

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
 Data File : BN028188.D
 Acq On : 10 Oct 2023 08:38
 Operator : MA/JU
 Sample : 04622-01MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 I-1(0-5)MS

Quant Time: Oct 10 10:47:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 10 00:42:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	4703	0.400	ng	# 0.00
7) Naphthalene-d8	10.735	136	14242	0.400	ng	# 0.00
13) Acenaphthene-d10	14.555	164	7430m	0.400	ng	-0.01
19) Phenanthrene-d10	17.319	188	14752	0.400	ng	# 0.00
29) Chrysene-d12	21.516	240	15266m	0.400	ng	0.00
35) Perylene-d12	23.978	264	22731m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	6019	0.429	ng	0.00
5) Phenol-d6	7.077	99	5259	0.297	ng	-0.01
8) Nitrobenzene-d5	9.113	82	4637	0.383	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6525	0.309	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1046	0.307	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	9686	0.362	ng	0.00
27) Fluoranthene-d10	19.365	212	11583	0.313	ng	0.00
31) Terphenyl-d14	19.937	244	14931	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	2291	0.434	ng	# 61
3) n-Nitrosodimethylamine	3.704	42	2988	0.494	ng	# 54
6) bis(2-Chloroethyl)ether	7.358	93	6541	0.459	ng	88
9) Naphthalene	10.799	128	13187569	358.372	ng	99
10) Hexachlorobutadiene	11.002	225	2399	0.367	ng	# 100
12) 2-Methylnaphthalene	12.393	142	1974782	76.714	ng	97
16) Acenaphthylene	14.288	152	1267325	38.504	ng	99
17) Acenaphthene	14.619	154	304743	14.524	ng	98
18) Fluorene	15.606	166	2637777	96.798	ng	100
20) 4,6-Dinitro-2-methylph...	16.773	198	1412	7.201	ng	# 14
21) 4-Bromophenyl-phenylether	16.500	248	2946	0.383	ng	# 2
22) Hexachlorobenzene	16.586	284	3103	0.385	ng	# 28
23) Atrazine	16.773	200	2300	0.342	ng	# 38
24) Pentachlorophenol	16.959	266	13150	3.460	ng	95
25) Phenanthrene	17.368	178	10553162	265.348	ng	99
26) Anthracene	17.455	178	3522149	93.695	ng	# 95
28) Fluoranthene	19.402	202	8321083	181.292	ng	97
30) Pyrene	19.760	202	7274220	129.946	ng	97
32) Benzo(a)anthracene	21.498	228	4014336	77.277	ng	98
33) Chrysene	21.551	228	3304097	66.000	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	17283	0.506	ng	91
36) Indeno(1,2,3-cd)pyrene	26.566	276	1794702	23.473	ng	98
37) Benzo(b)fluoranthene	23.221	252	3637170	49.544	ng	# 89
38) Benzo(k)fluoranthene	23.268	252	1553297m	20.860	ng	
39) Benzo(a)pyrene	23.870	252	3076683m	44.321	ng	
40) Dibenzo(a,h)anthracene	26.574	278	541837	8.663	ng	93
41) Benzo(g,h,i)perylene	27.378	276	1676075	26.107	ng	94

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

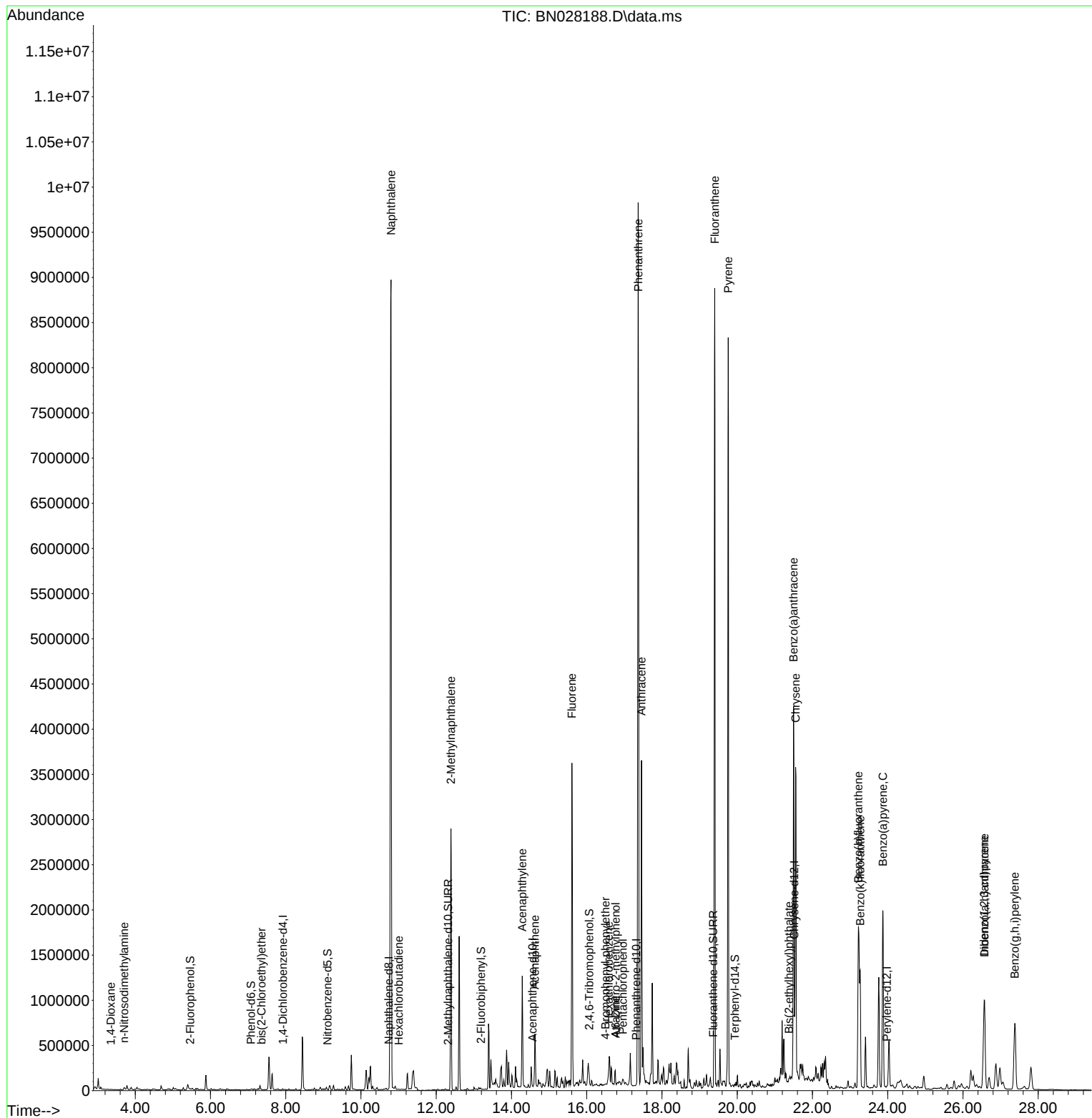
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028188.D
Acq On : 10 Oct 2023 08:38
Operator : MA/JU
Sample : 04622-01MS
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I-1(0-5)MS

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Supervised By :mohammad ahmed 10/11/2023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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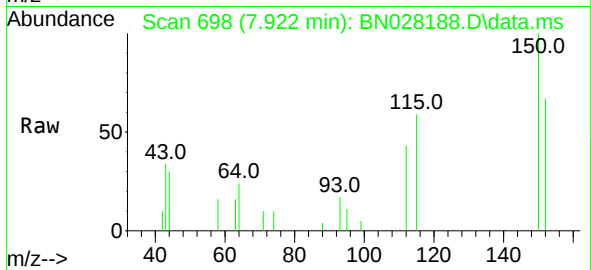
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.922 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN028188.D
 Acq: 10 Oct 2023 08:38

Instrument :

BNA_N

ClientSampleId :

I-1(0-5)MS

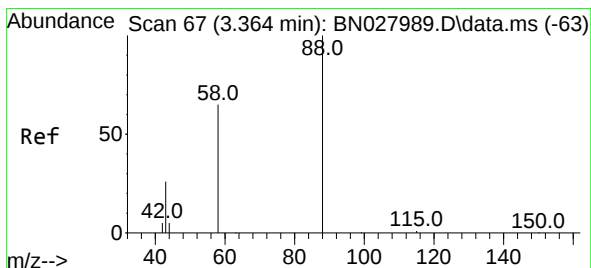
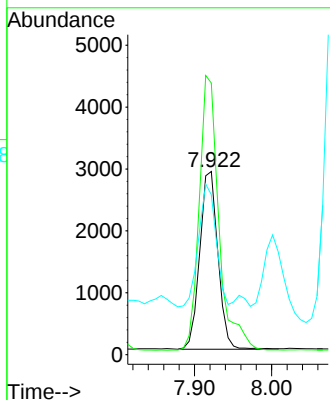
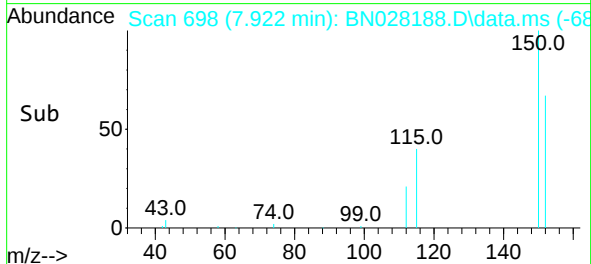


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 Ion Ratio Lower Upper
 152 100
 150 148.3 125.6 188.4
 115 87.4 54.8 82.2

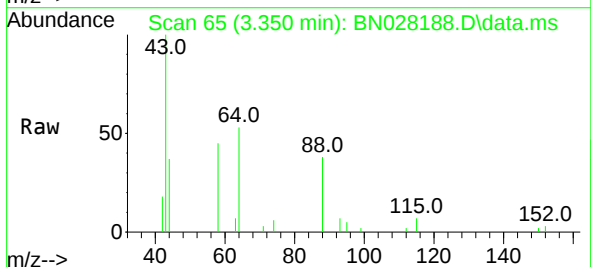
Manual Integrations

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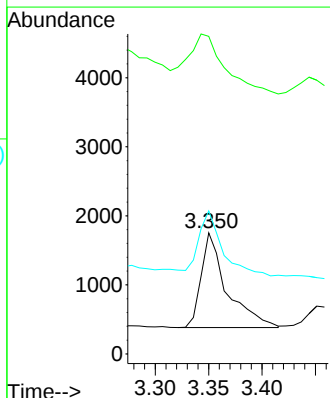
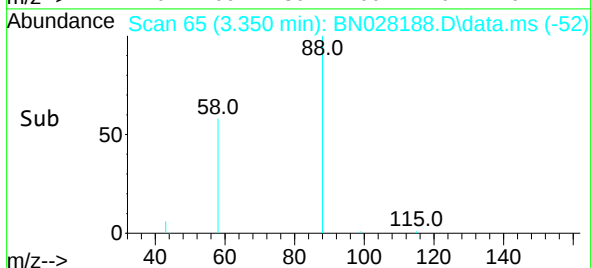
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#2
 1,4-Dioxane
 Concen: 0.434 ng
 RT: 3.350 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: BN028188.D
 Acq: 10 Oct 2023 08:38



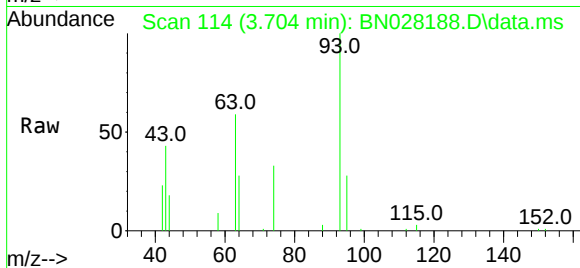
Tgt Ion: 88 Resp: 2291
 Ion Ratio Lower Upper
 88 100
 43 94.9 24.6 36.8
 58 64.3 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.494 ng
RT: 3.704 min Scan# 116
Delta R.T. -0.007 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

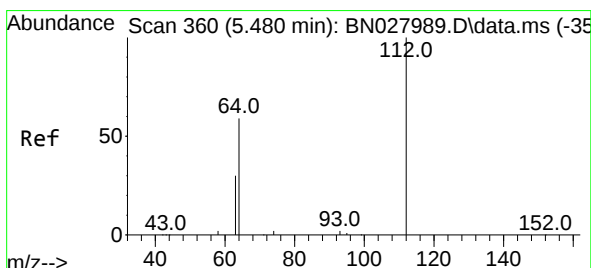
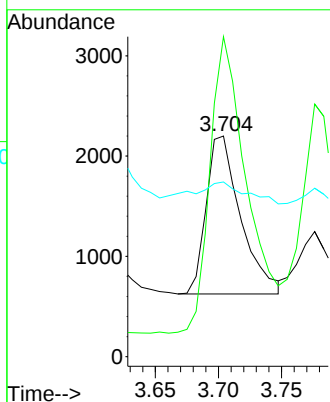
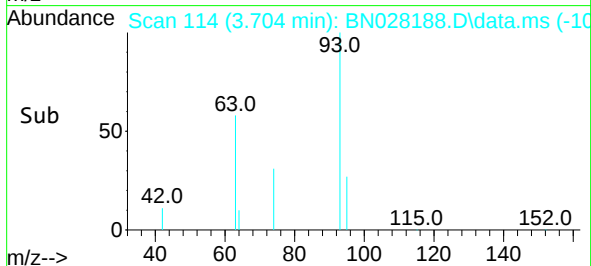
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion: 42 Resp: 2988
Ion Ratio Lower Upper
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74 203.3 115.9 173.9#
44 20.2 8.0 12.0#

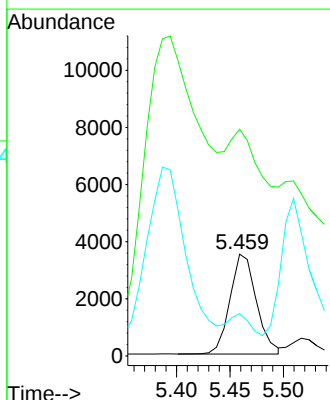
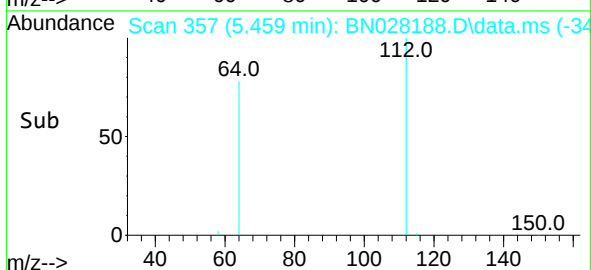
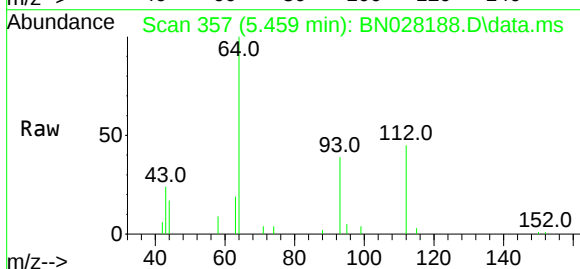
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/11/2023



#4
2-Fluorophenol
Concen: 0.429 ng
RT: 5.459 min Scan# 357
Delta R.T. -0.007 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

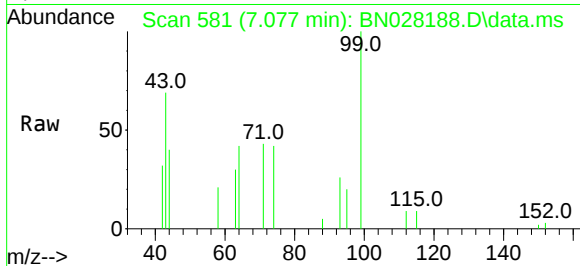
Tgt Ion:112 Resp: 6019
Ion Ratio Lower Upper
112 100
64 0.0 45.0 67.6#
63 17.7 23.4 35.0#





#5
Phenol-d6
Concen: 0.297 ng
RT: 7.077 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

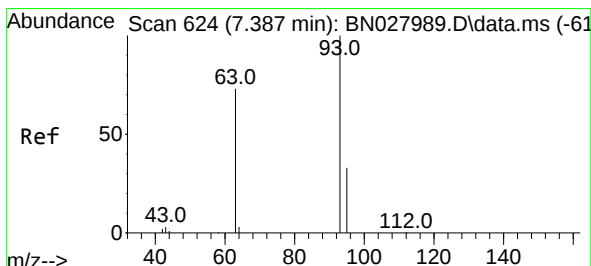
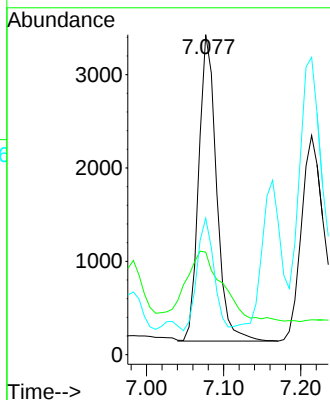
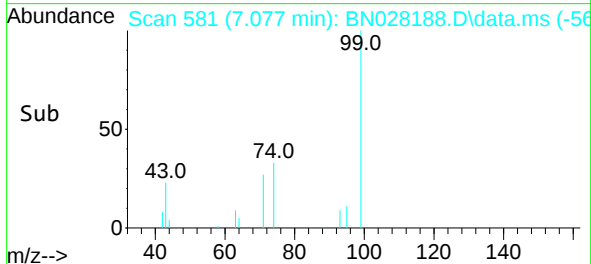
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion: 99 Resp: 525
Ion Ratio Lower Upper
99 100
42 48.7 14.6 22.0
71 34.9 28.3 42.5

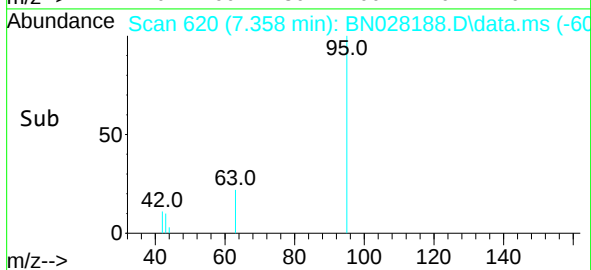
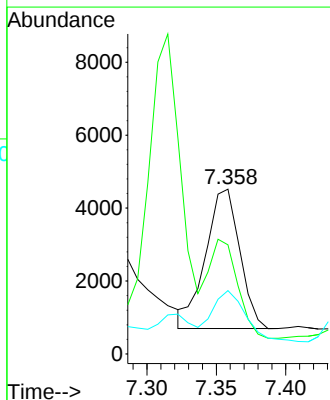
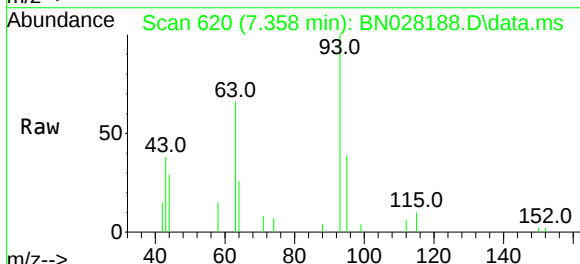
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Supervised By :mohammad ahmed 10/11/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.459 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.007 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

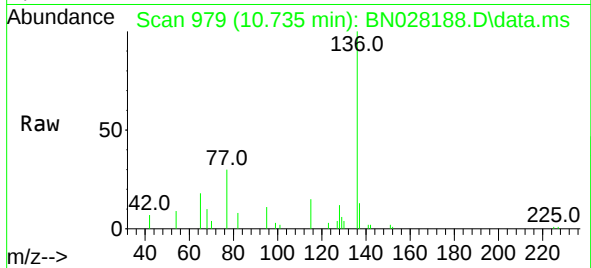
Tgt Ion: 93 Resp: 6541
Ion Ratio Lower Upper
93 100
63 60.7 58.8 88.2
95 36.0 26.6 39.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.735 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

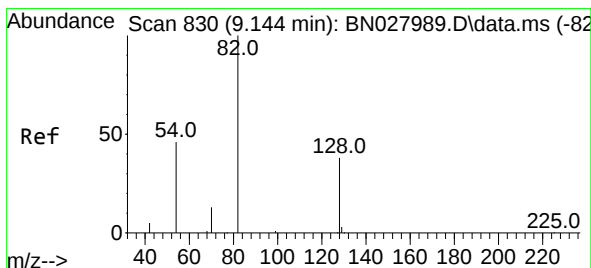
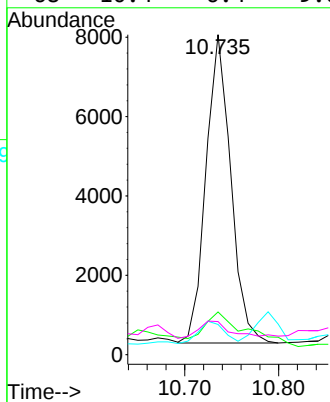
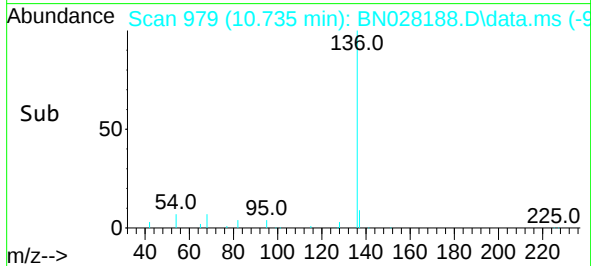
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:136 Resp: 1424
Ion Ratio Lower Upper
136 100
137 13.4 9.4 14.0
54 9.4 7.0 10.6
68 10.4 6.4 9.6#

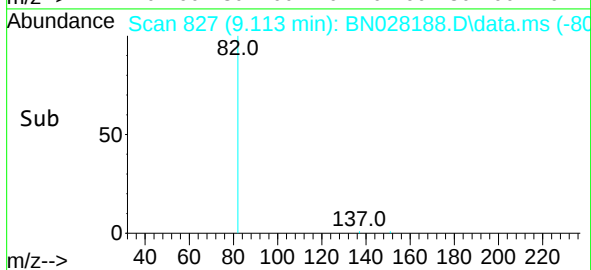
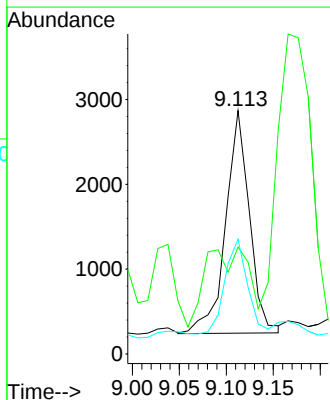
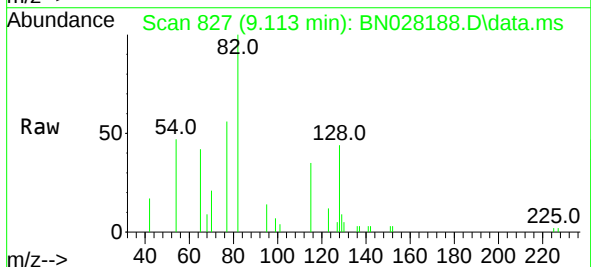
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Supervised By :mohammad ahmed 10/11/2023



#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.113 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

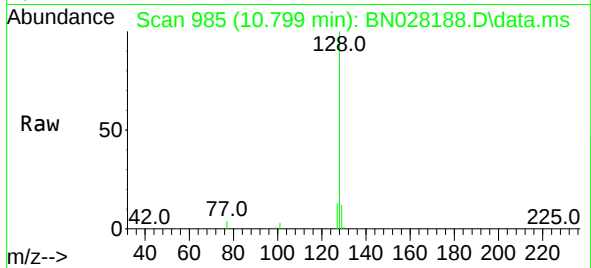
Tgt Ion: 82 Resp: 4637
Ion Ratio Lower Upper
82 100
128 43.9 32.7 49.1
54 47.2 38.7 58.1





#9
Naphthalene
Concen: 358.372 ng
RT: 10.799 min Scan# 985
Delta R.T. 0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

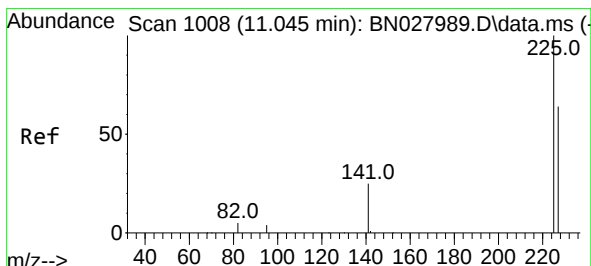
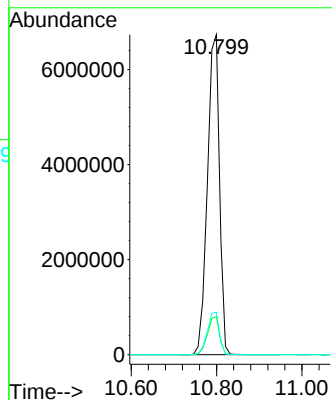
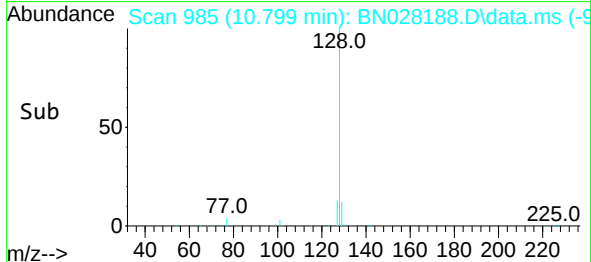
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:128 Resp:13187569
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.2
127 13.2 10.9 16.3

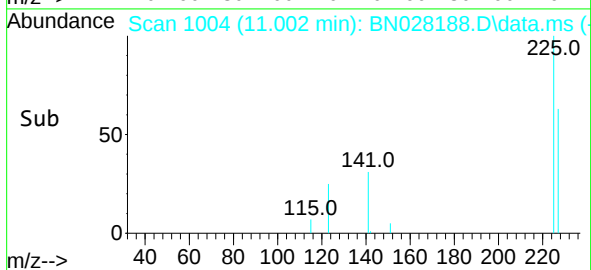
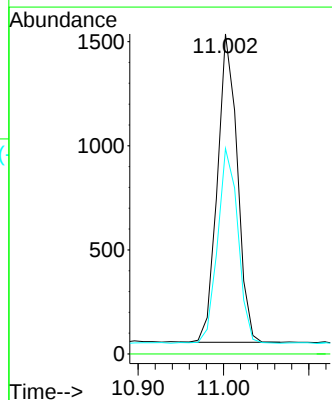
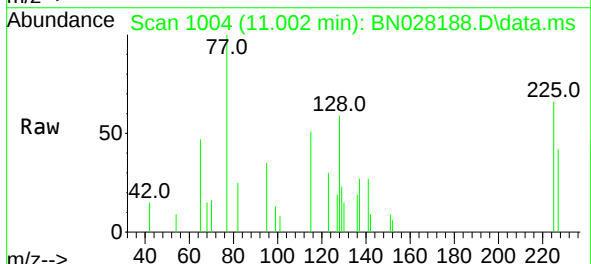
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#10
Hexachlorobutadiene
Concen: 0.367 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

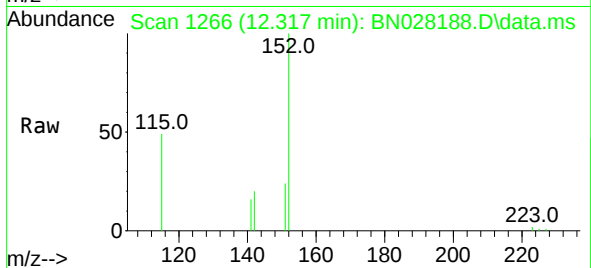
Tgt Ion:225 Resp: 2399
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.4 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.317 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

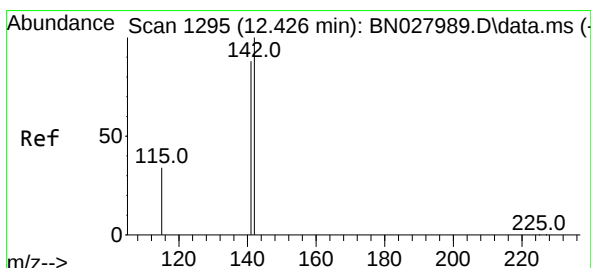
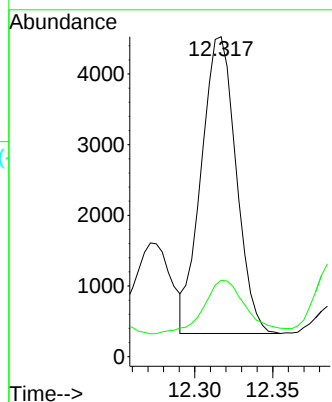
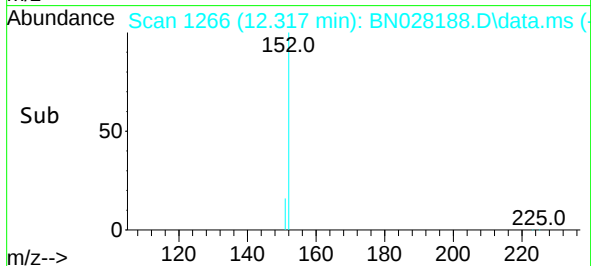
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:152 Resp: 652
Ion Ratio Lower Upper
152 100
151 24.3 16.5 24.7

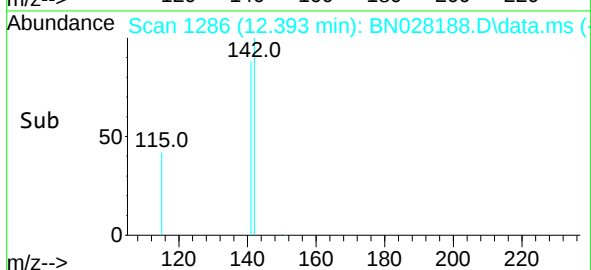
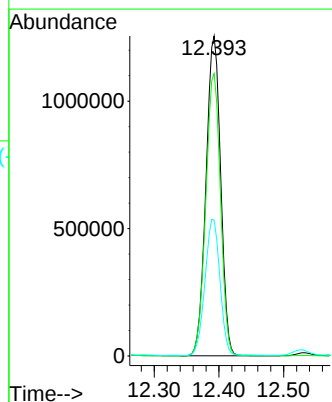
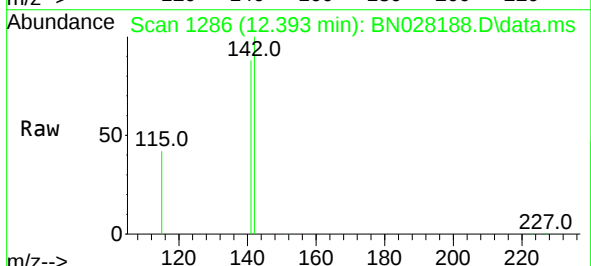
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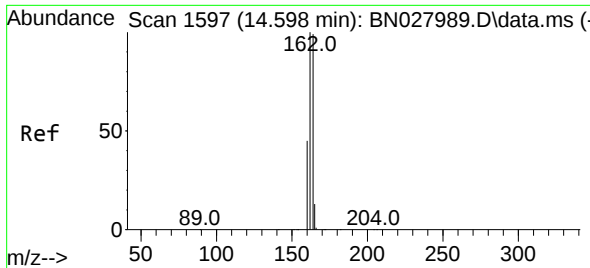
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#12
2-Methylnaphthalene
Concen: 76.714 ng
RT: 12.393 min Scan# 1286
Delta R.T. -0.007 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

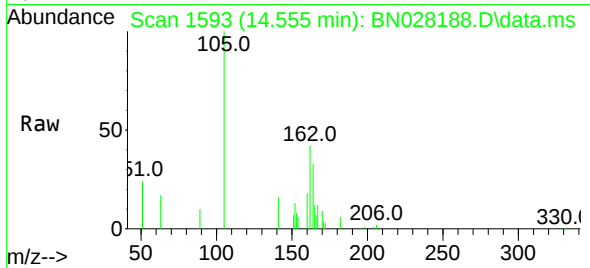
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Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1
115 42.4 28.6 42.8





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.555 min Scan# 1593
Delta R.T. -0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

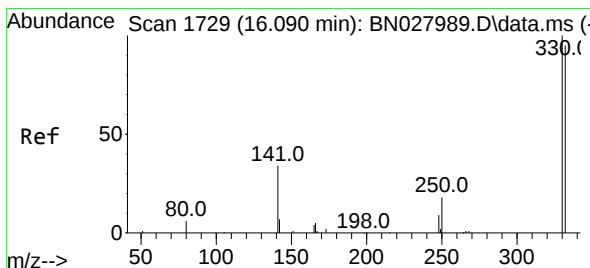
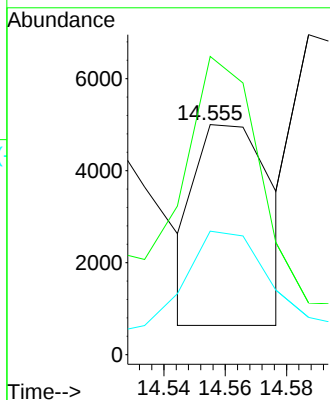
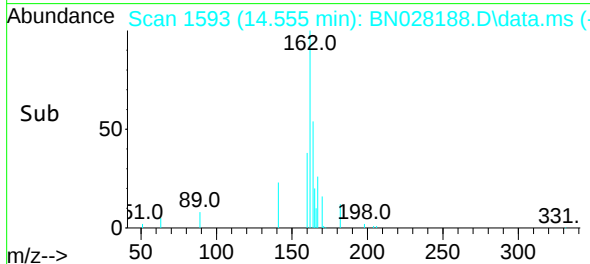
Instrument :
BNA_N
ClientSampleId :
1-1(0-5)MS



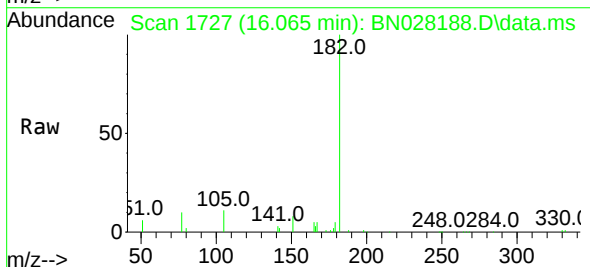
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160 53.7 36.4 54.6

Manual Integrations
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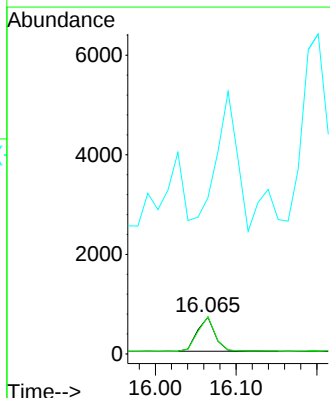
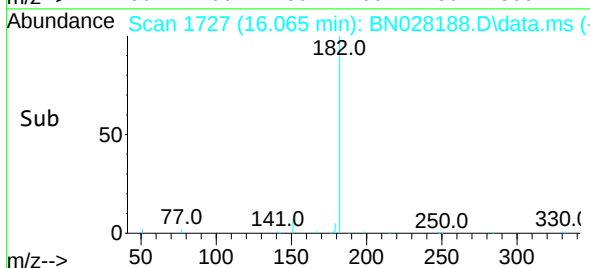
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

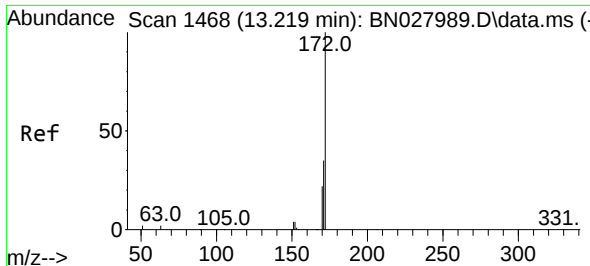


#14
2,4,6-Tribromophenol
Concen: 0.307 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



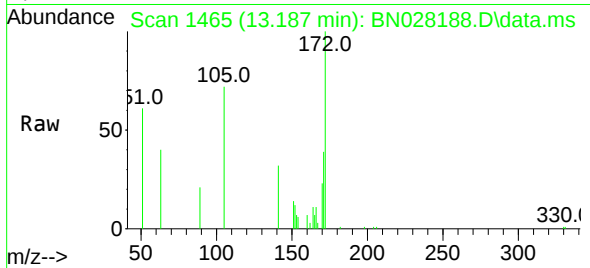
Tgt Ion:330 Resp: 1046
Ion Ratio Lower Upper
330 100
332 98.4 78.1 117.1
141 0.0 33.4 50.2#





#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.187 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

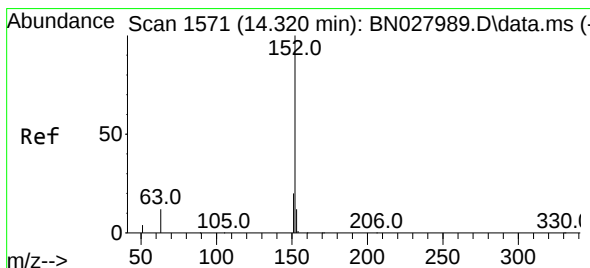
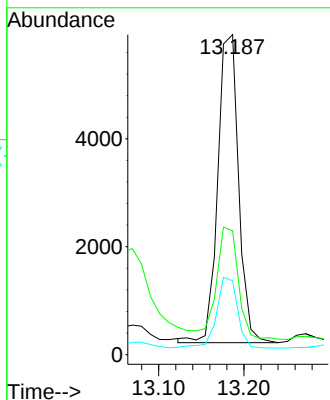
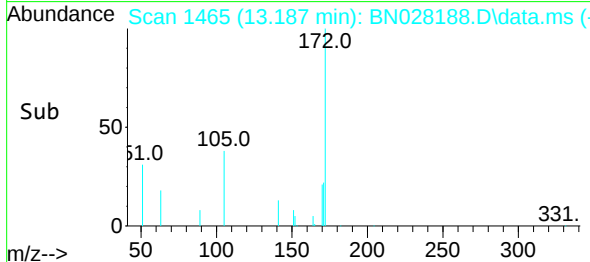
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:172 Resp: 9680
Ion Ratio Lower Upper
172 100
171 38.7 28.1 42.1
170 23.1 18.4 27.6

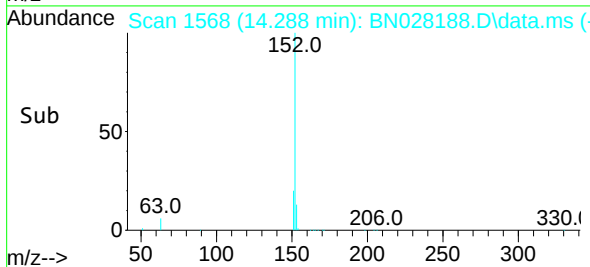
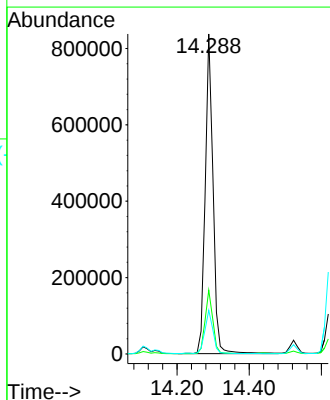
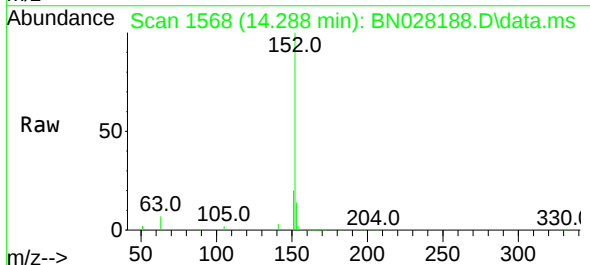
Manual Integrations
APPROVED

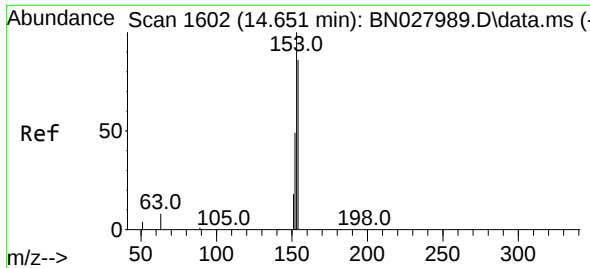
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#16
Acenaphthylene
Concen: 38.504 ng
RT: 14.288 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

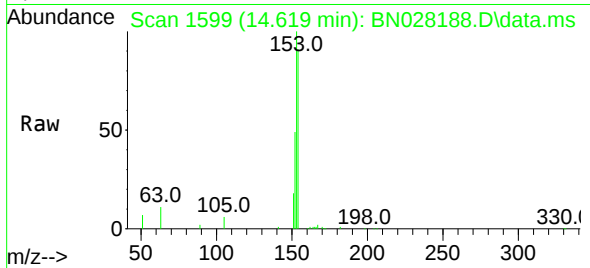
Tgt Ion:152 Resp: 1267325
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 14.1 10.2 15.4





#17
Acenaphthene
Concen: 14.524 ng
RT: 14.619 min Scan# 1599
Delta R.T. -0.011 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

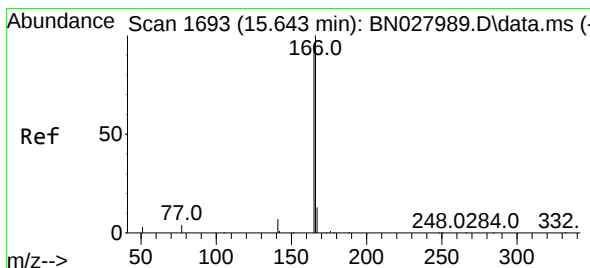
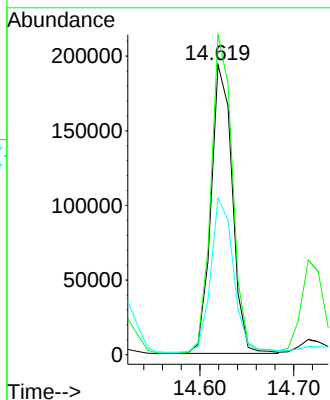
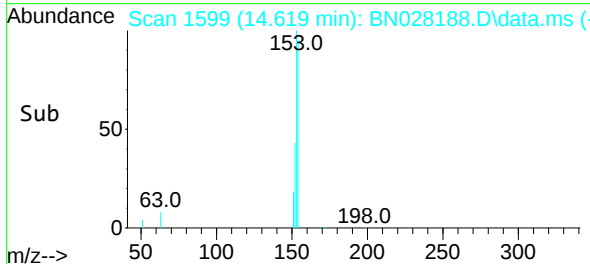
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:154 Resp: 30474
Ion Ratio Lower Upper
154 100
153 112.0 90.8 136.2
152 56.8 43.9 65.9

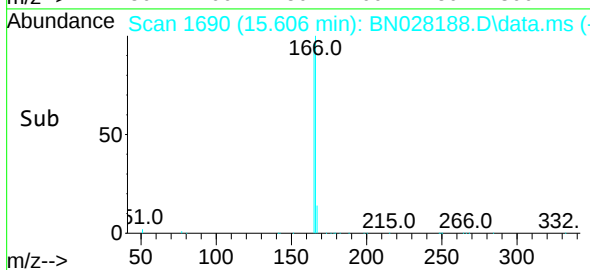
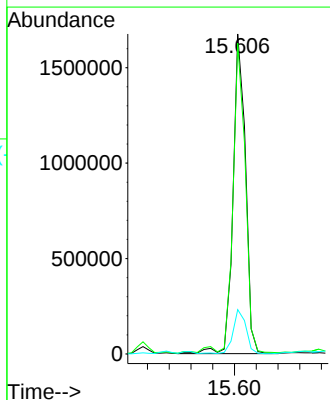
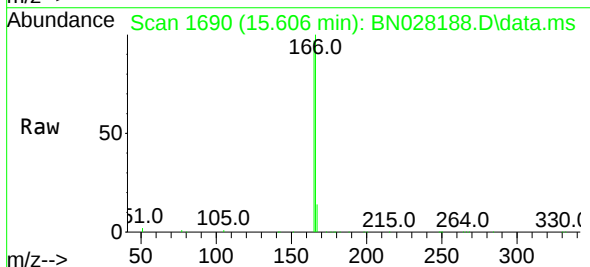
Manual Integrations
APPROVED

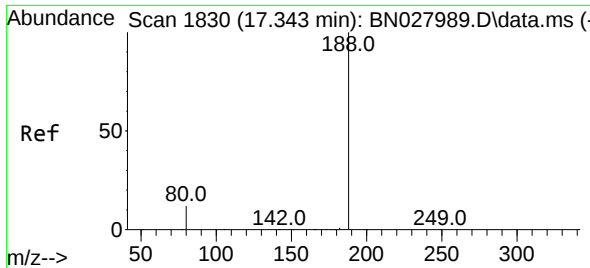
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#18
Fluorene
Concen: 96.798 ng
RT: 15.606 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

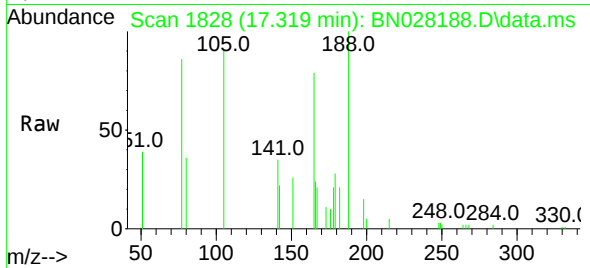
Tgt Ion:166 Resp: 2637777
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 14.5 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.319 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

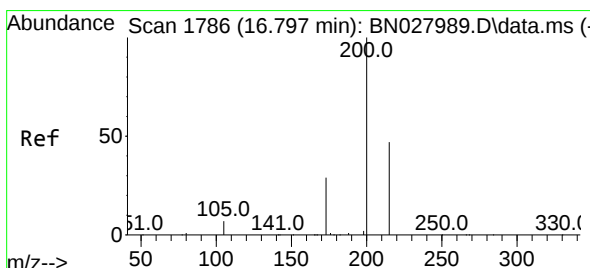
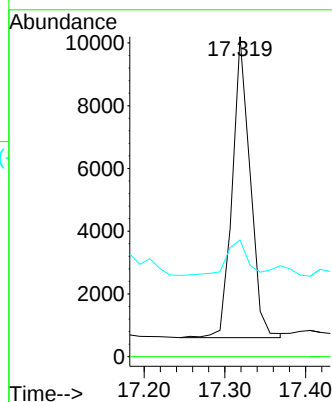
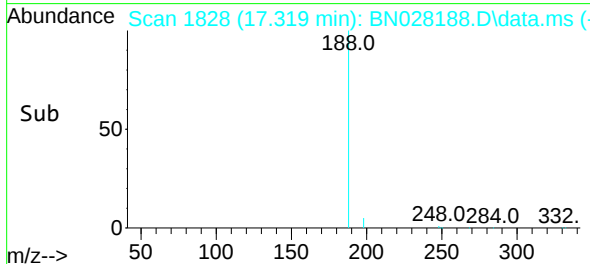
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



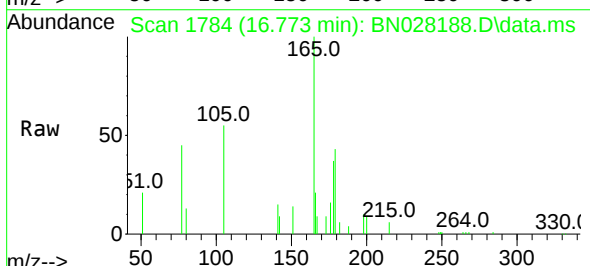
Tgt Ion:188 Resp: 14752
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 36.5 10.2 15.4

Manual Integrations
APPROVED

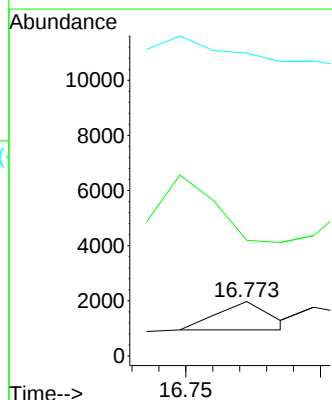
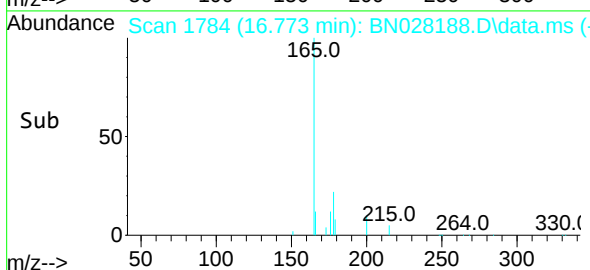
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

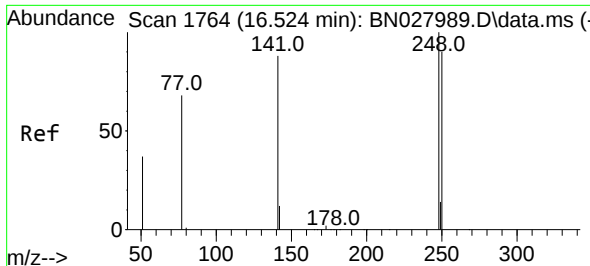


#20
4,6-Dinitro-2-methylphenol
Concen: 7.201 ng
RT: 16.773 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



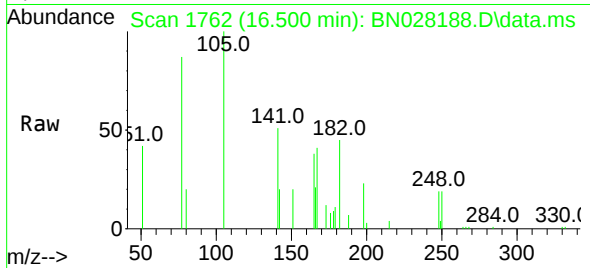
Tgt Ion:198 Resp: 1412
Ion Ratio Lower Upper
198 100
51 212.2 180.7 271.1
105 556.0 222.2 333.2





#21
4-Bromophenyl-phenylether
Concen: 0.383 ng
RT: 16.500 min Scan# 1762
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

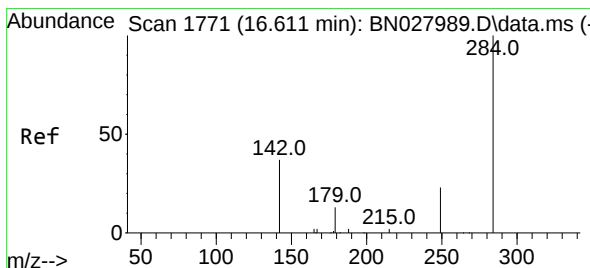
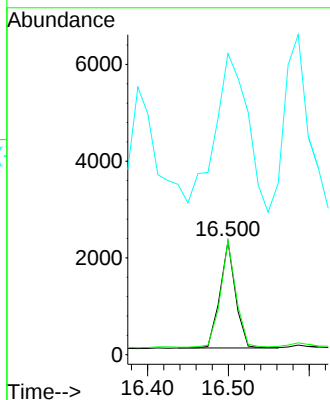
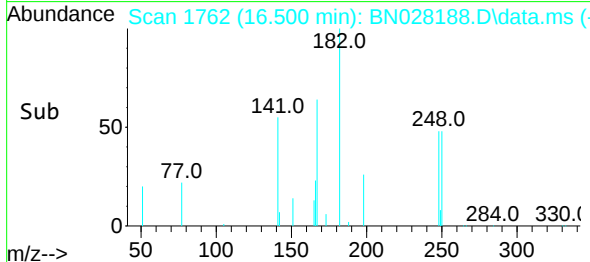
Instrument :
BNA_N
ClientSampleId :
1-1(0-5)MS



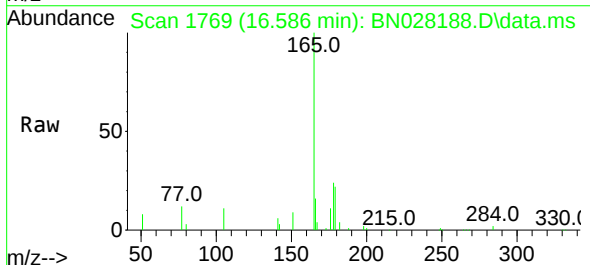
Tgt Ion:248 Resp: 2940
Ion Ratio Lower Upper
248 100
250 100.3 72.3 108.5
141 265.1 71.8 107.6

Manual Integrations
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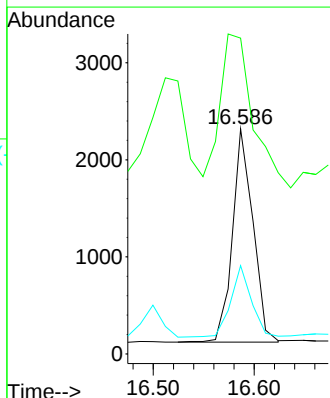
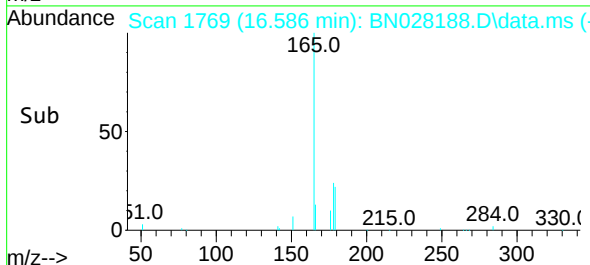
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

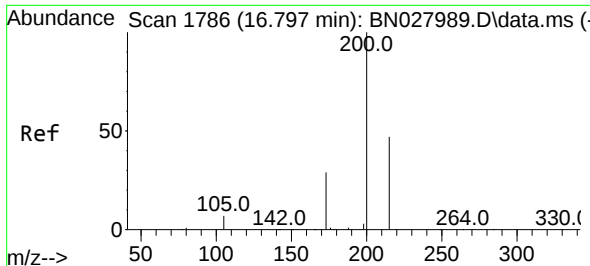


#22
Hexachlorobenzene
Concen: 0.385 ng
RT: 16.586 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



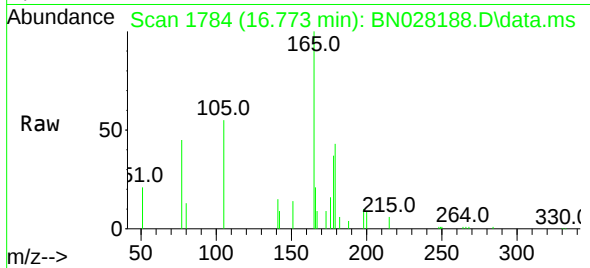
Tgt Ion:284 Resp: 3103
Ion Ratio Lower Upper
284 100
142 115.0 29.9 44.9#
249 33.3 25.0 37.4





#23
Atrazine
Concen: 0.342 ng
RT: 16.773 min Scan# 1784
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

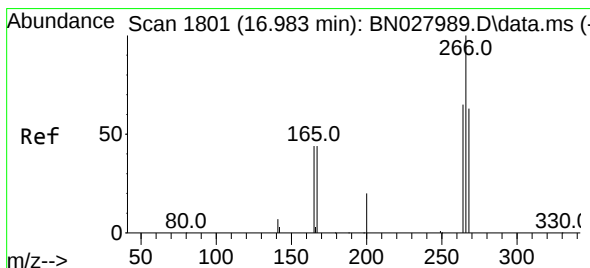
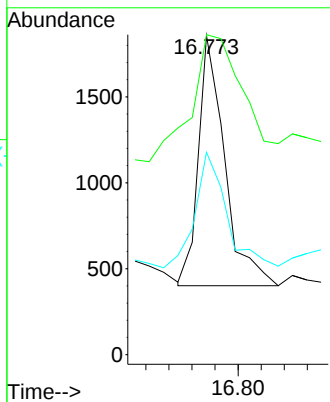
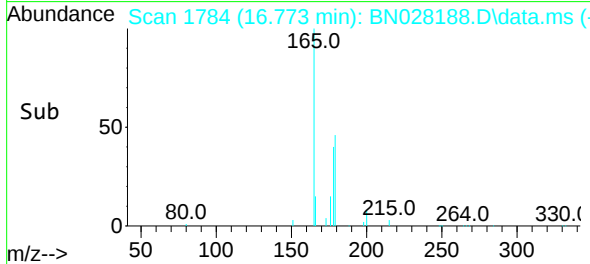
Instrument :
BNA_N
ClientSampleId :
1-1(0-5)MS



Tgt Ion:200 Resp: 2300
Ion Ratio Lower Upper
200 100
173 100.3 24.7 37.1
215 63.5 39.0 58.6

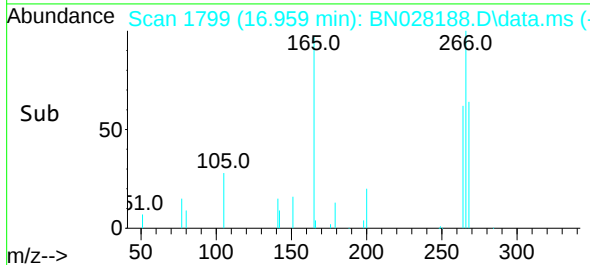
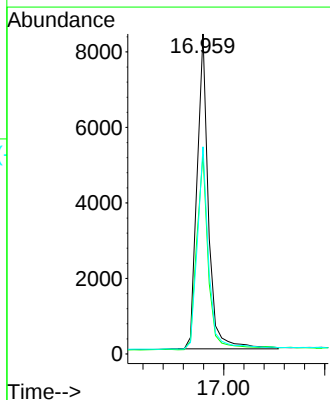
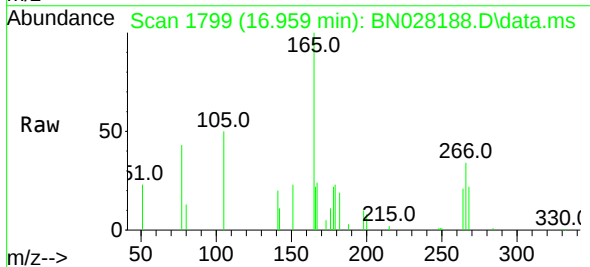
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#24
Pentachlorophenol
Concen: 3.460 ng
RT: 16.959 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

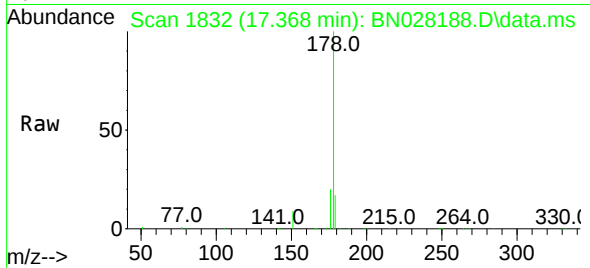
Tgt Ion:266 Resp: 13150
Ion Ratio Lower Upper
266 100
264 63.3 52.7 79.1
268 64.6 56.2 84.2





#25
Phenanthrene
Concen: 265.348 ng
RT: 17.368 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

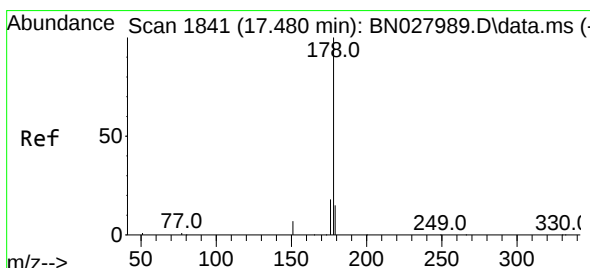
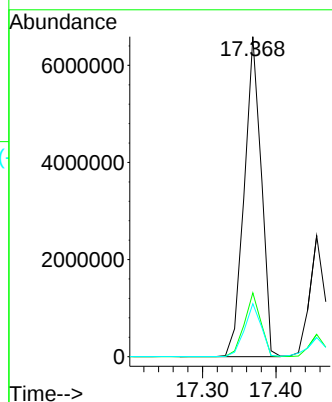
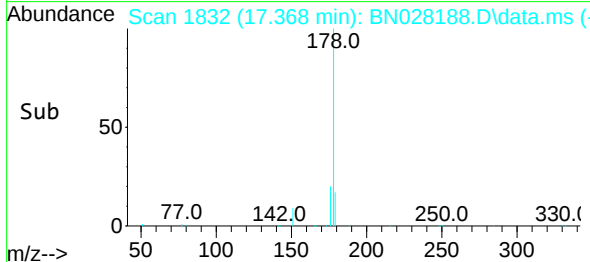
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



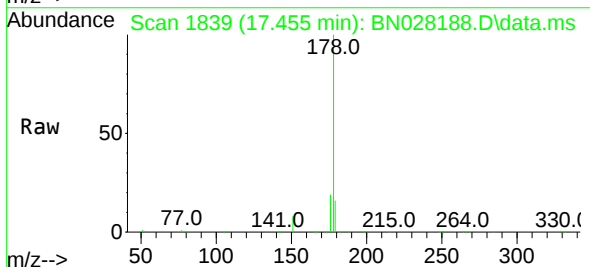
Tgt Ion:178 Resp:1055316
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 16.4 12.4 18.6

Manual Integrations
APPROVED

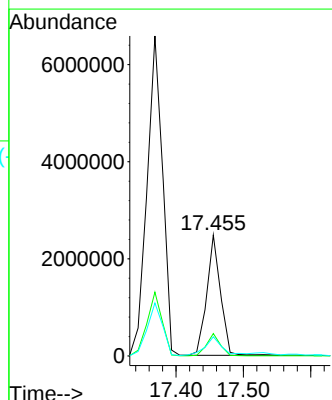
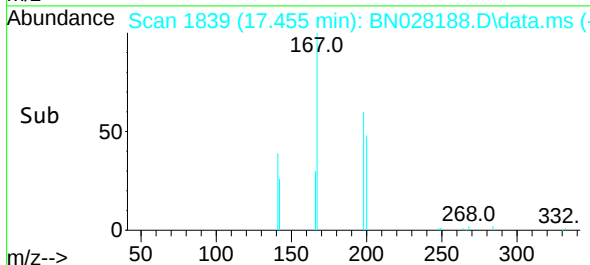
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

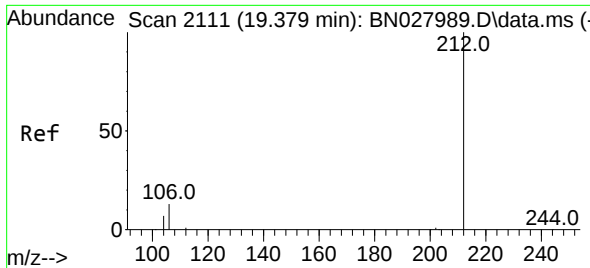


#26
Anthracene
Concen: 93.695 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



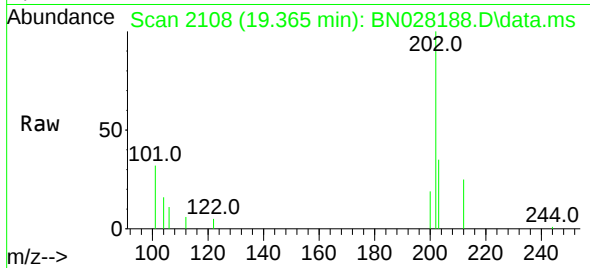
Tgt Ion:178 Resp: 3522149
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 19.6 12.2 18.2#





#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.365 min Scan# 2111
Delta R.T. 0.009 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

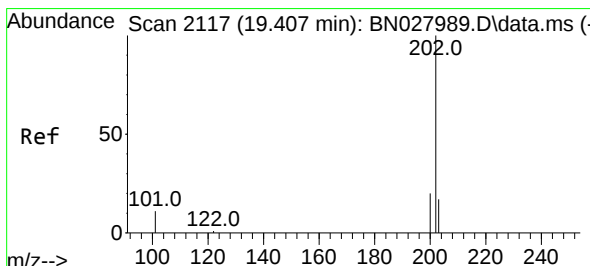
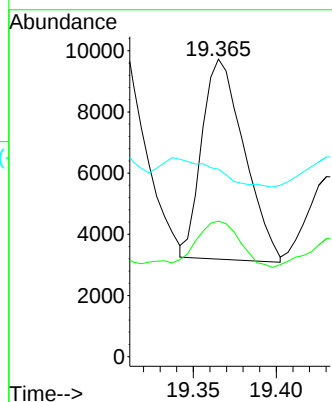
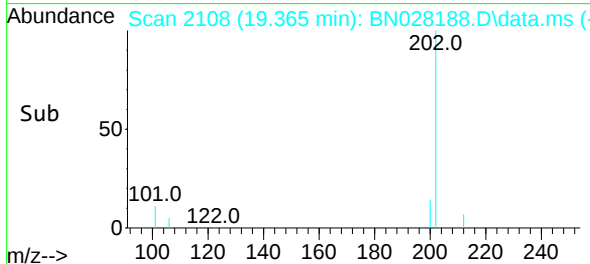
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:212 Resp: 1158
Ion Ratio Lower Upper
212 100
106 25.3 11.3 16.9
104 0.0 6.4 9.6

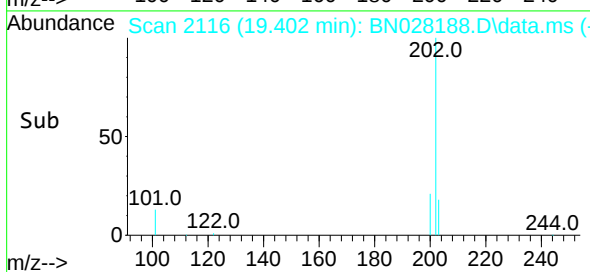
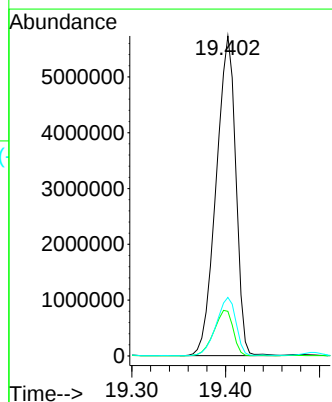
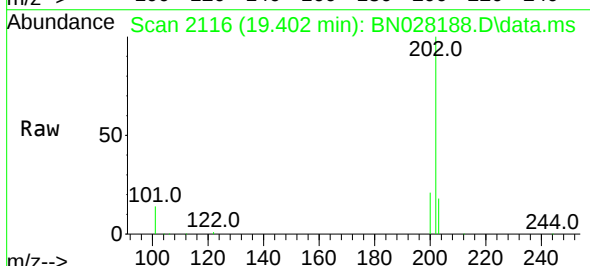
Manual Integrations
APPROVED

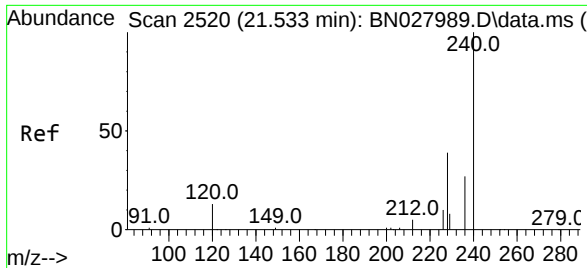
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#28
Fluoranthene
Concen: 181.292 ng
RT: 19.402 min Scan# 2116
Delta R.T. 0.019 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

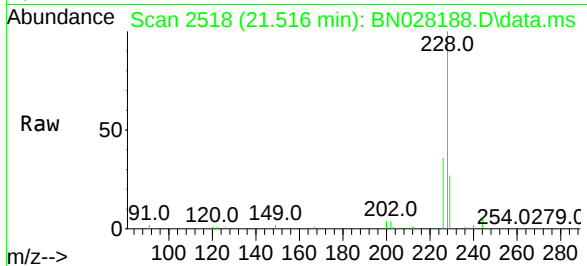
Tgt Ion:202 Resp: 8321083
Ion Ratio Lower Upper
202 100
101 14.0 9.8 14.6
203 18.3 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng m
RT: 21.516 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

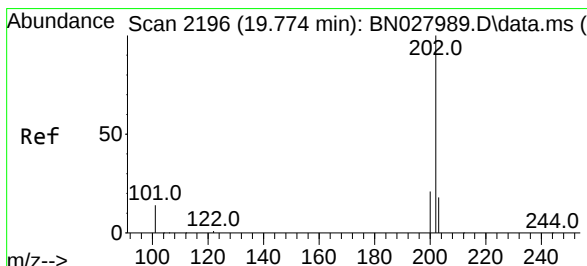
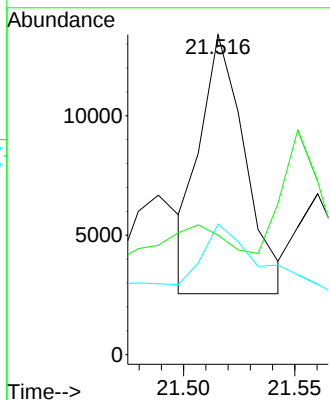
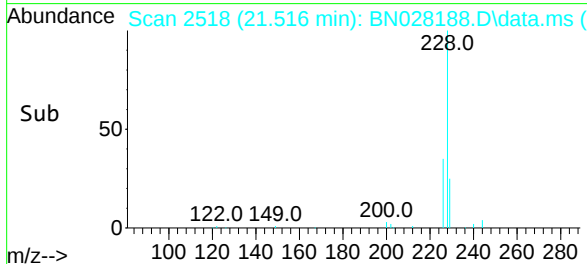
Instrument :
BNA_N
ClientSampleId :
1-1(0-5)MS



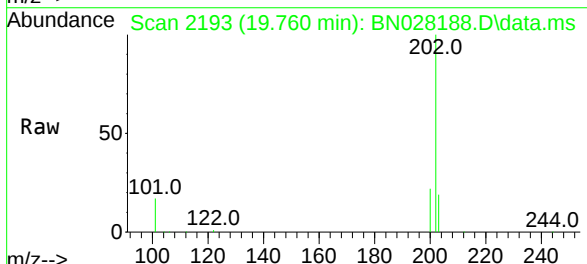
Tgt Ion:240 Resp: 15260
Ion Ratio Lower Upper
240 100
120 37.3 13.8 20.6
236 40.8 22.6 33.8

Manual Integrations
APPROVED

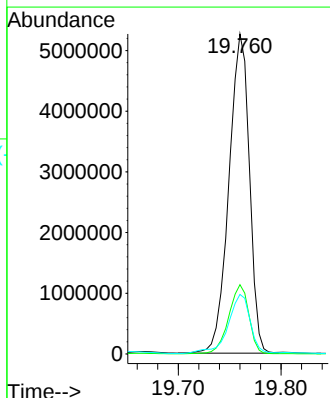
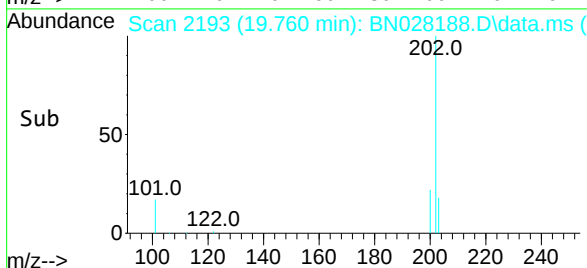
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

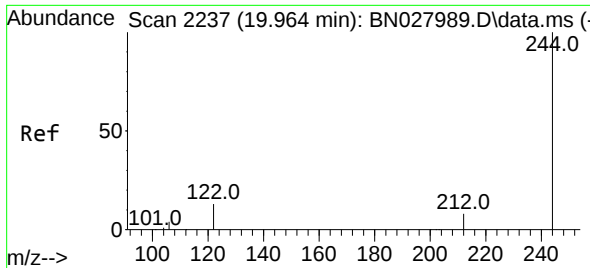


#30
Pyrene
Concen: 129.946 ng
RT: 19.760 min Scan# 2193
Delta R.T. 0.009 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



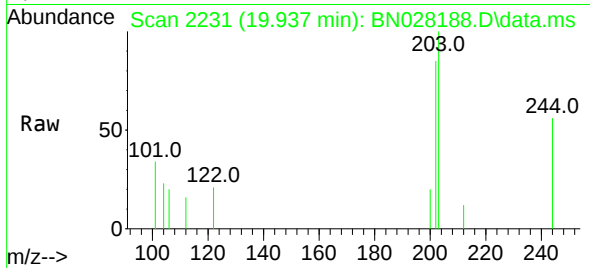
Tgt Ion:202 Resp: 7274220
Ion Ratio Lower Upper
202 100
200 21.3 16.5 24.7
203 20.0 14.7 22.1





#31
 Terphenyl-d14
 Concen: 0.419 ng
 RT: 19.937 min Scan# 2193
 Delta R.T. -0.005 min
 Lab File: BN028188.D
 Acq: 10 Oct 2023 08:38

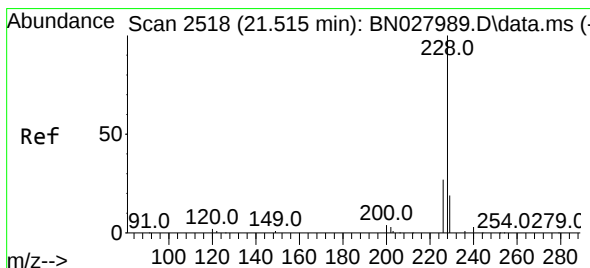
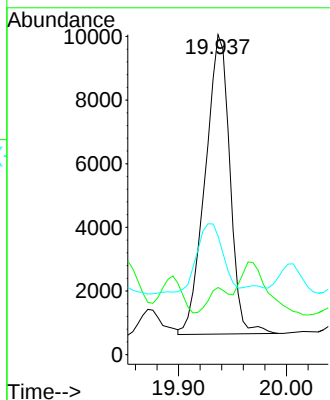
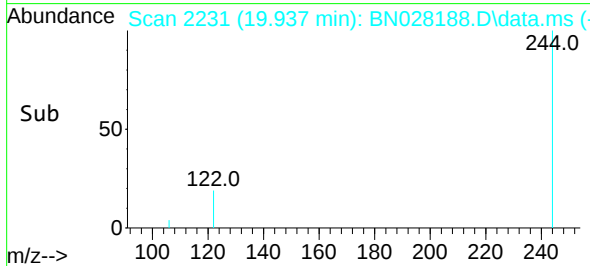
Instrument :
 BNA_N
 ClientSampleId :
 I-1(0-5)MS



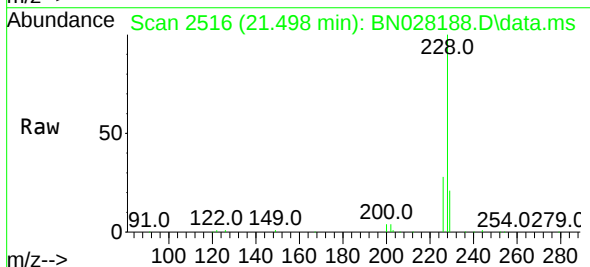
Tgt Ion:244 Resp: 1493
 Ion Ratio Lower Upper
 244 100
 212 21.0 6.6 9.8
 122 37.1 11.4 17.0

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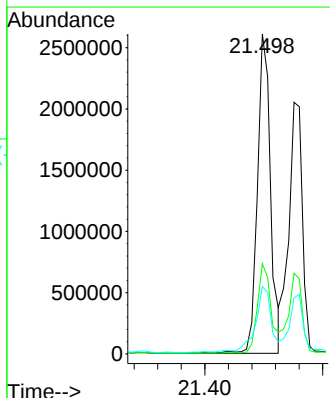
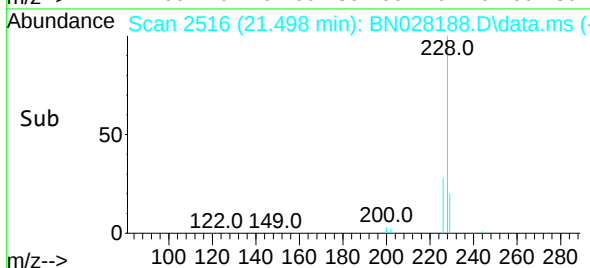
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

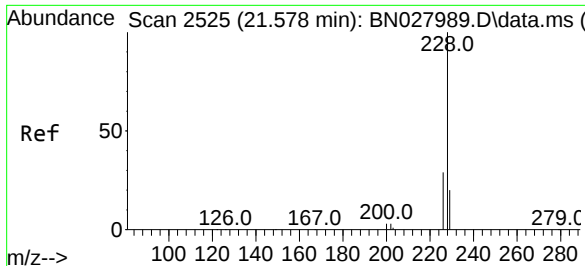


#32
 Benzo(a)anthracene
 Concen: 77.277 ng
 RT: 21.498 min Scan# 2516
 Delta R.T. 0.000 min
 Lab File: BN028188.D
 Acq: 10 Oct 2023 08:38



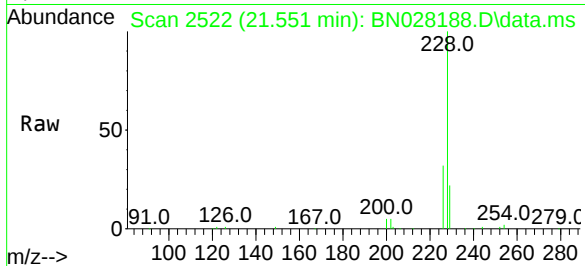
Tgt Ion:228 Resp: 4014336
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.0 33.0
 229 21.1 16.0 24.0





#33
Chrysene
Concen: 66.000 ng
RT: 21.551 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

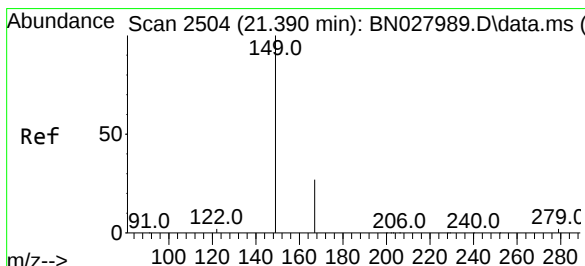
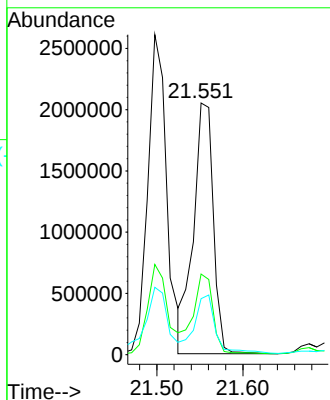
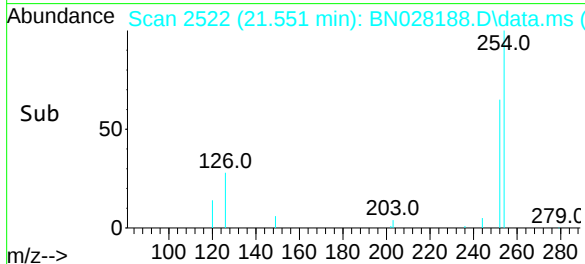
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:228 Resp: 330409
Ion Ratio Lower Upper
228 100
226 32.0 23.8 35.8
229 22.2 16.6 25.0

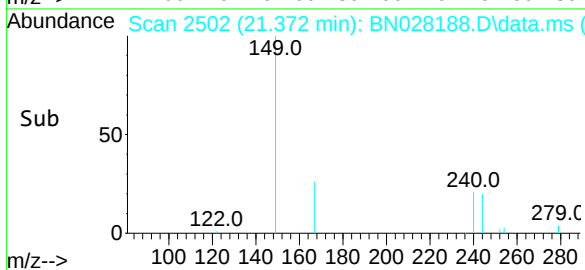
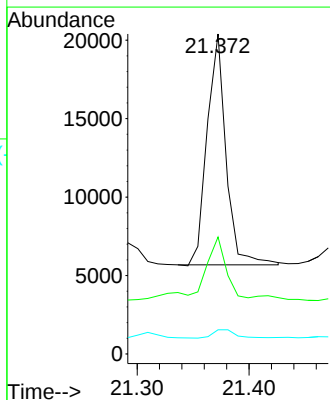
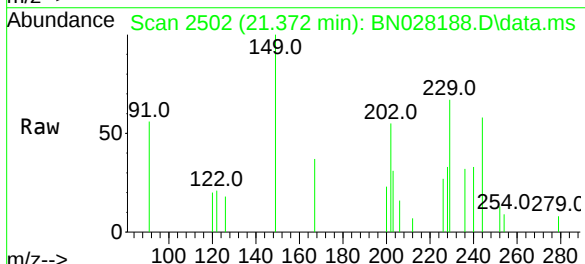
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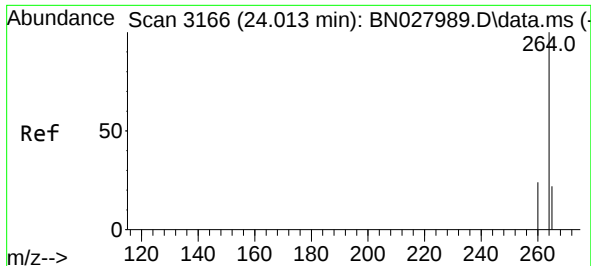
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.506 ng
RT: 21.372 min Scan# 2502
Delta R.T. 0.009 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

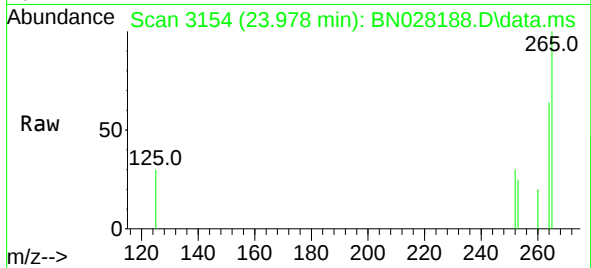
Tgt Ion:149 Resp: 17283
Ion Ratio Lower Upper
149 100
167 32.7 22.1 33.1
279 4.3 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng m
RT: 23.978 min Scan# 3166
Delta R.T. 0.003 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

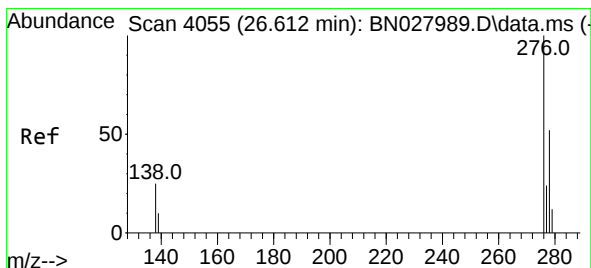
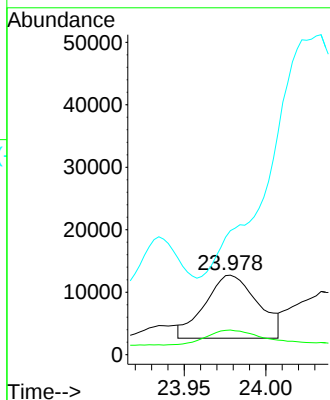
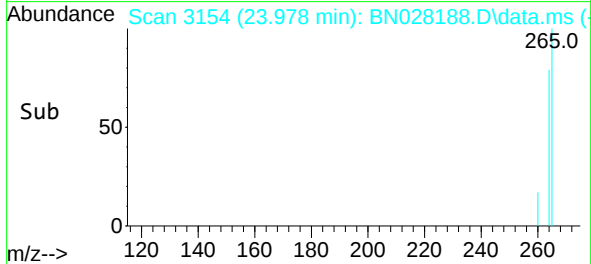
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:264 Resp: 2273
Ion Ratio Lower Upper
264 100
260 31.0 20.2 30.4
265 156.1 54.8 82.2

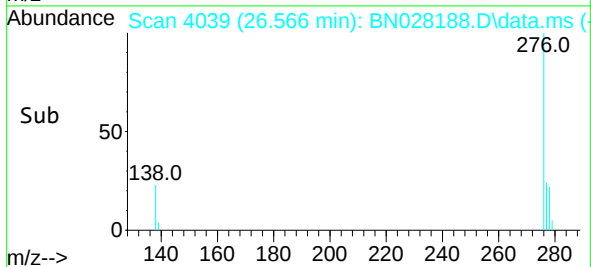
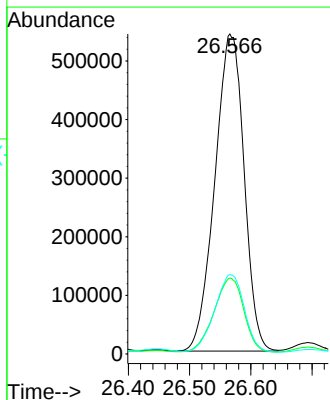
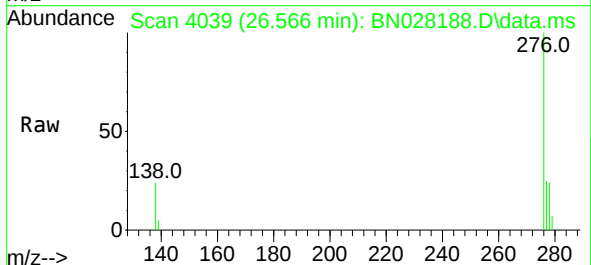
Manual Integrations
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Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 23.473 ng
RT: 26.566 min Scan# 4039
Delta R.T. 0.009 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

Tgt Ion:276 Resp: 1794702
Ion Ratio Lower Upper
276 100
138 23.7 20.9 31.3
277 24.7 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 49.544 ng

RT: 23.221 min Scan# 2903

Delta R.T. 0.009 min

Lab File: BN028188.D

Acq: 10 Oct 2023 08:38

Instrument :

BNA_N

ClientSampleId :

1-1(0-5)MS

Tgt Ion:252 Resp: 3637170

Ion Ratio Lower Upper

252 100

253 22.7 22.9 34.3

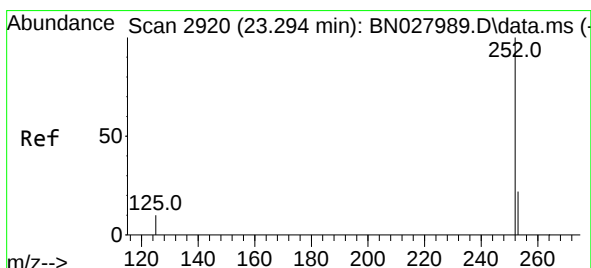
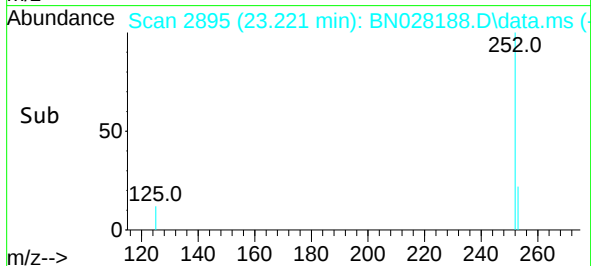
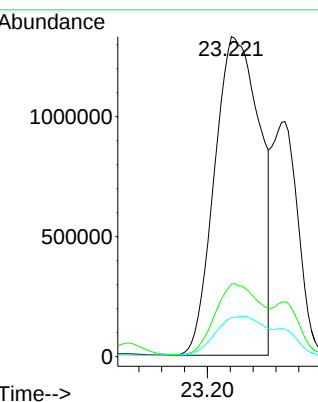
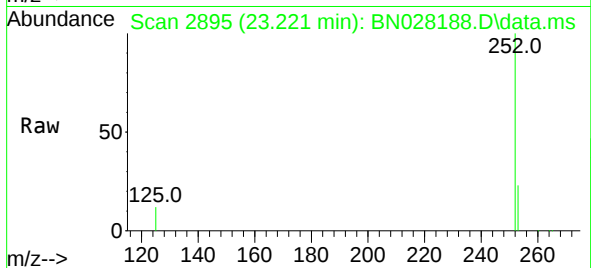
125 12.3 13.8 20.8

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#38

Benzo(k)fluoranthene

Concen: 20.860 ng m

RT: 23.268 min Scan# 2911

Delta R.T. 0.006 min

Lab File: BN028188.D

Acq: 10 Oct 2023 08:38

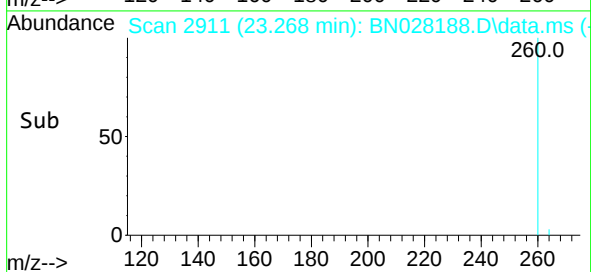
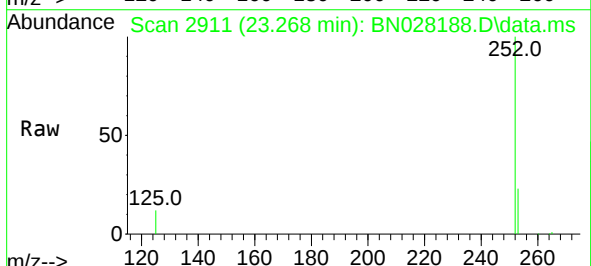
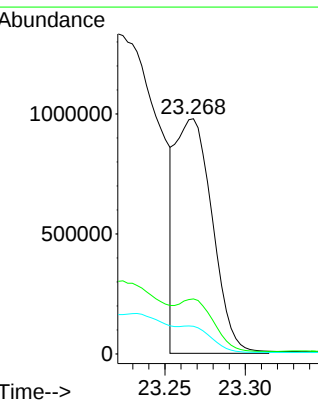
Tgt Ion:252 Resp: 1553297

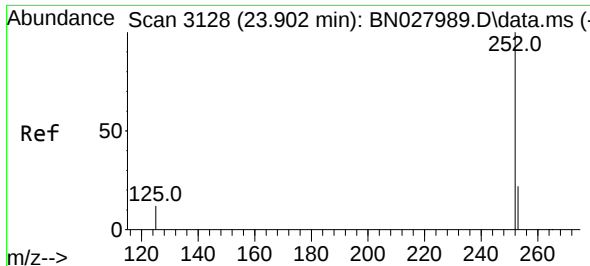
Ion Ratio Lower Upper

252 100

253 23.4 23.1 34.7

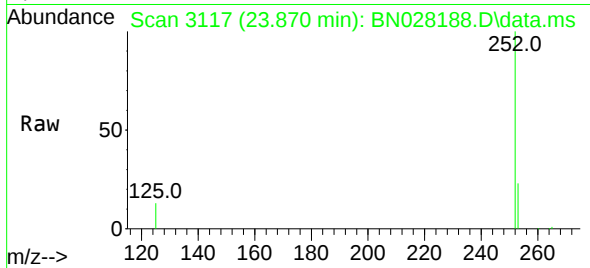
125 11.8 13.8 20.8





#39
Benzo(a)pyrene
Concen: 44.321 ng m
RT: 23.870 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

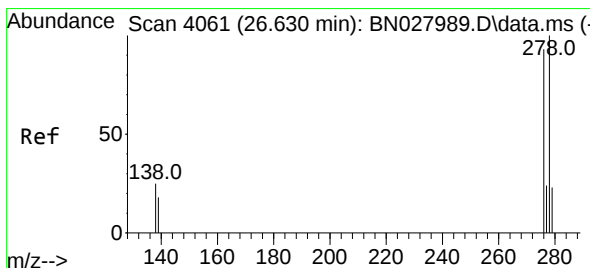
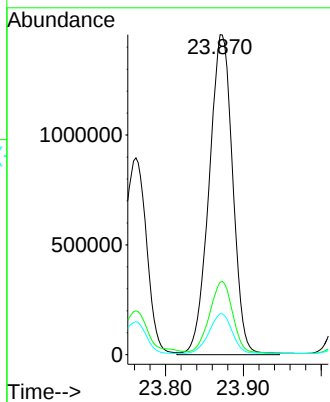
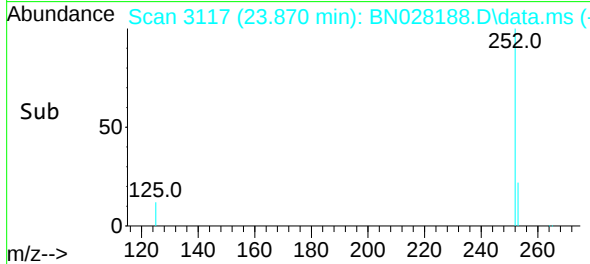
Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



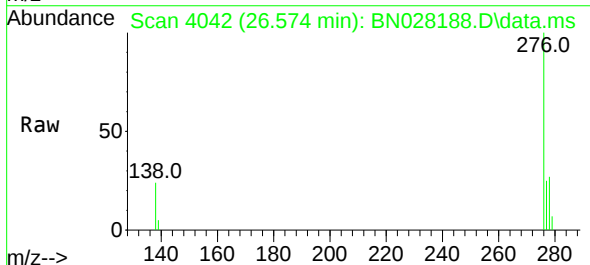
Tgt Ion:252 Resp: 307668
Ion Ratio Lower Upper
252 100
253 22.7 25.0 37.4
125 12.8 16.6 24.8

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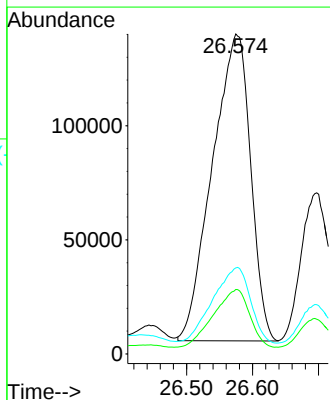
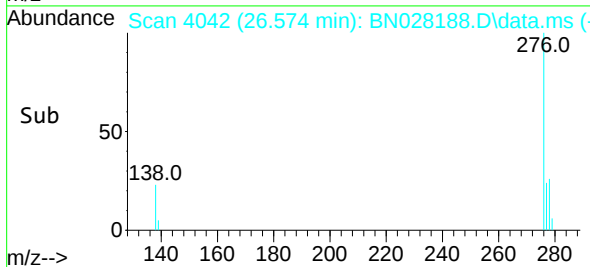
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

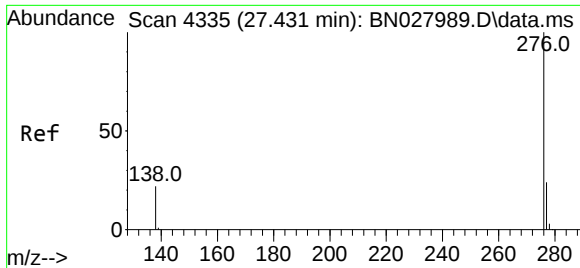


#40
Dibenzo(a,h)anthracene
Concen: 8.663 ng
RT: 26.574 min Scan# 4042
Delta R.T. -0.003 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38



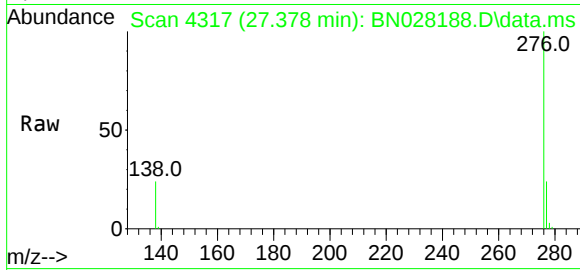
Tgt Ion:278 Resp: 541837
Ion Ratio Lower Upper
278 100
139 20.2 17.7 26.5
279 26.9 25.2 37.8





#41
Benzo(g,h,i)perylene
Concen: 26.107 ng
RT: 27.378 min Scan# 41
Delta R.T. 0.012 min
Lab File: BN028188.D
Acq: 10 Oct 2023 08:38

Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MS



Tgt Ion:276 Resp: 1676079
Ion Ratio Lower Upper
276 100
277 24.0 22.1 33.1
138 23.8 20.8 31.2

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

