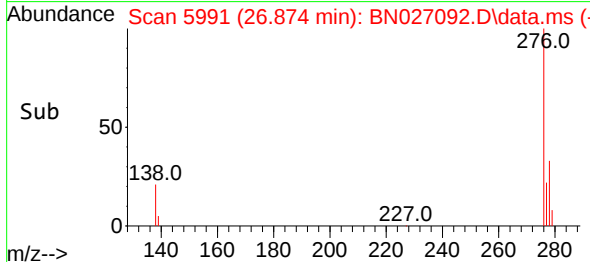
Instrument :
BNA_N
ClientSampleId :
A48P9



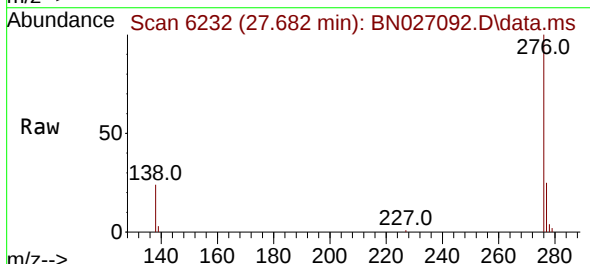
Tgt Ion:278 Resp: 27739
Ion Ratio Lower Upper
278 100
139 25.8 15.7 23.5
279 33.2 20.2 30.4

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Reviewed By :Yogesh Patel 08/25/2023
Supervised By :mohammad ahmed 08/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.813 ng/ul
RT: 27.682 min Scan# 6232
Delta R.T. -0.014 min
Lab File: BN027092.D
Acq: 24 Aug 2023 10:19



Tgt Ion:276 Resp: 107876
Ion Ratio Lower Upper
276 100
138 24.3 19.3 28.9
277 24.9 19.8 29.8

