

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028378.D
 Acq On : 24 Oct 2023 14:59
 Operator : MA/JU
 Sample : PB156521BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156521BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:05:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	4756	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	15541	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	7233	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	11174	0.400	ng	#-0.01
29) Chrysene-d12	21.488	240	9086	0.400	ng	0.00
35) Perylene-d12	23.931	264	11132	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3769	0.255	ng	0.00
5) Phenol-d6	7.048	99	4587	0.252	ng	0.00
8) Nitrobenzene-d5	9.080	82	3398	0.246	ng	-0.02
11) 2-Methylnaphthalene-d10	12.279	152	10019m	0.429	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	594	0.168	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7567	0.297	ng	-0.02
27) Fluoranthene-d10	19.323	212	6612	0.221	ng	0.00
31) Terphenyl-d14	19.908	244	5314	0.276	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2208	0.384	ng	# 80
3) n-Nitrosodimethylamine	3.653	42	3394	0.541	ng	98
6) bis(2-Chloroethyl)ether	7.322	93	7500	0.535	ng	100
9) Naphthalene	10.735	128	21271	0.528	ng	99
10) Hexachlorobutadiene	10.959	225	3704	0.535	ng	# 99
12) 2-Methylnaphthalene	12.351	142	13253	0.463	ng	98
16) Acenaphthylene	14.255	152	19455	0.599	ng	98
17) Acenaphthene	14.587	154	10780	0.526	ng	99
18) Fluorene	15.581	166	12823	0.476	ng	99
20) 4,6-Dinitro-2-methylph...	15.841	198	4	0.185	ng	# 1
21) 4-Bromophenyl-phenylether	16.474	248	3404	0.592	ng	98
22) Hexachlorobenzene	16.549	284	3437	0.580	ng	99
23) Atrazine	16.748	200	3077	0.570	ng	99
24) Pentachlorophenol	16.934	266	2270m	0.839	ng	
25) Phenanthrene	17.331	178	16043	0.525	ng	99
26) Anthracene	17.418	178	14760	0.505	ng	99
28) Fluoranthene	19.351	202	16776	0.437	ng	# 92
30) Pyrene	19.718	202	17263	0.555	ng	99
32) Benzo(a)anthracene	21.470	228	17588	0.545	ng	99
33) Chrysene	21.524	228	16637	0.539	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	11109	0.451	ng	98
36) Indeno(1,2,3-cd)pyrene	26.492	276	23698	0.528	ng	100
37) Benzo(b)fluoranthene	23.174	252	18672	0.537	ng	98
38) Benzo(k)fluoranthene	23.221	252	18270	0.516	ng	97
39) Benzo(a)pyrene	23.823	252	17209	0.497	ng	96
40) Dibenzo(a,h)anthracene	26.504	278	19394	0.532	ng	98
41) Benzo(g,h,i)perylene	27.293	276	19431	0.517	ng	99

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

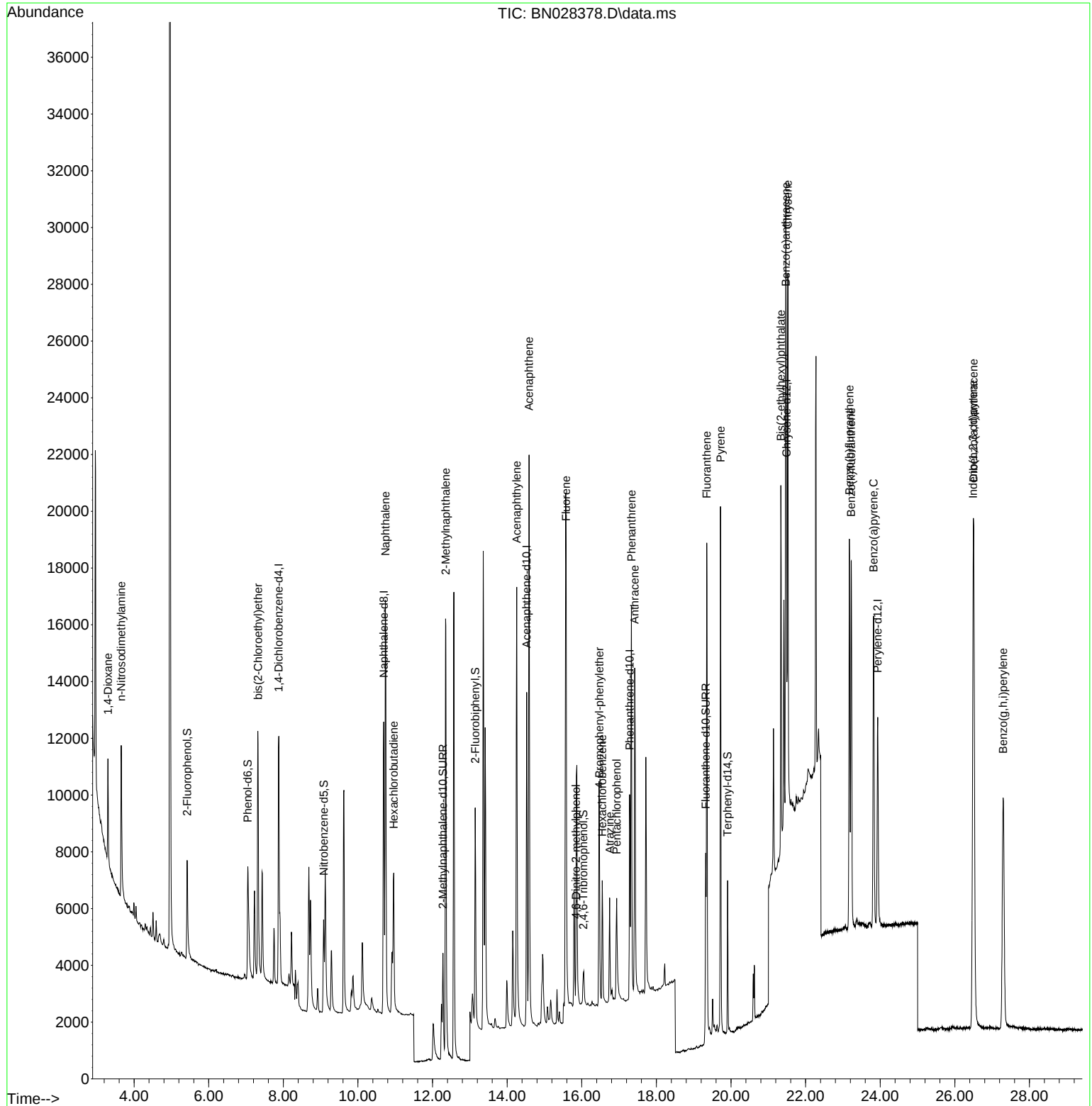
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028378.D
 Acq On : 24 Oct 2023 14:59
 Operator : MA/JU
 Sample : PB156521BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

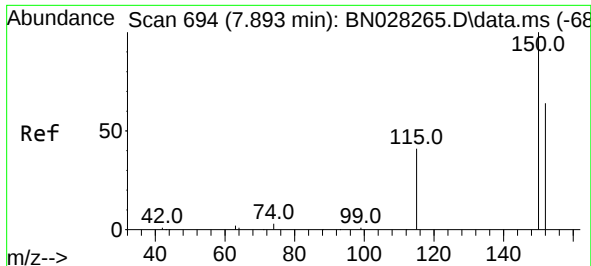
Instrument :
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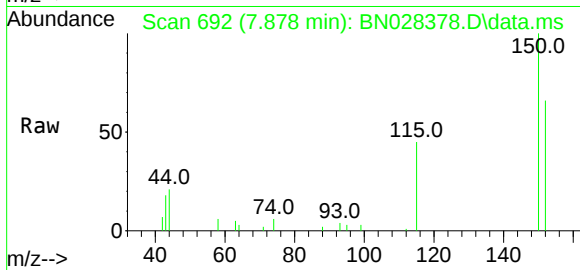
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 15:14:08 2023
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.878 min Scan# 694
Delta R.T. 0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

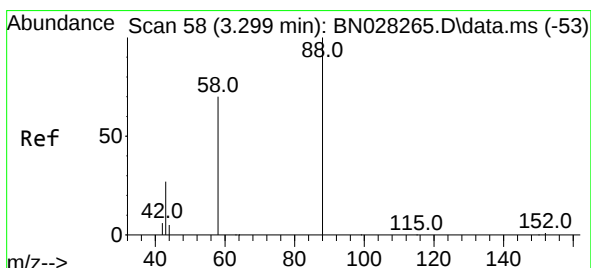
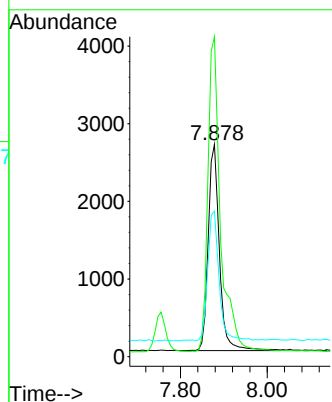
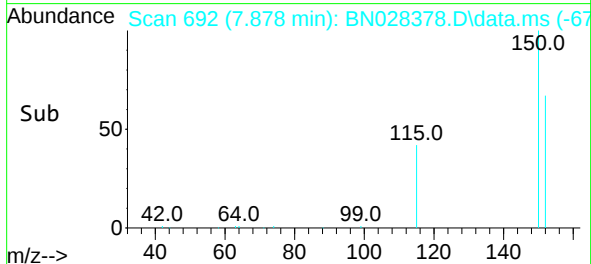
Instrument :
BNA_N
ClientSampleId :
PB156521BS



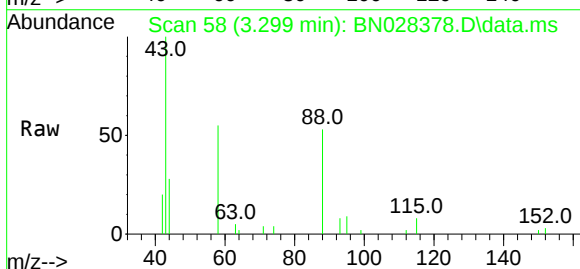
Tgt Ion:152 Resp: 4750
Ion Ratio Lower Upper
152 100
150 150.7 121.6 182.4
115 68.5 54.3 81.5

Manual Integrations
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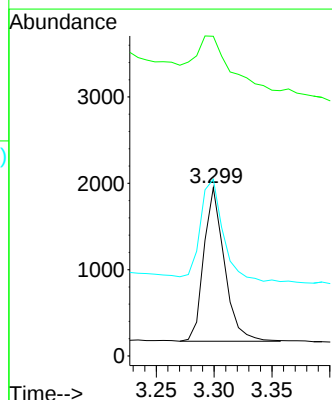
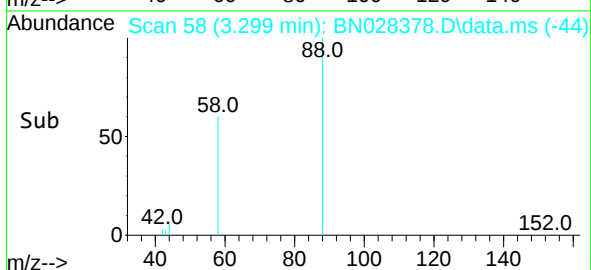
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

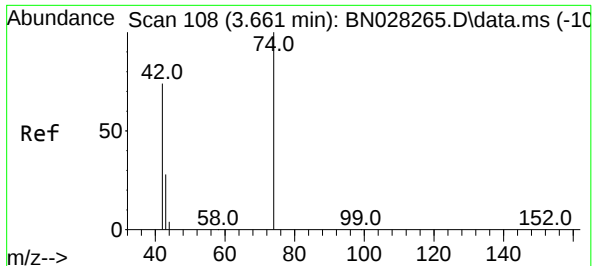


#2
1,4-Dioxane
Concen: 0.384 ng
RT: 3.299 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



Tgt Ion: 88 Resp: 2208
Ion Ratio Lower Upper
88 100
43 60.8 26.6 39.8
58 73.9 55.4 83.0





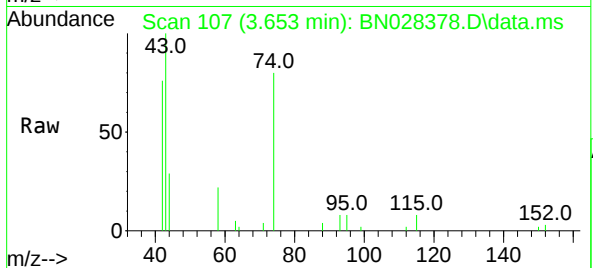
#3
n-Nitrosodimethylamine
Concen: 0.541 ng
RT: 3.653 min Scan# 108
Delta R.T. -0.014 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

ClientSampleId :

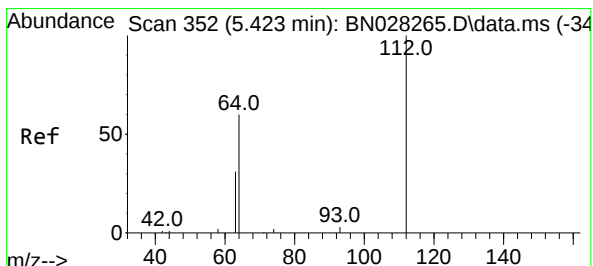
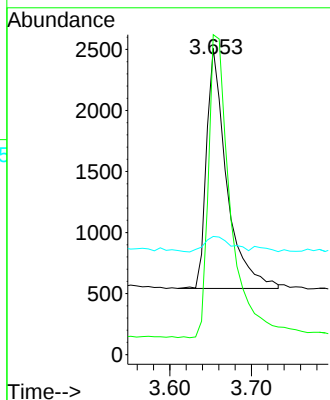
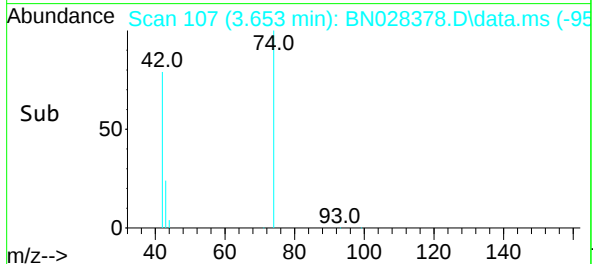
PB156521BS



Tgt Ion: 42 Resp: 3394
Ion Ratio Lower Upper
42 100
74 137.8 112.6 168.8
44 8.3 7.8 11.6

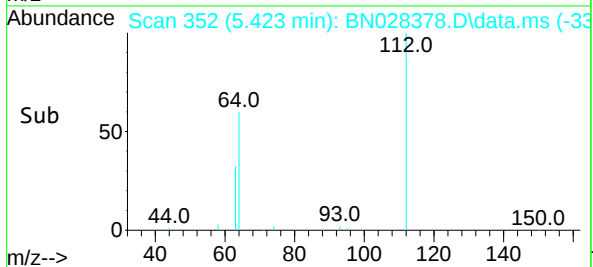
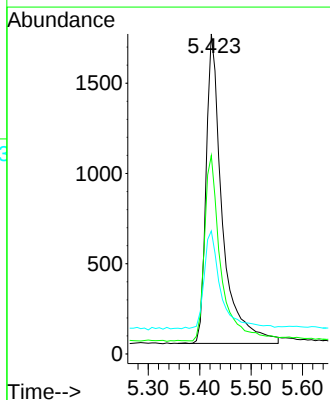
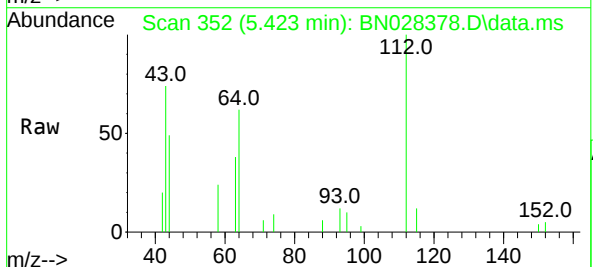
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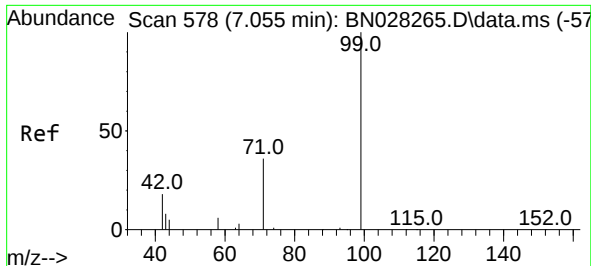
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#4
2-Fluorophenol
Concen: 0.255 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

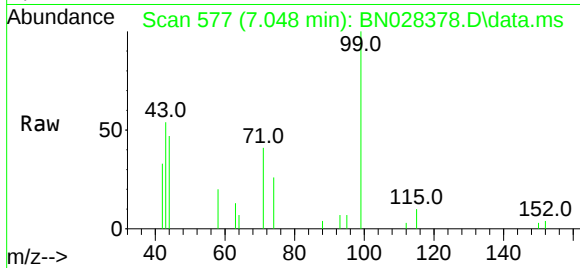
Tgt Ion:112 Resp: 3769
Ion Ratio Lower Upper
112 100
64 60.4 46.9 70.3
63 31.7 25.0 37.4





#5
Phenol-d6
Concen: 0.252 ng
RT: 7.048 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

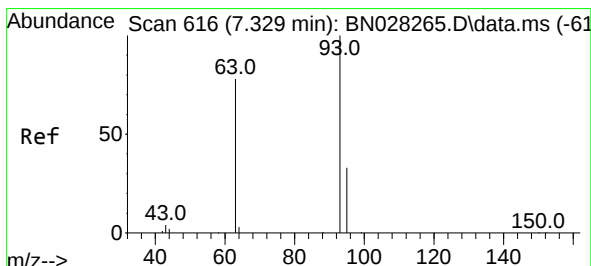
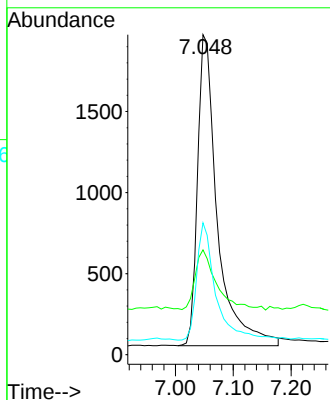
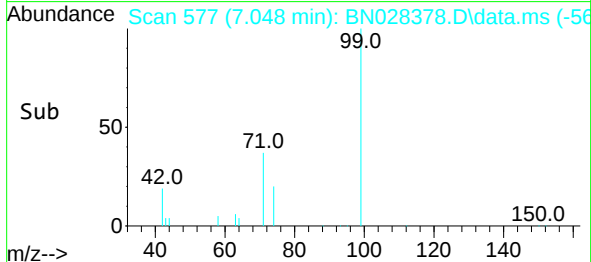
Instrument :
BNA_N
ClientSampleId :
PB156521BS



Tgt Ion: 99 Resp: 458
Ion Ratio Lower Upper
99 100
42 20.9 15.9 23.9
71 36.2 28.6 42.8

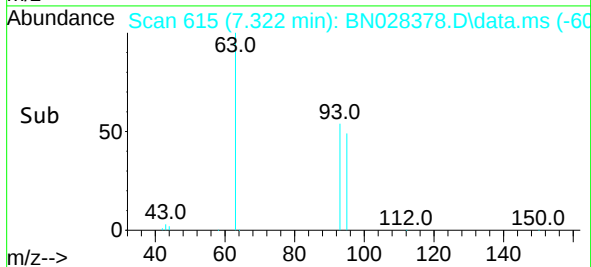
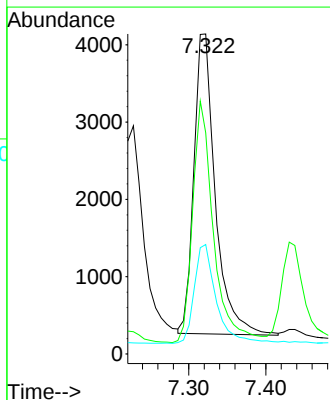
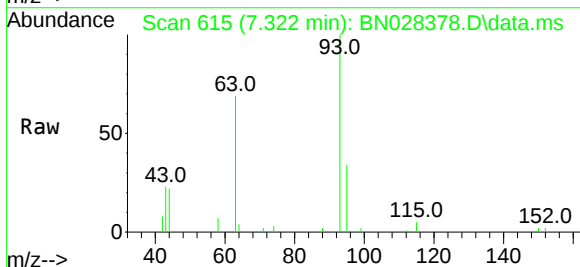
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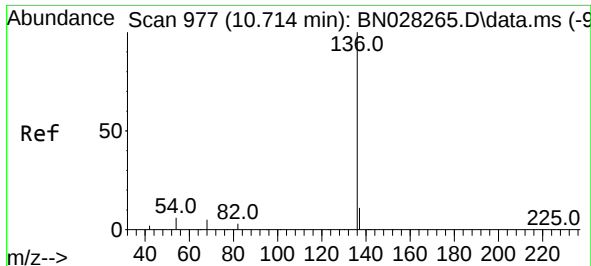
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.535 ng
RT: 7.322 min Scan# 615
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion: 93 Resp: 7500
Ion Ratio Lower Upper
93 100
63 78.1 62.6 93.8
95 33.8 27.2 40.8





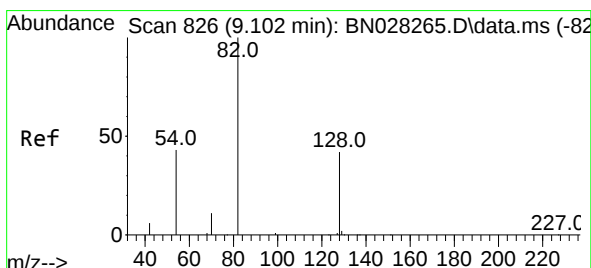
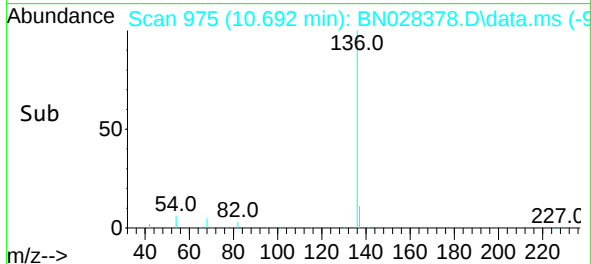
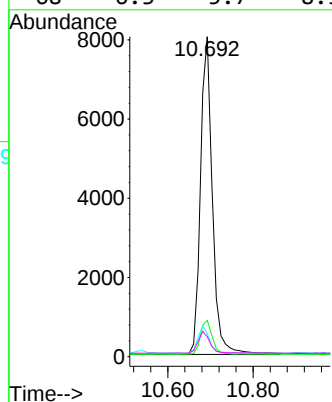
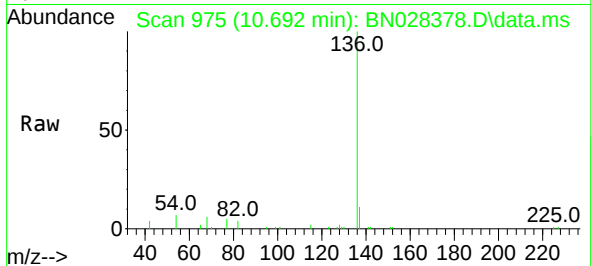
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.692 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

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ClientSampleId :
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Tgt Ion:	136	Resp:	1554
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.8	14.8
54	7.2	6.2	9.4
68	6.3	5.7	8.5

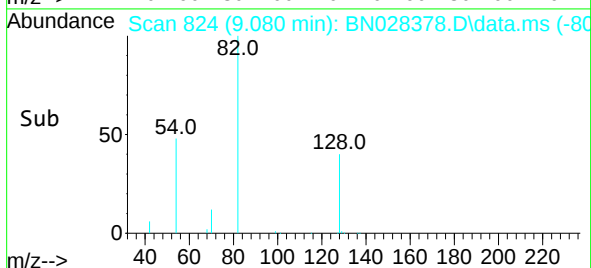
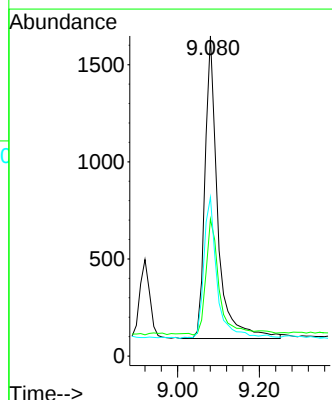
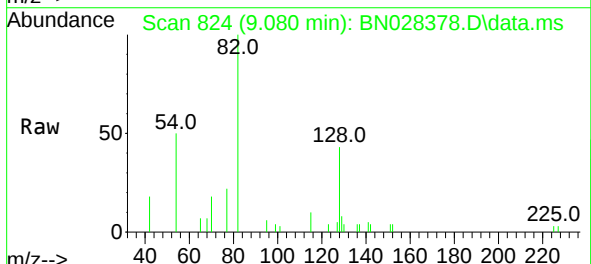
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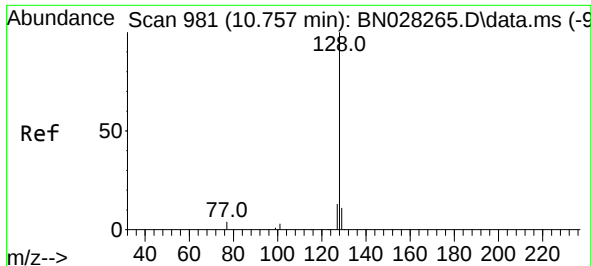
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Nitrobenzene-d5
Concen: 0.246 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:	82	Resp:	3398
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.8	55.2
54	49.6	37.4	56.2





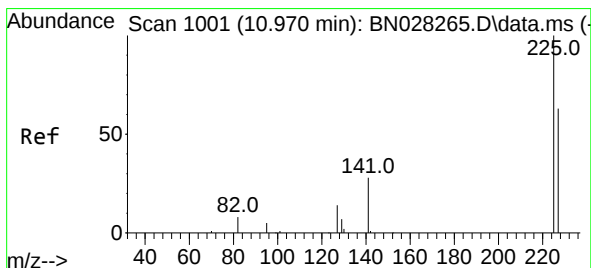
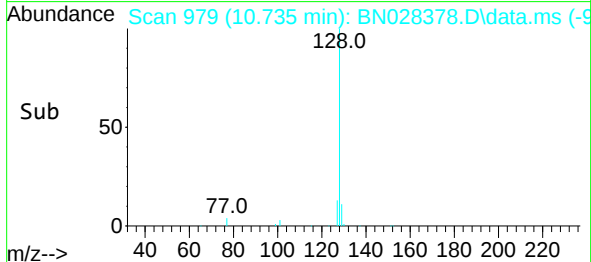
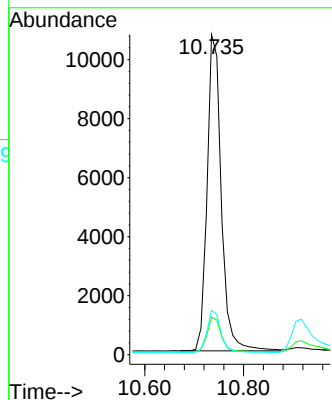
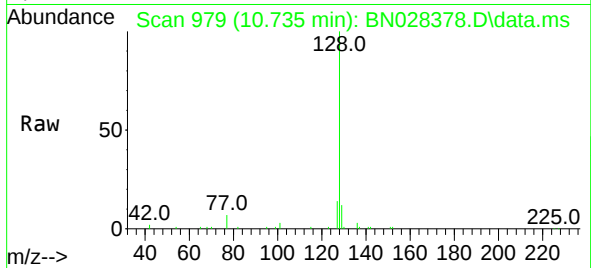
#9
Naphthalene
Concen: 0.528 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB156521BS

Tgt Ion:128 Resp: 2127
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.9 11.4 17.0

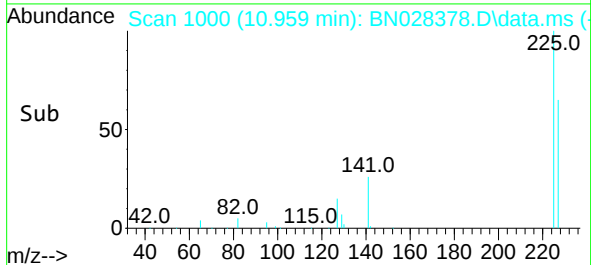
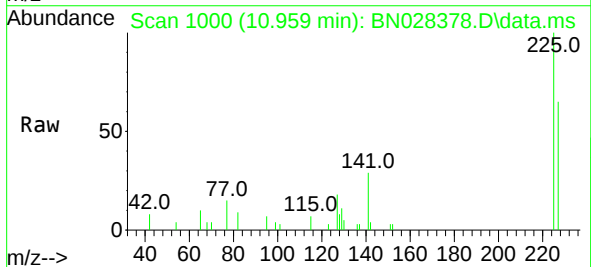
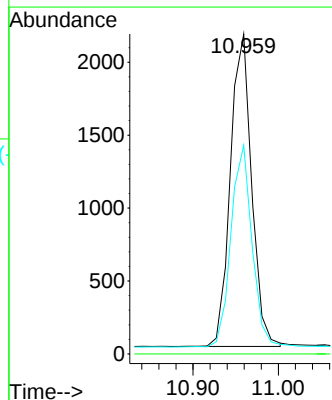
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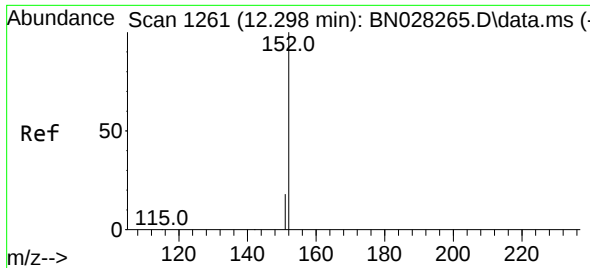
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#10
Hexachlorobutadiene
Concen: 0.535 ng
RT: 10.959 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

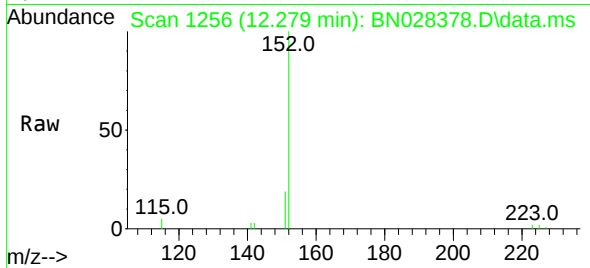
Tgt Ion:225 Resp: 3704
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 51.6 77.4





#11
2-Methylnaphthalene-d10
Concen: 0.429 ng m
RT: 12.279 min Scan# 1275
Delta R.T. -0.015 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

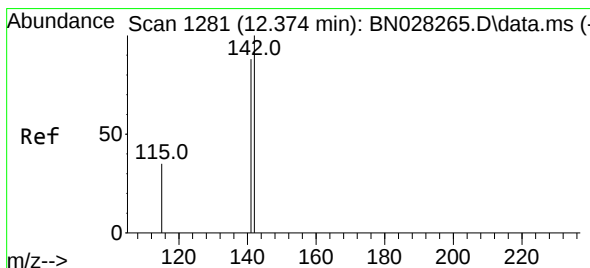
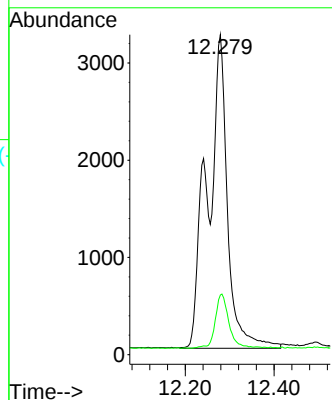
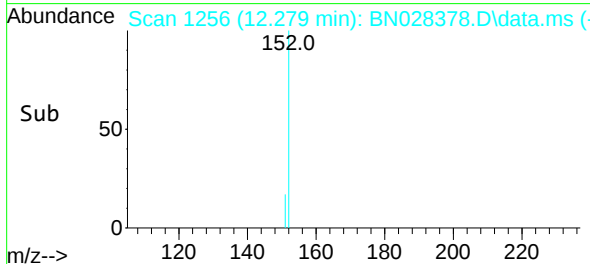
Instrument :
BNA_N
ClientSampleId :
PB156521BS



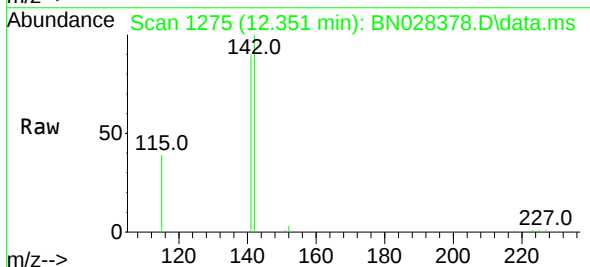
Tgt Ion:152 Resp: 10019
Ion Ratio Lower Upper
152 100
151 11.8 16.1 24.1

Manual Integrations
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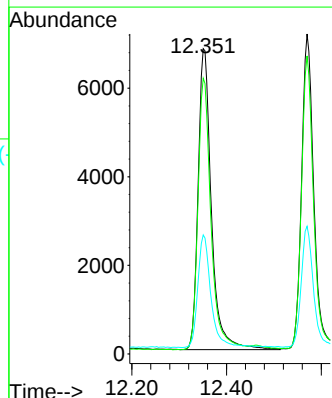
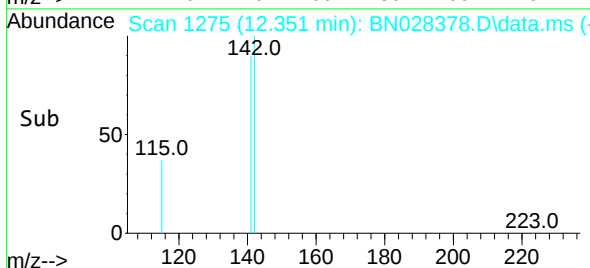
Reviewed By :Yogesh Patel 10/25/2023
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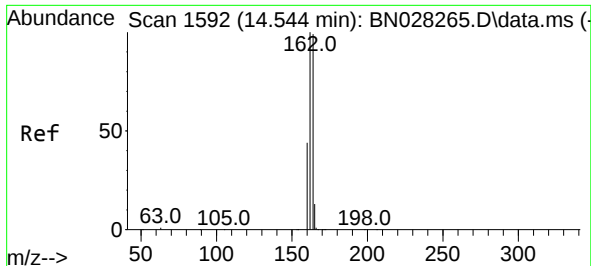


#12
2-Methylnaphthalene
Concen: 0.463 ng
RT: 12.351 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



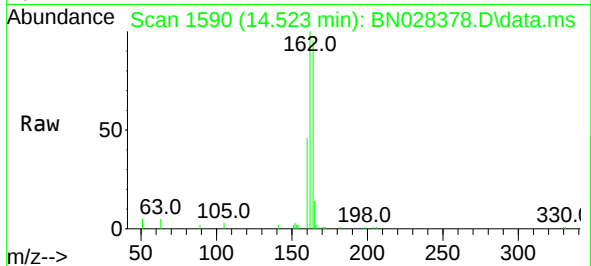
Tgt Ion:142 Resp: 13253
Ion Ratio Lower Upper
142 100
141 90.3 71.1 106.7
115 39.0 29.9 44.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

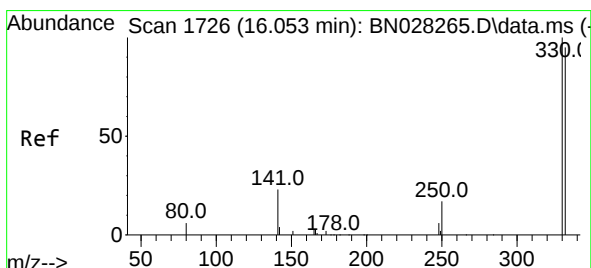
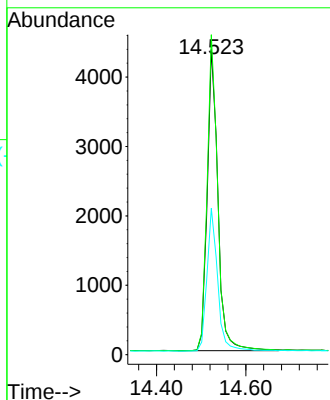
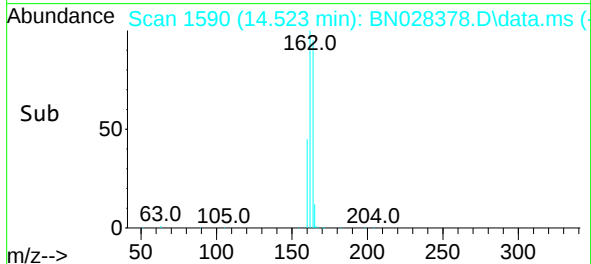
Instrument :
BNA_N
ClientSampleId :
PB156521BS



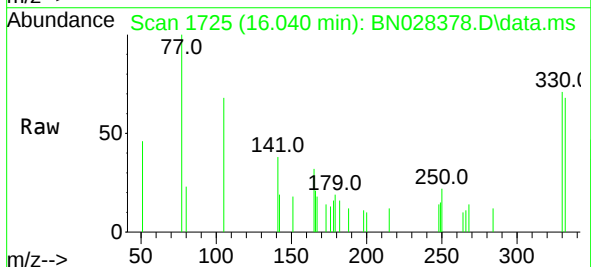
Tgt Ion:164 Resp: 723
Ion Ratio Lower Upper
164 100
162 104.8 81.1 121.7
160 47.9 36.6 54.8

Manual Integrations
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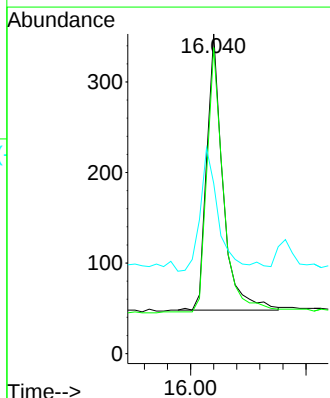
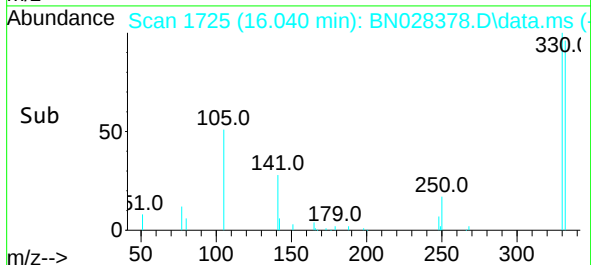
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

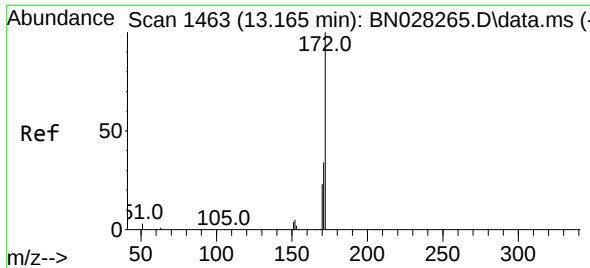


#14
2,4,6-Tribromophenol
Concen: 0.168 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



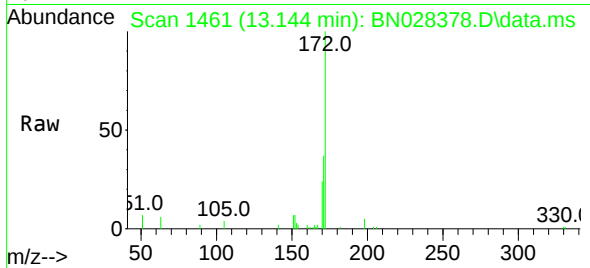
Tgt Ion:330 Resp: 594
Ion Ratio Lower Upper
330 100
332 96.8 74.1 111.1
141 51.3 32.1 48.1#





#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.144 min Scan# 1461
Delta R.T. -0.021 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

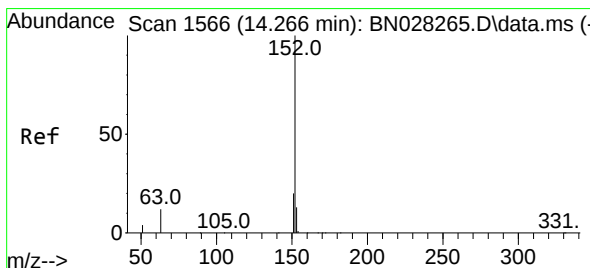
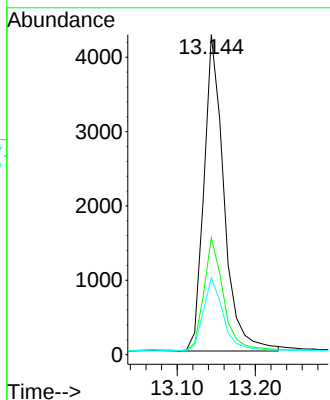
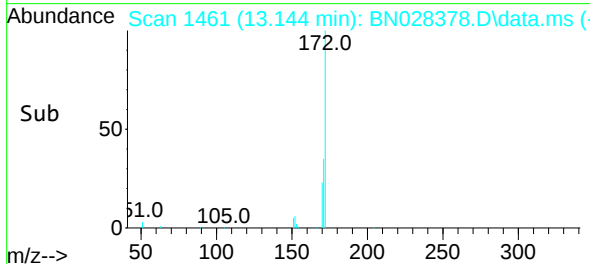
Instrument :
BNA_N
ClientSampleId :
PB156521BS



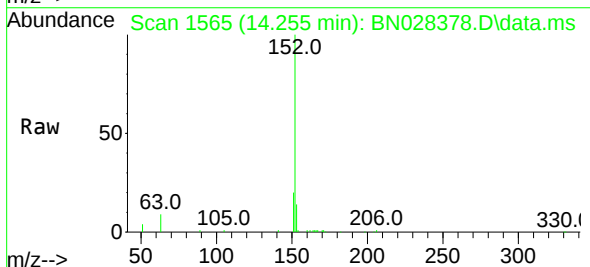
Tgt Ion:172 Resp: 756
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 24.1 18.7 28.1

Manual Integrations
APPROVED

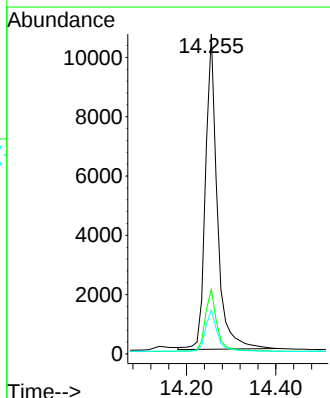
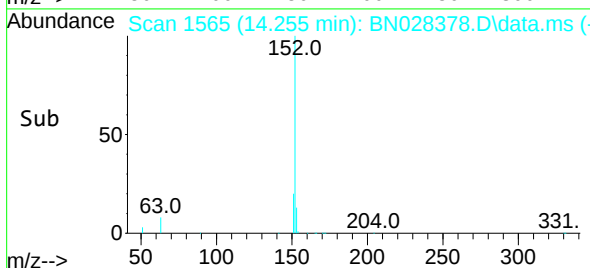
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

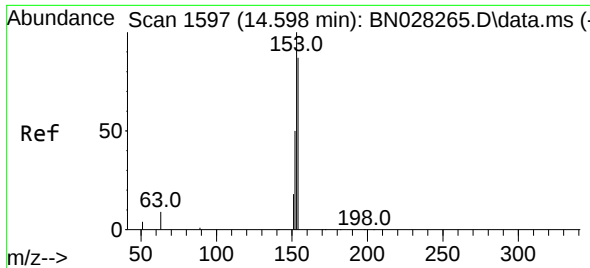


#16
Acenaphthylene
Concen: 0.599 ng
RT: 14.255 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



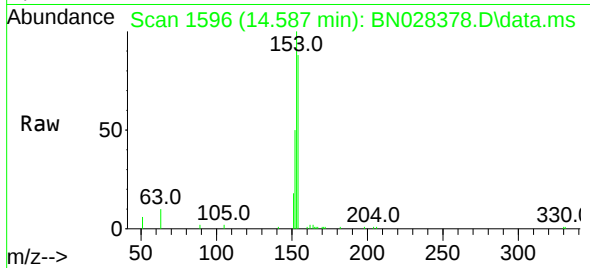
Tgt Ion:152 Resp: 19455
Ion Ratio Lower Upper
152 100
151 20.4 15.6 23.4
153 12.9 10.6 16.0





#17
Acenaphthene
Concen: 0.526 ng
RT: 14.587 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

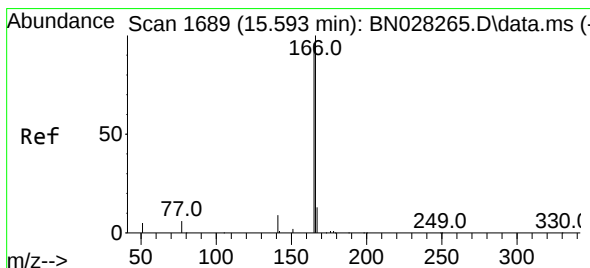
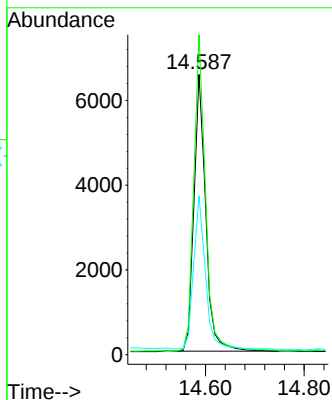
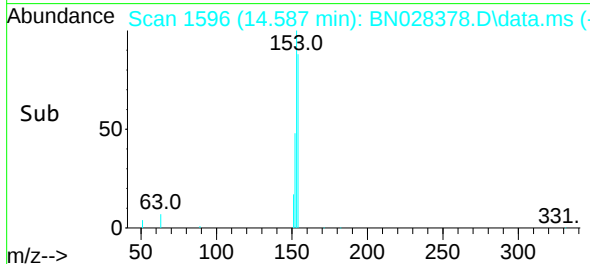
Instrument :
BNA_N
ClientSampleId :
PB156521BS



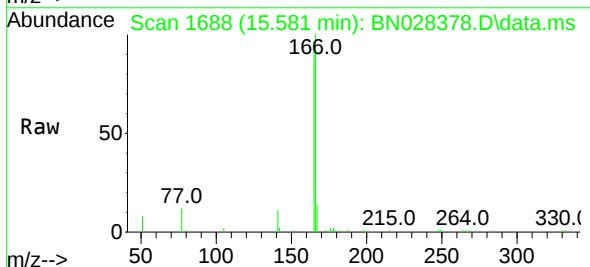
Tgt Ion:154 Resp: 10780
Ion Ratio Lower Upper
154 100
153 114.5 90.7 136.1
152 55.8 43.6 65.4

Manual Integrations
APPROVED

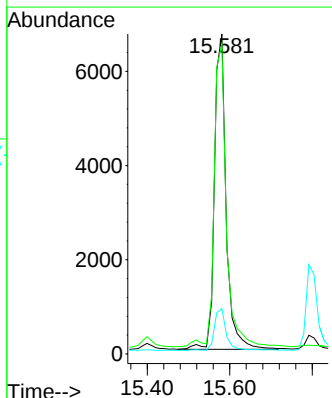
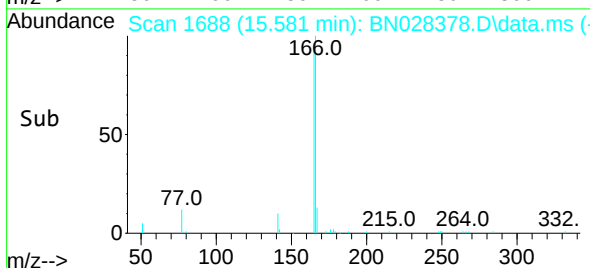
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

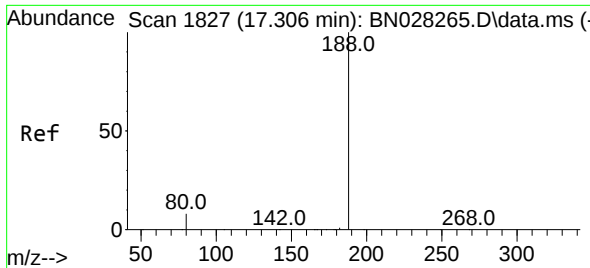


#18
Fluorene
Concen: 0.476 ng
RT: 15.581 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



Tgt Ion:166 Resp: 12823
Ion Ratio Lower Upper
166 100
165 100.1 79.3 118.9
167 13.9 10.9 16.3





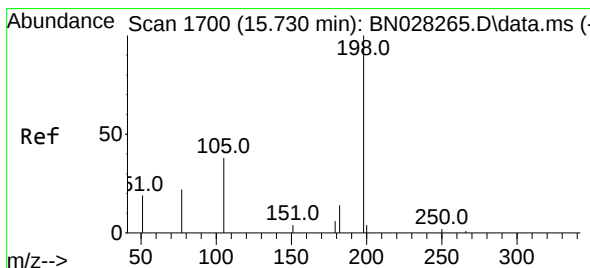
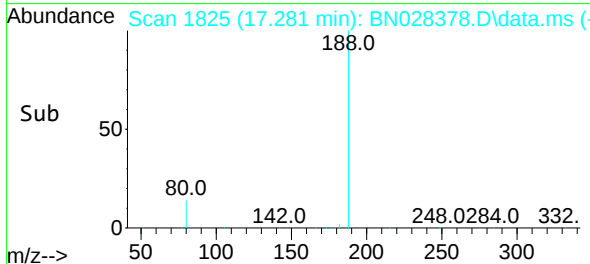
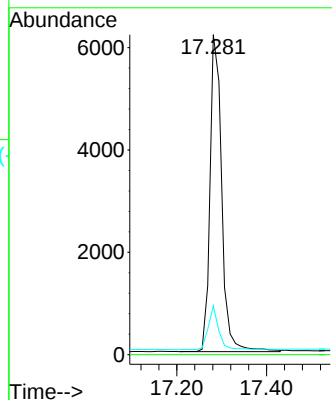
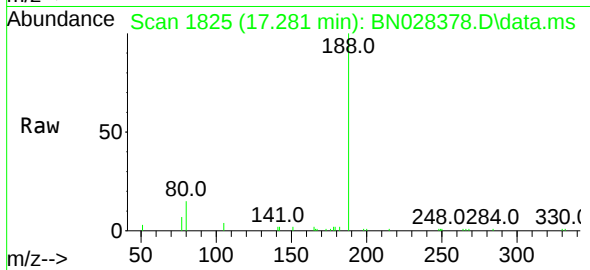
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 11174
Delta R.T. -0.012 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB156521BS

Tgt Ion:188 Resp: 11174
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 7.1 10.7

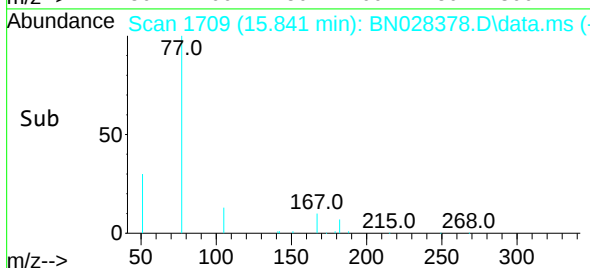
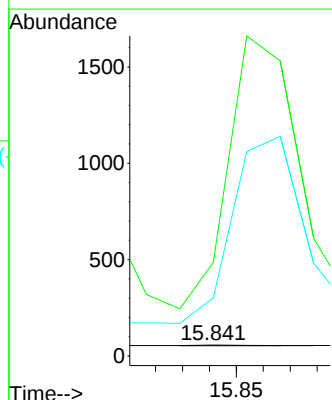
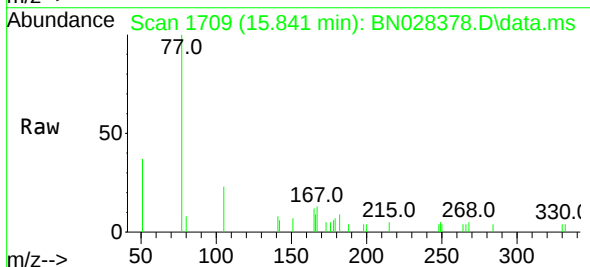
Manual Integrations
APPROVED

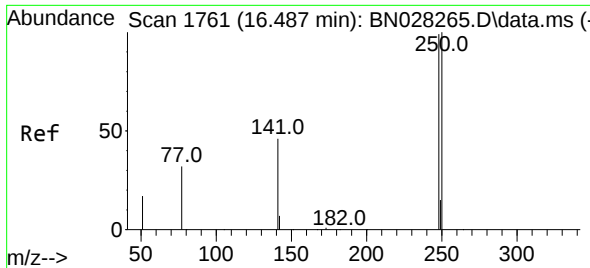
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.841 min Scan# 1709
Delta R.T. 0.037 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 867.9 96.1 144.1#
105 537.5 75.4 113.0#





#21
4-Bromophenyl-phenylether
Concen: 0.592 ng
RT: 16.474 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

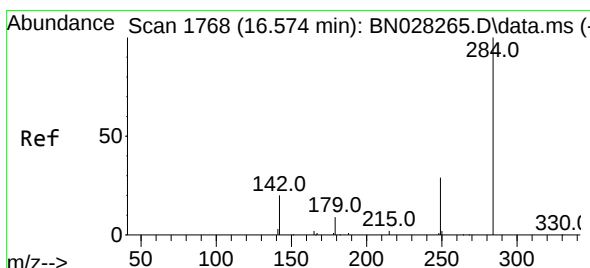
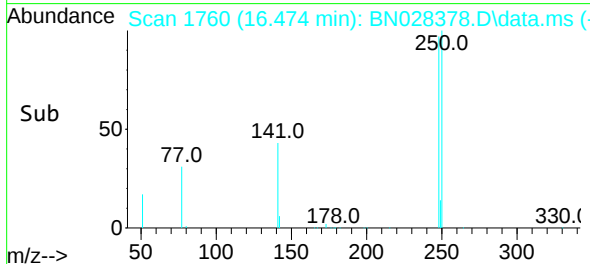
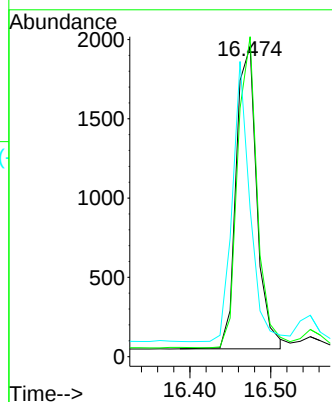
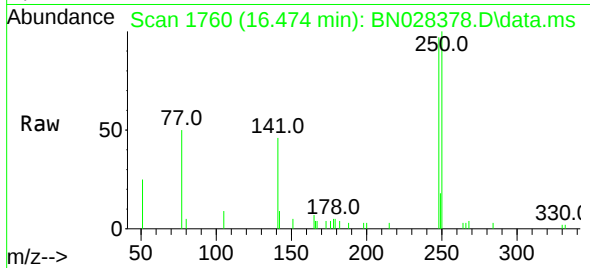
ClientSampleId :

PB156521BS

Tgt Ion:248 Resp: 3404
Ion Ratio Lower Upper
248 100
250 103.2 80.5 120.7
141 47.6 38.9 58.3

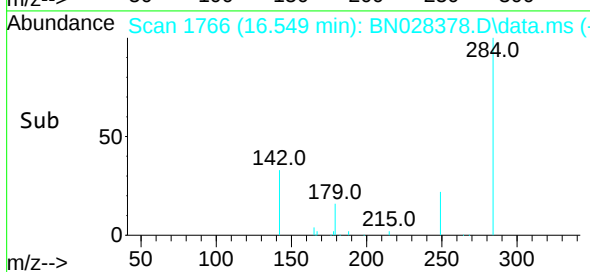
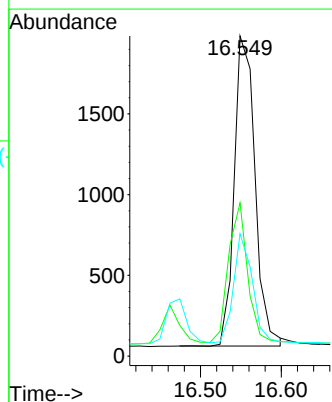
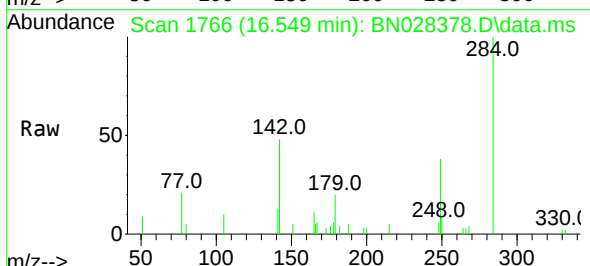
Manual Integrations
APPROVED

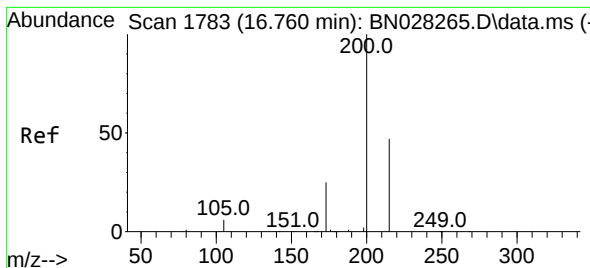
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#22
Hexachlorobenzene
Concen: 0.580 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:284 Resp: 3437
Ion Ratio Lower Upper
284 100
142 41.1 32.1 48.1
249 31.9 25.5 38.3





#23

Atrazine

Concen: 0.570 ng

RT: 16.748 min Scan# 1782

Delta R.T. -0.012 min

Lab File: BN028378.D

Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156521BS

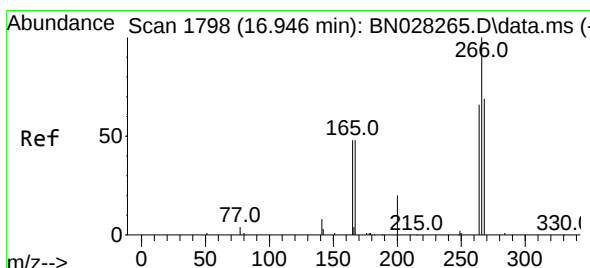
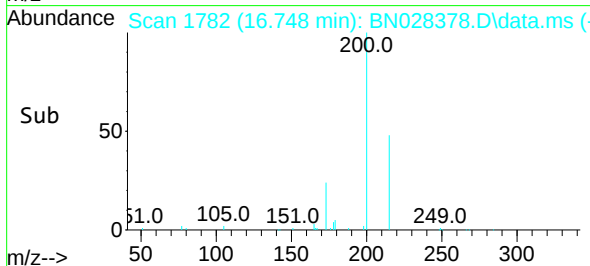
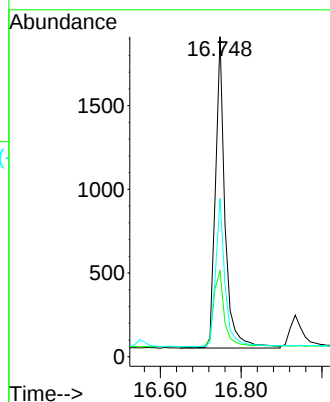
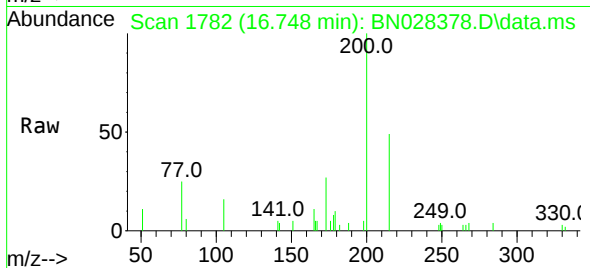
Tgt Ion:	200	Resp:	307
Ion Ratio	Lower	Upper	
200	100		
173	26.8	21.6	32.4
215	49.5	39.0	58.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#24

Pentachlorophenol

Concen: 0.839 ng m

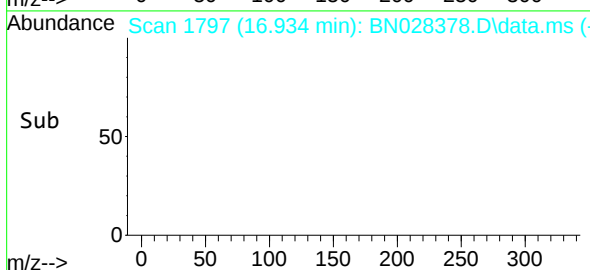
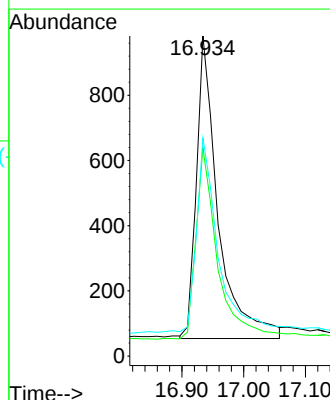
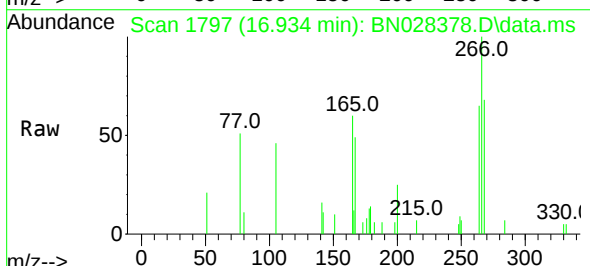
RT: 16.934 min Scan# 1797

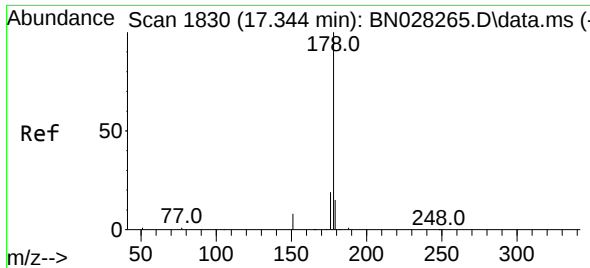
Delta R.T. -0.099 min

Lab File: BN028378.D

Acq: 24 Oct 2023 14:59

Tgt Ion:	266	Resp:	2270
Ion Ratio	Lower	Upper	
266	100		
264	0.0	51.5	77.3#
268	0.0	56.6	84.8#





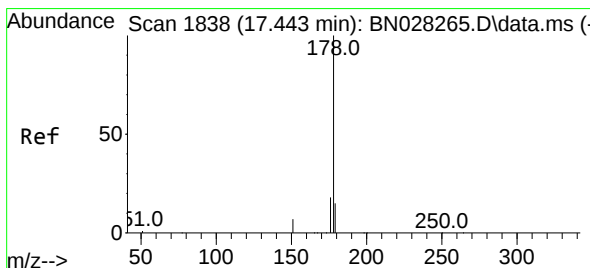
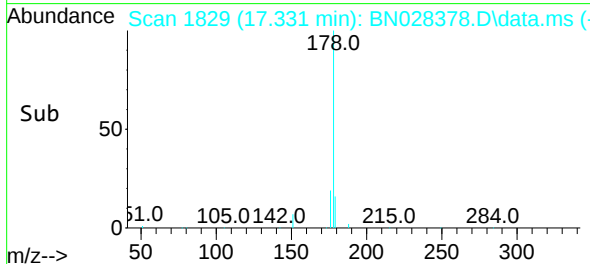
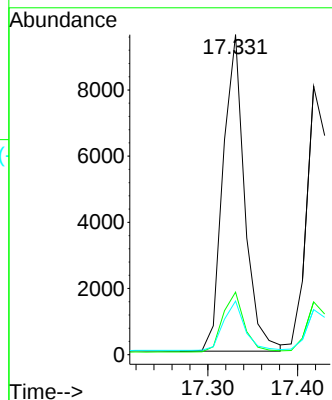
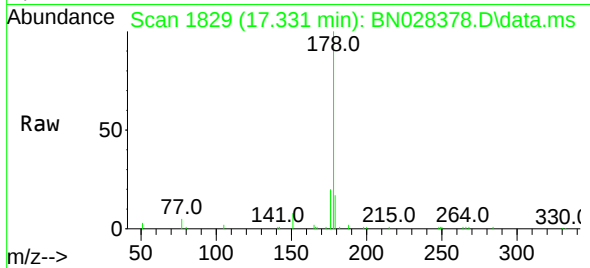
#25
Phenanthrene
Concen: 0.525 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB156521BS

Tgt Ion:178 Resp: 1604
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.1 12.5 18.7

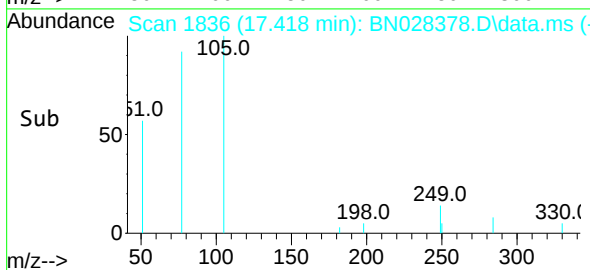
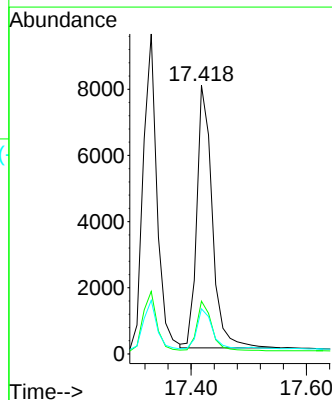
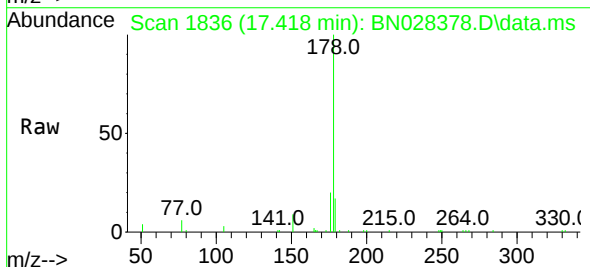
Manual Integrations
APPROVED

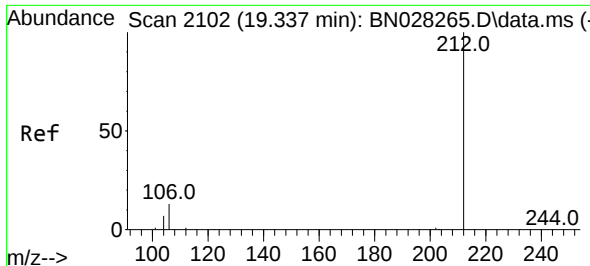
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#26
Anthracene
Concen: 0.505 ng
RT: 17.418 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:178 Resp: 14760
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 14.9 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.221 ng
RT: 19.323 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

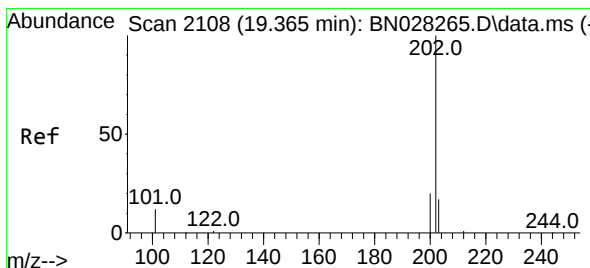
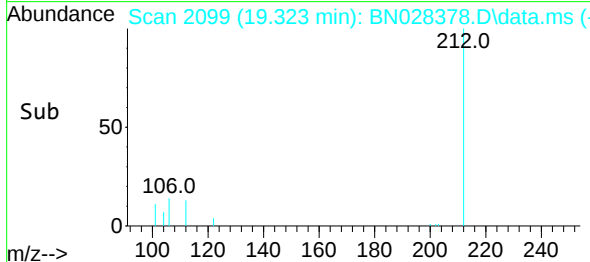
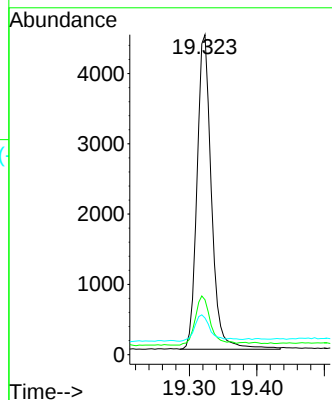
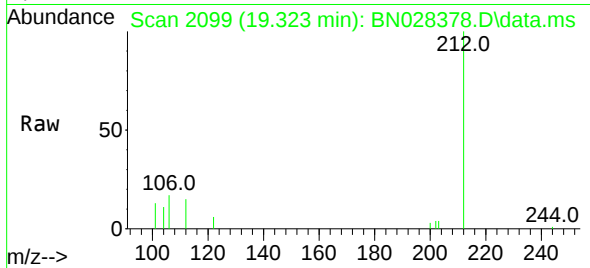
ClientSampleId :

PB156521BS

Tgt Ion:212 Resp: 6612
Ion Ratio Lower Upper
212 100
106 16.8 11.5 17.3
104 9.0 6.7 10.1

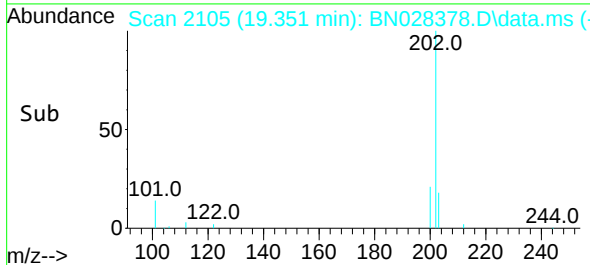
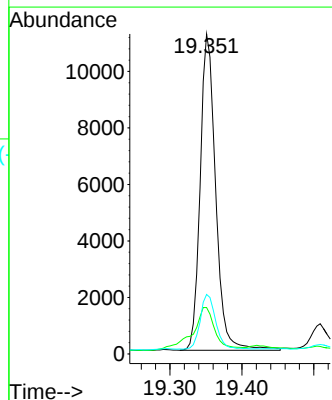
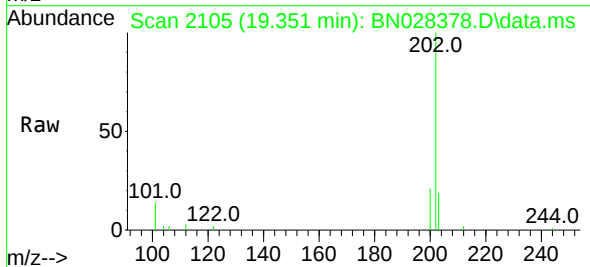
Manual Integrations
APPROVED

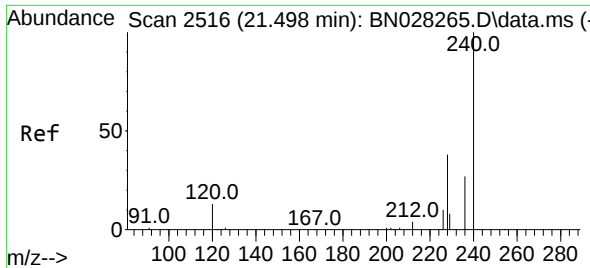
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#28
Fluoranthene
Concen: 0.437 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

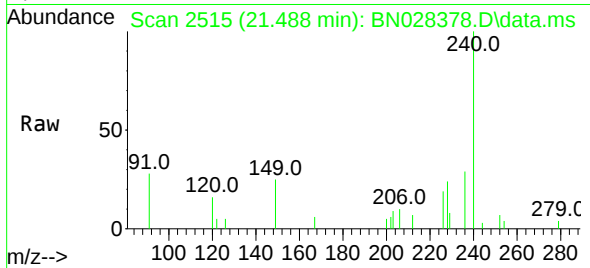
Tgt Ion:202 Resp: 16776
Ion Ratio Lower Upper
202 100
101 20.2 10.1 15.1#
203 17.6 13.9 20.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.488 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

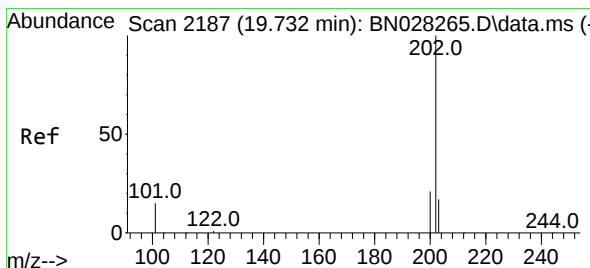
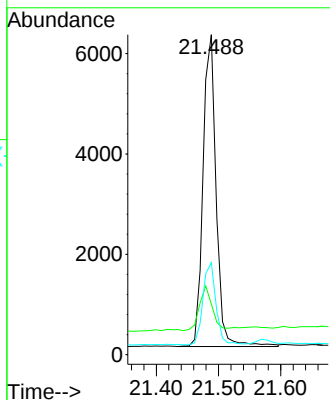
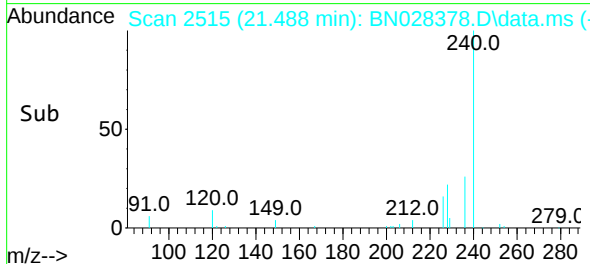
Instrument :
BNA_N
ClientSampleId :
PB156521BS



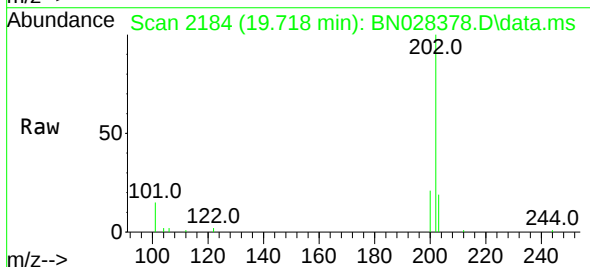
Tgt Ion:240 Resp: 9080
Ion Ratio Lower Upper
240 100
120 15.9 13.4 20.0
236 28.7 22.7 34.1

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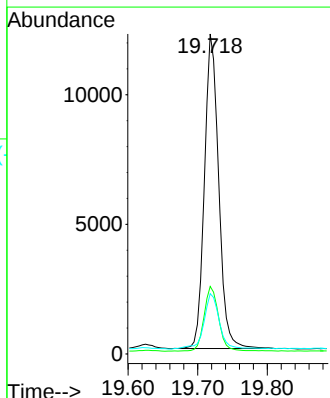
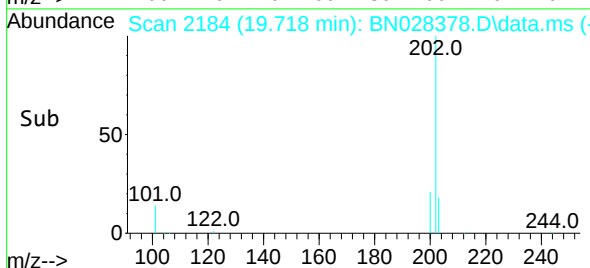
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

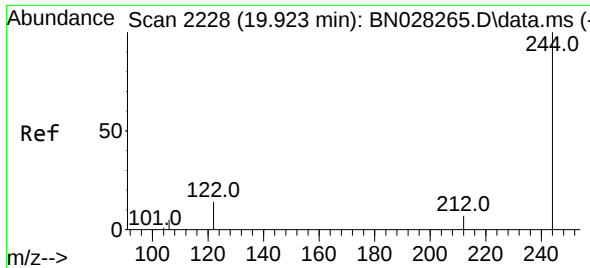


#30
Pyrene
Concen: 0.555 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59



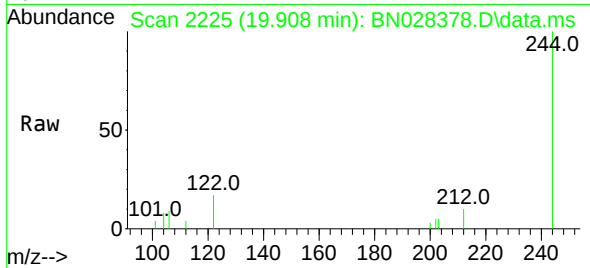
Tgt Ion:202 Resp: 17263
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 19.1 14.5 21.7





#31
Terphenyl-d14
Concen: 0.276 ng
RT: 19.908 min Scan# 2114
Delta R.T. -0.009 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

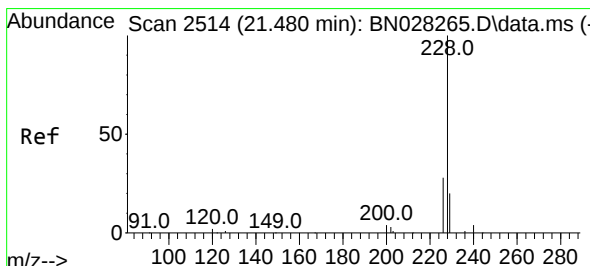
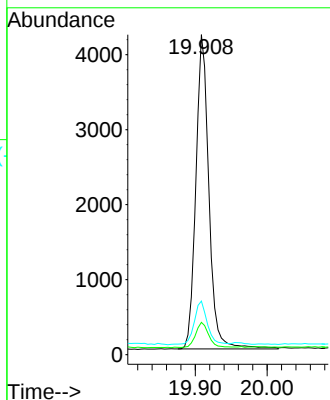
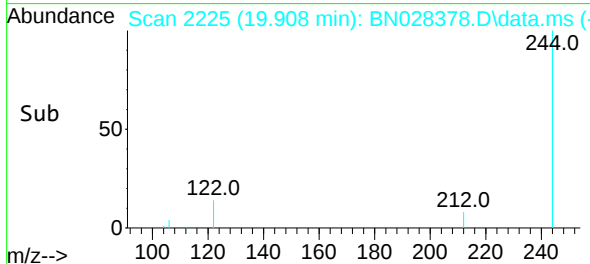
Instrument :
BNA_N
ClientSampleId :
PB156521BS



Tgt Ion:244 Resp: 5314
Ion Ratio Lower Upper
244 100
212 10.1 6.6 10.0
122 16.7 11.7 17.5

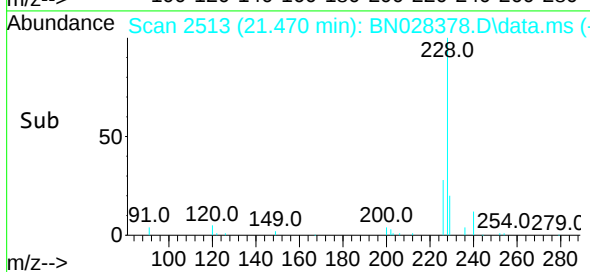
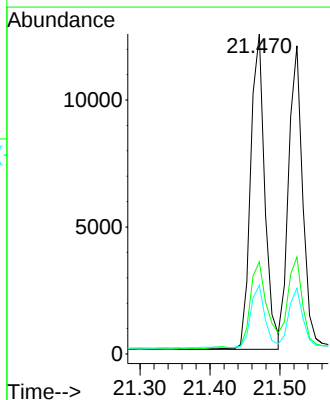
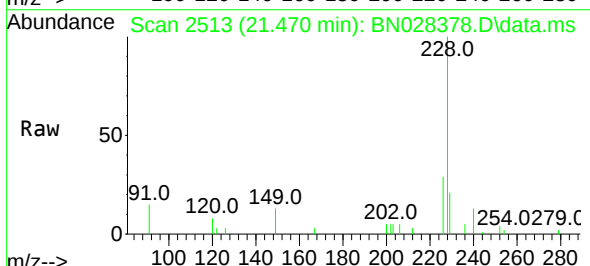
Manual Integrations
APPROVED

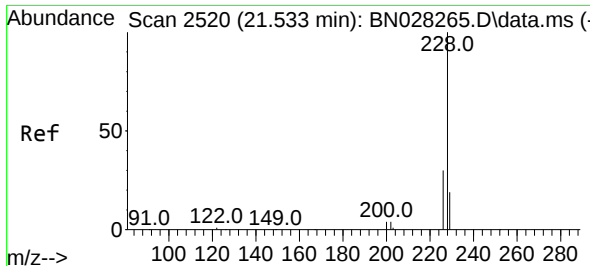
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#32
Benzo(a)anthracene
Concen: 0.545 ng
RT: 21.470 min Scan# 2513
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:228 Resp: 17588
Ion Ratio Lower Upper
228 100
226 28.8 22.9 34.3
229 21.4 16.6 24.8





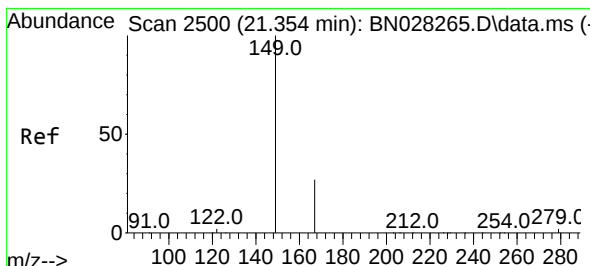
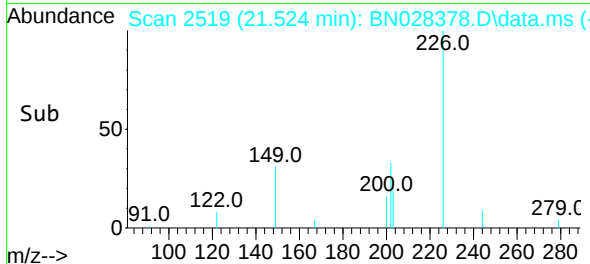
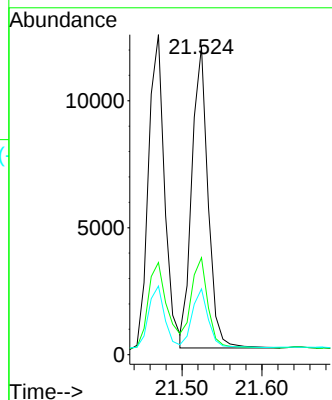
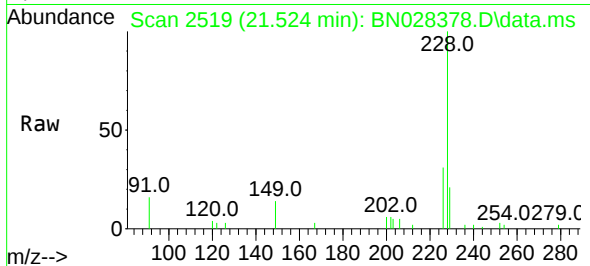
#33
Chrysene
Concen: 0.539 ng
RT: 21.524 min Scan# 2152
Delta R.T. -0.000 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Instrument :
BNA_N
ClientSampleId :
PB156521BS

Tgt Ion:228 Resp: 1663
Ion Ratio Lower Upper
228 100
226 31.5 25.2 37.8
229 21.3 16.6 25.0

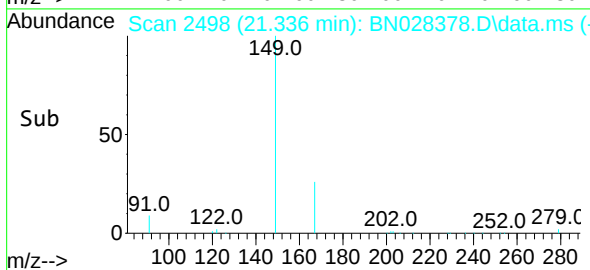
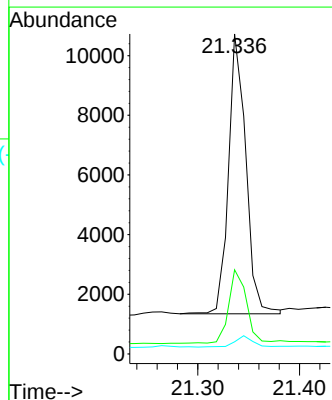
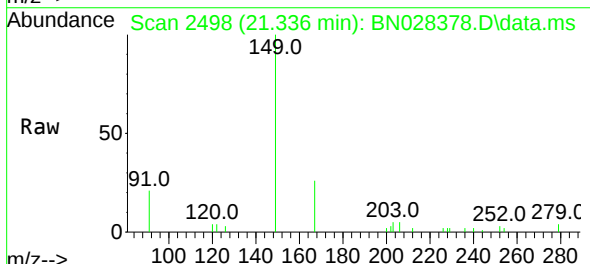
Manual Integrations
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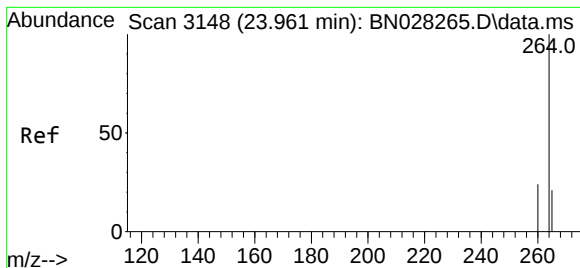
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.451 ng
RT: 21.336 min Scan# 2498
Delta R.T. -0.009 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:149 Resp: 11109
Ion Ratio Lower Upper
149 100
167 27.6 22.6 34.0
279 4.2 4.2 6.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.931 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN028378.D

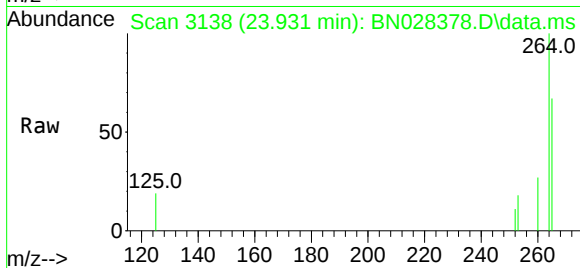
Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156521BS



Tgt Ion:264 Resp: 1113

Ion Ratio Lower Upper

264 100

260 26.7 20.7 31.1

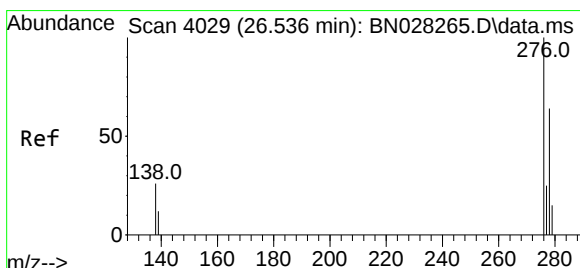
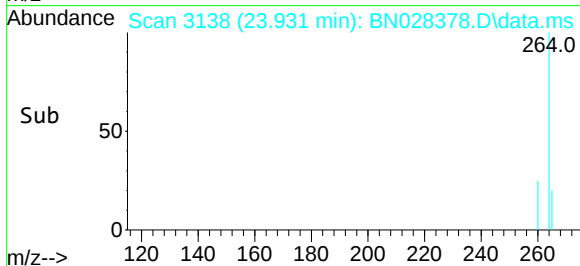
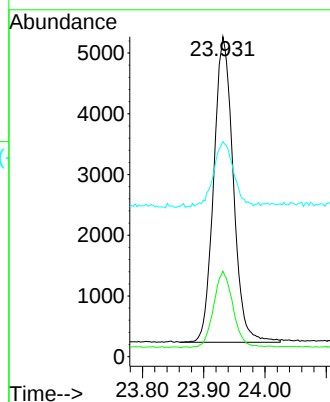
265 67.2 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.528 ng

RT: 26.492 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BN028378.D

Acq: 24 Oct 2023 14:59

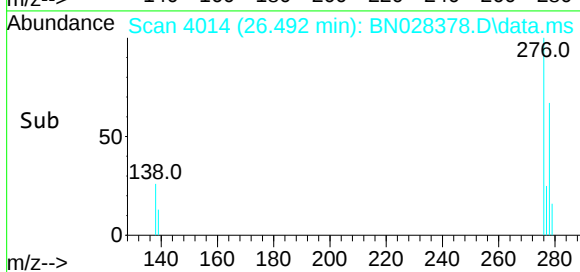
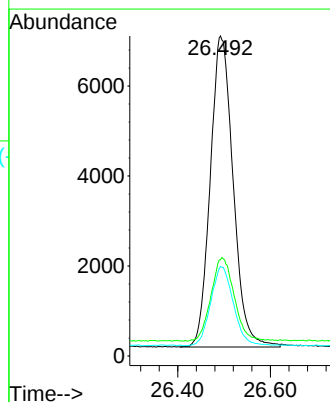
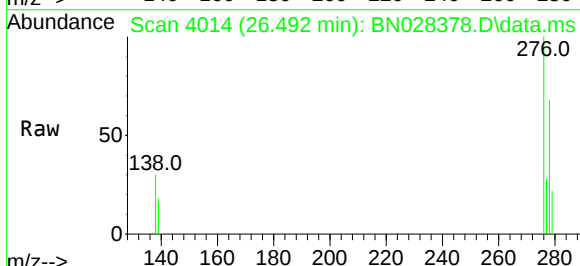
Tgt Ion:276 Resp: 23698

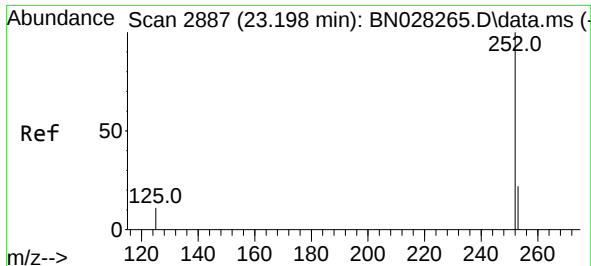
Ion Ratio Lower Upper

276 100

138 27.0 21.3 31.9

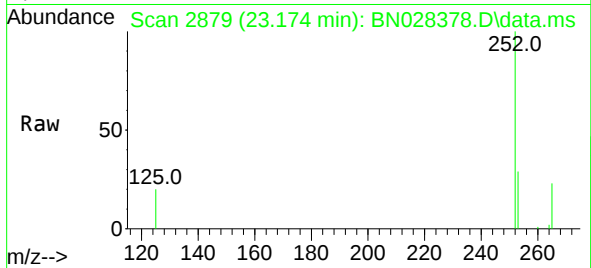
277 25.0 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.537 ng
RT: 23.174 min Scan# 2879
Delta R.T. -0.003 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

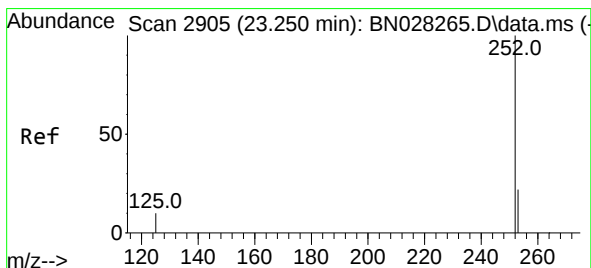
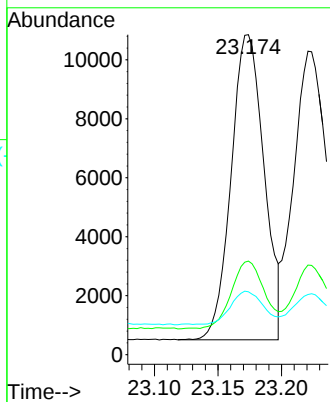
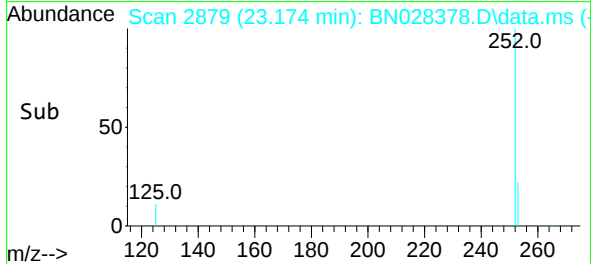
Instrument :
BNA_N
ClientSampleId :
PB156521BS



Tgt Ion:252 Resp: 18672
Ion Ratio Lower Upper
252 100
253 29.2 21.8 32.8
125 19.7 15.6 23.4

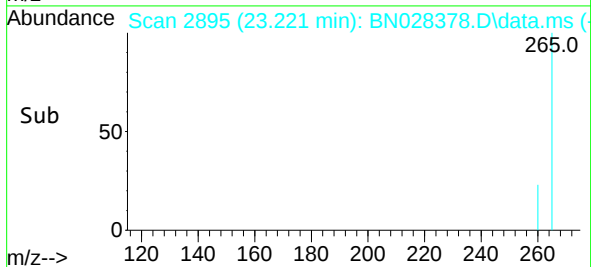
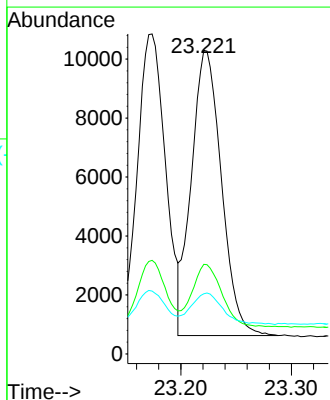
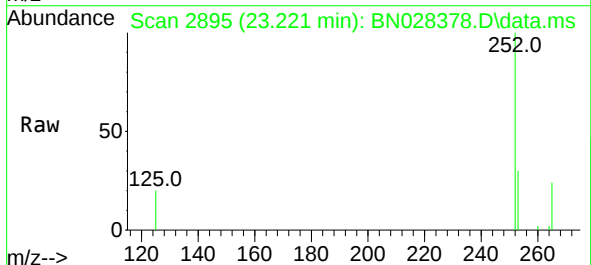
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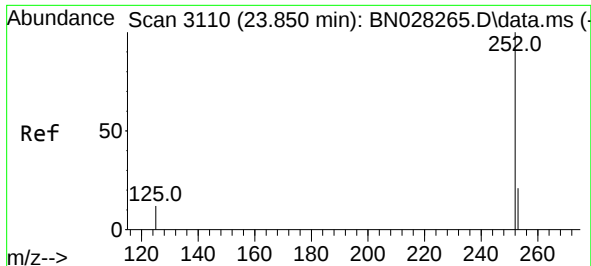
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#38
Benzo(k)fluoranthene
Concen: 0.516 ng
RT: 23.221 min Scan# 2895
Delta R.T. -0.006 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

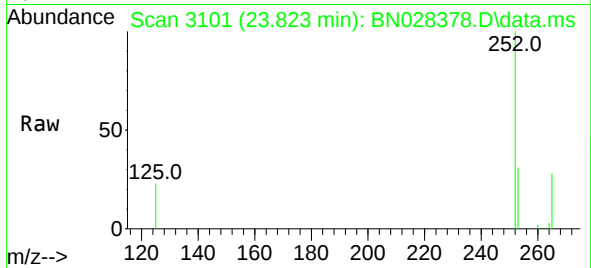
Tgt Ion:252 Resp: 18270
Ion Ratio Lower Upper
252 100
253 29.5 22.0 33.0
125 19.8 15.3 22.9





#39
Benzo(a)pyrene
Concen: 0.497 ng
RT: 23.823 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

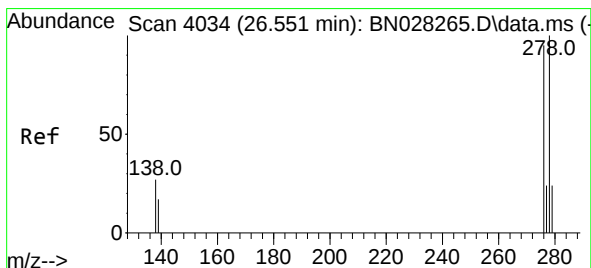
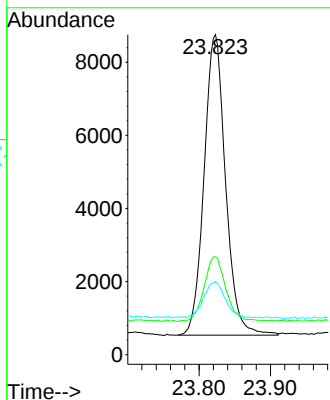
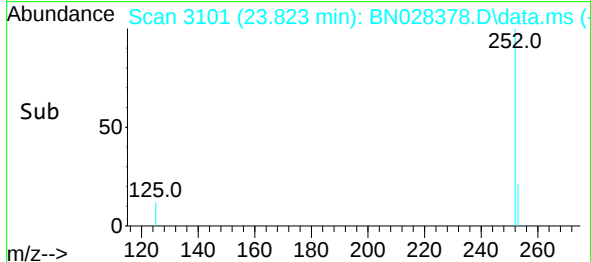
Instrument :
BNA_N
ClientSampleId :
PB156521BS



Tgt Ion:252 Resp: 17209
Ion Ratio Lower Upper
252 100
253 30.6 22.7 34.1
125 22.9 17.0 25.6

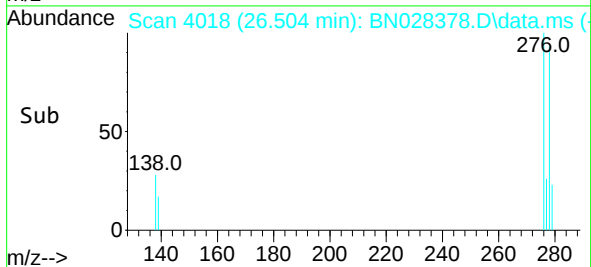
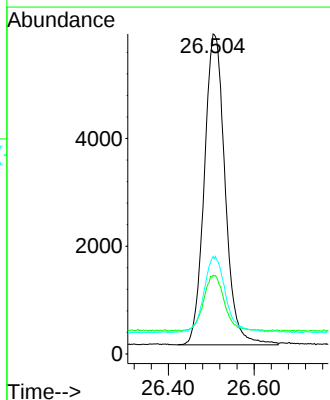
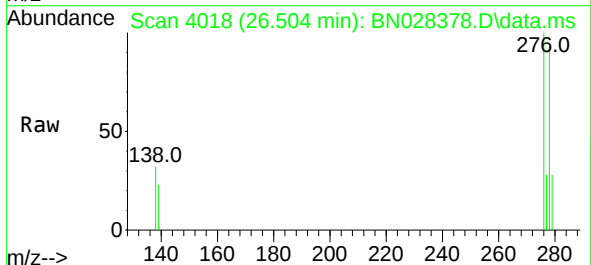
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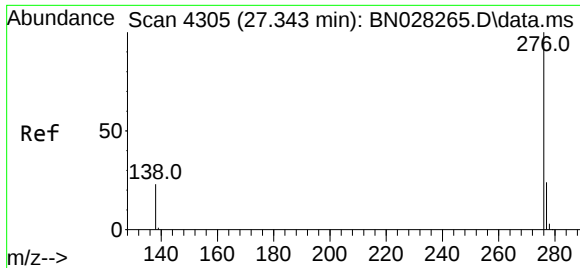
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.532 ng
RT: 26.504 min Scan# 4018
Delta R.T. -0.015 min
Lab File: BN028378.D
Acq: 24 Oct 2023 14:59

Tgt Ion:278 Resp: 19394
Ion Ratio Lower Upper
278 100
139 24.6 18.8 28.2
279 30.5 23.5 35.3





#41

Benzo(g,h,i)perylene

Concen: 0.517 ng

RT: 27.293 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN028378.D

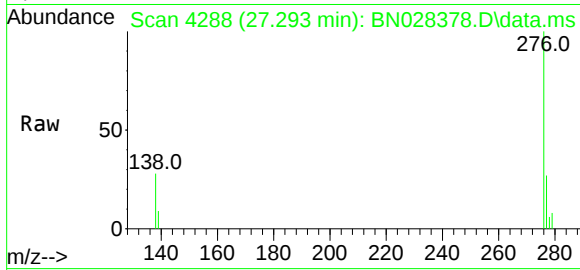
Acq: 24 Oct 2023 14:59

Instrument :

BNA_N

ClientSampleId :

PB156521BS



Tgt Ion:276 Resp: 1943

Ion Ratio Lower Upper

276 100

277 26.9 21.7 32.5

138 28.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023

