

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027924.D
 Acq On : 28 Sep 2023 14:03
 Operator : MA/JU
 Sample : 04417-39
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYE6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/29/2023
 Supervised By :mohammad ahmed 09/30/2023

Quant Time: Sep 29 04:25:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	3463	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	12971	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.601	164	9162	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	18631	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.551	240	15545	0.400	ng/ul	# 0.01
23) Perylene-d12	24.032	264	13454	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	23234	5.326	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	10688	0.544	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	23658	0.498	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.828	128	60081	1.621	ng/ul	100
7) 2-Methylnaphthalene	12.434	142	36467	1.550	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	25600	1.055	ng/ul	99
10) Acenaphthylene	14.333	152	8164	0.204	ng/ul#	57
11) Acenaphthene	14.670	153	2983	0.086	ng/ul#	69
12) Fluorene	15.651	166	2416	0.059	ng/ul#	24
15) Phenanthrene	17.401	178	352104	6.014	ng/ul	97
16) Anthracene	17.489	178	24131	0.492	ng/ul#	69
19) Fluoranthene	19.418	202	670116	10.660	ng/ul	100
20) Pyrene	19.785	202	580471	8.964	ng/ul	100
21) Benzo(a)anthracene	21.533	228	304576	5.064	ng/ul	96
22) Chrysene	21.586	228	462270	7.438	ng/ul	96
24) Benzo(b)fluoranthene	23.266	252	604916m	10.087	ng/ul	
25) Benzo(k)fluoranthene	23.310	252	190332m	3.274	ng/ul	
26) Benzo(a)pyrene	23.918	252	273773	5.676	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.633	276	295107	4.775	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.643	278	85790	1.724	ng/ul#	60
29) Benzo(g,h,i)perylene	27.448	276	275984	5.258	ng/ul	99

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

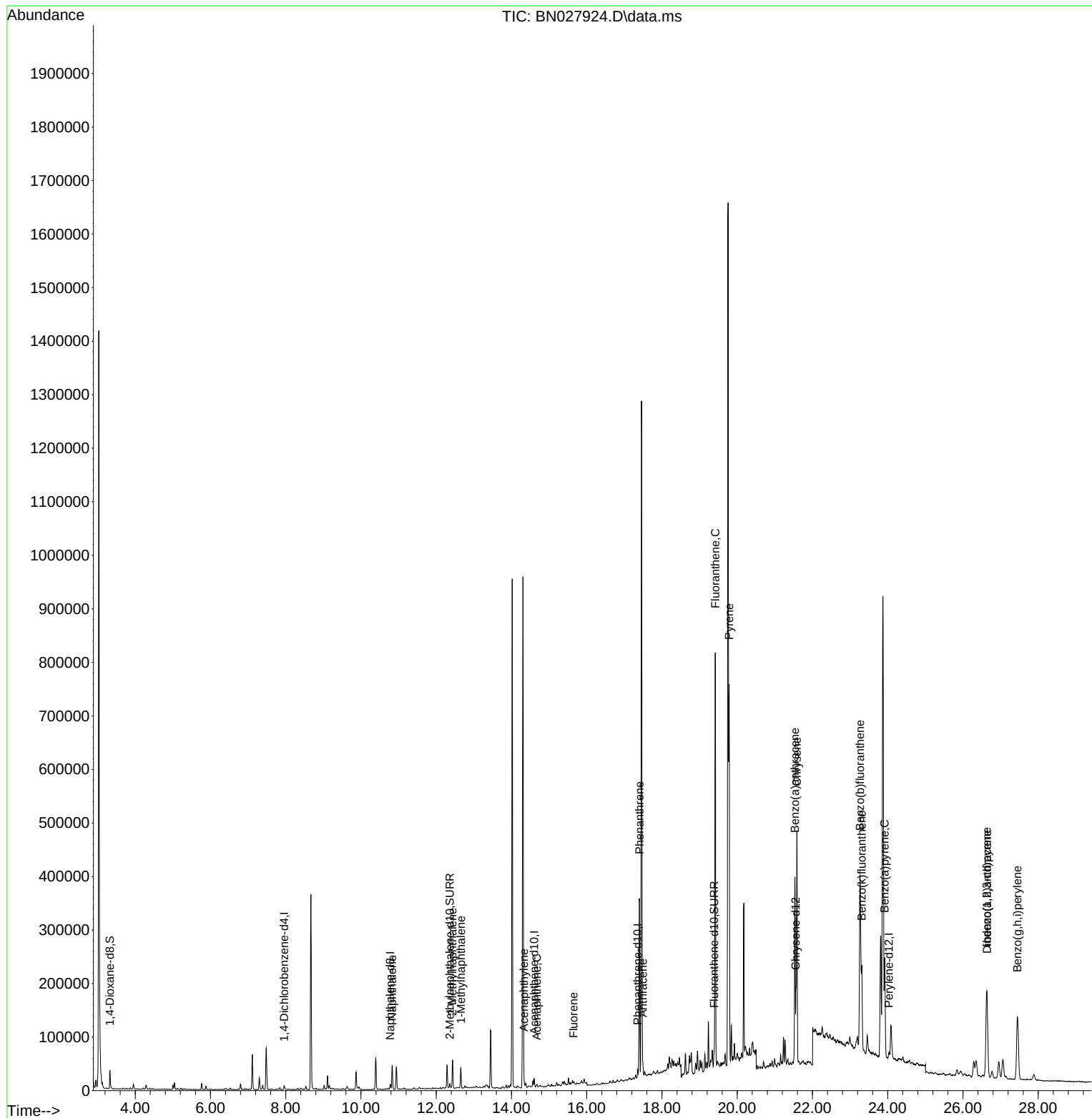
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
Data File : BN027924.D
Acq On : 28 Sep 2023 14:03
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ALS Vial : 10 Sample Multiplier: 1

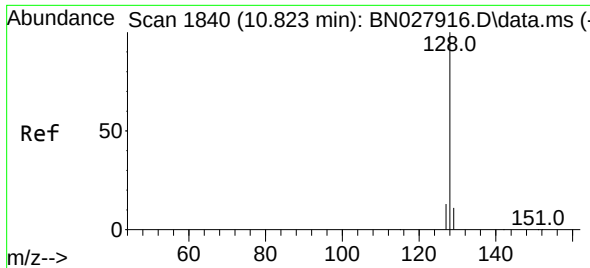
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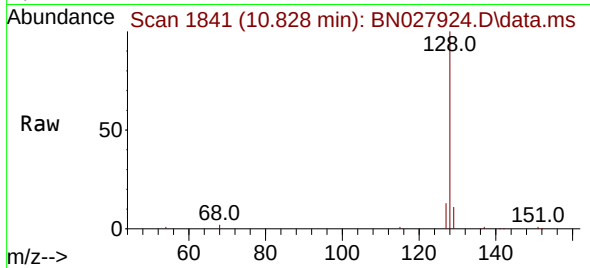
Quant Time: Sep 29 04:25:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 27 03:52:19 2023
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#5
Naphthalene
Concen: 1.621 ng/ul
RT: 10.828 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

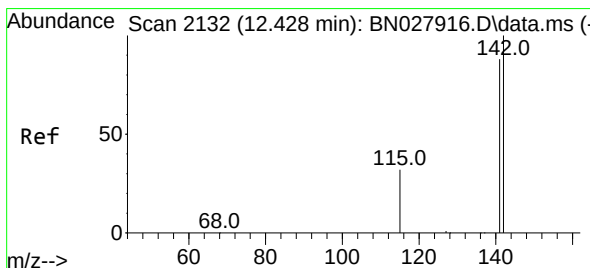
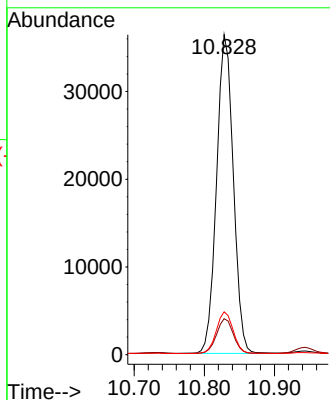
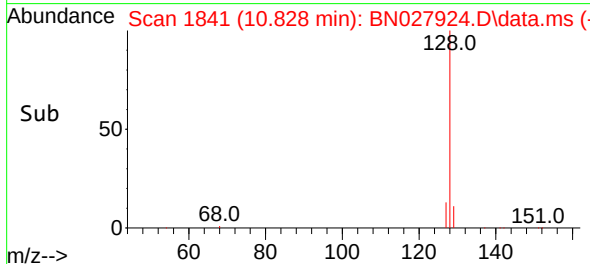
Instrument :
BNA_N
ClientSampleId :
EZY6



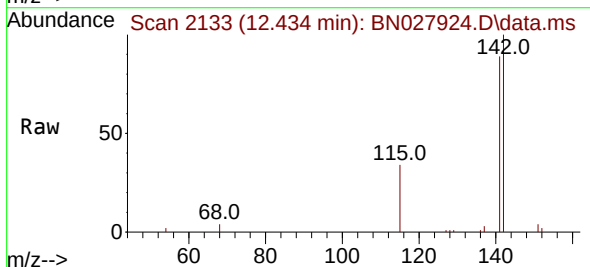
Tgt Ion:128 Resp: 6008
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.4 10.7 16.1

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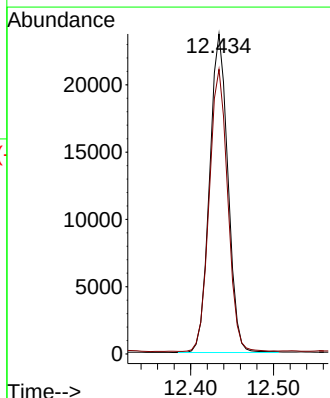
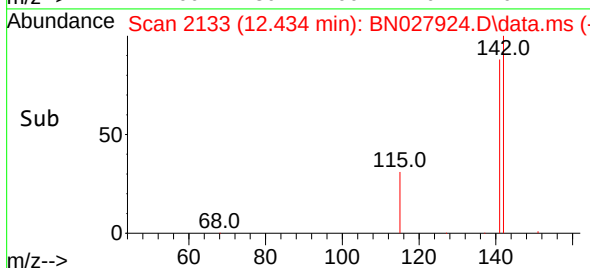
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

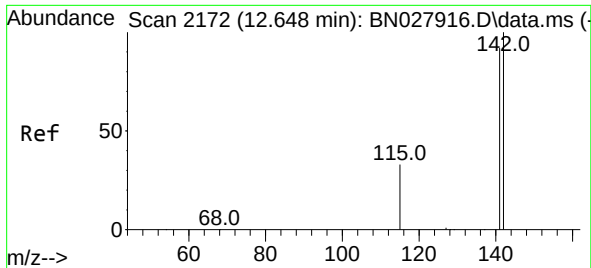


#7
2-Methylnaphthalene
Concen: 1.550 ng/ul
RT: 12.434 min Scan# 2133
Delta R.T. 0.000 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03



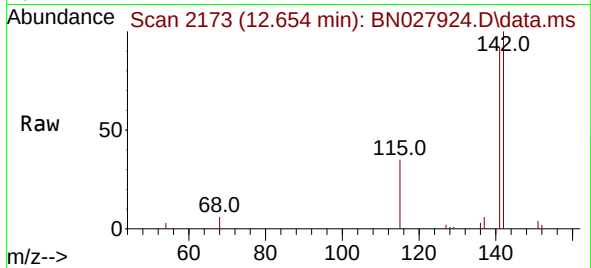
Tgt Ion:142 Resp: 36467
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.055 ng/ul
RT: 12.654 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

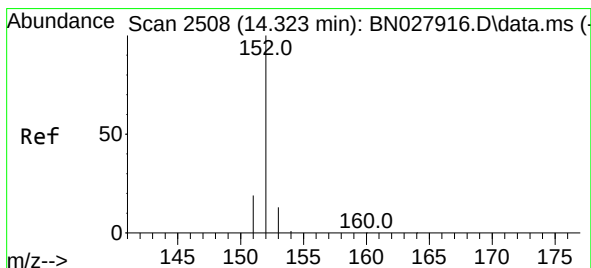
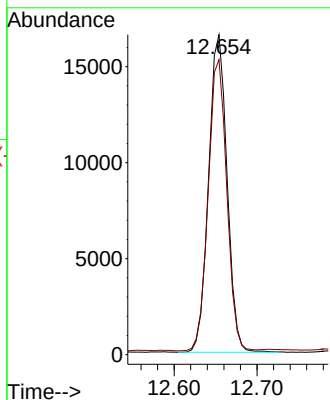
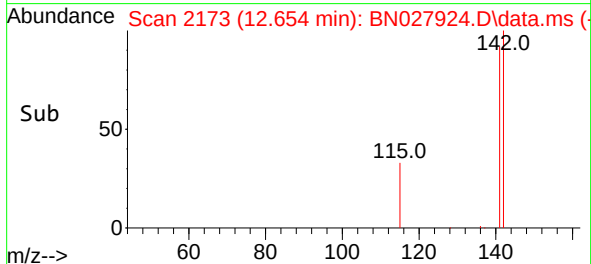
Instrument :
BNA_N
ClientSampleId :
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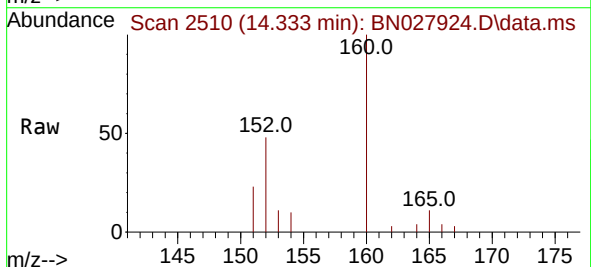
Tgt Ion:142 Resp: 25600
Ion Ratio Lower Upper
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141 92.1 72.8 109.2

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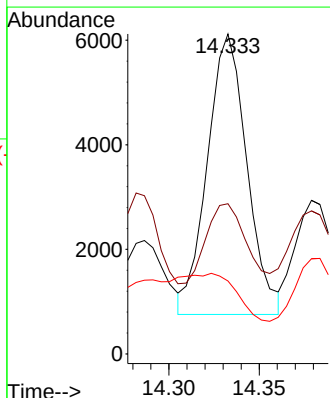
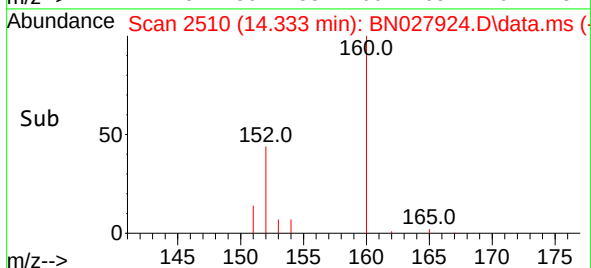
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

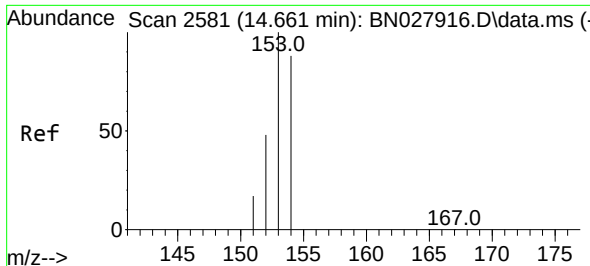


#10
Acenaphthylene
Concen: 0.204 ng/ul
RT: 14.333 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03



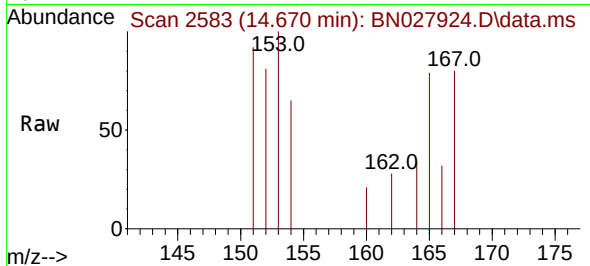
Tgt Ion:152 Resp: 8164
Ion Ratio Lower Upper
152 100
151 46.9 16.6 25.0#
153 22.8 11.0 16.6#





#11
Acenaphthene
Concen: 0.086 ng/u1
RT: 14.670 min Scan# 2581
Delta R.T. 0.005 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

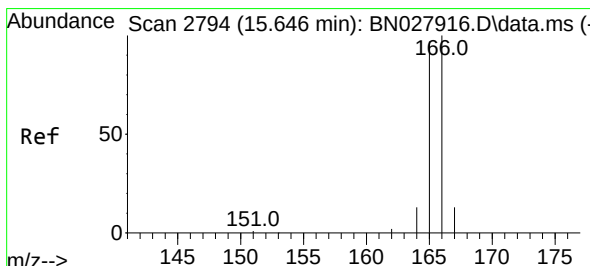
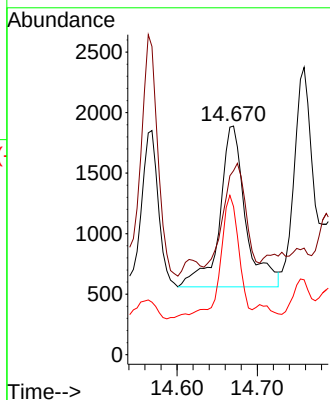
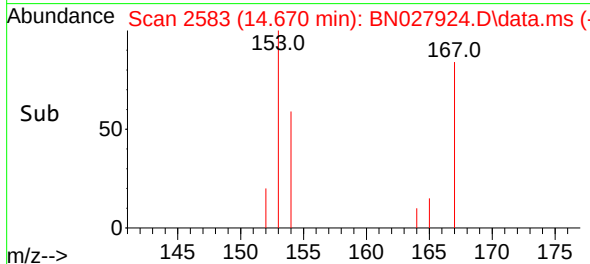
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:153 Resp: 2983
Ion Ratio Lower Upper
153 100
152 80.5 41.7 62.5#
154 64.7 70.3 105.5#

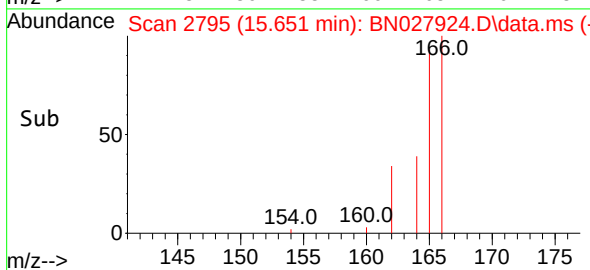
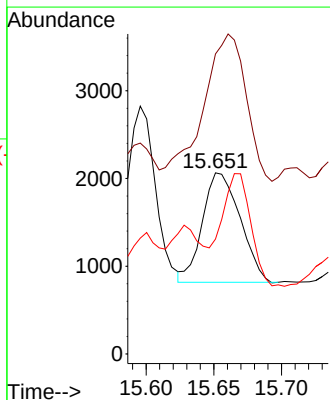
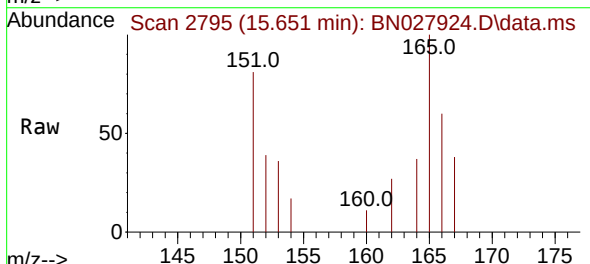
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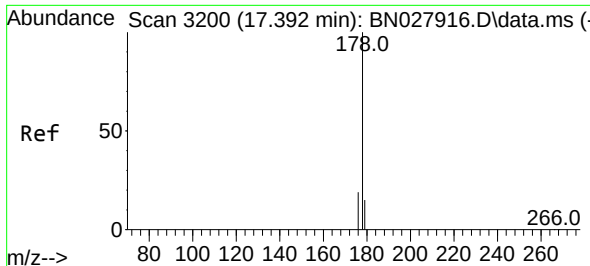
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#12
Fluorene
Concen: 0.059 ng/u1
RT: 15.651 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

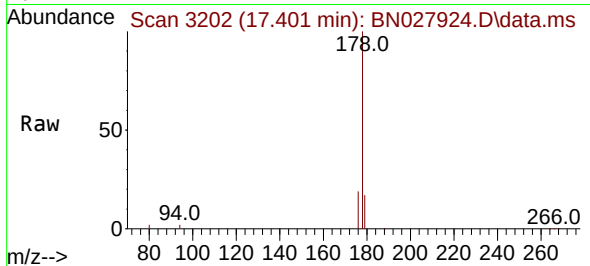
Tgt Ion:166 Resp: 2416
Ion Ratio Lower Upper
166 100
165 165.6 78.0 117.0#
167 63.4 11.4 17.2#





#15
Phenanthrene
Concen: 6.014 ng/u1
RT: 17.401 min Scan# 31
Delta R.T. 0.004 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

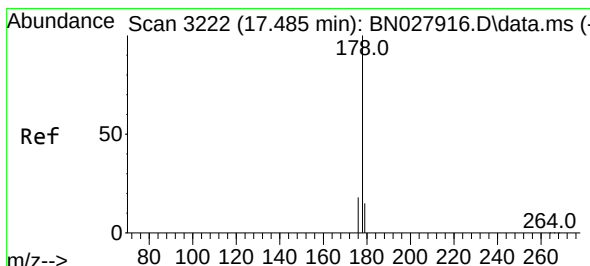
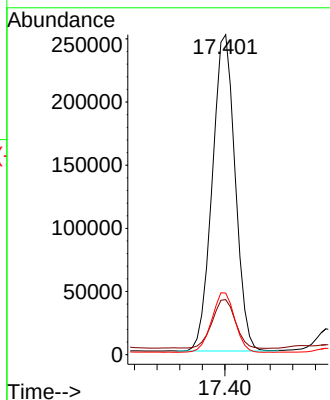
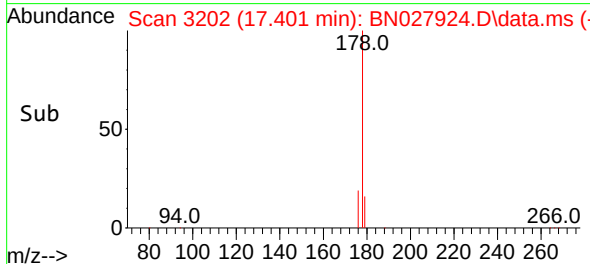
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:178 Resp: 352104
Ion Ratio Lower Upper
178 100
179 17.2 12.4 18.6
176 19.3 16.0 24.0

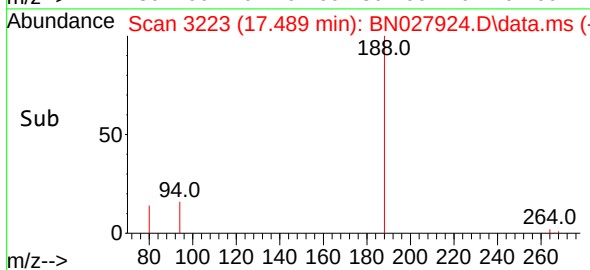
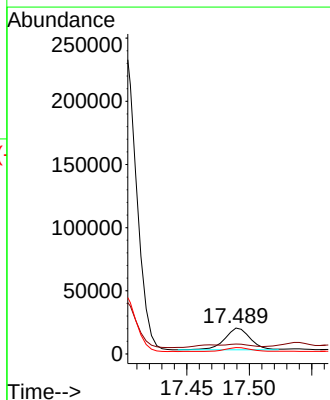
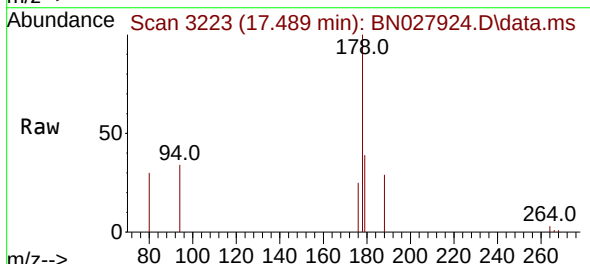
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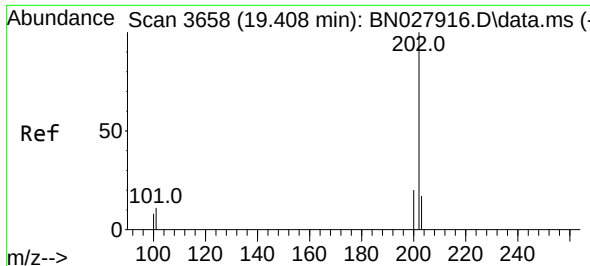
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#16
Anthracene
Concen: 0.492 ng/u1
RT: 17.489 min Scan# 3223
Delta R.T. 0.000 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

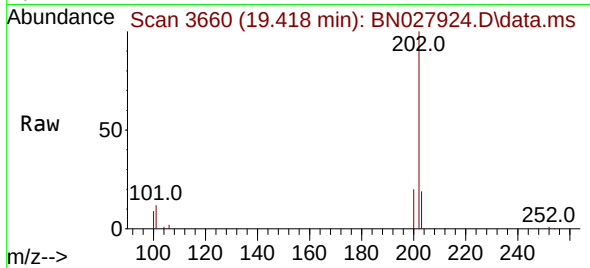
Tgt Ion:178 Resp: 24131
Ion Ratio Lower Upper
178 100
179 38.6 12.6 19.0#
176 24.8 15.5 23.3#





#19
Fluoranthene
Concen: 10.660 ng/u1
RT: 19.418 min Scan# 3660
Delta R.T. 0.009 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

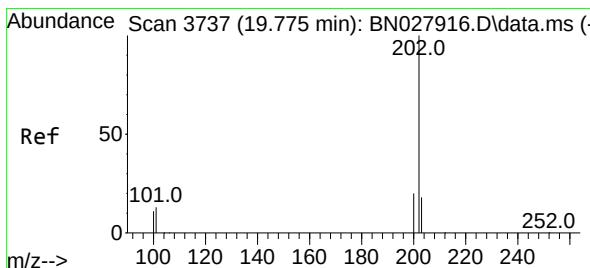
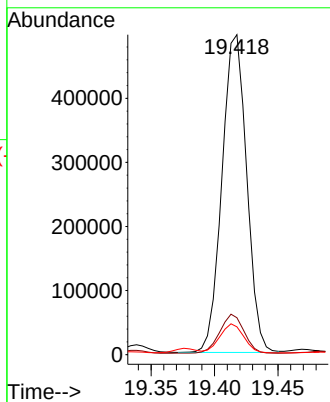
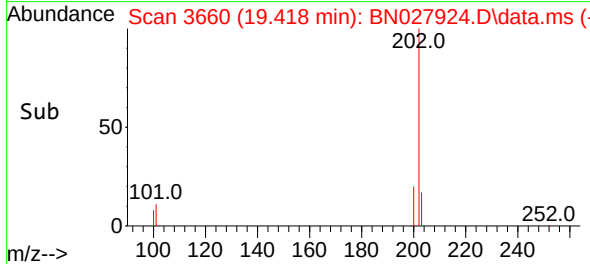
Instrument :
BNA_N
ClientSampleId :
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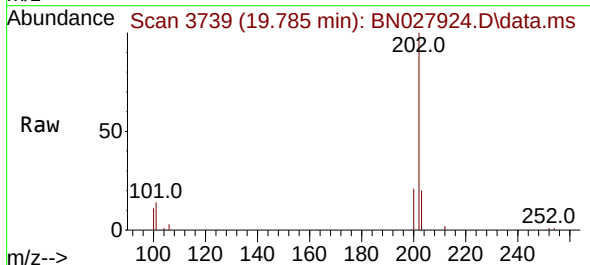
Tgt Ion:202 Resp: 670110
Ion Ratio Lower Upper
202 100
101 11.6 9.3 13.9
100 8.7 7.0 10.4

Manual Integrations
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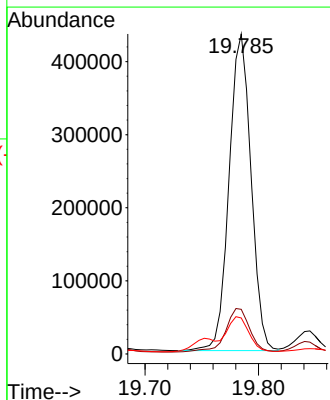
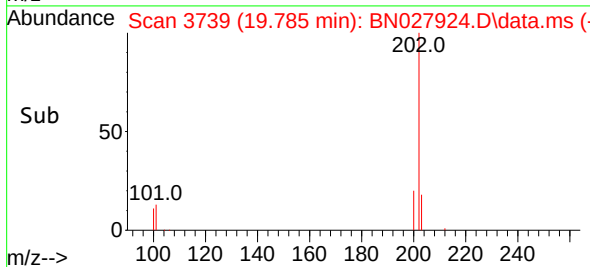
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

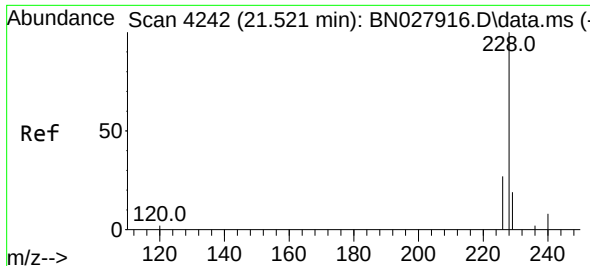


#20
Pyrene
Concen: 8.964 ng/u1
RT: 19.785 min Scan# 3739
Delta R.T. 0.009 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03



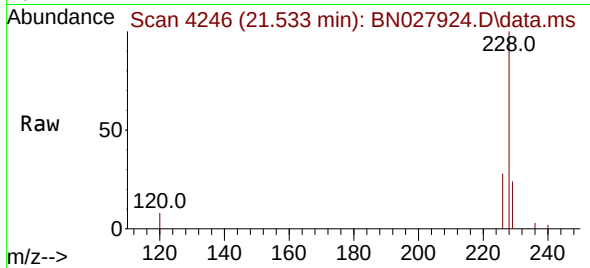
Tgt Ion:202 Resp: 580471
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 5.064 ng/u1
RT: 21.533 min Scan# 41
Delta R.T. 0.015 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

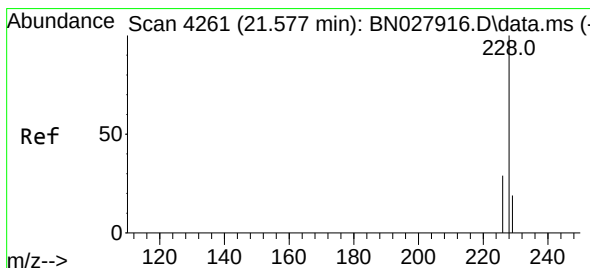
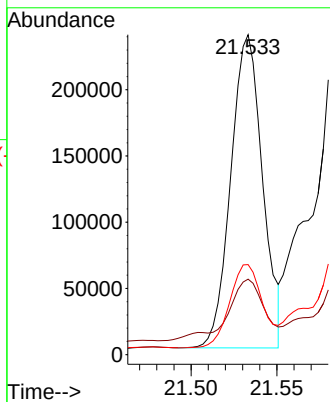
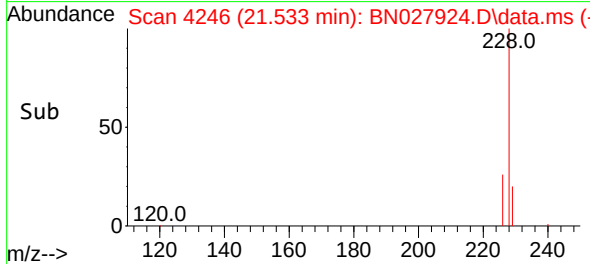
Instrument :
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Tgt Ion:228 Resp: 304570
Ion Ratio Lower Upper
228 100
229 23.6 15.8 23.8
226 28.1 22.0 33.0

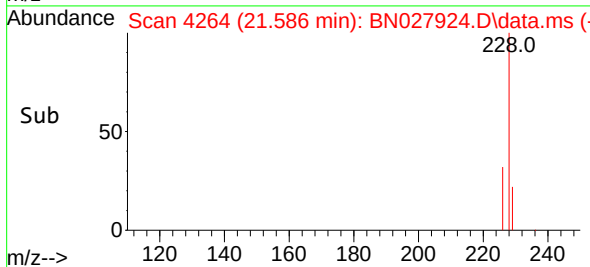
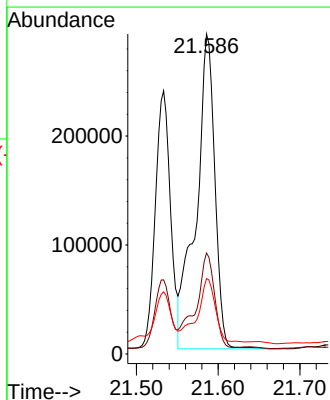
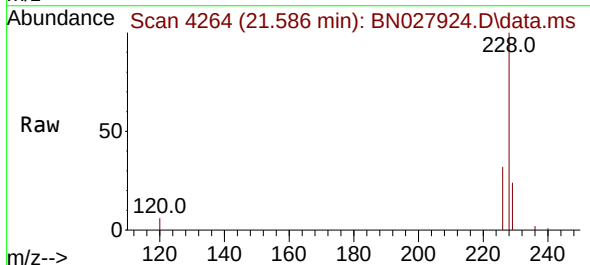
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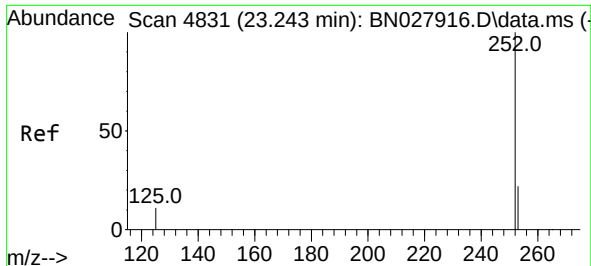
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#22
Chrysene
Concen: 7.438 ng/u1
RT: 21.586 min Scan# 4264
Delta R.T. 0.012 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

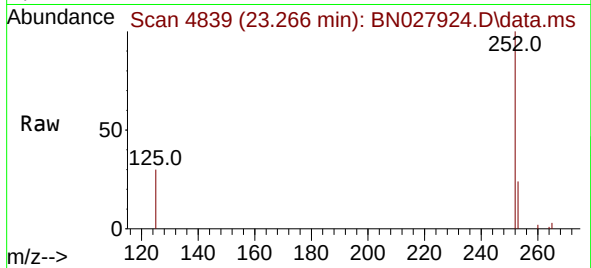
Tgt Ion:228 Resp: 462270
Ion Ratio Lower Upper
228 100
226 31.5 24.5 36.7
229 23.6 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 10.087 ng/ul m
RT: 23.266 min Scan# 4839
Delta R.T. 0.026 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

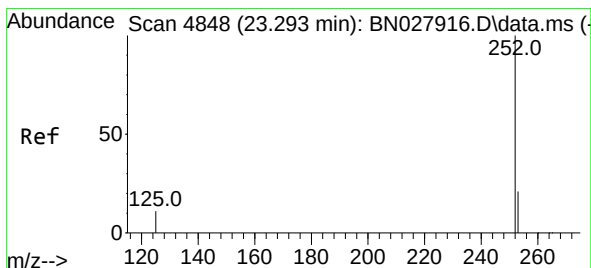
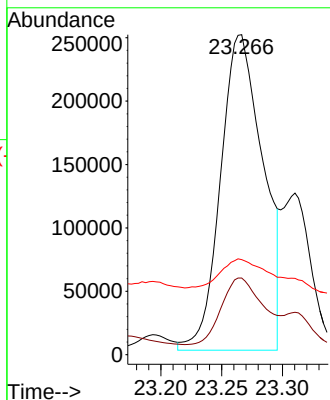
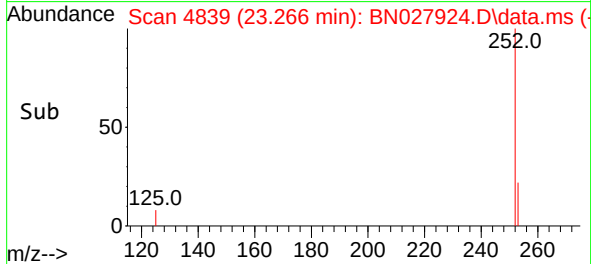
Instrument :
BNA_N
ClientSampleId :
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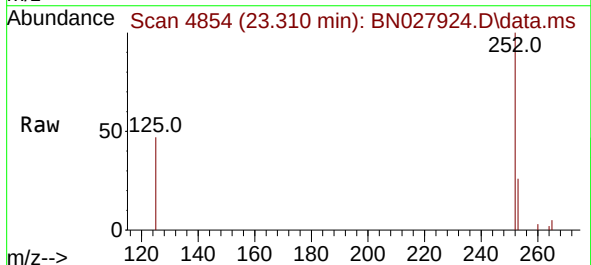
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Ion Ratio Lower Upper
252 100
253 24.0 0.0 50.2
125 29.7 0.0 31.4

Manual Integrations
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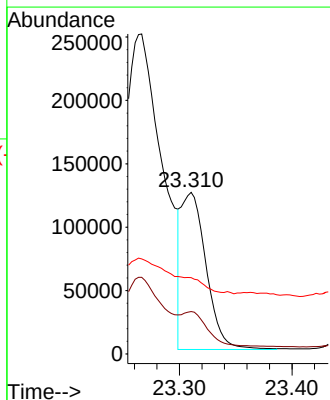
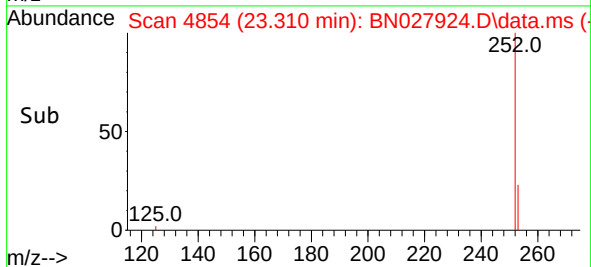
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023

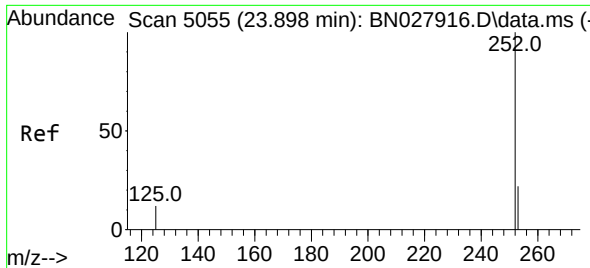


#25
Benzo(k)fluoranthene
Concen: 3.274 ng/ul m
RT: 23.310 min Scan# 4854
Delta R.T. 0.018 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03



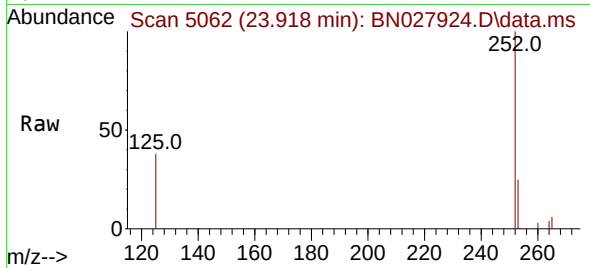
Tgt Ion:252 Resp: 190332
Ion Ratio Lower Upper
252 100
253 26.2 19.9 29.9
125 47.2 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 5.676 ng/ul
RT: 23.918 min Scan# 5055
Delta R.T. 0.023 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

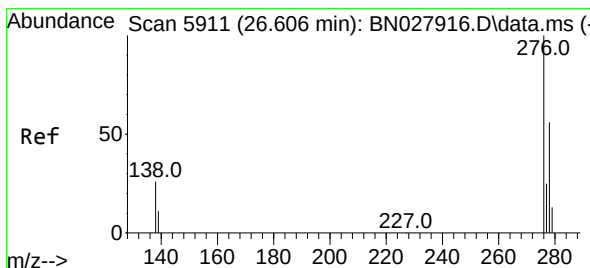
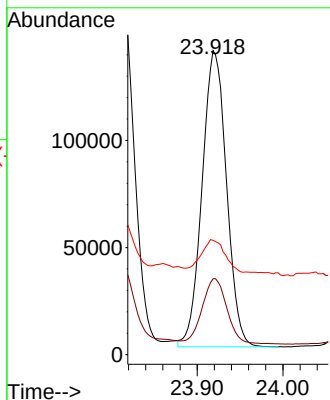
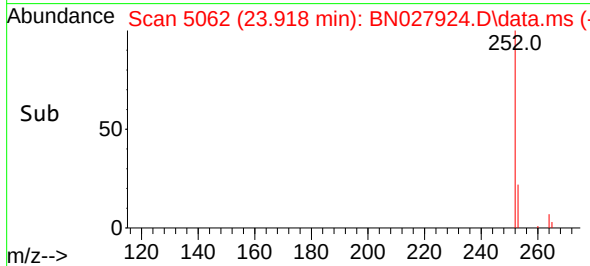
Instrument :
BNA_N
ClientSampleId :
EZY6



Tgt Ion:252 Resp: 27377
Ion Ratio Lower Upper
252 100
253 25.0 21.9 32.9
125 37.6 15.5 23.3

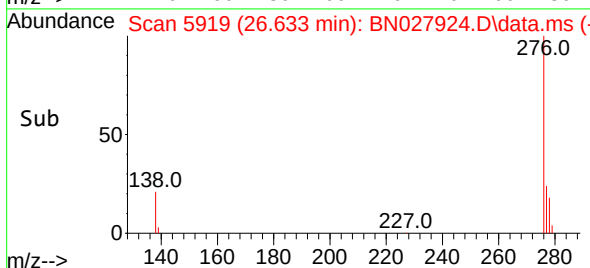
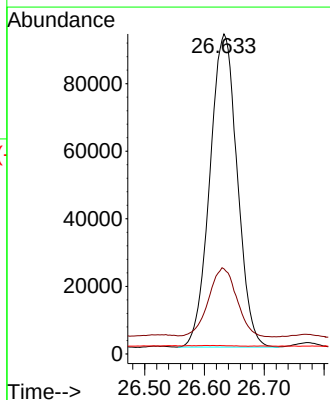
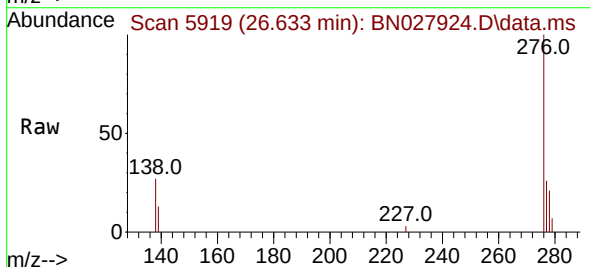
Manual Integrations
APPROVED

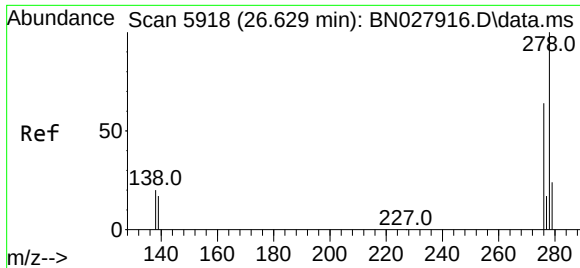
Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.775 ng/ul
RT: 26.633 min Scan# 5919
Delta R.T. 0.034 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

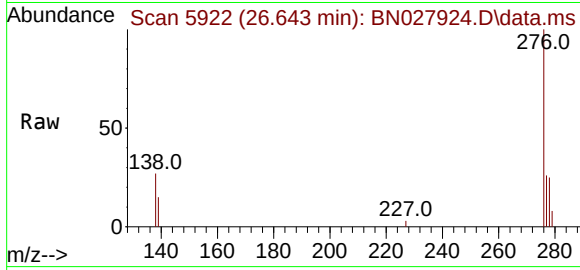
Tgt Ion:276 Resp: 295107
Ion Ratio Lower Upper
276 100
138 22.7 24.3 36.5#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.724 ng/ul
RT: 26.643 min Scan# 5918
Delta R.T. 0.020 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03

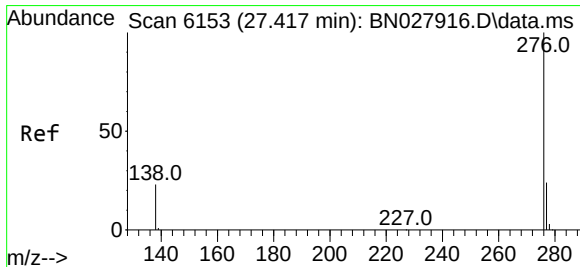
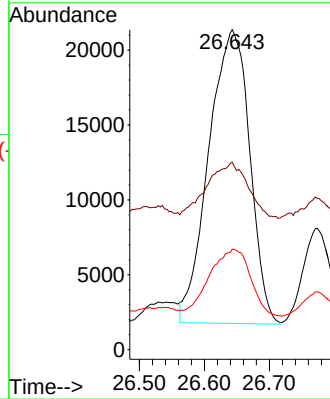
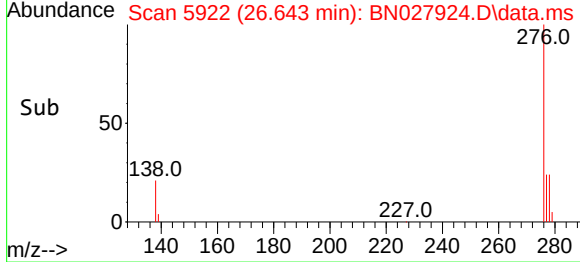
Instrument :
BNA_N
ClientSampleId :
EZY6



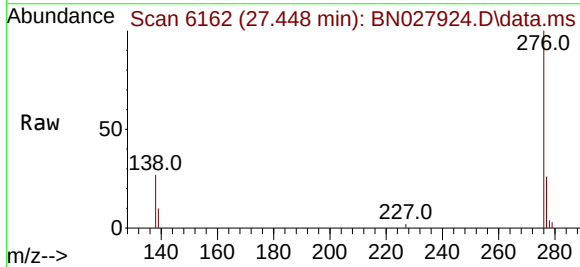
Tgt Ion:278 Resp: 85790
Ion Ratio Lower Upper
278 100
139 58.6 17.2 25.8
279 31.4 21.4 32.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :mohammad ahmed 09/30/2023



#29
Benzo(g,h,i)perylene
Concen: 5.258 ng/ul
RT: 27.448 min Scan# 6162
Delta R.T. 0.037 min
Lab File: BN027924.D
Acq: 28 Sep 2023 14:03



Tgt Ion:276 Resp: 275984
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 25.6 20.2 30.2

