

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028374.D
 Acq On : 24 Oct 2023 12:33
 Operator : MA/JU
 Sample : PB156426BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156426BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 01:04:16 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	4574	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	15360	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	7653	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	12111	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9778	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	11235	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3572	0.251	ng	0.00
5) Phenol-d6	7.048	99	4517	0.258	ng	0.00
8) Nitrobenzene-d5	9.080	82	3293	0.242	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	10020m	0.434	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	670	0.180	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7782	0.289	ng	-0.02
27) Fluoranthene-d10	19.318	212	7134	0.220	ng	0.00
31) Terphenyl-d14	19.908	244	5661	0.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2105	0.381	ng	# 85
3) n-Nitrosodimethylamine	3.653	42	3182	0.527	ng	# 97
6) bis(2-Chloroethyl)ether	7.315	93	7241	0.537	ng	99
9) Naphthalene	10.735	128	20913	0.525	ng	99
10) Hexachlorobutadiene	10.959	225	3681	0.538	ng	# 100
12) 2-Methylnaphthalene	12.351	142	13403	0.473	ng	99
16) Acenaphthylene	14.256	152	21108	0.614	ng	98
17) Acenaphthene	14.587	154	11424	0.527	ng	99
18) Fluorene	15.568	166	13647	0.478	ng	97
20) 4,6-Dinitro-2-methylph...	15.829	198	7	0.188	ng	# 1
21) 4-Bromophenyl-phenylether	16.462	248	3648	0.585	ng	# 71
22) Hexachlorobenzene	16.549	284	3752	0.584	ng	99
23) Atrazine	16.748	200	3324	0.568	ng	98
24) Pentachlorophenol	16.934	266	2592m	0.884	ng	
25) Phenanthrene	17.331	178	17353	0.523	ng	99
26) Anthracene	17.418	178	16107	0.509	ng	99
28) Fluoranthene	19.351	202	18291	0.439	ng	# 88
30) Pyrene	19.718	202	18582	0.555	ng	99
32) Benzo(a)anthracene	21.470	228	18609	0.536	ng	97
33) Chrysene	21.524	228	16991	0.511	ng	98
34) Bis(2-ethylhexyl)phtha...	21.336	149	11827	0.446	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.489	276	24124	0.533	ng	100
37) Benzo(b)fluoranthene	23.171	252	19545	0.557	ng	96
38) Benzo(k)fluoranthene	23.221	252	18175	0.509	ng	96
39) Benzo(a)pyrene	23.820	252	17562	0.503	ng	93
40) Dibenzo(a,h)anthracene	26.501	278	19685	0.535	ng	96
41) Benzo(g,h,i)perylene	27.293	276	19479	0.513	ng	97

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

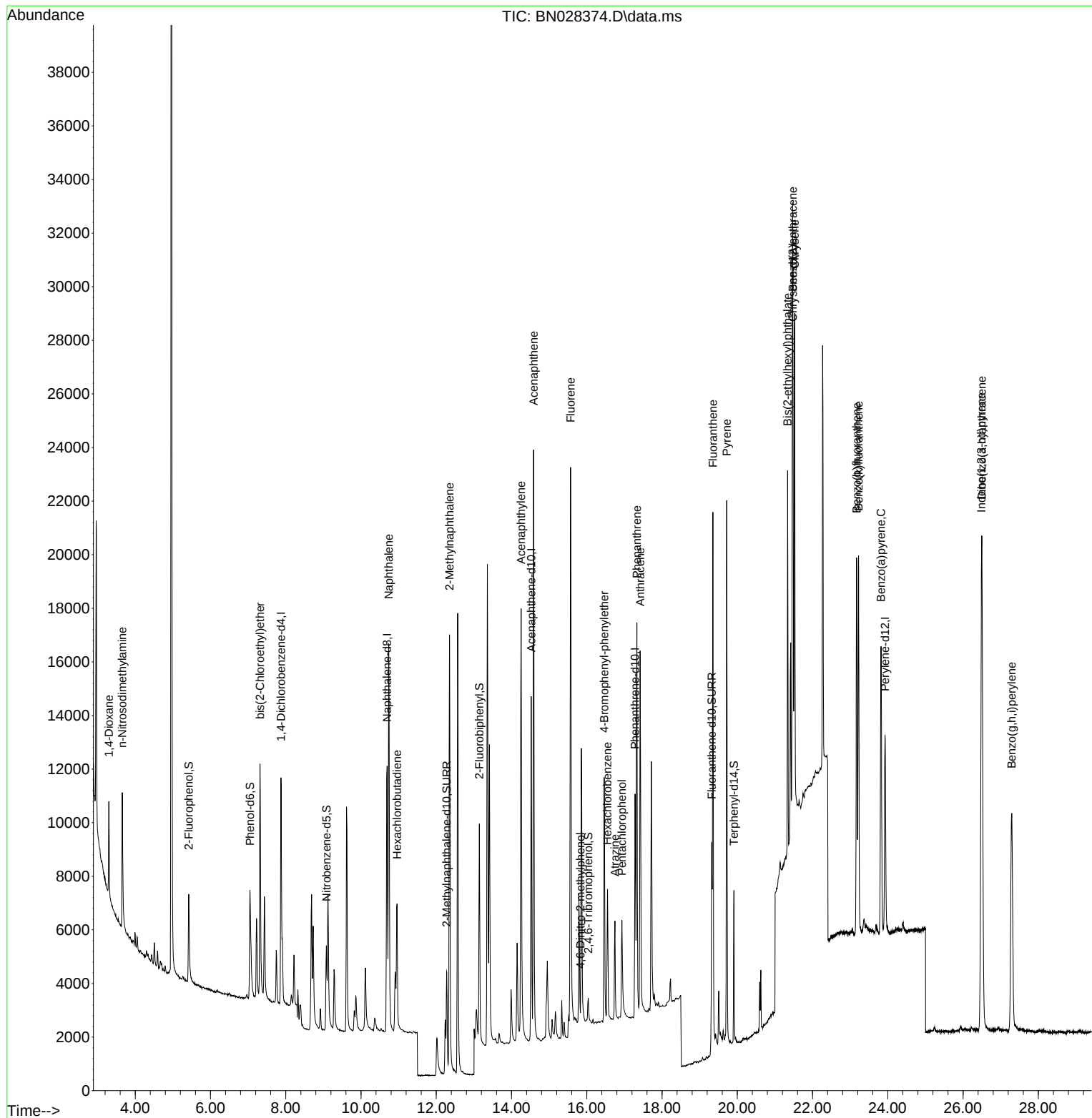
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028374.D
 Acq On : 24 Oct 2023 12:33
 Operator : MA/JU
 Sample : PB156426BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

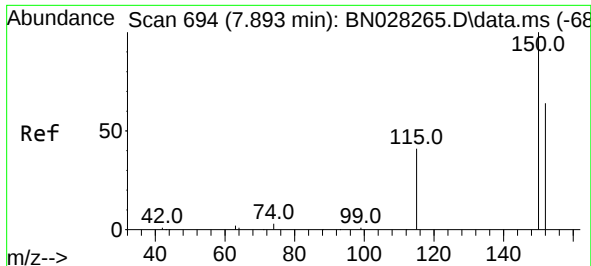
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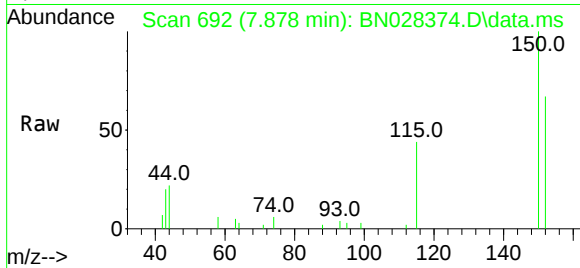
Quant Time: Oct 25 01:04:16 2023
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#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.878 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: BN028374.D
 Acq: 24 Oct 2023 12:33

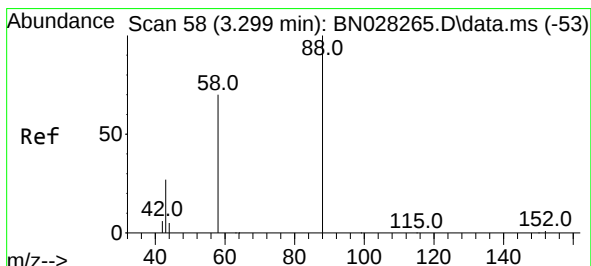
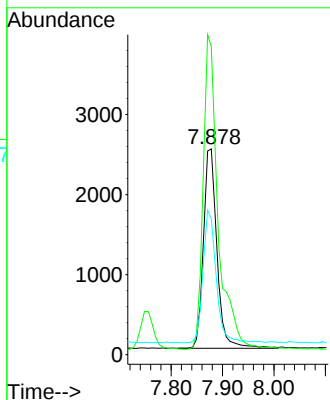
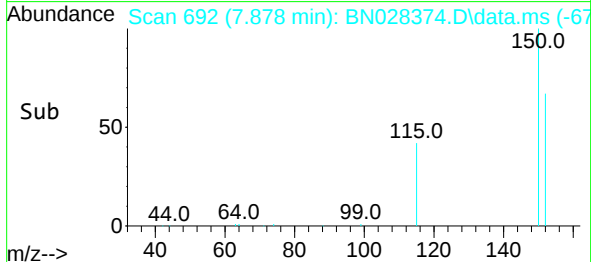
Instrument :
 BNA_N
 ClientSampleId :
 PB156426BSD



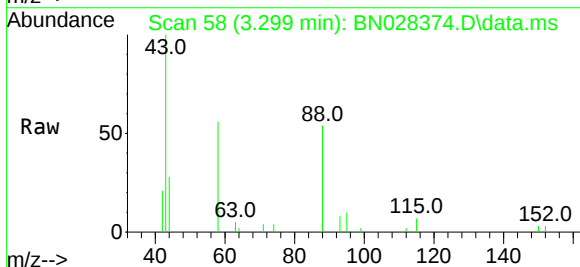
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 Ion Ratio Lower Upper
 152 100
 150 149.7 121.6 182.4
 115 66.1 54.3 81.5

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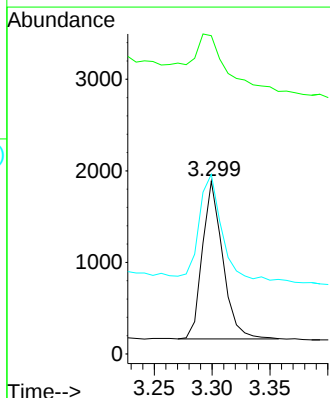
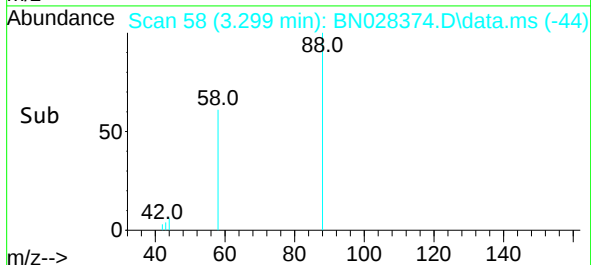
Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

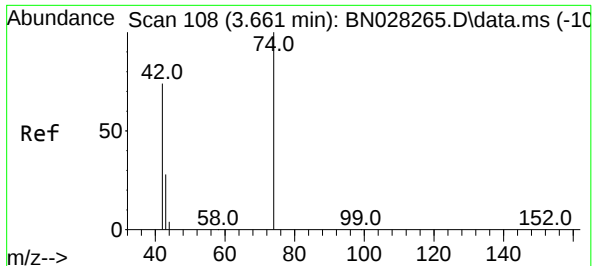


#2
 1,4-Dioxane
 Concen: 0.381 ng
 RT: 3.299 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN028374.D
 Acq: 24 Oct 2023 12:33



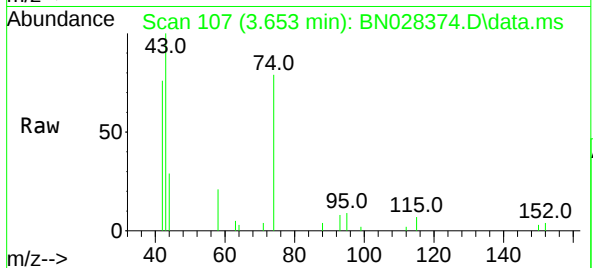
Tgt Ion: 88 Resp: 2105
 Ion Ratio Lower Upper
 88 100
 43 53.6 26.6 39.8
 58 73.5 55.4 83.0





#3
n-Nitrosodimethylamine
Concen: 0.527 ng
RT: 3.653 min Scan# 108
Delta R.T. -0.014 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

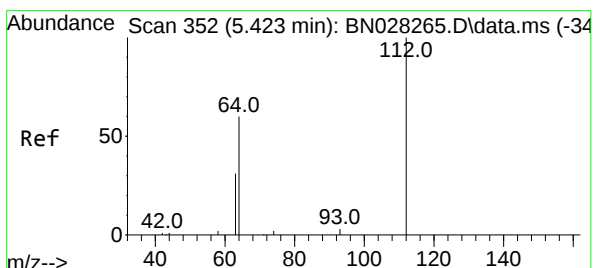
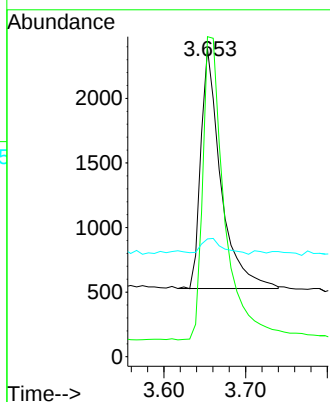
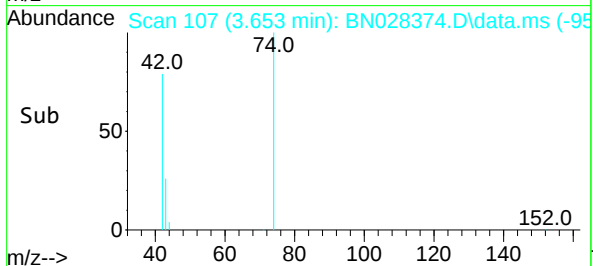
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Tgt Ion: 42 Resp: 318
Ion Ratio Lower Upper
42 100
74 137.9 112.6 168.8
44 7.0 7.8 11.6

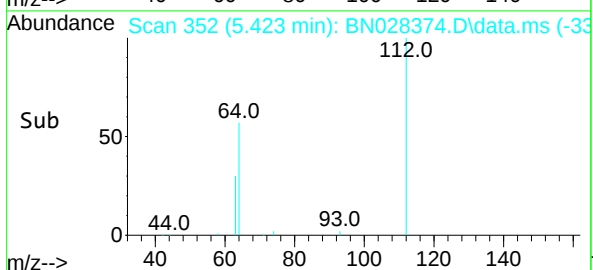
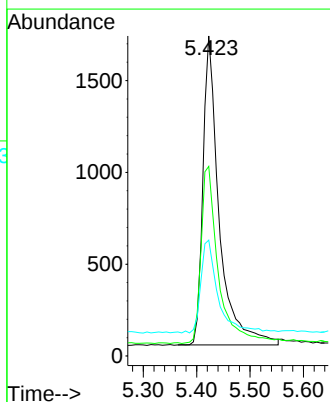
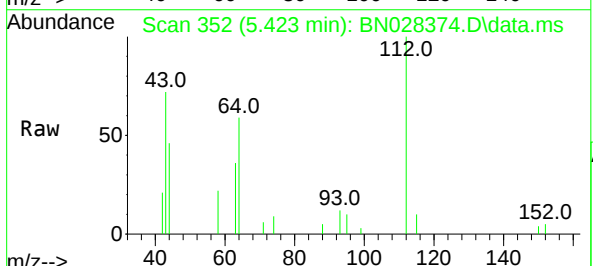
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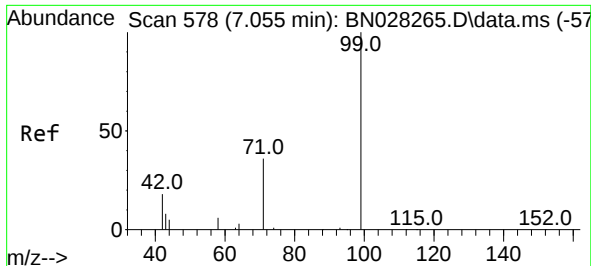
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Supervised By :mohammad ahmed 10/25/2023



#4
2-Fluorophenol
Concen: 0.251 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

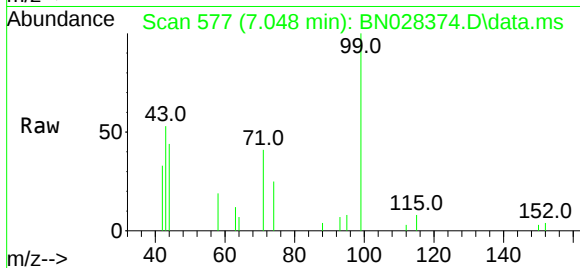
Tgt Ion:112 Resp: 3572
Ion Ratio Lower Upper
112 100
64 61.0 46.9 70.3
63 31.8 25.0 37.4





#5
Phenol-d6
Concen: 0.258 ng
RT: 7.048 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

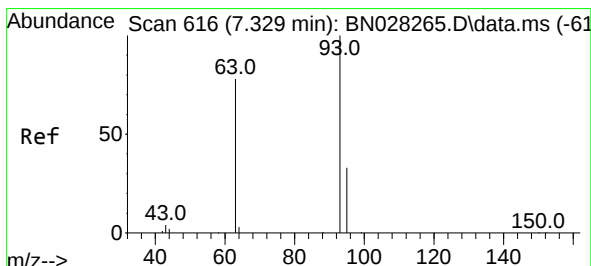
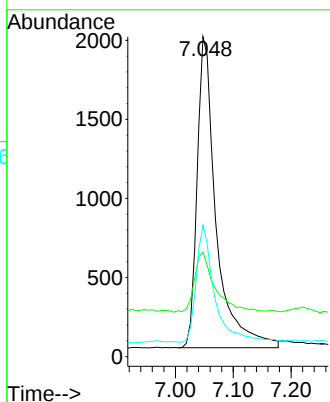
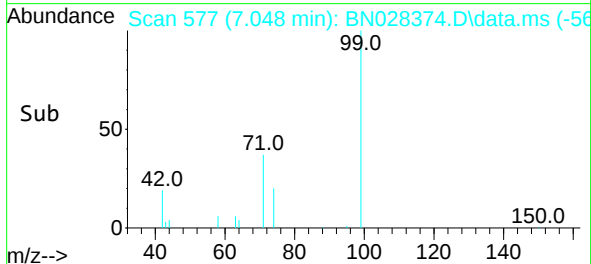
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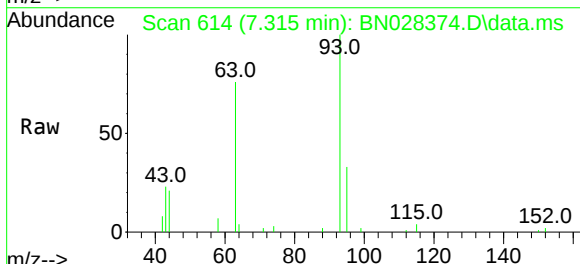
Tgt Ion: 99 Resp: 451
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.0 28.6 42.8

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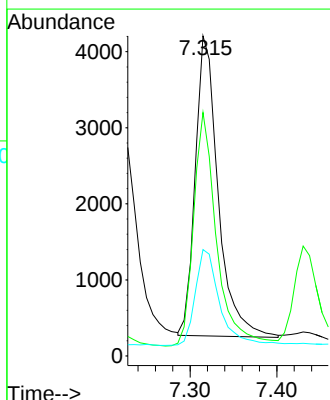
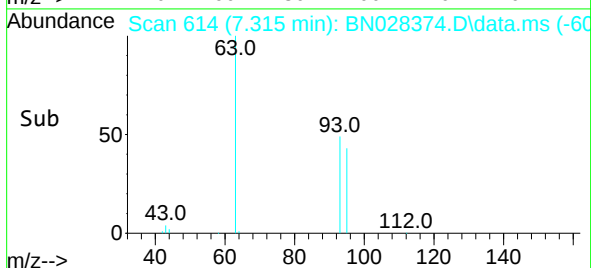
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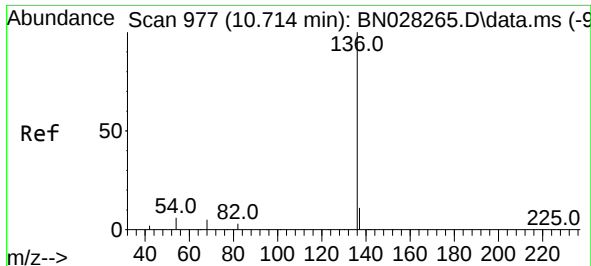


#6
bis(2-Chloroethyl)ether
Concen: 0.537 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.007 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



Tgt Ion: 93 Resp: 7241
Ion Ratio Lower Upper
93 100
63 78.2 62.6 93.8
95 35.2 27.2 40.8





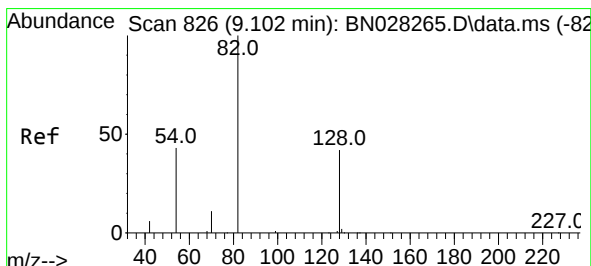
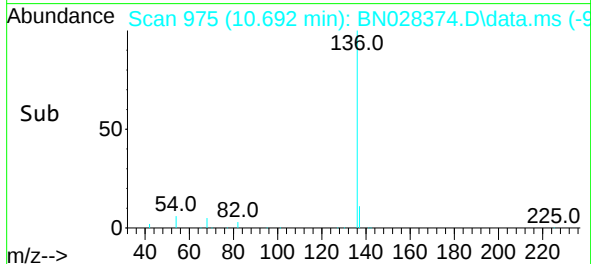
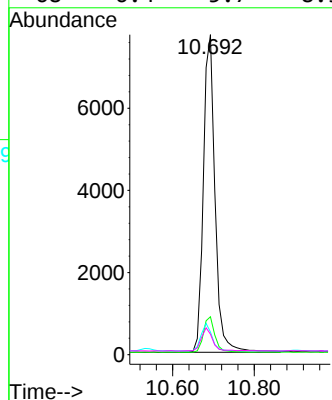
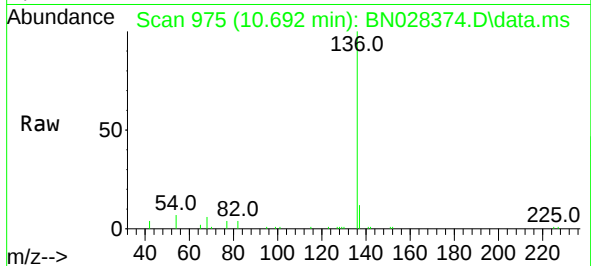
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.692 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Instrument :
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Tgt Ion:	136	Resp:	1536
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.8	14.8
54	7.1	6.2	9.4
68	6.4	5.7	8.5

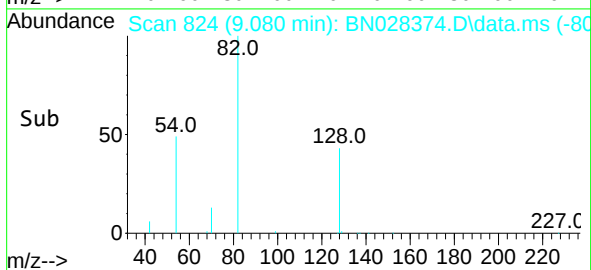
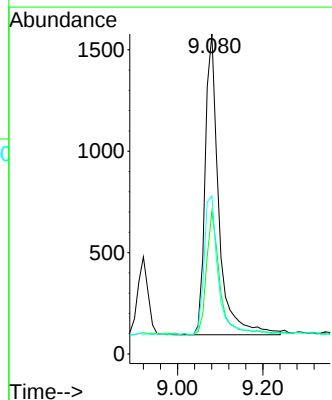
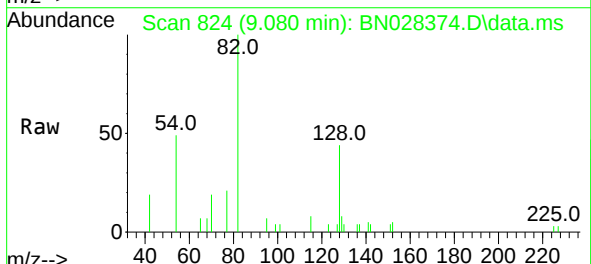
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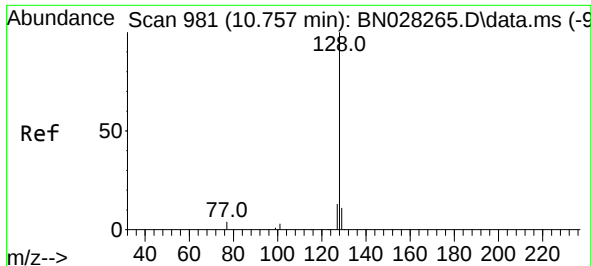
Reviewed By :Yogesh Patel 10/25/2023
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#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Tgt Ion:	82	Resp:	3293
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.8	55.2
54	49.3	37.4	56.2





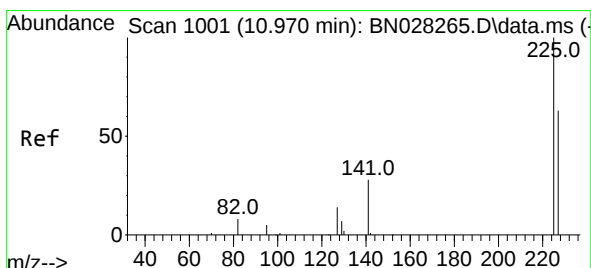
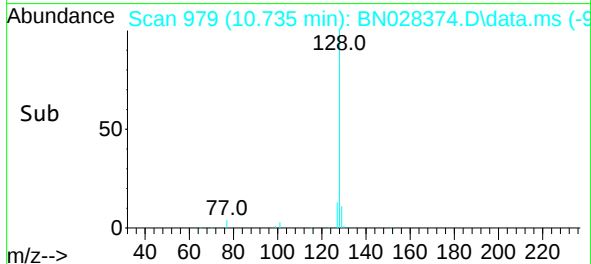
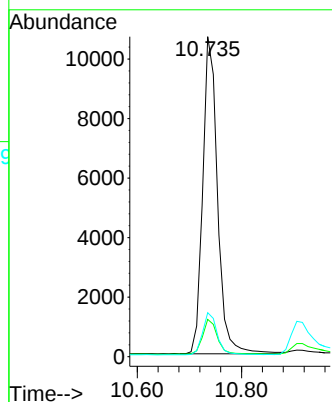
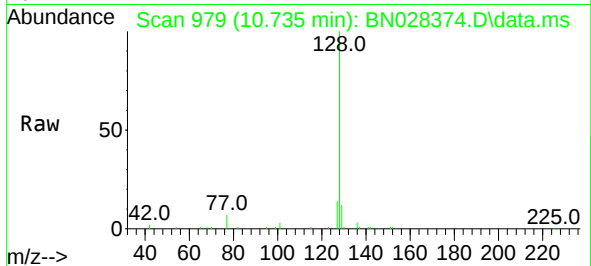
#9
Naphthalene
Concen: 0.525 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Instrument :
BNA_N
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PB156426BSD

Tgt Ion:128 Resp: 2091
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.8 11.4 17.0

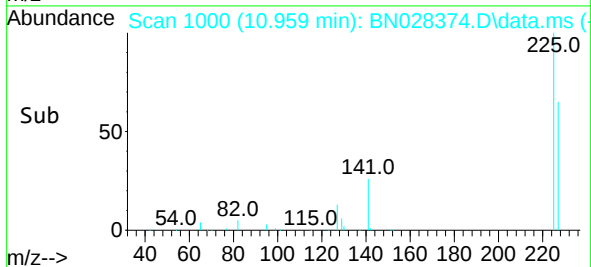
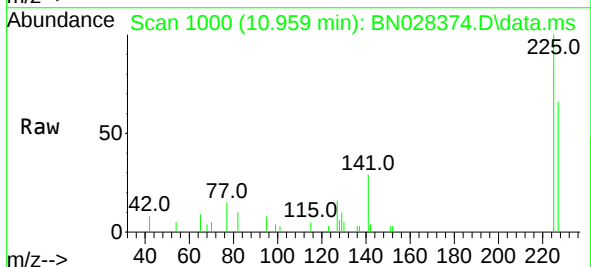
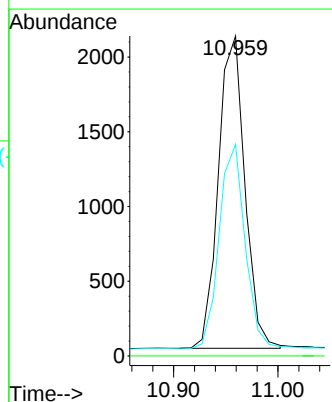
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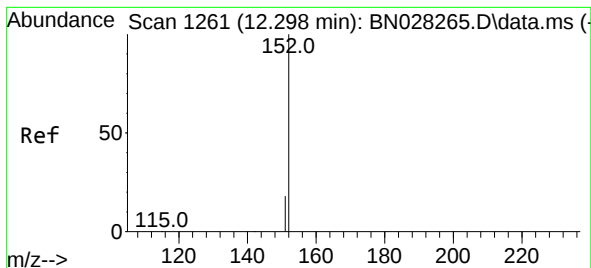
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#10
Hexachlorobutadiene
Concen: 0.538 ng
RT: 10.959 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

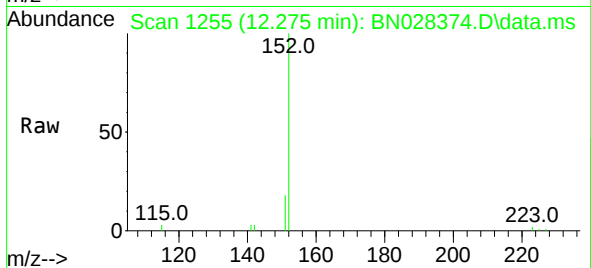
Tgt Ion:225 Resp: 3681
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 51.6 77.4





#11
2-Methylnaphthalene-d10
Concen: 0.434 ng m
RT: 12.275 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

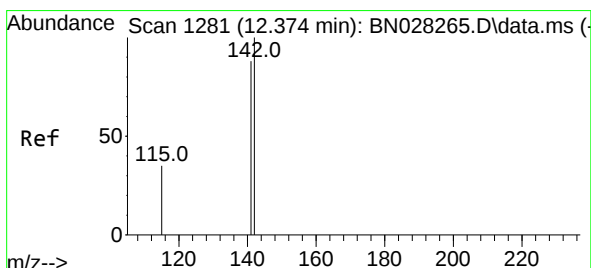
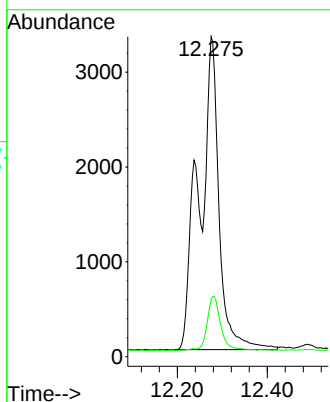
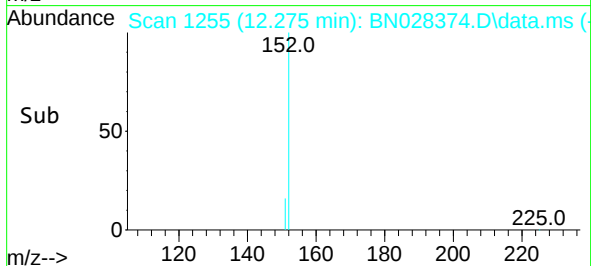
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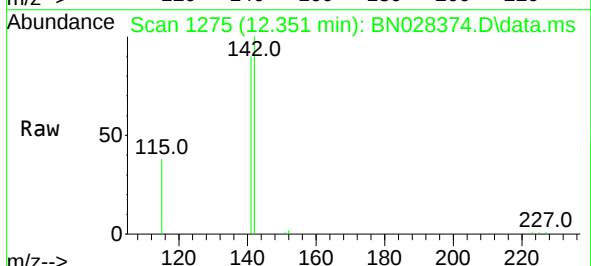
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Ion Ratio Lower Upper
152 100
151 12.3 16.1 24.1

Manual Integrations
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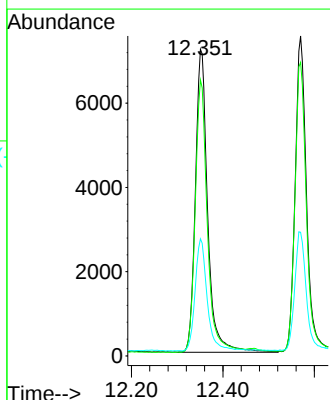
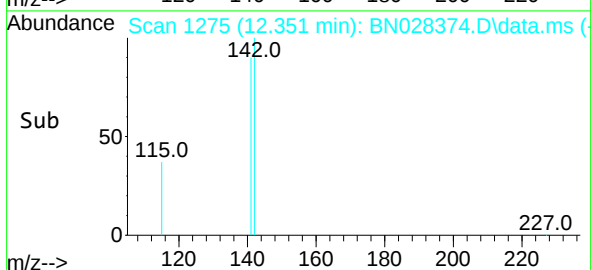
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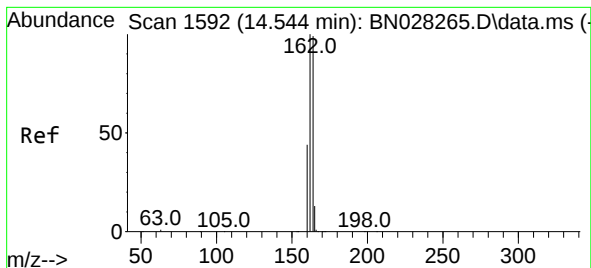


#12
2-Methylnaphthalene
Concen: 0.473 ng
RT: 12.351 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



Tgt Ion:142 Resp: 13403
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7
115 38.2 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: BN028374.D

Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:164 Resp: 765

Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

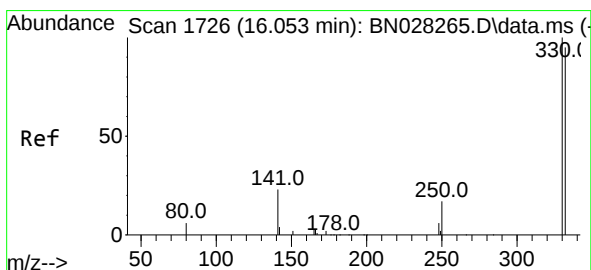
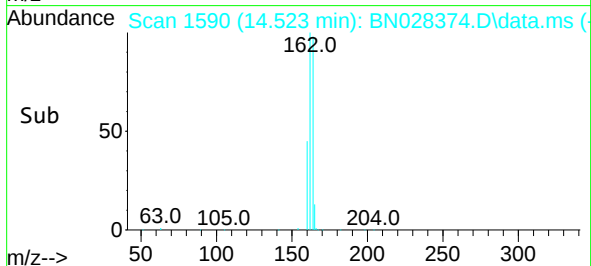
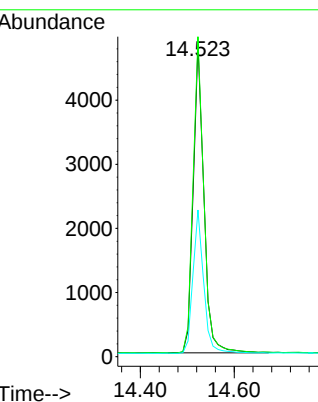
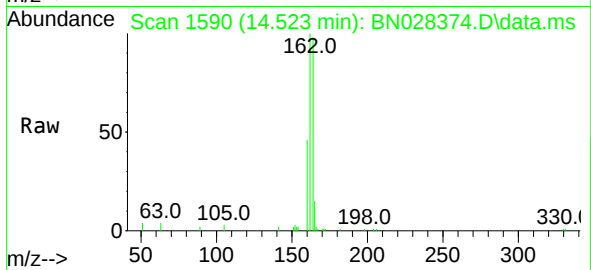
160 46.9 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#14

2,4,6-Tribromophenol

Concen: 0.180 ng

RT: 16.040 min Scan# 1725

Delta R.T. -0.025 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

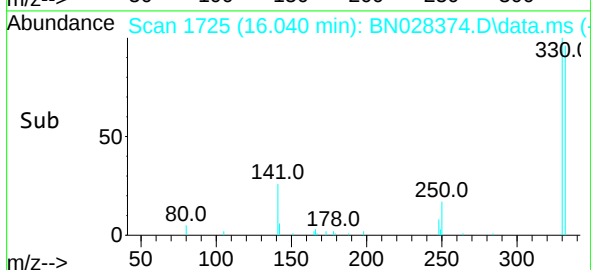
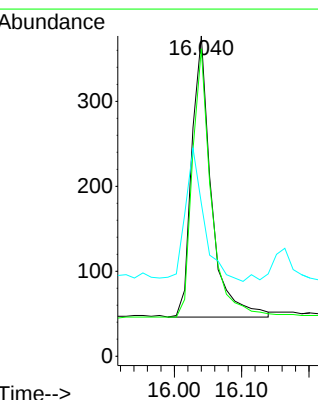
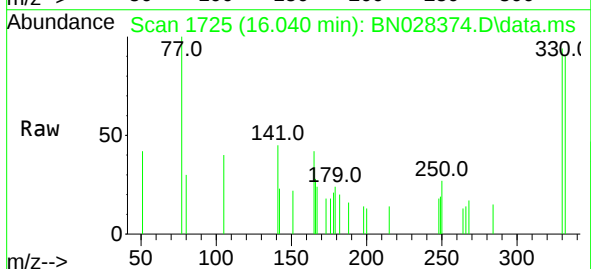
Tgt Ion:330 Resp: 670

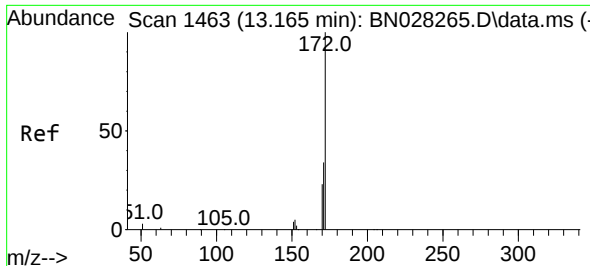
Ion Ratio Lower Upper

330 100

332 92.1 74.1 111.1

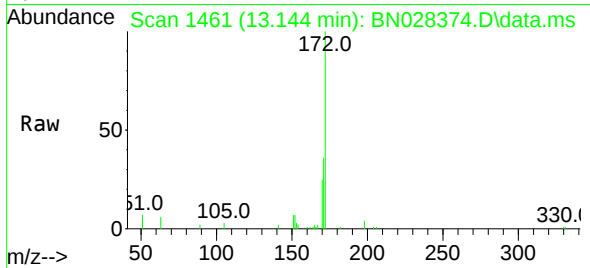
141 45.5 32.1 48.1





#15
2-Fluorobiphenyl
Concen: 0.289 ng
RT: 13.144 min Scan# 1463
Delta R.T. -0.021 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

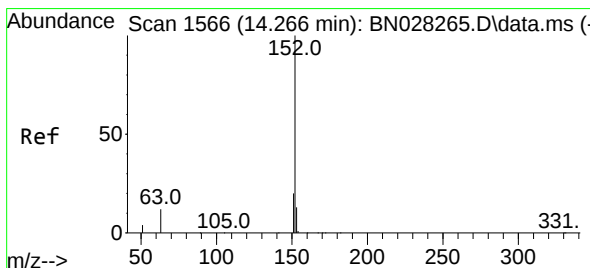
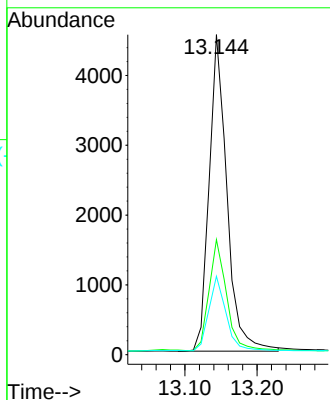
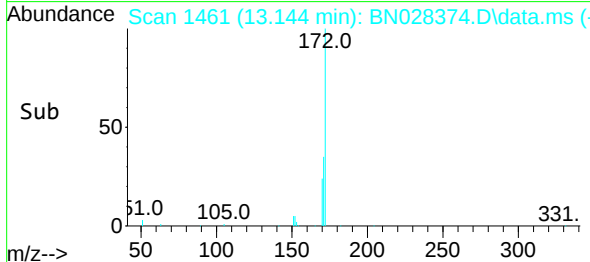
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



Tgt Ion:172 Resp: 778
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 24.5 18.7 28.1

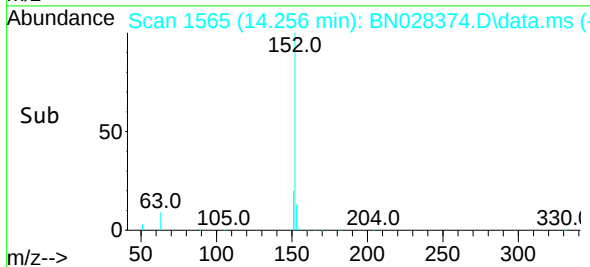
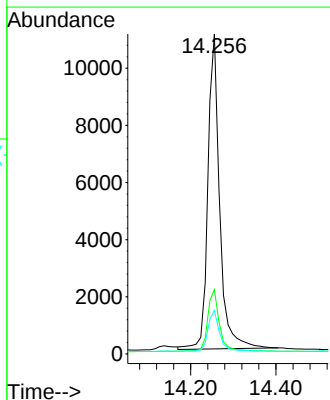
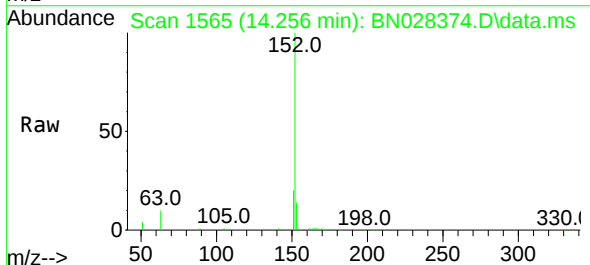
Manual Integrations
APPROVED

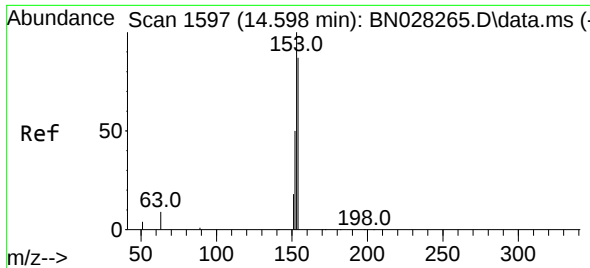
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#16
Acenaphthylene
Concen: 0.614 ng
RT: 14.256 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

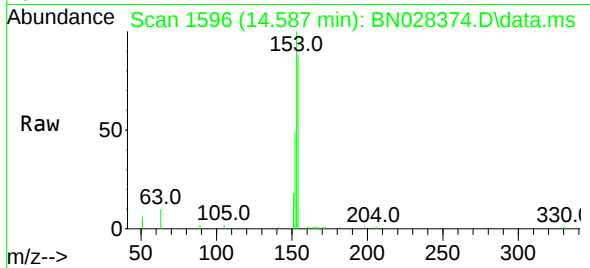
Tgt Ion:152 Resp: 21108
Ion Ratio Lower Upper
152 100
151 20.7 15.6 23.4
153 13.0 10.6 16.0





#17
Acenaphthene
Concen: 0.527 ng
RT: 14.587 min Scan# 11424
Delta R.T. -0.011 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

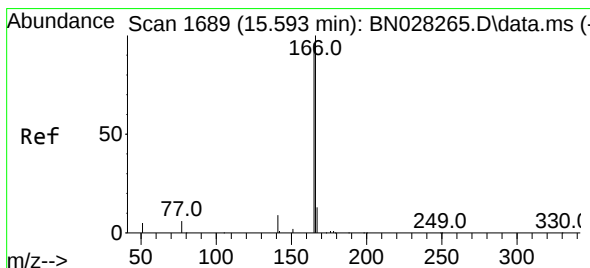
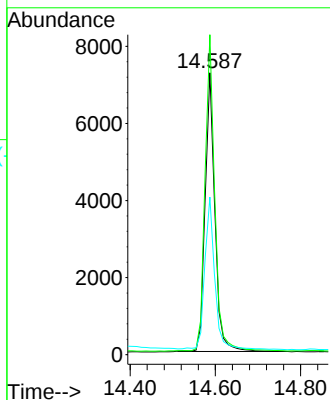
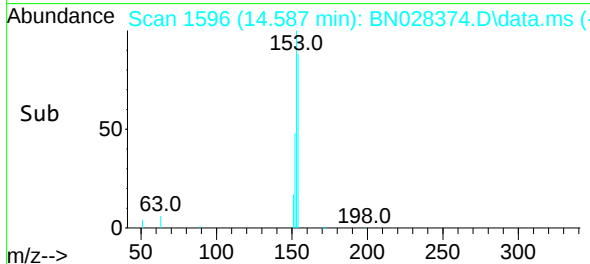
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



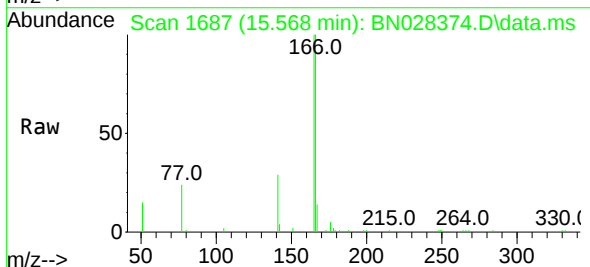
Tgt Ion:154 Resp: 11424
Ion Ratio Lower Upper
154 100
153 113.4 90.7 136.1
152 55.8 43.6 65.4

Manual Integrations
APPROVED

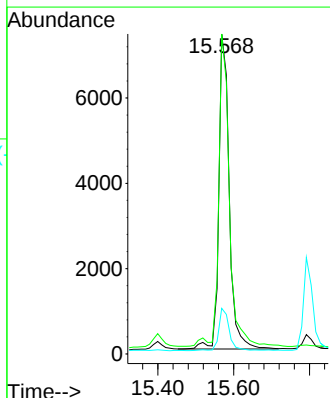
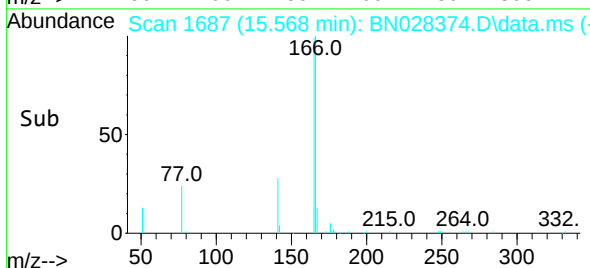
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

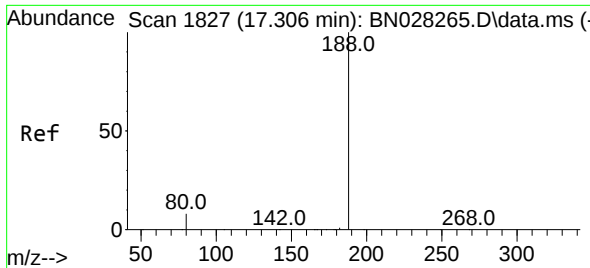


#18
Fluorene
Concen: 0.478 ng
RT: 15.568 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



Tgt Ion:166 Resp: 13647
Ion Ratio Lower Upper
166 100
165 102.2 79.3 118.9
167 13.8 10.9 16.3





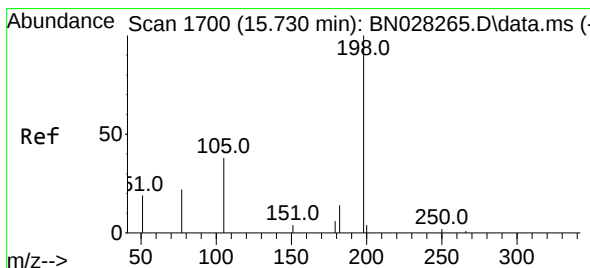
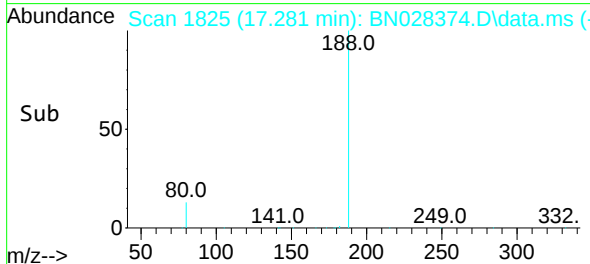
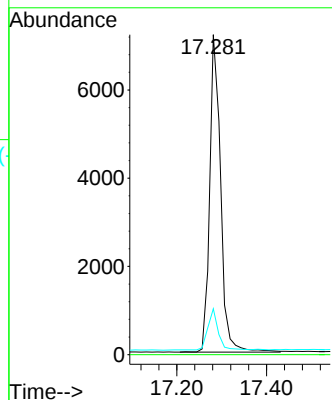
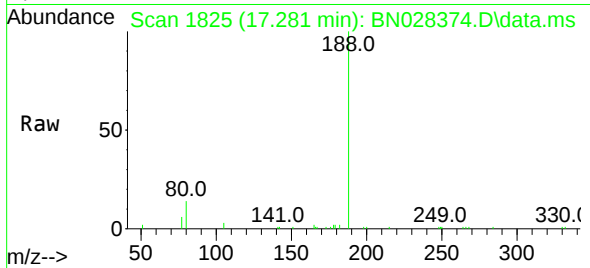
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Instrument :
BNA_N
ClientSampleId :
PB156426BSD

Tgt Ion:188 Resp: 1211
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 7.1 10.7

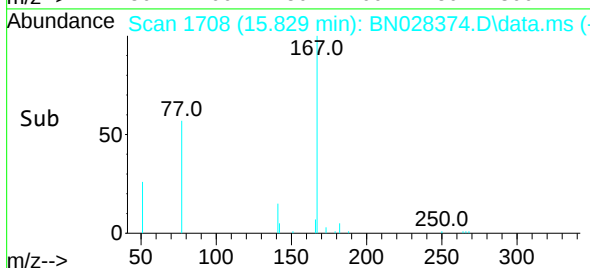
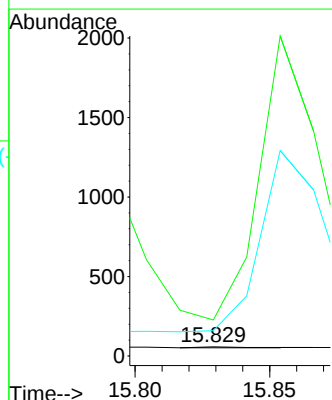
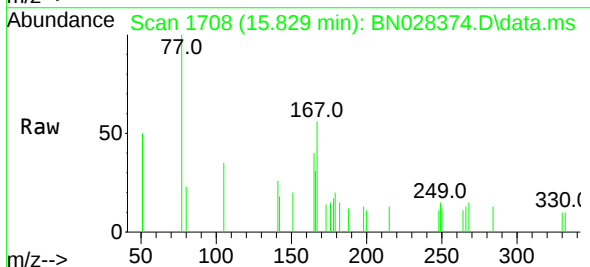
Manual Integrations
APPROVED

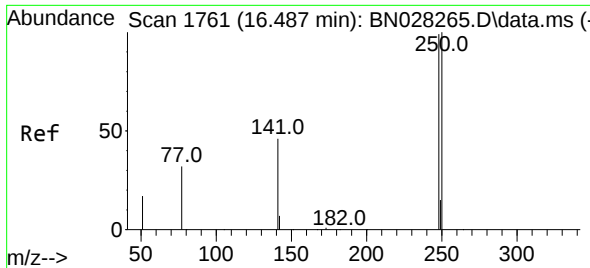
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.188 ng
RT: 15.829 min Scan# 1708
Delta R.T. 0.025 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

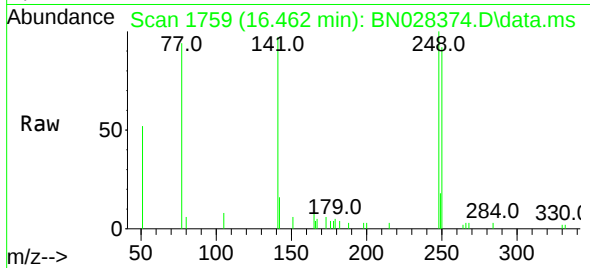
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 391.4 96.1 144.1#
105 274.1 75.4 113.0#





#21
4-Bromophenyl-phenylether
Concen: 0.585 ng
RT: 16.462 min Scan# 1761
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

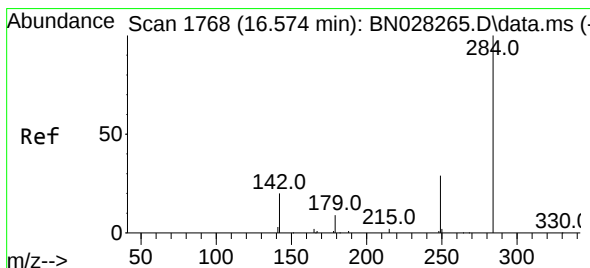
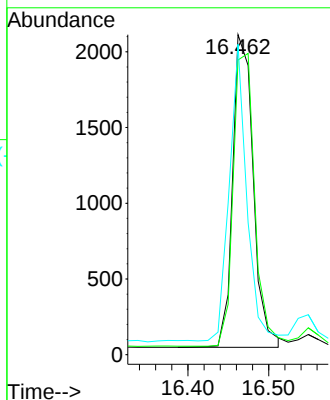
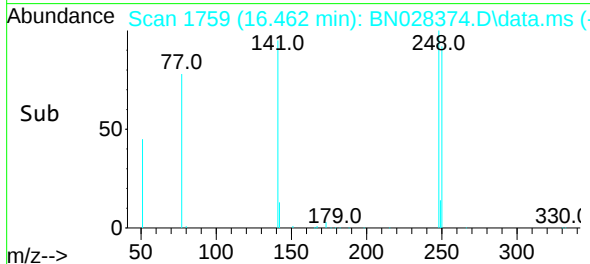
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



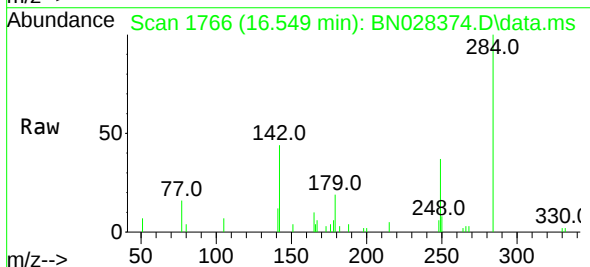
Tgt Ion:248 Resp: 364
Ion Ratio Lower Upper
248 100
250 92.1 80.5 120.7
141 97.0 38.9 58.3

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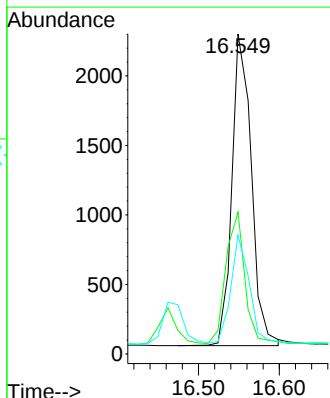
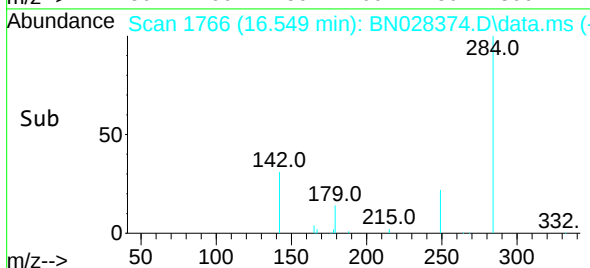
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

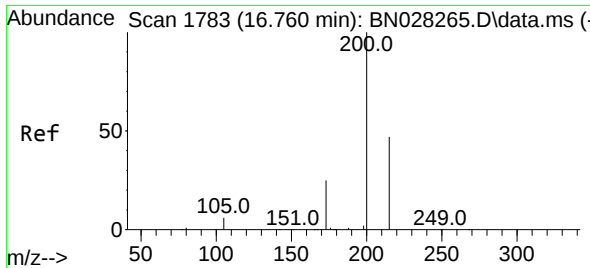


#22
Hexachlorobenzene
Concen: 0.584 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



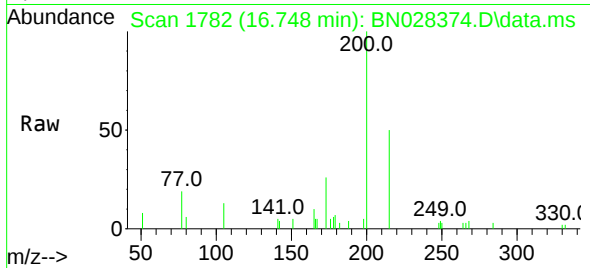
Tgt Ion:284 Resp: 3752
Ion Ratio Lower Upper
284 100
142 40.9 32.1 48.1
249 32.3 25.5 38.3





#23
Atrazine
Concen: 0.568 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

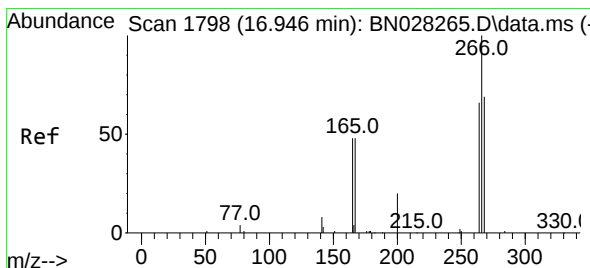
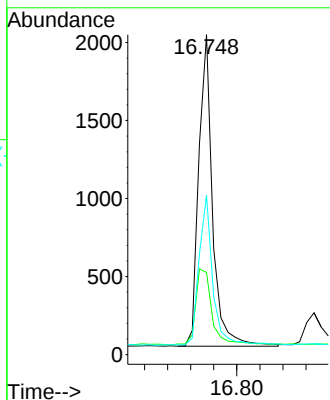
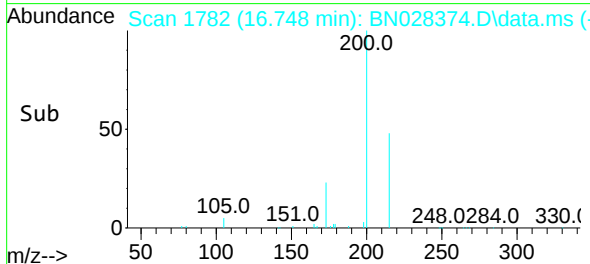
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



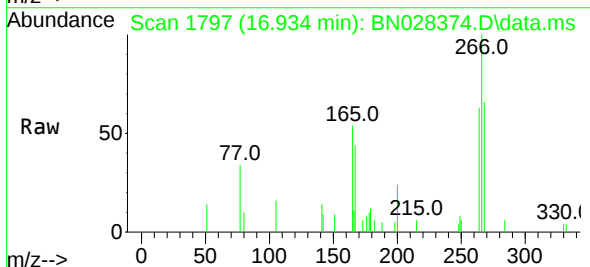
Tgt Ion:200 Resp: 3324
Ion Ratio Lower Upper
200 100
173 25.7 21.6 32.4
215 49.9 39.0 58.6

Manual Integrations
APPROVED

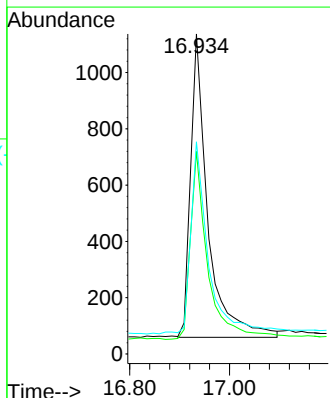
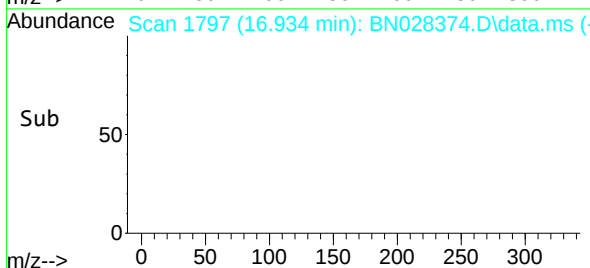
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

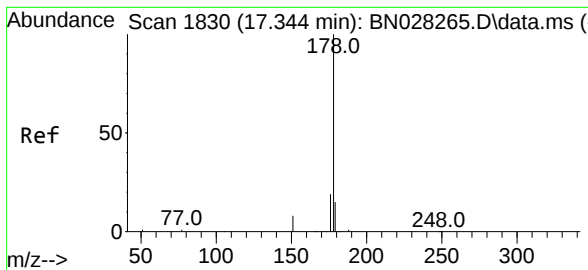


#24
Pentachlorophenol
Concen: 0.884 ng m
RT: 16.934 min Scan# 1797
Delta R.T. -0.099 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



Tgt Ion:266 Resp: 2592
Ion Ratio Lower Upper
266 100
264 0.0 51.5 77.3#
268 0.0 56.6 84.8#





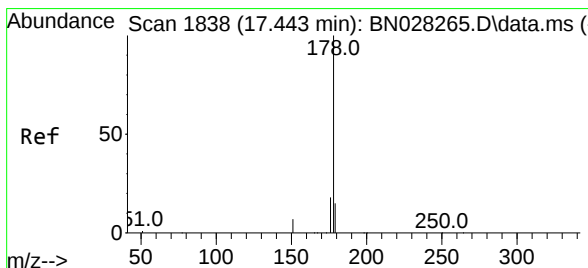
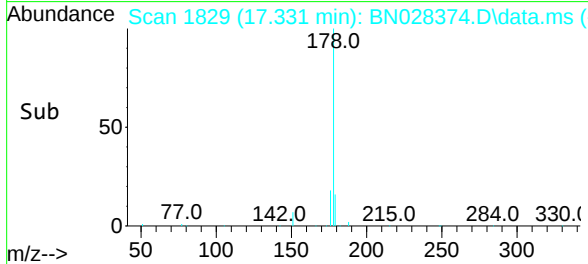
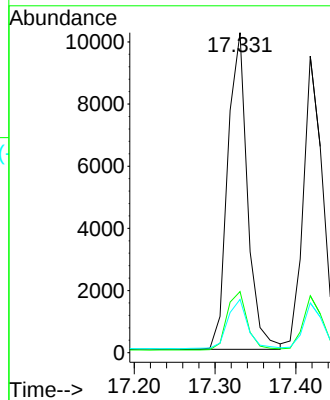
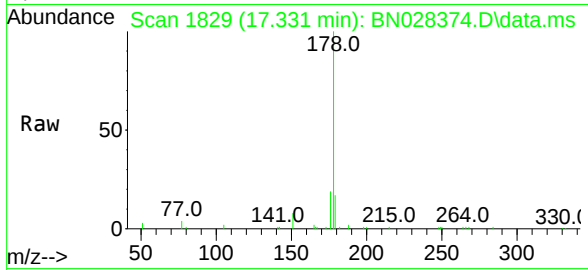
#25
Phenanthrene
Concen: 0.523 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Instrument :
BNA_N
ClientSampleId :
PB156426BSD

Tgt Ion:178 Resp: 1735
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.5 12.5 18.7

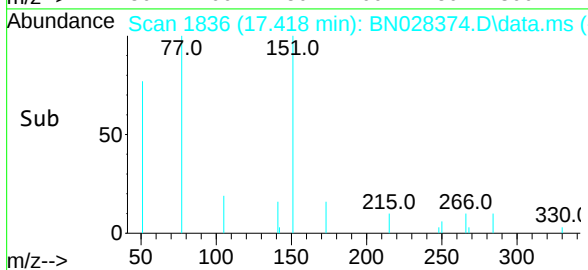
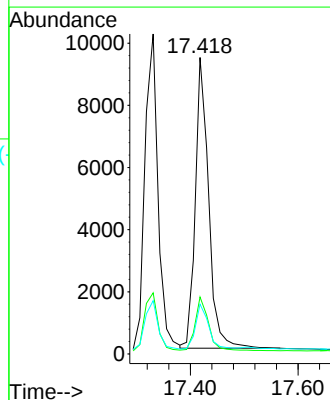
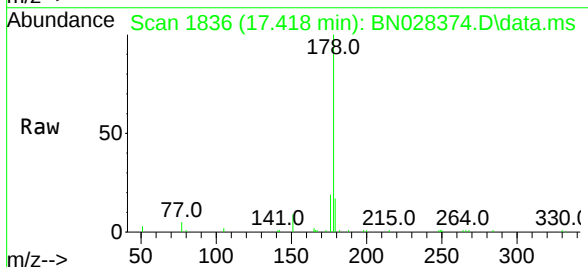
Manual Integrations
APPROVED

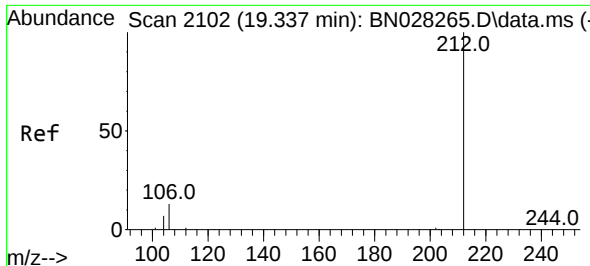
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#26
Anthracene
Concen: 0.509 ng
RT: 17.418 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Tgt Ion:178 Resp: 16107
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.0 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.220 ng
RT: 19.318 min Scan# 2105
Delta R.T. -0.009 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

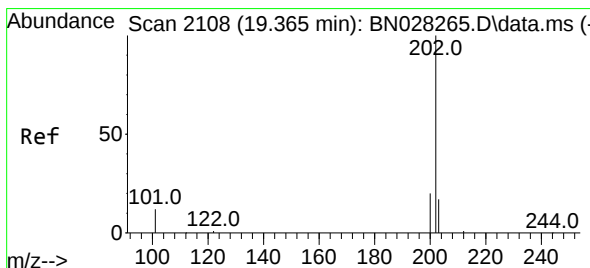
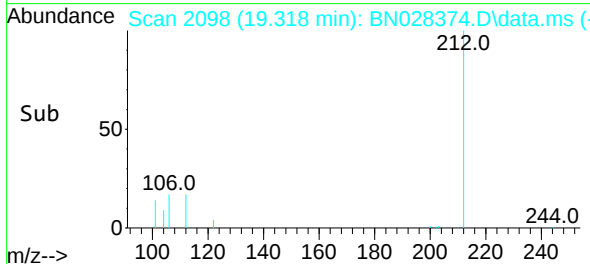
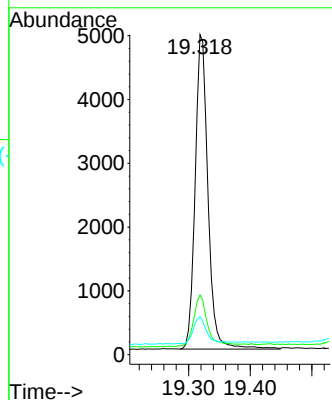
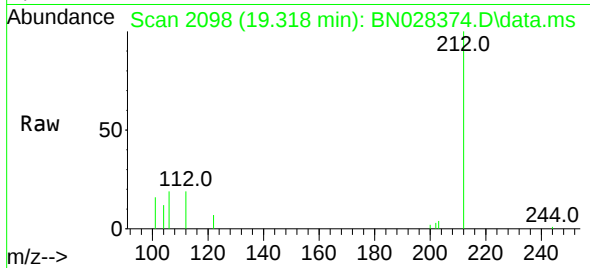
PB156426BSD

Tgt Ion:212 Resp: 7134
Ion Ratio Lower Upper
212 100
106 19.0 11.5 17.3#
104 9.4 6.7 10.1

Manual Integrations

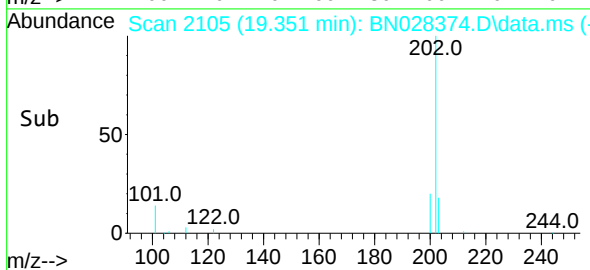
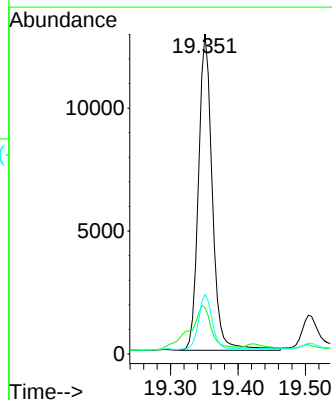
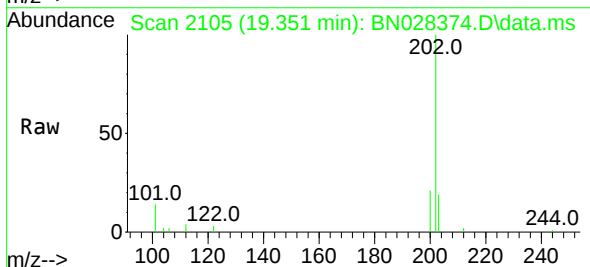
APPROVED

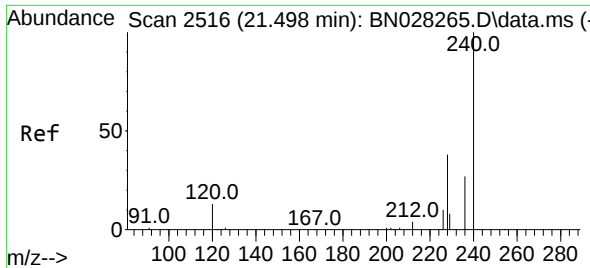
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#28
Fluoranthene
Concen: 0.439 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

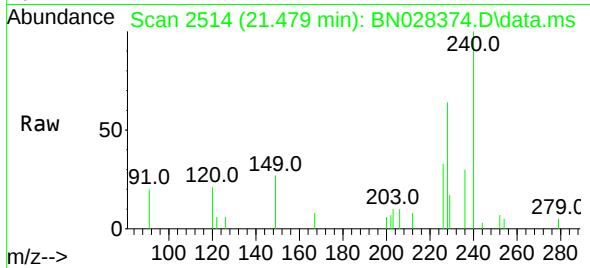
Tgt Ion:202 Resp: 18291
Ion Ratio Lower Upper
202 100
101 23.6 10.1 15.1#
203 17.6 13.9 20.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.479 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

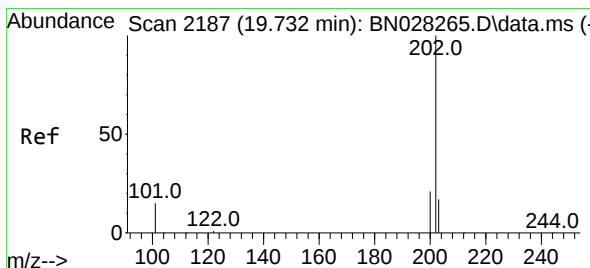
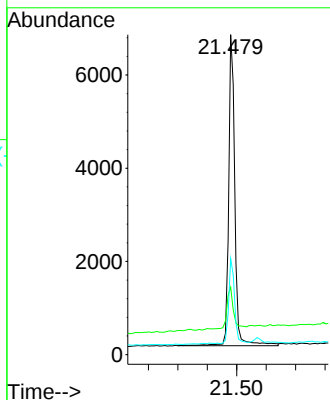
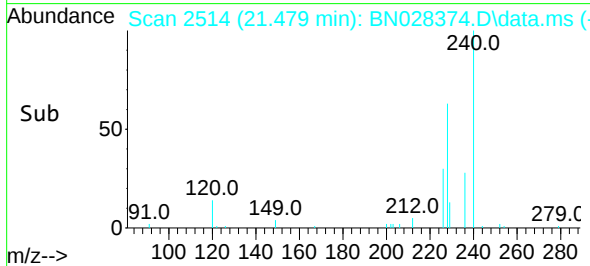
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



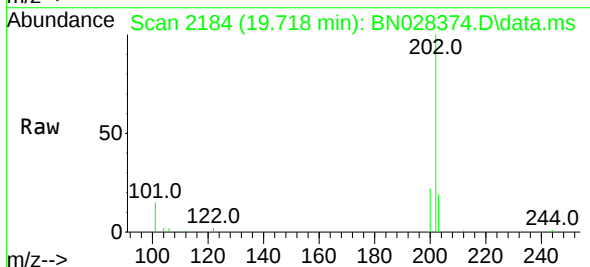
Tgt Ion:240 Resp: 9778
Ion Ratio Lower Upper
240 100
120 21.1 13.4 20.0
236 30.0 22.7 34.1

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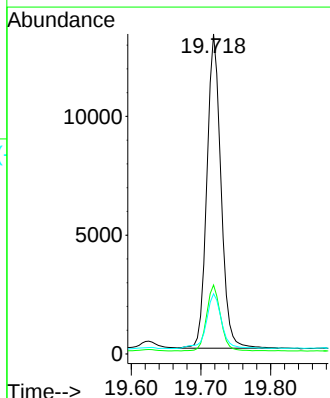
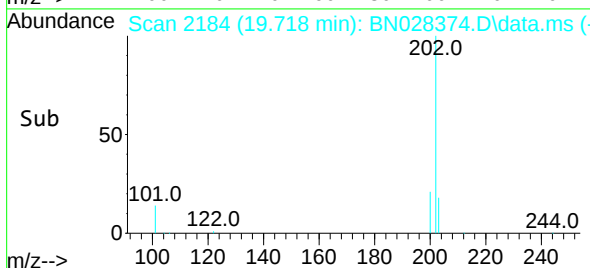
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

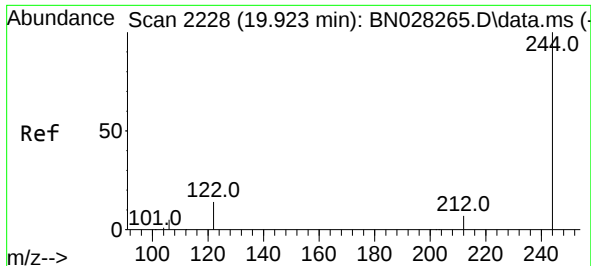


#30
Pyrene
Concen: 0.555 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33



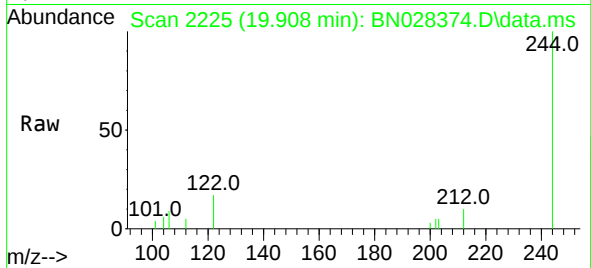
Tgt Ion:202 Resp: 18582
Ion Ratio Lower Upper
202 100
200 20.8 16.7 25.1
203 19.0 14.5 21.7





#31
 Terphenyl-d14
 Concen: 0.273 ng
 RT: 19.908 min Scan# 211
 Delta R.T. -0.009 min
 Lab File: BN028374.D
 Acq: 24 Oct 2023 12:33

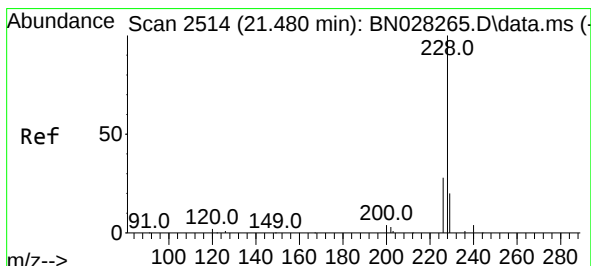
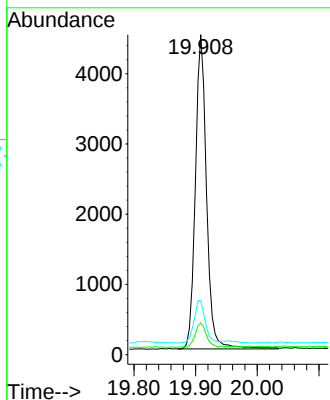
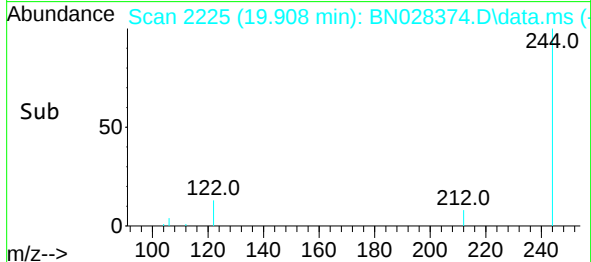
Instrument :
 BNA_N
 ClientSampleId :
 PB156426BSD



Tgt Ion:244 Resp: 566
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.6 10.0
 122 16.8 11.7 17.5

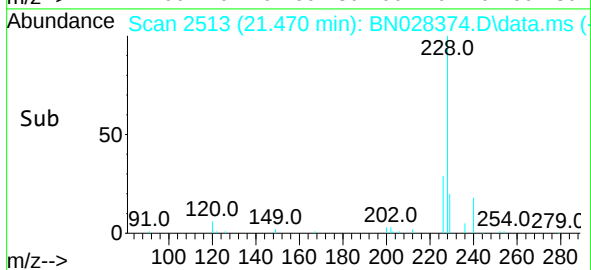
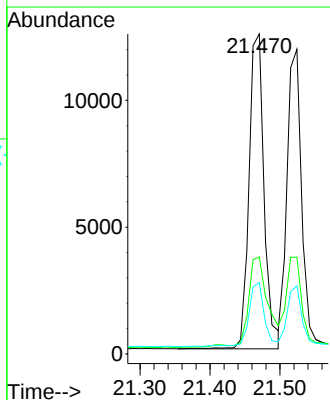
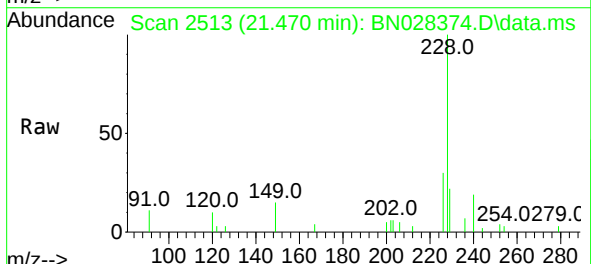
Manual Integrations
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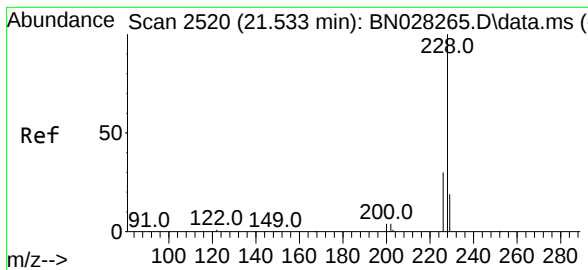
Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023



#32
 Benzo(a)anthracene
 Concen: 0.536 ng
 RT: 21.470 min Scan# 2513
 Delta R.T. -0.000 min
 Lab File: BN028374.D
 Acq: 24 Oct 2023 12:33

Tgt Ion:228 Resp: 18609
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.9 34.3
 229 22.3 16.6 24.8





#33

Chrysene

Concen: 0.511 ng

RT: 21.524 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

PB156426BSD

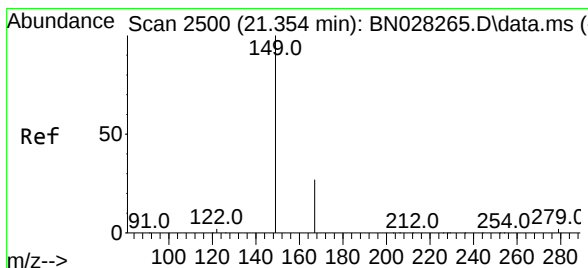
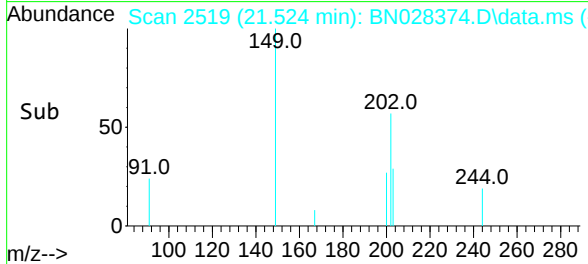
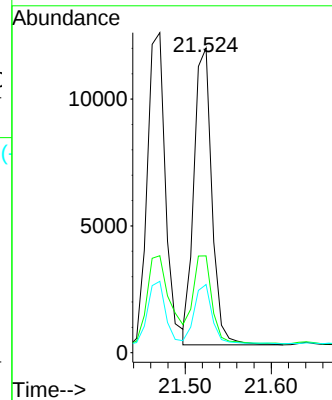
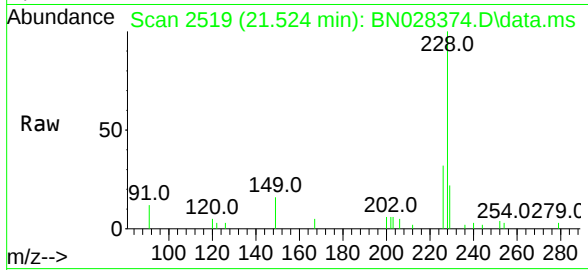
Tgt Ion:	228	Resp:	1699
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.2	37.8
229	22.4	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.446 ng

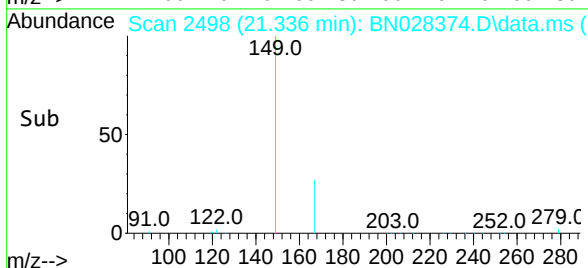
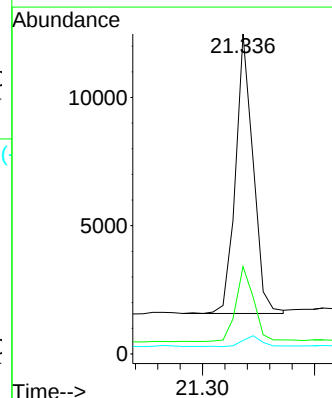
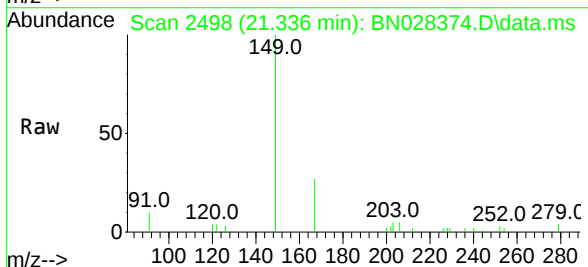
RT: 21.336 min Scan# 2498

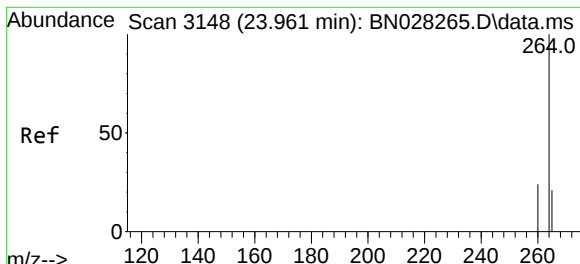
Delta R.T. -0.009 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

Tgt Ion:	149	Resp:	11827
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.6	34.0
279	4.0	4.2	6.2





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.925 min Scan# 3148

Delta R.T. -0.012 min

Lab File: BN028374.D

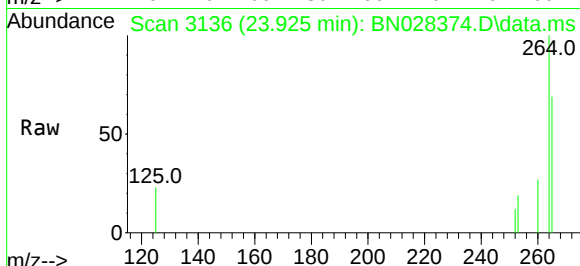
Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

PB156426BSD



Tgt Ion:264 Resp: 11238

Ion Ratio Lower Upper

264 100

260 26.8 20.7 31.1

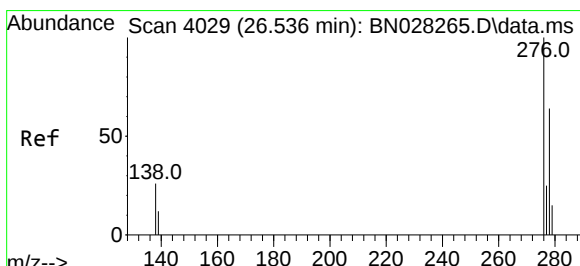
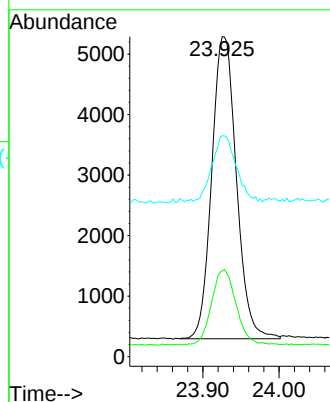
265 69.1 38.3 57.5

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: 0.533 ng

RT: 26.489 min Scan# 4013

Delta R.T. -0.015 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

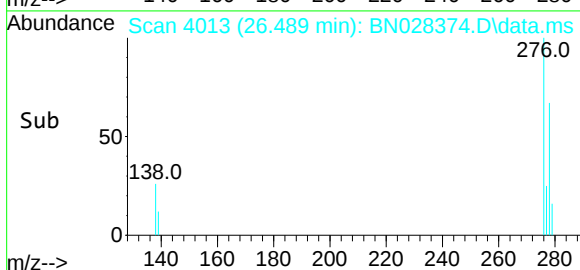
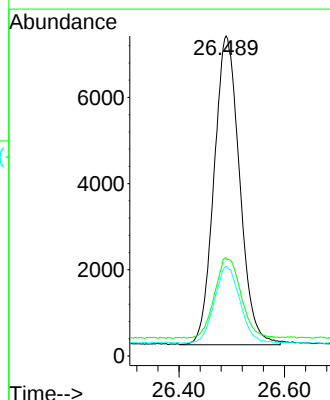
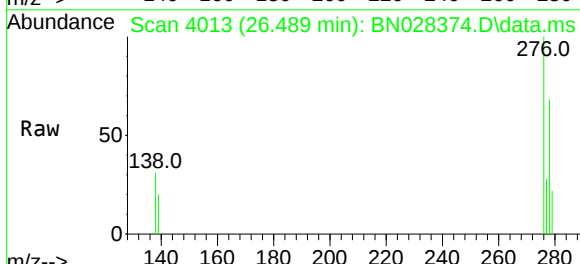
Tgt Ion:276 Resp: 24124

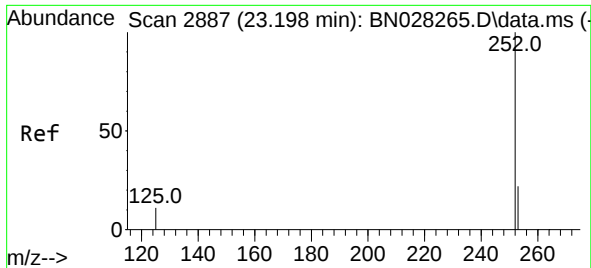
Ion Ratio Lower Upper

276 100

138 26.7 21.3 31.9

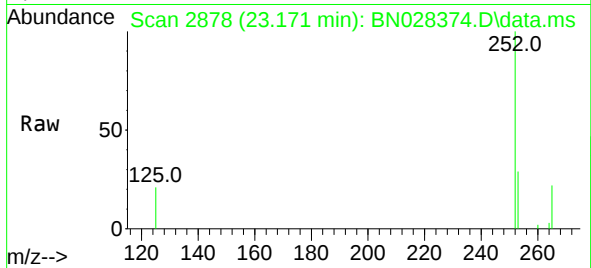
277 25.0 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.557 ng
RT: 23.171 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

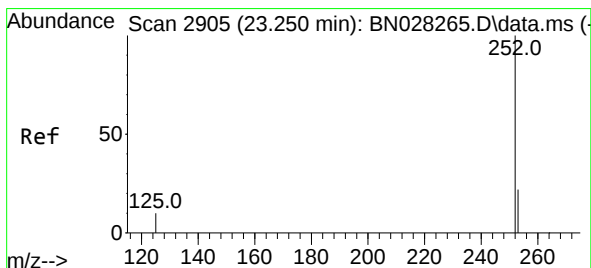
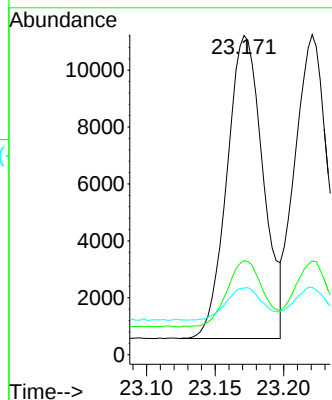
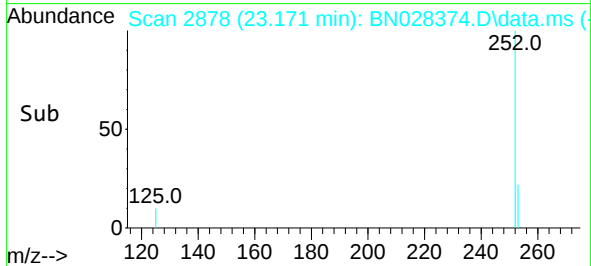
Instrument :
BNA_N
ClientSampleId :
PB156426BSD



Tgt Ion:252 Resp: 1954
Ion Ratio Lower Upper
252 100
253 29.5 21.8 32.8
125 20.9 15.6 23.4

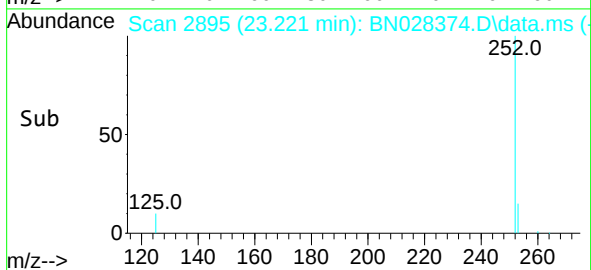
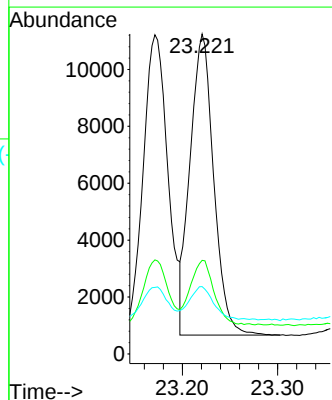
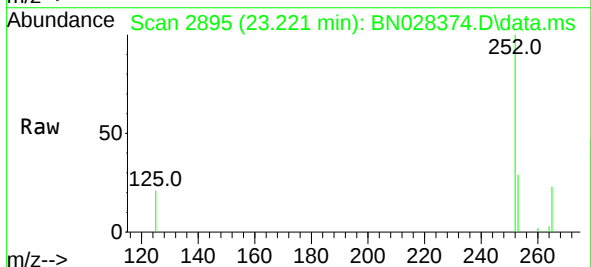
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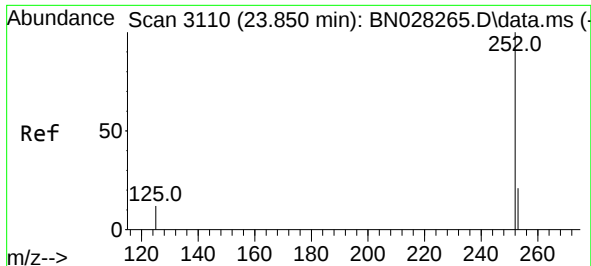
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#38
Benzo(k)fluoranthene
Concen: 0.509 ng
RT: 23.221 min Scan# 2895
Delta R.T. -0.006 min
Lab File: BN028374.D
Acq: 24 Oct 2023 12:33

Tgt Ion:252 Resp: 18175
Ion Ratio Lower Upper
252 100
253 29.3 22.0 33.0
125 21.1 15.3 22.9





#39

Benzo(a)pyrene

Concen: 0.503 ng

RT: 23.820 min Scan# 3110

Delta R.T. -0.009 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

PB156426BSD

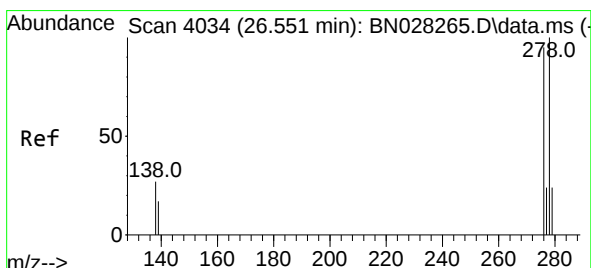
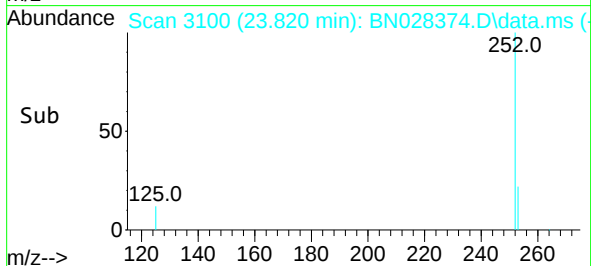
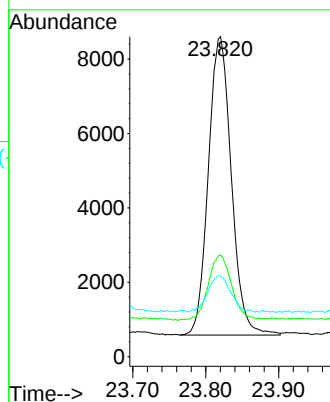
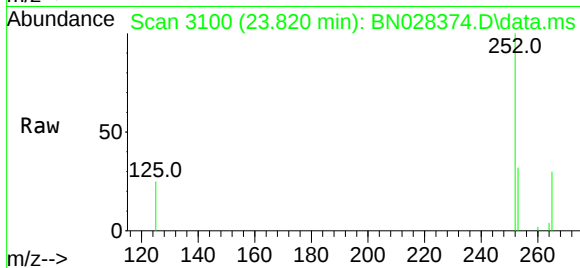
Tgt Ion:	252	Resp:	1756
Ion Ratio	Lower	Upper	
252	100		
253	31.8	22.7	34.1
125	25.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.535 ng

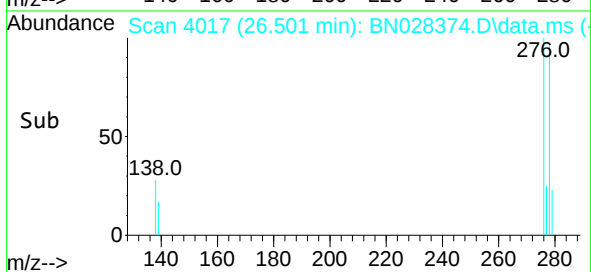
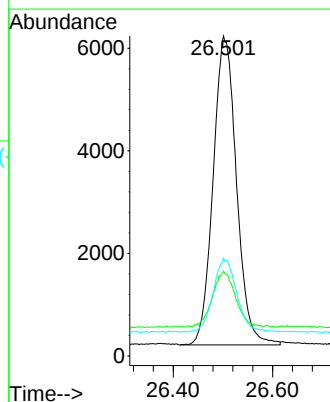
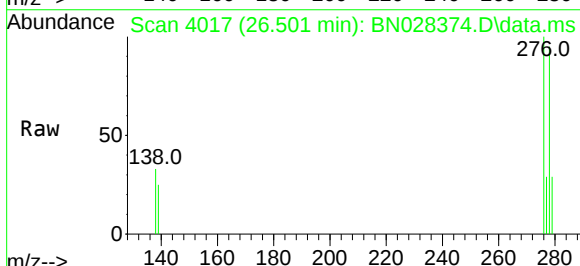
RT: 26.501 min Scan# 4017

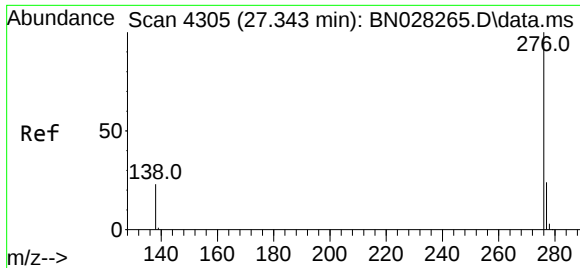
Delta R.T. -0.018 min

Lab File: BN028374.D

Acq: 24 Oct 2023 12:33

Tgt Ion:	278	Resp:	19685
Ion Ratio	Lower	Upper	
278	100		
139	26.5	18.8	28.2
279	30.5	23.5	35.3





#41

Benzo(g,h,i)perylene

Concen: 0.513 ng

RT: 27.293 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN028374.D

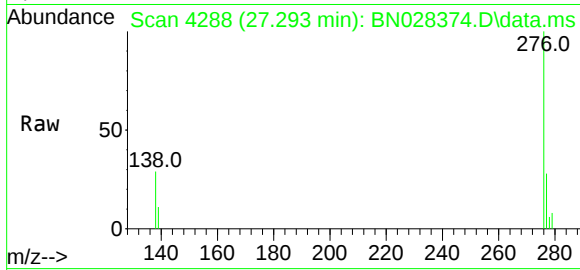
Acq: 24 Oct 2023 12:33

Instrument :

BNA_N

ClientSampleId :

PB156426BSD



Tgt Ion:276 Resp: 19479

Ion Ratio Lower Upper

276 100

277 27.8 21.7 32.5

138 29.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023

