

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027017.D
 Acq On : 22 Aug 2023 07:18
 Operator : MA/JU
 Sample : 03968-02MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48H4MS

Quant Time: Aug 22 07:52:25 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	27251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15861	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	35940	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	28032	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	27076	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5118	0.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	15707	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	37915	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.477	88	11604	1.107	ng/ul	98
5) Naphthalene	10.977	128	33351	0.433	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	19199	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	19244	0.394	ng/ul	100
10) Acenaphthylene	14.458	152	47456	0.534	ng/ul	100
11) Acenaphthene	14.791	153	25052	0.407	ng/ul	99
12) Fluorene	15.772	166	29752	0.428	ng/ul	99
14) Pentachlorophenol	17.097	266	5115	0.503	ng/ul	100
15) Phenanthrene	17.515	178	329936	2.794	ng/ul	99
16) Anthracene	17.608	178	77747	0.729	ng/ul	100
19) Fluoranthene	19.520	202	896234	7.697	ng/ul	98
20) Pyrene	19.882	202	796488	6.411	ng/ul	100
21) Benzo(a)anthracene	21.627	228	368914	3.309	ng/ul	99
22) Chrysene	21.685	228	456756	4.151	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	563804m	5.505	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	234061m	2.317	ng/ul	
26) Benzo(a)pyrene	24.073	252	338904	3.667	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.875	276	257942	2.134	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.901	278	73195	0.760	ng/ul	94
29) Benzo(g,h,i)perylene	27.720	276	241206	2.396	ng/ul	99

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

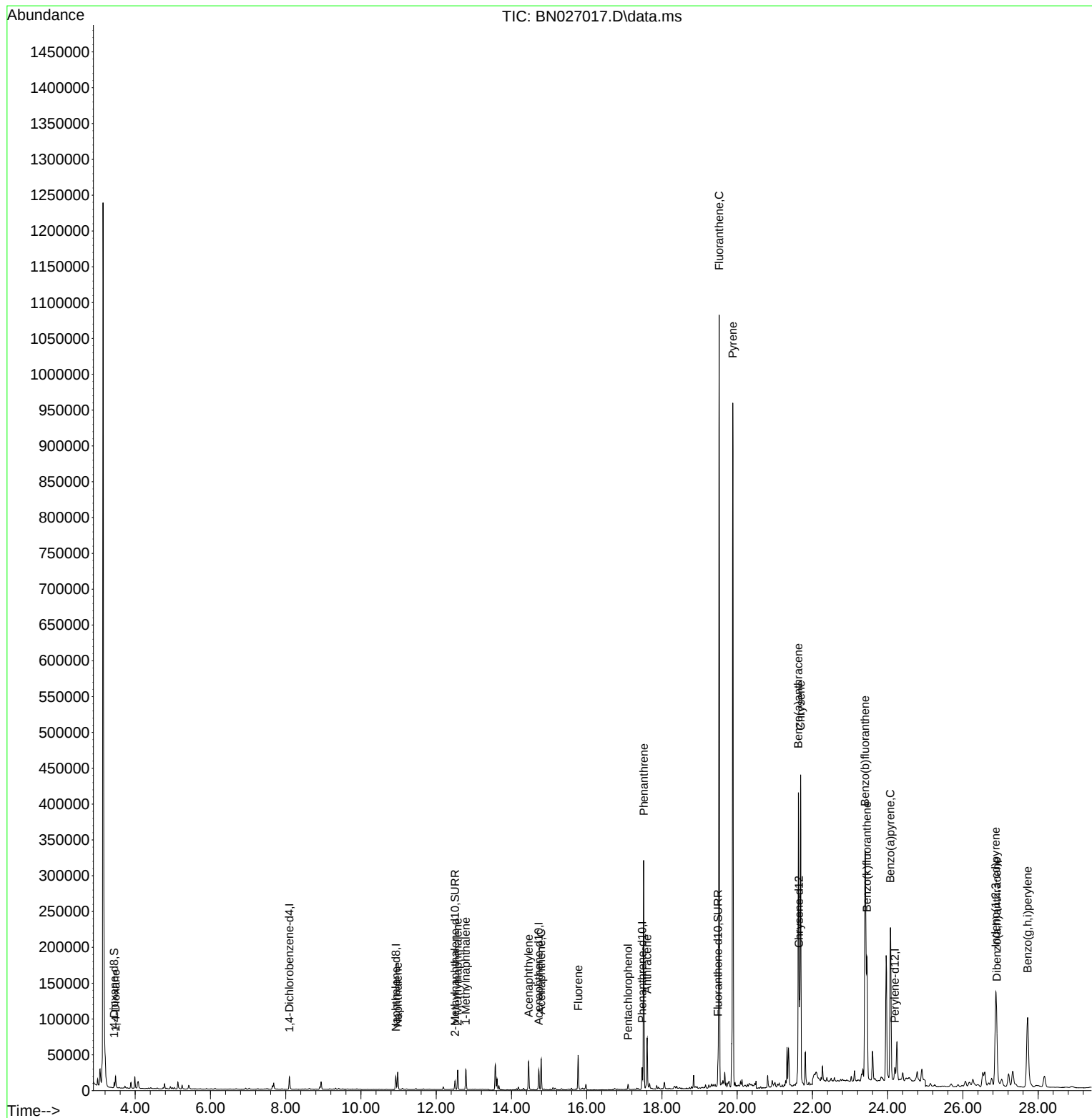
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027017.D
Acq On : 22 Aug 2023 07:18
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ALS Vial : 35 Sample Multiplier: 1

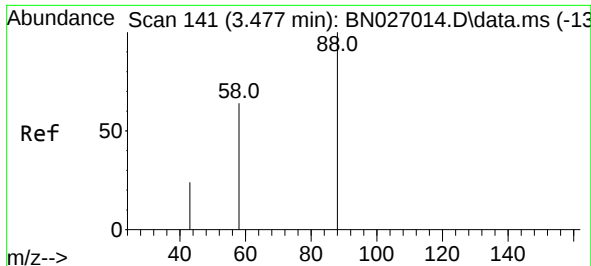
Instrument :
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A48H4MS

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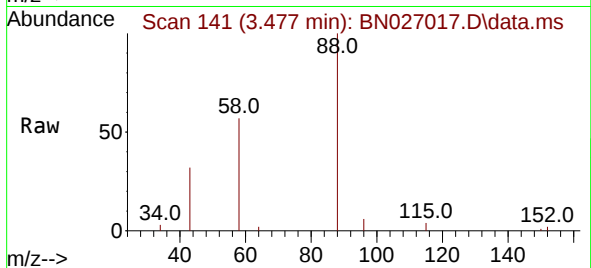
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023





#2
1,4-Dioxane
Concen: 1.107 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

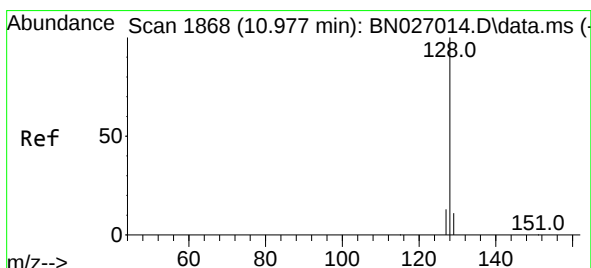
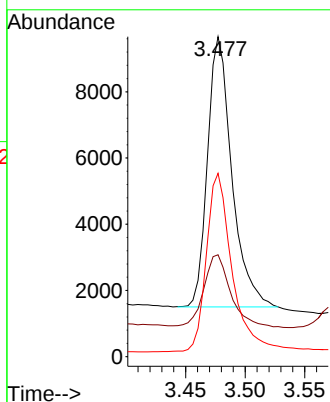
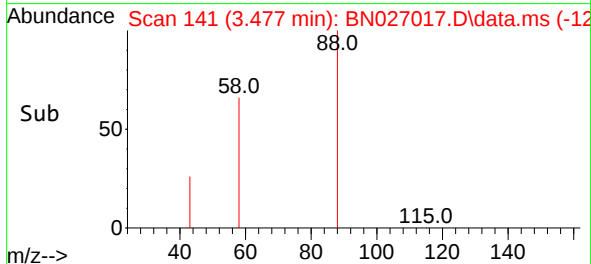
Instrument :
BNA_N
ClientSampleId :
A48H4MS



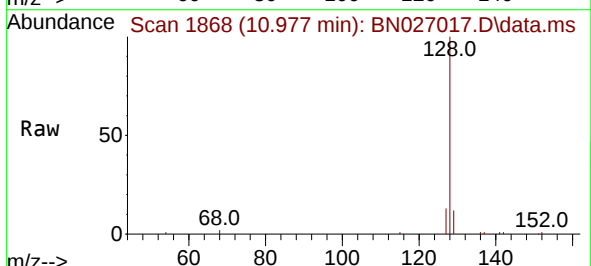
Tgt Ion: 88 Resp: 11604
Ion Ratio Lower Upper
88 100
43 31.9 28.0 42.0
58 57.3 46.0 69.0

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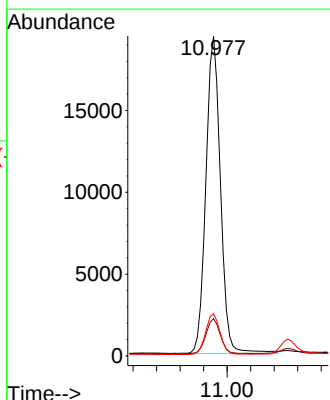
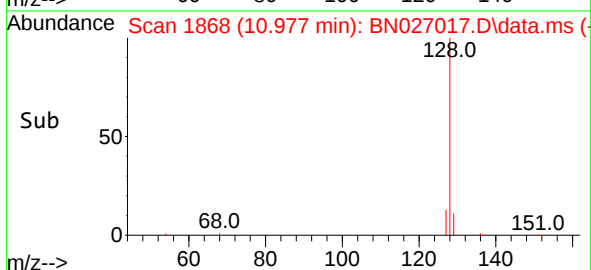
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

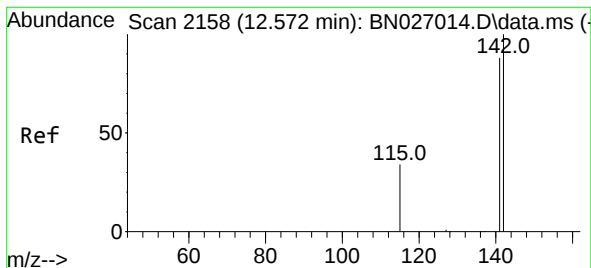


#5
Naphthalene
Concen: 0.433 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18



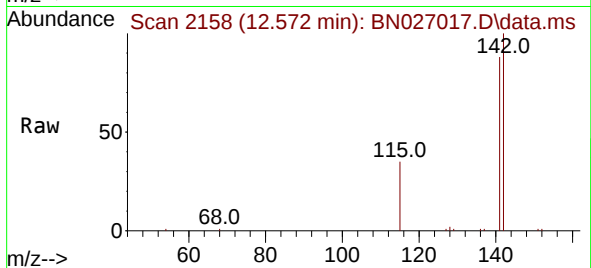
Tgt Ion:128 Resp: 33351
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.5 15.7





#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

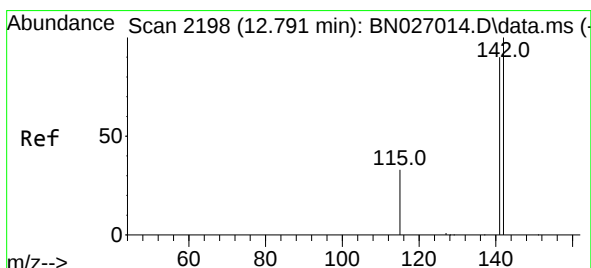
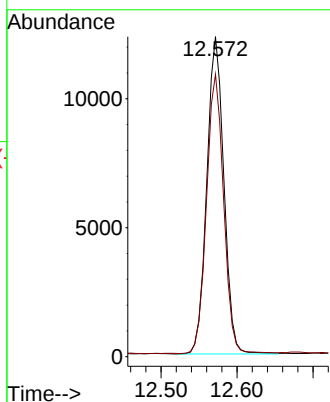
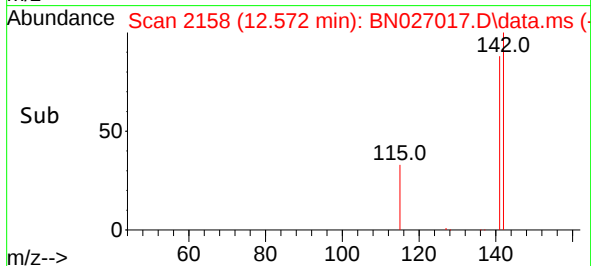
Instrument :
BNA_N
ClientSampleId :
A48H4MS



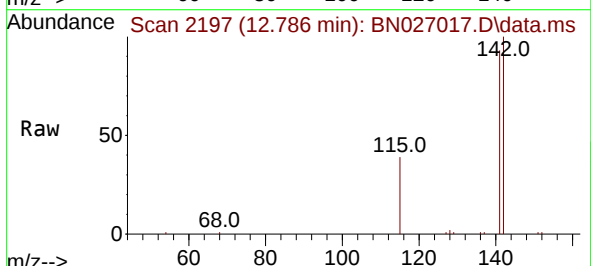
Tgt Ion:142 Resp: 1919
Ion Ratio Lower Upper
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141 88.3 70.9 106.3

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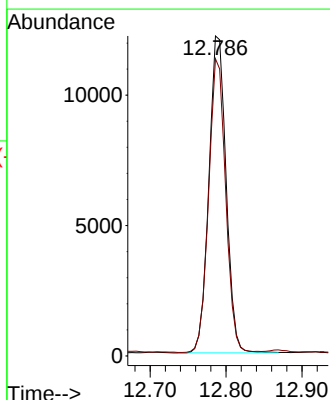
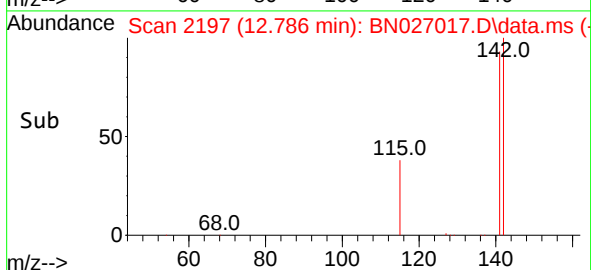
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

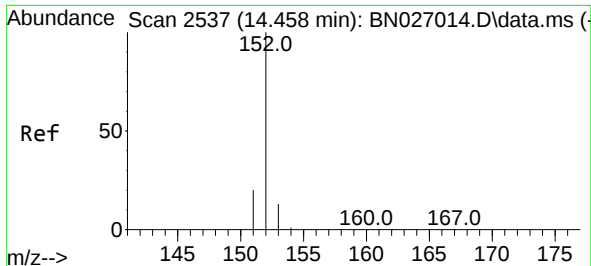


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.786 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18



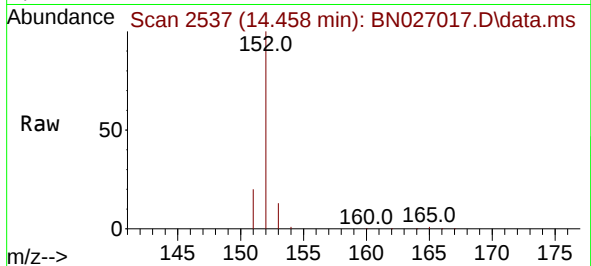
Tgt Ion:142 Resp: 19244
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8





#10
Acenaphthylene
Concen: 0.534 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

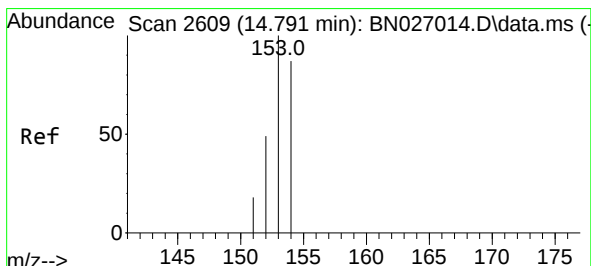
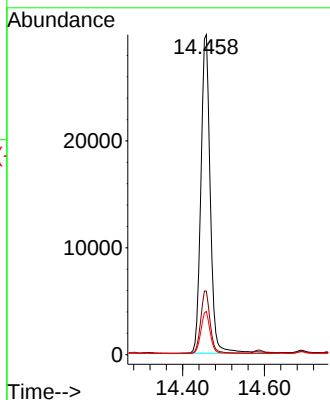
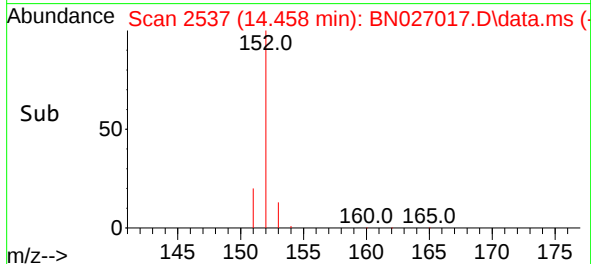
Instrument :
BNA_N
ClientSampleId :
A48H4MS



Tgt Ion:152 Resp: 47450
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.5 11.0 16.6

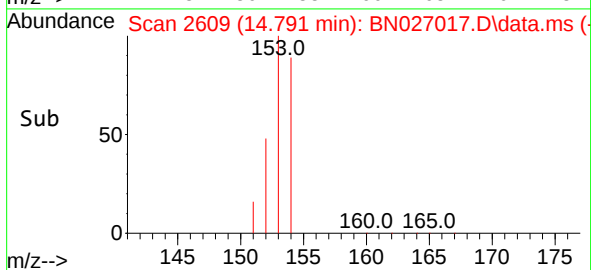
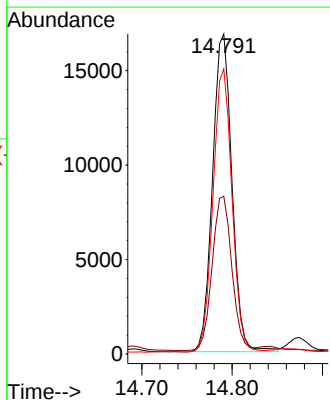
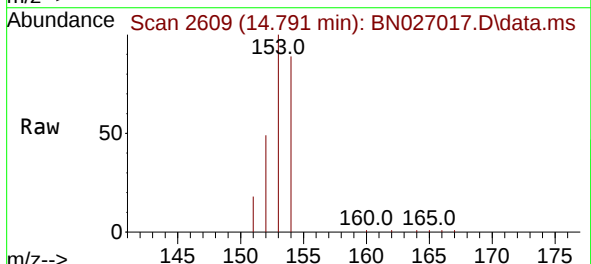
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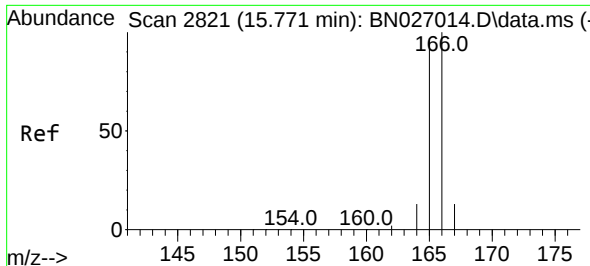
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

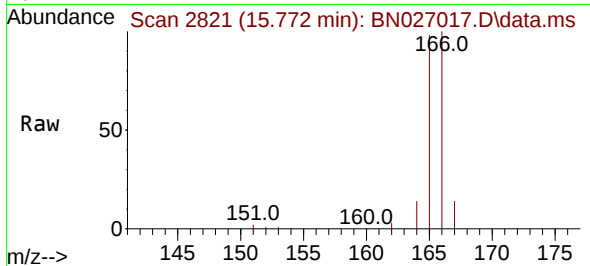
Tgt Ion:153 Resp: 25052
Ion Ratio Lower Upper
153 100
152 49.3 41.1 61.7
154 89.1 71.6 107.4





#12
Fluorene
Concen: 0.428 ng/ul
RT: 15.772 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

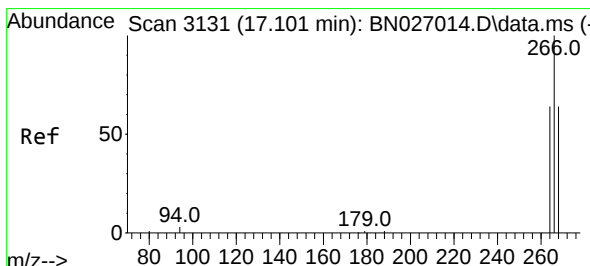
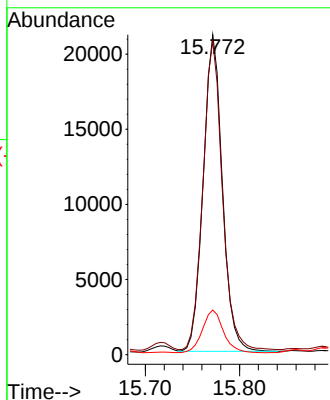
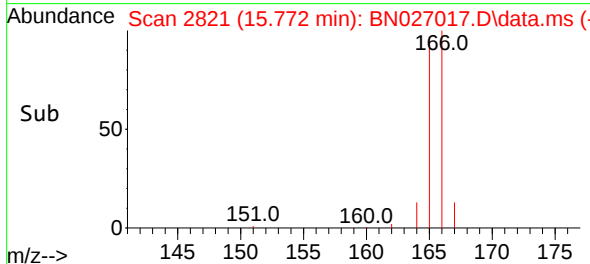
Instrument :
BNA_N
ClientSampleId :
A48H4MS



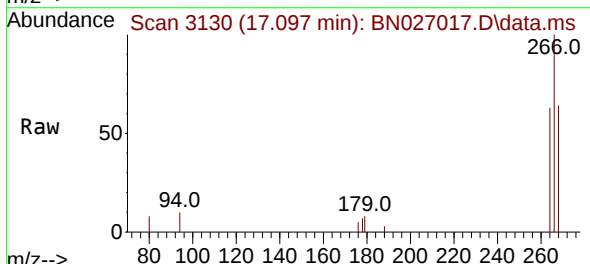
Tgt Ion:166 Resp: 2975
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 14.0 11.4 17.0

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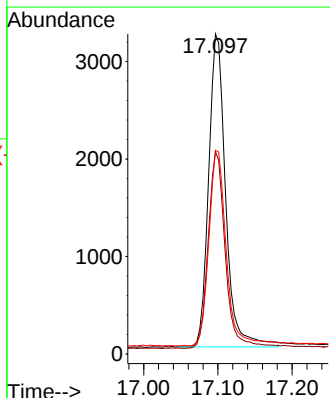
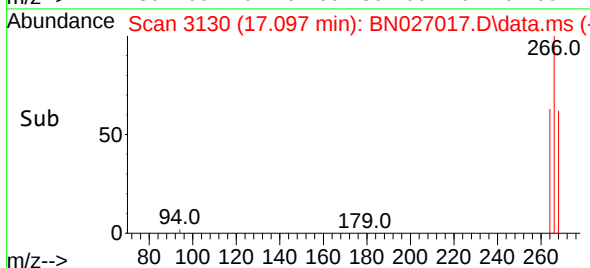
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

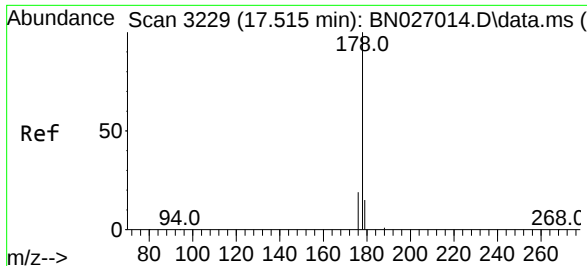


#14
Pentachlorophenol
Concen: 0.503 ng/ul
RT: 17.097 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18



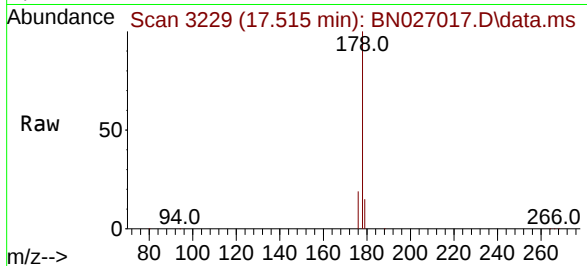
Tgt Ion:266 Resp: 5115
Ion Ratio Lower Upper
266 100
264 63.3 50.4 75.6
268 64.2 51.2 76.8





#15
Phenanthrene
Concen: 2.794 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

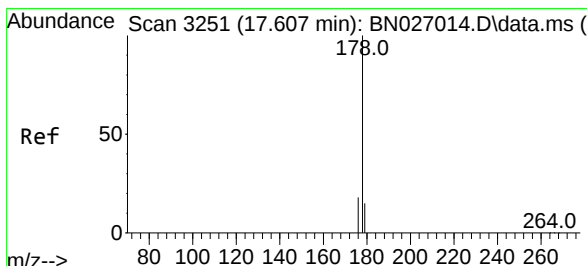
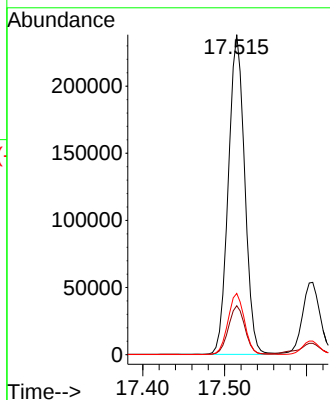
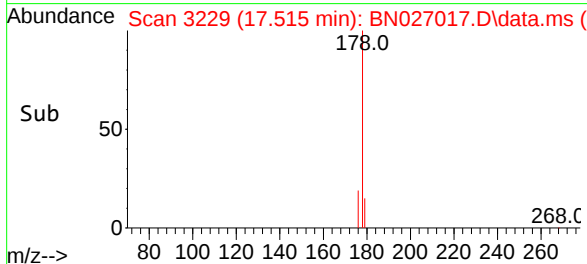
Instrument :
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ClientSampleId :
A48H4MS



Tgt Ion:178 Resp: 329930
Ion Ratio Lower Upper
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179 15.3 12.6 18.8
176 19.1 15.4 23.2

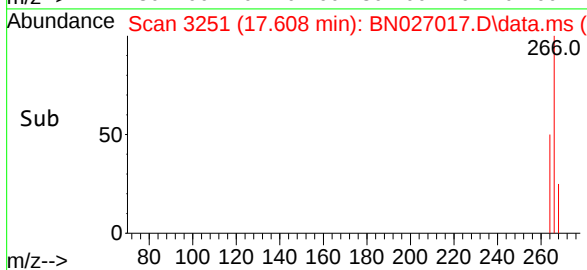
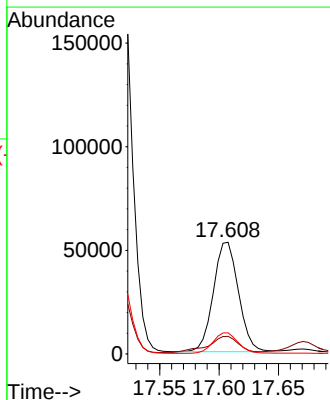
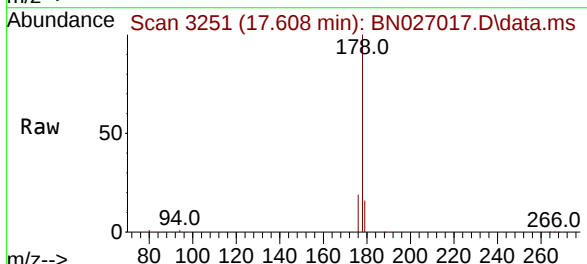
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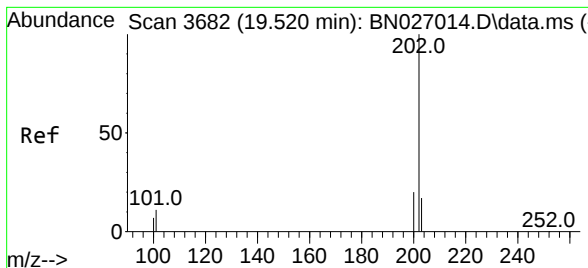
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#16
Anthracene
Concen: 0.729 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

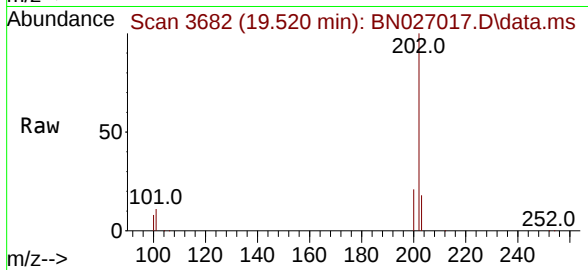
Tgt Ion:178 Resp: 77747
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 7.697 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

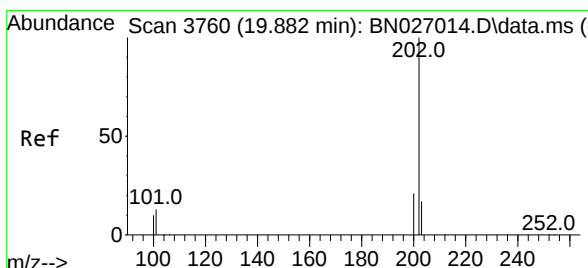
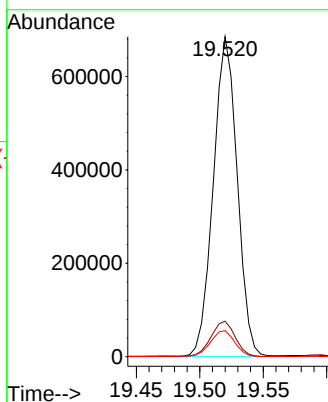
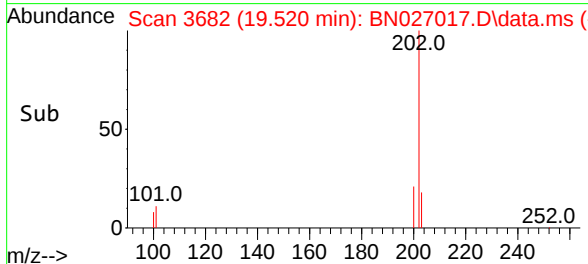
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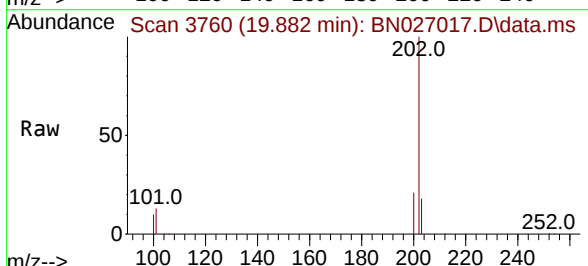
Tgt Ion:202 Resp: 896234
Ion Ratio Lower Upper
202 100
101 11.1 8.3 12.5
100 8.2 6.2 9.2

Manual Integrations
APPROVED

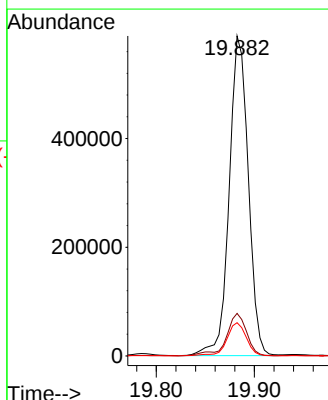
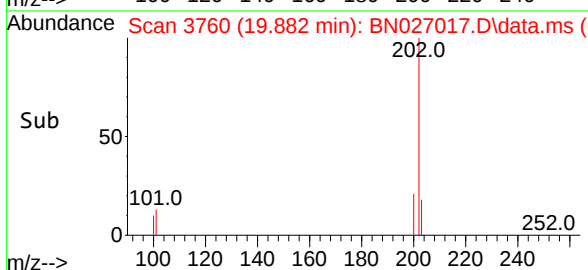
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

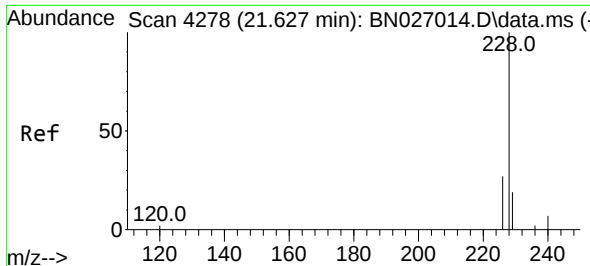


#20
Pyrene
Concen: 6.411 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18



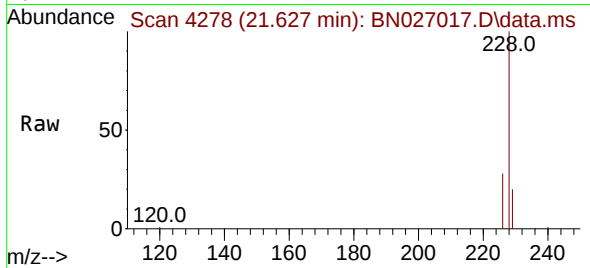
Tgt Ion:202 Resp: 796488
Ion Ratio Lower Upper
202 100
101 13.3 10.7 16.1
100 10.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 3.309 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

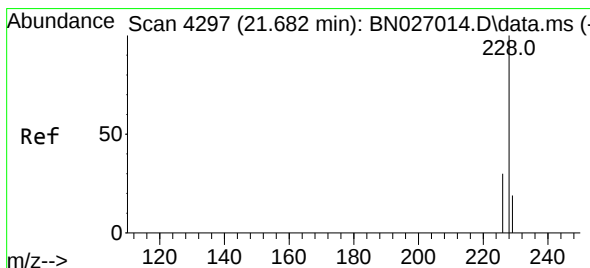
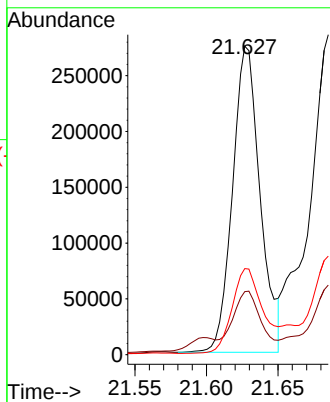
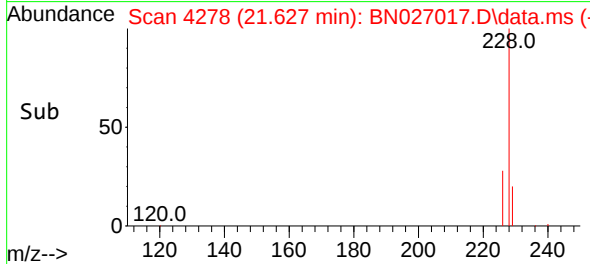
Instrument :
BNA_N
ClientSampleId :
A48H4MS



Tgt Ion:228 Resp: 368914
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.9 22.2 33.2

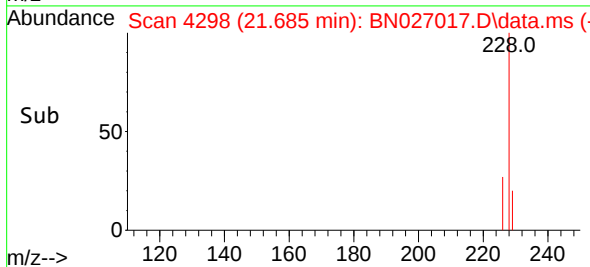
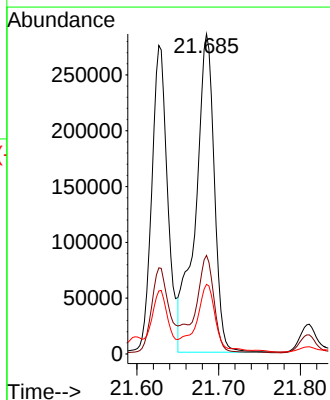
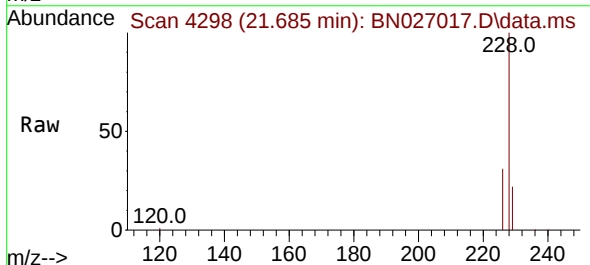
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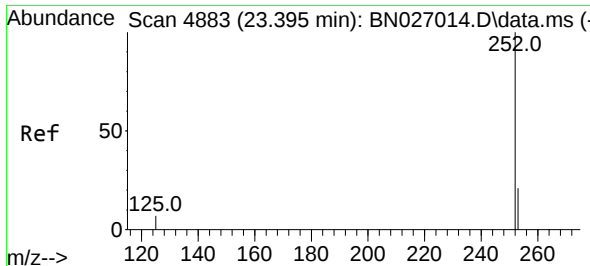
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#22
Chrysene
Concen: 4.151 ng/ul
RT: 21.685 min Scan# 4298
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

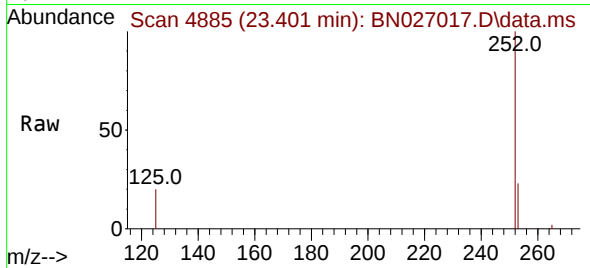
Tgt Ion:228 Resp: 456756
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.505 ng/ul m
RT: 23.401 min Scan# 4885
Delta R.T. -0.006 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

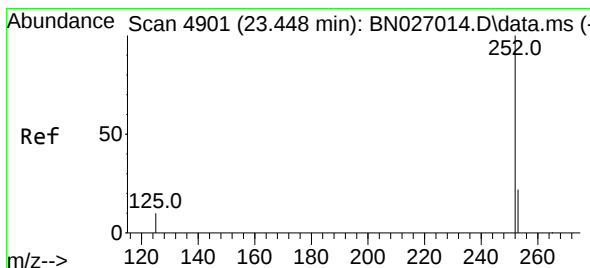
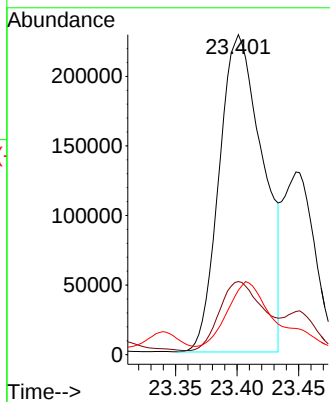
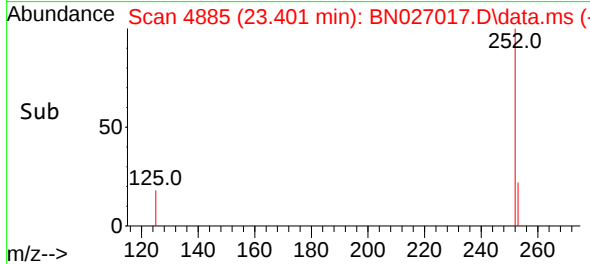
Instrument :
BNA_N
ClientSampleId :
A48H4MS



Tgt Ion:252 Resp: 563804
Ion Ratio Lower Upper
252 100
253 22.9 0.0 46.8
125 20.1 0.0 25.2

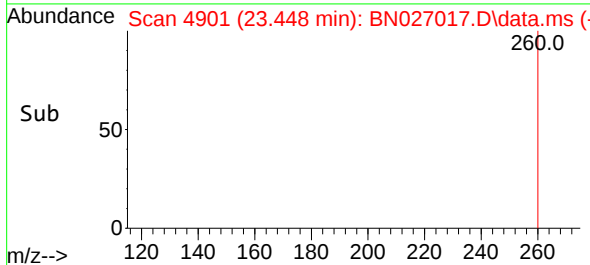
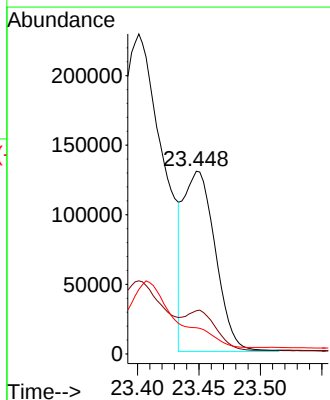
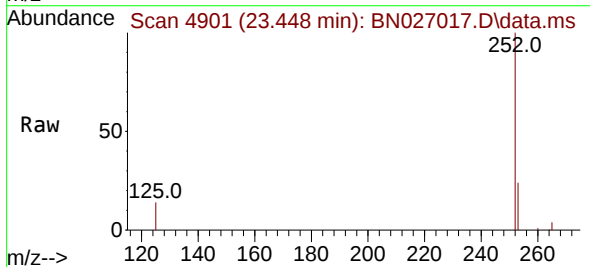
Manual Integrations
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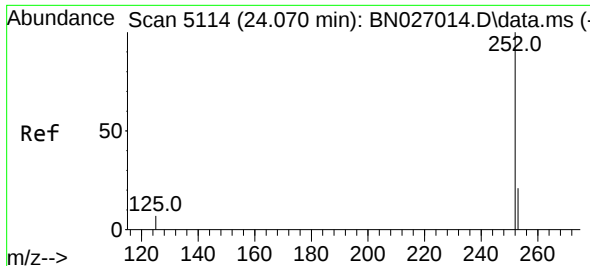
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#25
Benzo(k)fluoranthene
Concen: 2.317 ng/ul m
RT: 23.448 min Scan# 4901
Delta R.T. -0.012 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

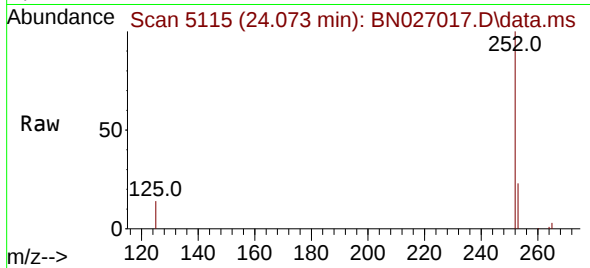
Tgt Ion:252 Resp: 234061
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.4
125 14.4 9.9 14.9





#26
Benzo(a)pyrene
Concen: 3.667 ng/ul
RT: 24.073 min Scan# 5114
Delta R.T. -0.012 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

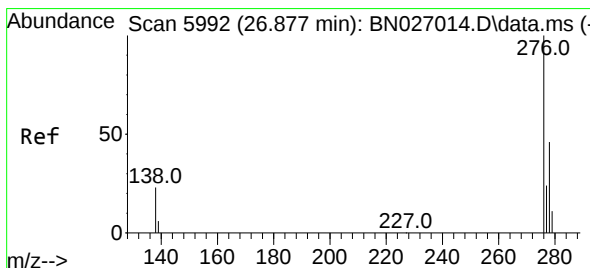
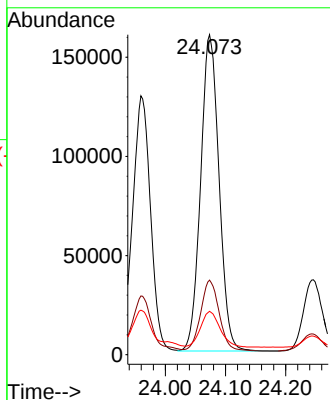
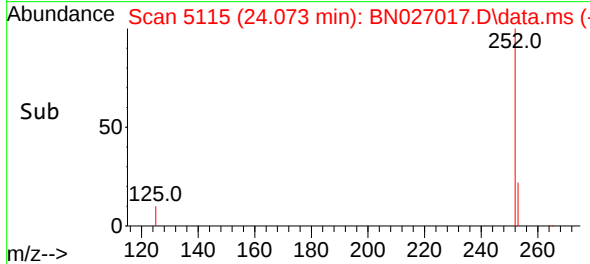
Instrument :
BNA_N
ClientSampleId :
A48H4MS



Tgt Ion:252 Resp: 338904
Ion Ratio Lower Upper
252 100
253 23.3 19.0 28.6
125 13.6 11.4 17.0

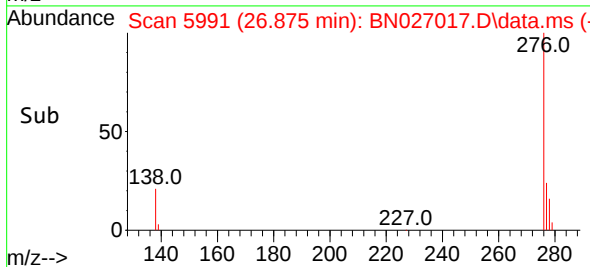
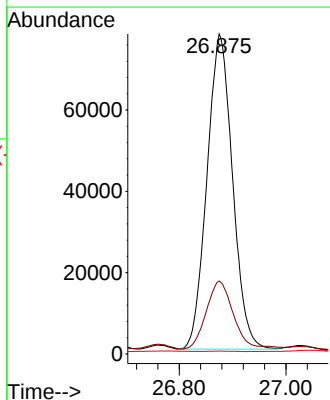
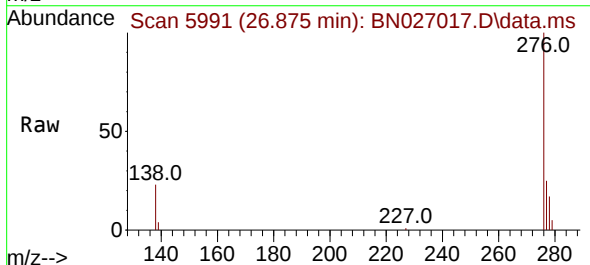
Manual Integrations
APPROVED

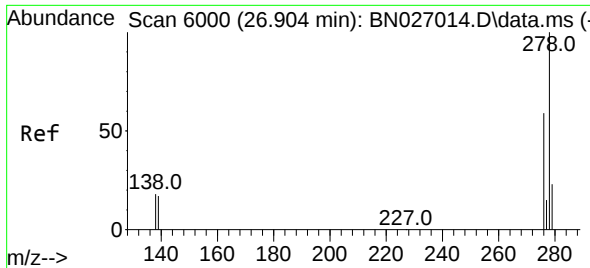
Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.134 ng/ul
RT: 26.875 min Scan# 5991
Delta R.T. -0.010 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

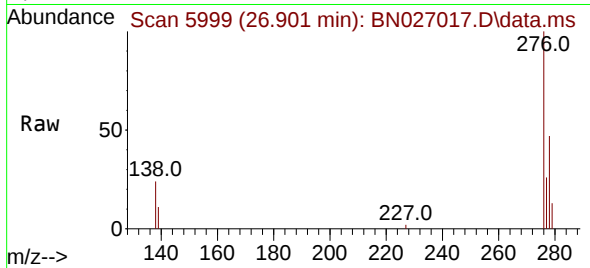
Tgt Ion:276 Resp: 257942
Ion Ratio Lower Upper
276 100
138 23.6 21.6 32.4
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.760 ng/ul
RT: 26.901 min Scan# 5999
Delta R.T. -0.020 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18

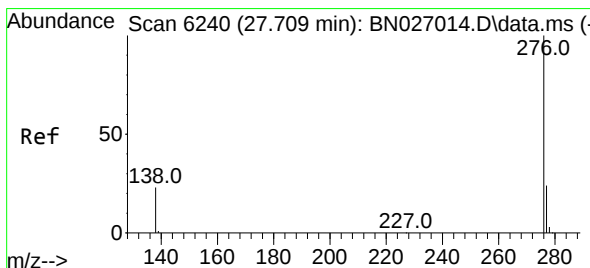
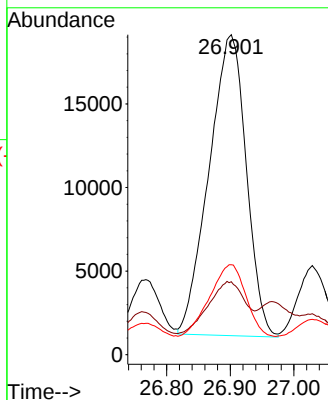
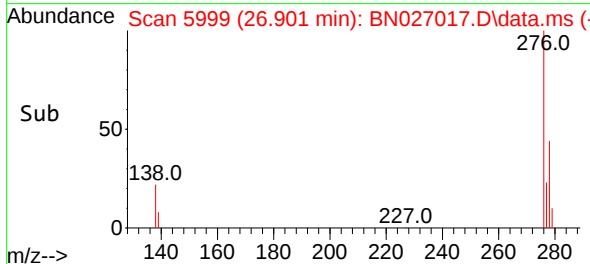
Instrument :
BNA_N
ClientSampleId :
A48H4MS



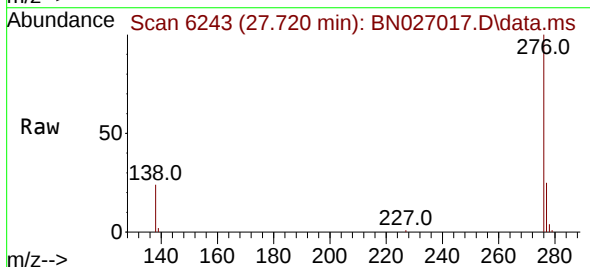
Tgt Ion:278 Resp: 7319
Ion Ratio Lower Upper
278 100
139 22.8 15.7 23.5
279 28.1 20.2 30.4

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.396 ng/ul
RT: 27.720 min Scan# 6243
Delta R.T. -0.003 min
Lab File: BN027017.D
Acq: 22 Aug 2023 07:18



Tgt Ion:276 Resp: 241206
Ion Ratio Lower Upper
276 100
138 23.7 19.3 28.9
277 24.6 19.8 29.8

