

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
 Data File : BN031463.D
 Acq On : 10 May 2024 15:01
 Operator : MA/JU
 Sample : P2315-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TEST-1-T9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 10 15:33:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	16112	0.400	ng	0.00
7) Naphthalene-d8	10.496	136	52925	0.400	ng	# 0.00
13) Acenaphthene-d10	14.338	164	31278	0.400	ng	-0.01
19) Phenanthrene-d10	17.091	188	71485	0.400	ng	# 0.00
29) Chrysene-d12	21.274	240	61309	0.400	ng	0.00
35) Perylene-d12	23.516	264	60177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	5523	0.121	ng	0.00
5) Phenol-d6	6.873	99	4803	0.078	ng	0.00
8) Nitrobenzene-d5	8.851	82	10723	0.282	ng	-0.01
11) 2-Methylnaphthalene-d10	12.088	152	22686	0.266	ng	0.00
14) 2,4,6-Tribromophenol	15.837	330	3698	0.312	ng	0.00
15) 2-Fluorobiphenyl	12.970	172	34318	0.285	ng	-0.01
27) Fluoranthene-d10	19.119	212	63610	0.321	ng	0.00
31) Terphenyl-d14	19.727	244	54681	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	13489	0.681	ng	# 91
28) Fluoranthene	19.151	202	7304	0.030	ng	# 72
30) Pyrene	19.509	202	7397	0.030	ng	98
32) Benzo(a)anthracene	21.256	228	10688m	0.045	ng	
33) Chrysene	21.309	228	11243	0.050	ng	96
34) Bis(2-ethylhexyl)phtha...	21.220	149	86181	0.622	ng	100
36) Indeno(1,2,3-cd)pyrene	25.791	276	8854	0.037	ng	96
37) Benzo(b)fluoranthene	22.844	252	12079	0.056	ng	# 9
38) Benzo(k)fluoranthene	22.890	252	11522	0.056	ng	# 1
39) Benzo(a)pyrene	23.420	252	7078	0.038	ng	# 1
40) Dibenzo(a,h)anthracene	25.808	278	6696	0.035	ng	# 59
41) Benzo(g,h,i)perylene	26.478	276	7197	0.035	ng	# 78

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

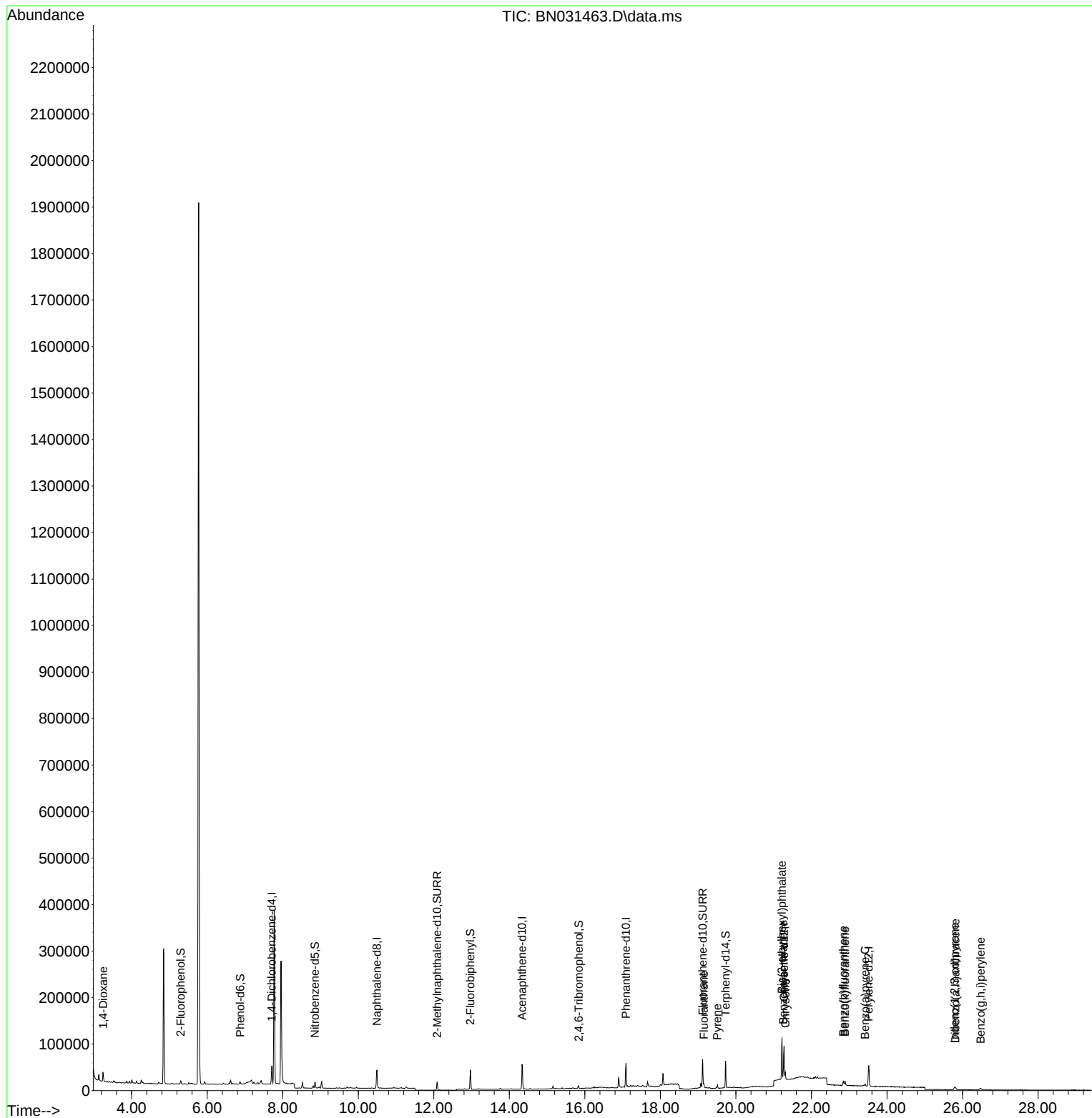
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031463.D
Acq On : 10 May 2024 15:01
Operator : MA/JU
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Quant Time: May 10 15:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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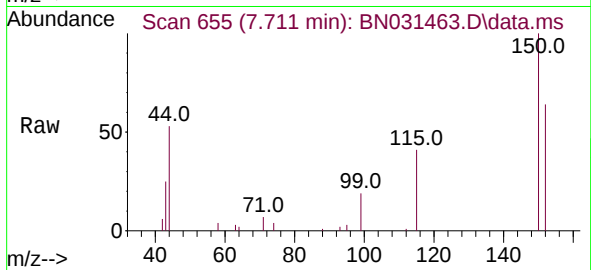
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.711 min Scan# 656
Delta R.T. -0.007 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :

BNA_N

ClientSampleId :

TEST-1-T9



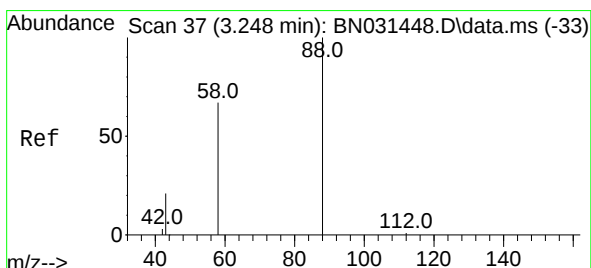
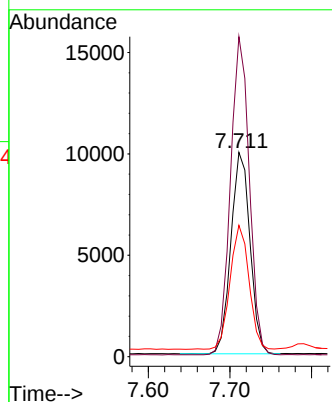
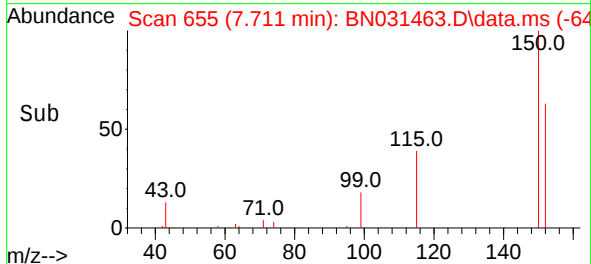
Tgt Ion:152 Resp: 1611
Ion Ratio Lower Upper
152 100
150 156.6 119.3 178.9
115 64.3 54.8 82.2

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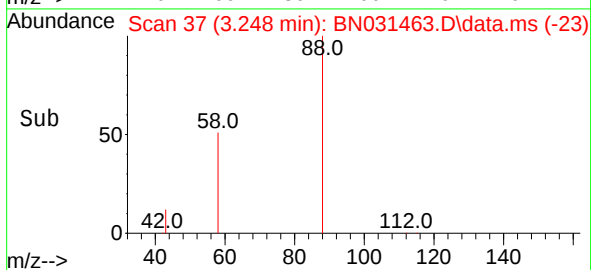
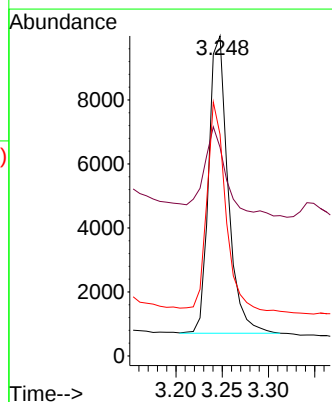
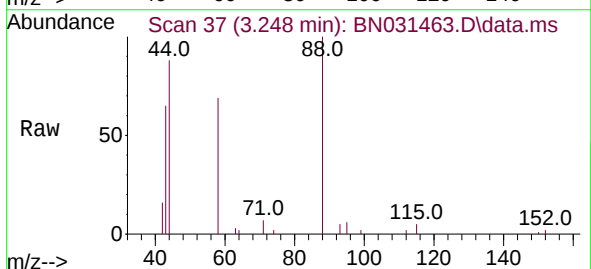
Reviewed By :Yogesh Patel 05/13/2024

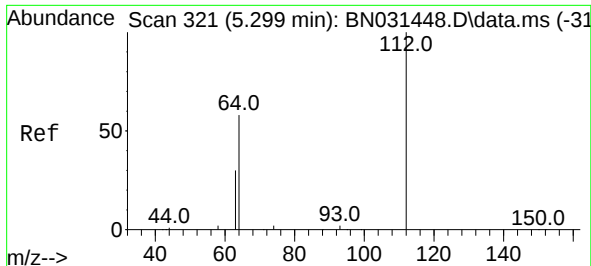
Supervised By :mohammad ahmed 05/13/2024



#2
1,4-Dioxane
Concen: 0.681 ng
RT: 3.248 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion: 88 Resp: 13489
Ion Ratio Lower Upper
88 100
43 34.0 39.0 58.6#
58 68.4 54.9 82.3





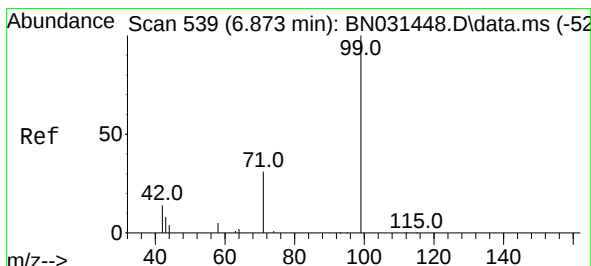
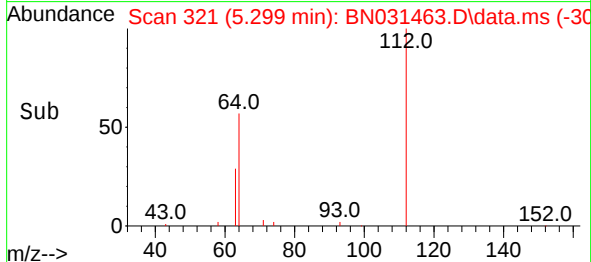
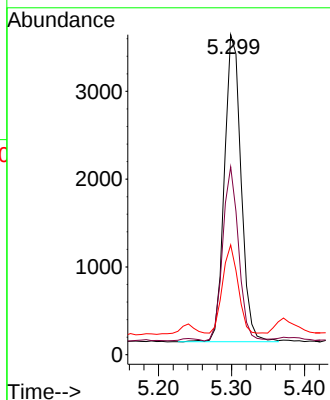
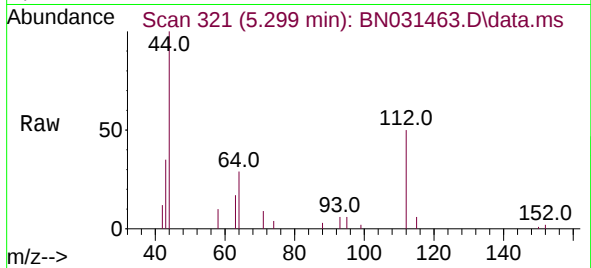
#4
2-Fluorophenol
Concen: 0.121 ng
RT: 5.299 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:112 Resp: 552
Ion Ratio Lower Upper
112 100
64 54.2 44.0 66.0
63 26.6 22.2 33.4

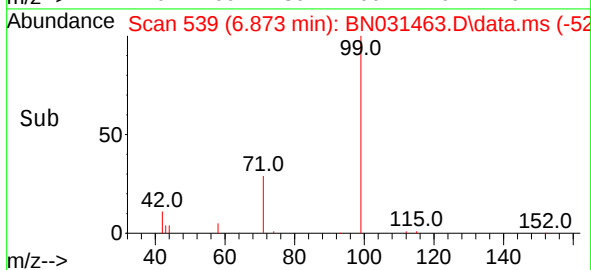
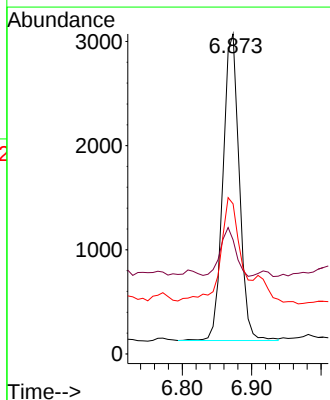
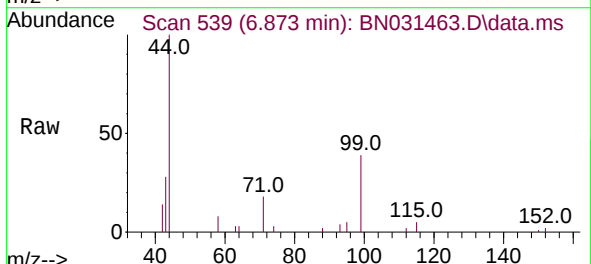
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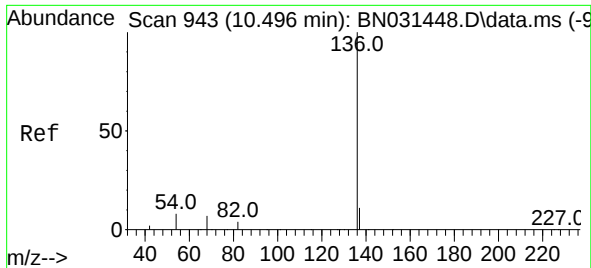
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#5
Phenol-d6
Concen: 0.078 ng
RT: 6.873 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion: 99 Resp: 4803
Ion Ratio Lower Upper
99 100
42 14.7 13.5 20.3
71 40.1 26.1 39.1#





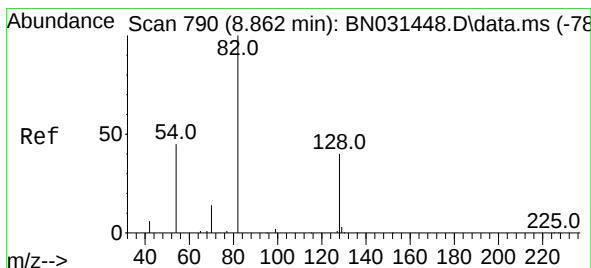
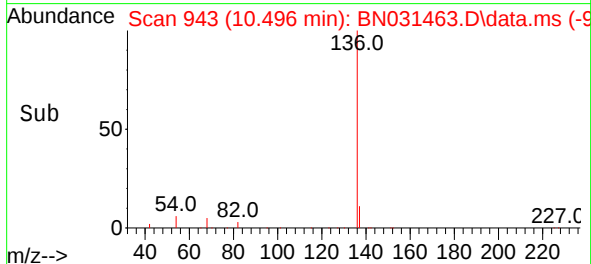
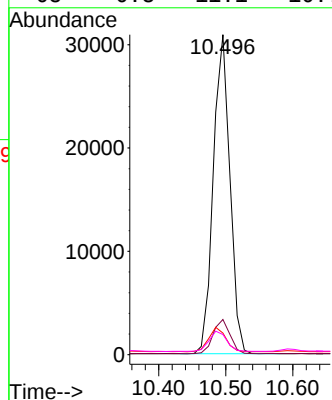
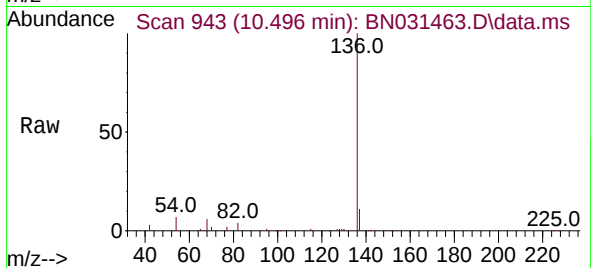
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.496 min Scan# 943
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
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ClientSampleId :
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Tgt Ion:136 Resp: 52924
Ion Ratio Lower Upper
136 100
137 11.0 10.1 15.1
54 6.7 10.5 15.7
68 6.3 11.1 16.7#

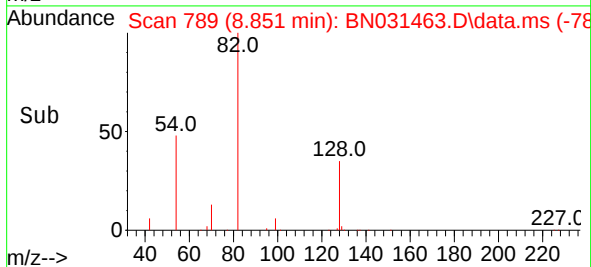
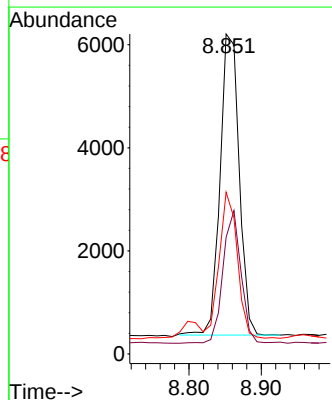
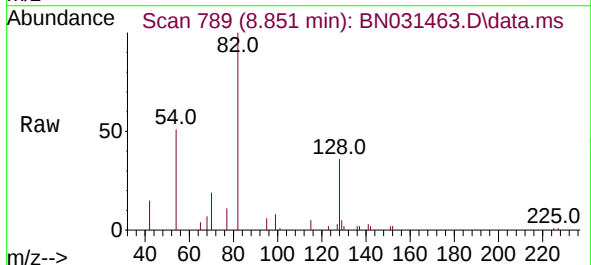
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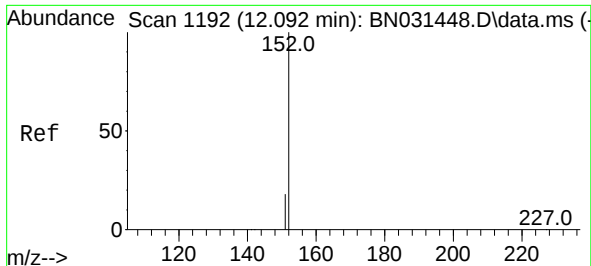
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#8
Nitrobenzene-d5
Concen: 0.282 ng
RT: 8.851 min Scan# 789
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

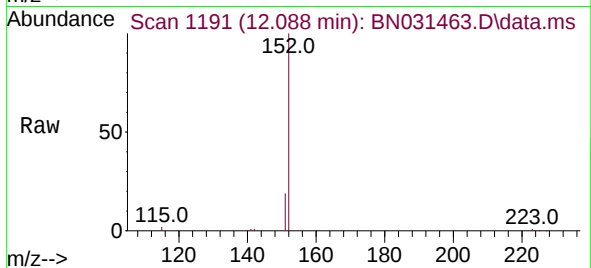
Tgt Ion: 82 Resp: 10723
Ion Ratio Lower Upper
82 100
128 36.5 29.0 43.6
54 50.6 37.2 55.8





#11
2-Methylnaphthalene-d10
Concen: 0.266 ng
RT: 12.088 min Scan# 1191
Delta R.T. -0.004 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

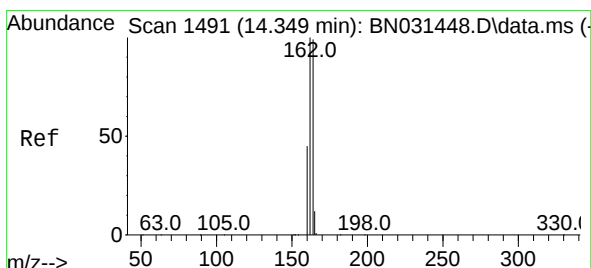
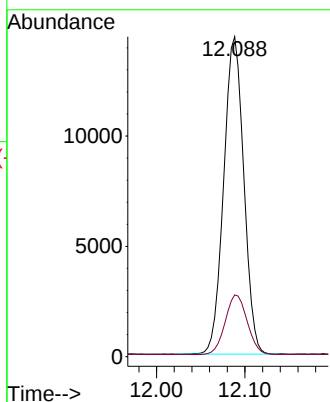
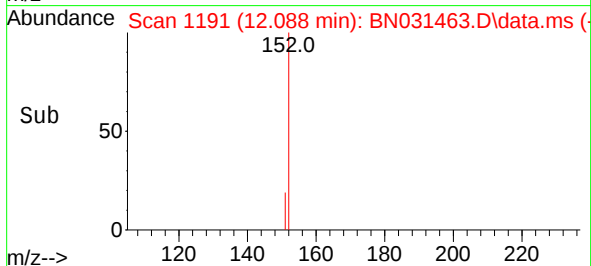
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



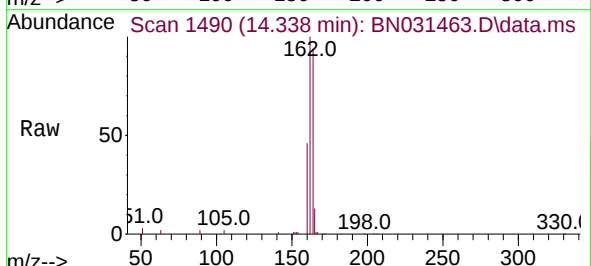
Tgt Ion:152 Resp: 22680
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0

Manual Integrations
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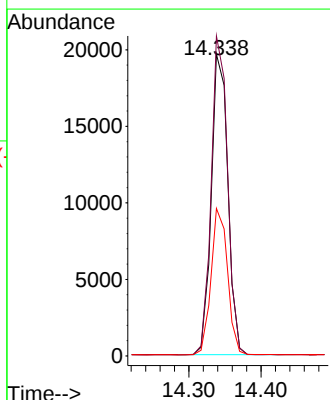
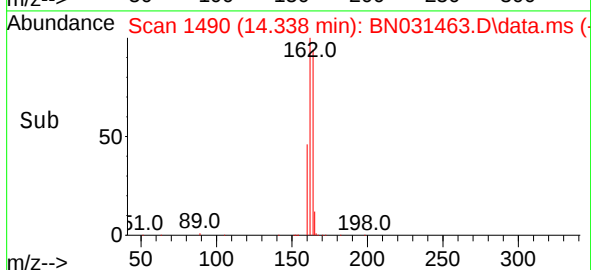
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

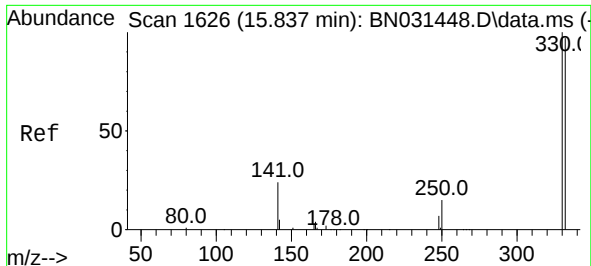


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.338 min Scan# 1490
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01



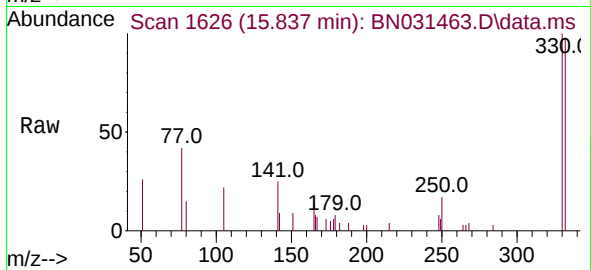
Tgt Ion:164 Resp: 31278
Ion Ratio Lower Upper
164 100
162 106.0 81.2 121.8
160 48.9 37.0 55.6





#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 15.837 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

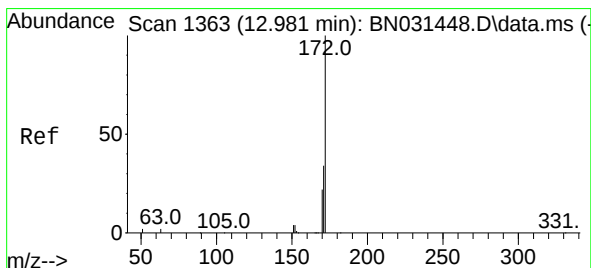
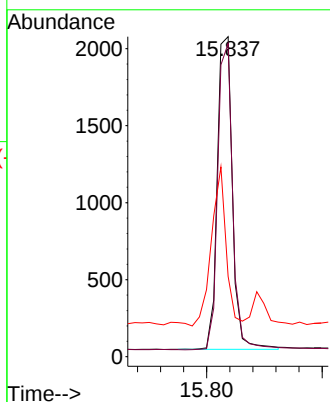
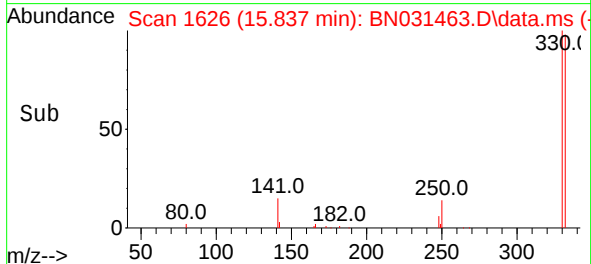
Instrument :
BNA_N
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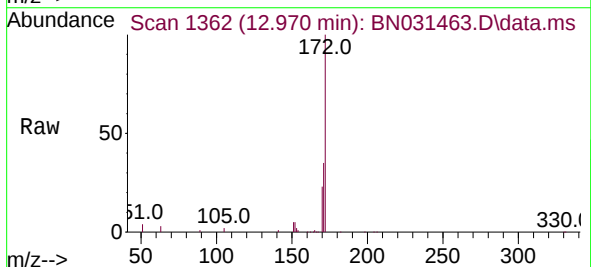
Tgt Ion:330 Resp: 3698
Ion Ratio Lower Upper
330 100
332 96.5 76.6 114.8
141 49.3 37.0 55.4

Manual Integrations
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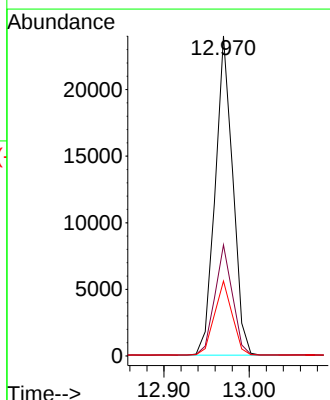
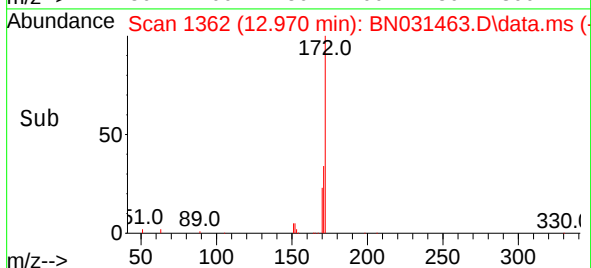
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

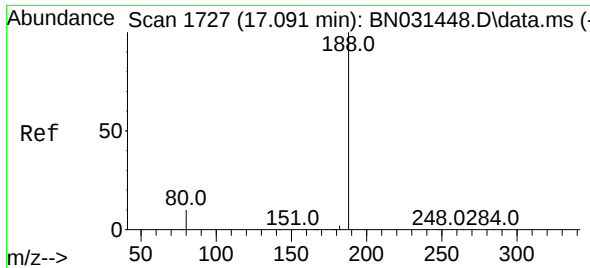


#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.970 min Scan# 1362
Delta R.T. -0.011 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01



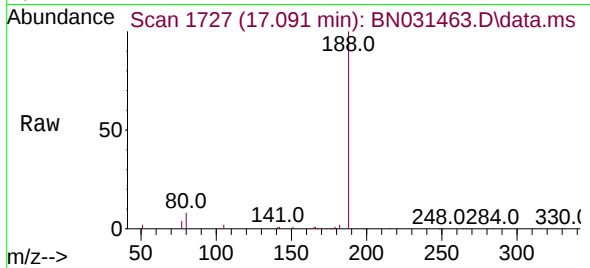
Tgt Ion:172 Resp: 34318
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.4 18.3 27.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1727
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

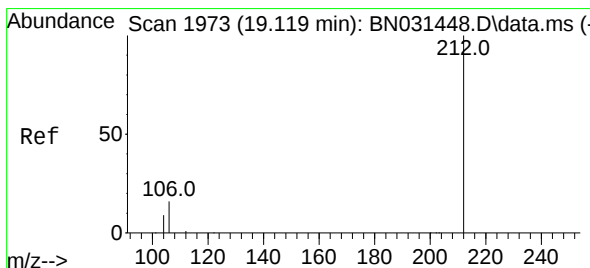
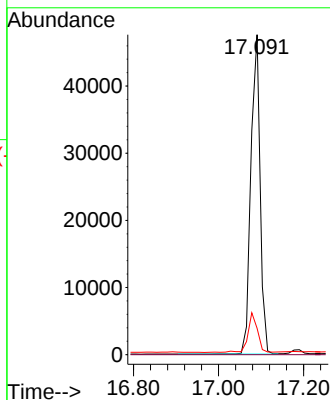
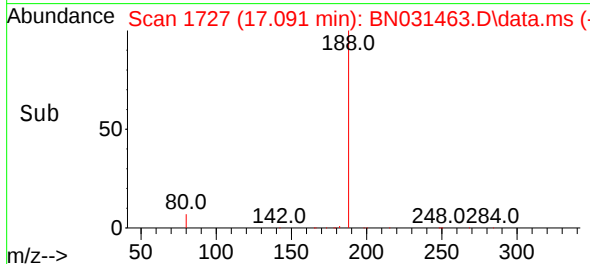
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



Tgt Ion:188 Resp: 71489
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 9.6 14.4

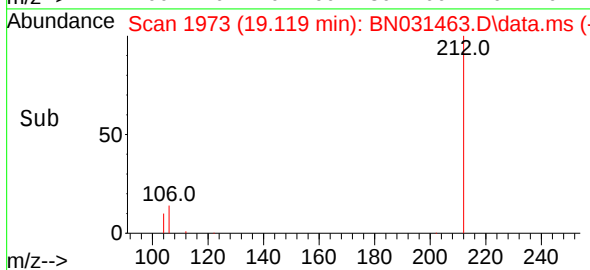
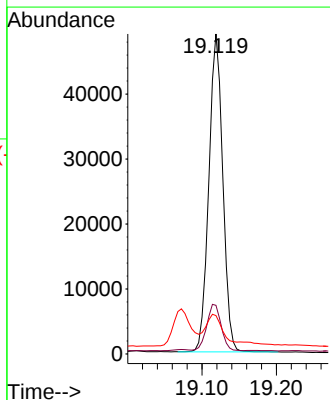
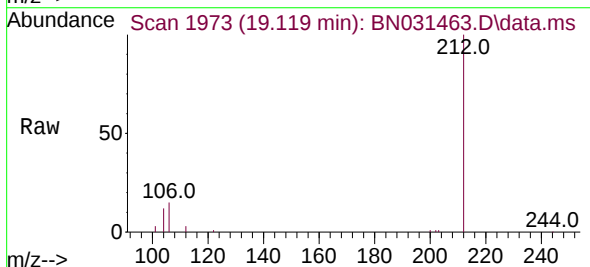
Manual Integrations
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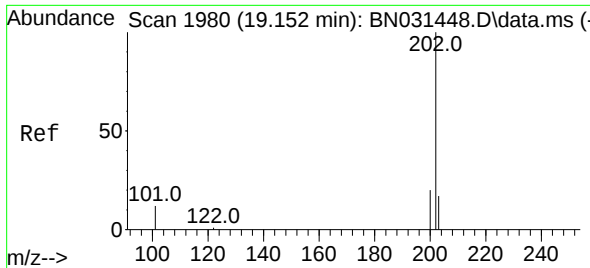
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#27
Fluoranthene-d10
Concen: 0.321 ng
RT: 19.119 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

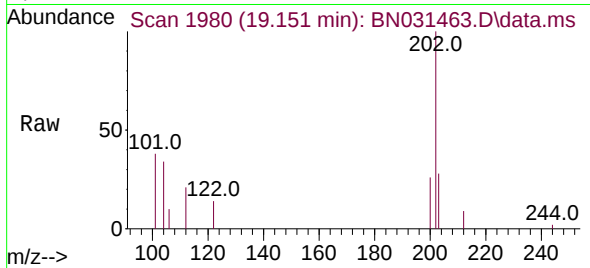
Tgt Ion:212 Resp: 63610
Ion Ratio Lower Upper
212 100
106 14.9 12.0 18.0
104 13.0 6.9 10.3





#28
Fluoranthene
Concen: 0.030 ng
RT: 19.151 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

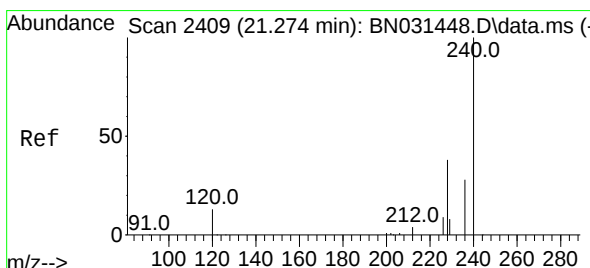
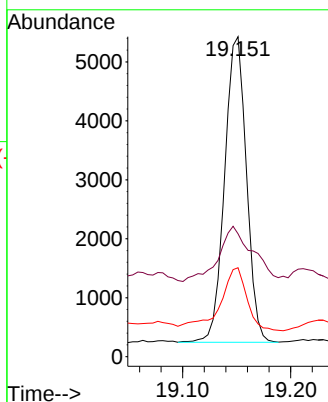
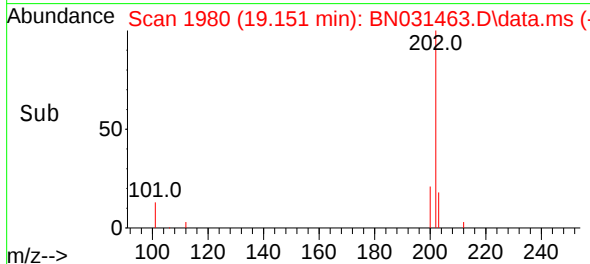
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



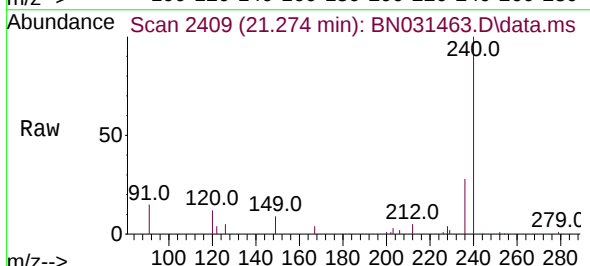
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Ion Ratio Lower Upper
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101 27.8 9.8 14.6
203 25.7 13.8 20.8

Manual Integrations
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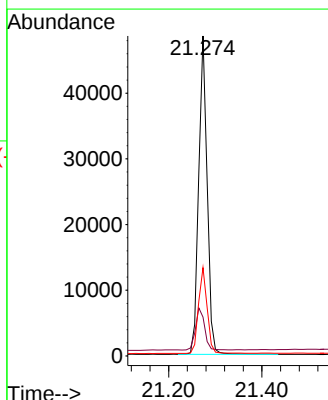
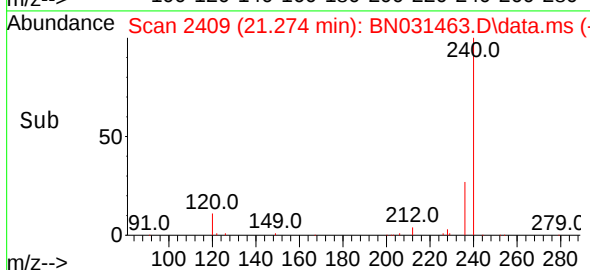
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

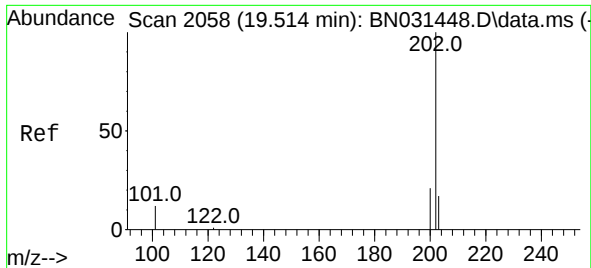


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.274 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01



Tgt Ion:240 Resp: 61309
Ion Ratio Lower Upper
240 100
120 12.2 11.4 17.2
236 27.6 22.2 33.4





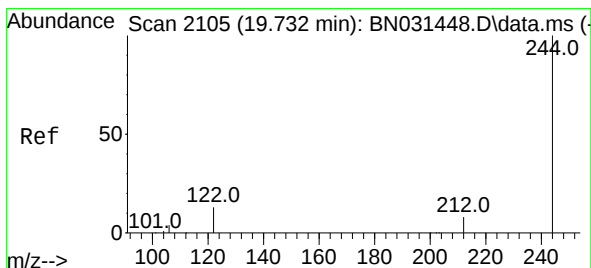
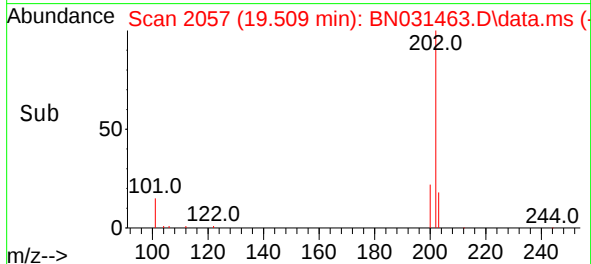
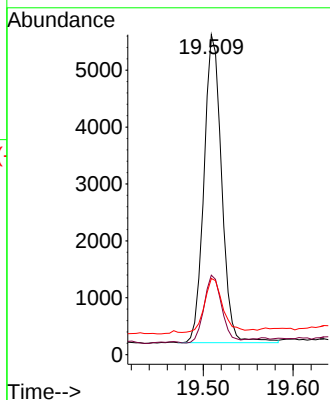
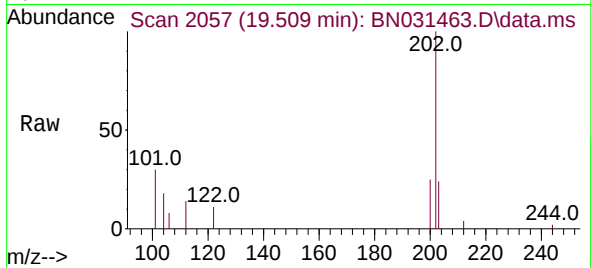
#30
Pyrene
Concen: 0.030 ng
RT: 19.509 min Scan# 2057
Delta R.T. -0.005 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Instrument :
BNA_N
ClientSampleId :
TEST-1-T9

Tgt Ion:202 Resp: 739
Ion Ratio Lower Upper
202 100
200 22.1 16.6 25.0
203 18.3 14.3 21.5

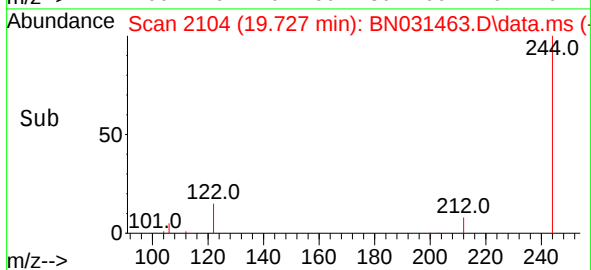
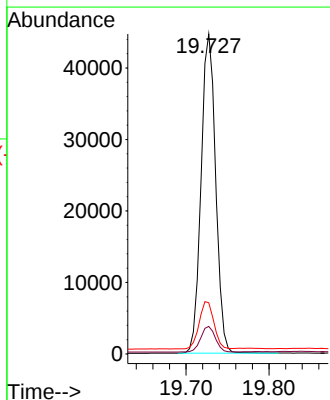
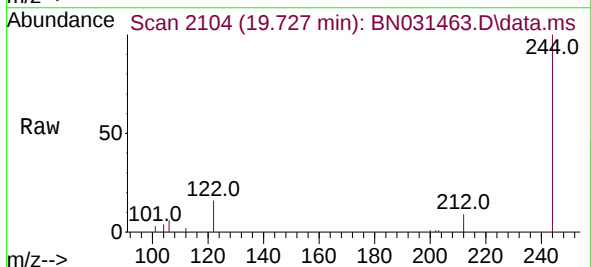
Manual Integrations
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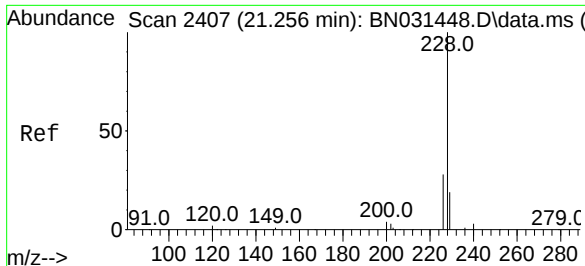
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.727 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

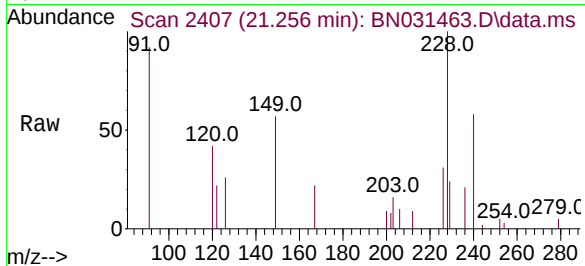
Tgt Ion:244 Resp: 54681
Ion Ratio Lower Upper
244 100
212 8.6 6.5 9.7
122 16.0 11.4 17.2





#32
Benzo(a)anthracene
Concen: 0.045 ng m
RT: 21.256 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

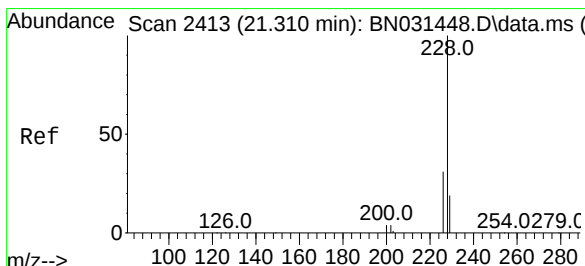
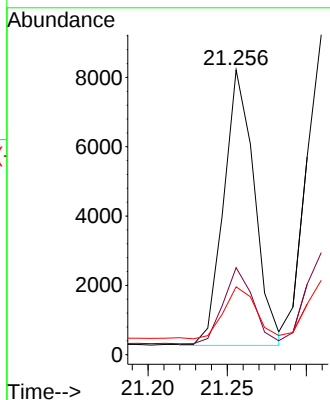
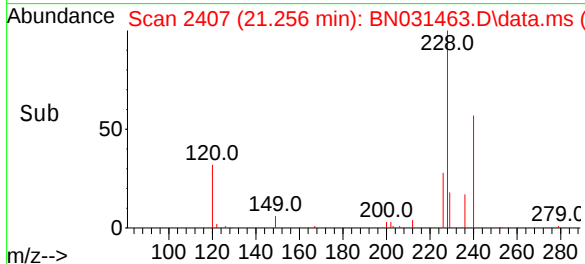
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



Tgt Ion:228 Resp: 1068
Ion Ratio Lower Upper
228 100
226 30.5 22.4 33.6
229 23.8 15.5 23.3

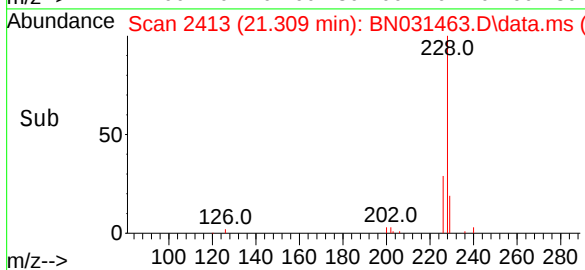
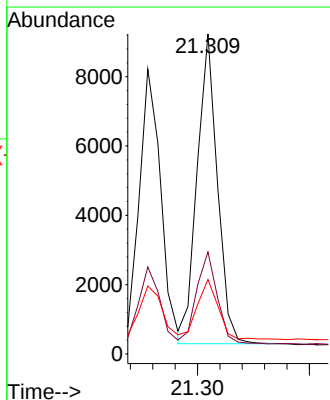
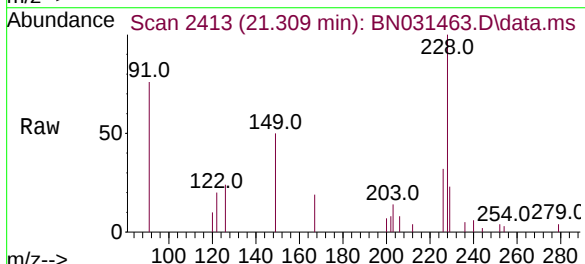
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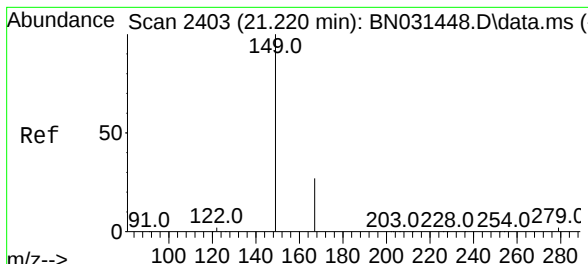
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#33
Chrysene
Concen: 0.050 ng
RT: 21.309 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

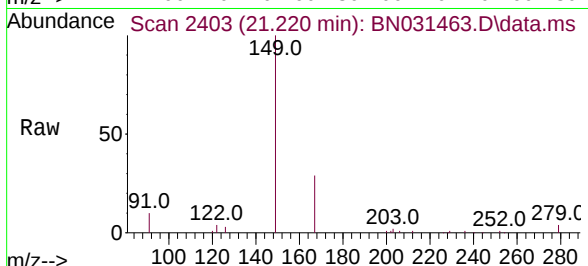
Tgt Ion:228 Resp: 11243
Ion Ratio Lower Upper
228 100
226 31.9 24.5 36.7
229 23.2 15.8 23.8





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.622 ng
 RT: 21.220 min Scan# 2403
 Delta R.T. -0.000 min
 Lab File: BN031463.D
 Acq: 10 May 2024 15:01

Instrument : BNA_N
 ClientSampleId : TEST-1-T9

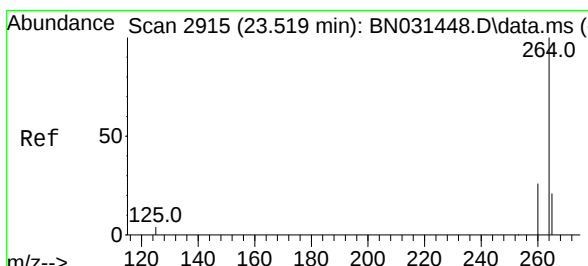
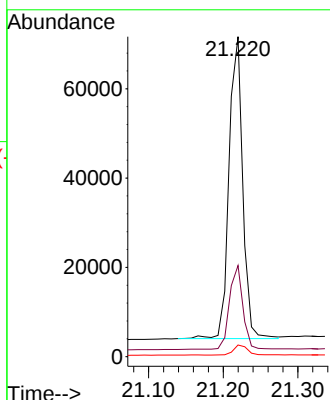
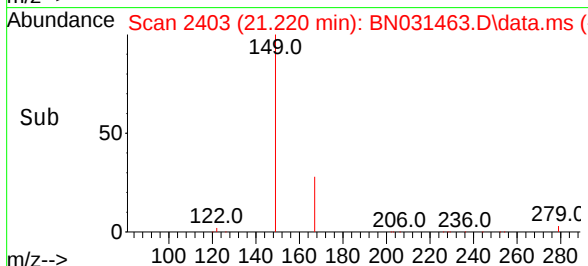


Tgt Ion: 149 Resp: 8618

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.1	33.1
279	3.5	2.7	4.1

Manual Integrations
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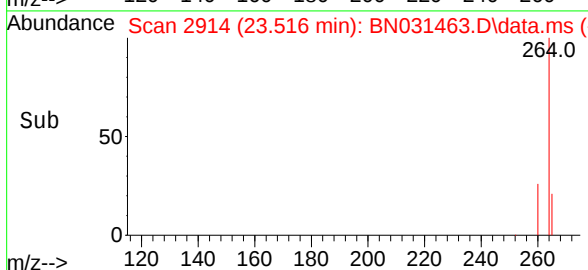
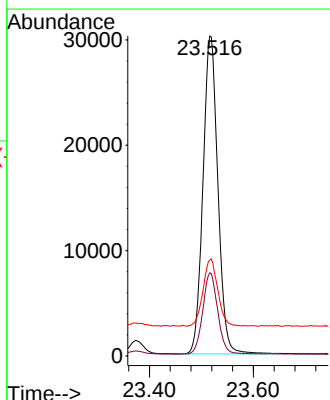
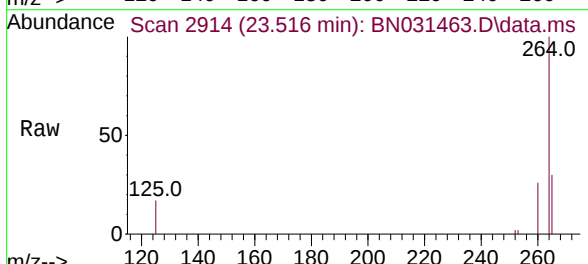
Reviewed By : Yogesh Patel 05/13/2024
 Supervised By : mohammad ahmed 05/13/2024

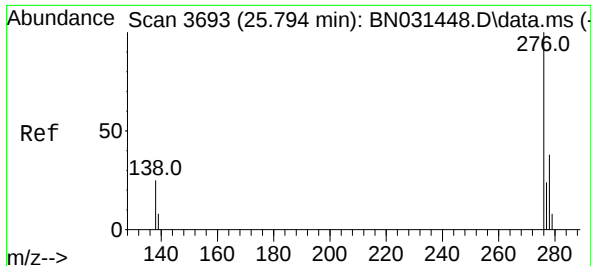


#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 2914
 Delta R.T. -0.003 min
 Lab File: BN031463.D
 Acq: 10 May 2024 15:01

Tgt Ion: 264 Resp: 60177

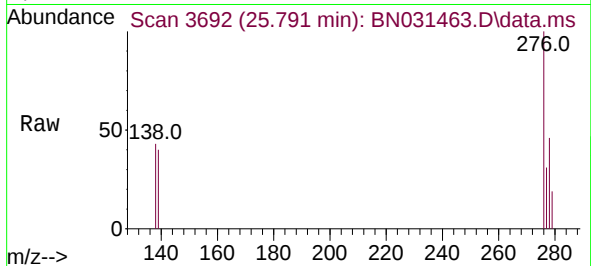
Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	30.0	24.0	36.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng
RT: 25.791 min Scan# 3693
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

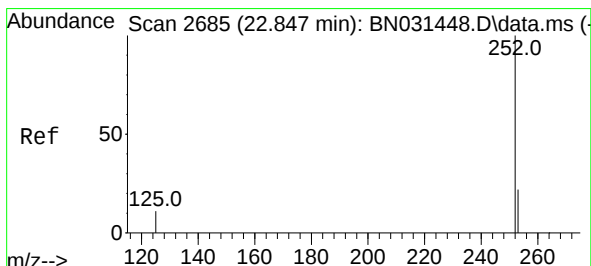
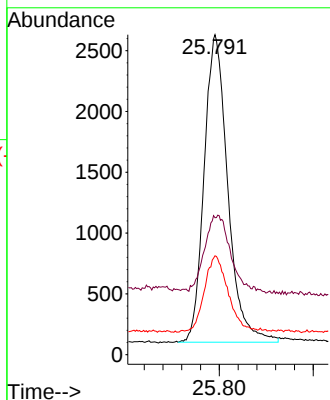
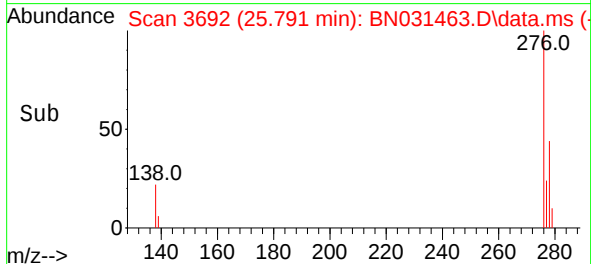
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



Tgt Ion:276 Resp: 8854
Ion Ratio Lower Upper
276 100
138 26.2 23.0 34.6
277 23.8 19.9 29.9

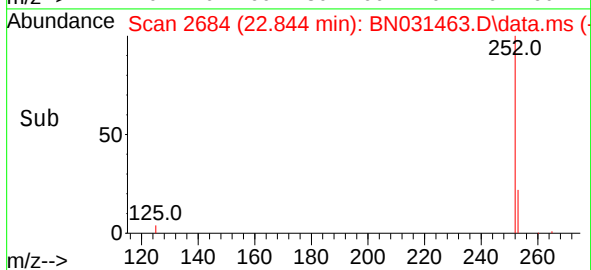
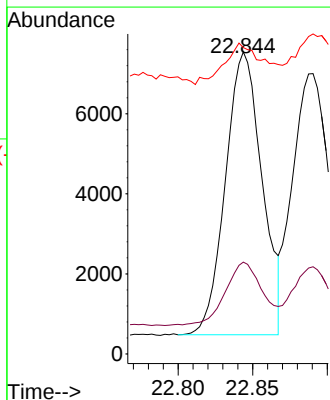
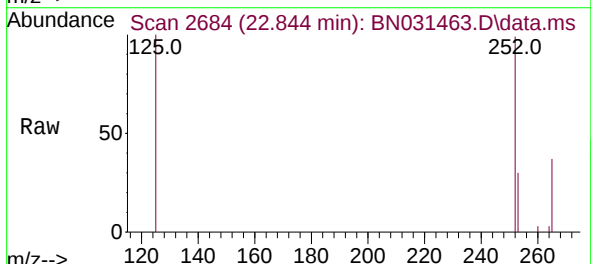
Manual Integrations
APPROVED

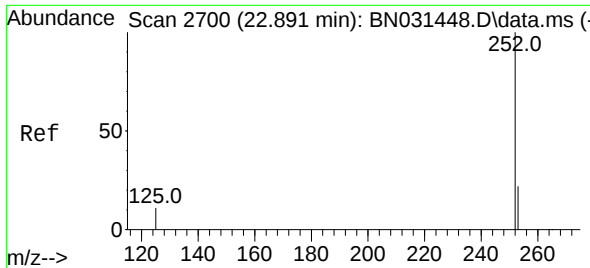
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#37
Benzo(b)fluoranthene
Concen: 0.056 ng
RT: 22.844 min Scan# 2684
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

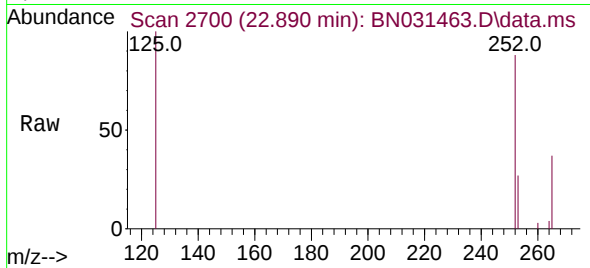
Tgt Ion:252 Resp: 12079
Ion Ratio Lower Upper
252 100
253 30.4 18.2 27.4#
125 101.4 10.5 15.7#





#38
Benzo(k)fluoranthene
Concen: 0.056 ng
RT: 22.890 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

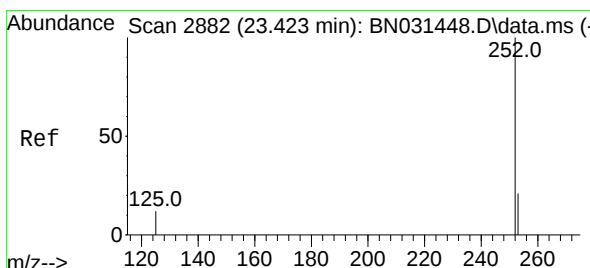
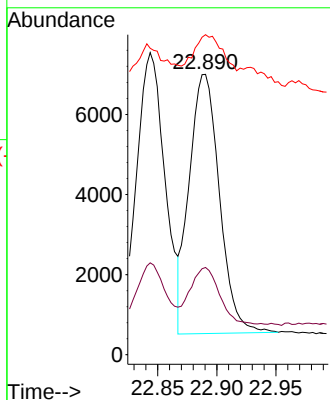
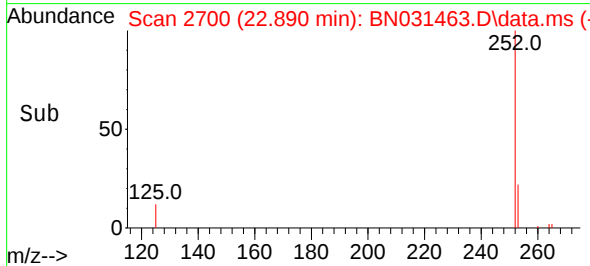
Instrument :
BNA_N
ClientSampleId :
TEST-1-T9



Tgt Ion:252 Resp: 1152
Ion Ratio Lower Upper
252 100
253 31.1 18.2 27.2#
125 114.2 11.0 16.6#

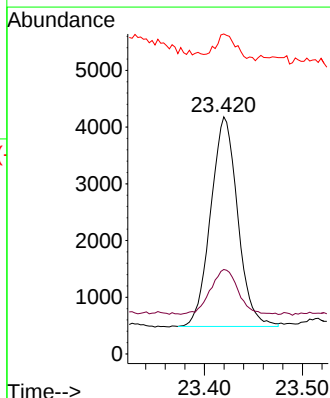
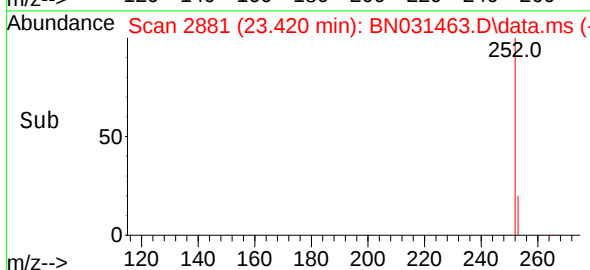
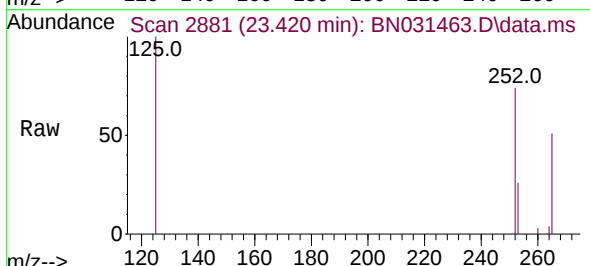
Manual Integrations
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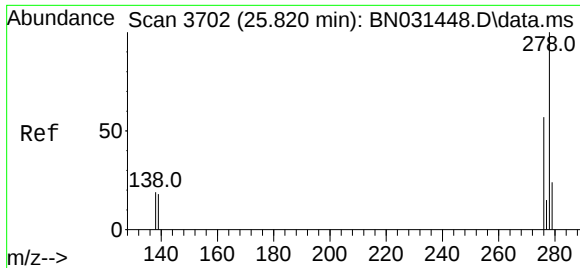
Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024



#39
Benzo(a)pyrene
Concen: 0.038 ng
RT: 23.420 min Scan# 2881
Delta R.T. -0.003 min
Lab File: BN031463.D
Acq: 10 May 2024 15:01

Tgt Ion:252 Resp: 7078
Ion Ratio Lower Upper
252 100
253 35.6 18.2 27.2#
125 134.9 11.9 17.9#





#40

Dibenzo(a,h)anthracene

Concen: 0.035 ng

RT: 25.808 min Scan# 30

Delta R.T. -0.012 min

Lab File: BN031463.D

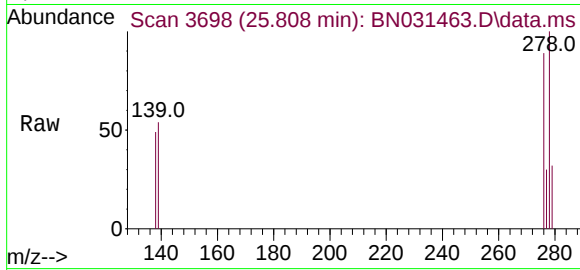
Acq: 10 May 2024 15:01

Instrument :

BNA_N

ClientSampleId :

TEST-1-T9



Tgt Ion:278 Resp: 6690

Ion Ratio Lower Upper

278 100

139 54.0 15.9 23.9#

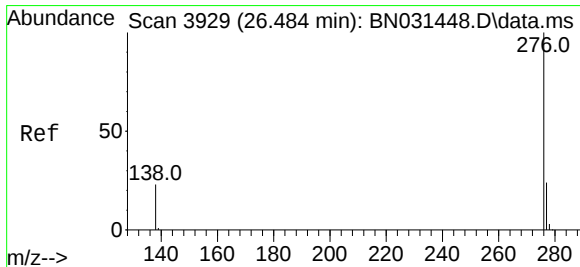
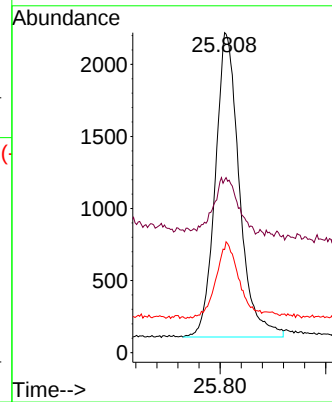
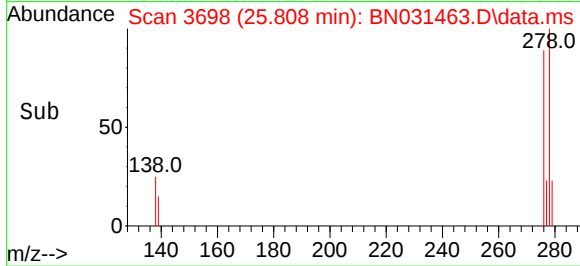
279 32.3 19.8 29.8#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :mohammad ahmed 05/13/2024



#41

Benzo(g,h,i)perylene

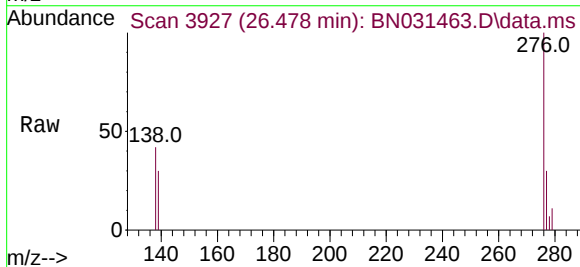
Concen: 0.035 ng

RT: 26.478 min Scan# 3927

Delta R.T. -0.006 min

Lab File: BN031463.D

Acq: 10 May 2024 15:01



Tgt Ion:276 Resp: 7197

Ion Ratio Lower Upper

276 100

277 29.8 19.4 29.0#

138 41.7 20.4 30.6#

