

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028070.D
 Acq On : 06 Oct 2023 04:53
 Operator : MA/JU
 Sample : 04527-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYK5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2023
 Supervised By :mohammad ahmed 10/07/2023

Quant Time: Oct 06 05:20:17 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	6098	0.400	ng/ul	0.00
4) Naphthalene-d8	10.757	136	18979	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	10327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	20712	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	18691	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	19976	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	17812	2.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.341	152	4243	0.139	ng/ul	0.00
18) Fluoranthene-d10	19.367	212	8312	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	6057	0.112	ng/ul#	94
7) 2-Methylnaphthalene	12.412	142	5793	0.170	ng/ul	99
8) 1-Methylnaphthalene	12.632	142	2704	0.077	ng/ul	98
10) Acenaphthylene	14.314	152	10578	0.226	ng/ul	96
11) Acenaphthene	14.647	153	1581	0.042	ng/ul#	90
12) Fluorene	15.637	166	2237	0.054	ng/ul#	83
15) Phenanthrene	17.384	178	27911	0.452	ng/ul	95
16) Anthracene	17.477	178	16868	0.305	ng/ul#	91
19) Fluoranthene	19.399	202	44298	0.621	ng/ul	99
20) Pyrene	19.766	202	61819	0.836	ng/ul	99
21) Benzo(a)anthracene	21.510	228	35942	0.527	ng/ul#	62
22) Chrysene	21.565	228	95428m	1.385	ng/ul	
24) Benzo(b)fluoranthene	23.234	252	126485m	1.708	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	41310m	0.560	ng/ul	
26) Benzo(a)pyrene	23.889	252	71252	1.128	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.606	276	74268	0.972	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.603	278	22592	0.363	ng/ul#	1
29) Benzo(g,h,i)perylene	27.428	276	104768	1.677	ng/ul#	78

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

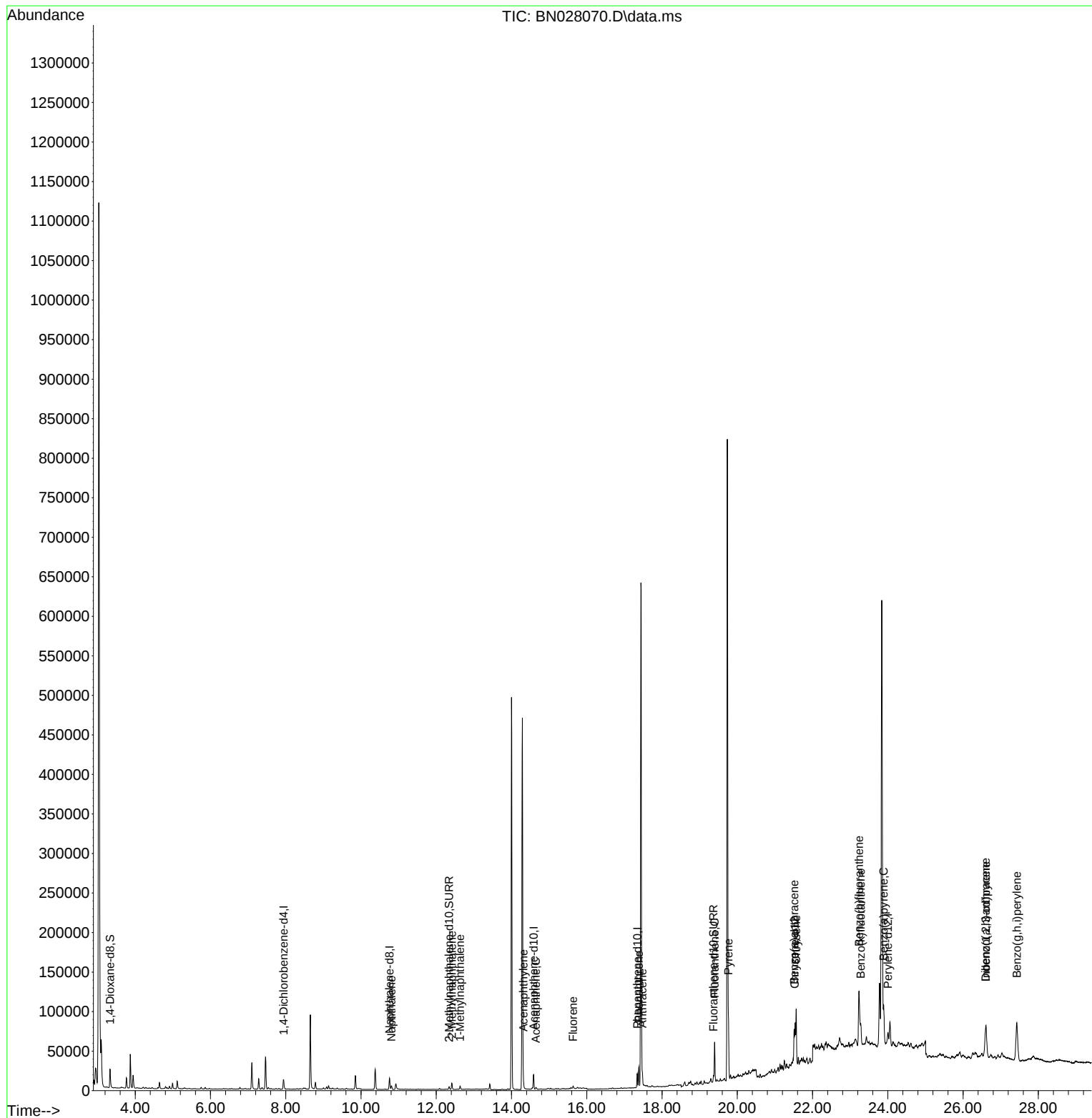
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
Data File : BN028070.D
Acq On : 06 Oct 2023 04:53
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ALS Vial : 23 Sample Multiplier: 1

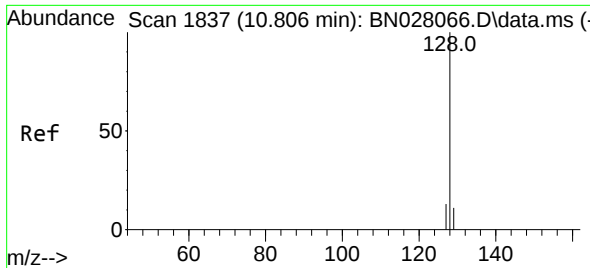
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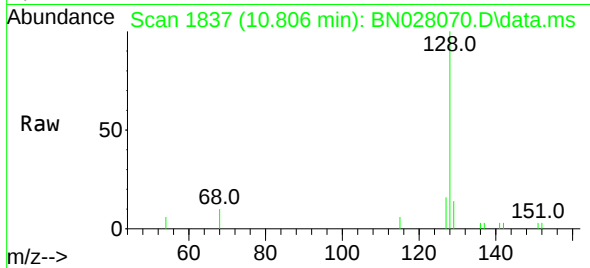
Quant Time: Oct 06 05:20:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 06 05:15:40 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.806 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

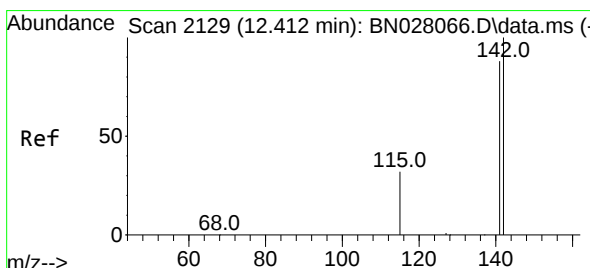
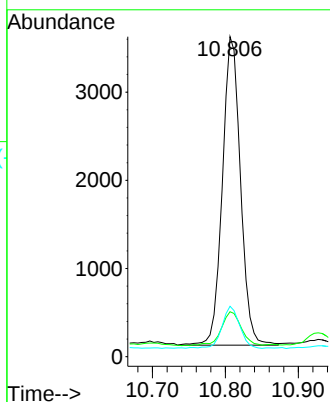
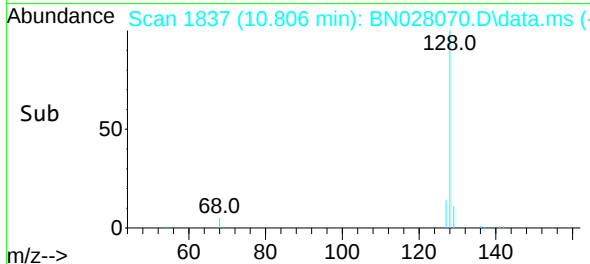
Instrument :
BNA_N
ClientSampleId :
EZYK5



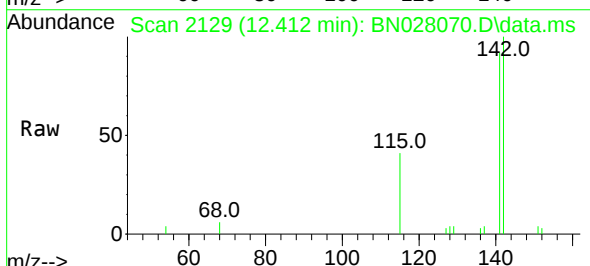
Tgt Ion:128 Resp: 605
Ion Ratio Lower Upper
128 100
129 14.1 9.4 14.0
127 15.8 11.0 16.4

Manual Integrations
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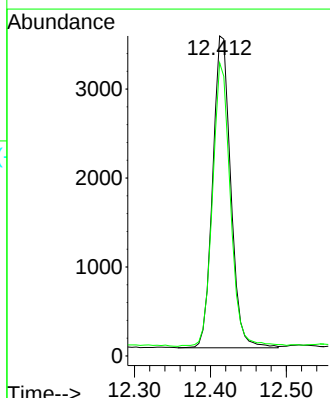
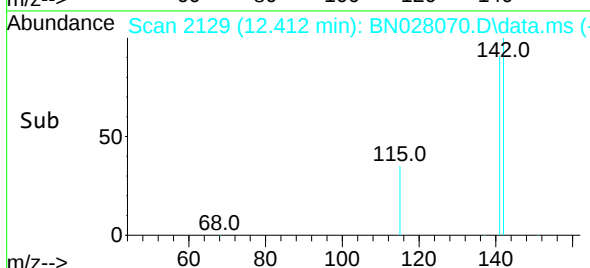
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

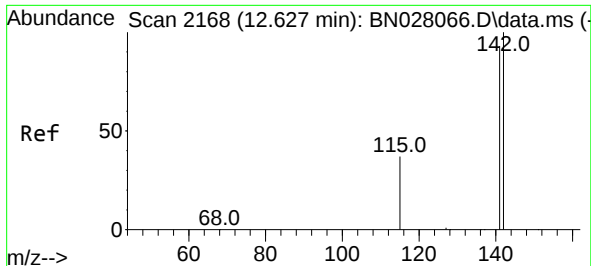


#7
2-Methylnaphthalene
Concen: 0.170 ng/ul
RT: 12.412 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53



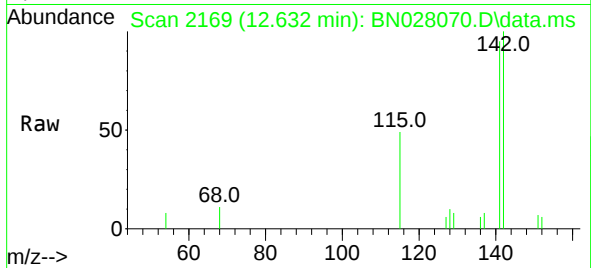
Tgt Ion:142 Resp: 5793
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3





#8
1-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.632 min Scan# 2169
Delta R.T. 0.005 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

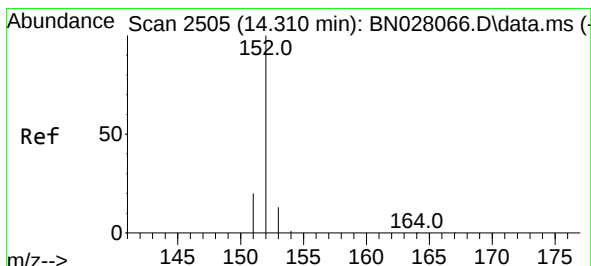
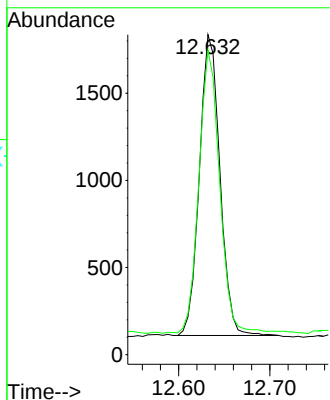
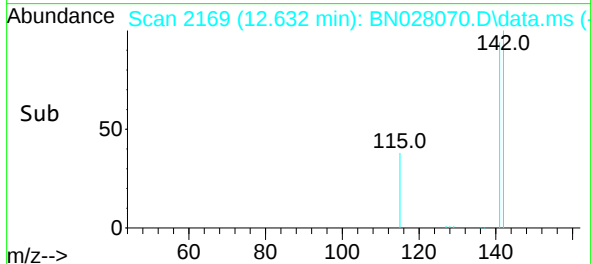
Instrument :
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Tgt Ion:142 Resp: 2704
Ion Ratio Lower Upper
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141 95.0 74.4 111.6

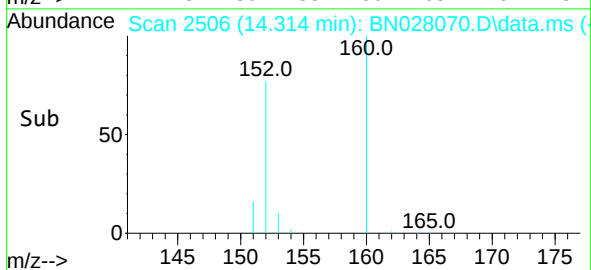
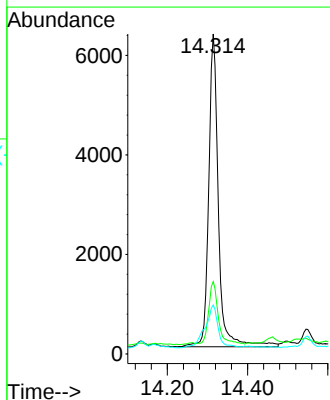
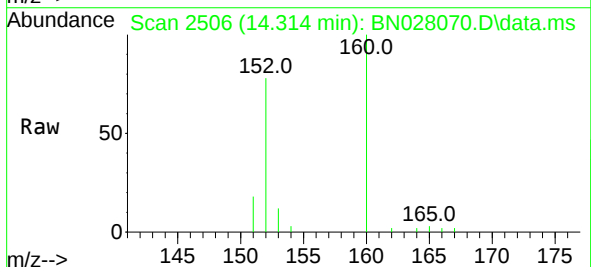
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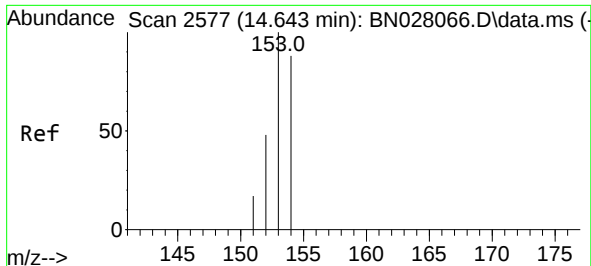
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#10
Acenaphthylene
Concen: 0.226 ng/ul
RT: 14.314 min Scan# 2506
Delta R.T. 0.005 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

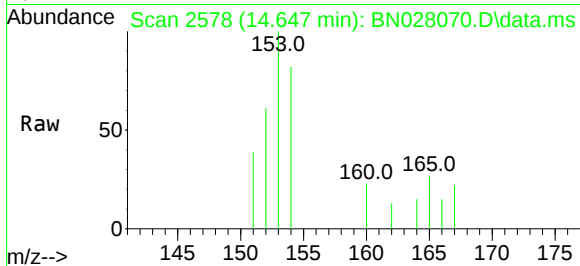
Tgt Ion:152 Resp: 10578
Ion Ratio Lower Upper
152 100
151 22.6 16.4 24.6
153 15.3 10.9 16.3





#11
Acenaphthene
Concen: 0.042 ng/u1
RT: 14.647 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

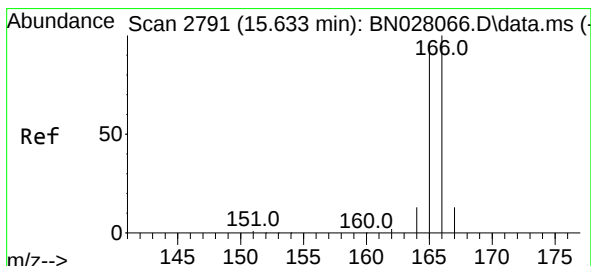
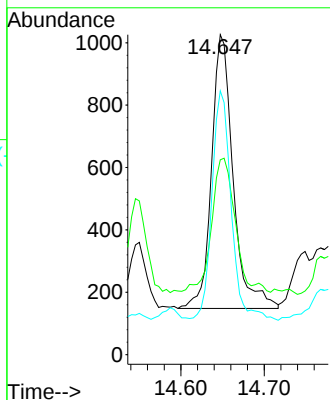
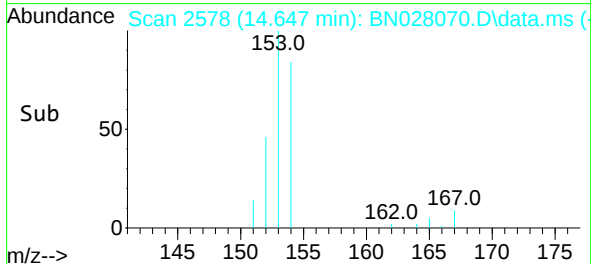
Instrument :
BNA_N
ClientSampleId :
EZYK5



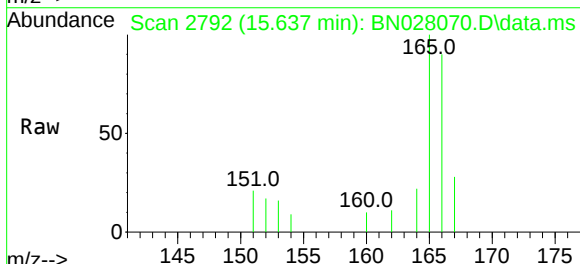
Tgt Ion:153 Resp: 158
Ion Ratio Lower Upper
153 100
152 60.9 39.4 59.0
154 82.5 70.2 105.4

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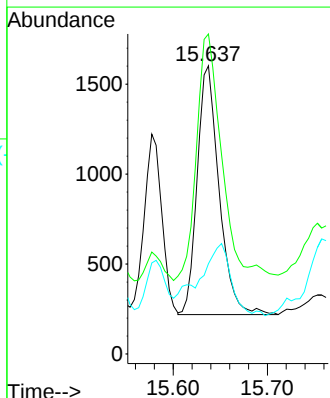
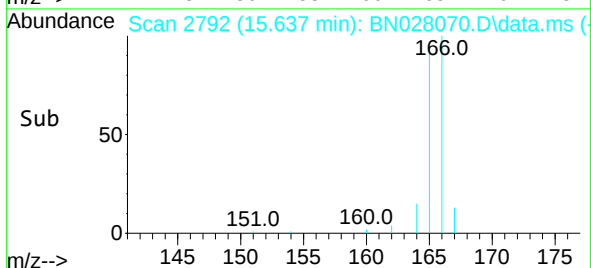
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

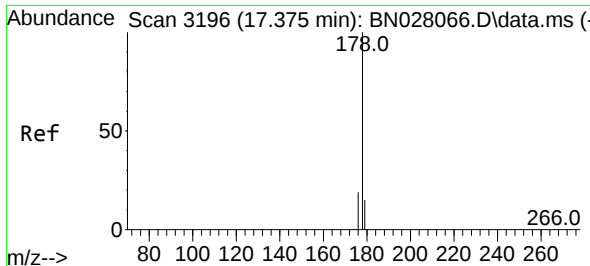


#12
Fluorene
Concen: 0.054 ng/u1
RT: 15.637 min Scan# 2792
Delta R.T. 0.005 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53



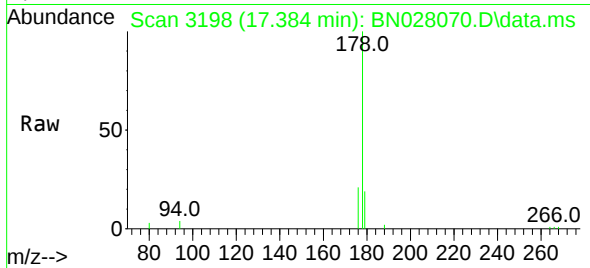
Tgt Ion:166 Resp: 2237
Ion Ratio Lower Upper
166 100
165 111.0 78.5 117.7
167 31.3 11.2 16.8#





#15
Phenanthrene
Concen: 0.452 ng/u1
RT: 17.384 min Scan# 3196
Delta R.T. 0.008 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

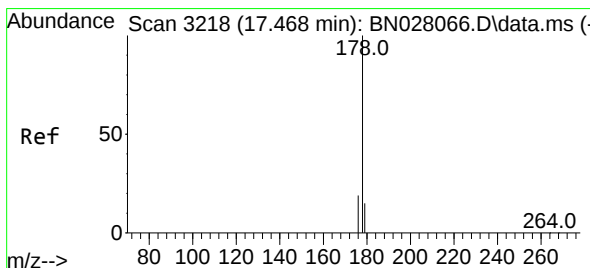
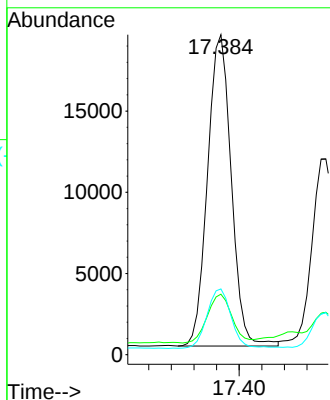
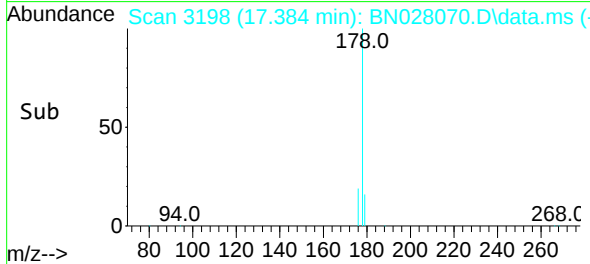
Instrument :
BNA_N
ClientSampleId :
EZYK5



Tgt Ion:178 Resp: 27911
Ion Ratio Lower Upper
178 100
179 18.9 12.6 19.0
176 20.5 15.5 23.3

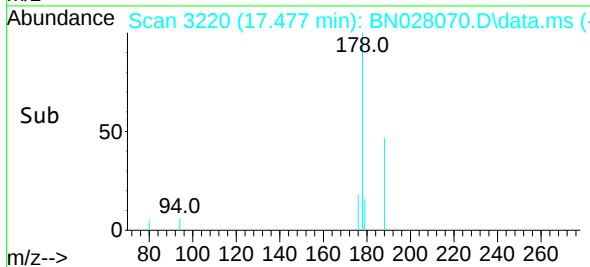
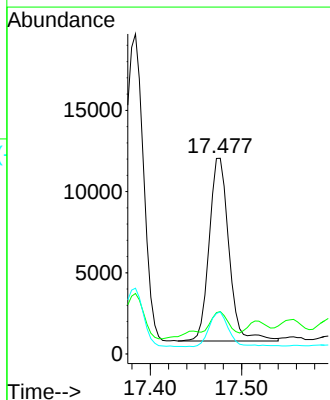
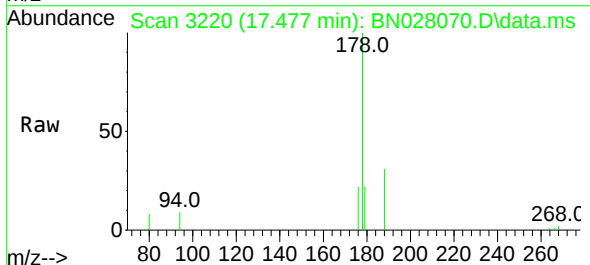
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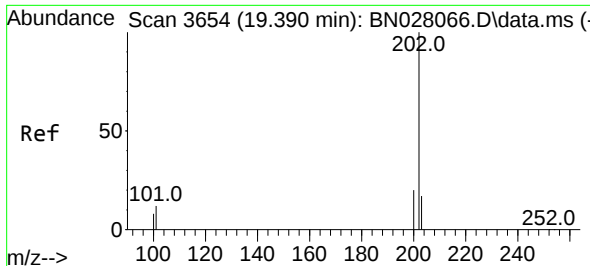
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#16
Anthracene
Concen: 0.305 ng/u1
RT: 17.477 min Scan# 3220
Delta R.T. 0.008 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

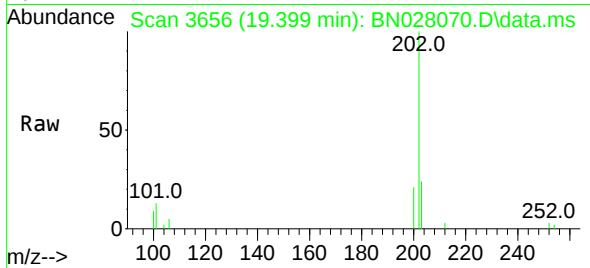
Tgt Ion:178 Resp: 16868
Ion Ratio Lower Upper
178 100
179 21.7 12.8 19.2#
176 21.5 15.0 22.6





#19
Fluoranthene
Concen: 0.621 ng/ul
RT: 19.399 min Scan# 30
Delta R.T. 0.009 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

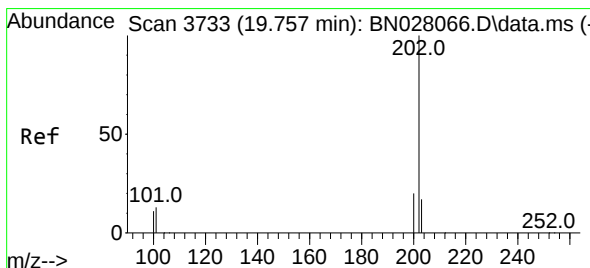
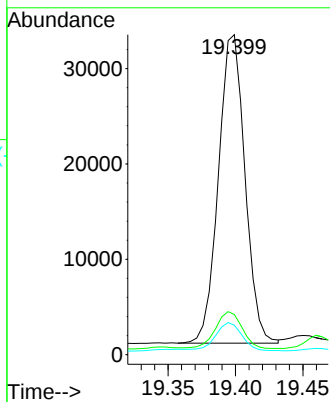
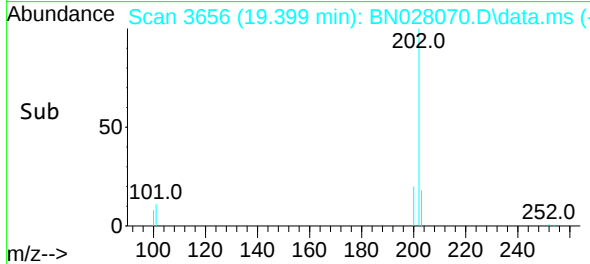
Instrument :
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EZYK5



Tgt Ion:202 Resp: 44298
Ion Ratio Lower Upper
202 100
101 12.5 9.6 14.4
100 9.2 7.4 11.0

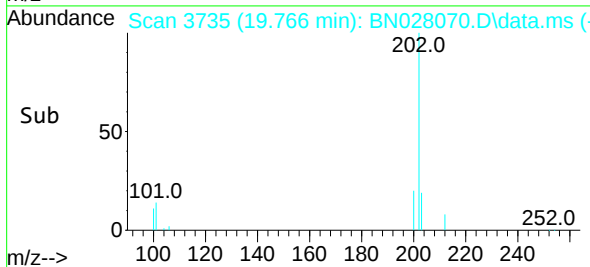
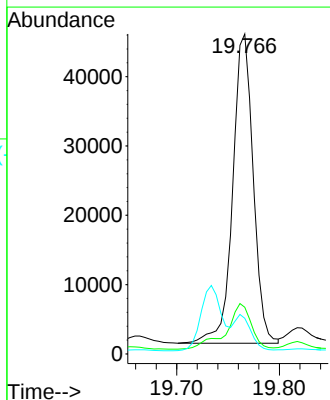
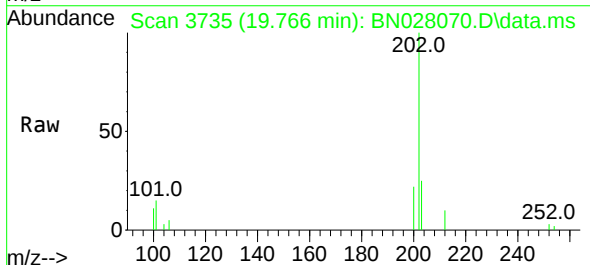
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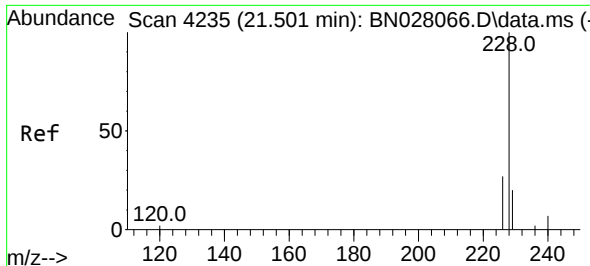
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#20
Pyrene
Concen: 0.836 ng/ul
RT: 19.766 min Scan# 3735
Delta R.T. 0.009 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

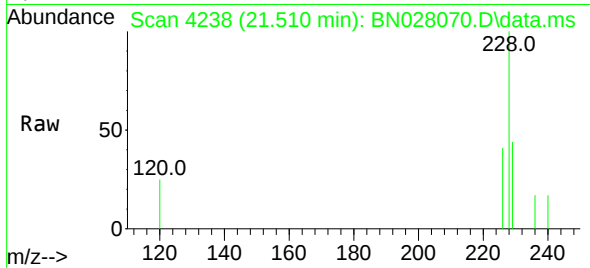
Tgt Ion:202 Resp: 61819
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.527 ng/ul
RT: 21.510 min Scan# 4235
Delta R.T. 0.009 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

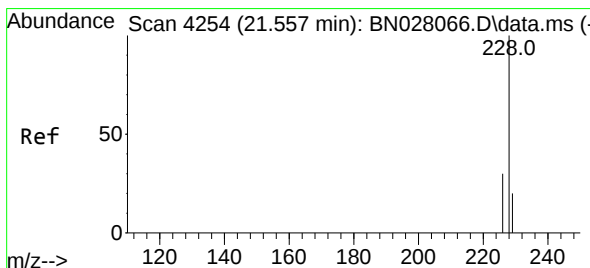
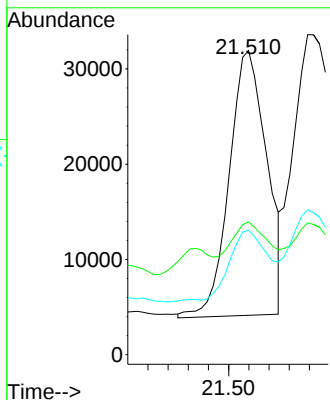
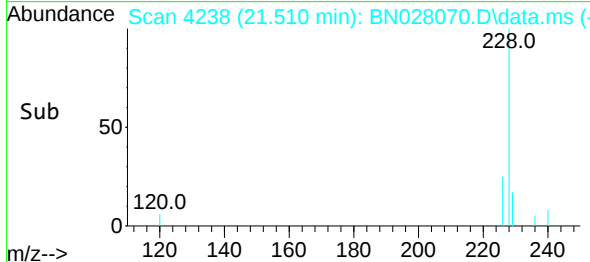
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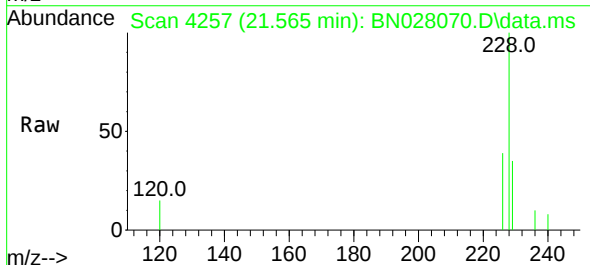
Tgt Ion:228 Resp: 35942
Ion Ratio Lower Upper
228 100
229 43.7 16.0 24.0#
226 40.9 21.5 32.3#

Manual Integrations
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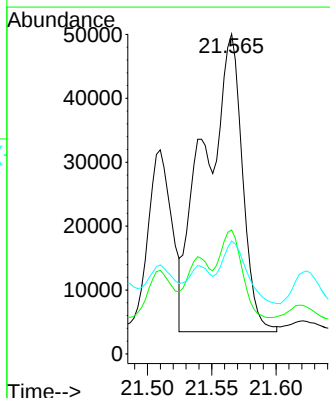
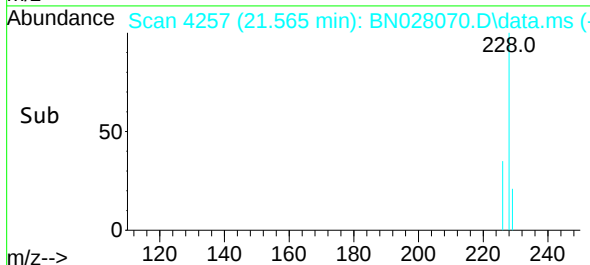
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023

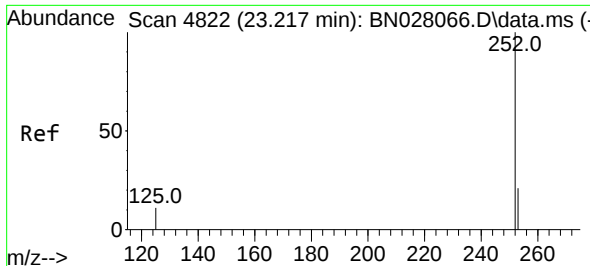


#22
Chrysene
Concen: 1.385 ng/ul m
RT: 21.565 min Scan# 4257
Delta R.T. 0.009 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53



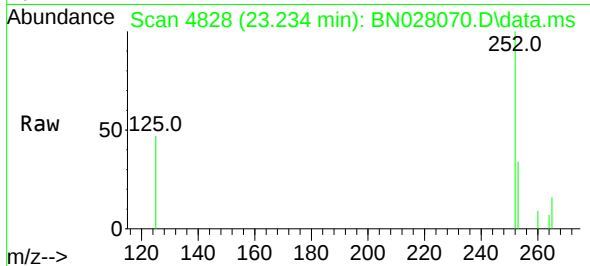
Tgt Ion:228 Resp: 95428
Ion Ratio Lower Upper
228 100
226 38.8 23.8 35.8#
229 35.3 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 1.708 ng/ul m
RT: 23.234 min Scan# 4828
Delta R.T. 0.018 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

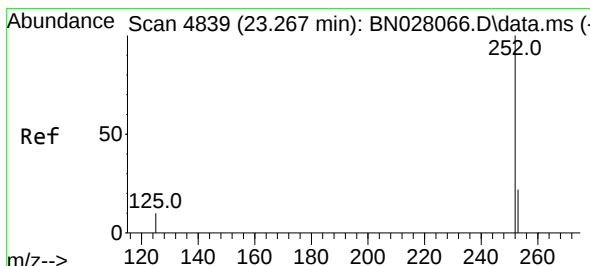
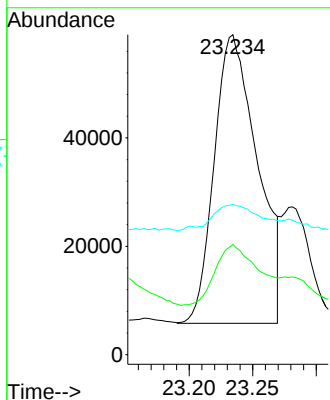
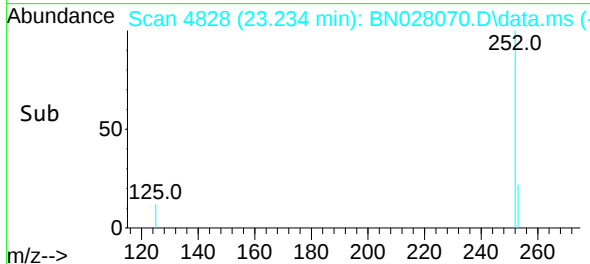
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 126485
Ion Ratio Lower Upper
252 100
253 34.4 0.0 54.0
125 47.1 0.0 31.4

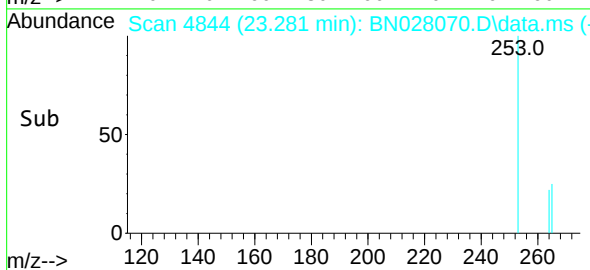
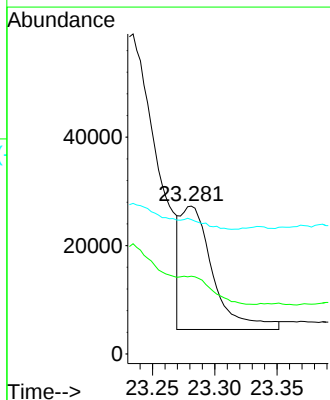
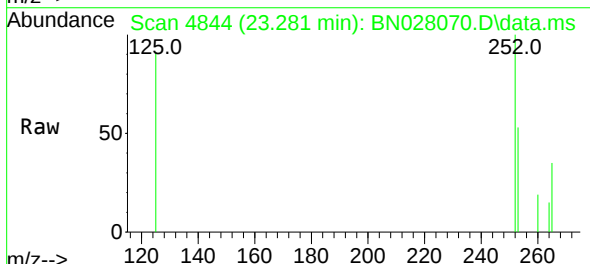
Manual Integrations
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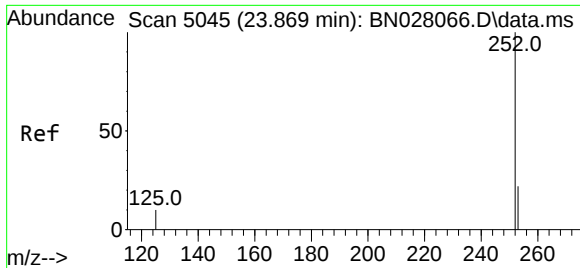
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#25
Benzo(k)fluoranthene
Concen: 0.560 ng/ul m
RT: 23.281 min Scan# 4844
Delta R.T. 0.015 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

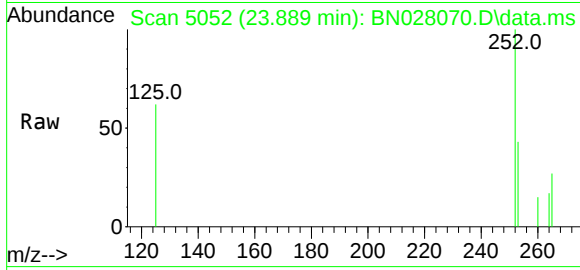
Tgt Ion:252 Resp: 41310
Ion Ratio Lower Upper
252 100
253 52.6 21.8 32.8#
125 90.9 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 1.128 ng/ul
RT: 23.889 min Scan# 5045
Delta R.T. 0.020 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

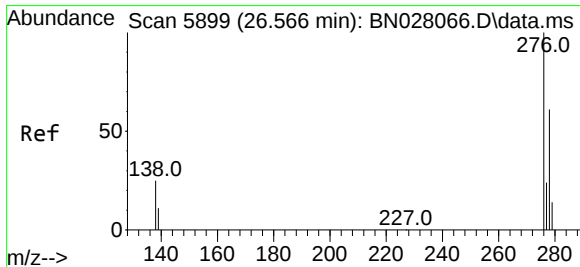
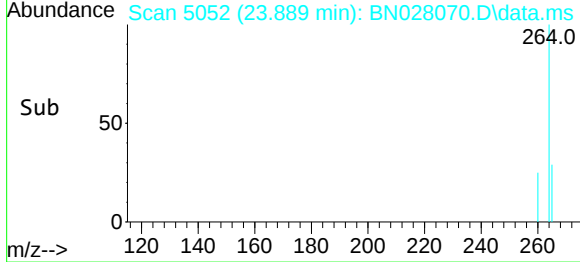
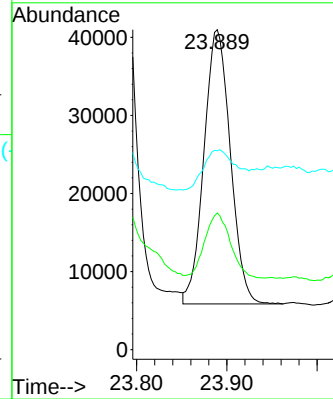
Instrument :
BNA_N
ClientSampleId :
EZYK5



Tgt Ion:	252	Resp:	7125
Ion Ratio	Lower	Upper	
252	100		
253	42.7	23.4	35.2
125	62.1	15.3	22.9

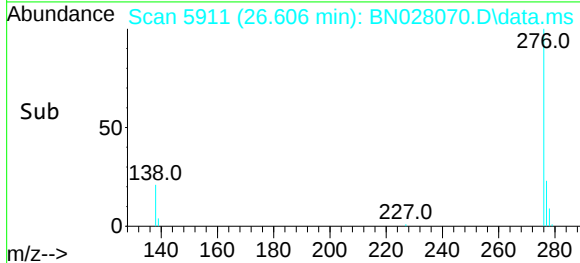
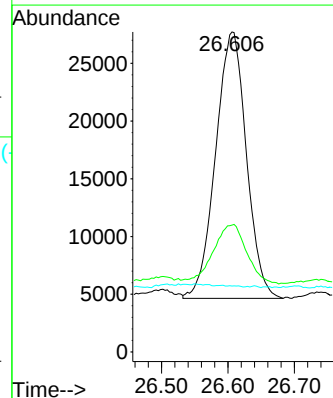
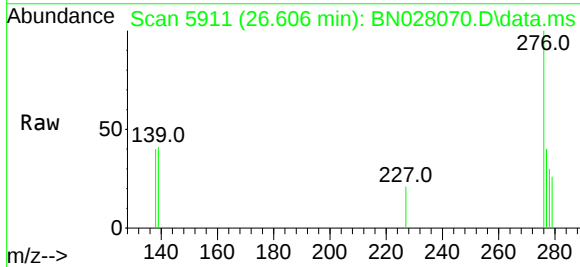
Manual Integrations
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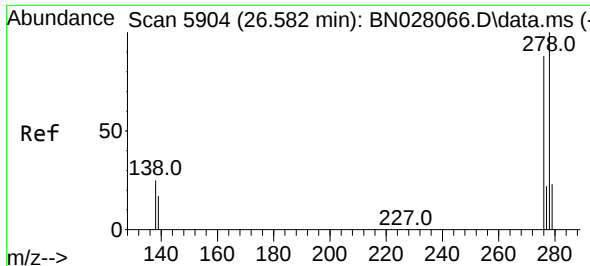
Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.972 ng/ul
RT: 26.606 min Scan# 5911
Delta R.T. 0.040 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

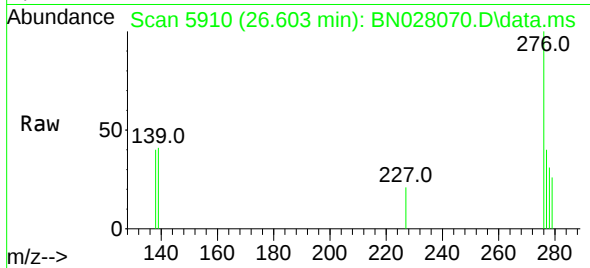
Tgt Ion:	276	Resp:	74268
Ion Ratio	Lower	Upper	
276	100		
138	24.3	21.6	32.4
227	0.0	0.2	0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.363 ng/ul
RT: 26.603 min Scan# 5910
Delta R.T. 0.020 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53

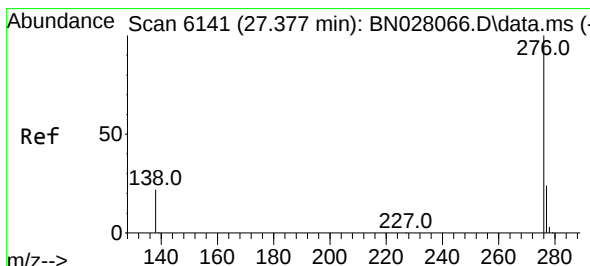
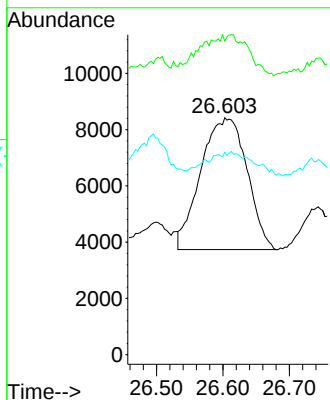
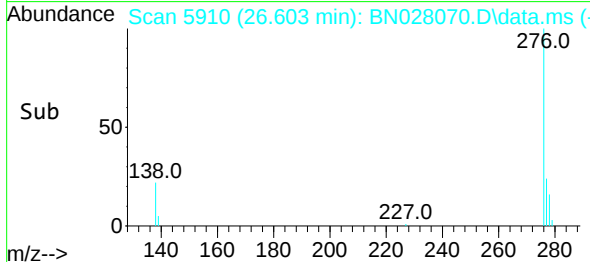
Instrument :
BNA_N
ClientSampleId :
EZYK5



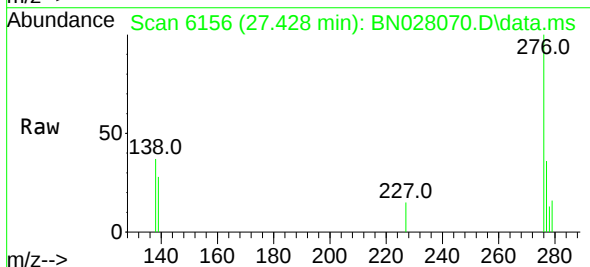
Tgt Ion:278 Resp: 22592
Ion Ratio Lower Upper
278 100
139 132.4 15.9 23.9#
279 85.4 22.8 34.2#

Manual Integrations
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Reviewed By :Yogesh Patel 10/06/2023
Supervised By :mohammad ahmed 10/07/2023



#29
Benzo(g,h,i)perylene
Concen: 1.677 ng/ul
RT: 27.428 min Scan# 6156
Delta R.T. 0.050 min
Lab File: BN028070.D
Acq: 06 Oct 2023 04:53



Tgt Ion:276 Resp: 104768
Ion Ratio Lower Upper
276 100
138 36.6 19.8 29.6#
277 35.6 20.6 31.0#

