

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022187.D
 Acq On : 18 Oct 2022 21:08
 Operator : CG/JU
 Sample : PB148223BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:10:36 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 02:07:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	4452	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	14910	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	8667	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	17492	0.400	ng	#-0.01
29) Chrysene-d12	21.582	240	11332	0.400	ng	0.00
35) Perylene-d12	24.046	264	8743	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.479	112	4861	0.471	ng	0.00
5) Phenol-d6	7.112	99	6374	0.476	ng	0.00
8) Nitrobenzene-d5	9.129	82	4991	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.376	152	10566	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	1292	0.391	ng	0.00
15) 2-Fluorobiphenyl	13.242	172	14716	0.389	ng	-0.01
27) Fluoranthene-d10	19.416	212	17113	0.368	ng	0.00
31) Terphenyl-d14	20.015	244	10141	0.445	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.291	88	2144	0.372	ng	98
3) n-Nitrosodimethylamine	3.638	42	2432	0.388	ng	# 98
6) bis(2-Chloroethyl)ether	7.372	93	5756	0.407	ng	97
9) Naphthalene	10.827	128	17987	0.399	ng	100
10) Hexachlorobutadiene	11.115	225	2943	0.377	ng	# 100
12) 2-Methylnaphthalene	12.085	142	3549	0.532	ng	# 90
16) Acenaphthylene	14.343	152	16234	0.394	ng	100
17) Acenaphthene	14.685	154	11311	0.390	ng	99
18) Fluorene	15.669	166	15535	0.444	ng	99
20) 4,6-Dinitro-2-methylph...	15.761	198	346	0.293	ng	89
21) 4-Bromophenyl-phenylether	16.568	248	4044	0.380	ng	# 90
22) Hexachlorobenzene	16.680	284	5155	0.389	ng	100
23) Atrazine	16.841	200	3062	0.387	ng	96
24) Pentachlorophenol	17.027	266	1119	0.275	ng	98
25) Phenanthrene	17.424	178	23390	0.389	ng	100
26) Anthracene	17.511	178	18490	0.383	ng	99
28) Fluoranthene	19.445	202	23481	0.364	ng	100
30) Pyrene	19.812	202	23124	0.465	ng	100
32) Benzo(a)anthracene	21.564	228	16740	0.393	ng	99
33) Chrysene	21.618	228	18192	0.385	ng	100
34) Bis(2-ethylhexyl)phtha...	21.483	149	10653	0.521	ng	99
36) Indeno(1,2,3-cd)pyrene	26.634	276	17041	0.386	ng	99
37) Benzo(b)fluoranthene	23.286	252	16204m	0.391	ng	
38) Benzo(k)fluoranthene	23.336	252	15443	0.374	ng	98
39) Benzo(a)pyrene	23.932	252	13185	0.417	ng	# 80
40) Dibenzo(a,h)anthracene	26.654	278	13476	0.383	ng	99
41) Benzo(g,h,i)perylene	27.432	276	13419	0.353	ng	100

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

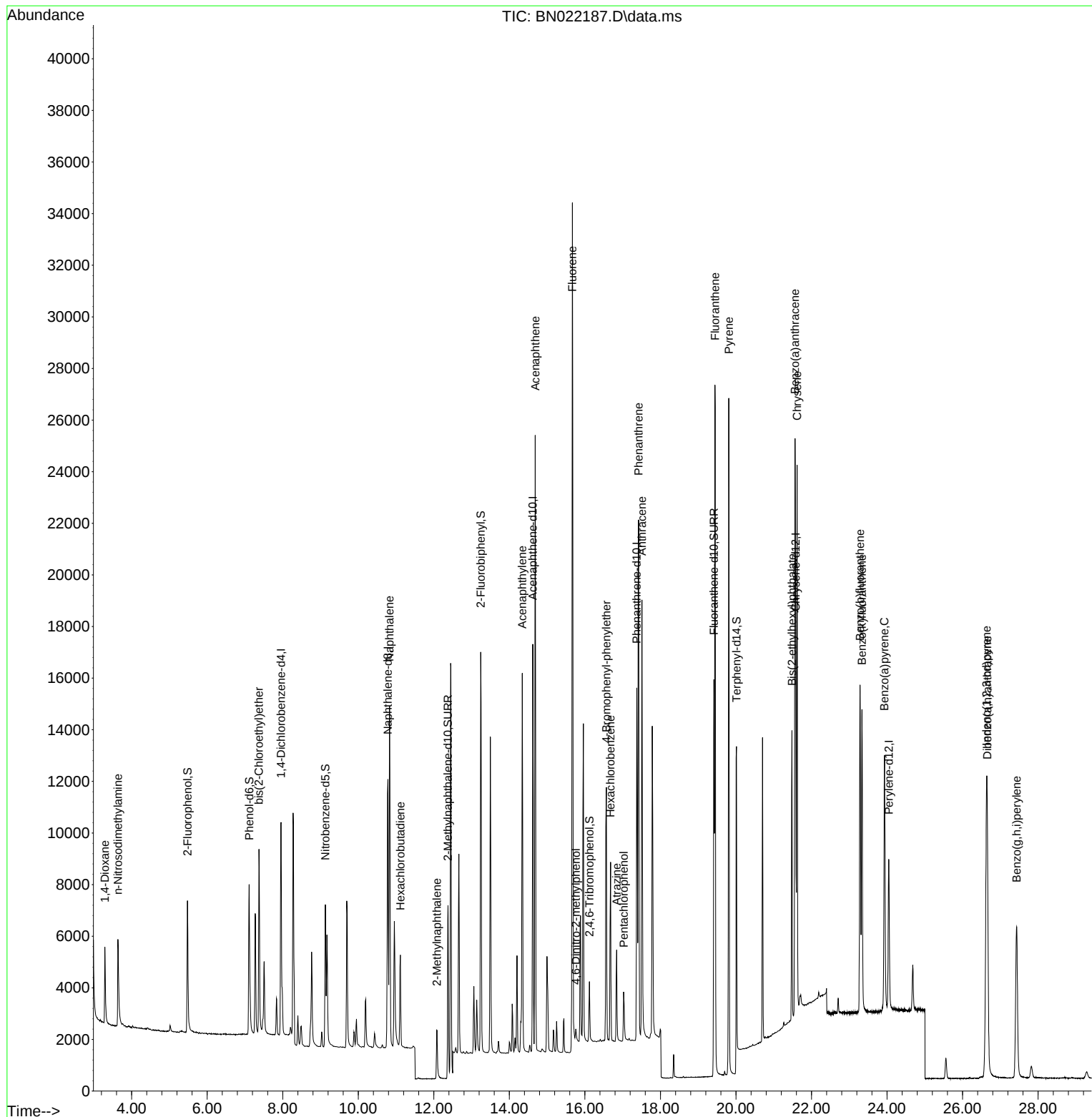
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
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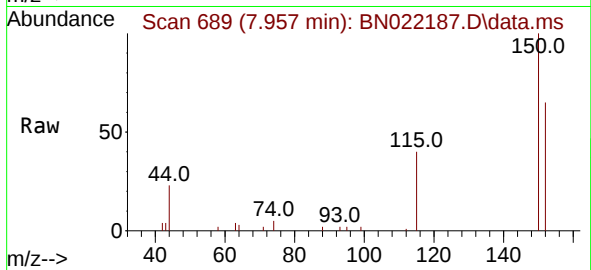
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.957 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08

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BNA_N

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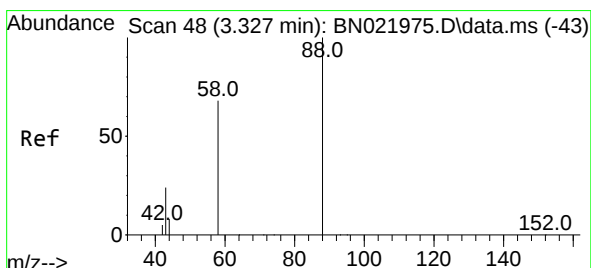
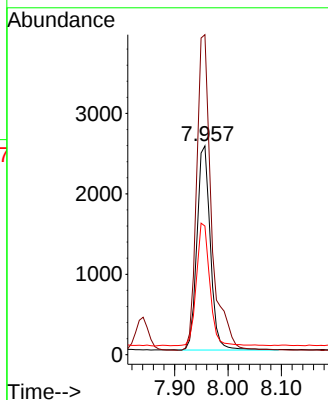
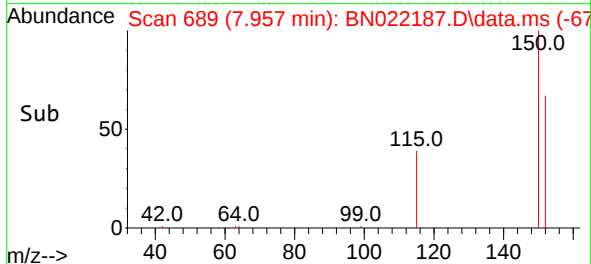


Tgt Ion: 152 Resp: 445
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.2 190.8
 115 61.6 51.4 77.0

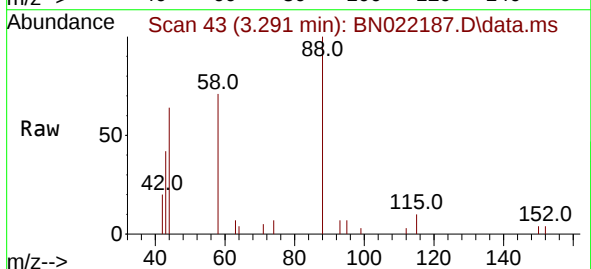
Manual Integrations

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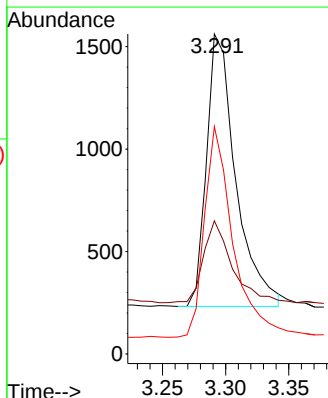
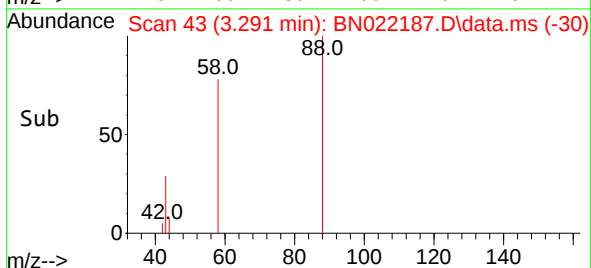
Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : mohammad ahmed 10/20/2022

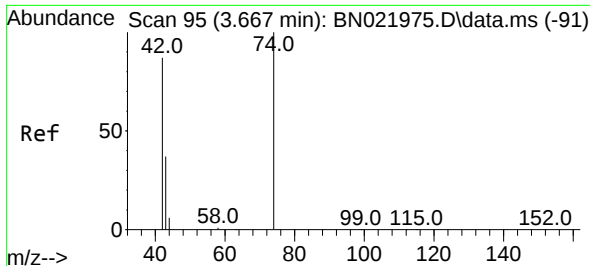


#2
 1,4-Dioxane
 Concen: 0.372 ng
 RT: 3.291 min Scan# 43
 Delta R.T. -0.007 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08



Tgt Ion: 88 Resp: 2144
 Ion Ratio Lower Upper
 88 100
 43 29.3 22.6 34.0
 58 75.3 58.6 88.0





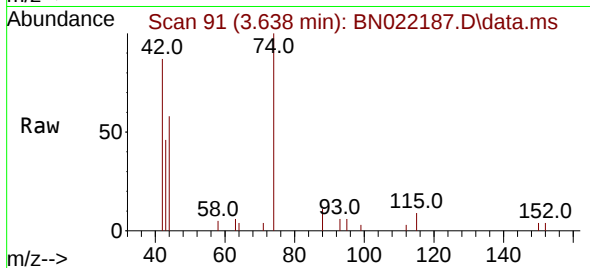
#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.638 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :

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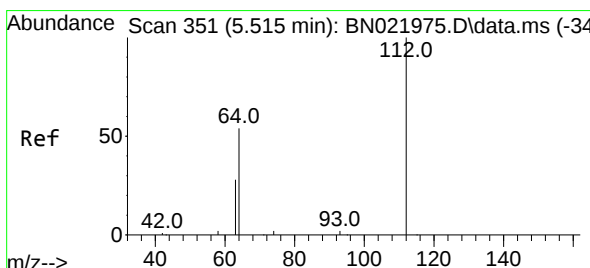
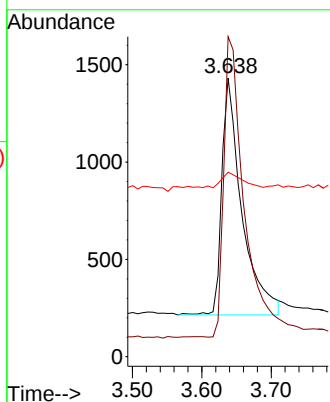
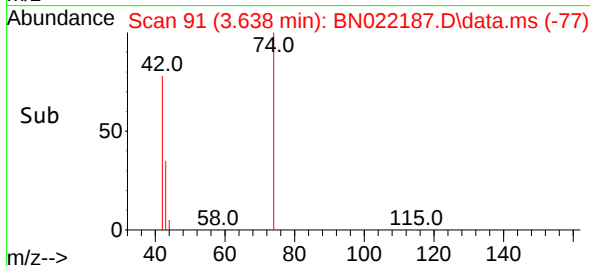
PB148223BS



Tgt Ion: 42 Resp: 243
Ion Ratio Lower Upper
42 100
74 128.5 101.6 152.4
44 7.7 10.4 15.6

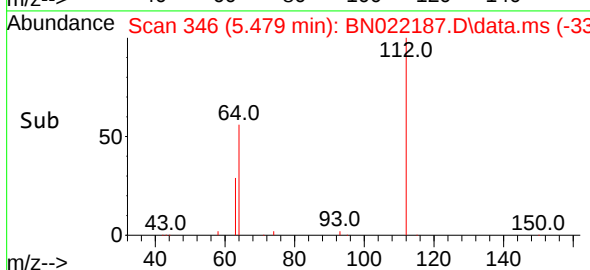
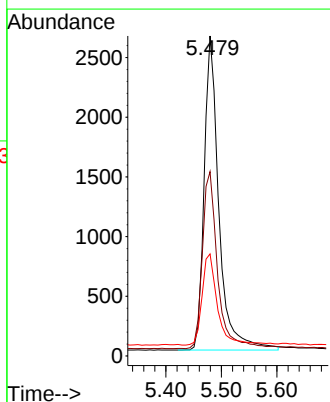
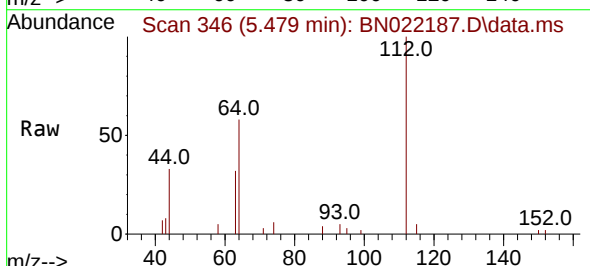
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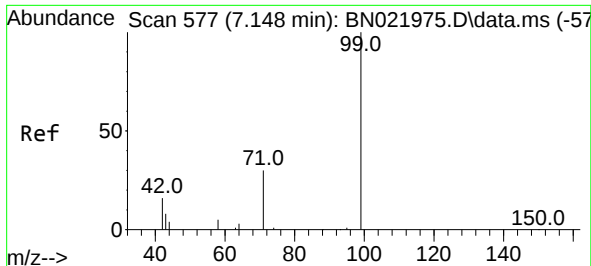
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#4
2-Fluorophenol
Concen: 0.471 ng
RT: 5.479 min Scan# 346
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

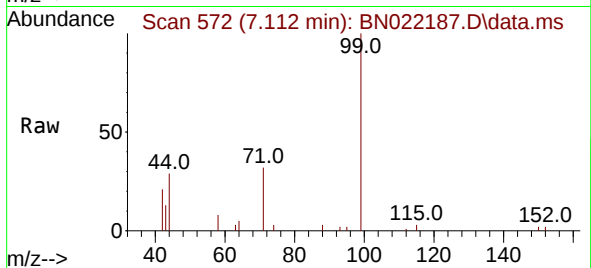
Tgt Ion:112 Resp: 4861
Ion Ratio Lower Upper
112 100
64 58.5 46.9 70.3
63 30.6 24.6 37.0





#5
Phenol-d6
Concen: 0.476 ng
RT: 7.112 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

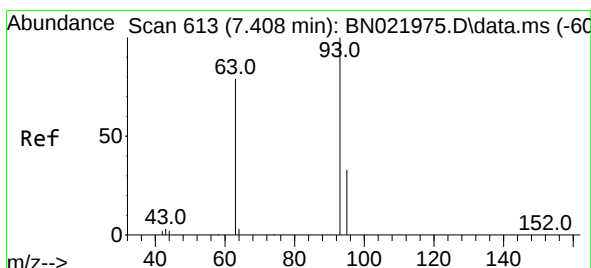
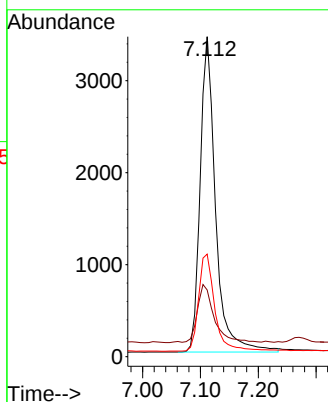
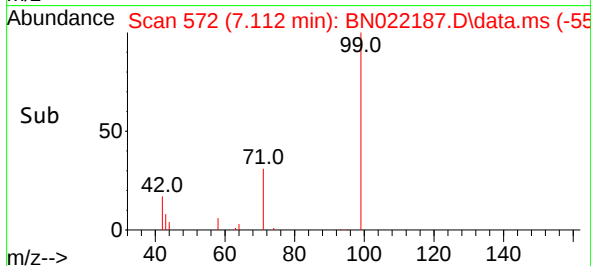
Instrument :
BNA_N
ClientSampleId :
PB148223BS



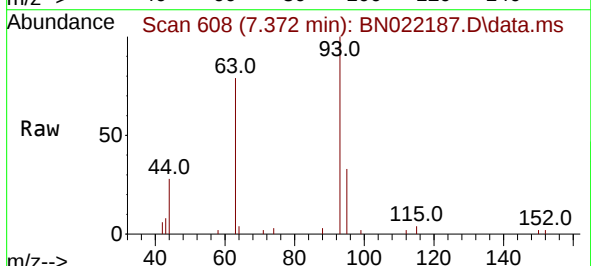
Tgt Ion: 99 Resp: 6374
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 32.6 25.6 38.4

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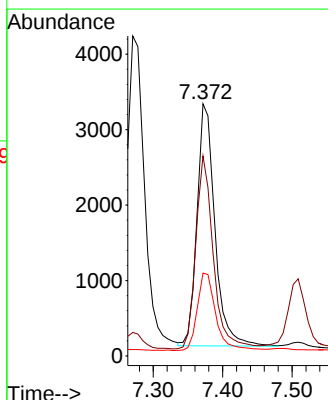
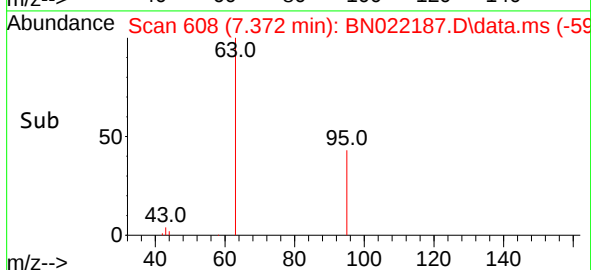
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

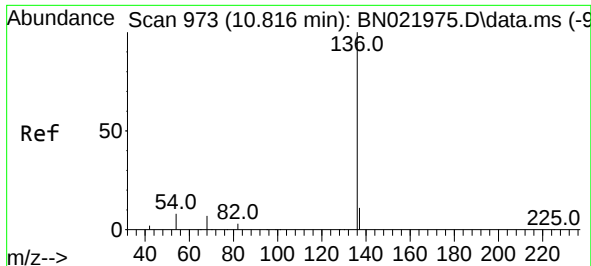


#6
bis(2-Chloroethyl)ether
Concen: 0.407 ng
RT: 7.372 min Scan# 608
Delta R.T. -0.007 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



Tgt Ion: 93 Resp: 5756
Ion Ratio Lower Upper
93 100
63 77.9 64.8 97.2
95 33.1 26.6 40.0





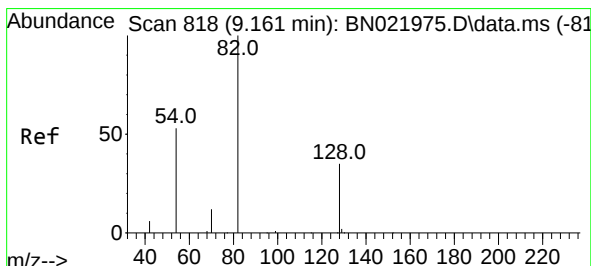
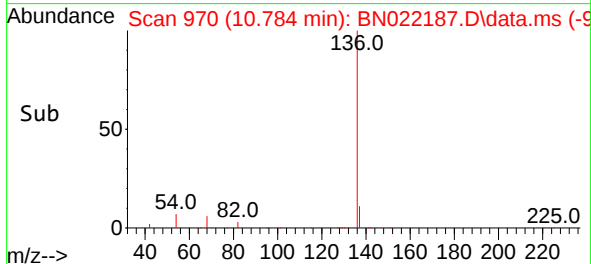
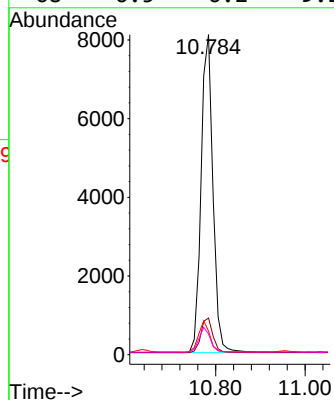
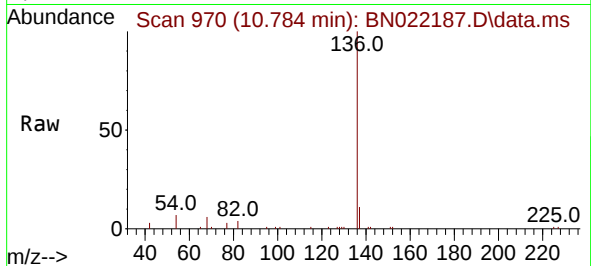
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

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Tgt Ion:136	Resp:	14910
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	7.3	7.1 10.7
68	6.5	6.2 9.2

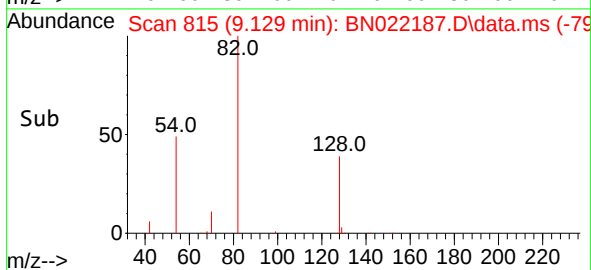
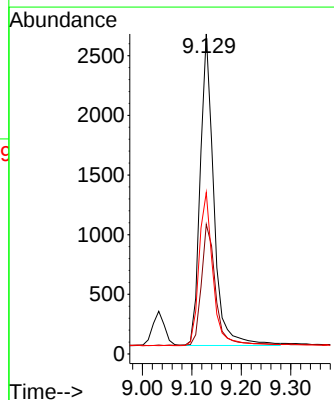
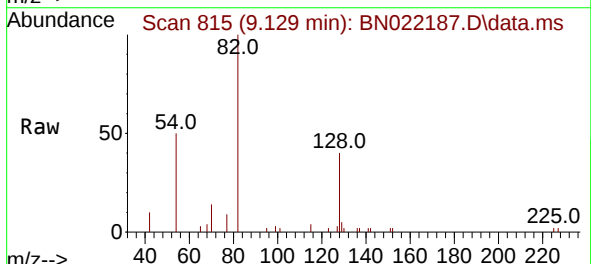
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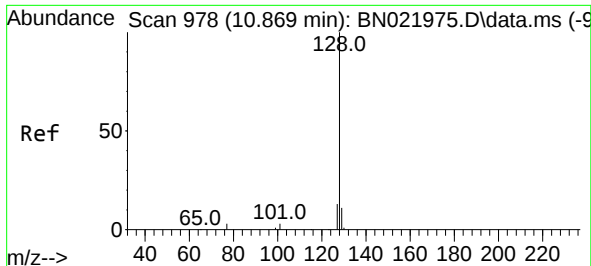
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 9.129 min Scan# 815
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Tgt Ion: 82	Resp:	4991
Ion Ratio	Lower	Upper
82	100	
128	40.5	29.9 44.9
54	50.5	43.5 65.3





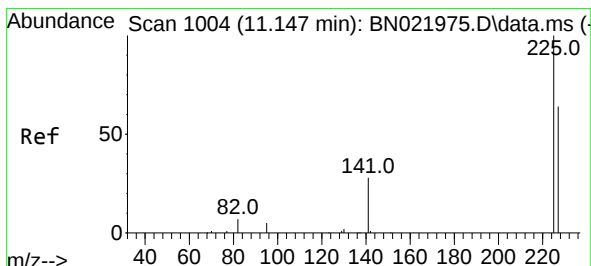
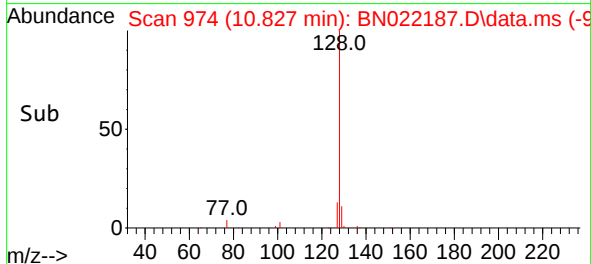
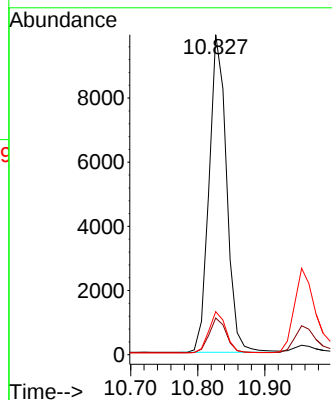
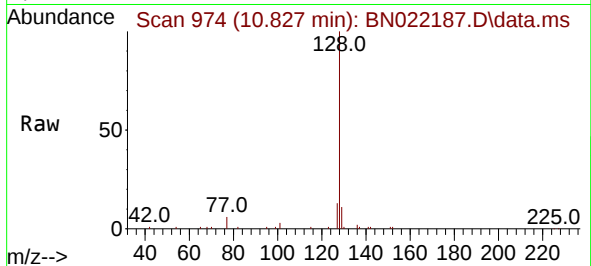
#9
Naphthalene
Concen: 0.399 ng
RT: 10.827 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :
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Tgt Ion:128 Resp: 1798
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.6 16.0

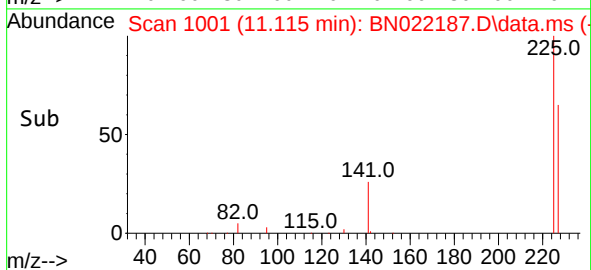
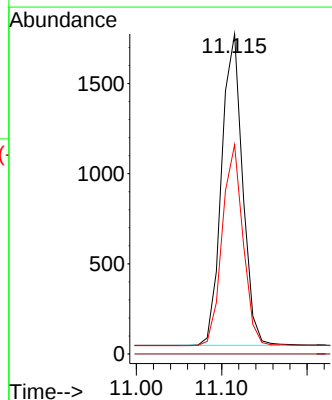
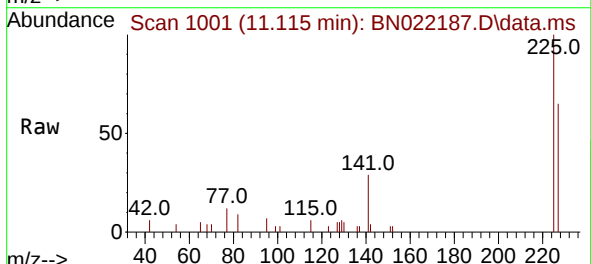
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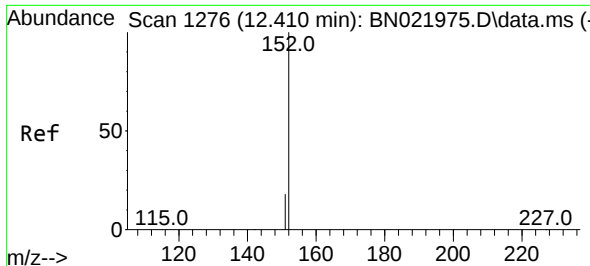
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 11.115 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Tgt Ion:225 Resp: 2943
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.9 51.3 76.9





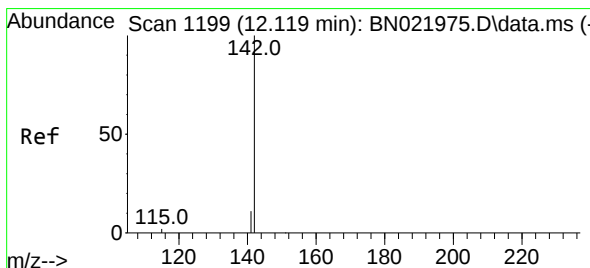
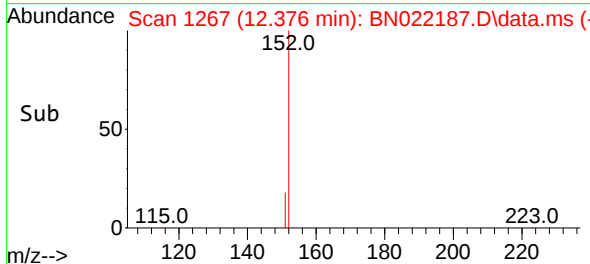
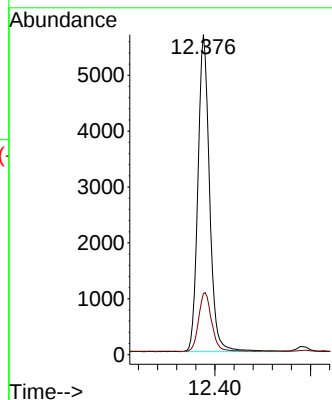
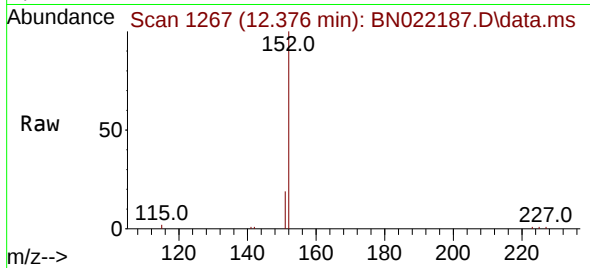
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.376 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :
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Tgt Ion:152 Resp: 10560
Ion Ratio Lower Upper
152 100
151 18.6 13.8 20.6

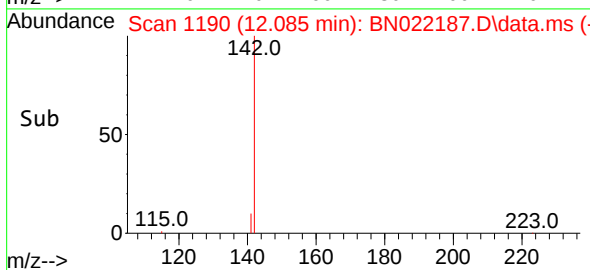
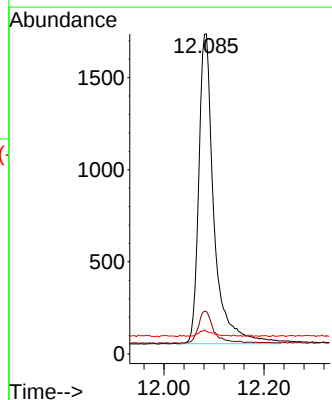
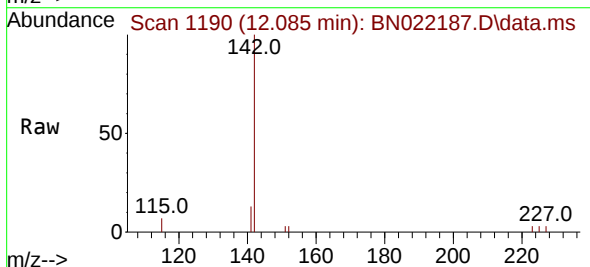
Manual Integrations
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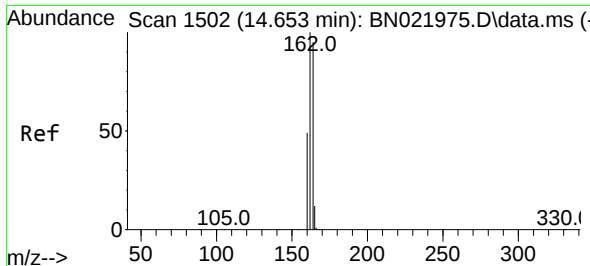
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#12
2-Methylnaphthalene
Concen: 0.532 ng
RT: 12.085 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

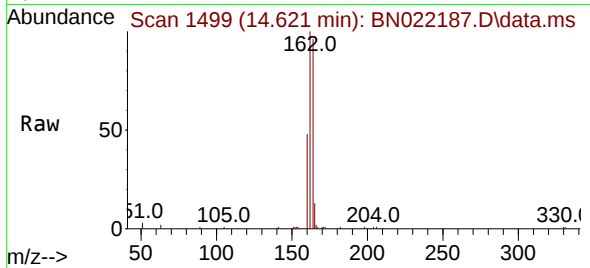
Tgt Ion:142 Resp: 3549
Ion Ratio Lower Upper
142 100
141 13.2 13.6 20.4#
115 7.0 9.7 14.5#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022187.D
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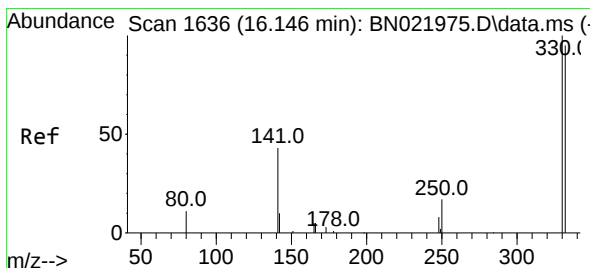
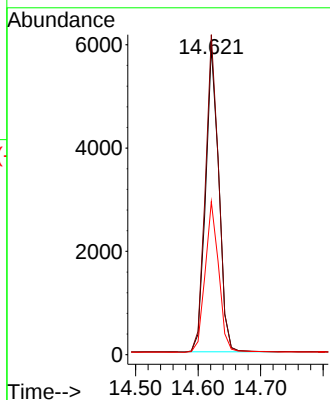
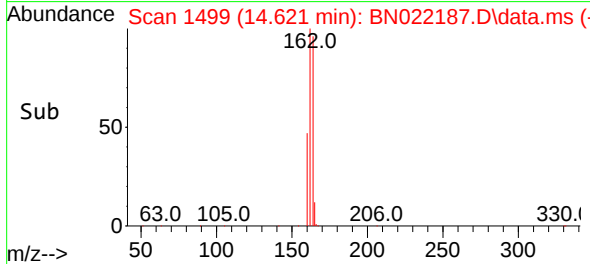
Instrument :
BNA_N
ClientSampleId :
PB148223BS



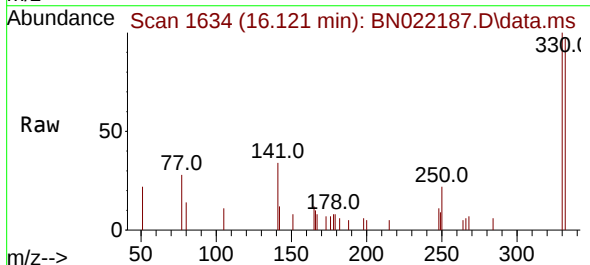
Tgt Ion:164 Resp: 866
Ion Ratio Lower Upper
164 100
162 104.0 84.3 126.5
160 49.8 41.7 62.5

Manual Integrations
APPROVED

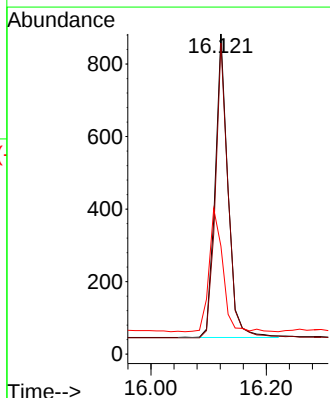
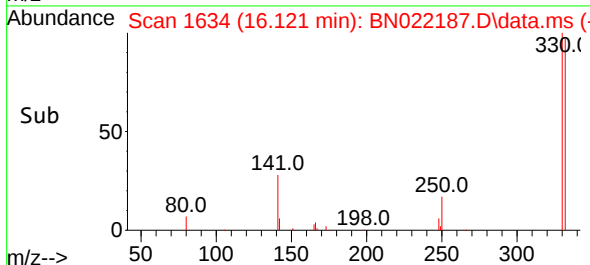
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

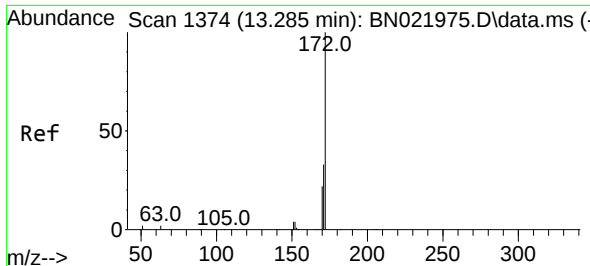


#14
2,4,6-Tribromophenol
Concen: 0.391 ng
RT: 16.121 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



Tgt Ion:330 Resp: 1292
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 43.2 35.3 52.9





#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 13.242 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :

BNA_N

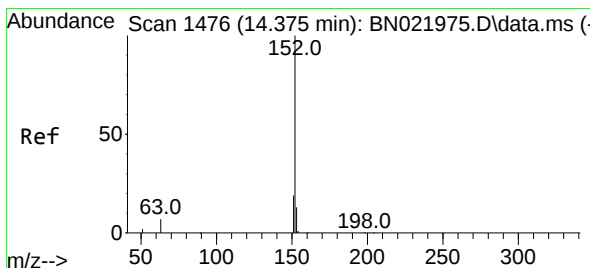
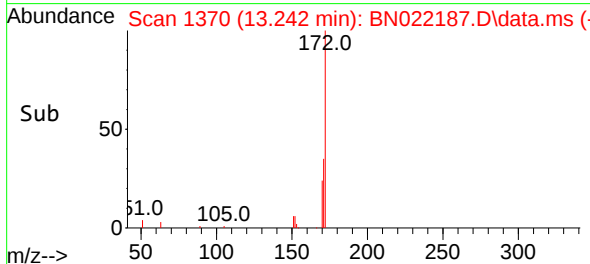
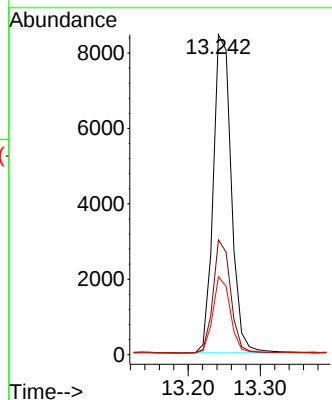
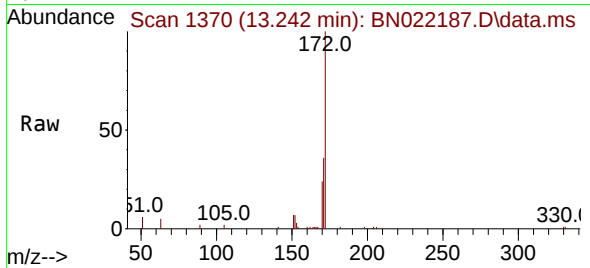
ClientSampleId :

PB148223BS

Tgt Ion:172 Resp: 14710
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.4 18.3 27.5

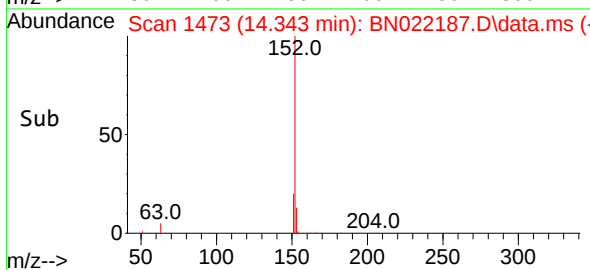
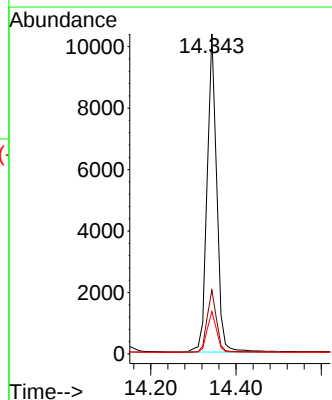
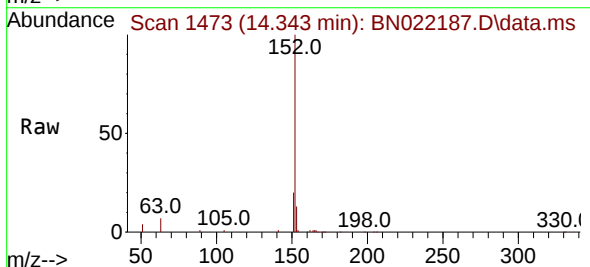
Manual Integrations
APPROVED

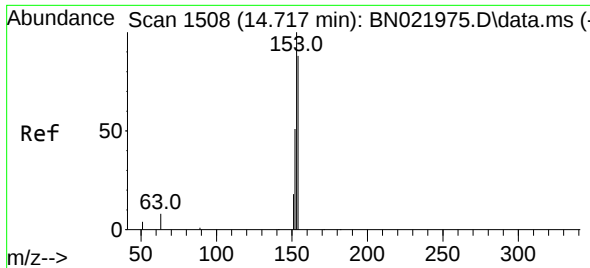
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.343 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

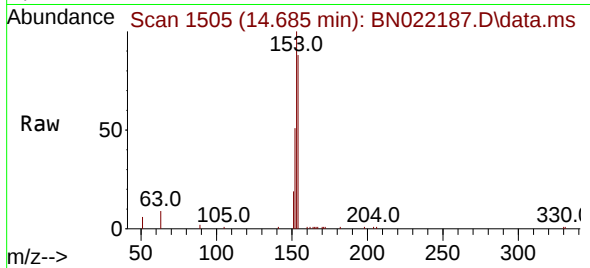
Tgt Ion:152 Resp: 16234
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 10.4 15.6





#17
Acenaphthene
Concen: 0.390 ng
RT: 14.685 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

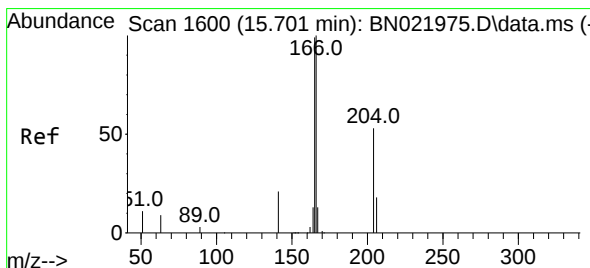
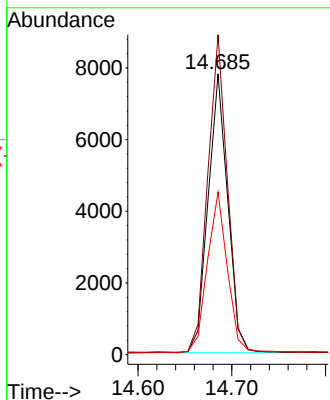
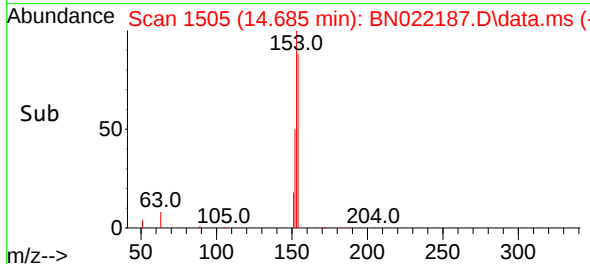
Instrument :
BNA_N
ClientSampleId :
PB148223BS



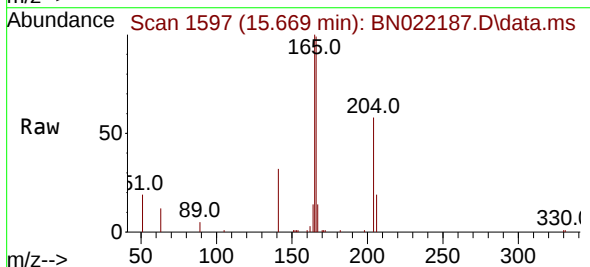
Tgt Ion:154 Resp: 1131
Ion Ratio Lower Upper
154 100
153 114.5 92.1 138.1
152 58.4 47.8 71.6

Manual Integrations
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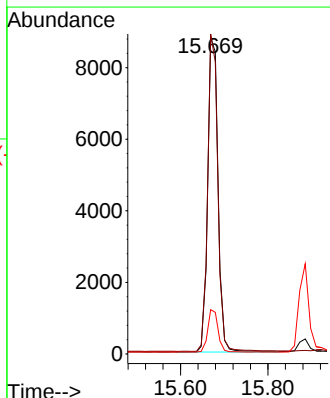
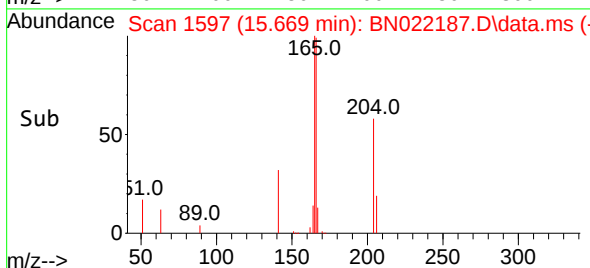
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

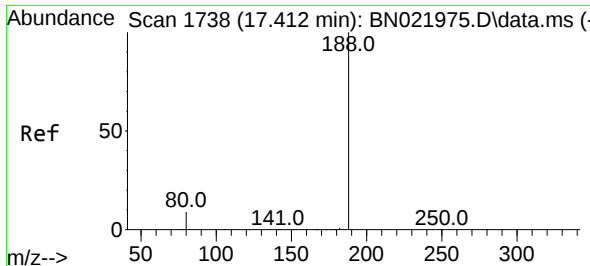


#18
Fluorene
Concen: 0.444 ng
RT: 15.669 min Scan# 1597
Delta R.T. -0.011 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



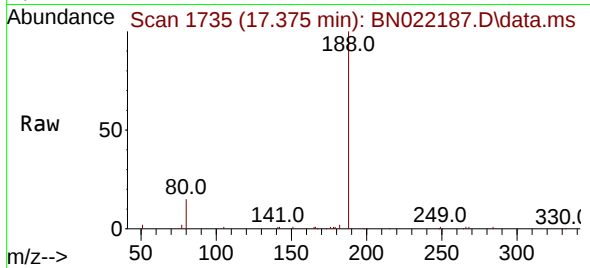
Tgt Ion:166 Resp: 15535
Ion Ratio Lower Upper
166 100
165 98.8 80.0 120.0
167 13.1 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

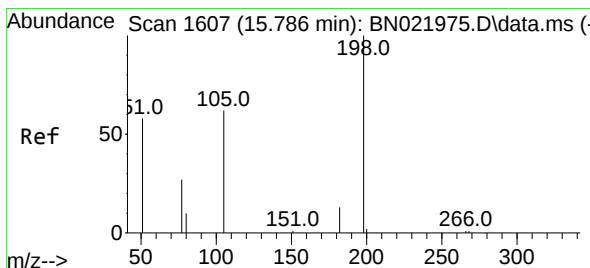
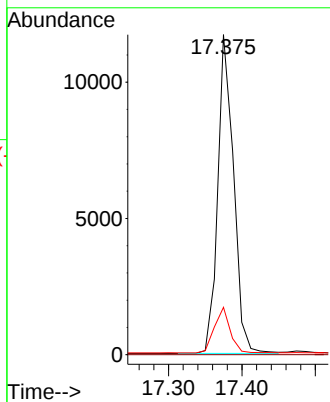
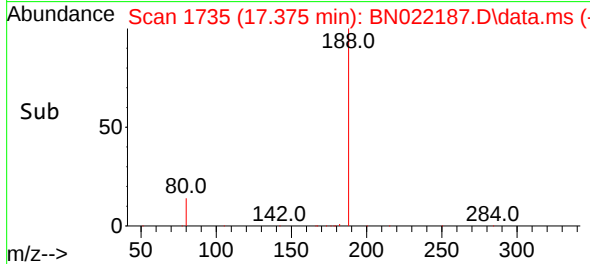
Instrument :
BNA_N
ClientSampleId :
PB148223BS



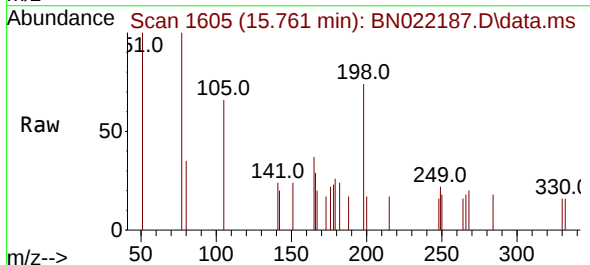
Tgt Ion:188 Resp: 1749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 7.5 11.3

Manual Integrations
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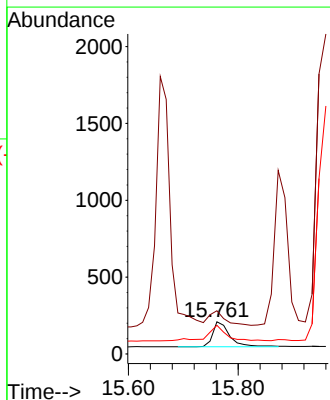
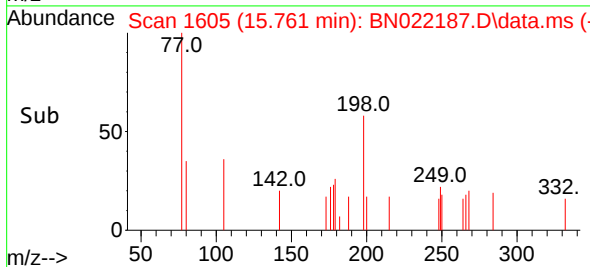
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

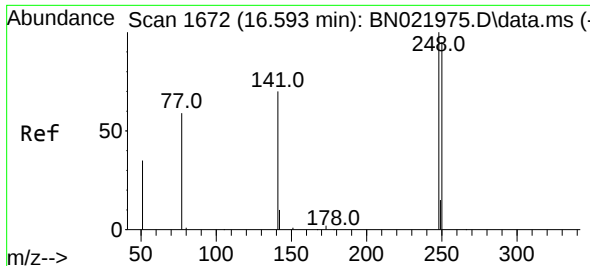


#20
4,6-Dinitro-2-methylphenol
Concen: 0.293 ng
RT: 15.761 min Scan# 1605
Delta R.T. -0.012 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



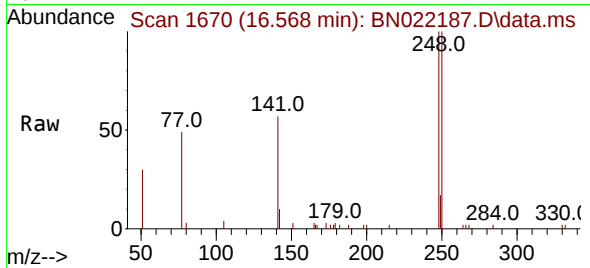
Tgt Ion:198 Resp: 346
Ion Ratio Lower Upper
198 100
51 134.3 96.6 144.8
105 89.0 64.4 96.6





#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.568 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

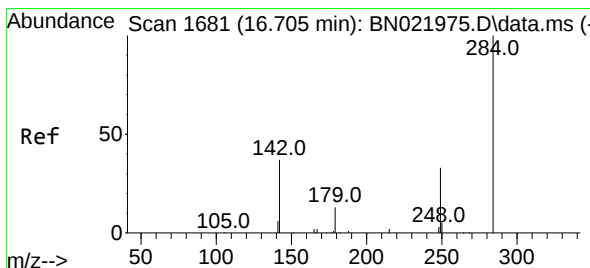
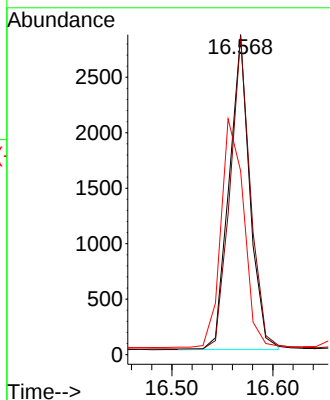
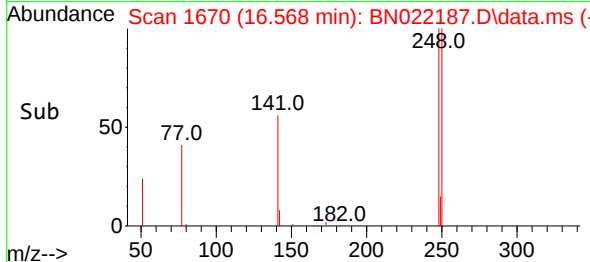
Instrument :
BNA_N
ClientSampleId :
PB148223BS



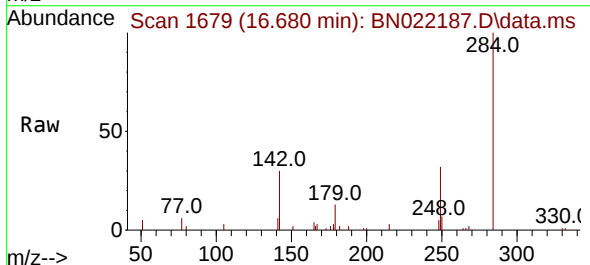
Tgt Ion:248 Resp: 404
Ion Ratio Lower Upper
248 100
250 99.6 76.6 114.8
141 57.4 57.5 86.3

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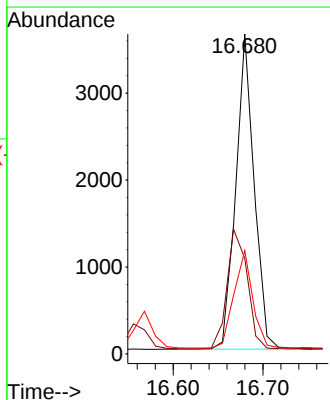
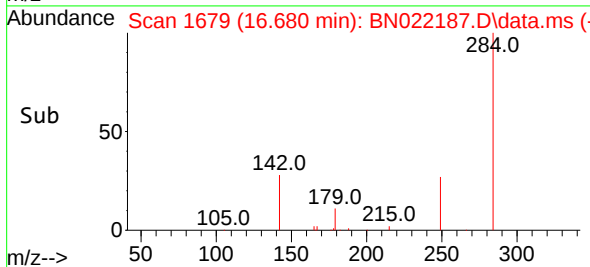
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

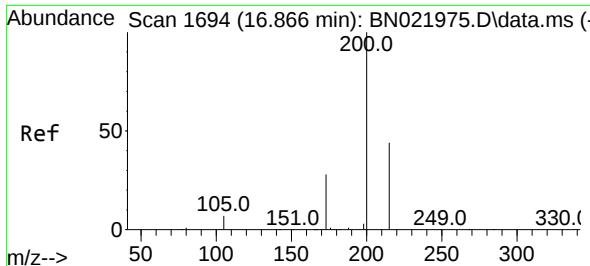


#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.680 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



Tgt Ion:284 Resp: 5155
Ion Ratio Lower Upper
284 100
142 41.8 33.4 50.0
249 31.6 25.1 37.7





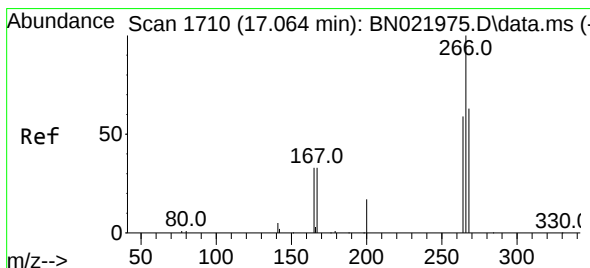
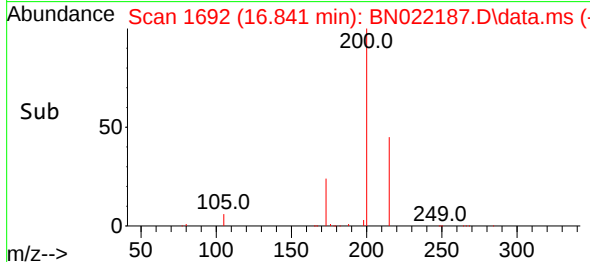
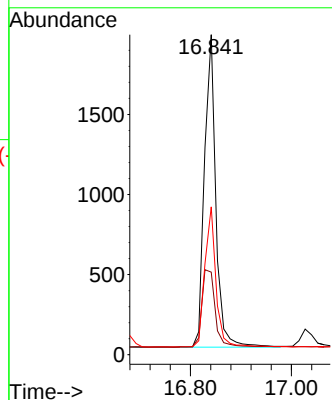
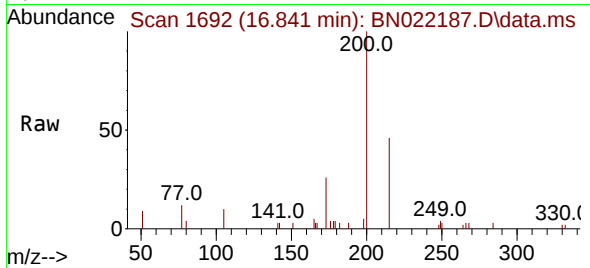
#23
Atrazine
Concen: 0.387 ng
RT: 16.841 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :
BNA_N
ClientSampleId :
PB148223BS

Tgt Ion:200 Resp: 306
Ion Ratio Lower Upper
200 100
173 25.8 24.6 36.8
215 46.2 37.1 55.7

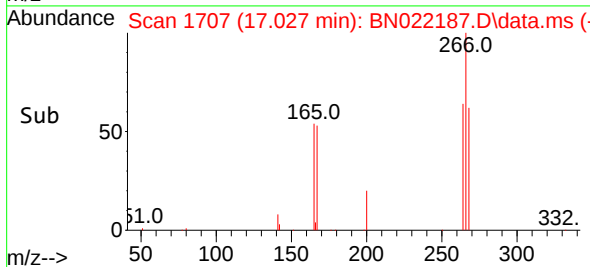
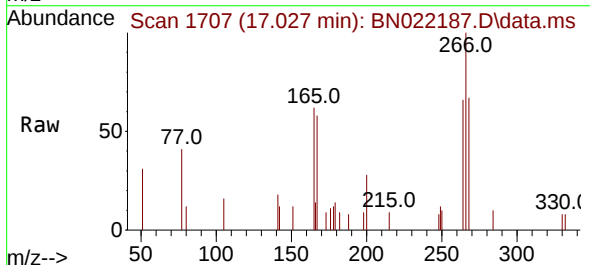
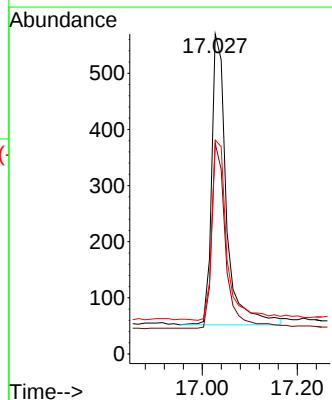
Manual Integrations
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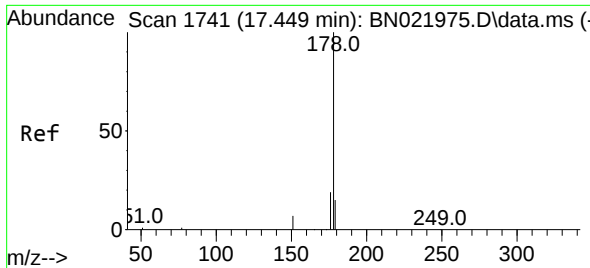
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#24
Pentachlorophenol
Concen: 0.275 ng
RT: 17.027 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Tgt Ion:266 Resp: 1119
Ion Ratio Lower Upper
266 100
264 60.5 49.8 74.6
268 63.8 49.6 74.4





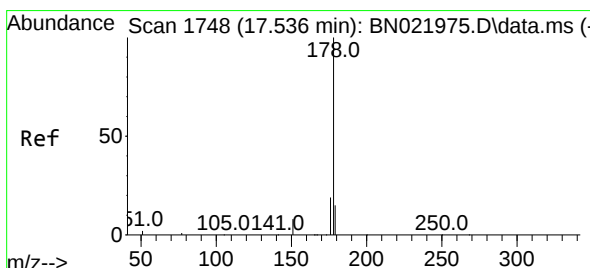
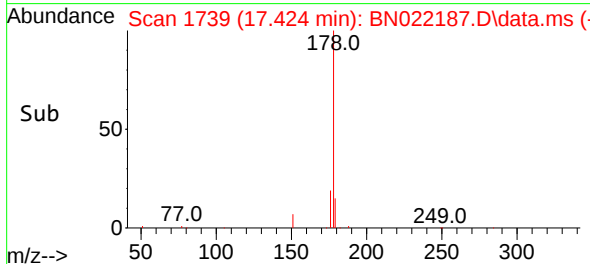
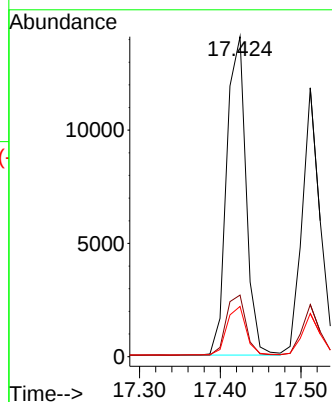
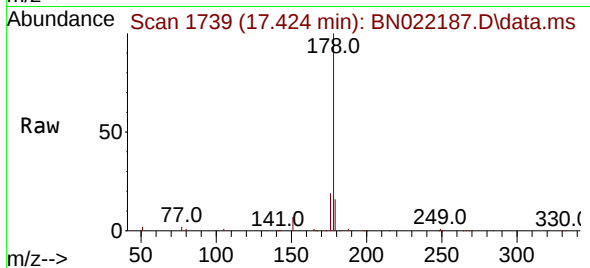
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.424 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :
BNA_N
ClientSampleId :
PB148223BS

Tgt Ion:178 Resp: 23390
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.2 18.2

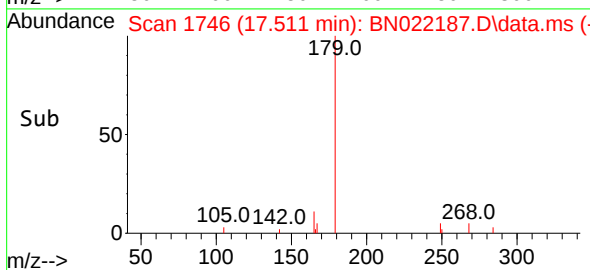
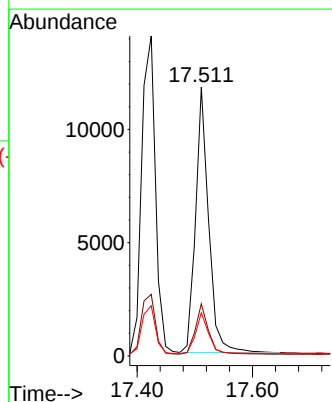
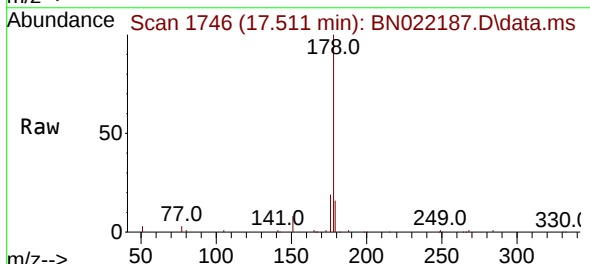
Manual Integrations
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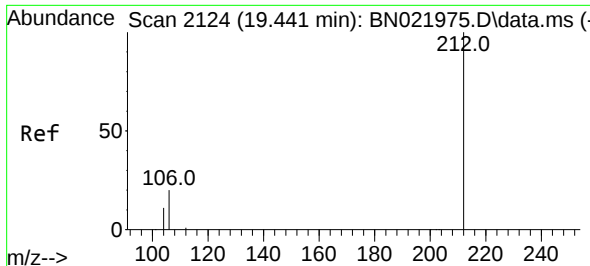
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#26
Anthracene
Concen: 0.383 ng
RT: 17.511 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

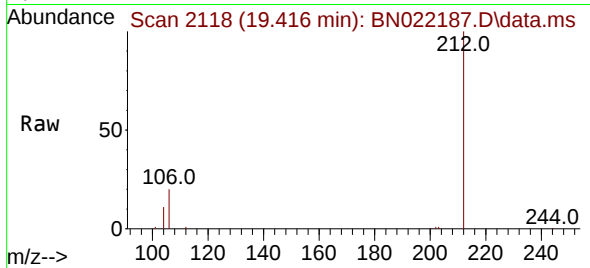
Tgt Ion:178 Resp: 18490
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.416 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

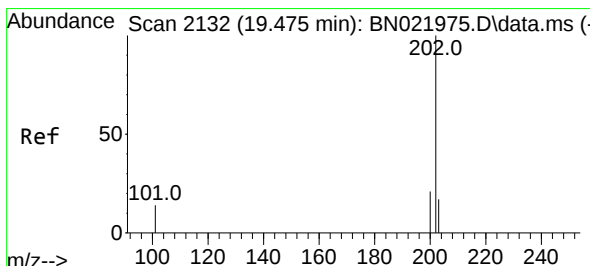
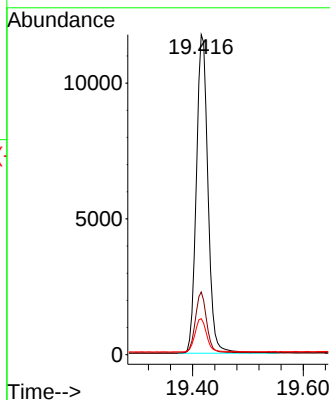
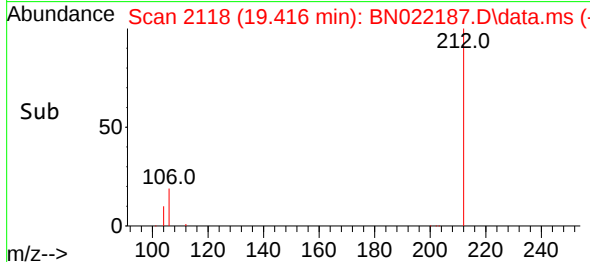
Instrument :
BNA_N
ClientSampleId :
PB148223BS



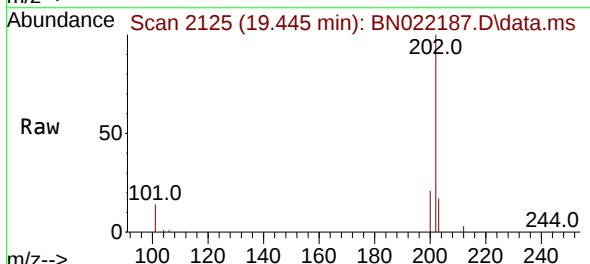
Tgt Ion:212 Resp: 1711
Ion Ratio Lower Upper
212 100
106 18.6 15.2 22.8
104 10.5 8.6 13.0

Manual Integrations
APPROVED

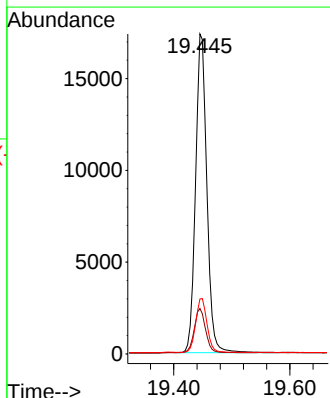
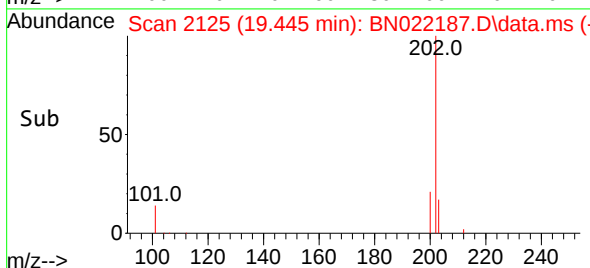
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

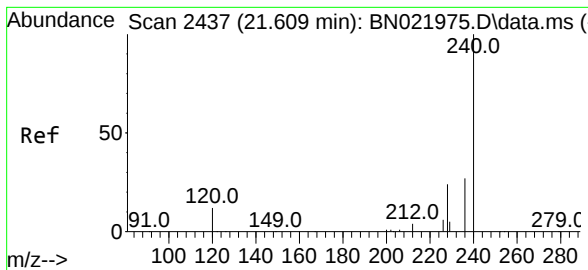


#28
Fluoranthene
Concen: 0.364 ng
RT: 19.445 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



Tgt Ion:202 Resp: 23481
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
203 17.0 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.582 min Scan# 2437

Delta R.T. 0.000 min

Lab File: BN022187.D

Acq: 18 Oct 2022 21:08

Instrument :

BNA_N

ClientSampleId :

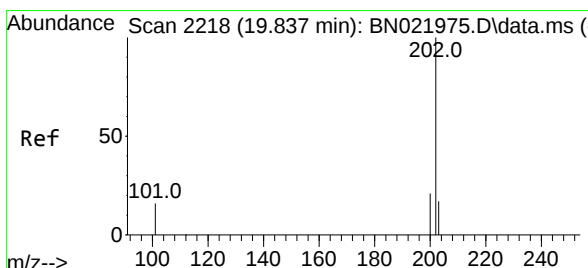
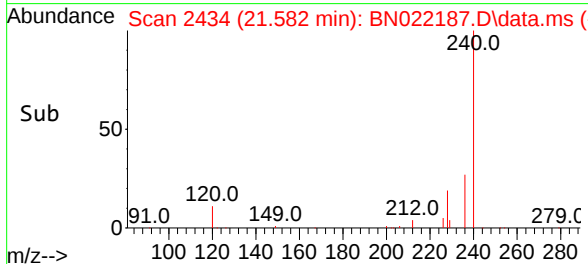
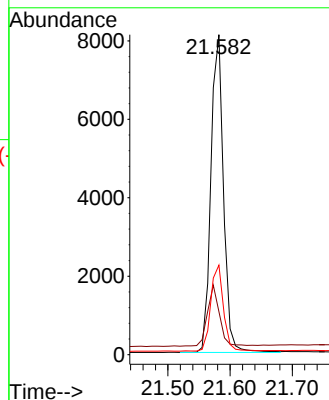
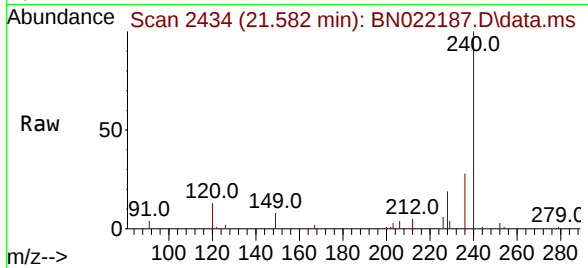
PB148223BS

Tgt Ion:	240	Resp:	1133
Ion Ratio	Lower	Upper	
240	100		
120	13.5	11.8	17.6
236	28.0	22.4	33.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#30

Pyrene

Concen: 0.465 ng

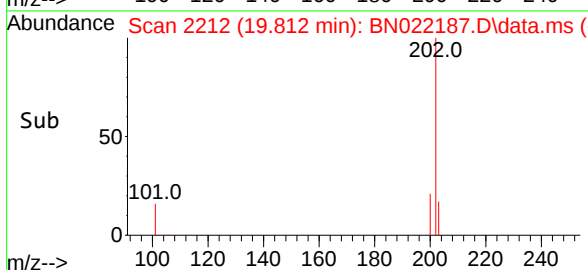
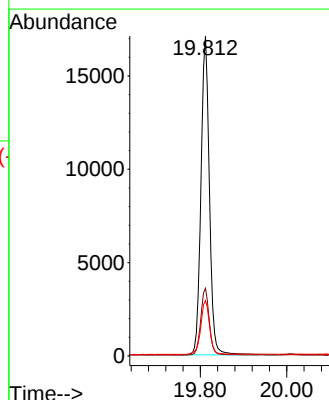
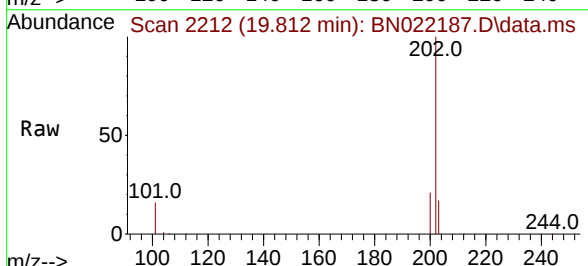
RT: 19.812 min Scan# 2212

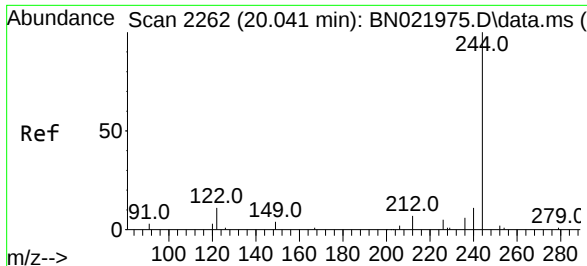
Delta R.T. 0.000 min

Lab File: BN022187.D

Acq: 18 Oct 2022 21:08

Tgt Ion:	202	Resp:	23124
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.6	25.0
203	17.7	14.1	21.1





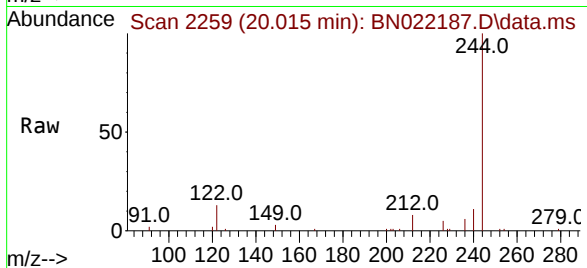
#31
 Terphenyl-d14
 Concen: 0.445 ng
 RT: 20.015 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08

Instrument :

BNA_N

ClientSampleId :

PB148223BS

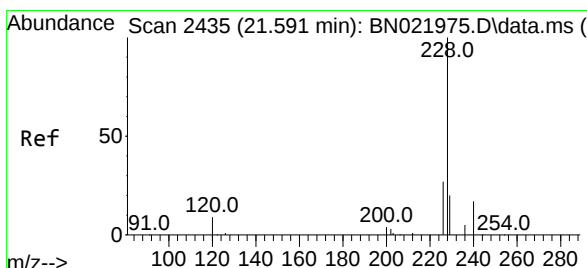
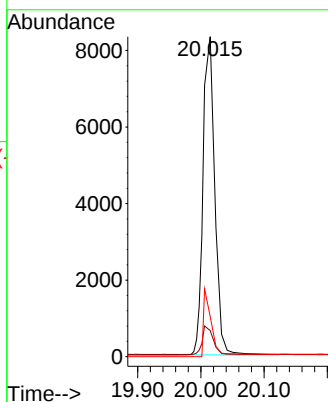
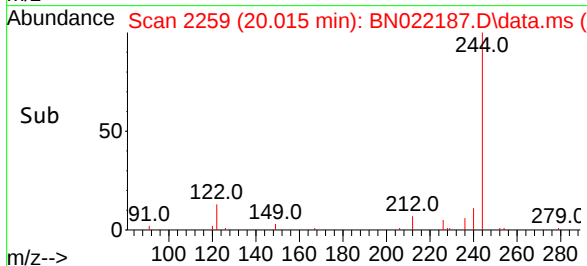


Tgt Ion:244 Resp: 1014
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 12.6 9.1 13.7

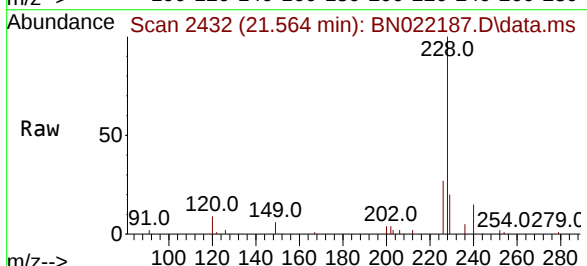
Manual Integrations

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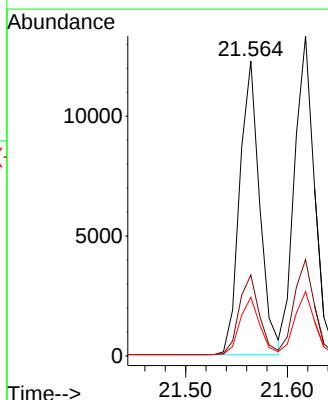
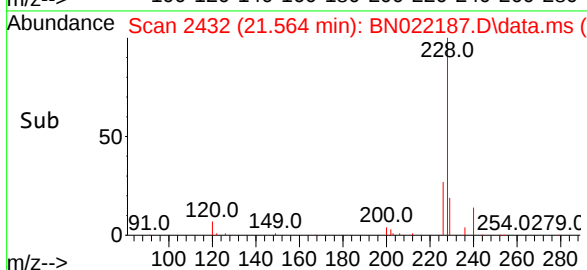
Reviewed By :Christian Giraldo 10/19/2022
 Supervised By :mohammad ahmed 10/20/2022

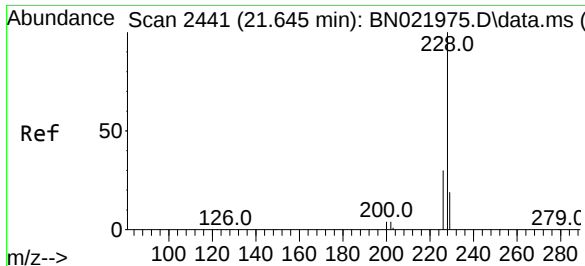


#32
 Benzo(a)anthracene
 Concen: 0.393 ng
 RT: 21.564 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08



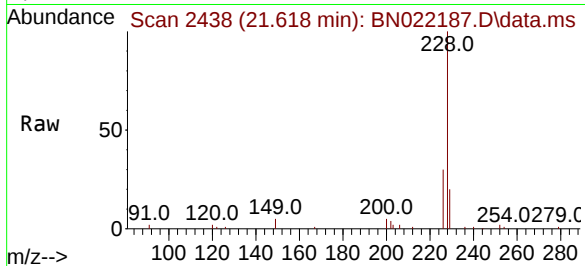
Tgt Ion:228 Resp: 16740
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.2 33.4
 229 19.9 16.2 24.2





#33
Chrysene
Concen: 0.385 ng
RT: 21.618 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

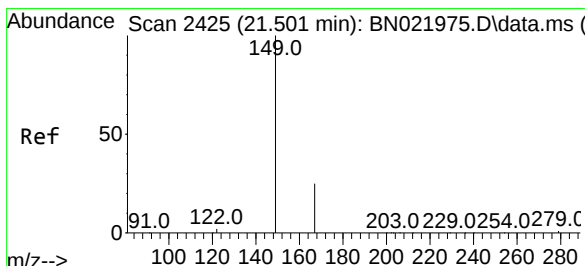
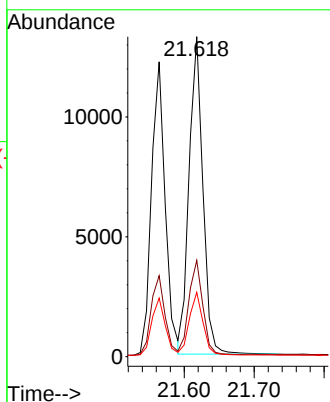
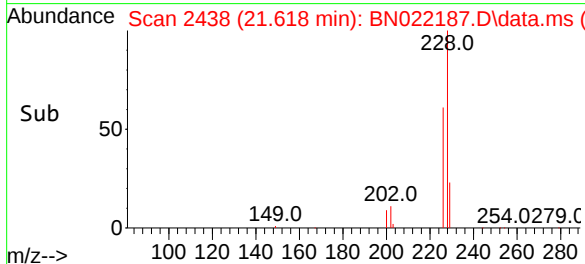
Instrument :
BNA_N
ClientSampleId :
PB148223BS



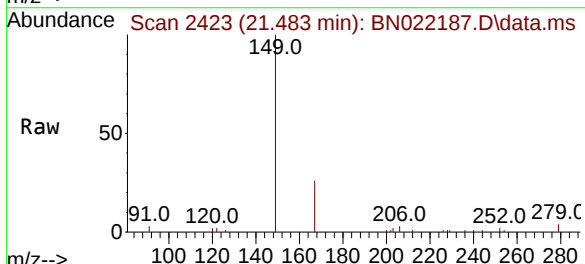
Tgt Ion:228 Resp: 1819
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 20.1 15.8 23.6

Manual Integrations
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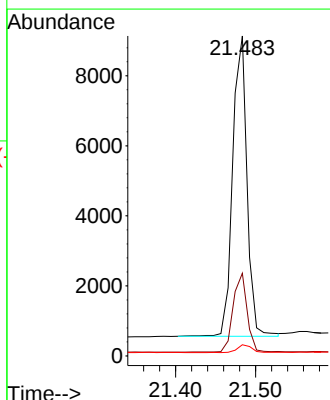
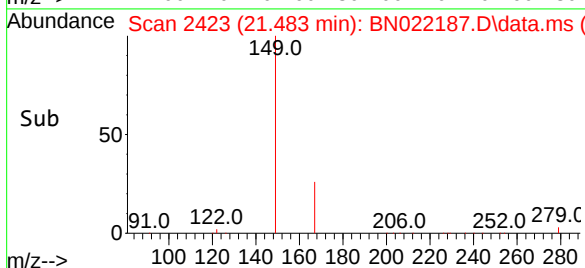
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

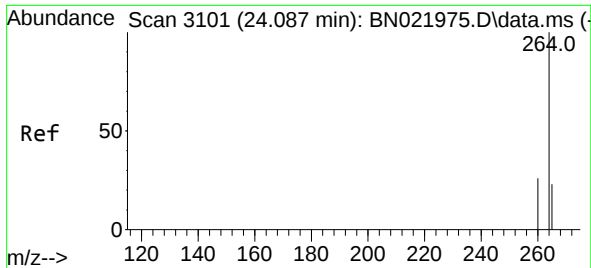


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.521 ng
RT: 21.483 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



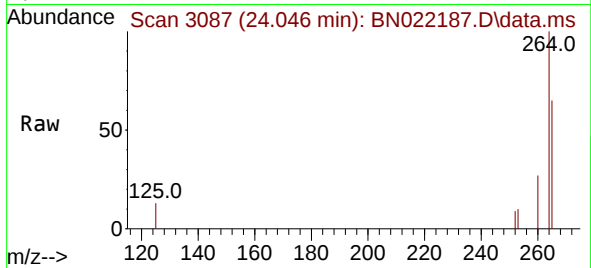
Tgt Ion:149 Resp: 10653
Ion Ratio Lower Upper
149 100
167 25.9 20.2 30.4
279 2.8 2.3 3.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.046 min Scan# 3087
 Delta R.T. -0.006 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BS

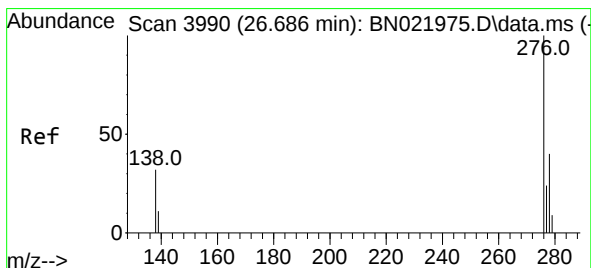
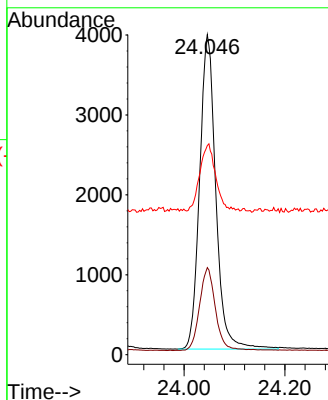
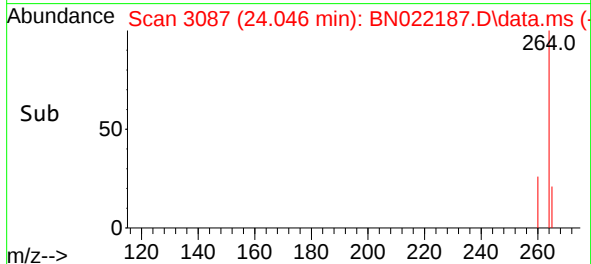


Tgt Ion: 264 Resp: 874

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.3	31.9
265	65.4	63.0	94.4

Manual Integrations
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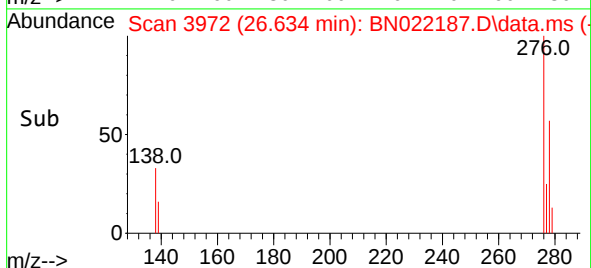
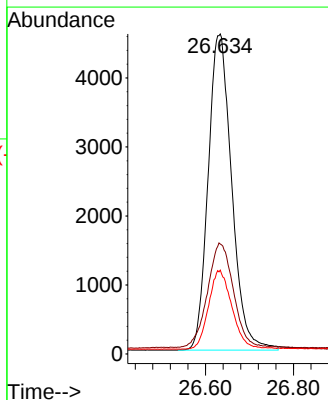
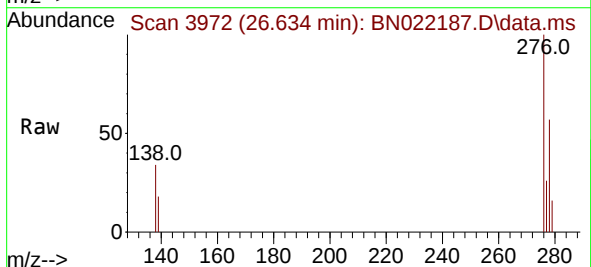
Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : mohammad ahmed 10/20/2022

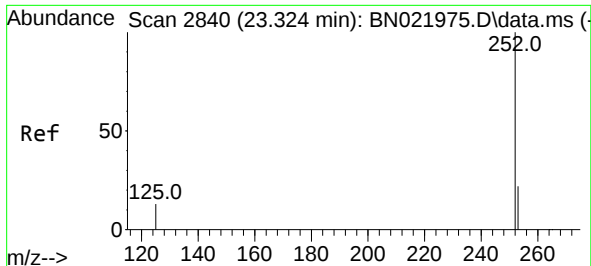


#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.386 ng
 RT: 26.634 min Scan# 3972
 Delta R.T. -0.003 min
 Lab File: BN022187.D
 Acq: 18 Oct 2022 21:08

Tgt Ion: 276 Resp: 17041

Ion	Ratio	Lower	Upper
276	100		
138	36.0	28.0	42.0
277	24.6	19.8	29.8





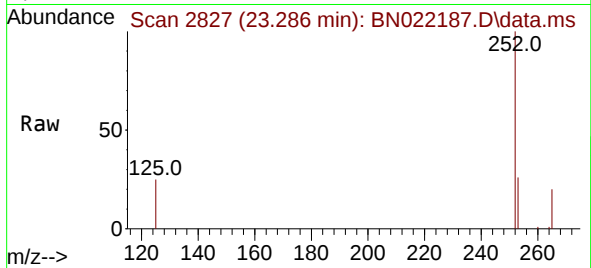
#37
Benzo(b)fluoranthene
Concen: 0.391 ng m
RT: 23.286 min Scan# 2840
Delta R.T. -0.006 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :

BNA_N

ClientSampleId :

PB148223BS

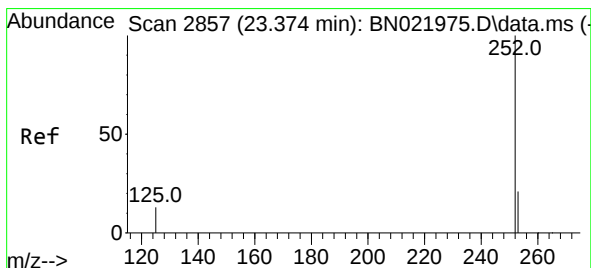
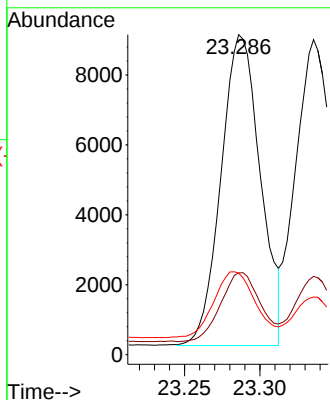
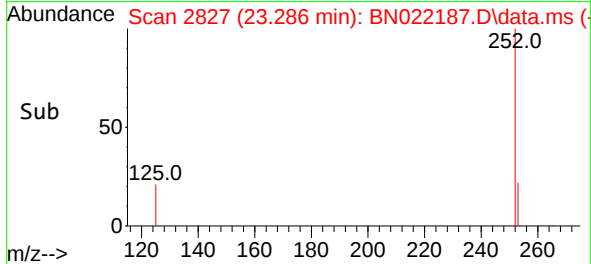


Tgt Ion:252 Resp: 16204
Ion Ratio Lower Upper
252 100
253 25.5 20.6 31.0
125 25.5 15.6 23.4

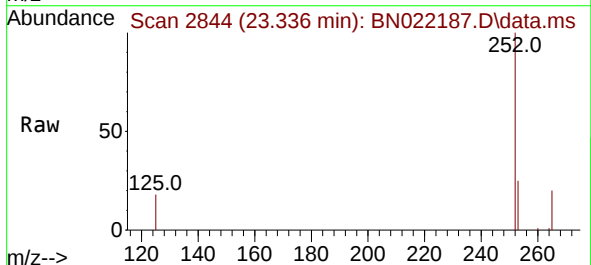
Manual Integrations

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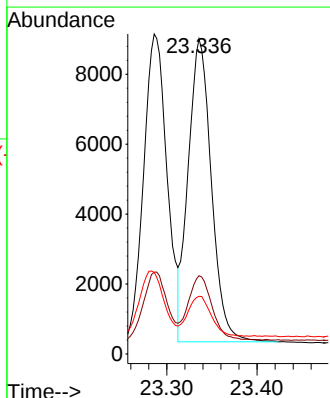
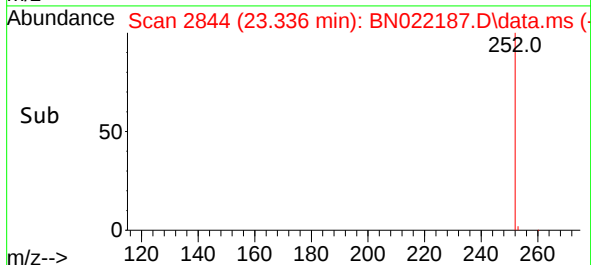
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

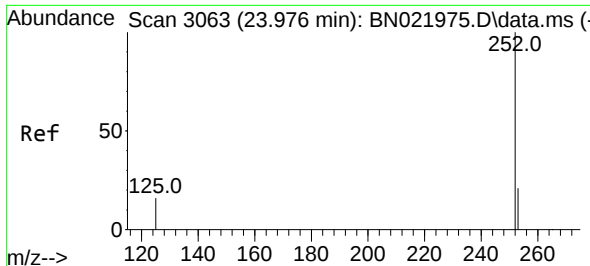


#38
Benzo(k)fluoranthene
Concen: 0.374 ng
RT: 23.336 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08



Tgt Ion:252 Resp: 15443
Ion Ratio Lower Upper
252 100
253 24.9 20.4 30.6
125 18.3 15.8 23.6





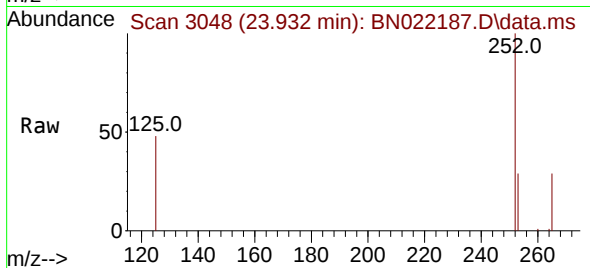
#39
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.932 min Scan# 3063
Delta R.T. -0.006 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :

BN022187.D

ClientSampleId :

PB148223BS

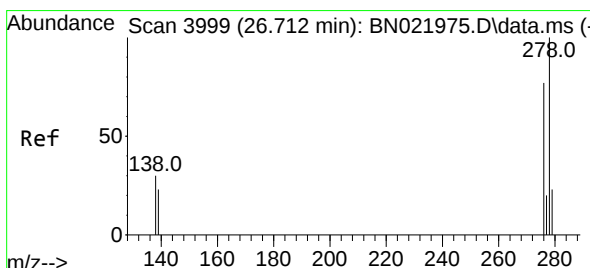
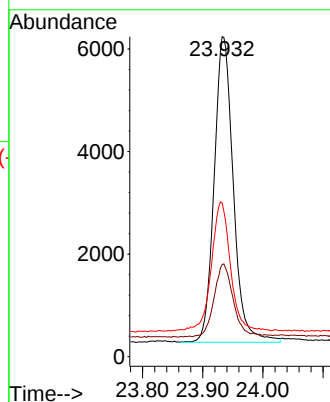
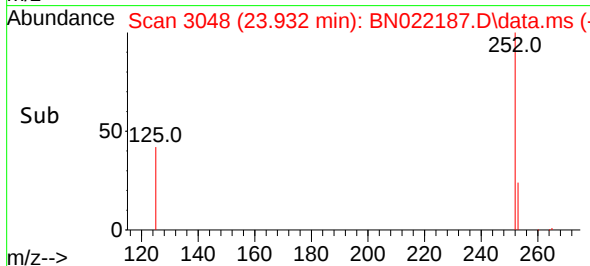


Tgt Ion:252 Resp: 13185
Ion Ratio Lower Upper
252 100
253 28.8 23.2 34.8
125 48.1 21.1 31.7

Manual Integrations

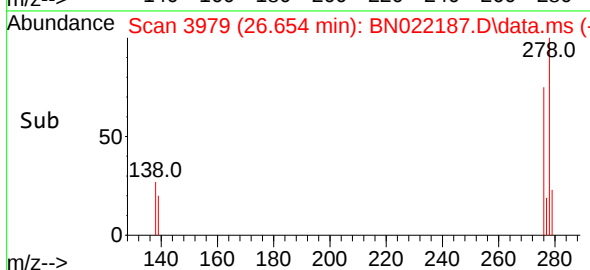
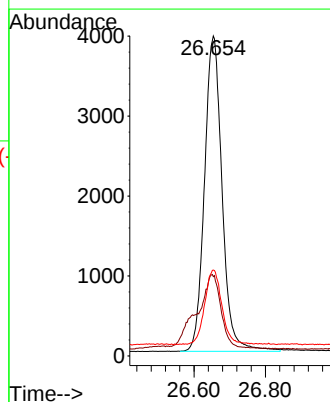
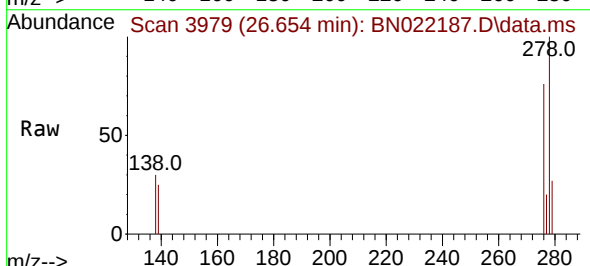
APPROVED

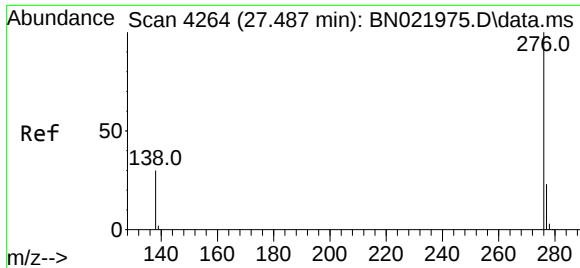
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.383 ng
RT: 26.654 min Scan# 3979
Delta R.T. -0.006 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

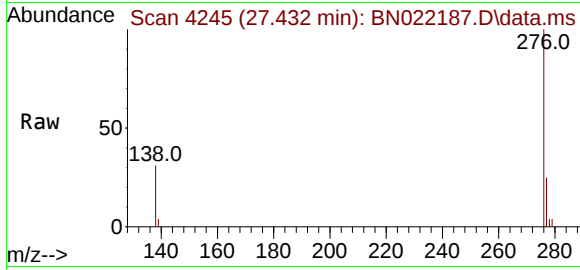
Tgt Ion:278 Resp: 13476
Ion Ratio Lower Upper
278 100
139 24.8 19.9 29.9
279 26.9 21.9 32.9





#41
Benzo(g,h,i)perylene
Concen: 0.353 ng
RT: 27.432 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN022187.D
Acq: 18 Oct 2022 21:08

Instrument :
BNA_N
ClientSampleId :
PB148223BS



Tgt Ion:276 Resp: 13419
Ion Ratio Lower Upper
276 100
277 24.9 20.0 30.0
138 31.5 25.2 37.8

Manual Integrations
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Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

