

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
 Data File : BN028201.D
 Acq On : 10 Oct 2023 17:27
 Operator : MA/JU
 Sample : 04657-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 W-2(0-2IN)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 10 18:41:36 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4226	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	13608m	0.400	ng	0.00
13) Acenaphthene-d10	14.565	164	7322	0.400	ng	0.00
19) Phenanthrene-d10	17.318	188	13450	0.400	ng	0.00
29) Chrysene-d12	21.515	240	12610m	0.400	ng	0.00
35) Perylene-d12	23.983	264	17907m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3754	0.298	ng	0.00
5) Phenol-d6	7.083	99	4849	0.305	ng	0.00
8) Nitrobenzene-d5	9.112	82	10007	0.864	ng	-0.01
11) 2-Methylnaphthalene-d10	12.316	152	7410m	0.368	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	929	0.277	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	7532	0.285	ng	0.00
27) Fluoranthene-d10	19.355	212	9050	0.268	ng	0.00
31) Terphenyl-d14	19.941	244	8770	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1814	0.383	ng	# 60
3) n-Nitrosodimethylamine	3.703	42	2156	0.397	ng	# 96
6) bis(2-Chloroethyl)ether	7.358	93	5420	0.423	ng	99
9) Naphthalene	10.788	128	210250	5.980	ng	98
10) Hexachlorobutadiene	11.002	225	2347	0.376	ng	# 100
12) 2-Methylnaphthalene	12.392	142	83867	3.410	ng	99
16) Acenaphthylene	14.287	152	774640	23.882	ng	100
17) Acenaphthene	14.629	154	61077	2.954	ng	99
18) Fluorene	15.605	166	144938	5.397	ng	89
20) 4,6-Dinitro-2-methylph...	16.772	198	781	4.369	ng	# 39
21) 4-Bromophenyl-phenylether	16.499	248	2851	0.407	ng	# 87
22) Hexachlorobenzene	16.586	284	3151	0.428	ng	# 87
23) Atrazine	16.772	200	2686	0.439	ng	# 79
24) Pentachlorophenol	16.958	266	16739	4.830	ng	95
25) Phenanthrene	17.368	178	1212203	33.430	ng	100
26) Anthracene	17.455	178	729930	21.297	ng	97
28) Fluoranthene	19.388	202	2012857	48.099	ng	99
30) Pyrene	19.755	202	2381824	51.510	ng	98
32) Benzo(a)anthracene	21.497	228	1448143	33.749	ng	98
33) Chrysene	21.560	228	1268394	30.673	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	74018	2.623	ng	99
36) Indeno(1,2,3-cd)pyrene	26.574	276	888282	14.747	ng	97
37) Benzo(b)fluoranthene	23.223	252	1584801	27.403	ng	# 89
38) Benzo(k)fluoranthene	23.270	252	626539m	10.681	ng	
39) Benzo(a)pyrene	23.875	252	1450498m	26.524	ng	
40) Dibenzo(a,h)anthracene	26.583	278	273926	5.559	ng	97
41) Benzo(g,h,i)perylene	27.395	276	940759	18.601	ng	95

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

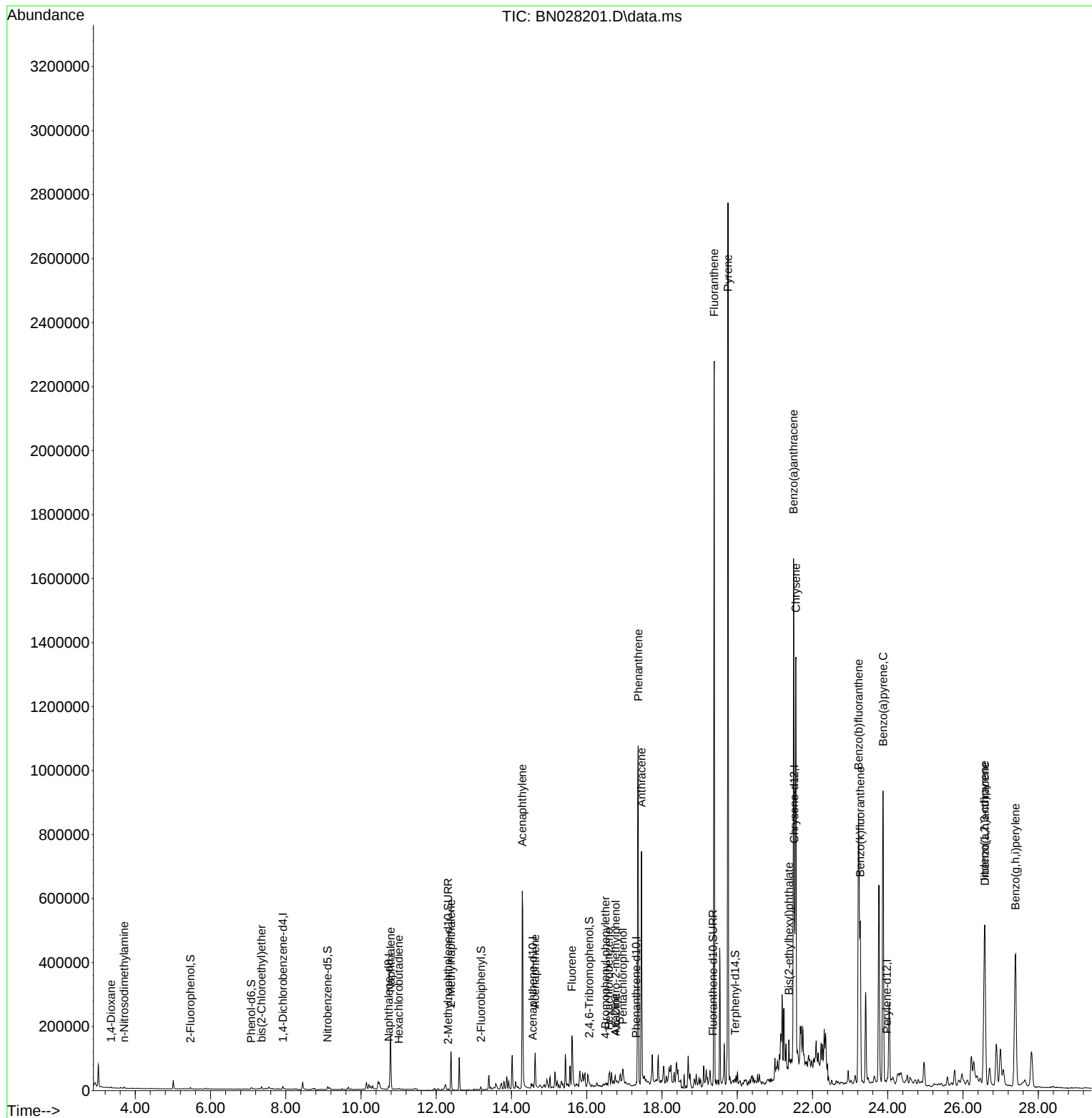
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028201.D
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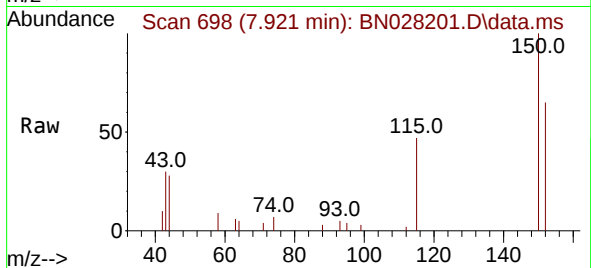
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.921 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN028201.D
 Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

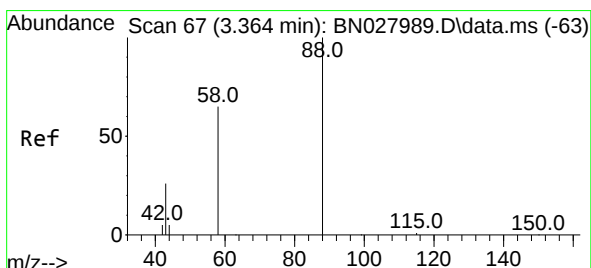
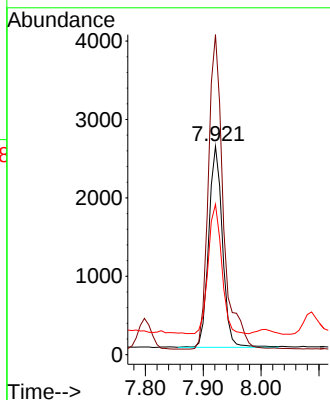
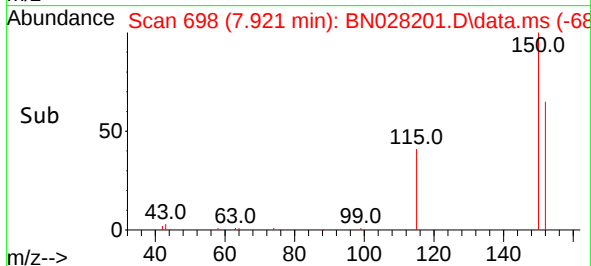
W-2(0-2IN)MS



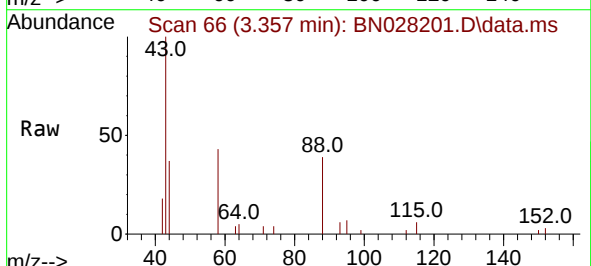
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 Ion Ratio Lower Upper
 152 100
 150 153.5 125.6 188.4
 115 72.2 54.8 82.2

Manual Integrations
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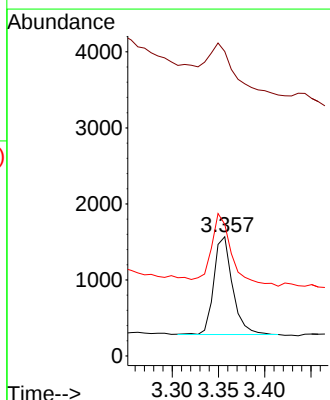
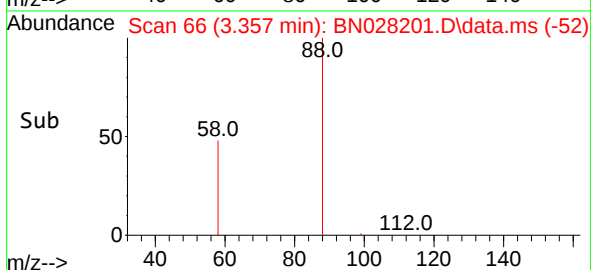
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#2
 1,4-Dioxane
 Concen: 0.383 ng
 RT: 3.357 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BN028201.D
 Acq: 10 Oct 2023 17:27



Tgt Ion: 88 Resp: 1814
 Ion Ratio Lower Upper
 88 100
 43 75.8 24.6 36.8#
 58 83.2 53.8 80.6#





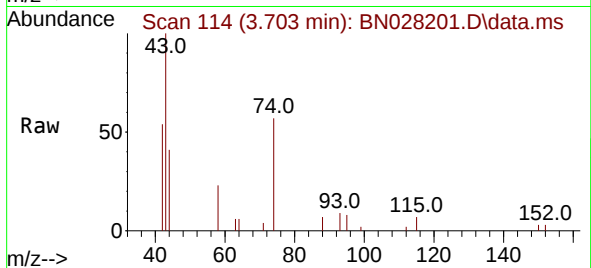
#3
n-Nitrosodimethylamine
Concen: 0.397 ng
RT: 3.703 min Scan# 116
Delta R.T. -0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

W-2(0-2IN)MS



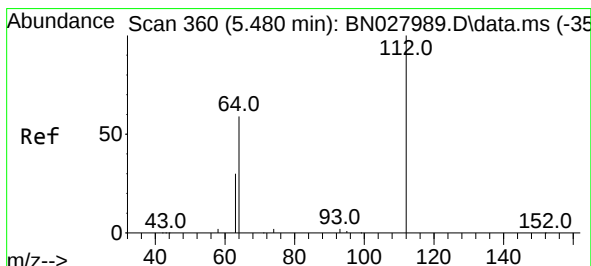
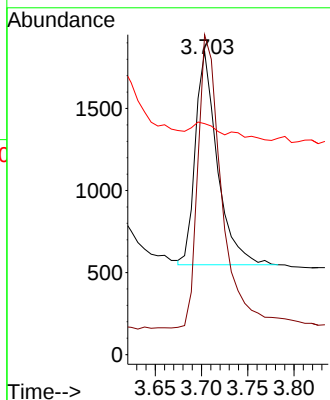
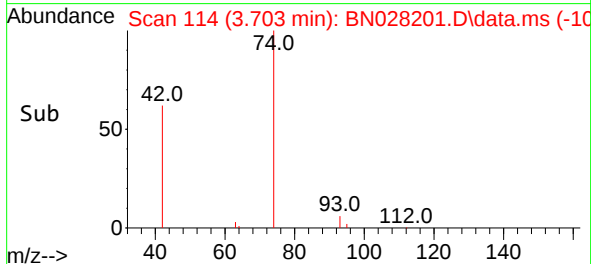
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Ion Ratio Lower Upper
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74 149.6 115.9 173.9
44 12.8 8.0 12.0

Manual Integrations

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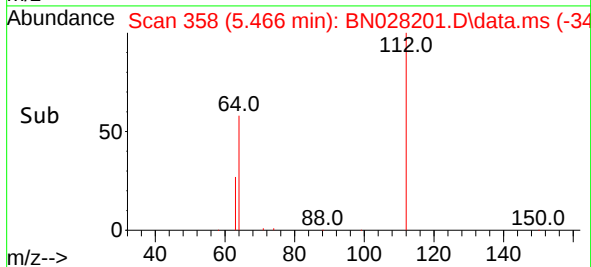
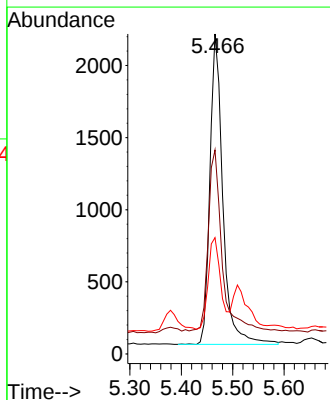
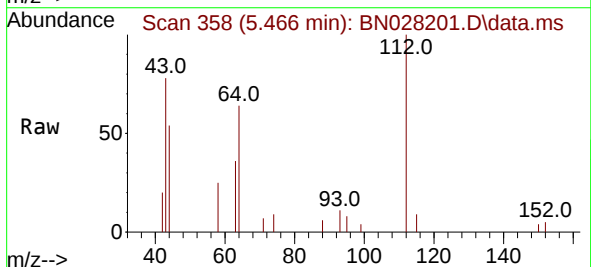
Reviewed By :Yogesh Patel 10/11/2023

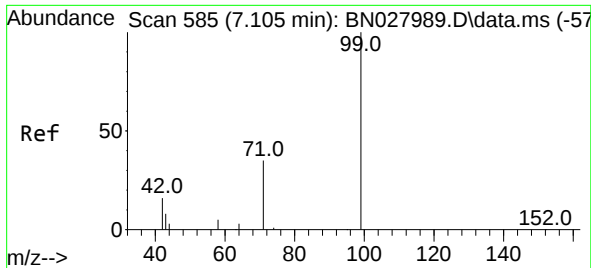
Supervised By :mohammad ahmed 10/12/2023



#4
2-Fluorophenol
Concen: 0.298 ng
RT: 5.466 min Scan# 358
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

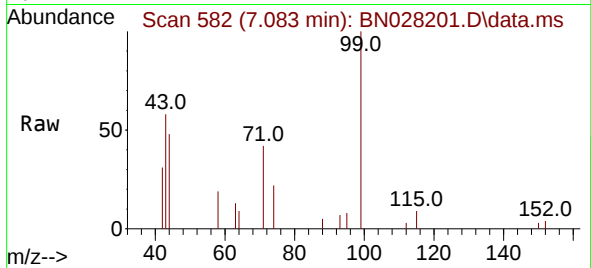
Tgt Ion:112 Resp: 3754
Ion Ratio Lower Upper
112 100
64 61.5 45.0 67.6
63 29.2 23.4 35.0





#5
Phenol-d6
Concen: 0.305 ng
RT: 7.083 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

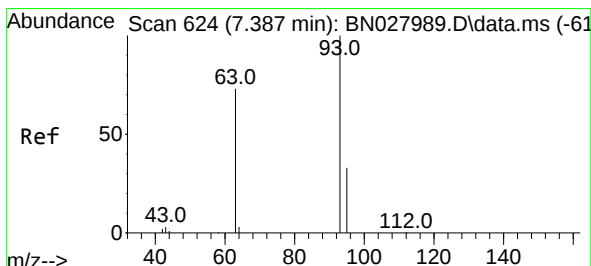
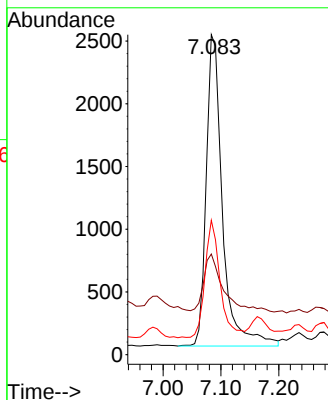
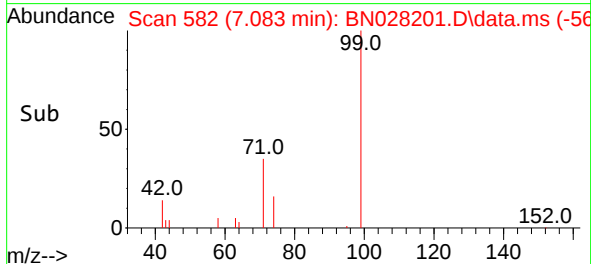
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



Tgt Ion: 99 Resp: 4849
Ion Ratio Lower Upper
99 100
42 22.3 14.6 22.0
71 35.1 28.3 42.5

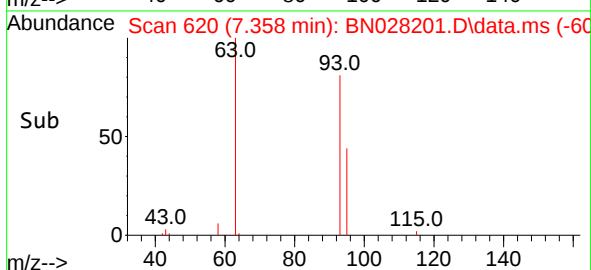
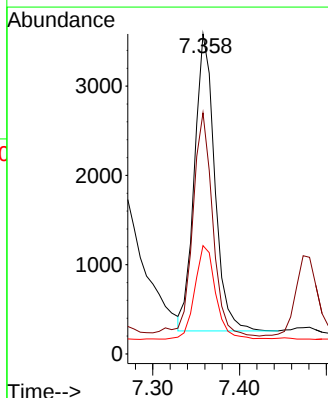
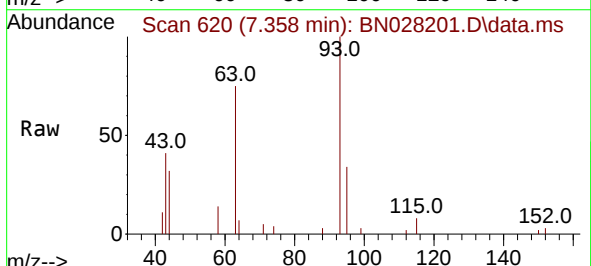
Manual Integrations
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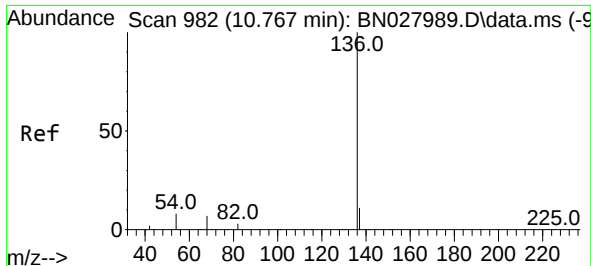
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.423 ng
RT: 7.358 min Scan# 620
Delta R.T. -0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 93 Resp: 5420
Ion Ratio Lower Upper
93 100
63 74.6 58.8 88.2
95 33.0 26.6 39.8





#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.735 min Scan# 91
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

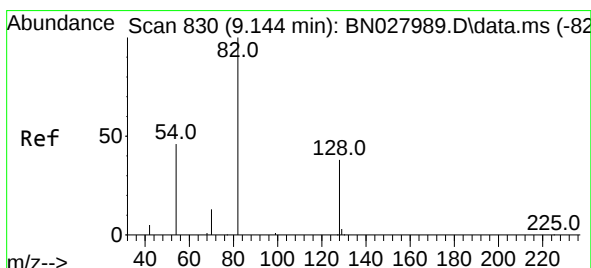
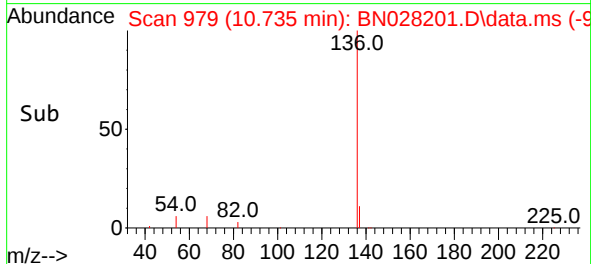
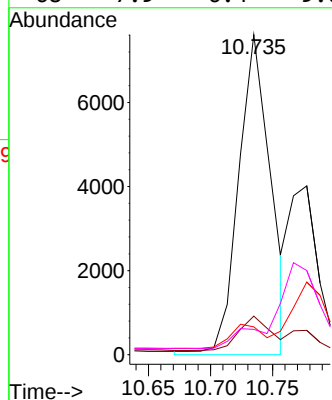
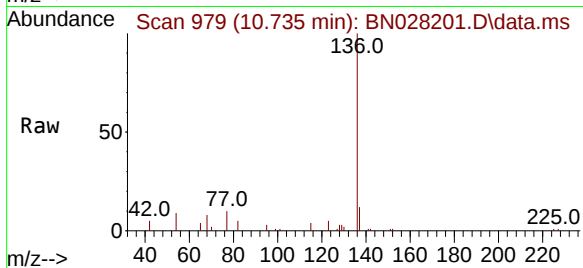
W-2(0-2IN)MS

Tgt Ion:136 Resp: 13608
Ion Ratio Lower Upper
136 100
137 12.0 9.4 14.0
54 8.7 7.0 10.6
68 7.9 6.4 9.6

Manual Integrations

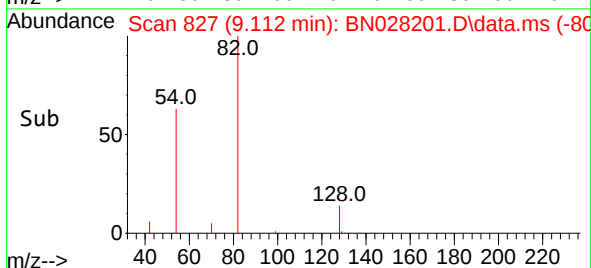
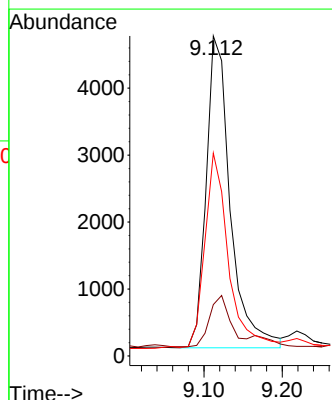
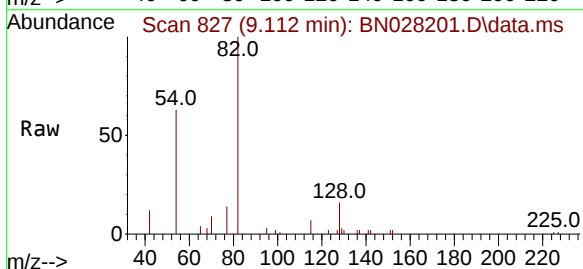
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Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#8
Nitrobenzene-d5
Concen: 0.864 ng
RT: 9.112 min Scan# 827
Delta R.T. -0.011 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Tgt Ion: 82 Resp: 10007
Ion Ratio Lower Upper
82 100
128 16.0 32.7 49.1#
54 63.4 38.7 58.1#





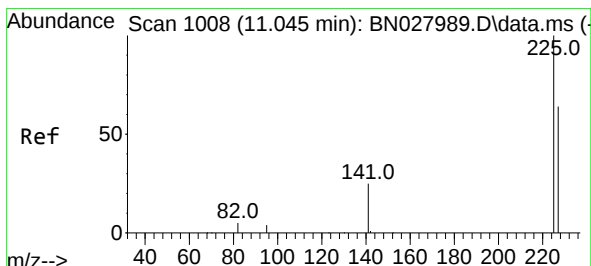
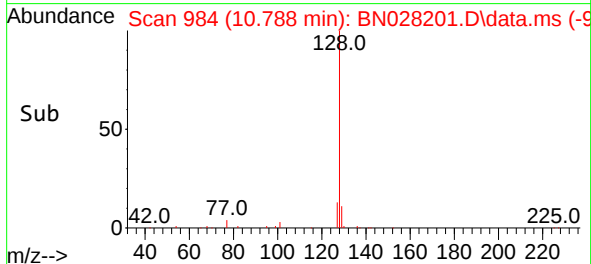
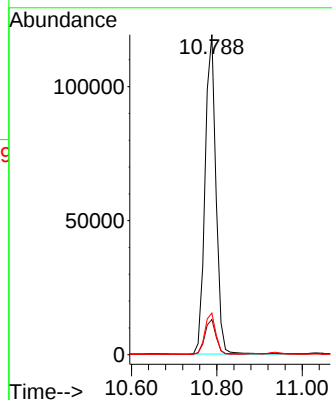
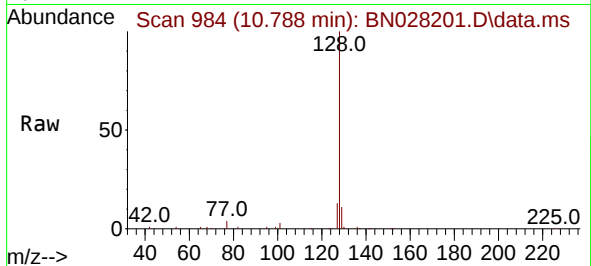
#9
Naphthalene
Concen: 5.980 ng
RT: 10.788 min Scan# 91
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS

Tgt Ion:128 Resp: 210250
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.0 10.9 16.3

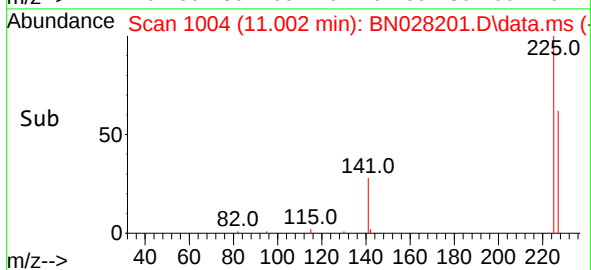
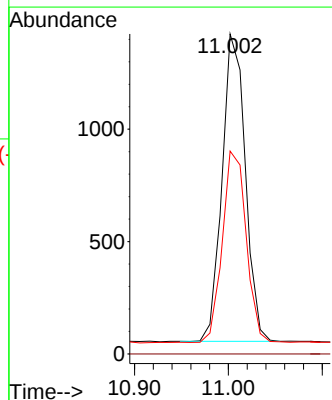
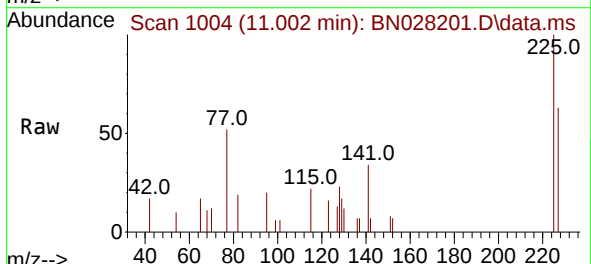
Manual Integrations
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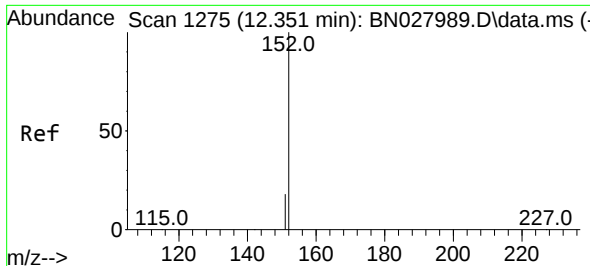
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.002 min Scan# 1004
Delta R.T. -0.011 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

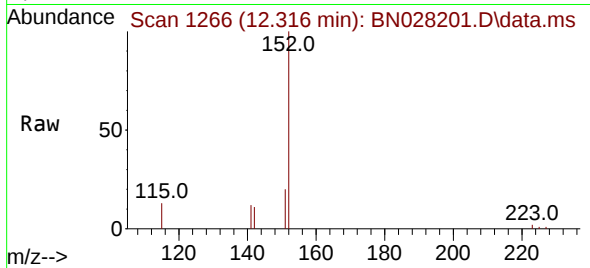
Tgt Ion:225 Resp: 2347
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 51.3 76.9





#11
2-Methylnaphthalene-d10
Concen: 0.368 ng m
RT: 12.316 min Scan# 1275
Delta R.T. -0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

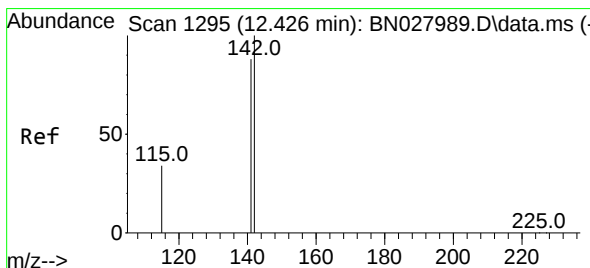
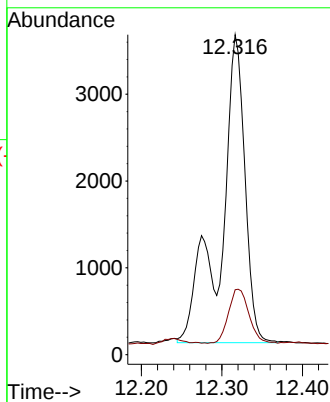
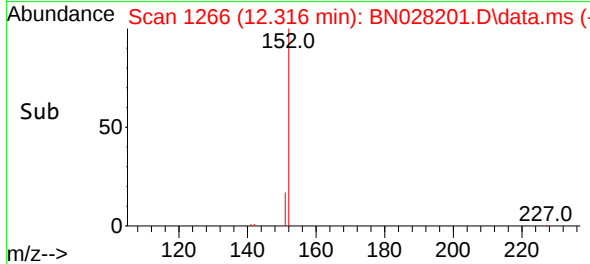
Instrument :
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ClientSampleId :
W-2(0-2IN)MS



Tgt Ion:152 Resp: 7410
Ion Ratio Lower Upper
152 100
151 14.9 16.5 24.75

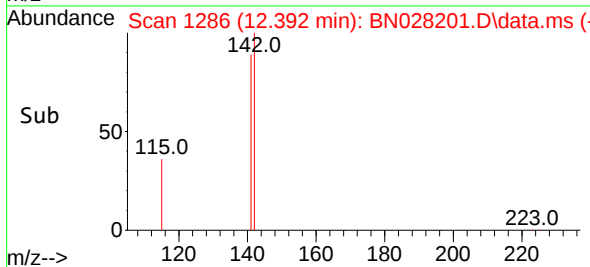
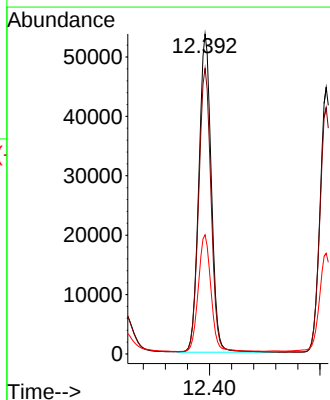
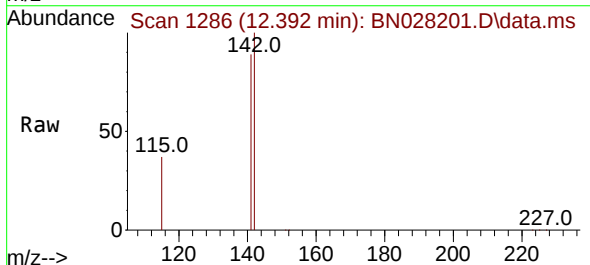
Manual Integrations
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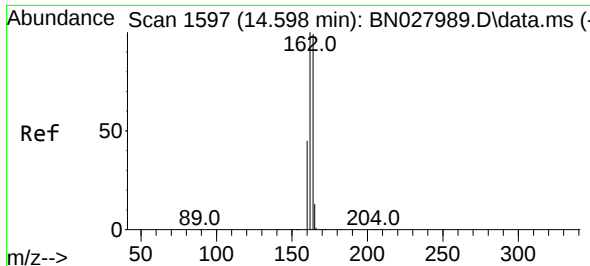
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#12
2-Methylnaphthalene
Concen: 3.410 ng
RT: 12.392 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

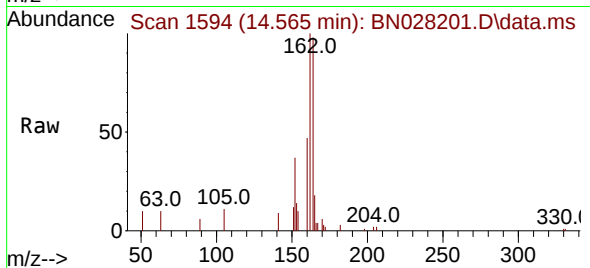
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Ion Ratio Lower Upper
142 100
141 89.3 70.7 106.1
115 37.3 28.6 42.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.565 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

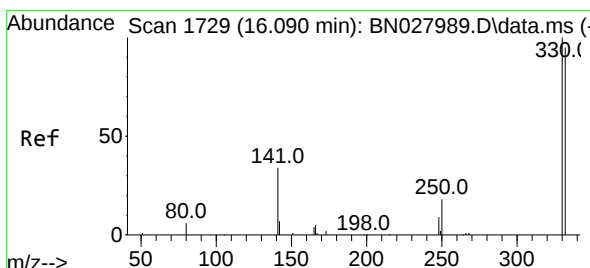
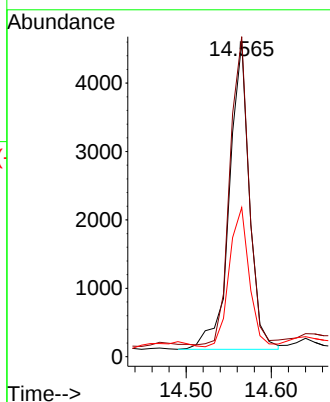
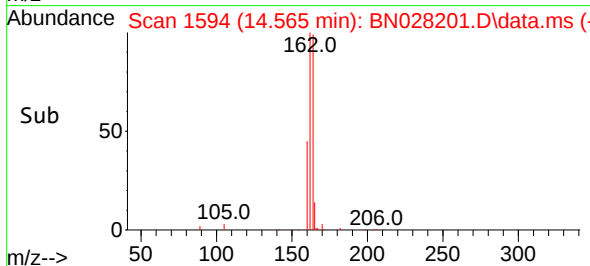
Instrument :
BNA_N
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W-2(0-2IN)MS



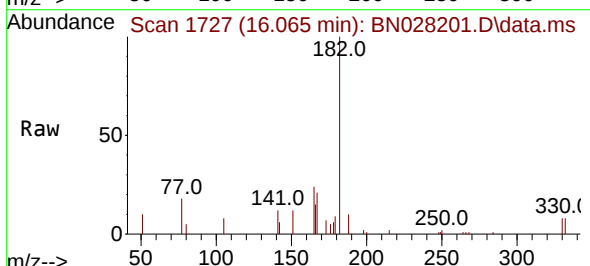
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160 47.4 36.4 54.6

Manual Integrations
APPROVED

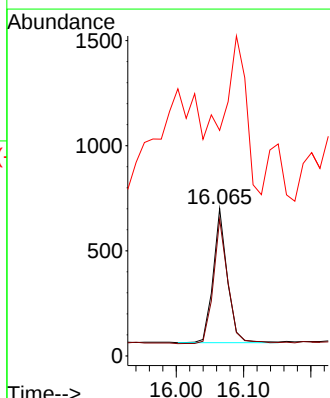
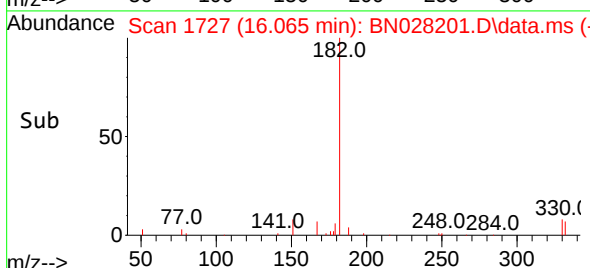
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

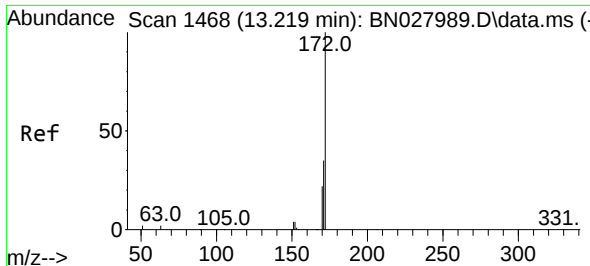


#14
2,4,6-Tribromophenol
Concen: 0.277 ng
RT: 16.065 min Scan# 1727
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27



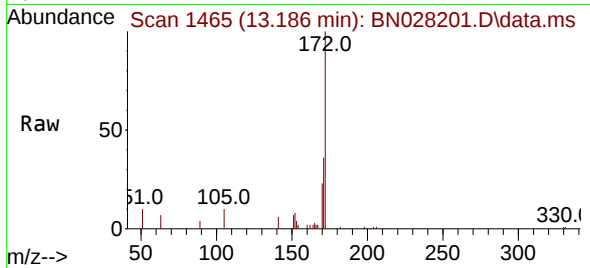
Tgt Ion:330 Resp: 929
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 0.0 33.4 50.2#





#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 13.186 min Scan# 1465
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

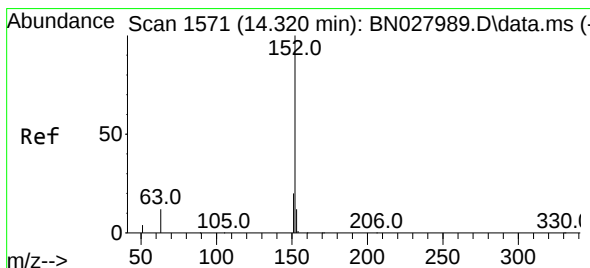
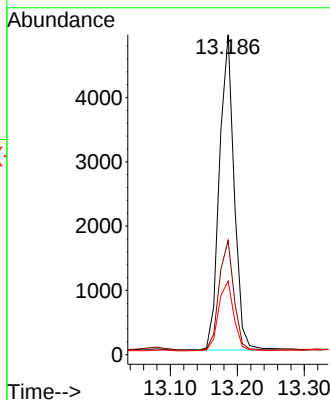
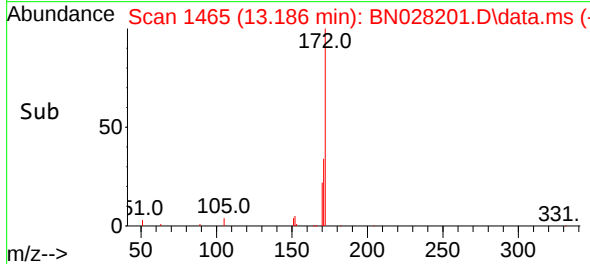
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



Tgt Ion:172 Resp: 7532
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 22.9 18.4 27.6

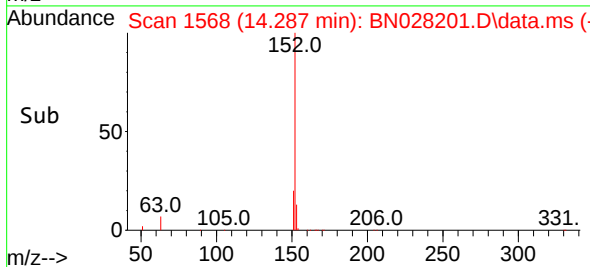
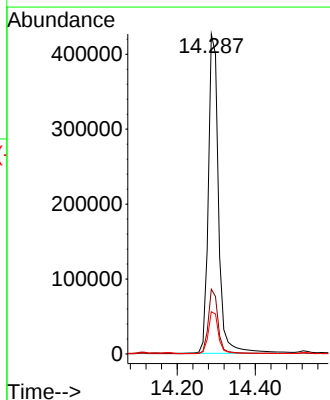
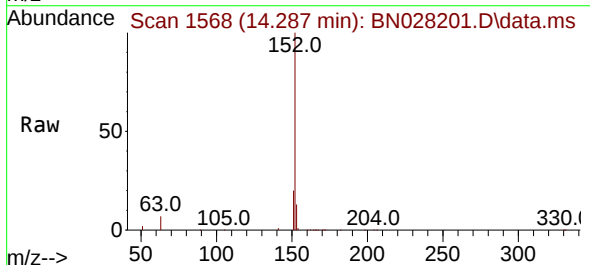
Manual Integrations
APPROVED

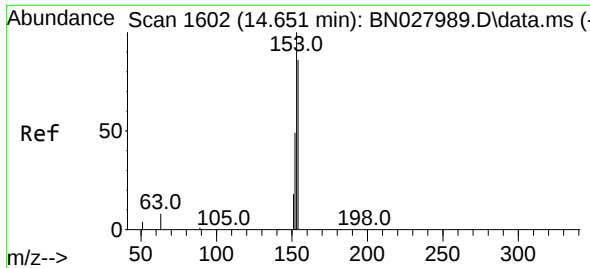
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#16
Acenaphthylene
Concen: 23.882 ng
RT: 14.287 min Scan# 1568
Delta R.T. -0.011 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

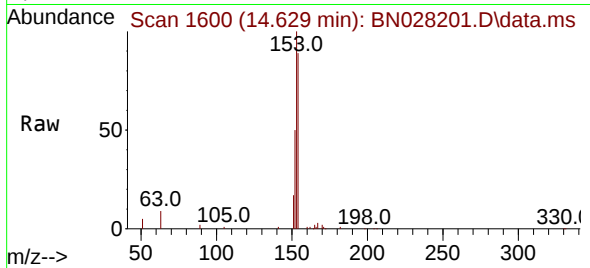
Tgt Ion:152 Resp: 774640
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 13.2 10.2 15.4





#17
Acenaphthene
Concen: 2.954 ng
RT: 14.629 min Scan# 1600
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

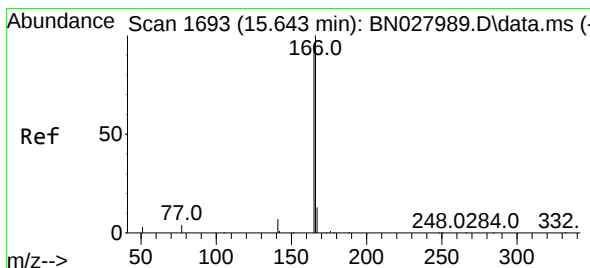
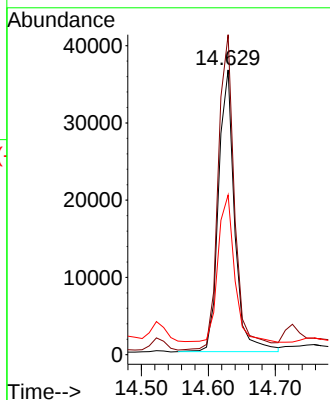
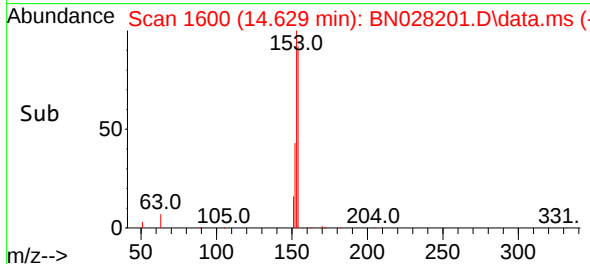
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



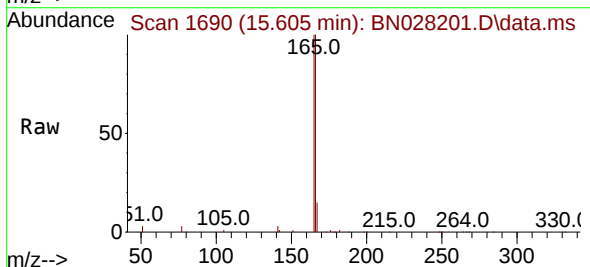
Tgt Ion:154 Resp: 6107
Ion Ratio Lower Upper
154 100
153 114.2 90.8 136.2
152 53.8 43.9 65.9

Manual Integrations
APPROVED

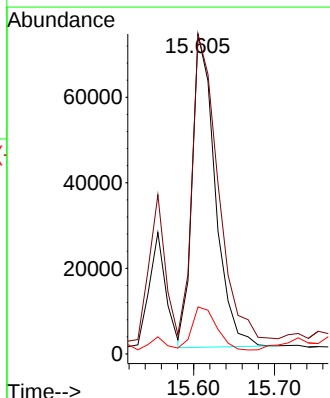
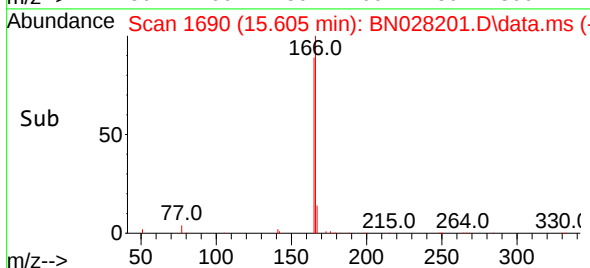
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

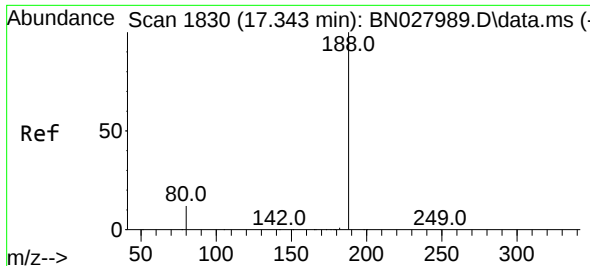


#18
Fluorene
Concen: 5.397 ng
RT: 15.605 min Scan# 1690
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27



Tgt Ion:166 Resp: 144938
Ion Ratio Lower Upper
166 100
165 109.7 77.8 116.8
167 14.6 10.7 16.1





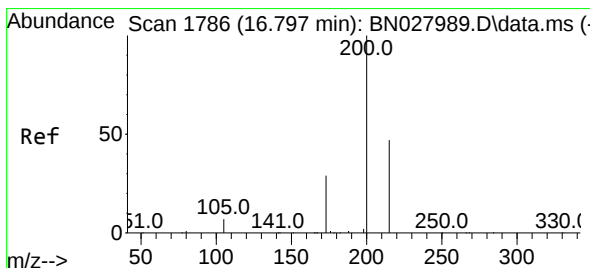
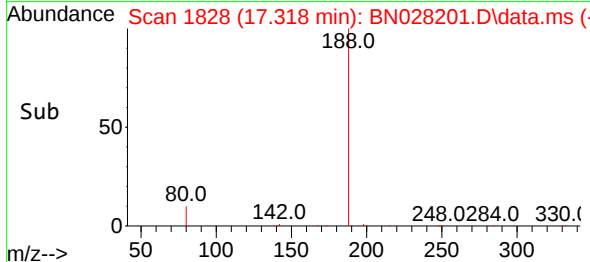
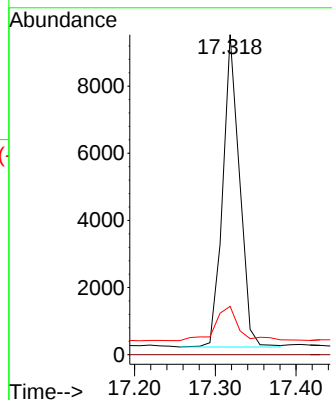
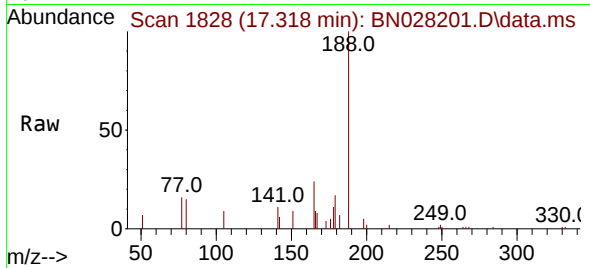
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.318 min Scan# 1828
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS

Tgt Ion:188 Resp: 13450
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 10.2 15.4

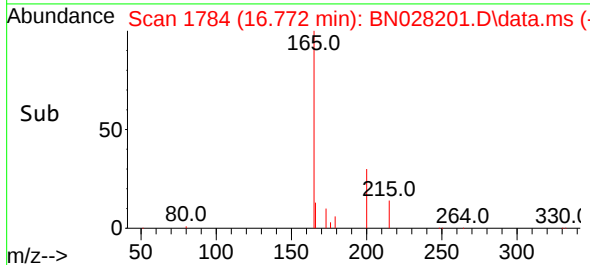
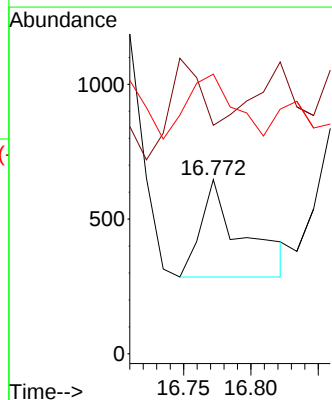
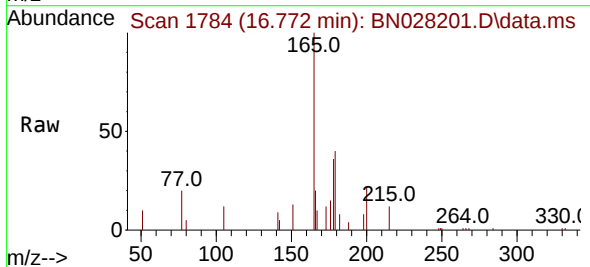
Manual Integrations
APPROVED

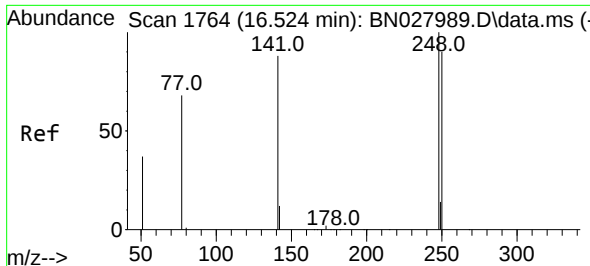
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 4.369 ng
RT: 16.772 min Scan# 1784
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

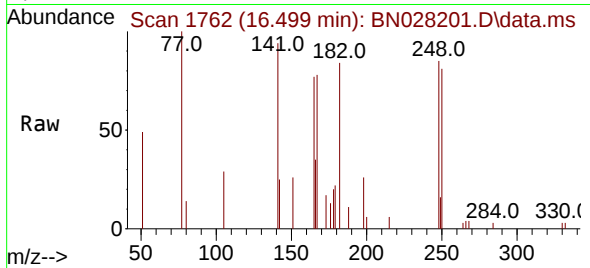
Tgt Ion:198 Resp: 781
Ion Ratio Lower Upper
198 100
51 131.1 180.7 271.1#
105 160.4 222.2 333.2#





#21
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.499 min Scan# 1762
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

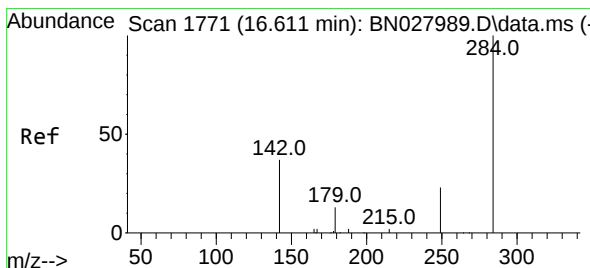
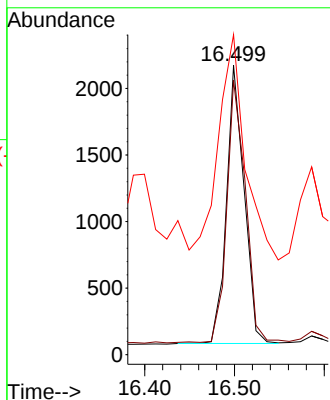
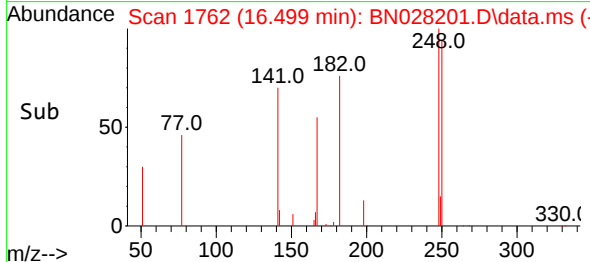
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



Tgt Ion:248 Resp: 285
Ion Ratio Lower Upper
248 100
250 94.8 72.3 108.5
141 110.6 71.8 107.6

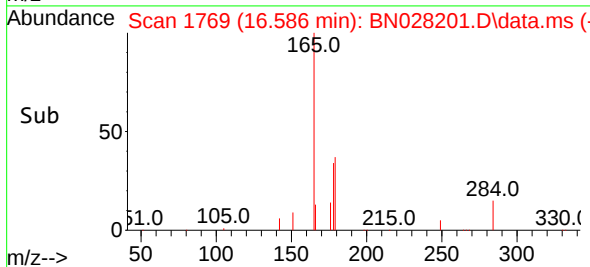
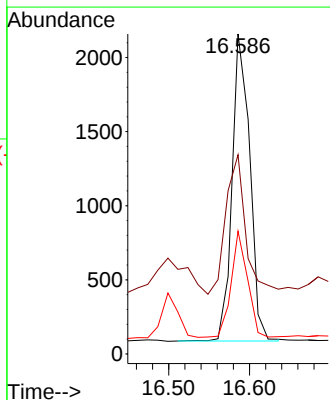
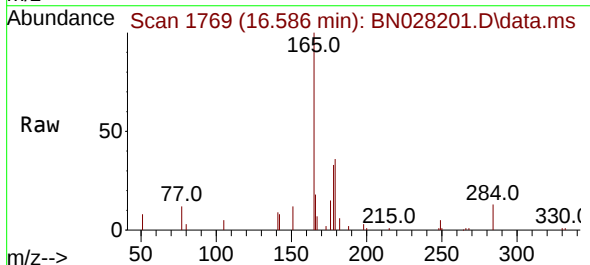
Manual Integrations
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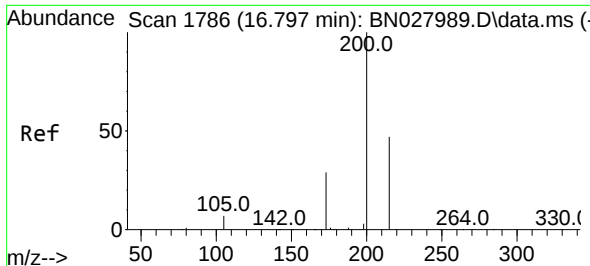
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#22
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.586 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

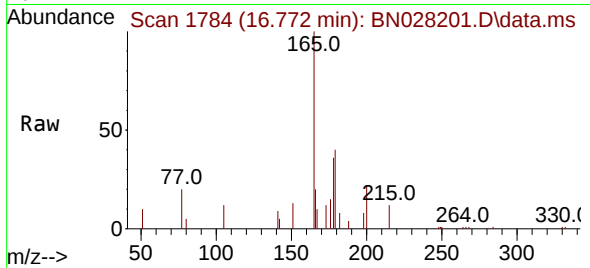
Tgt Ion:284 Resp: 3151
Ion Ratio Lower Upper
284 100
142 51.3 29.9 44.9#
249 32.0 25.0 37.4





#23
Atrazine
Concen: 0.439 ng
RT: 16.772 min Scan# 1799
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

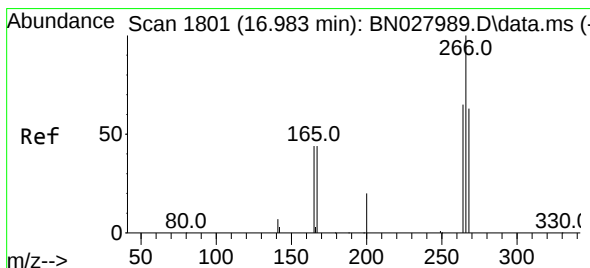
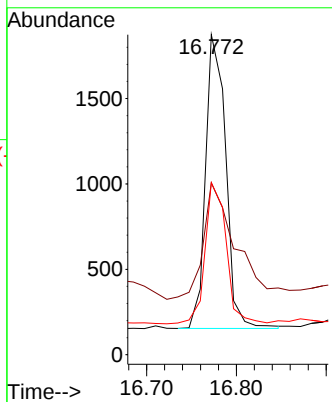
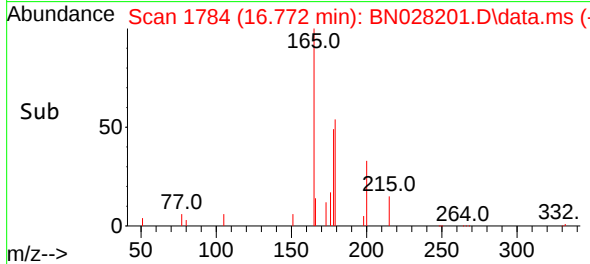
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



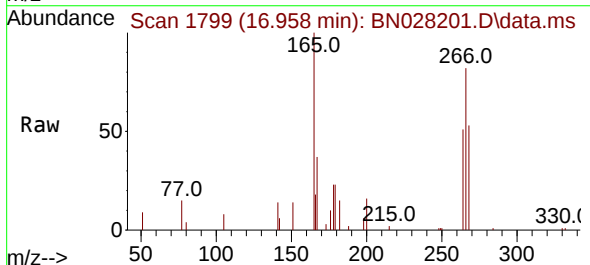
Tgt Ion:200 Resp: 2680
Ion Ratio Lower Upper
200 100
173 53.7 24.7 37.1
215 53.7 39.0 58.6

Manual Integrations
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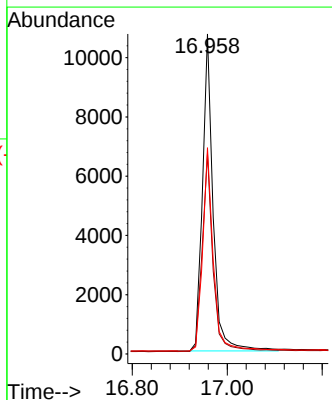
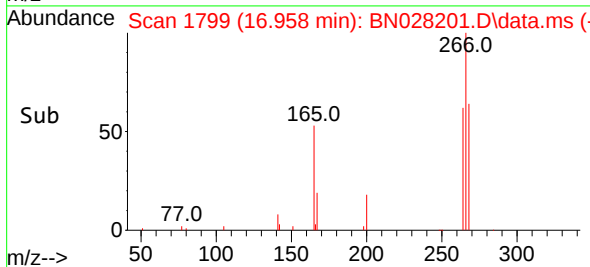
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#24
Pentachlorophenol
Concen: 4.830 ng
RT: 16.958 min Scan# 1799
Delta R.T. -0.013 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27



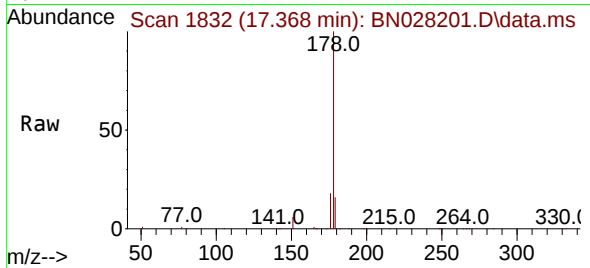
Tgt Ion:266 Resp: 16739
Ion Ratio Lower Upper
266 100
264 63.8 52.7 79.1
268 64.4 56.2 84.2





#25
Phenanthrene
Concen: 33.430 ng
RT: 17.368 min Scan# 1832
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

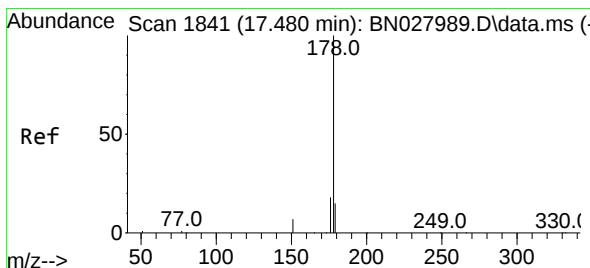
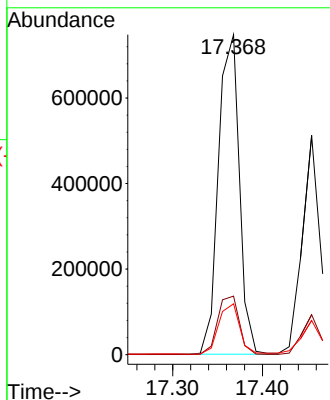
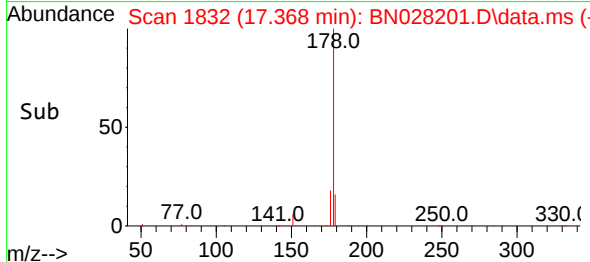
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



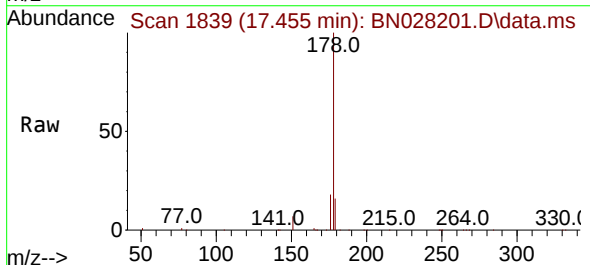
Tgt Ion:178 Resp: 121220
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.7 12.4 18.6

Manual Integrations
APPROVED

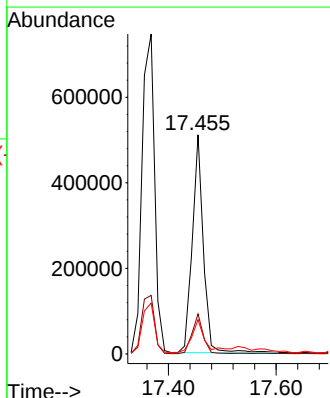
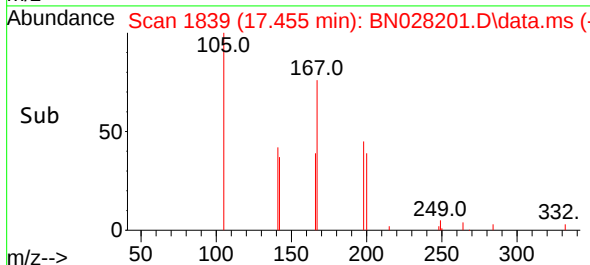
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

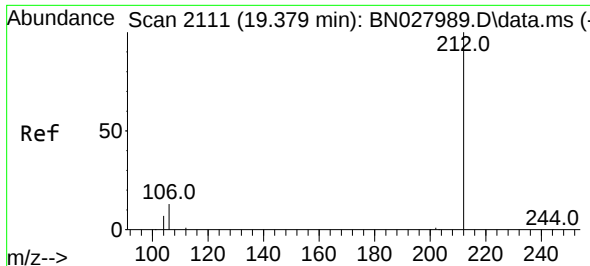


#26
Anthracene
Concen: 21.297 ng
RT: 17.455 min Scan# 1839
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27



Tgt Ion:178 Resp: 729930
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 17.6 12.2 18.2





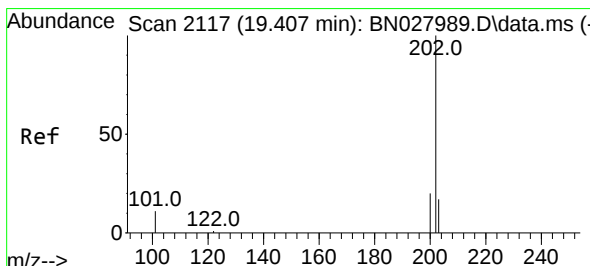
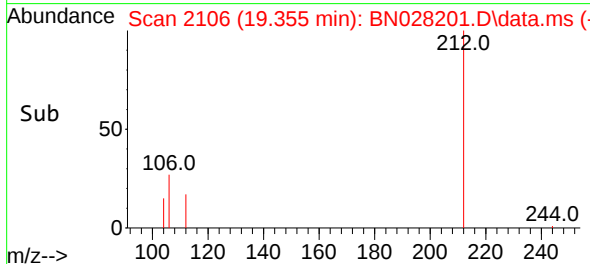
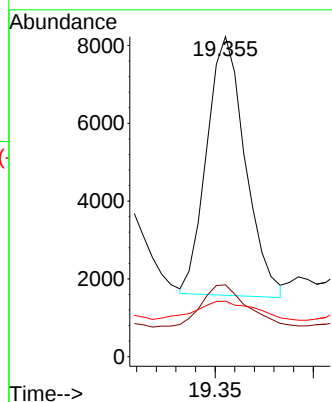
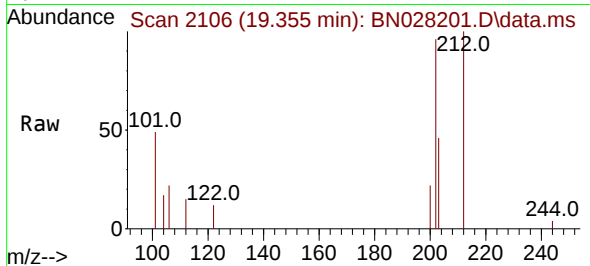
#27
Fluoranthene-d10
Concen: 0.268 ng
RT: 19.355 min Scan# 2106
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS

Tgt Ion:212 Resp: 9050
Ion Ratio Lower Upper
212 100
106 19.5 11.3 16.9
104 12.1 6.4 9.6

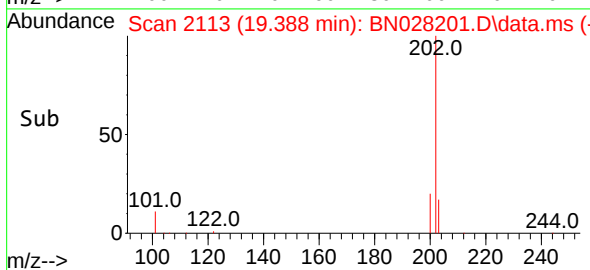
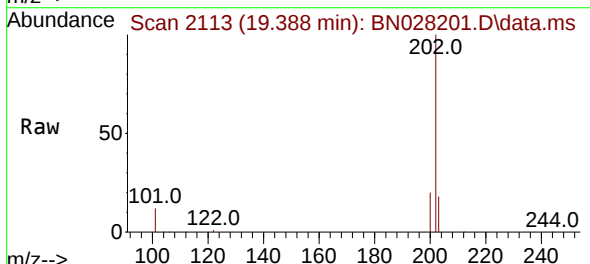
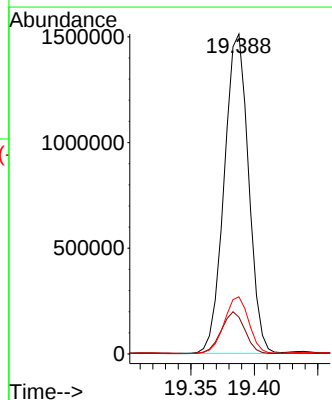
Manual Integrations
APPROVED

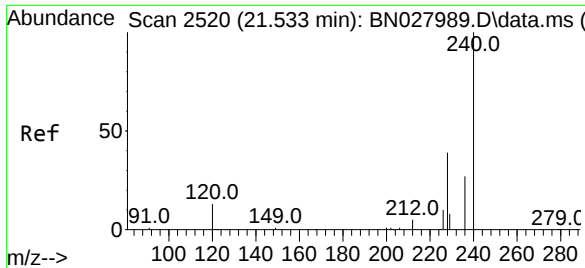
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#28
Fluoranthene
Concen: 48.099 ng
RT: 19.388 min Scan# 2113
Delta R.T. 0.004 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

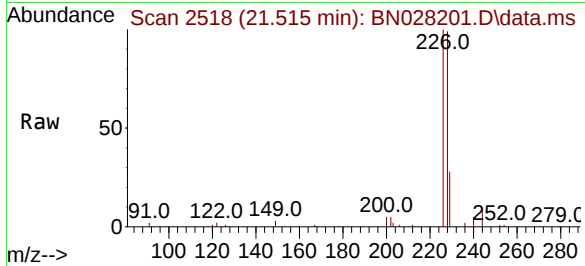
Tgt Ion:202 Resp: 2012857
Ion Ratio Lower Upper
202 100
101 12.8 9.8 14.6
203 17.9 13.8 20.8





#29
Chrysene-d12
Concen: 0.400 ng m
RT: 21.515 min Scan# 2118
Delta R.T. -0.001 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

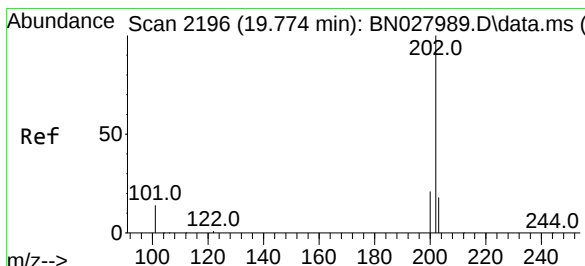
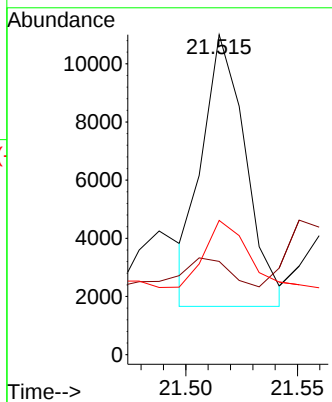
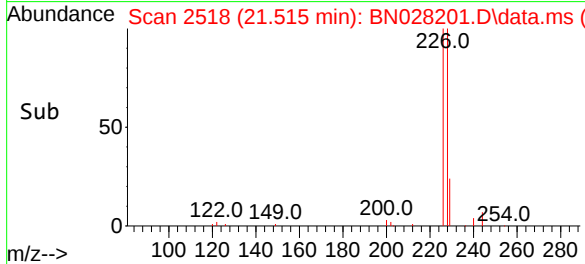
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



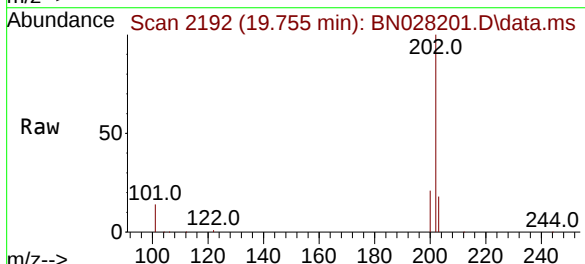
Tgt Ion:240 Resp: 12610
Ion Ratio Lower Upper
240 100
120 29.1 13.8 20.6
236 41.9 22.6 33.8

Manual Integrations
APPROVED

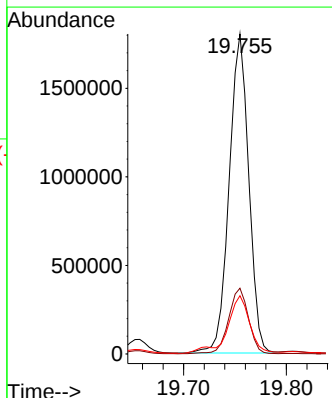
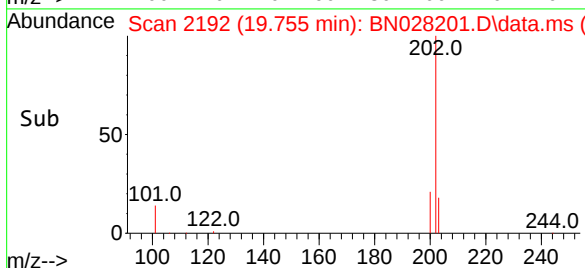
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

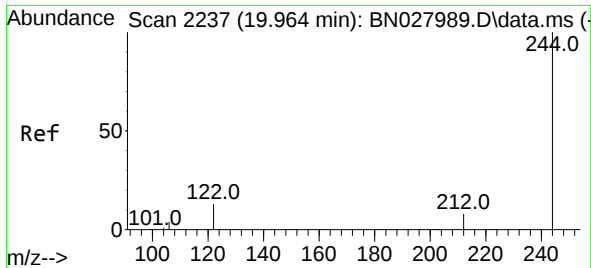


#30
Pyrene
Concen: 51.510 ng
RT: 19.755 min Scan# 2192
Delta R.T. 0.004 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27



Tgt Ion:202 Resp: 2381824
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 20.3 14.7 22.1





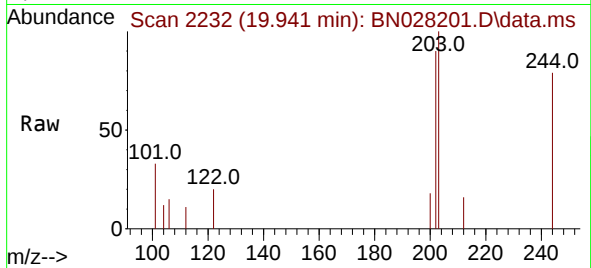
#31
 Terphenyl-d14
 Concen: 0.298 ng
 RT: 19.941 min Scan# 2111
 Delta R.T. -0.001 min
 Lab File: BN028201.D
 Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

W-2(0-2IN)MS

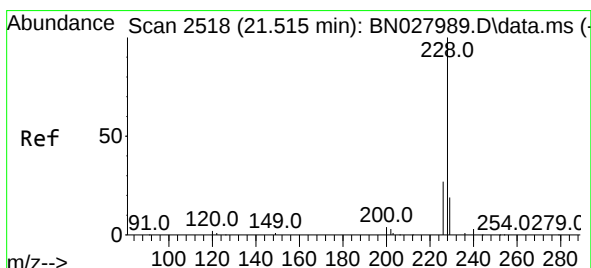
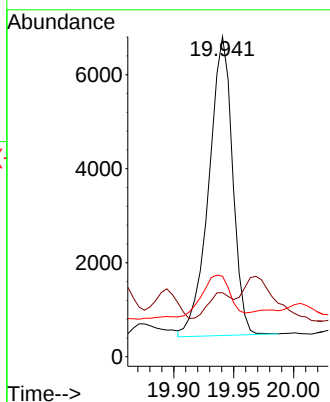
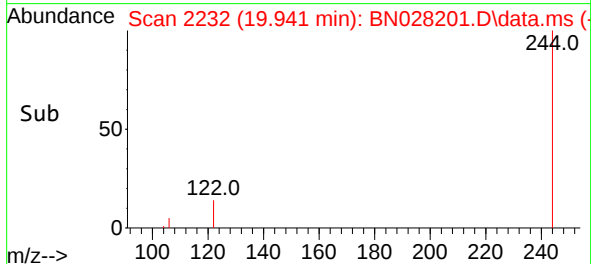


Tgt Ion:244 Resp: 8770
 Ion Ratio Lower Upper
 244 100
 212 20.0 6.6 9.8
 122 25.2 11.4 17.0

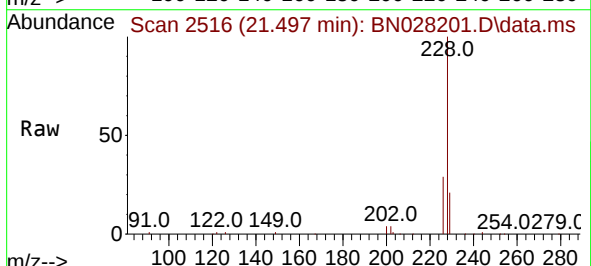
Manual Integrations

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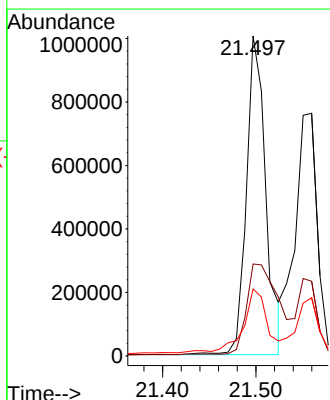
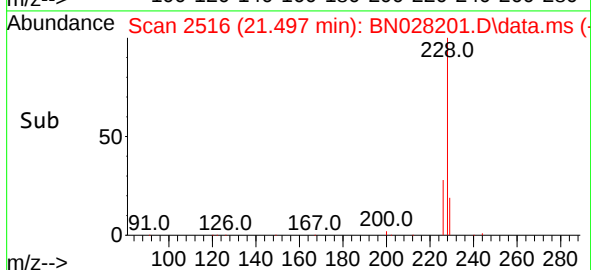
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

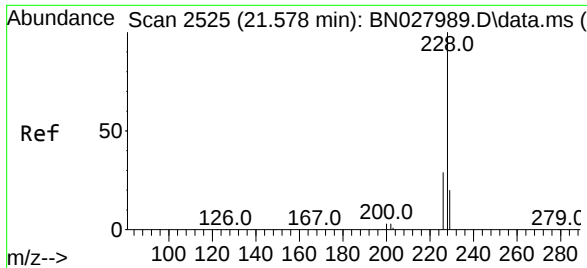


#32
 Benzo(a)anthracene
 Concen: 33.749 ng
 RT: 21.497 min Scan# 2516
 Delta R.T. -0.001 min
 Lab File: BN028201.D
 Acq: 10 Oct 2023 17:27



Tgt Ion:228 Resp: 1448143
 Ion Ratio Lower Upper
 228 100
 226 28.7 22.0 33.0
 229 21.0 16.0 24.0





#33

Chrysene

Concen: 30.673 ng

RT: 21.560 min Scan# 2150

Delta R.T. 0.008 min

Lab File: BN028201.D

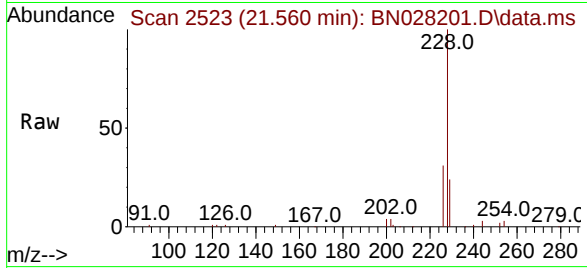
Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

W-2(0-2IN)MS



Tgt Ion:228 Resp: 1268394

Ion Ratio Lower Upper

228 100

226 30.8 23.8 35.8

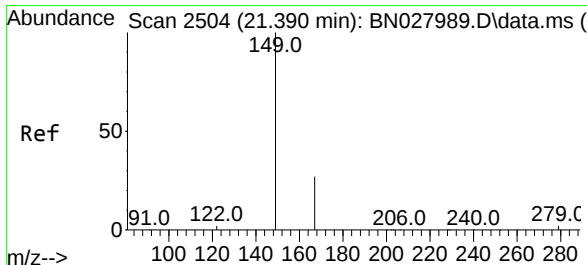
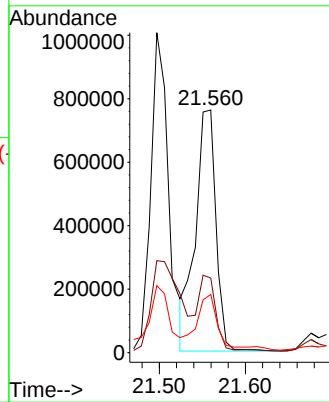
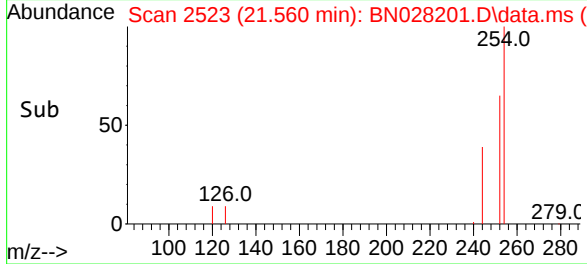
229 24.0 16.6 25.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 2.623 ng

RT: 21.372 min Scan# 2502

Delta R.T. 0.008 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

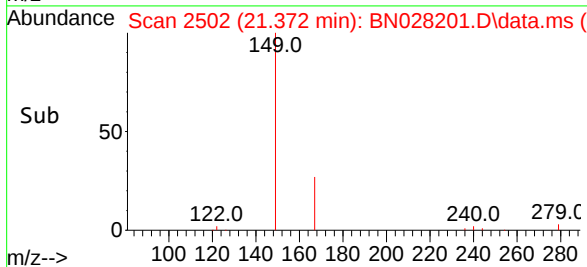
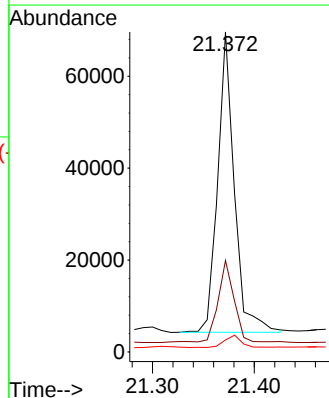
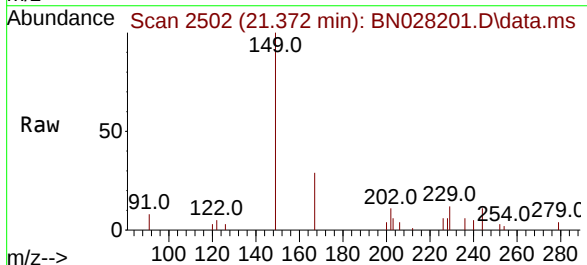
Tgt Ion:149 Resp: 74018

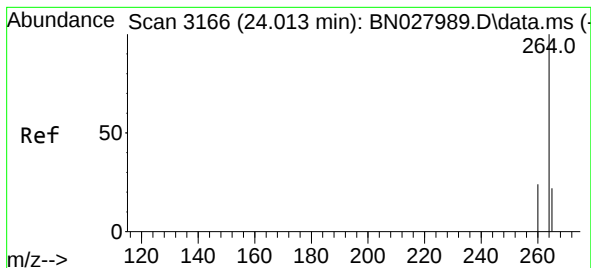
Ion Ratio Lower Upper

149 100

167 26.8 22.1 33.1

279 4.0 3.4 5.0





#35

Perylene-d12

Concen: 0.400 ng m

RT: 23.983 min Scan# 3166

Delta R.T. 0.008 min

Lab File: BN028201.D

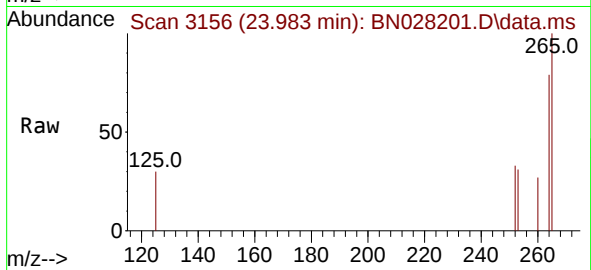
Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

W-2(0-2IN)MS



Tgt Ion:264 Resp: 1790

Ion Ratio Lower Upper

264 100

260 33.5 20.2 30.4

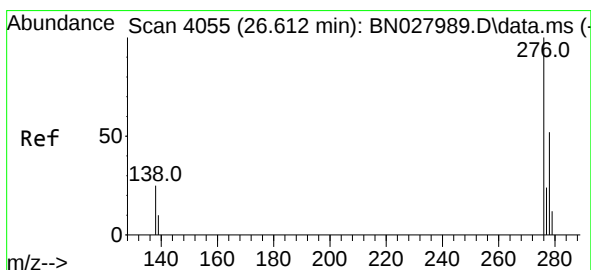
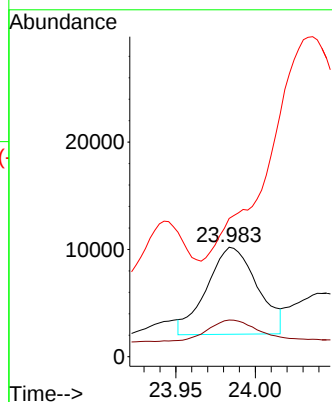
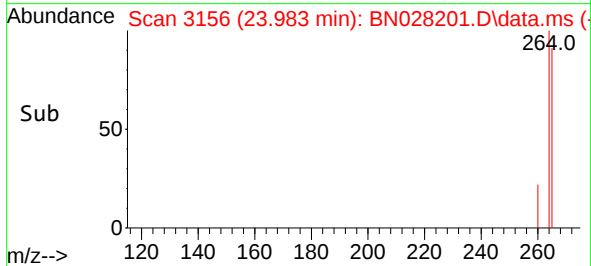
265 126.2 54.8 82.2

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 14.747 ng

RT: 26.574 min Scan# 4042

Delta R.T. 0.017 min

Lab File: BN028201.D

Acq: 10 Oct 2023 17:27

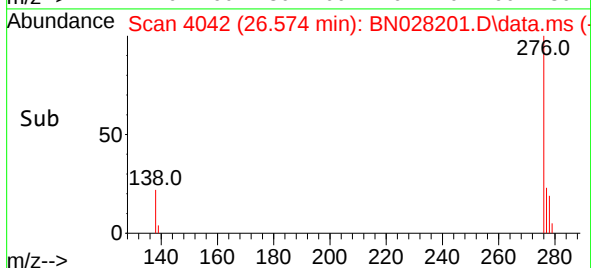
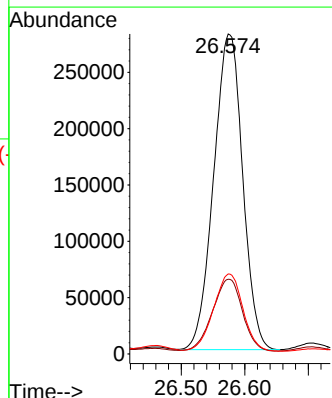
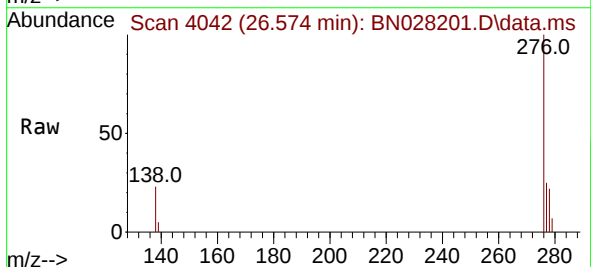
Tgt Ion:276 Resp: 888282

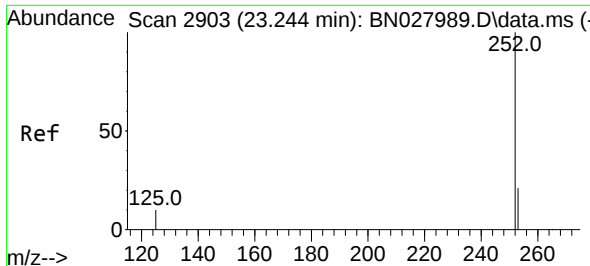
Ion Ratio Lower Upper

276 100

138 23.5 20.9 31.3

277 24.8 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 27.403 ng
RT: 23.223 min Scan# 2912
Delta R.T. 0.011 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

Instrument :

BNA_N

ClientSampleId :

W-2(0-2IN)MS

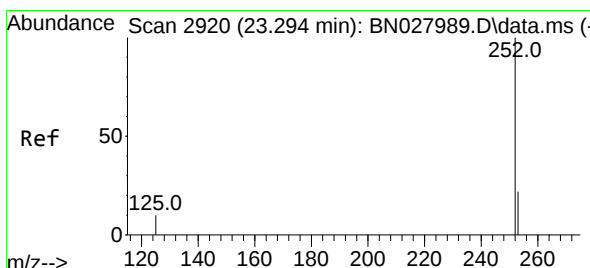
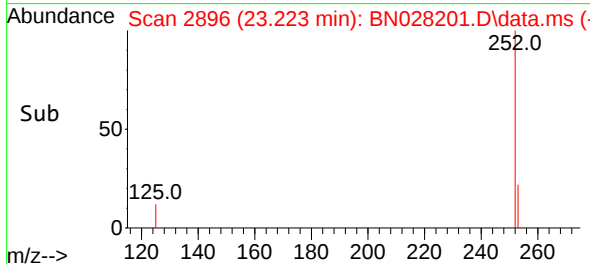
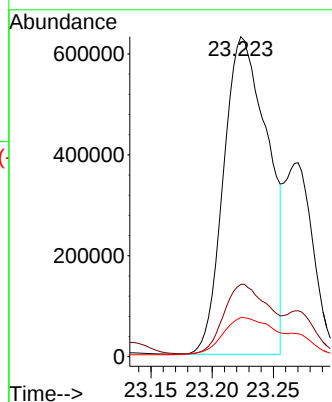
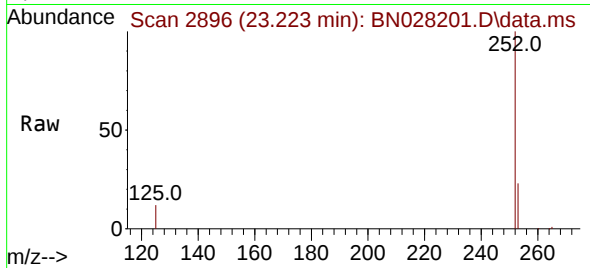
Tgt Ion:252 Resp: 158480
Ion Ratio Lower Upper
252 100
253 22.6 22.9 34.3
125 12.2 13.8 20.8

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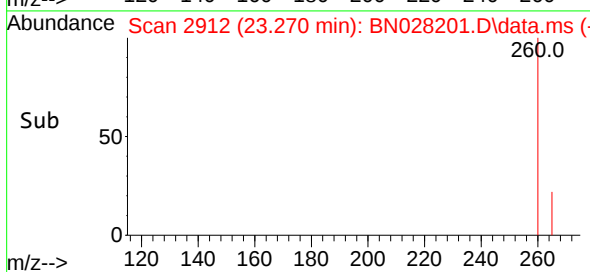
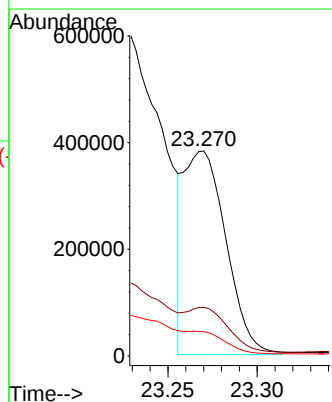
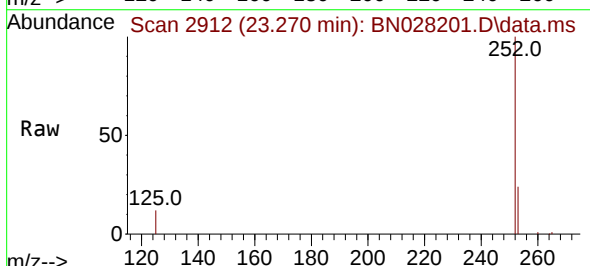
Reviewed By :Yogesh Patel 10/11/2023

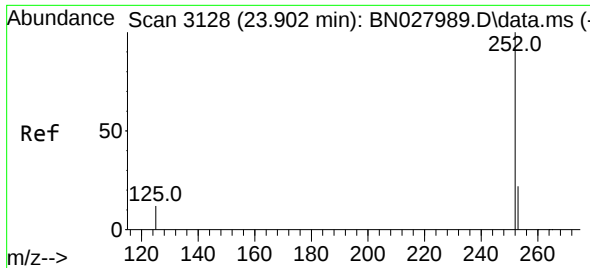
Supervised By :mohammad ahmed 10/12/2023



#38
Benzo(k)fluoranthene
Concen: 10.681 ng m
RT: 23.270 min Scan# 2912
Delta R.T. 0.008 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

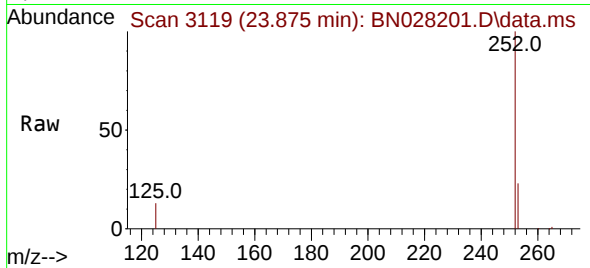
Tgt Ion:252 Resp: 626539
Ion Ratio Lower Upper
252 100
253 23.7 23.1 34.7
125 11.9 13.8 20.8





#39
Benzo(a)pyrene
Concen: 26.524 ng m
RT: 23.875 min Scan# 3128
Delta R.T. 0.011 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

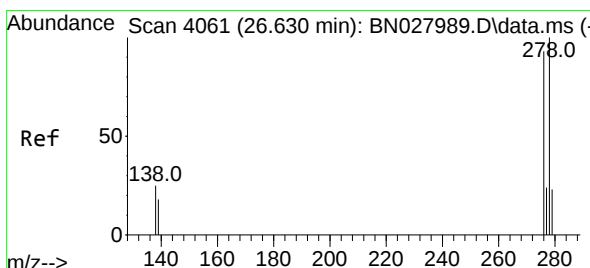
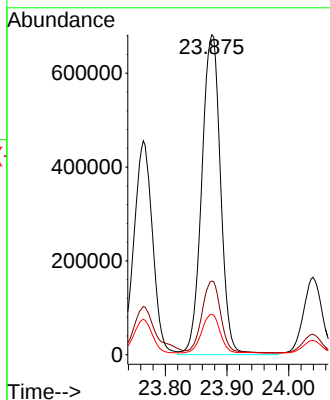
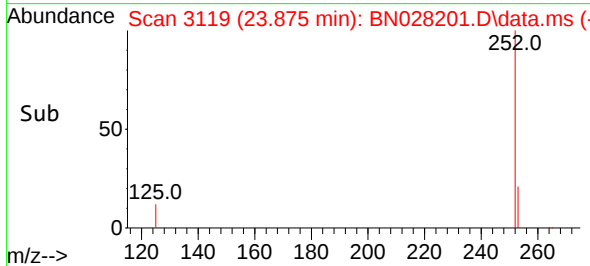
Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS



Tgt Ion:252 Resp: 1450498
Ion Ratio Lower Upper
252 100
253 23.0 25.0 37.4
125 12.6 16.6 24.8

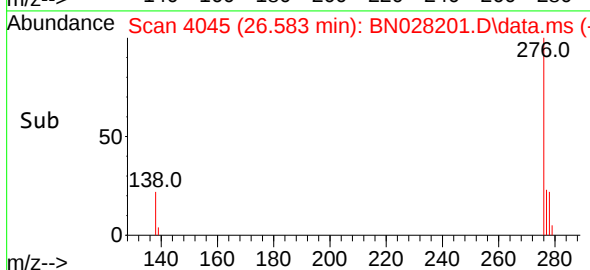
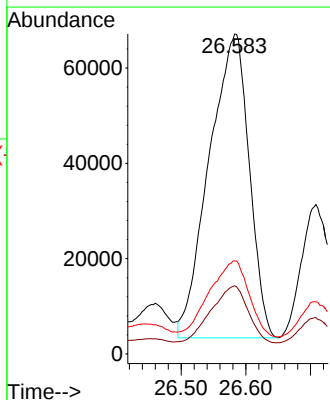
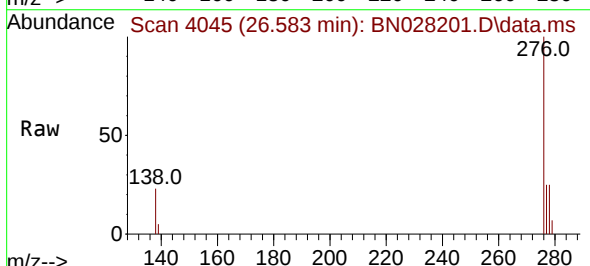
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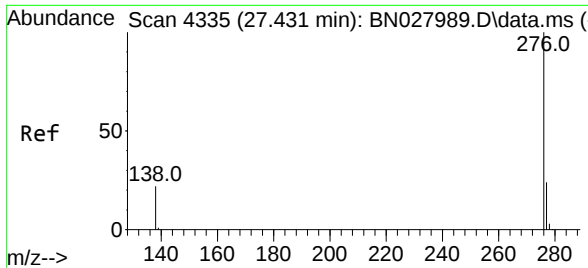
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#40
Dibenzo(a,h)anthracene
Concen: 5.559 ng
RT: 26.583 min Scan# 4045
Delta R.T. 0.005 min
Lab File: BN028201.D
Acq: 10 Oct 2023 17:27

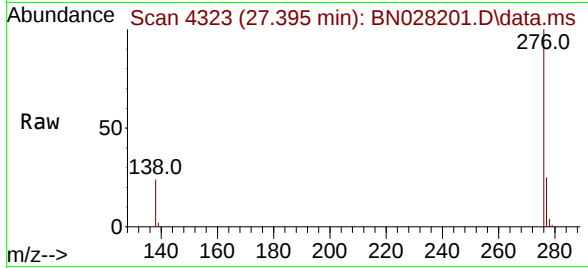
Tgt Ion:278 Resp: 273926
Ion Ratio Lower Upper
278 100
139 21.3 17.7 26.5
279 29.1 25.2 37.8





#41
 Benzo(g,h,i)perylene
 Concen: 18.601 ng
 RT: 27.395 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BN028201.D
 Acq: 10 Oct 2023 17:27

Instrument :
 BNA_N
 ClientSampleId :
 W-2(0-2IN)MS



Tgt Ion:276 Resp: 940759
 Ion Ratio Lower Upper
 276 100
 277 24.6 22.1 33.1
 138 23.9 20.8 31.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

