

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
 Data File : BN026854.D
 Acq On : 08 Aug 2023 19:55
 Operator : MA/JU
 Sample : 03862-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-11-(10-15)

Quant Time: Aug 09 01:12:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 09 01:06:23 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.109	152	9190	0.400	ng	0.00
7) Naphthalene-d8	10.938	136	25528	0.400	ng	0.00
13) Acenaphthene-d10	14.737	164	15427	0.400	ng	0.00
19) Phenanthrene-d10	17.480	188	35585	0.400	ng	0.00
29) Chrysene-d12	21.659	240	27277	0.400	ng	0.00
35) Perylene-d12	24.209	264	24323	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	6771	0.291	ng	0.00
5) Phenol-d6	7.236	99	8243	0.274	ng	0.00
8) Nitrobenzene-d5	9.294	82	4212	0.279	ng	0.00
11) 2-Methylnaphthalene-d10	12.510	152	11339	0.310	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	1188	0.226	ng	-0.01
15) 2-Fluorobiphenyl	13.368	172	17729	0.281	ng	0.00
27) Fluoranthene-d10	19.500	212	26674	0.312	ng	0.00
31) Terphenyl-d14	20.090	244	20608	0.362	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.992	128	1538	0.022	ng	# 83
16) Acenaphthylene	14.459	152	4651	0.061	ng	98
18) Fluorene	15.780	166	1588	0.026	ng	90
25) Phenanthrene	17.517	178	7460	0.069	ng	99
26) Anthracene	17.617	178	4612	0.048	ng	# 85
28) Fluoranthene	19.528	202	11483	0.095	ng	99
30) Pyrene	19.895	202	14010	0.119	ng	97
32) Benzo(a)anthracene	21.641	228	8404	0.090	ng	# 79
33) Chrysene	21.695	228	7979	0.077	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.533	149	7985	0.257	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.905	276	4876	0.049	ng	# 81
37) Benzo(b)fluoranthene	23.420	252	7653	0.080	ng	# 68
38) Benzo(k)fluoranthene	23.469	252	5397m	0.055	ng	
39) Benzo(a)pyrene	24.092	252	6458	0.074	ng	# 66
40) Dibenzo(a,h)anthracene	26.946	278	2758	0.036	ng	# 58
41) Benzo(g,h,i)perylene	27.750	276	4340	0.048	ng	# 73

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

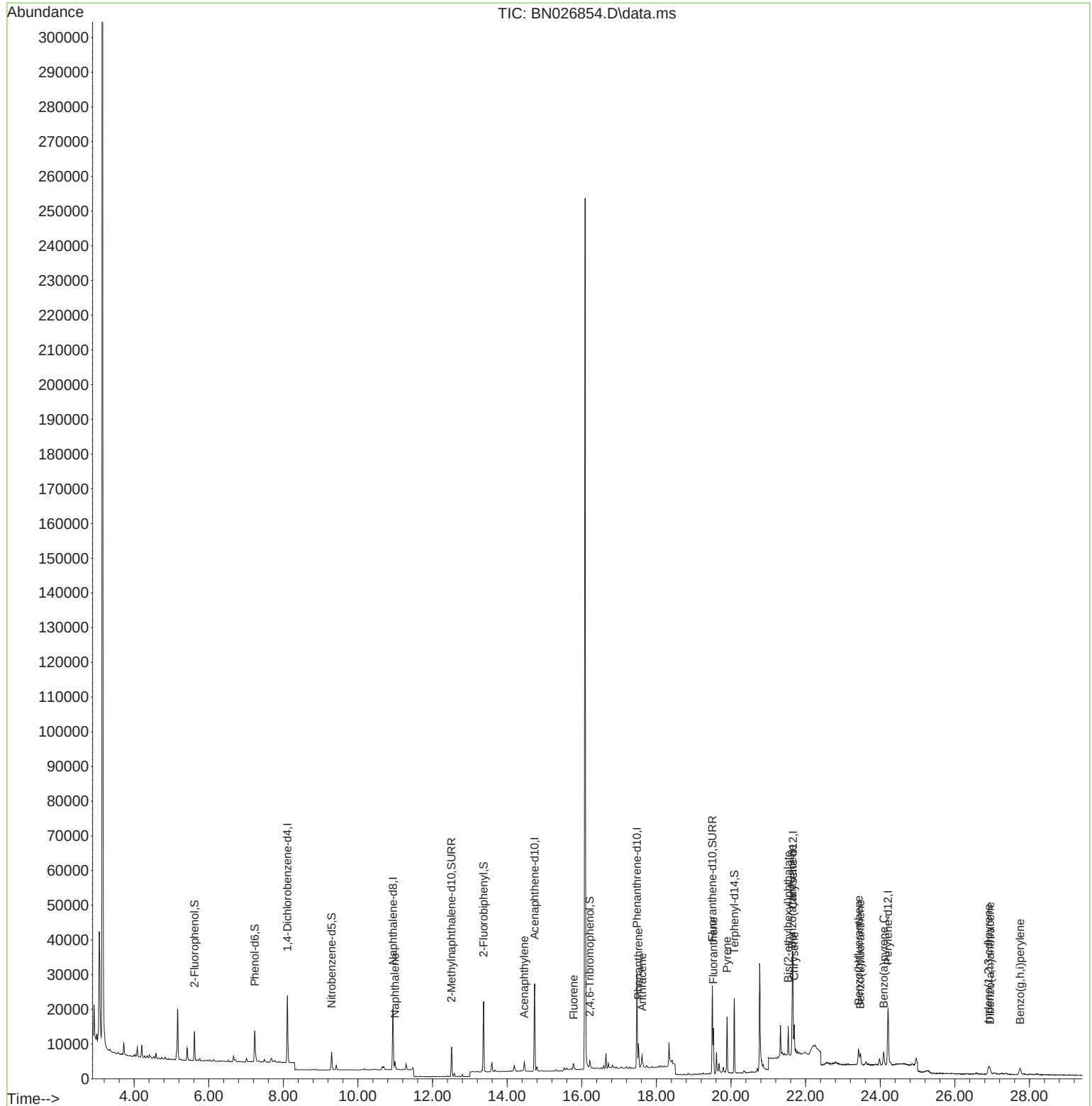
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080923\
Data File : BN026854.D
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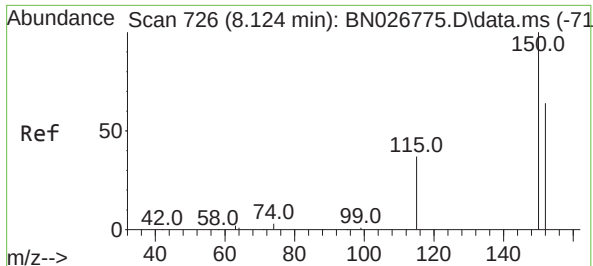
Instrument :
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Quant Time: Aug 09 01:12:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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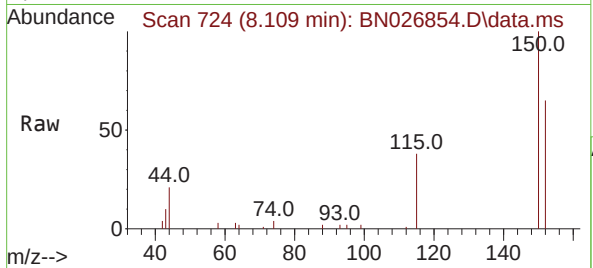
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.109 min Scan# 719
Delta R.T. -0.001 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

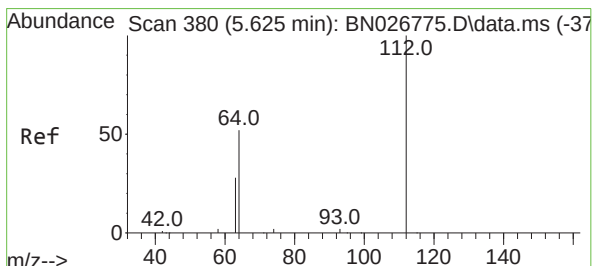
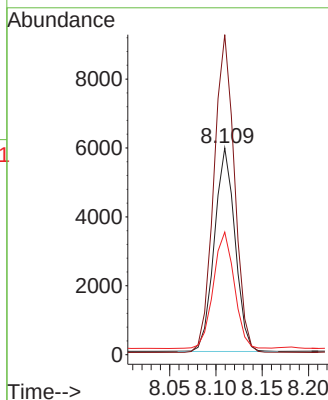
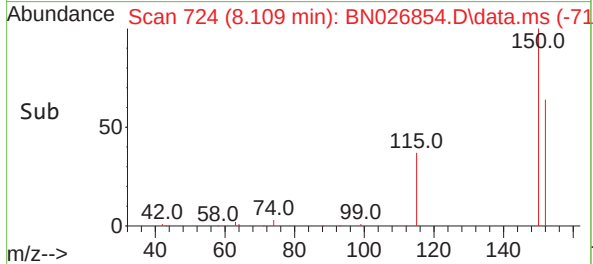
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



Tgt Ion:152 Resp: 9190
Ion Ratio Lower Upper
152 100
150 154.7 123.8 185.8
115 59.3 48.0 72.0

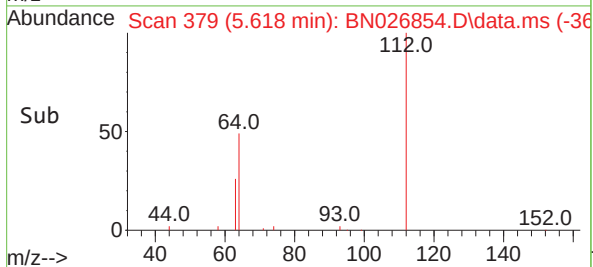
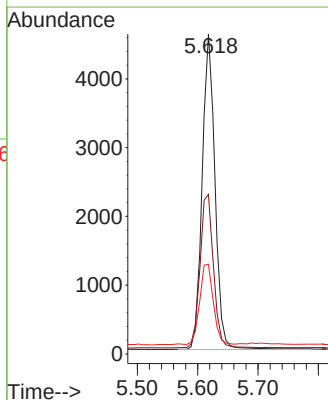
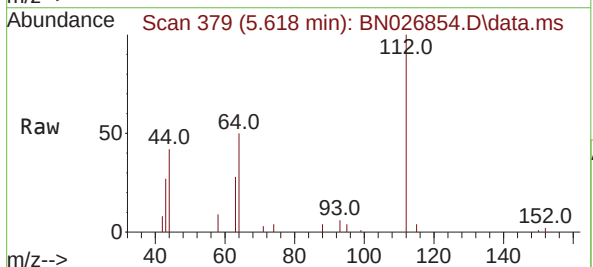
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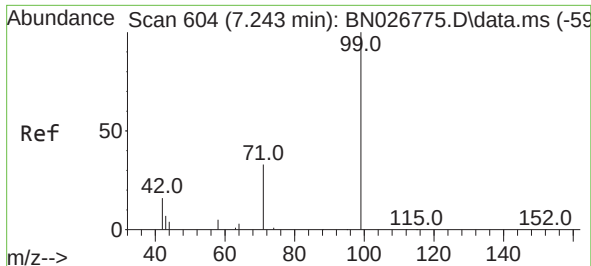
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#4
2-Fluorophenol
Concen: 0.291 ng
RT: 5.618 min Scan# 379
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

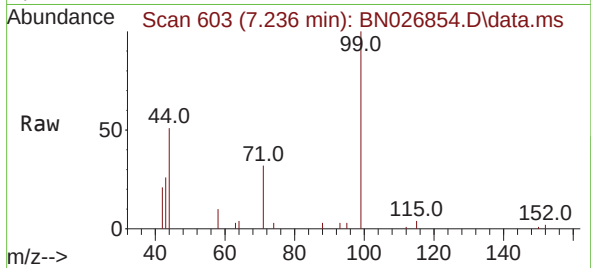
Tgt Ion:112 Resp: 6771
Ion Ratio Lower Upper
112 100
64 51.3 42.2 63.2
63 27.5 22.7 34.1





#5
Phenol-d6
Concen: 0.274 ng
RT: 7.236 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

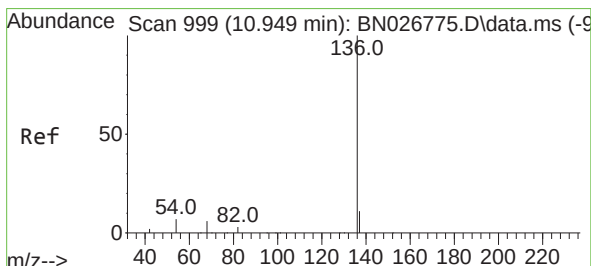
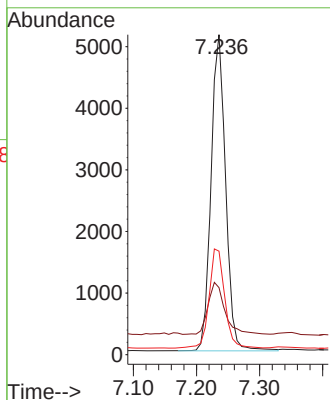
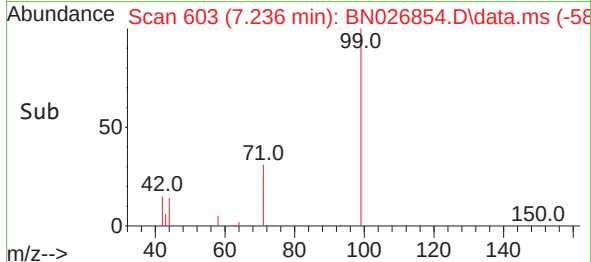
Instrument :
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Tgt Ion: 99 Resp: 824
Ion Ratio Lower Upper
99 100
42 18.9 14.6 22.0
71 33.4 26.6 40.0

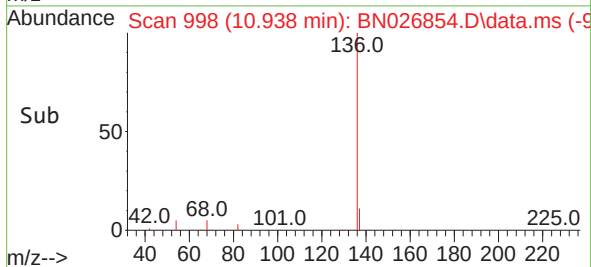
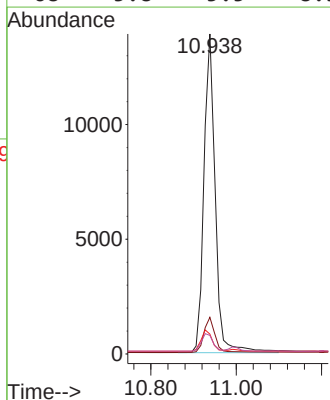
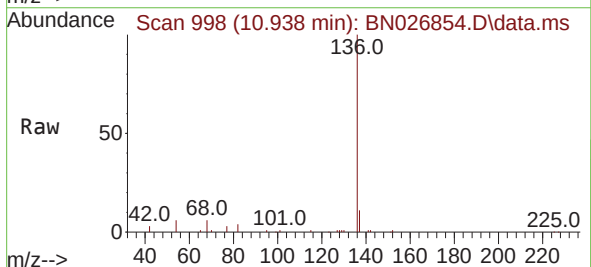
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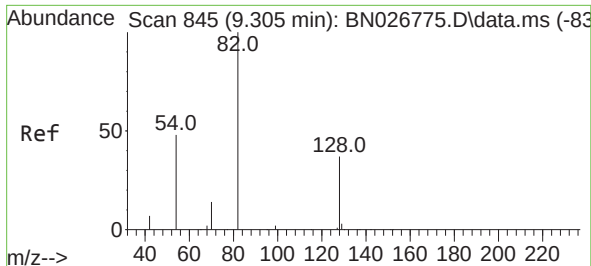
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.938 min Scan# 998
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

Tgt Ion:136 Resp: 25528
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.4
54 6.2 6.2 9.2
68 5.8 5.5 8.3





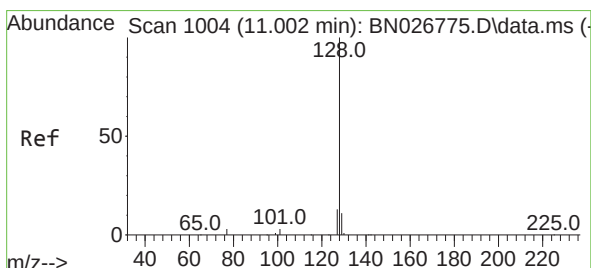
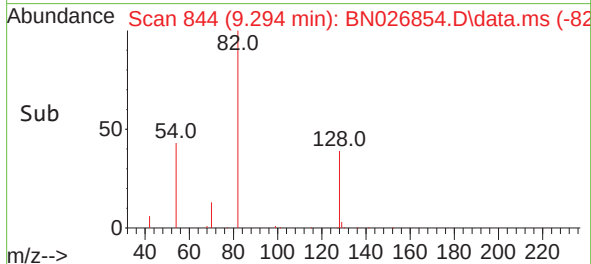
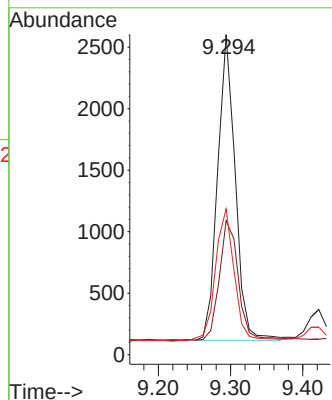
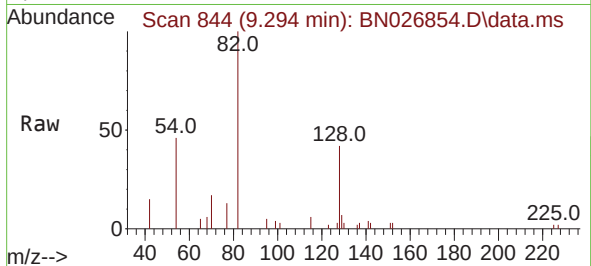
#8
Nitrobenzene-d5
Concen: 0.279 ng
RT: 9.294 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)

Tgt Ion: 82 Resp: 421
Ion Ratio Lower Upper
82 100
128 41.9 30.5 45.7
54 45.5 39.4 59.2

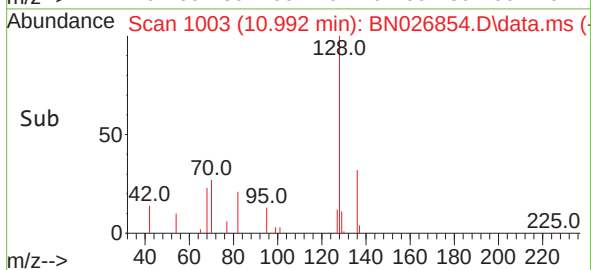
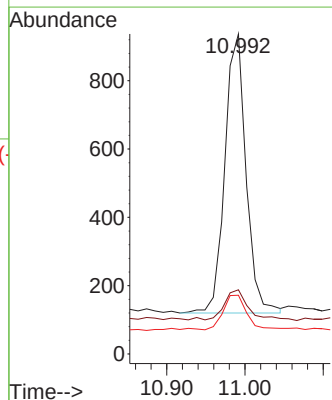
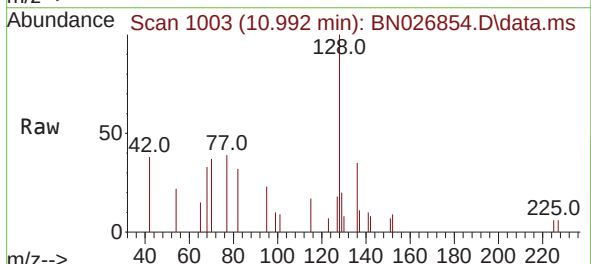
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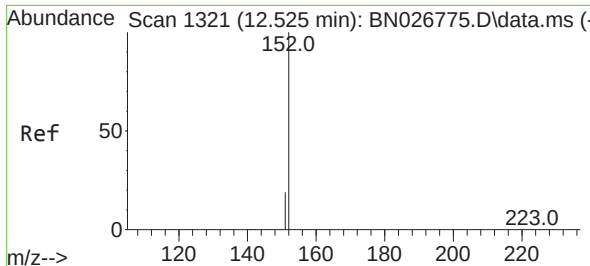
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#9
Naphthalene
Concen: 0.022 ng
RT: 10.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

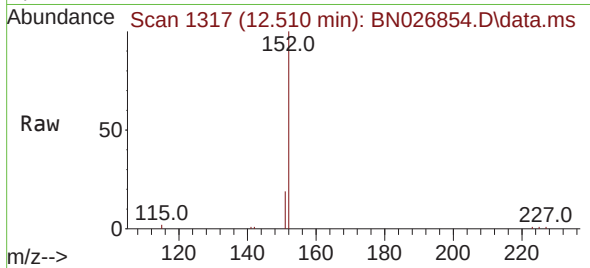
Tgt Ion:128 Resp: 1538
Ion Ratio Lower Upper
128 100
129 20.1 9.0 13.4#
127 18.4 10.6 16.0#





#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

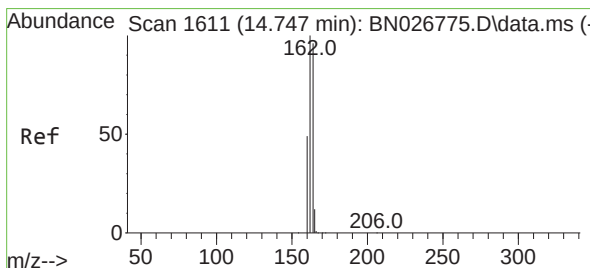
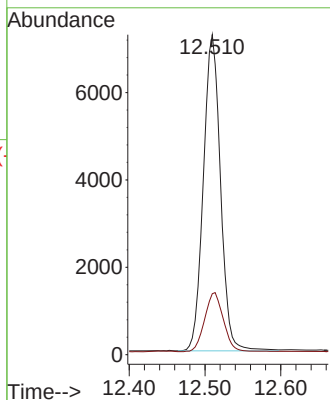
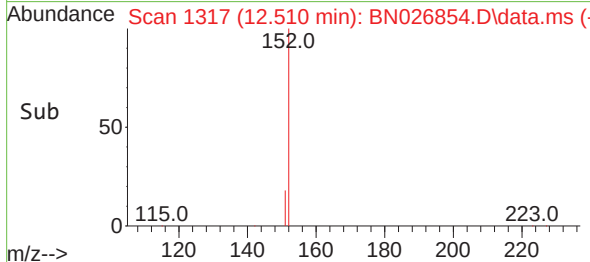
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



Tgt Ion:152 Resp: 11339
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7

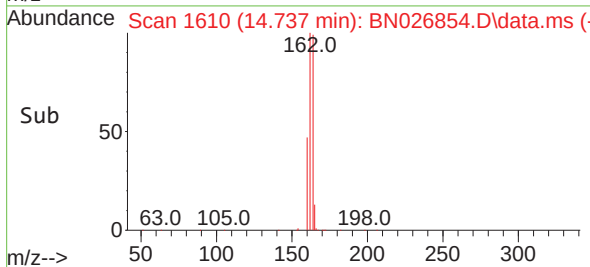
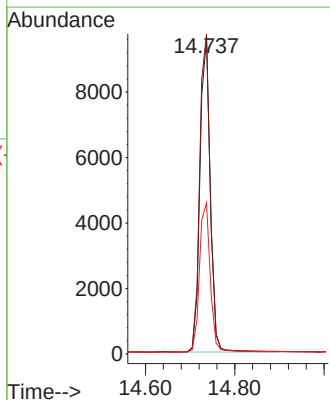
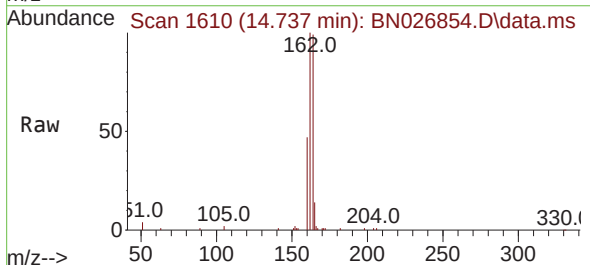
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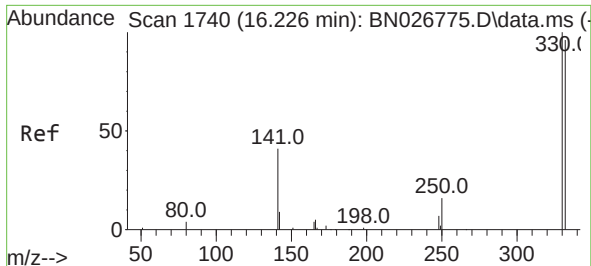
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.737 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

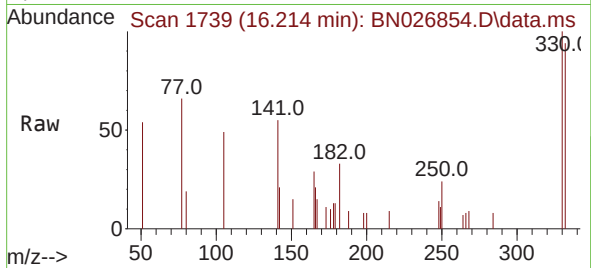
Tgt Ion:164 Resp: 15427
Ion Ratio Lower Upper
164 100
162 101.5 83.0 124.6
160 47.9 40.8 61.2





#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 16.214 min Scan# 1188
Delta R.T. -0.013 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

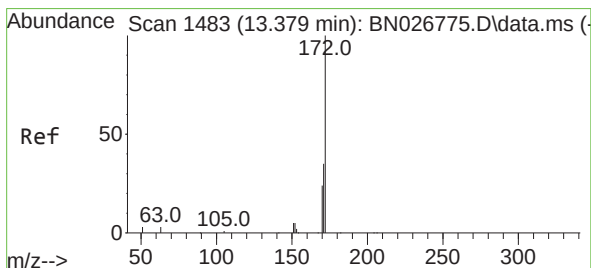
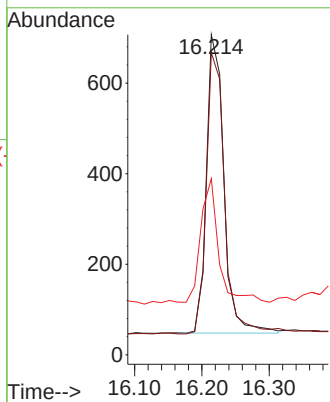
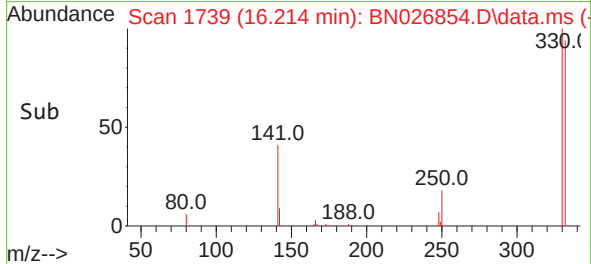
Instrument :
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ClientSampleId :
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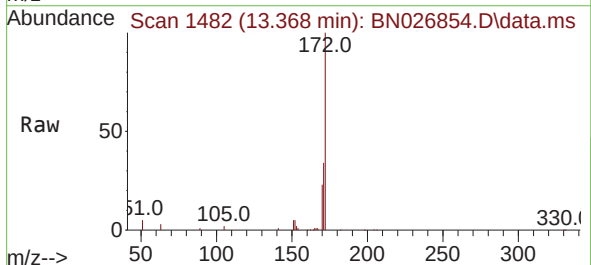
Tgt Ion: 330 Resp: 1188
Ion Ratio Lower Upper
330 100
332 99.0 77.8 116.6
141 41.9 34.8 52.2

Manual Integrations
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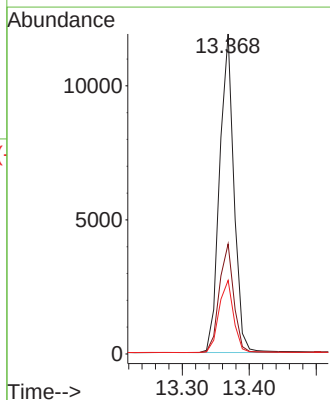
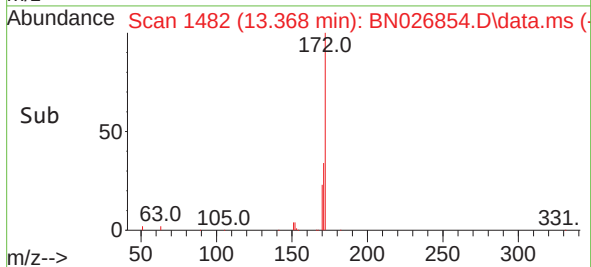
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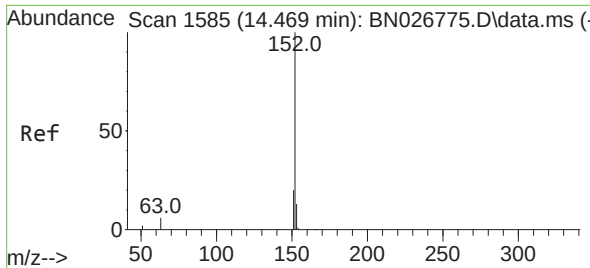


#15
2-Fluorobiphenyl
Concen: 0.281 ng
RT: 13.368 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55



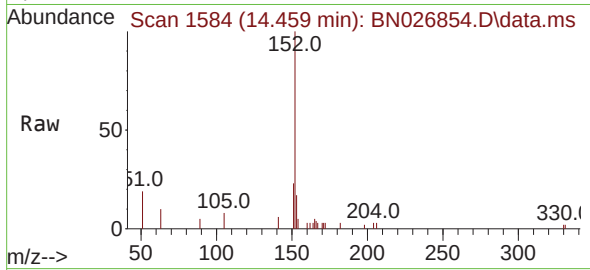
Tgt Ion: 172 Resp: 17729
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.0 19.2 28.8





#16
Acenaphthylene
Concen: 0.061 ng
RT: 14.459 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

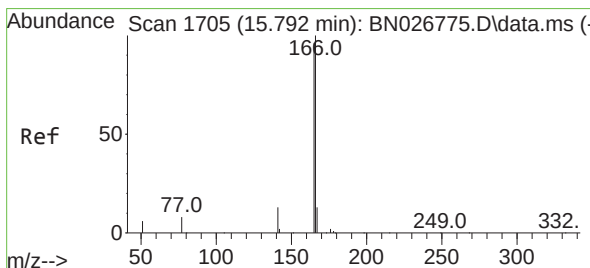
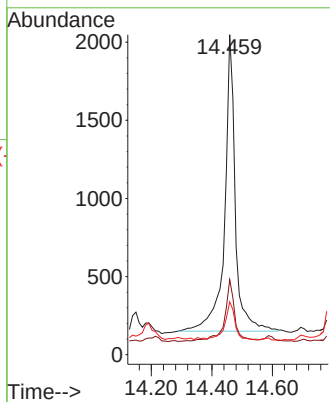
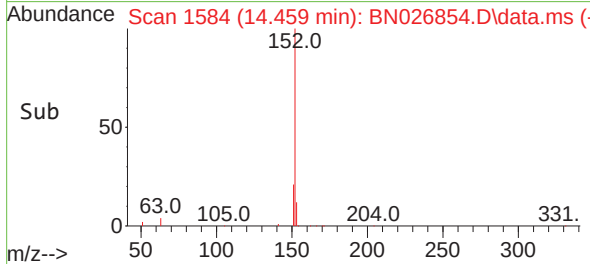
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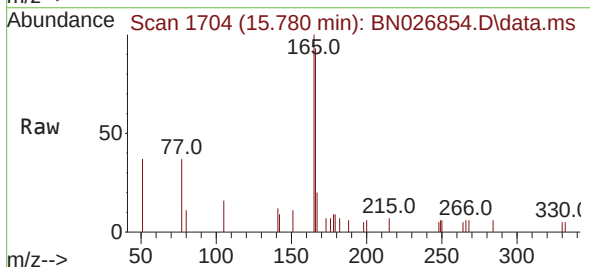
Tgt Ion:152 Resp: 465
Ion Ratio Lower Upper
152 100
151 20.3 15.7 23.5
153 12.0 10.5 15.7

Manual Integrations
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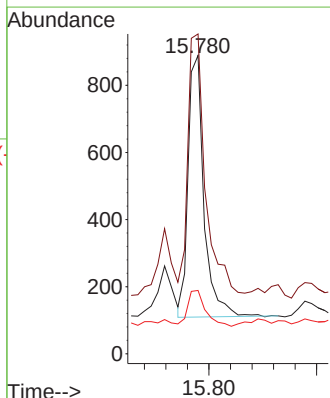
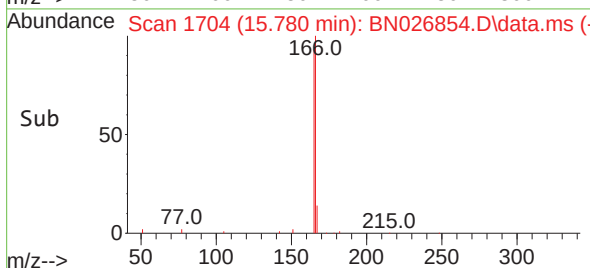
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

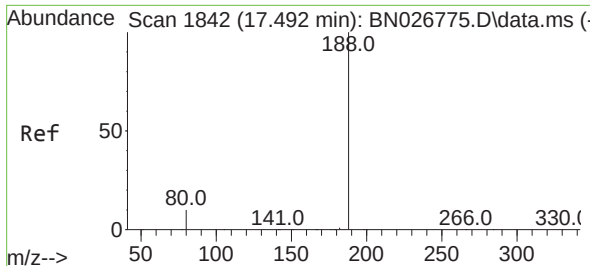


#18
Fluorene
Concen: 0.026 ng
RT: 15.780 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55



Tgt Ion:166 Resp: 1588
Ion Ratio Lower Upper
166 100
165 109.3 79.0 118.6
167 15.4 10.9 16.3





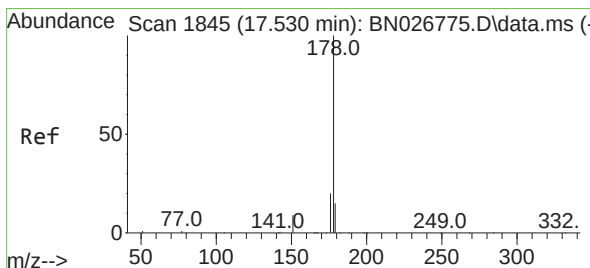
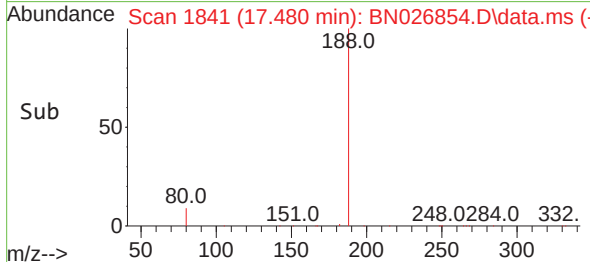
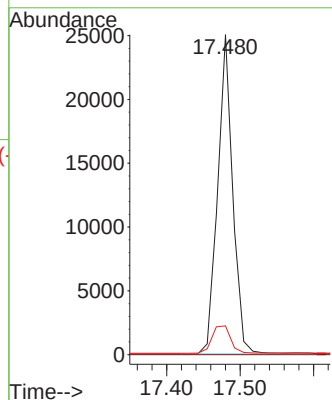
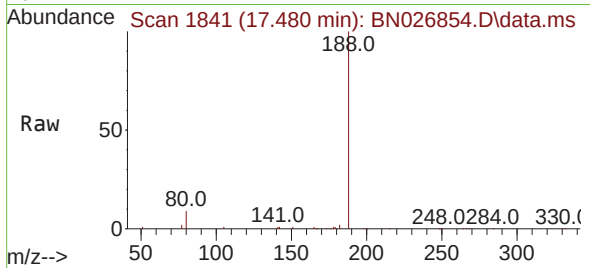
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)

Tgt Ion:188 Resp: 3558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.0 8.0 12.0

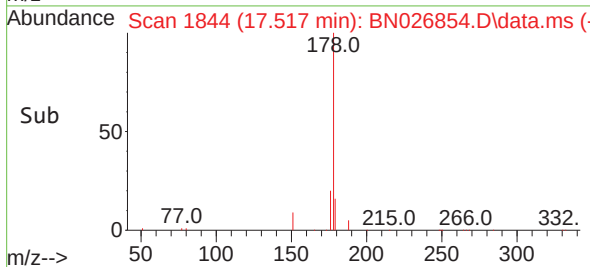
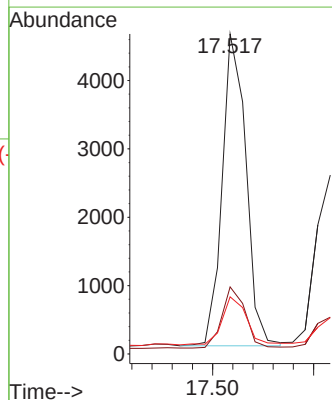
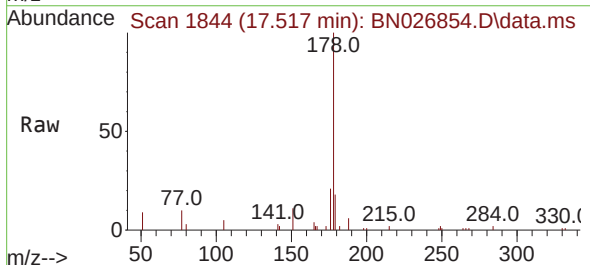
Manual Integrations
APPROVED

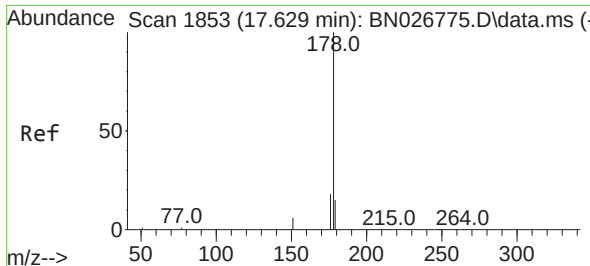
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#25
Phenanthrene
Concen: 0.069 ng
RT: 17.517 min Scan# 1844
Delta R.T. -0.013 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

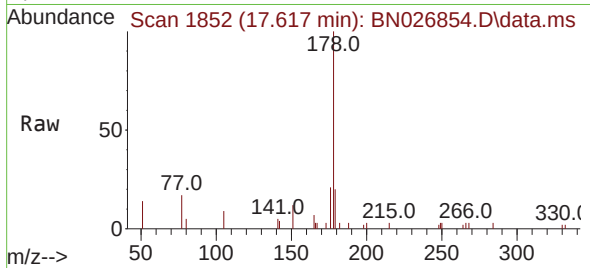
Tgt Ion:178 Resp: 7460
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.0 12.2 18.2





#26
 Anthracene
 Concen: 0.048 ng
 RT: 17.617 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BN026854.D
 Acq: 08 Aug 2023 19:55

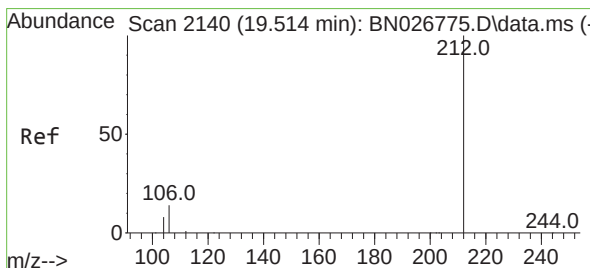
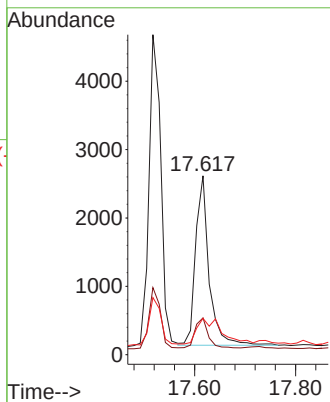
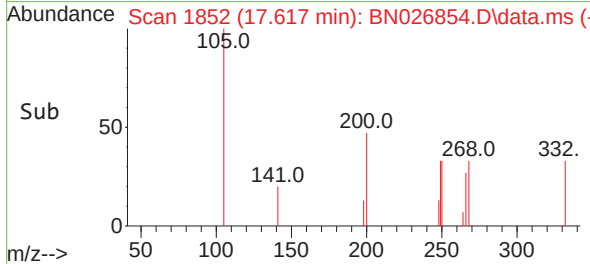
Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-11-(10-15)



Tgt Ion:178 Resp: 4612
 Ion Ratio Lower Upper
 178 100
 176 17.0 14.9 22.3
 179 27.4 12.2 18.2

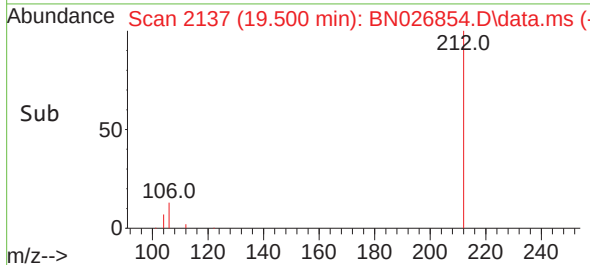
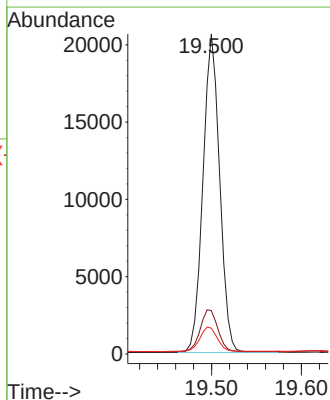
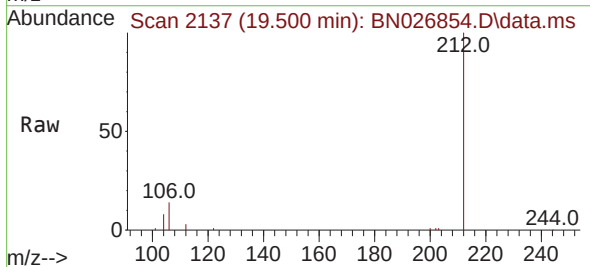
Manual Integrations
 APPROVED

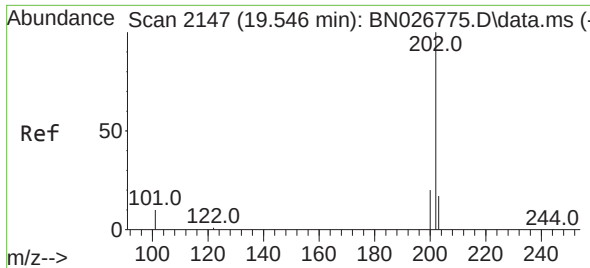
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023



#27
 Fluoranthene-d10
 Concen: 0.312 ng
 RT: 19.500 min Scan# 2137
 Delta R.T. -0.005 min
 Lab File: BN026854.D
 Acq: 08 Aug 2023 19:55

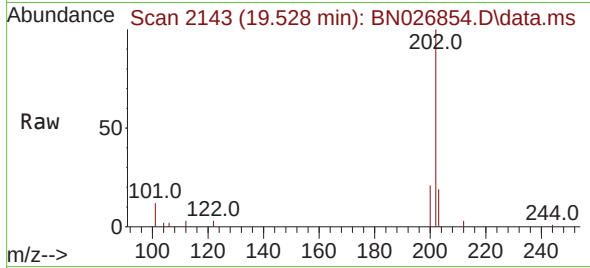
Tgt Ion:212 Resp: 26674
 Ion Ratio Lower Upper
 212 100
 106 14.1 11.7 17.5
 104 7.9 6.4 9.6





#28
Fluoranthene
Concen: 0.095 ng
RT: 19.528 min Scan# 2143
Delta R.T. -0.005 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

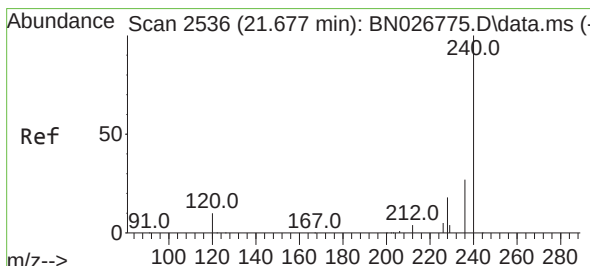
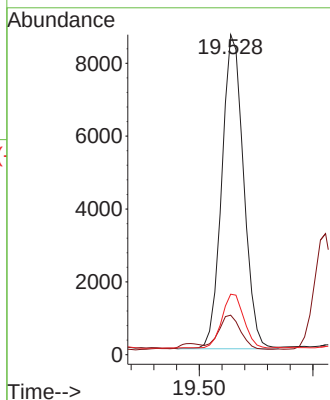
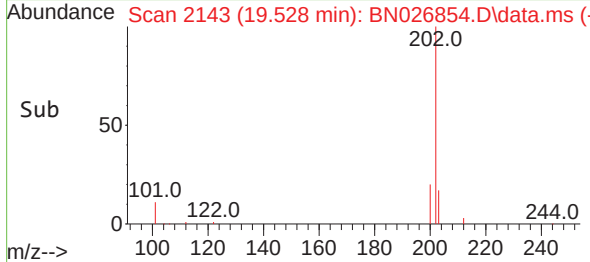
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



Tgt Ion:202 Resp: 1148
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
203 17.5 13.7 20.5

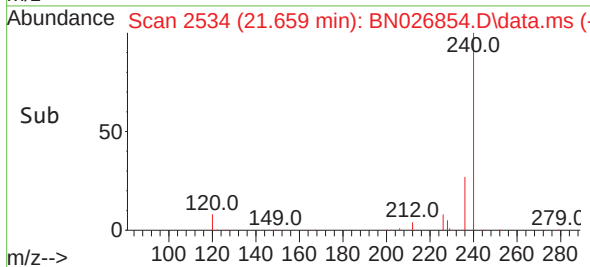
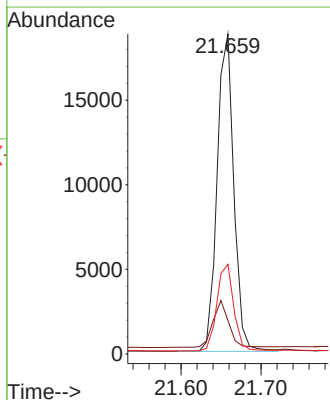
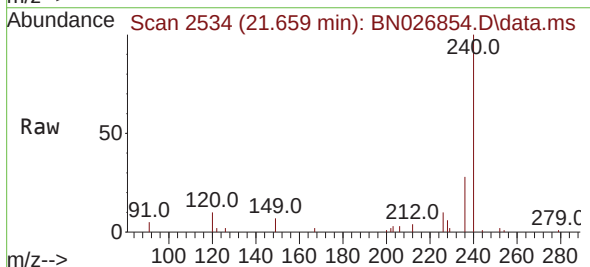
Manual Integrations
APPROVED

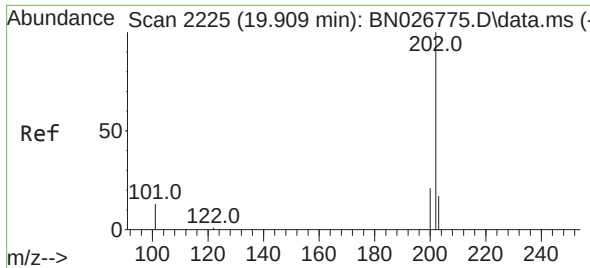
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.659 min Scan# 2534
Delta R.T. -0.009 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

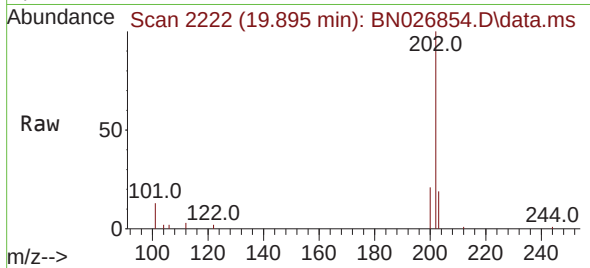
Tgt Ion:240 Resp: 27277
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 28.0 21.9 32.9





#30
Pyrene
Concen: 0.119 ng
RT: 19.895 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

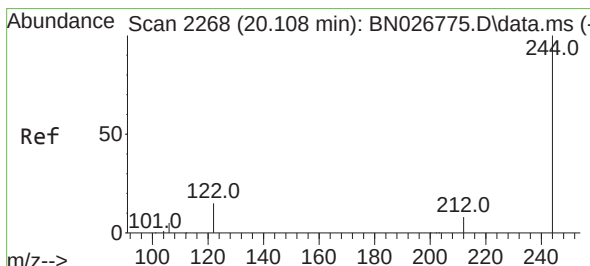
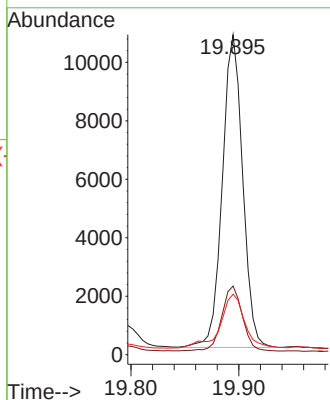
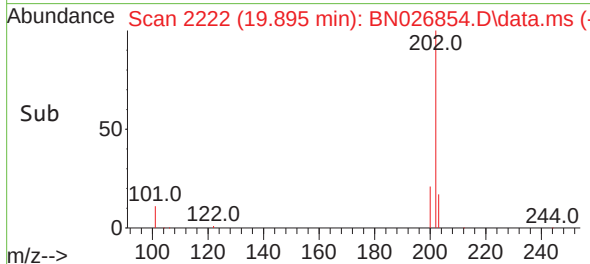
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



Tgt Ion:202 Resp: 14010
Ion Ratio Lower Upper
202 100
200 21.0 16.8 25.2
203 20.7 14.2 21.2

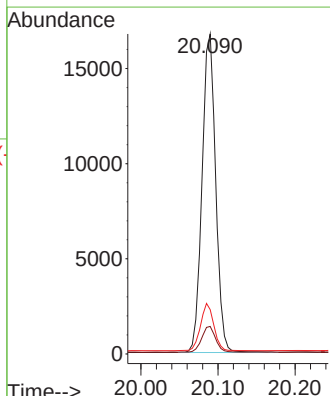
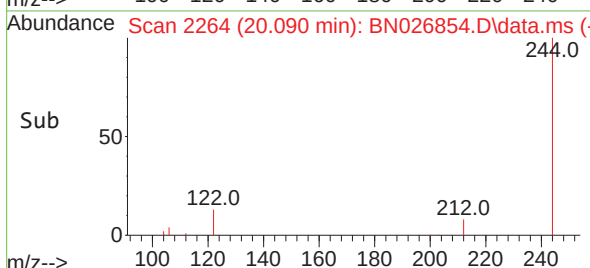
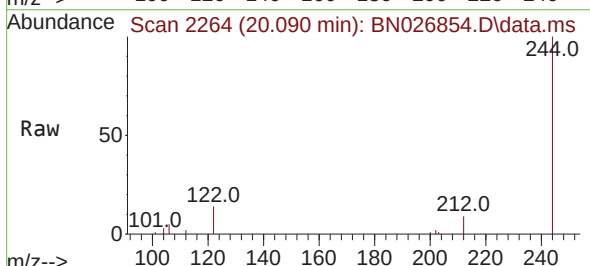
Manual Integrations
APPROVED

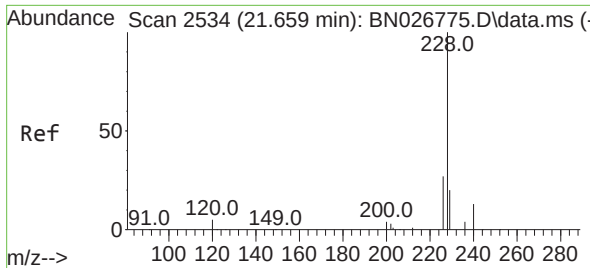
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#31
Terphenyl-d14
Concen: 0.362 ng
RT: 20.090 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

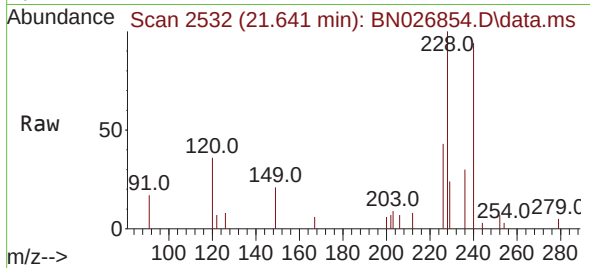
Tgt Ion:244 Resp: 20608
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.4
122 13.8 12.3 18.5





#32
Benzo(a)anthracene
Concen: 0.090 ng
RT: 21.641 min Scan# 21641
Delta R.T. -0.009 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

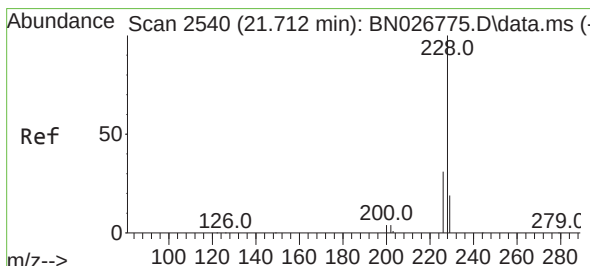
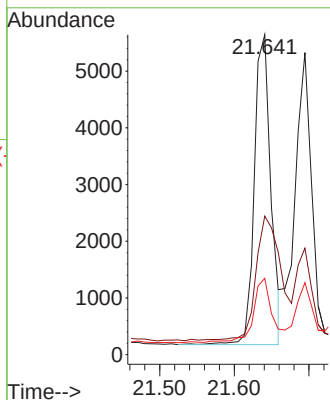
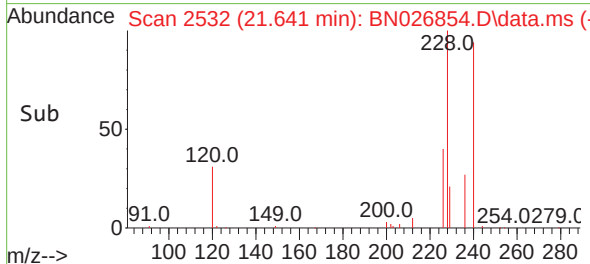
Instrument : BNA_N
ClientSampleId : BUILDING-B-11-(10-15)



Tgt Ion:228 Resp: 8404
Ion Ratio Lower Upper
228 100
226 43.3 21.9 32.9
229 23.8 15.8 23.8

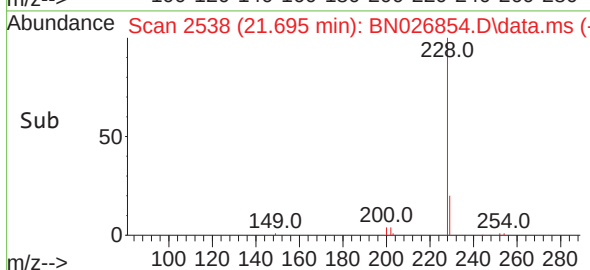
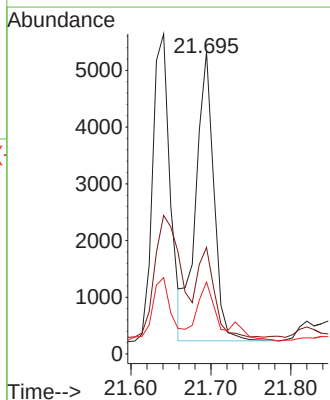
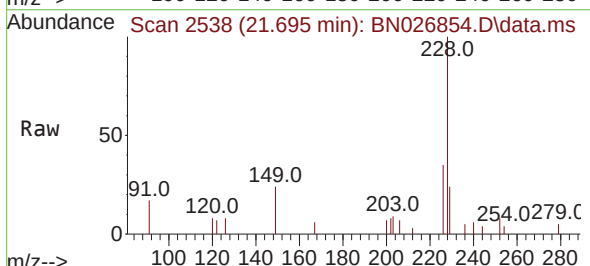
Manual Integrations
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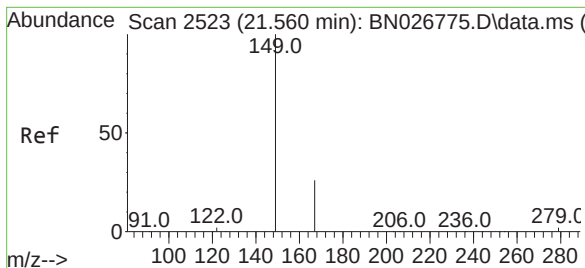
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#33
Chrysene
Concen: 0.077 ng
RT: 21.695 min Scan# 2538
Delta R.T. -0.009 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

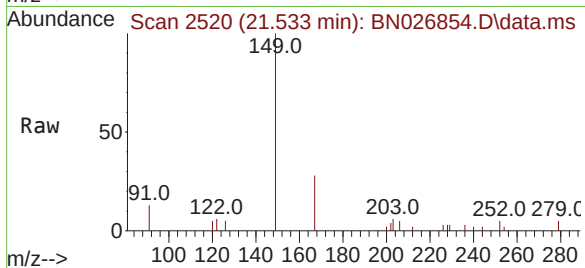
Tgt Ion:228 Resp: 7979
Ion Ratio Lower Upper
228 100
226 35.3 24.6 36.8
229 23.8 15.4 23.2





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.257 ng
 RT: 21.533 min Scan# 2153
 Delta R.T. -0.009 min
 Lab File: BN026854.D
 Acq: 08 Aug 2023 19:55

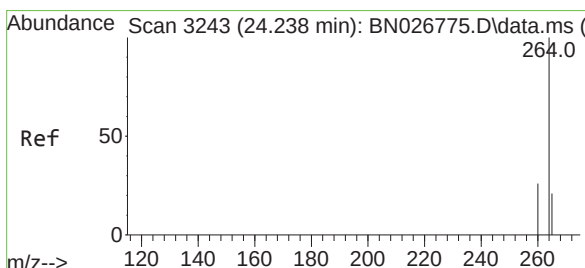
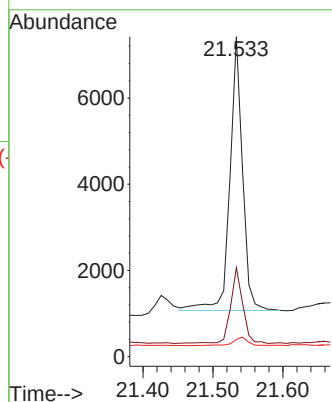
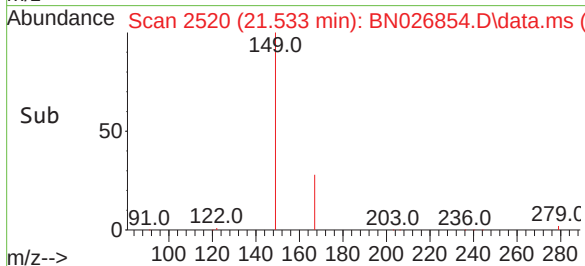
Instrument :
 BNA_N
 ClientSampleId :
 BUILDING-B-11-(10-15)



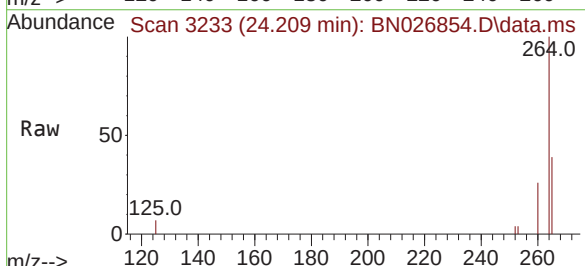
Tgt Ion:149 Resp: 7985
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.8 31.2
 279 3.7 2.4 3.6

Manual Integrations
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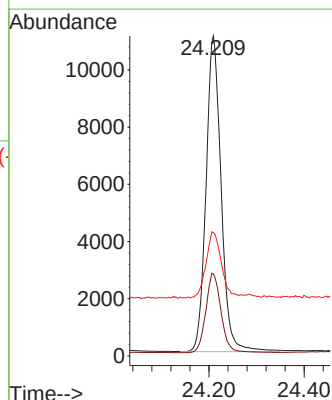
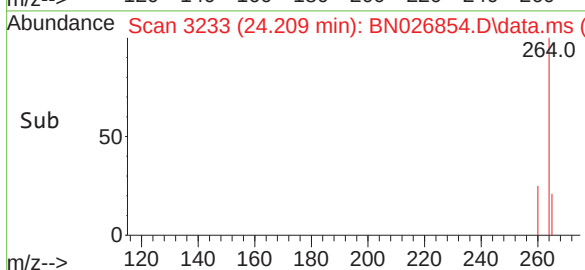
Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

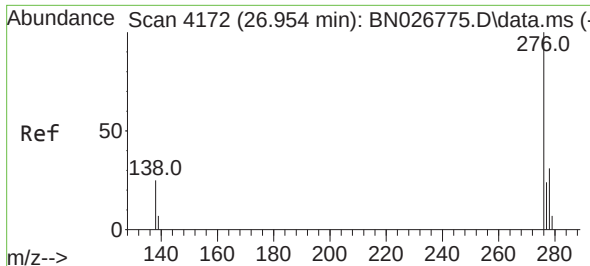


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.209 min Scan# 3233
 Delta R.T. -0.018 min
 Lab File: BN026854.D
 Acq: 08 Aug 2023 19:55



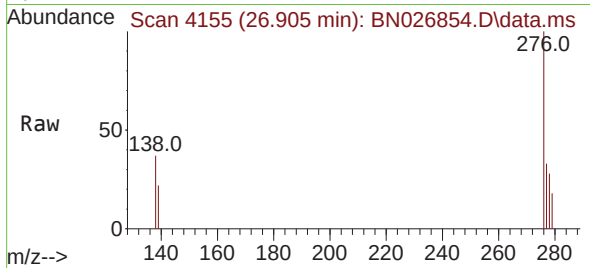
Tgt Ion:264 Resp: 24323
 Ion Ratio Lower Upper
 264 100
 260 25.7 21.0 31.6
 265 38.6 22.6 33.8





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.049 ng
RT: 26.905 min Scan# 4172
Delta R.T. -0.026 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

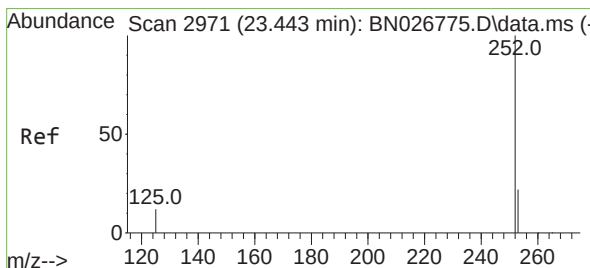
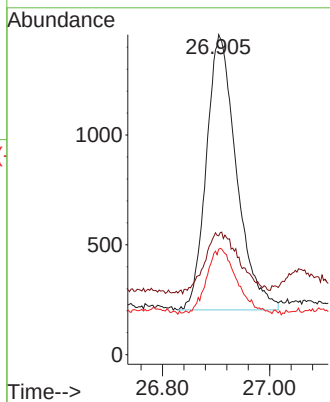
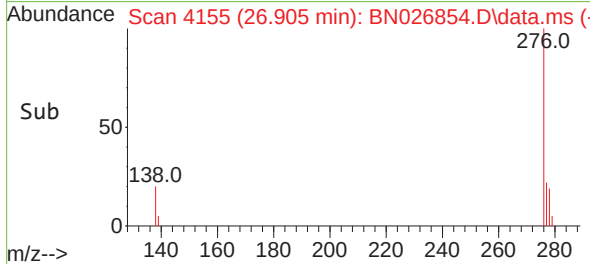
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



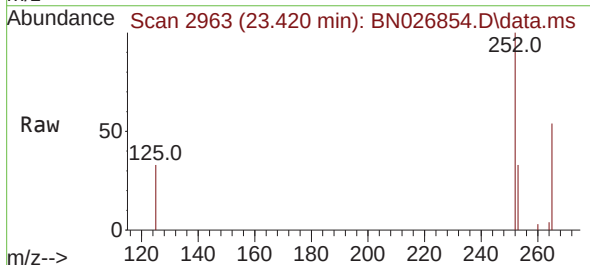
Tgt Ion:276 Resp: 4870
Ion Ratio Lower Upper
276 100
138 10.8 22.8 34.2#
277 23.5 19.9 29.9

Manual Integrations
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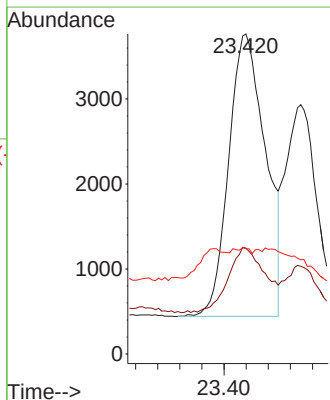
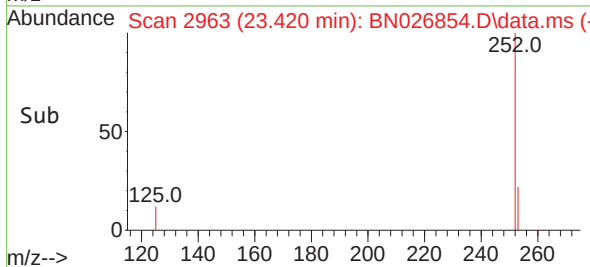
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023

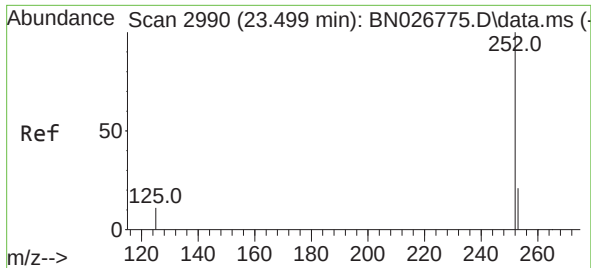


#37
Benzo(b)fluoranthene
Concen: 0.080 ng
RT: 23.420 min Scan# 2963
Delta R.T. -0.012 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55



Tgt Ion:252 Resp: 7653
Ion Ratio Lower Upper
252 100
253 33.1 17.8 26.8#
125 32.8 10.8 16.2#





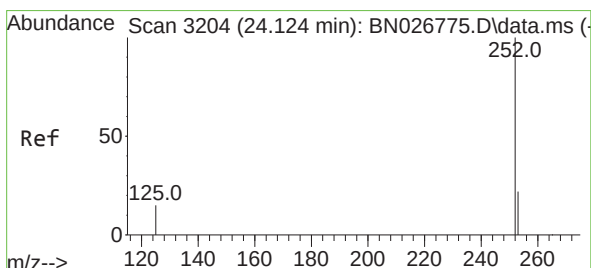
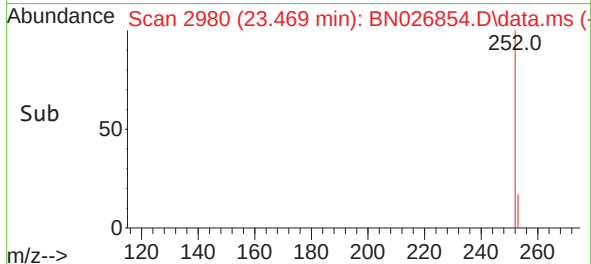
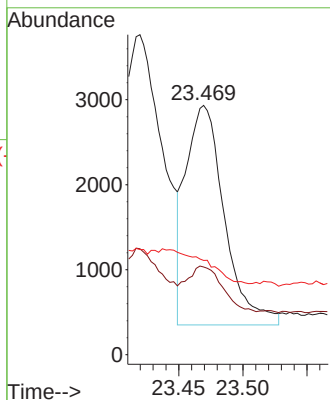
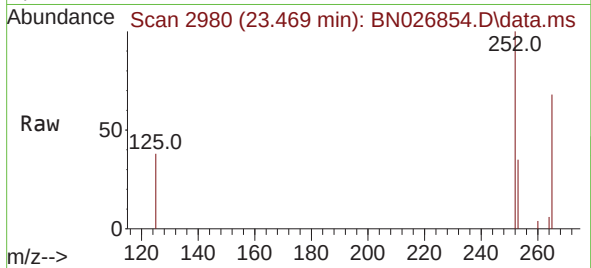
#38
Benzo(k)fluoranthene
Concen: 0.055 ng m
RT: 23.469 min Scan# 2990
Delta R.T. -0.015 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)

Tgt Ion:252 Resp: 539
Ion Ratio Lower Upper
252 100
253 35.2 18.0 27.0#
125 37.8 9.4 14.2#

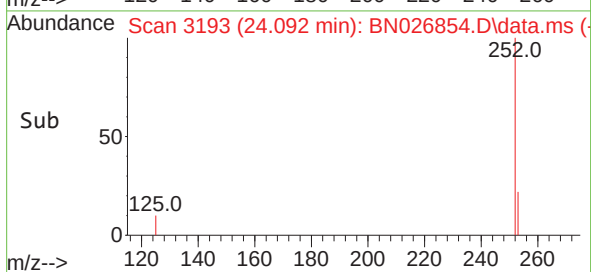
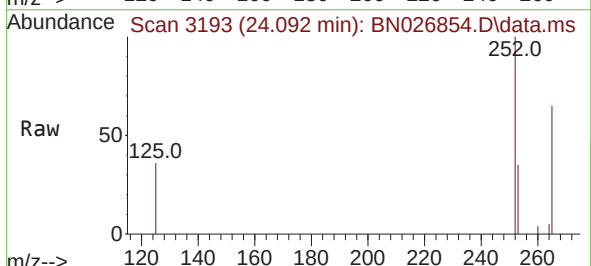
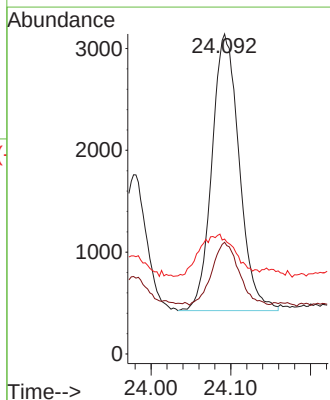
Manual Integrations
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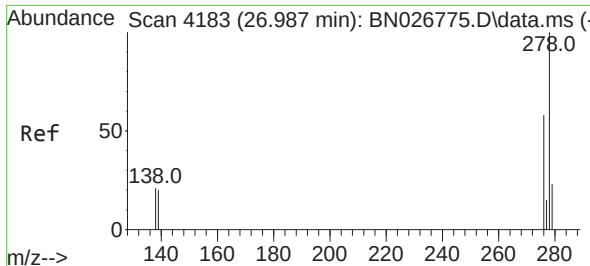
Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#39
Benzo(a)pyrene
Concen: 0.074 ng
RT: 24.092 min Scan# 3193
Delta R.T. -0.018 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

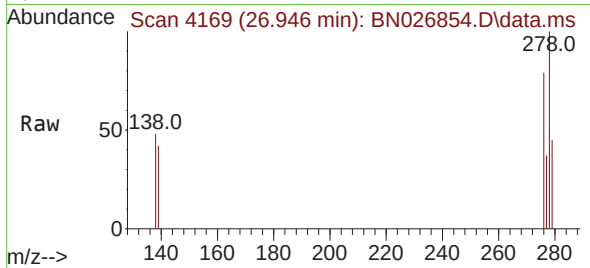
Tgt Ion:252 Resp: 6458
Ion Ratio Lower Upper
252 100
253 34.9 18.5 27.7#
125 35.9 12.7 19.1#





#40
Dibenzo(a,h)anthracene
Concen: 0.036 ng
RT: 26.946 min Scan# 4183
Delta R.T. -0.021 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55

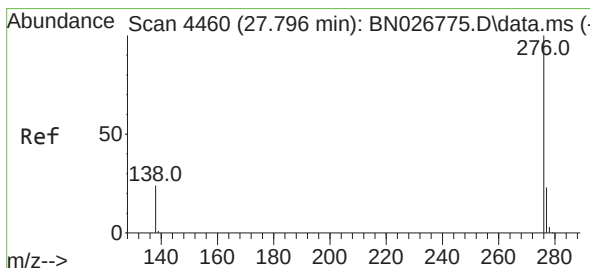
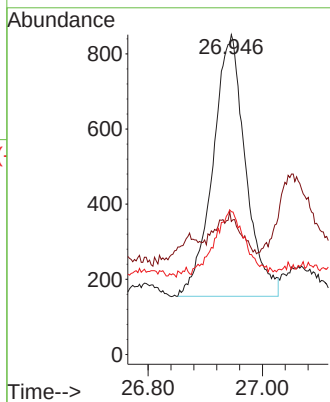
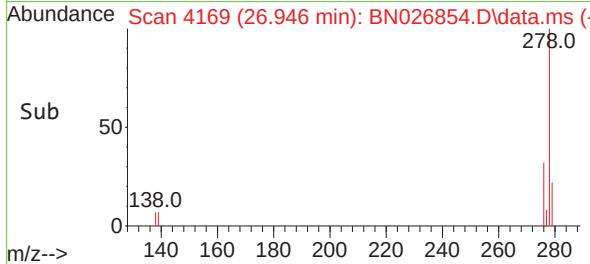
Instrument :
BNA_N
ClientSampleId :
BUILDING-B-11-(10-15)



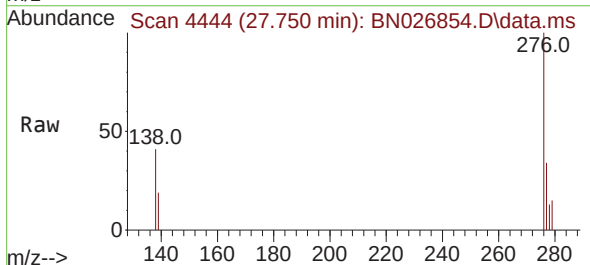
Tgt Ion: 278 Resp: 275
Ion Ratio Lower Upper
278 100
139 41.6 16.8 25.2
279 44.7 19.5 29.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/09/2023
Supervised By :mohammad ahmed 08/09/2023



#41
Benzo(g,h,i)perylene
Concen: 0.048 ng
RT: 27.750 min Scan# 4444
Delta R.T. -0.021 min
Lab File: BN026854.D
Acq: 08 Aug 2023 19:55



Tgt Ion: 276 Resp: 4340
Ion Ratio Lower Upper
276 100
277 34.2 19.1 28.7#
138 41.2 19.8 29.6#

