

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
 Data File : BN028373.D
 Acq On : 24 Oct 2023 11:57
 Operator : MA/JU
 Sample : PB156426BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB156426BS

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 01:03:59 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	4495	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	14672	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	6950	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	10873	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9094	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	11323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3536	0.253	ng	0.00
5) Phenol-d6	7.048	99	4368	0.254	ng	0.00
8) Nitrobenzene-d5	9.080	82	3178	0.244	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9554m	0.433	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	588	0.173	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7233	0.296	ng	-0.02
27) Fluoranthene-d10	19.318	212	6751	0.232	ng	0.00
31) Terphenyl-d14	19.908	244	5352	0.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2092	0.385	ng	# 85
3) n-Nitrosodimethylamine	3.653	42	3186	0.537	ng	# 96
6) bis(2-Chloroethyl)ether	7.315	93	7184	0.542	ng	99
9) Naphthalene	10.735	128	20116	0.529	ng	99
10) Hexachlorobutadiene	10.959	225	3540	0.542	ng	# 99
12) 2-Methylnaphthalene	12.351	142	12499	0.462	ng	100
16) Acenaphthylene	14.255	152	20156	0.645	ng	97
17) Acenaphthene	14.587	154	10455	0.531	ng	99
18) Fluorene	15.568	166	12438	0.480	ng	97
21) 4-Bromophenyl-phenylether	16.462	248	3313	0.592	ng	# 75
22) Hexachlorobenzene	16.549	284	3374	0.585	ng	99
23) Atrazine	16.748	200	2982	0.568	ng	98
24) Pentachlorophenol	16.934	266	2421m	0.920	ng	
25) Phenanthrene	17.331	178	15944	0.536	ng	99
26) Anthracene	17.418	178	14870	0.523	ng	100
28) Fluoranthene	19.351	202	17115	0.458	ng	# 84
30) Pyrene	19.718	202	18100	0.582	ng	99
32) Benzo(a)anthracene	21.462	228	18541	0.574	ng	97
33) Chrysene	21.515	228	16900	0.547	ng	96
34) Bis(2-ethylhexyl)phtha...	21.336	149	11671	0.473	ng	98
36) Indeno(1,2,3-cd)pyrene	26.486	276	24070	0.527	ng	99
37) Benzo(b)fluoranthene	23.171	252	19186	0.542	ng	95
38) Benzo(k)fluoranthene	23.221	252	18632	0.517	ng	93
39) Benzo(a)pyrene	23.820	252	17585	0.499	ng	# 92
40) Dibenzo(a,h)anthracene	26.501	278	19547	0.527	ng	96
41) Benzo(g,h,i)perylene	27.290	276	19659	0.514	ng	98

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

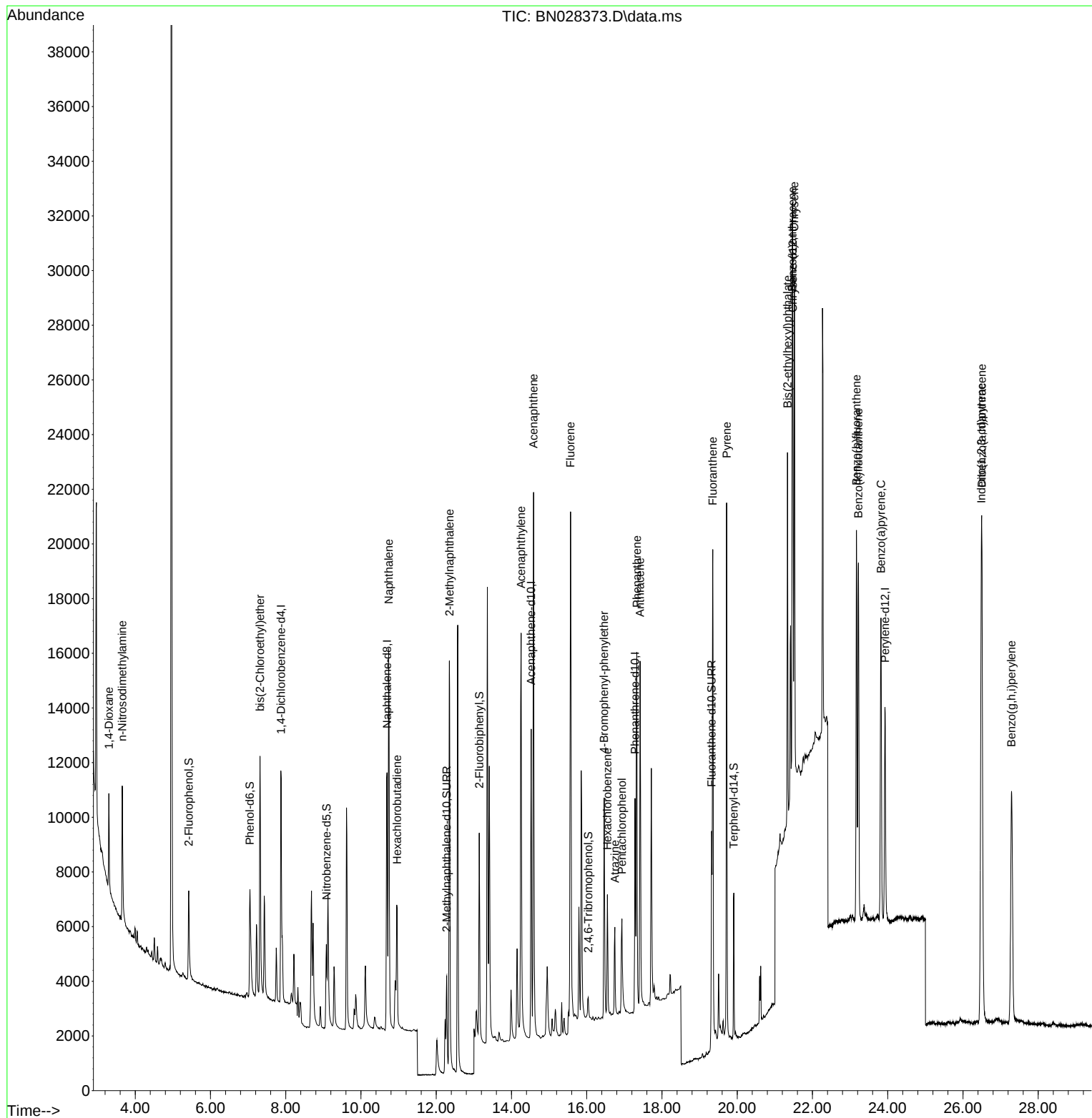
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028373.D
Acq On : 24 Oct 2023 11:57
Operator : MA/JU
Sample : PB156426BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

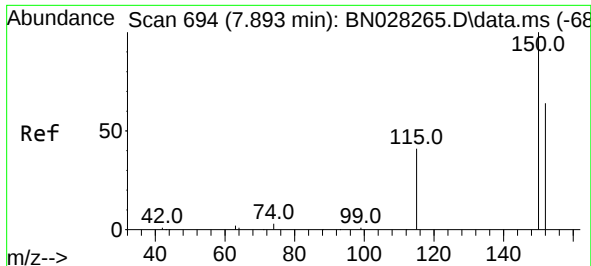
Instrument :
BNA_N
ClientSampleId :
PB156426BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/25/2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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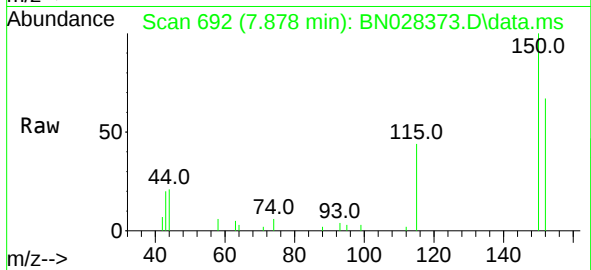
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.878 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57

Instrument :

BNA_N

ClientSampleId :

PB156426BS

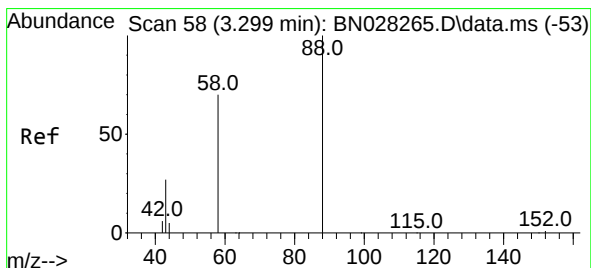
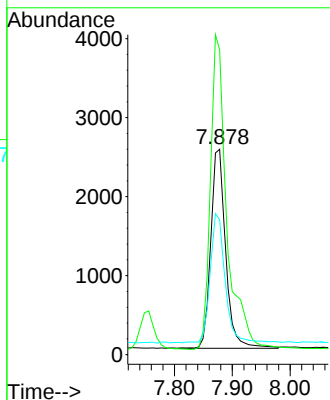
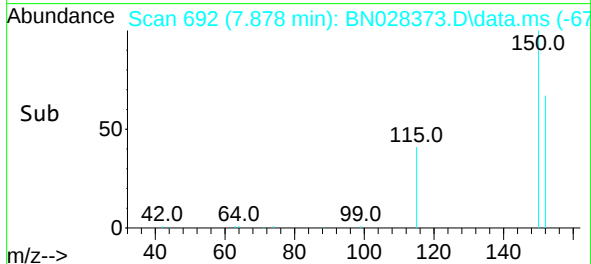


Tgt Ion: 152 Resp: 449
 Ion Ratio Lower Upper
 152 100
 150 148.4 121.6 182.4
 115 65.7 54.3 81.5

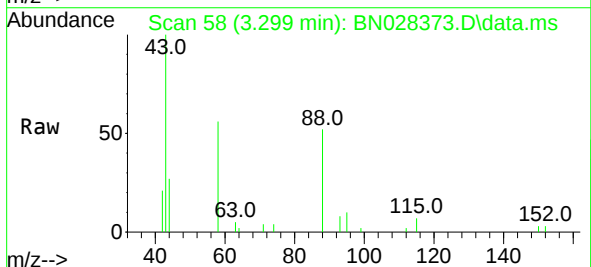
Manual Integrations

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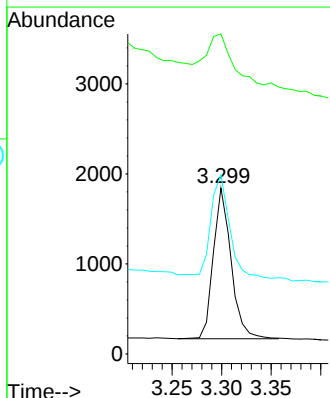
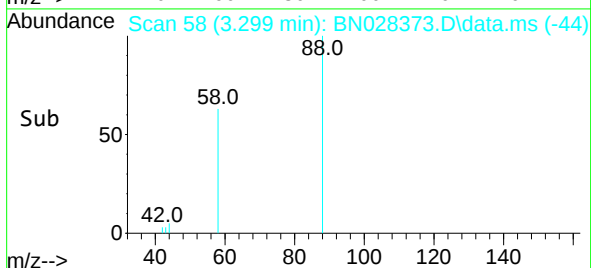
Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

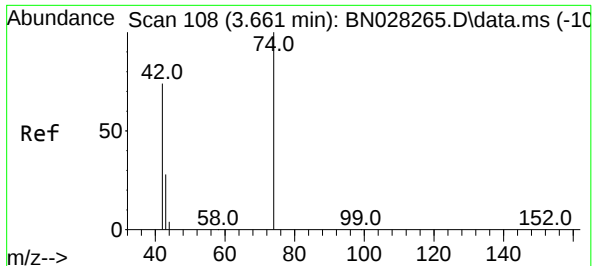


#2
 1,4-Dioxane
 Concen: 0.385 ng
 RT: 3.299 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57



Tgt Ion: 88 Resp: 2092
 Ion Ratio Lower Upper
 88 100
 43 55.9 26.6 39.8
 58 71.9 55.4 83.0





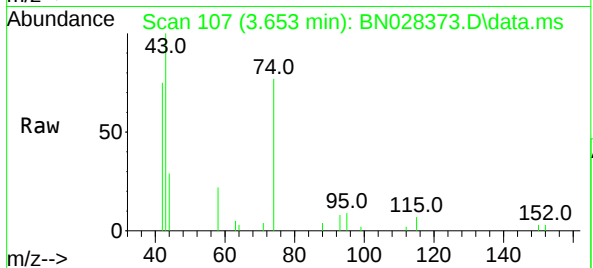
#3
n-Nitrosodimethylamine
Concen: 0.537 ng
RT: 3.653 min Scan# 108
Delta R.T. -0.015 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

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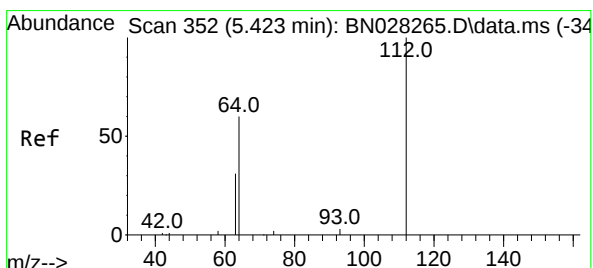
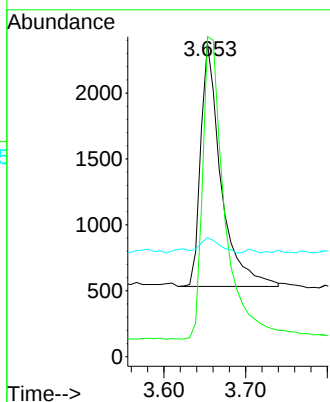
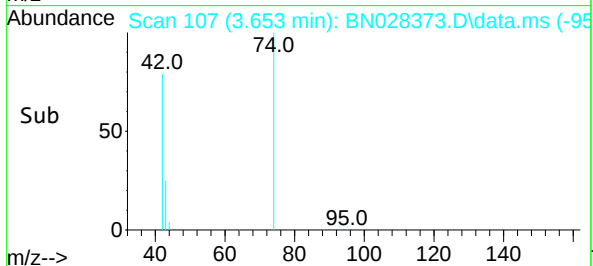


Tgt Ion: 42 Resp: 3180
Ion Ratio Lower Upper
42 100
74 135.5 112.6 168.8
44 7.4 7.8 11.6

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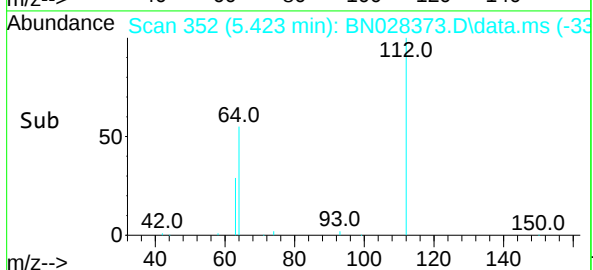
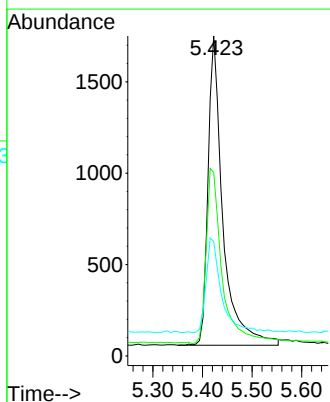
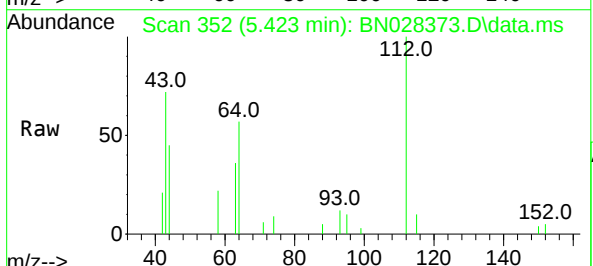
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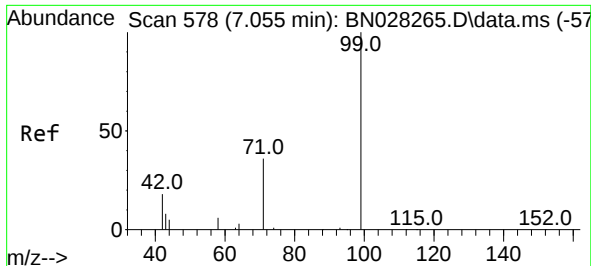
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#4
2-Fluorophenol
Concen: 0.253 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

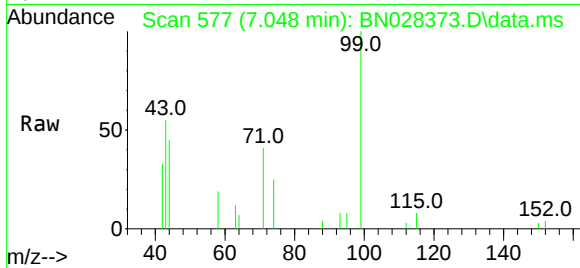
Tgt Ion:112 Resp: 3536
Ion Ratio Lower Upper
112 100
64 61.0 46.9 70.3
63 32.0 25.0 37.4





#5
Phenol-d6
Concen: 0.254 ng
RT: 7.048 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

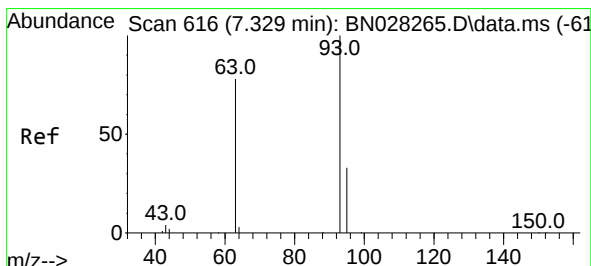
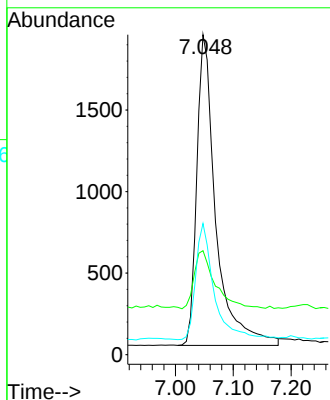
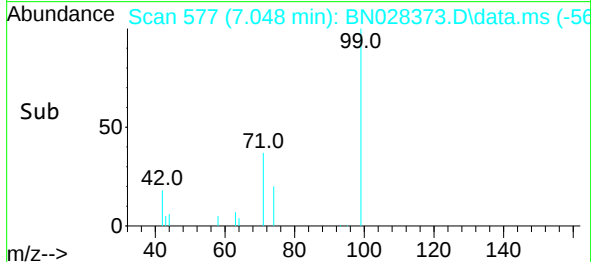
Instrument :
BNA_N
ClientSampleId :
PB156426BS



Tgt Ion: 99 Resp: 4368
Ion Ratio Lower Upper
99 100
42 20.8 15.9 23.9
71 36.6 28.6 42.8

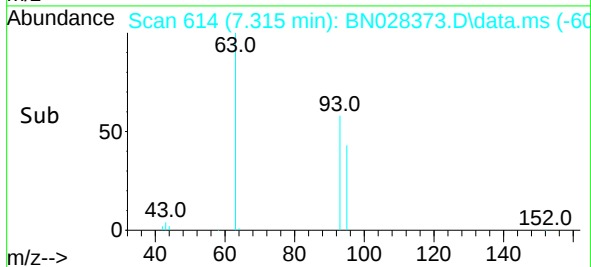
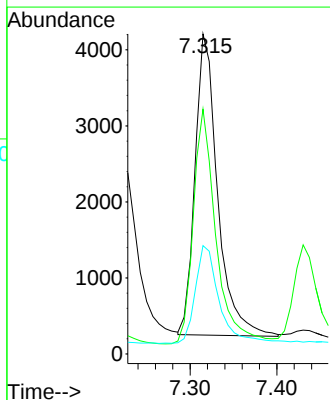
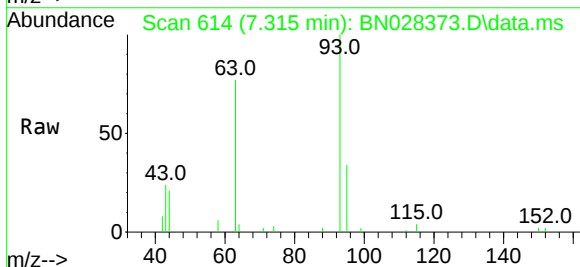
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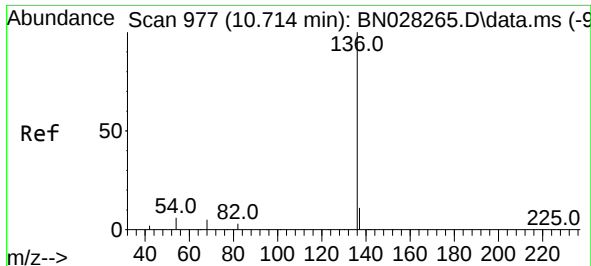
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.542 ng
RT: 7.315 min Scan# 614
Delta R.T. -0.007 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion: 93 Resp: 7184
Ion Ratio Lower Upper
93 100
63 78.3 62.6 93.8
95 35.4 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: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :

BNA_N

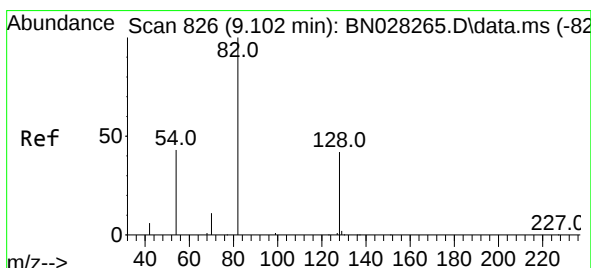
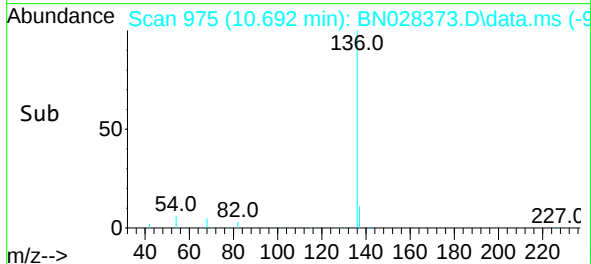
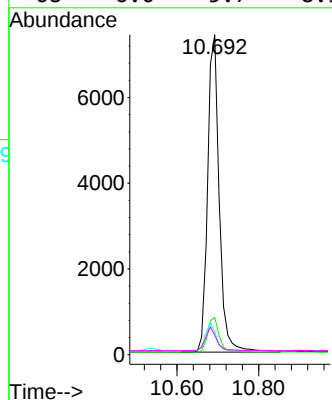
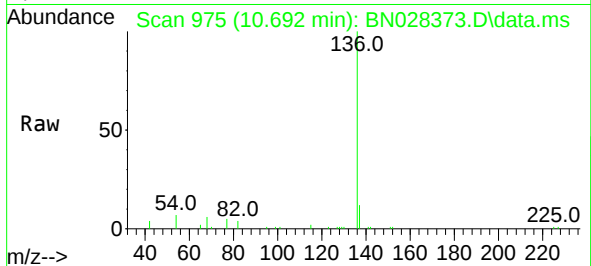
ClientSampleId :

PB156426BS

Tgt Ion:136 Resp: 1467
Ion Ratio Lower Upper
136 100
137 11.6 9.8 14.8
54 7.1 6.2 9.4
68 6.0 5.7 8.5

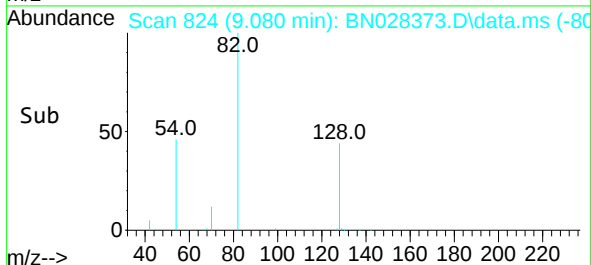
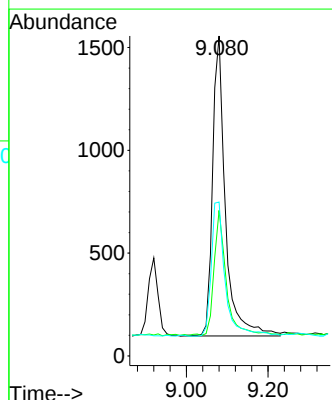
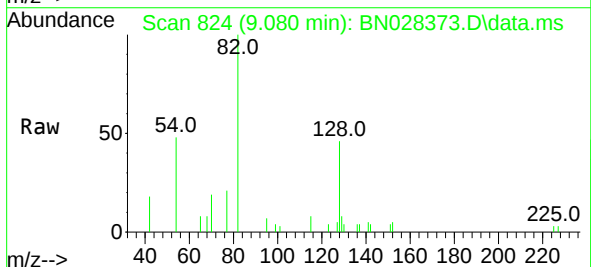
Manual Integrations
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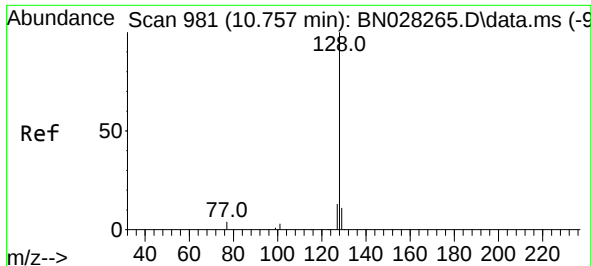
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#8
Nitrobenzene-d5
Concen: 0.244 ng
RT: 9.080 min Scan# 824
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion: 82 Resp: 3178
Ion Ratio Lower Upper
82 100
128 45.5 36.8 55.2
54 48.1 37.4 56.2





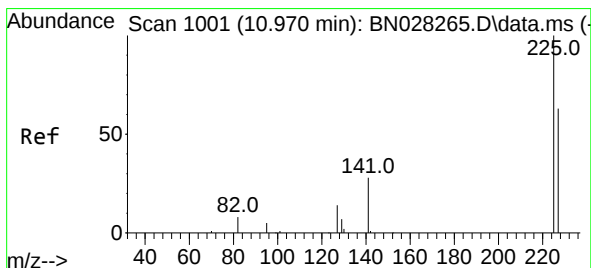
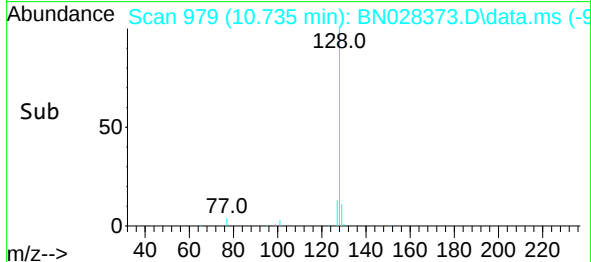
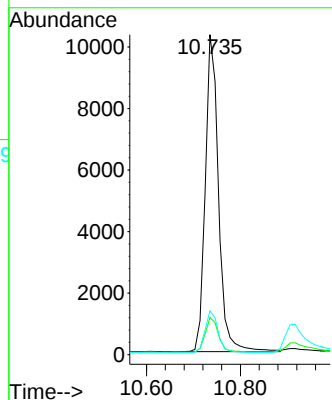
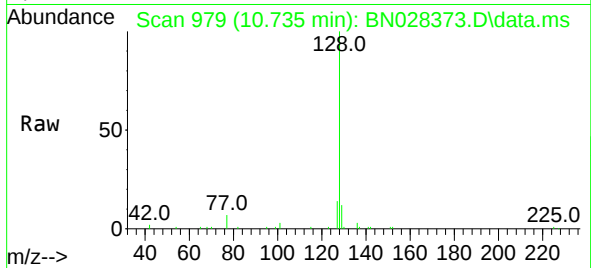
#9
Naphthalene
Concen: 0.529 ng
RT: 10.735 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:128 Resp: 20110
Ion Ratio Lower Upper
128 100
129 11.6 9.8 14.6
127 13.7 11.4 17.0

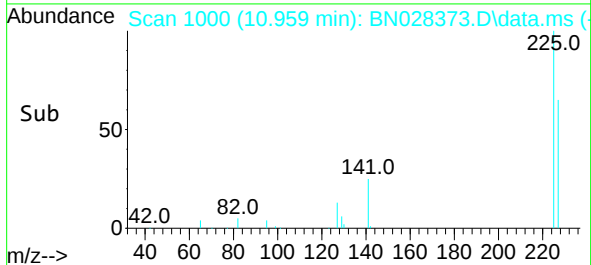
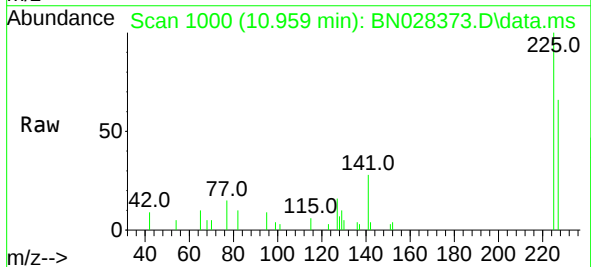
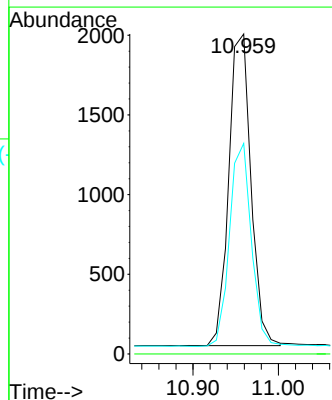
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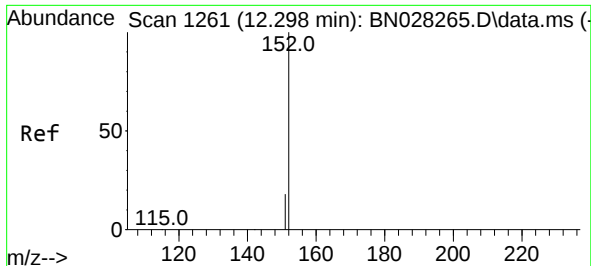
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#10
Hexachlorobutadiene
Concen: 0.542 ng
RT: 10.959 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

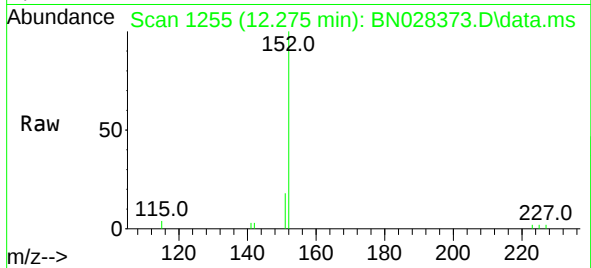
Tgt Ion:225 Resp: 3540
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.6 77.4





#11
2-Methylnaphthalene-d10
Concen: 0.433 ng m
RT: 12.275 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

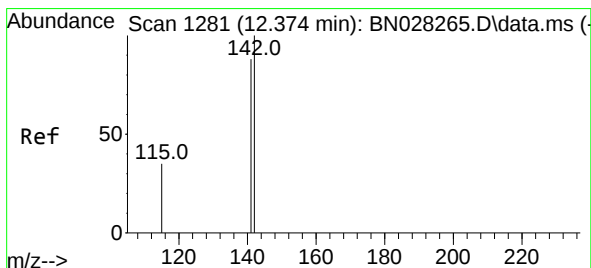
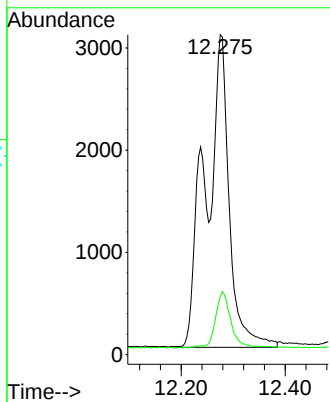
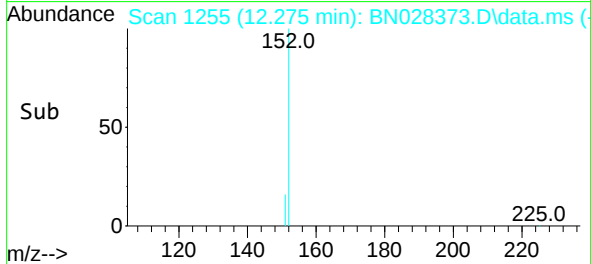
Instrument :
BNA_N
ClientSampleId :
PB156426BS



Tgt Ion:152 Resp: 9554
Ion Ratio Lower Upper
152 100
151 11.6 16.1 24.1

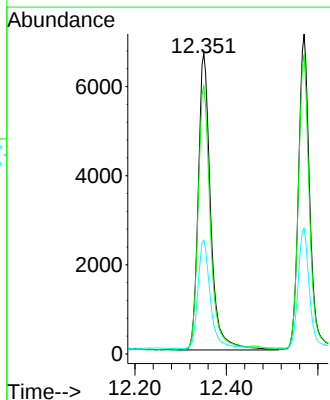
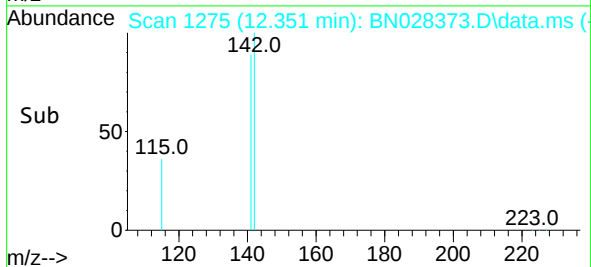
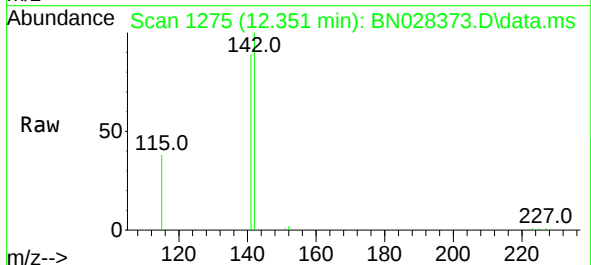
Manual Integrations
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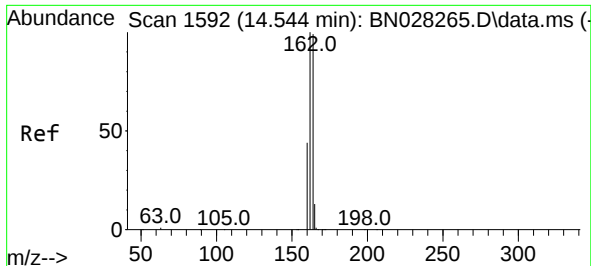
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#12
2-Methylnaphthalene
Concen: 0.462 ng
RT: 12.351 min Scan# 1275
Delta R.T. -0.019 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

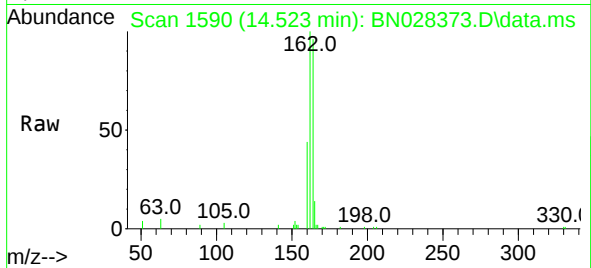
Tgt Ion:142 Resp: 12499
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7
115 37.8 29.9 44.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.523 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

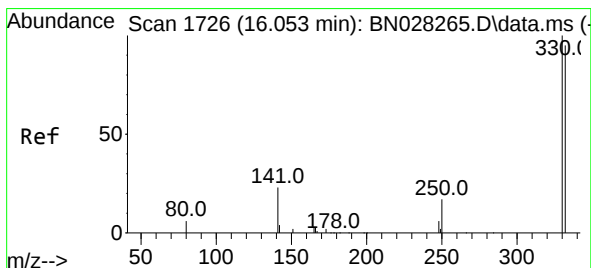
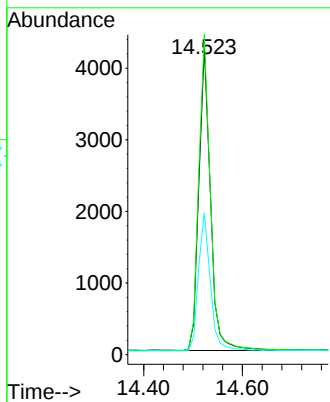
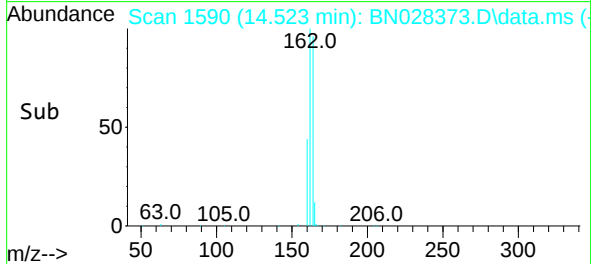
Instrument :
BNA_N
ClientSampleId :
PB156426BS



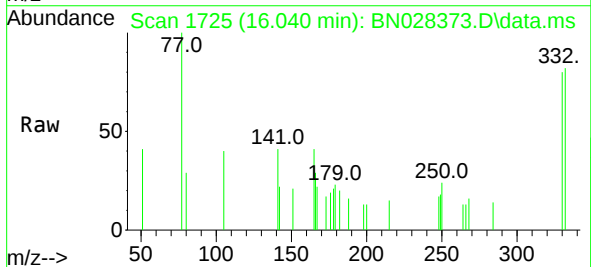
Tgt Ion:164 Resp: 6950
Ion Ratio Lower Upper
164 100
162 104.1 81.1 121.7
160 46.1 36.6 54.8

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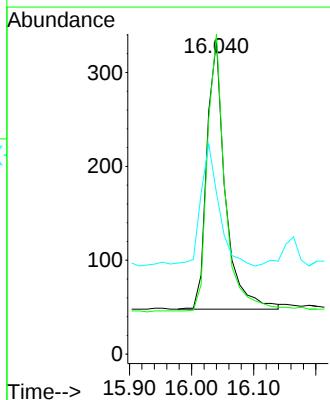
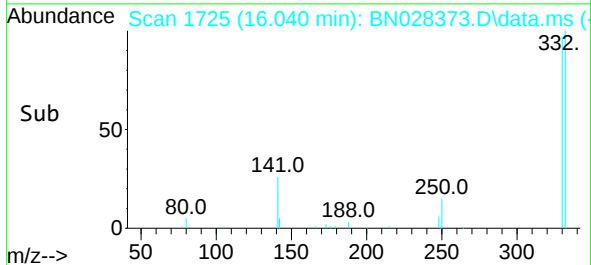
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

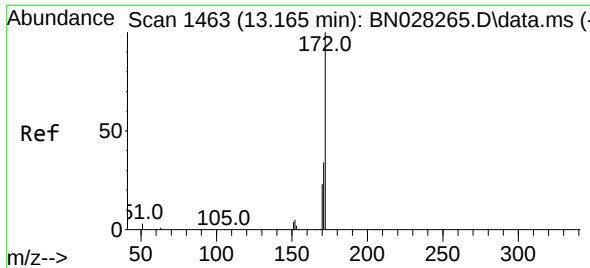


#14
2,4,6-Tribromophenol
Concen: 0.173 ng
RT: 16.040 min Scan# 1725
Delta R.T. -0.025 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



Tgt Ion:330 Resp: 588
Ion Ratio Lower Upper
330 100
332 98.8 74.1 111.1
141 44.4 32.1 48.1





#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 13.144 min Scan# 1463
Delta R.T. -0.021 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :

BNA_N

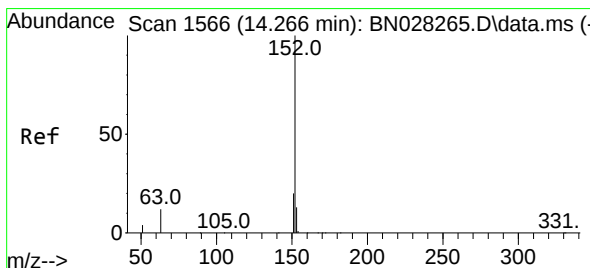
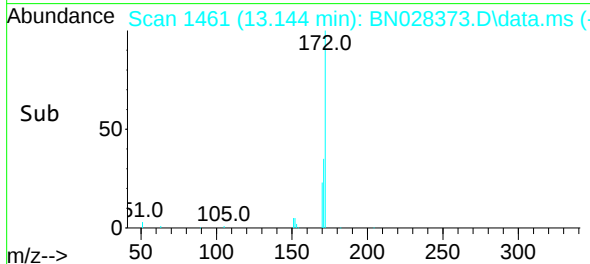
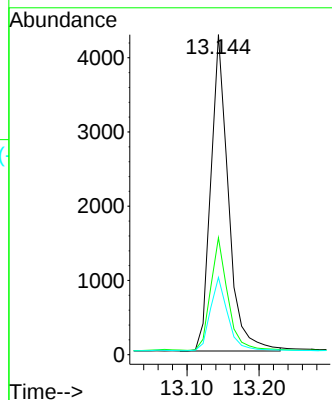
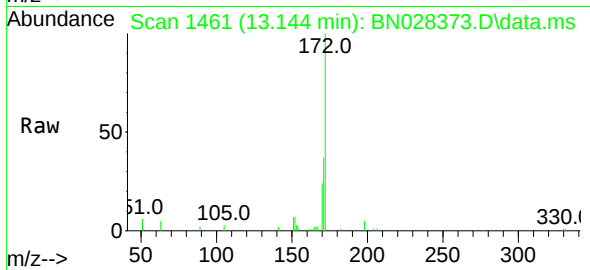
ClientSampleId :

PB156426BS

Tgt Ion:172 Resp: 723
Ion Ratio Lower Upper
172 100
171 36.6 28.3 42.5
170 24.1 18.7 28.1

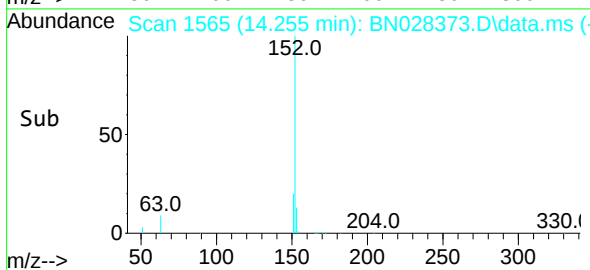
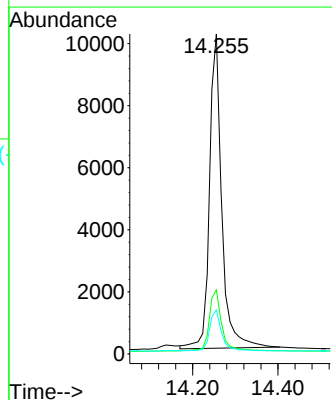
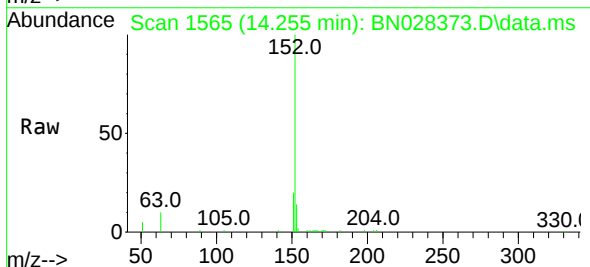
Manual Integrations
APPROVED

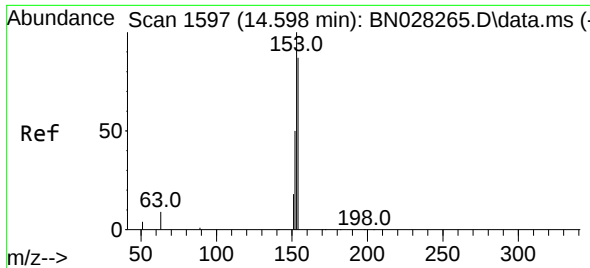
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#16
Acenaphthylene
Concen: 0.645 ng
RT: 14.255 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

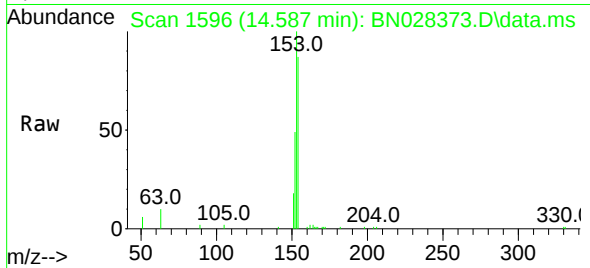
Tgt Ion:152 Resp: 20156
Ion Ratio Lower Upper
152 100
151 21.0 15.6 23.4
153 12.6 10.6 16.0





#17
Acenaphthene
Concen: 0.531 ng
RT: 14.587 min Scan# 1596
Delta R.T. -0.011 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

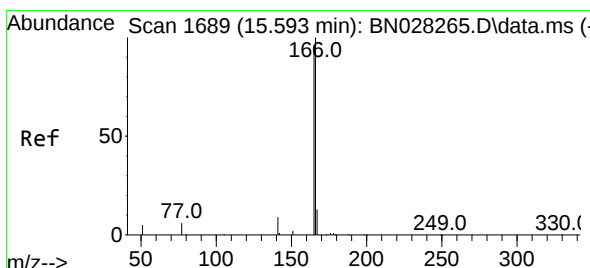
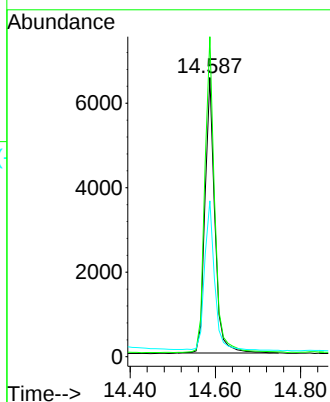
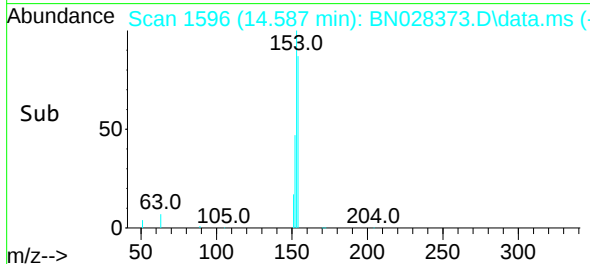
Instrument :
BNA_N
ClientSampleId :
PB156426BS



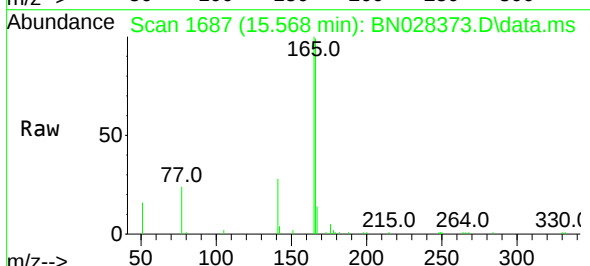
Tgt Ion:154 Resp: 1045
Ion Ratio Lower Upper
154 100
153 114.5 90.7 136.1
152 55.5 43.6 65.4

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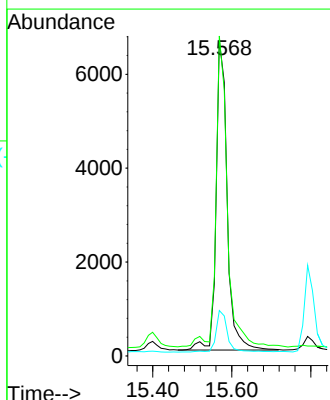
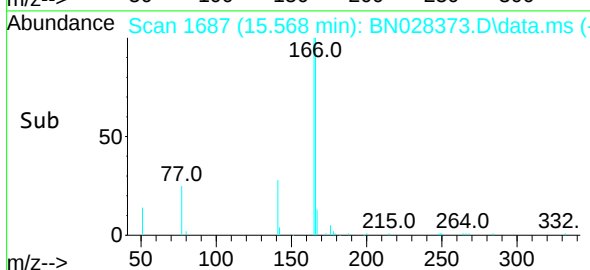
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

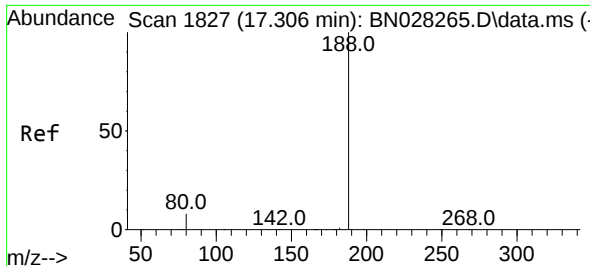


#18
Fluorene
Concen: 0.480 ng
RT: 15.568 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



Tgt Ion:166 Resp: 12438
Ion Ratio Lower Upper
166 100
165 102.4 79.3 118.9
167 14.0 10.9 16.3





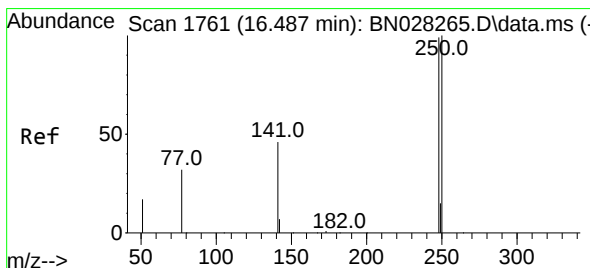
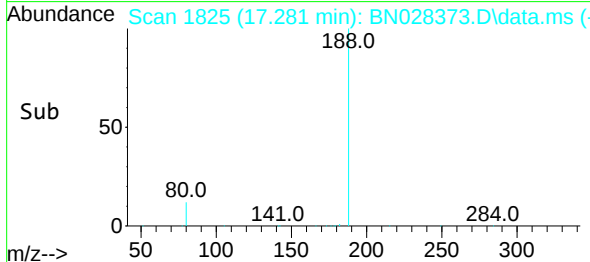
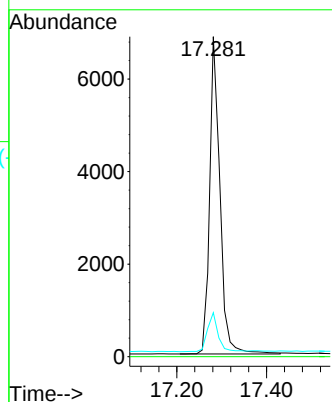
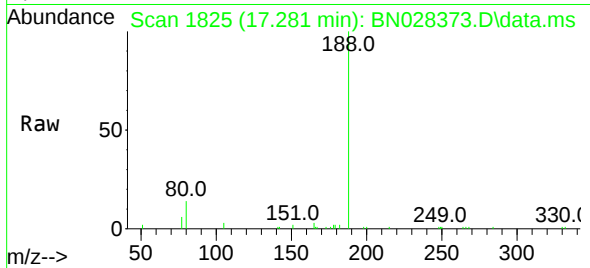
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.281 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:188 Resp: 1087
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.8 7.1 10.7

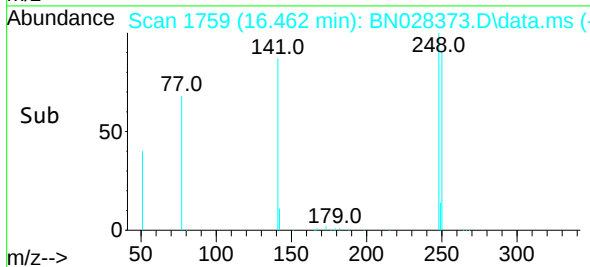
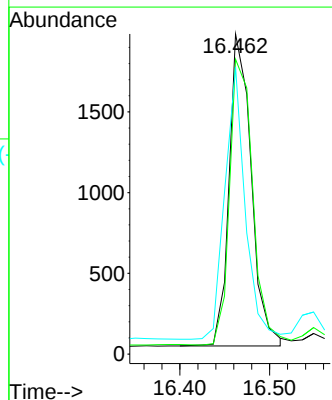
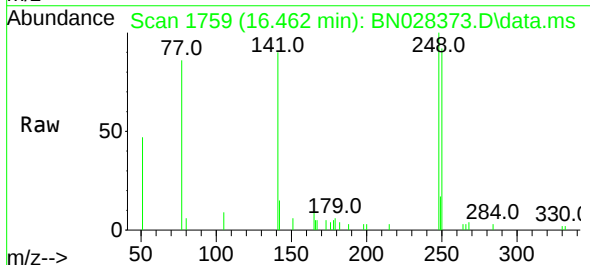
Manual Integrations
APPROVED

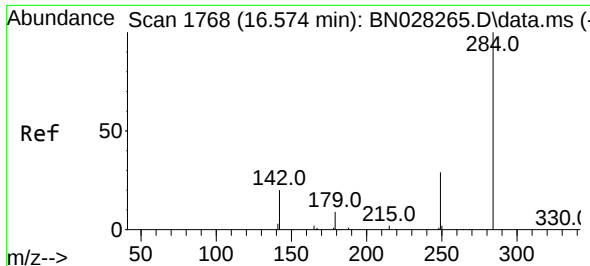
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#21
4-Bromophenyl-phenylether
Concen: 0.592 ng
RT: 16.462 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

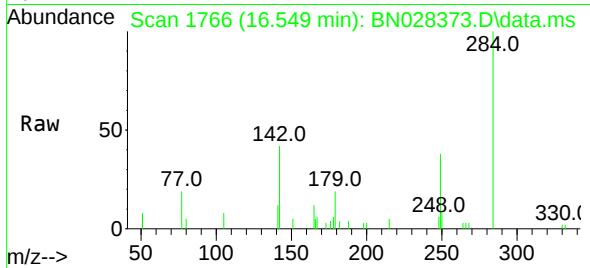
Tgt Ion:248 Resp: 3313
Ion Ratio Lower Upper
248 100
250 92.1 80.5 120.7
141 89.7 38.9 58.3





#22
Hexachlorobenzene
Concen: 0.585 ng
RT: 16.549 min Scan# 1766
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

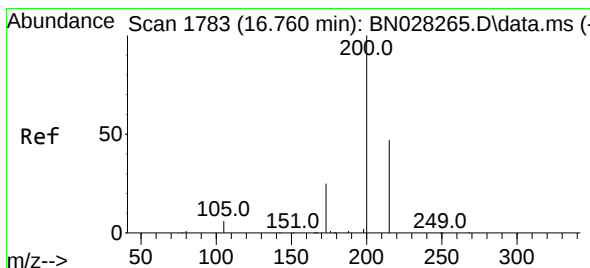
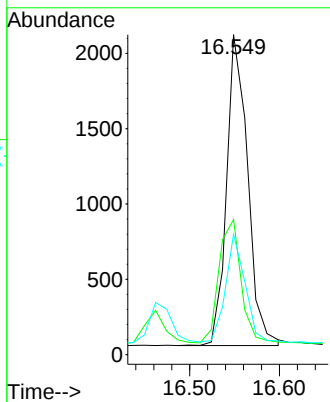
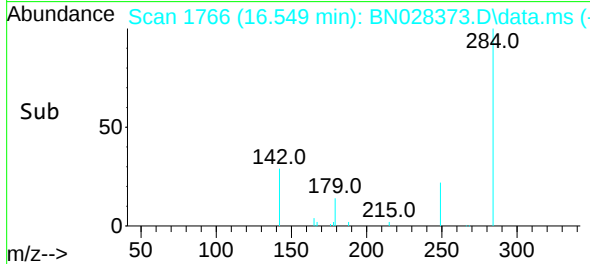
Instrument :
BNA_N
ClientSampleId :
PB156426BS



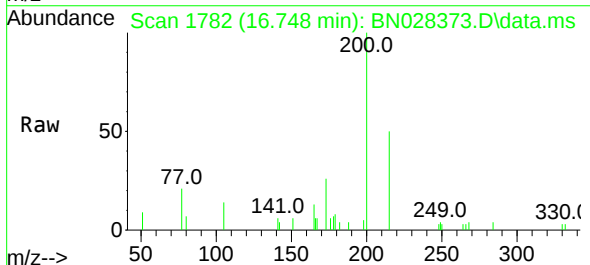
Tgt Ion:284 Resp: 3374
Ion Ratio Lower Upper
284 100
142 41.3 32.1 48.1
249 31.8 25.5 38.3

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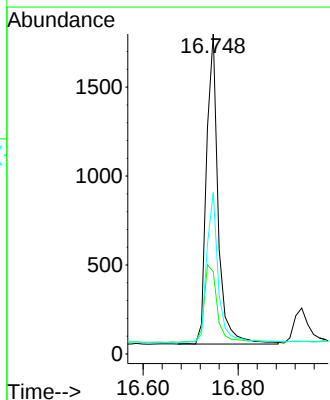
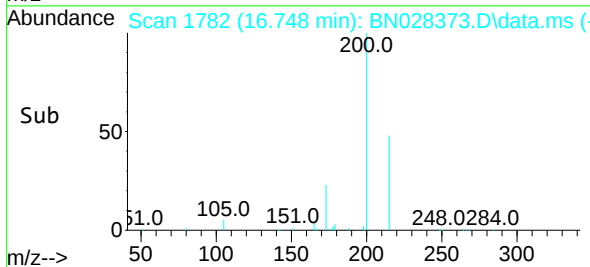
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

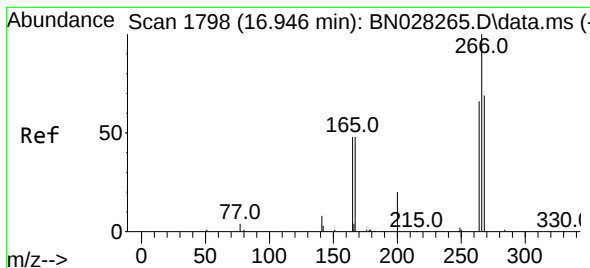


#23
Atrazine
Concen: 0.568 ng
RT: 16.748 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



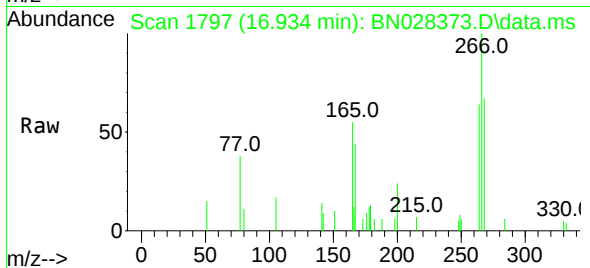
Tgt Ion:200 Resp: 2982
Ion Ratio Lower Upper
200 100
173 25.7 21.6 32.4
215 50.5 39.0 58.6





#24
Pentachlorophenol
Concen: 0.920 ng m
RT: 16.934 min Scan# 11
Delta R.T. -0.099 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

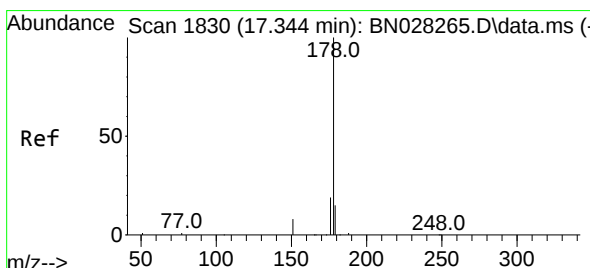
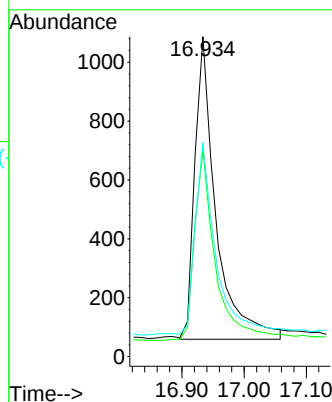
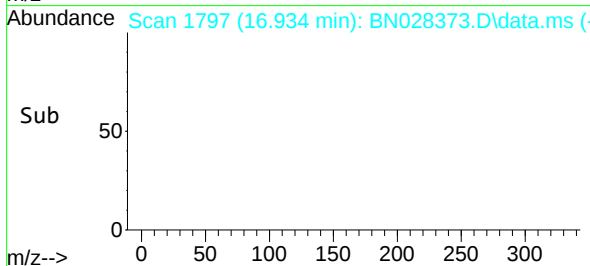
Instrument :
BNA_N
ClientSampleId :
PB156426BS



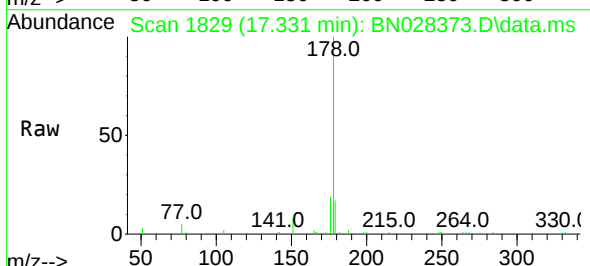
Tgt Ion:266 Resp: 242
Ion Ratio Lower Upper
266 100
264 0.0 51.5 77.3
268 0.0 56.6 84.8

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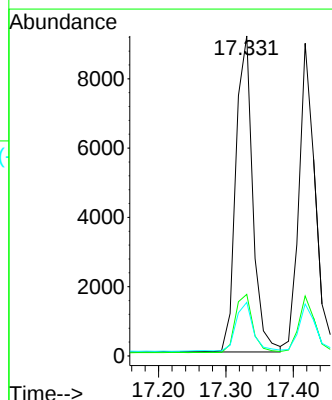
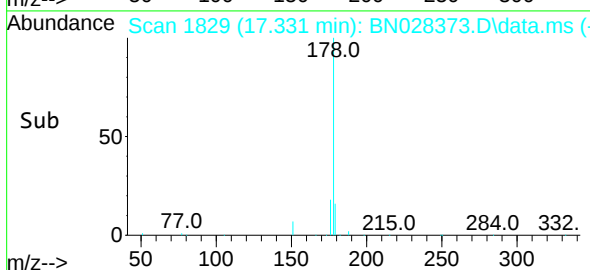
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

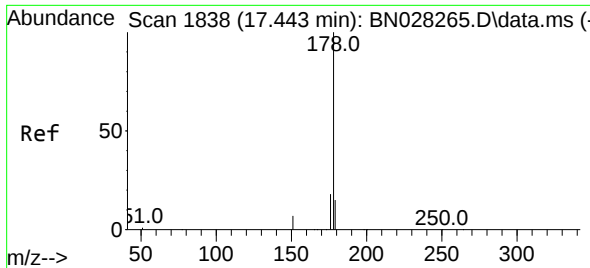


#25
Phenanthrene
Concen: 0.536 ng
RT: 17.331 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



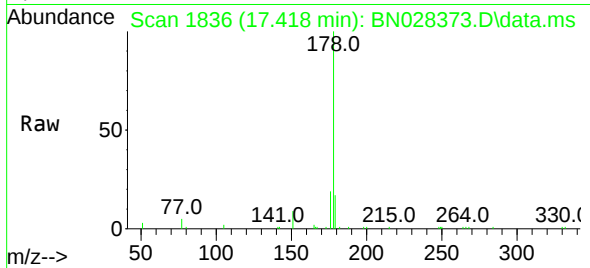
Tgt Ion:178 Resp: 15944
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 16.2 12.5 18.7





#26
 Anthracene
 Concen: 0.523 ng
 RT: 17.418 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57

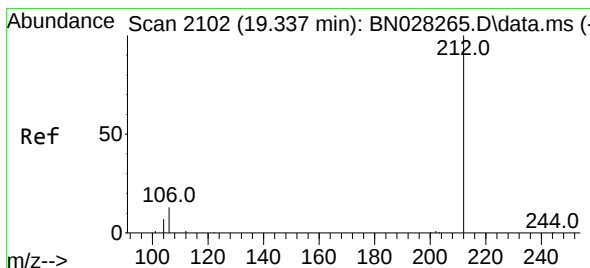
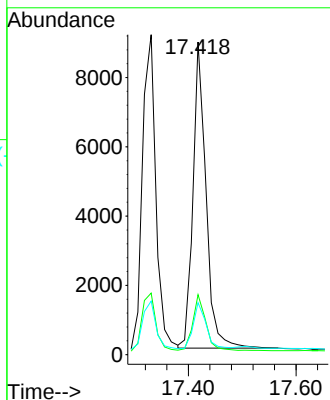
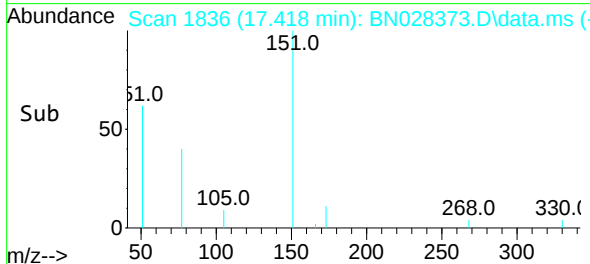
Instrument :
 BNA_N
 ClientSampleId :
 PB156426BS



Tgt Ion:178 Resp: 14870
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 14.9 12.2 18.4

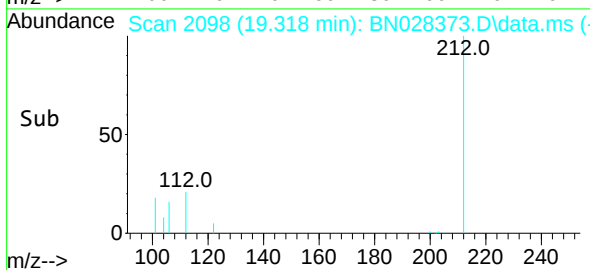
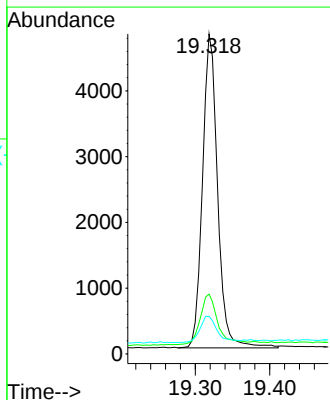
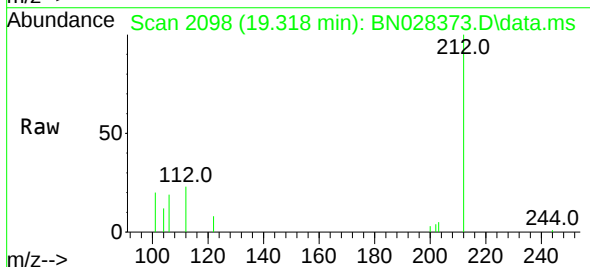
Manual Integrations
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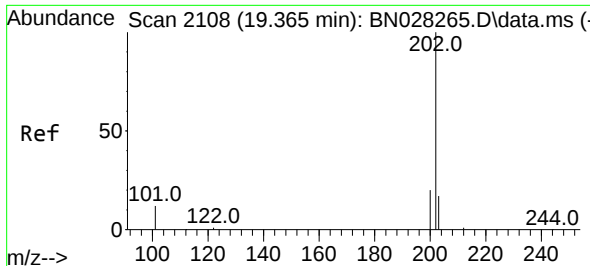
Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023



#27
 Fluoranthene-d10
 Concen: 0.232 ng
 RT: 19.318 min Scan# 2098
 Delta R.T. -0.009 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57

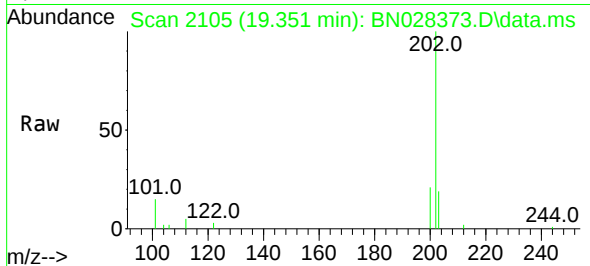
Tgt Ion:212 Resp: 6751
 Ion Ratio Lower Upper
 212 100
 106 19.7 11.5 17.3#
 104 9.6 6.7 10.1





#28
Fluoranthene
Concen: 0.458 ng
RT: 19.351 min Scan# 2105
Delta R.T. -0.005 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

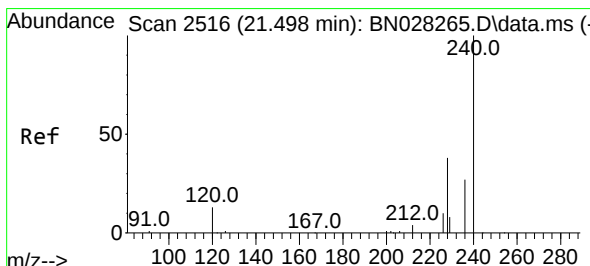
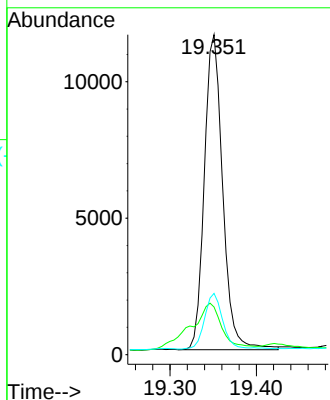
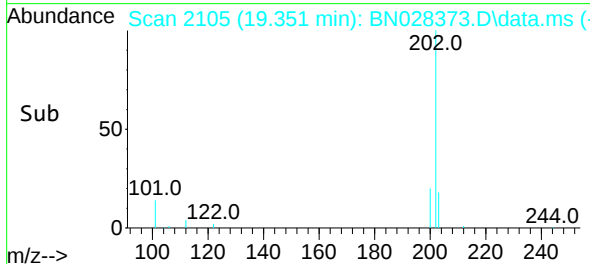
Instrument :
BNA_N
ClientSampleId :
PB156426BS



Tgt Ion:202 Resp: 17115
Ion Ratio Lower Upper
202 100
101 27.7 10.1 15.1
203 17.3 13.9 20.9

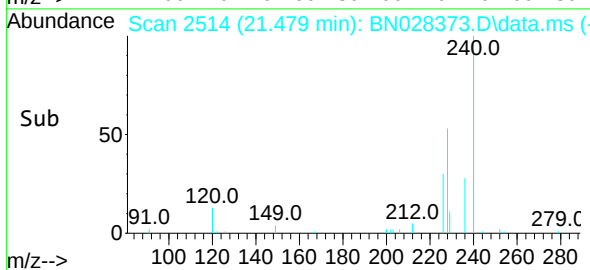
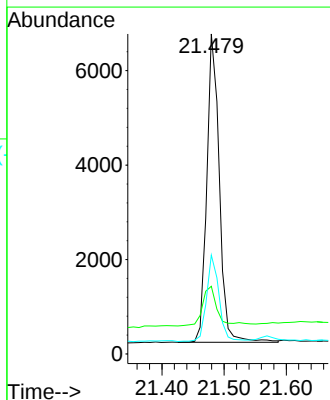
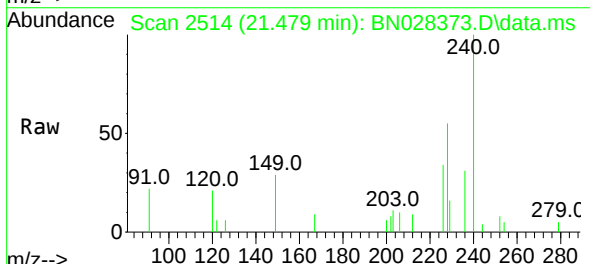
Manual Integrations
APPROVED

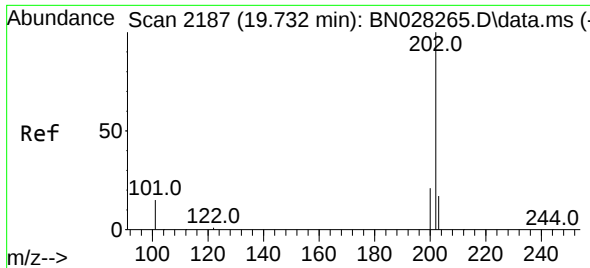
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.479 min Scan# 2514
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:240 Resp: 9094
Ion Ratio Lower Upper
240 100
120 21.1 13.4 20.0#
236 30.9 22.7 34.1





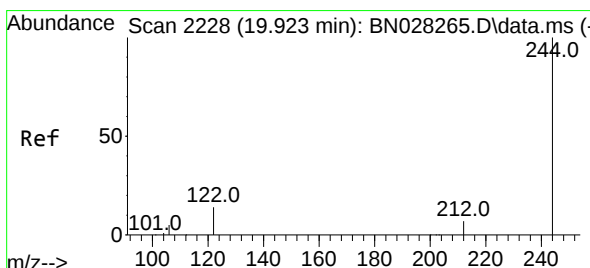
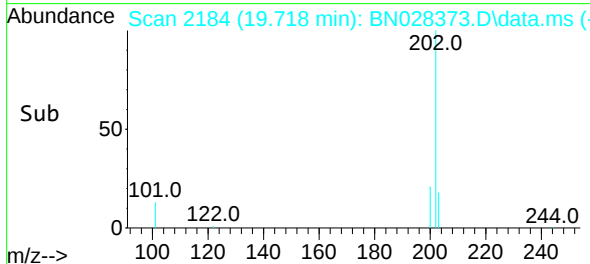
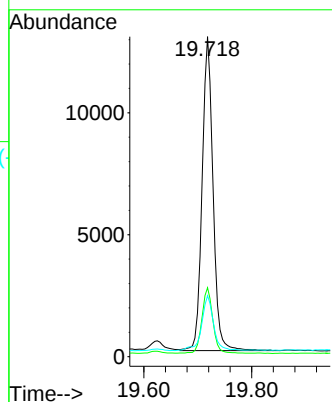
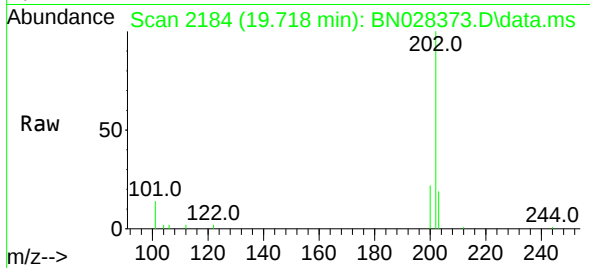
#30
Pyrene
Concen: 0.582 ng
RT: 19.718 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Tgt Ion:202 Resp: 18100
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 19.0 14.5 21.7

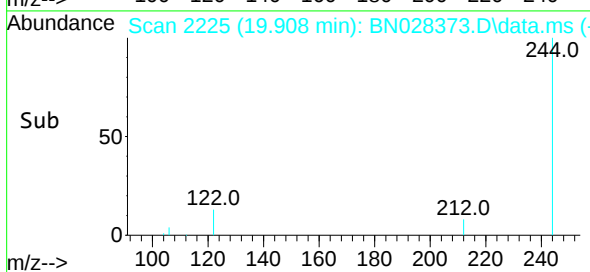
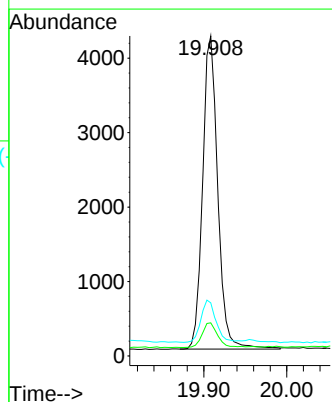
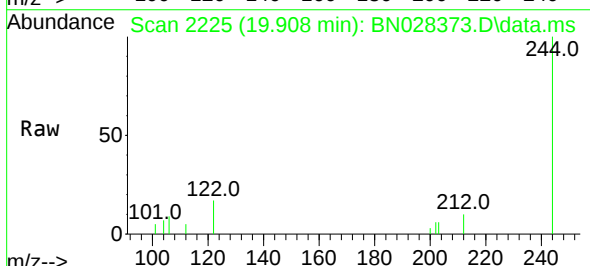
Manual Integrations
APPROVED

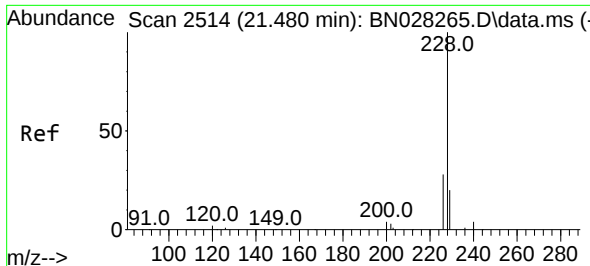
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#31
Terphenyl-d14
Concen: 0.277 ng
RT: 19.908 min Scan# 2225
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

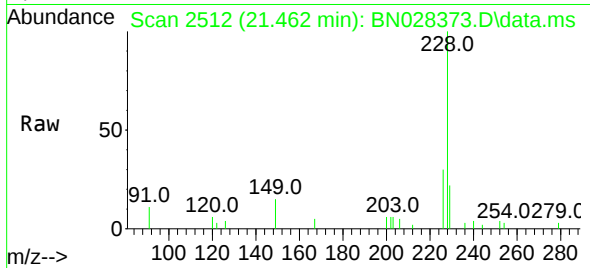
Tgt Ion:244 Resp: 5352
Ion Ratio Lower Upper
244 100
212 10.3 6.6 10.0#
122 16.6 11.7 17.5





#32
Benzo(a)anthracene
Concen: 0.574 ng
RT: 21.462 min Scan# 2118
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

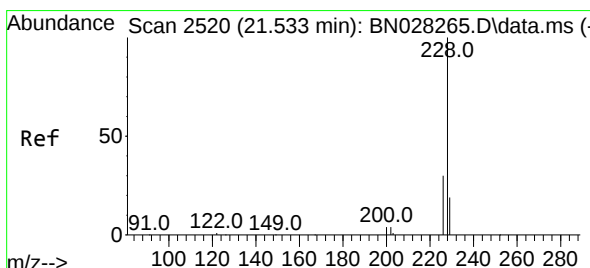
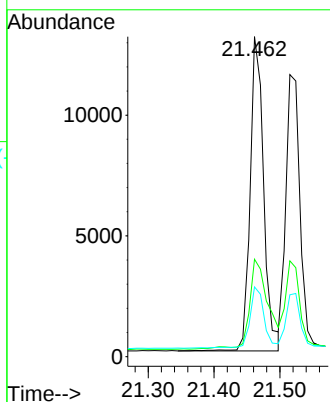
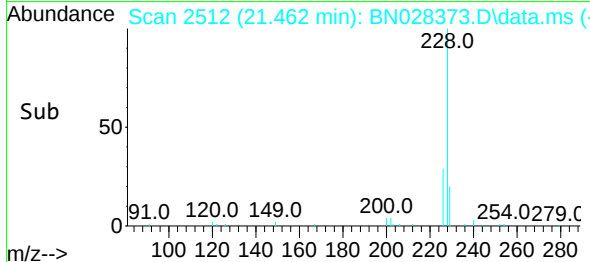
Instrument :
BNA_N
ClientSampleId :
PB156426BS



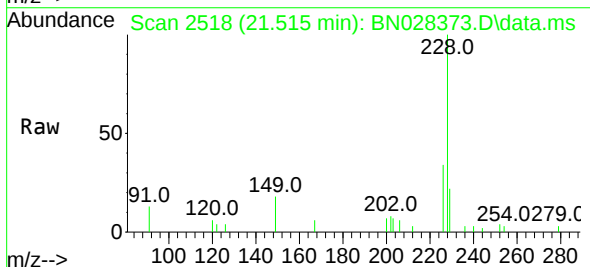
Tgt Ion:228 Resp: 1854
Ion Ratio Lower Upper
228 100
226 30.4 22.9 34.3
229 21.8 16.6 24.8

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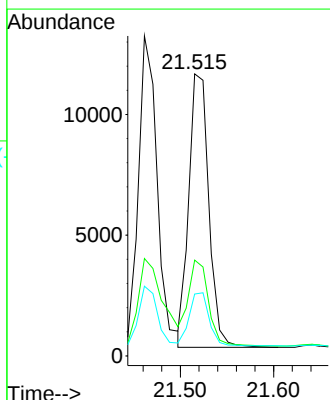
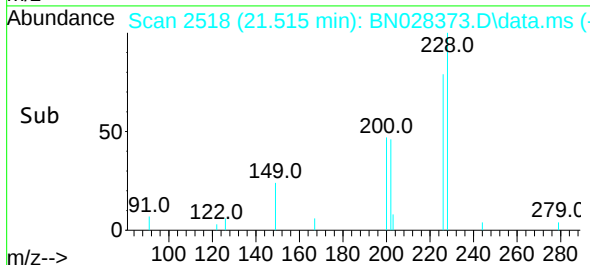
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

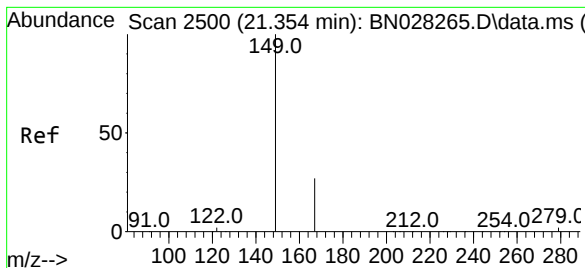


#33
Chrysene
Concen: 0.547 ng
RT: 21.515 min Scan# 2518
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



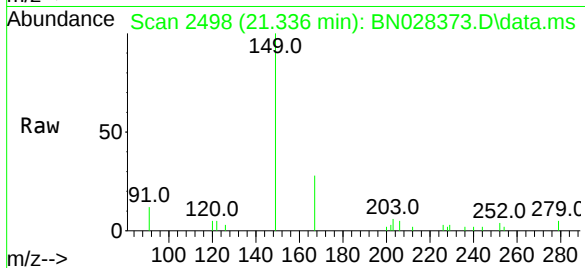
Tgt Ion:228 Resp: 16900
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 21.9 16.6 25.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.473 ng
 RT: 21.336 min Scan# 2498
 Delta R.T. -0.009 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57

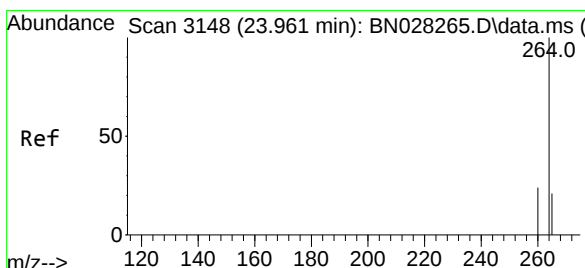
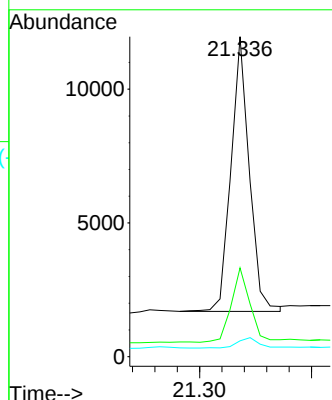
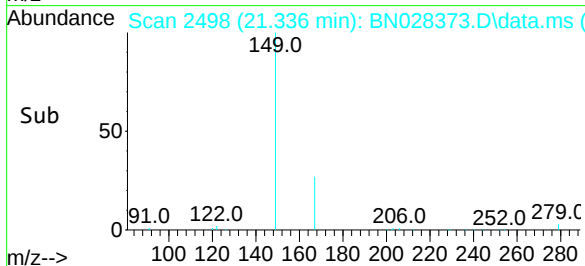
Instrument :
 BNA_N
 ClientSampleId :
 PB156426BS



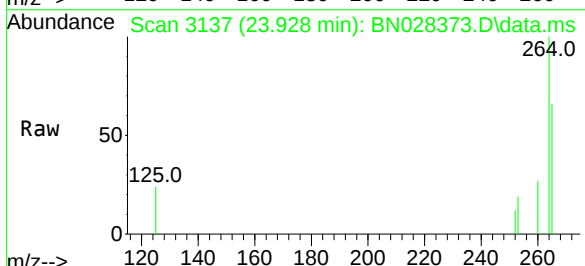
Tgt Ion:149 Resp: 1167
 Ion Ratio Lower Upper
 149 100
 167 29.5 22.6 34.0
 279 4.7 4.2 6.2

Manual Integrations
 APPROVED

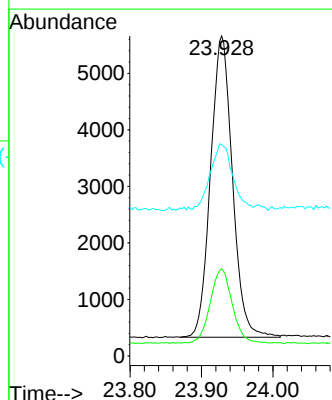
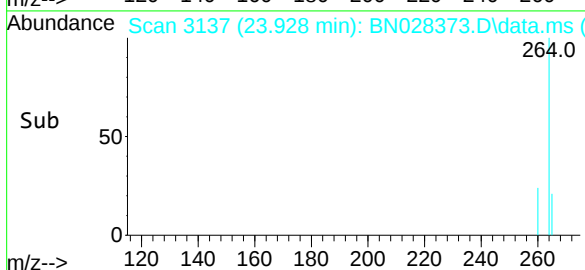
Reviewed By :Yogesh Patel 10/25/2023
 Supervised By :mohammad ahmed 10/25/2023

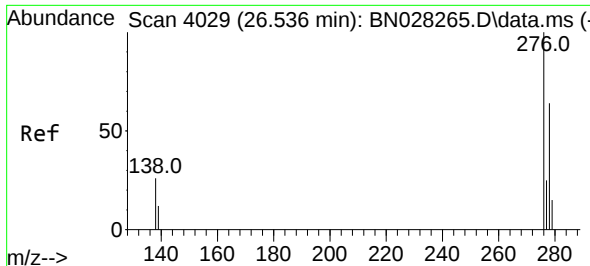


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.928 min Scan# 3137
 Delta R.T. -0.009 min
 Lab File: BN028373.D
 Acq: 24 Oct 2023 11:57



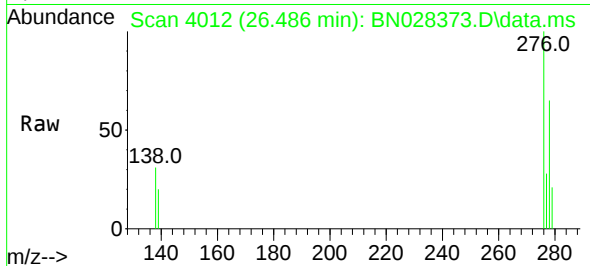
Tgt Ion:264 Resp: 11323
 Ion Ratio Lower Upper
 264 100
 260 27.2 20.7 31.1
 265 66.0 38.3 57.5#





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.527 ng
RT: 26.486 min Scan# 4029
Delta R.T. -0.018 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

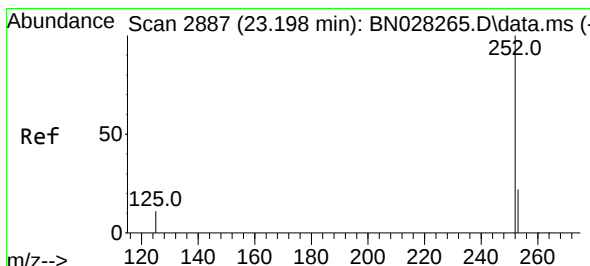
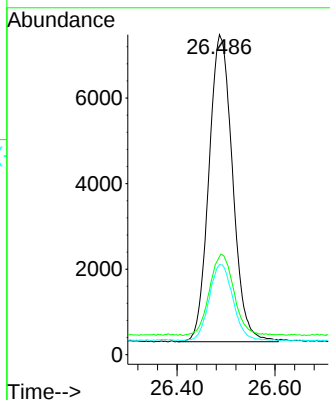
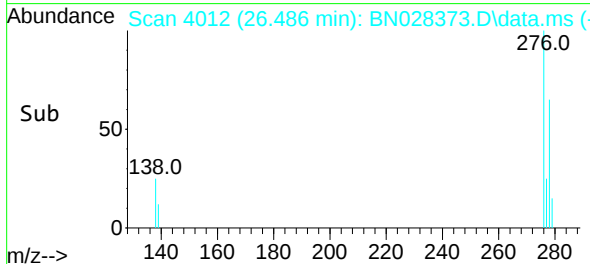
Instrument :
BNA_N
ClientSampleId :
PB156426BS



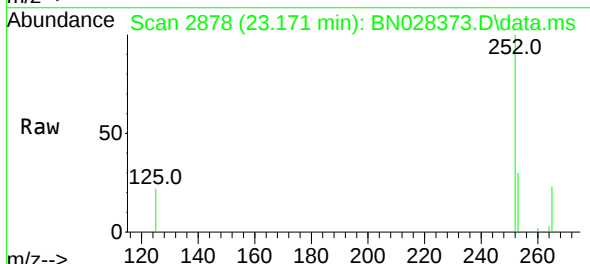
Tgt Ion:276 Resp: 24070
Ion Ratio Lower Upper
276 100
138 27.2 21.3 31.9
277 24.8 20.0 30.0

Manual Integrations
APPROVED

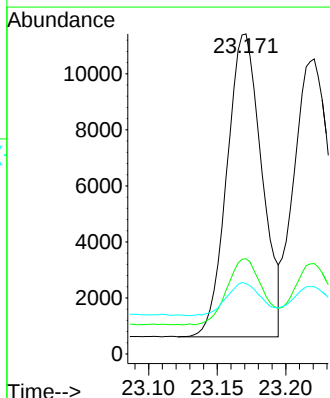
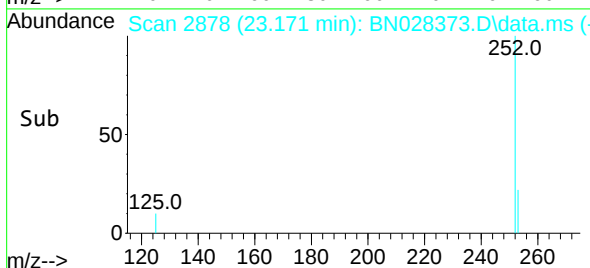
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

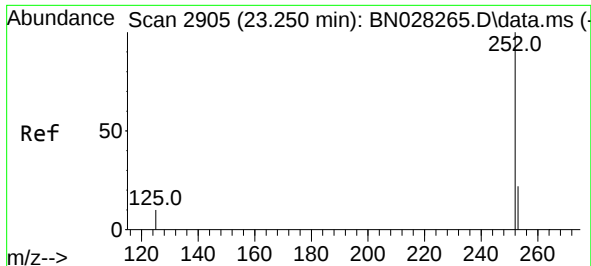


#37
Benzo(b)fluoranthene
Concen: 0.542 ng
RT: 23.171 min Scan# 2878
Delta R.T. -0.006 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57



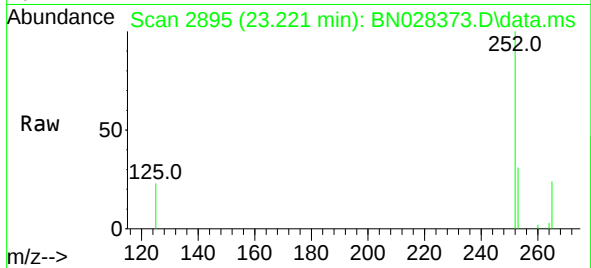
Tgt Ion:252 Resp: 19186
Ion Ratio Lower Upper
252 100
253 29.8 21.8 32.8
125 21.9 15.6 23.4





#38
Benzo(k)fluoranthene
Concen: 0.517 ng
RT: 23.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

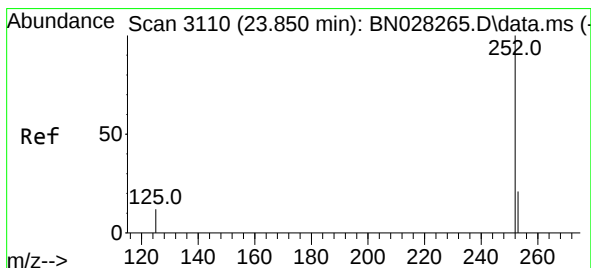
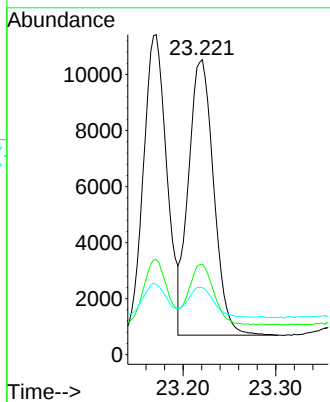
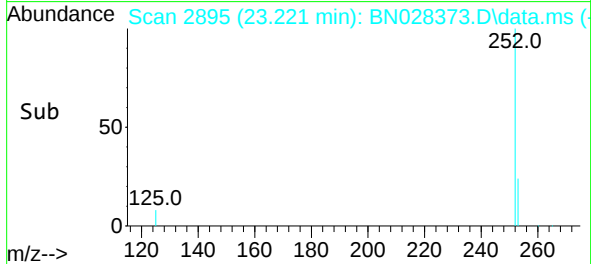
Instrument :
BNA_N
ClientSampleId :
PB156426BS



Tgt Ion:252 Resp: 1863
Ion Ratio Lower Upper
252 100
253 30.6 22.0 33.0
125 22.8 15.3 22.9

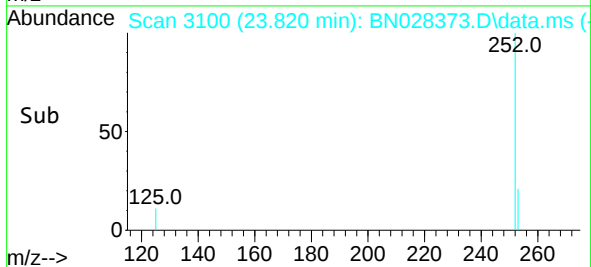
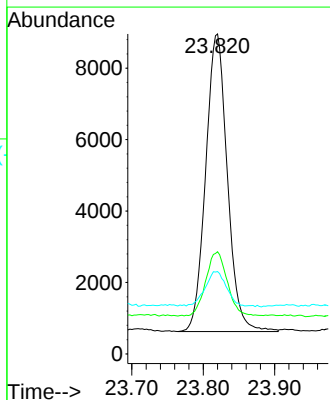
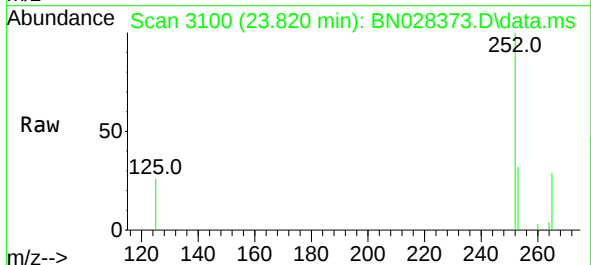
Manual Integrations
APPROVED

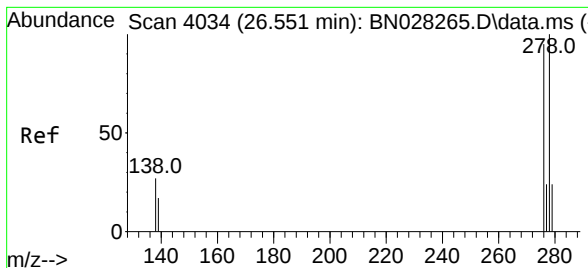
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023



#39
Benzo(a)pyrene
Concen: 0.499 ng
RT: 23.820 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN028373.D
Acq: 24 Oct 2023 11:57

Tgt Ion:252 Resp: 17585
Ion Ratio Lower Upper
252 100
253 31.9 22.7 34.1
125 25.8 17.0 25.6#





#40

Dibenzo(a,h)anthracene

Concen: 0.527 ng

RT: 26.501 min Scan# 40

Delta R.T. -0.018 min

Lab File: BN028373.D

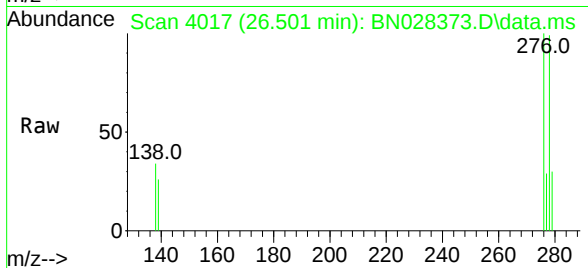
Acq: 24 Oct 2023 11:57

Instrument :

BNA_N

ClientSampleId :

PB156426BS



Tgt Ion:278 Resp: 1954

Ion Ratio Lower Upper

278 100

139 26.8 18.8 28.2

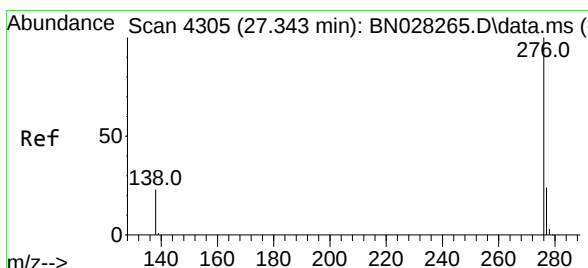
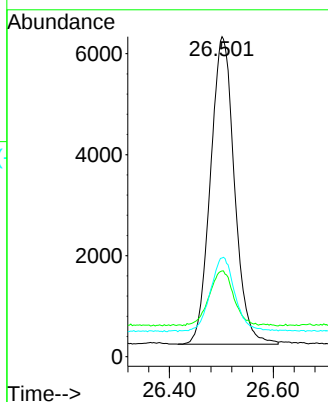
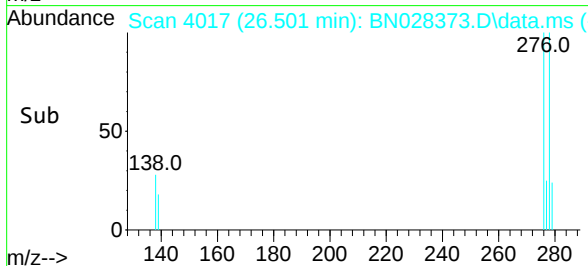
279 30.8 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2023

Supervised By :mohammad ahmed 10/25/2023



#41

Benzo(g,h,i)perylene

Concen: 0.514 ng

RT: 27.290 min Scan# 4287

Delta R.T. -0.015 min

Lab File: BN028373.D

Acq: 24 Oct 2023 11:57

Tgt Ion:276 Resp: 19659

Ion Ratio Lower Upper

276 100

277 27.2 21.7 32.5

138 29.4 21.7 32.5

