

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022186.D
 Acq On : 18 Oct 2022 20:32
 Operator : CG/JU
 Sample : PB148416BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148416BSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 19 02:10:20 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	4170	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	14272	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	8258	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	17070	0.400	ng	#-0.01
29) Chrysene-d12	21.582	240	11416	0.400	ng	0.00
35) Perylene-d12	24.046	264	8667	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.479	112	4647	0.481	ng	0.00
5) Phenol-d6	7.112	99	6138	0.490	ng	0.00
8) Nitrobenzene-d5	9.129	82	4809	0.419	ng	0.00
11) 2-Methylnaphthalene-d10	12.376	152	9806	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	1211	0.384	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	14084	0.390	ng	0.00
27) Fluoranthene-d10	19.416	212	16716	0.368	ng	0.00
31) Terphenyl-d14	20.015	244	10440	0.455	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	2051	0.380	ng	98
3) n-Nitrosodimethylamine	3.638	42	2233	0.381	ng	# 93
6) bis(2-Chloroethyl)ether	7.379	93	5449	0.411	ng	97
9) Naphthalene	10.827	128	17158	0.398	ng	99
10) Hexachlorobutadiene	11.115	225	2812	0.376	ng	# 98
12) 2-Methylnaphthalene	12.081	142	3475	0.544	ng	# 91
16) Acenaphthylene	14.343	152	15673	0.399	ng	100
17) Acenaphthene	14.685	154	10810	0.391	ng	99
18) Fluorene	15.679	166	14997	0.450	ng	99
20) 4,6-Dinitro-2-methylph...	15.761	198	325	0.289	ng	# 79
21) 4-Bromophenyl-phenylether	16.568	248	3792	0.365	ng	91
22) Hexachlorobenzene	16.680	284	5020	0.388	ng	99
23) Atrazine	16.841	200	2945	0.382	ng	97
24) Pentachlorophenol	17.027	266	1046	0.264	ng	96
25) Phenanthrene	17.424	178	22808	0.389	ng	100
26) Anthracene	17.511	178	18094	0.384	ng	100
28) Fluoranthene	19.449	202	22957	0.365	ng	100
30) Pyrene	19.812	202	22705	0.453	ng	100
32) Benzo(a)anthracene	21.564	228	16817	0.392	ng	99
33) Chrysene	21.618	228	18064	0.379	ng	99
34) Bis(2-ethylhexyl)phtha...	21.483	149	10826	0.526	ng	98
36) Indeno(1,2,3-cd)pyrene	26.631	276	16872	0.385	ng	99
37) Benzo(b)fluoranthene	23.289	252	16047m	0.391	ng	
38) Benzo(k)fluoranthene	23.339	252	14996	0.367	ng	99
39) Benzo(a)pyrene	23.935	252	12899	0.412	ng	# 84
40) Dibenzo(a,h)anthracene	26.654	278	13324	0.382	ng	99
41) Benzo(g,h,i)perylene	27.432	276	13299	0.353	ng	99

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

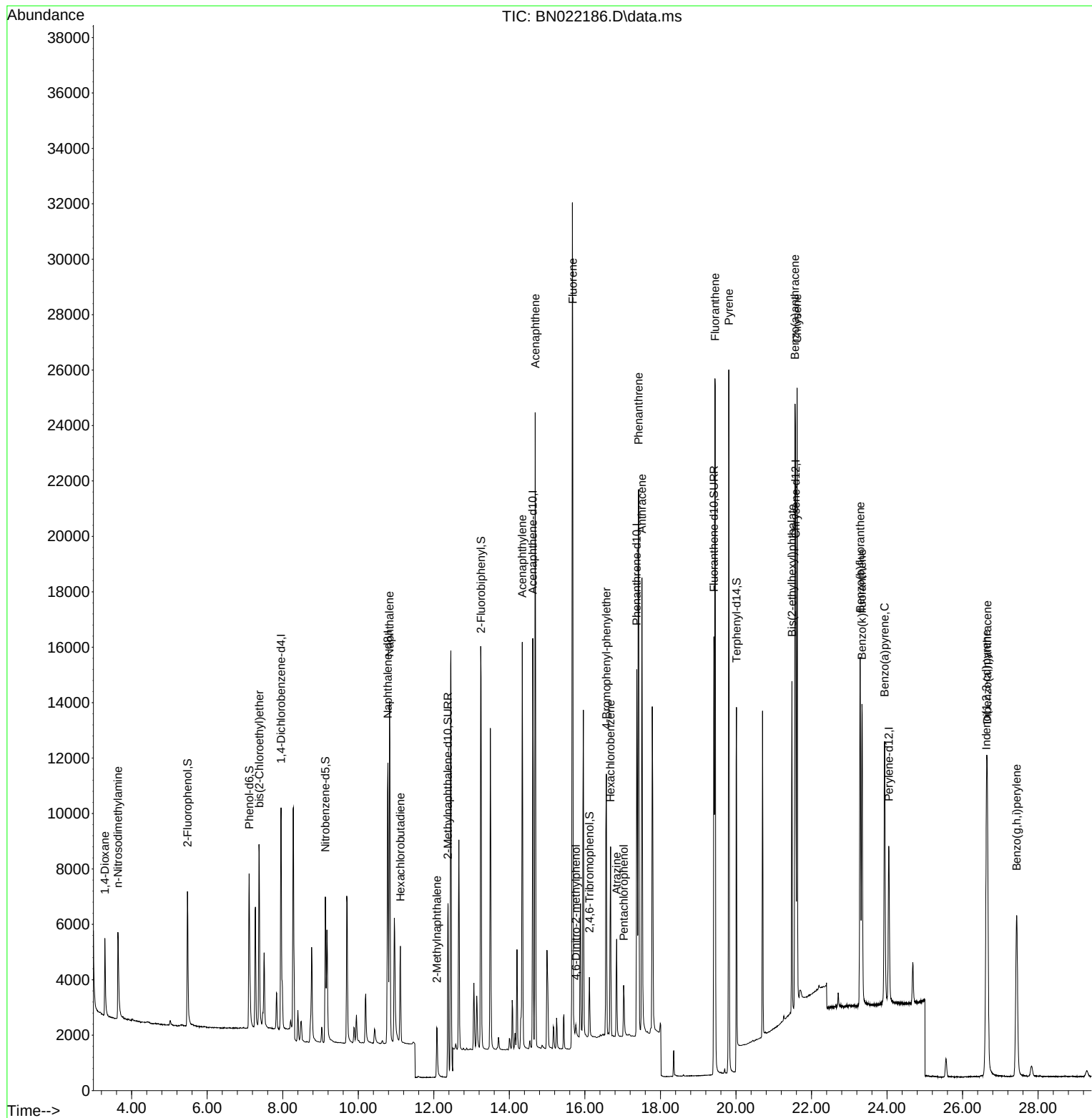
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
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 ALS Vial : 9 Sample Multiplier: 1

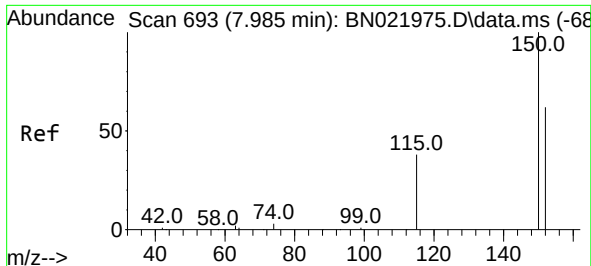
Instrument :
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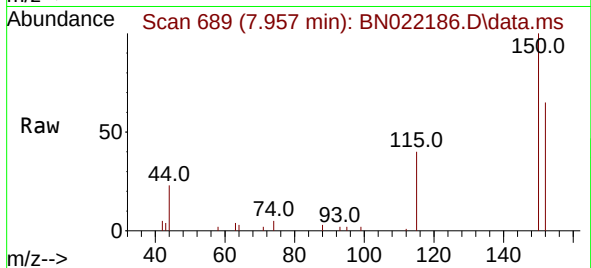
Quant Time: Oct 19 02:10:20 2022
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

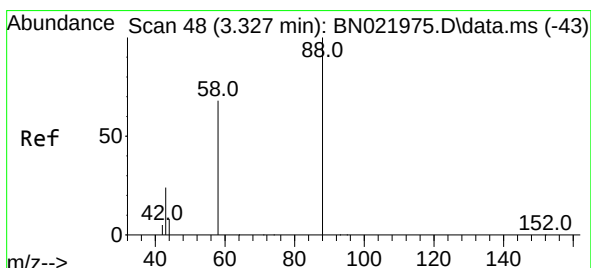
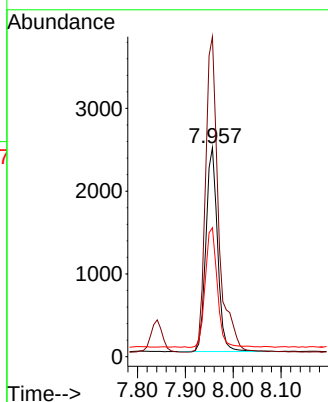
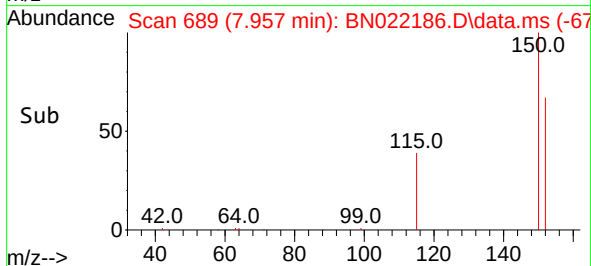
Instrument :
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ClientSampleId :
PB148416BSD



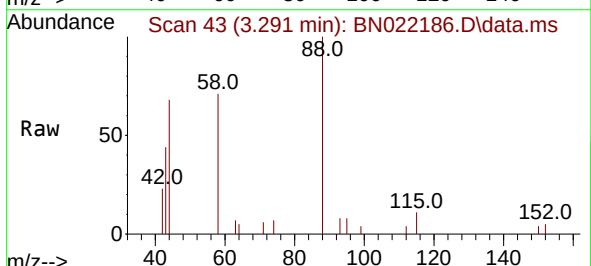
Tgt Ion: 152 Resp: 4170
Ion Ratio Lower Upper
152 100
150 153.0 127.2 190.8
115 61.7 51.4 77.0

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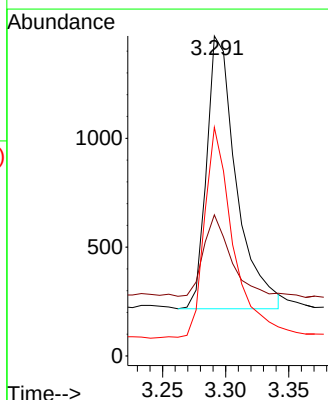
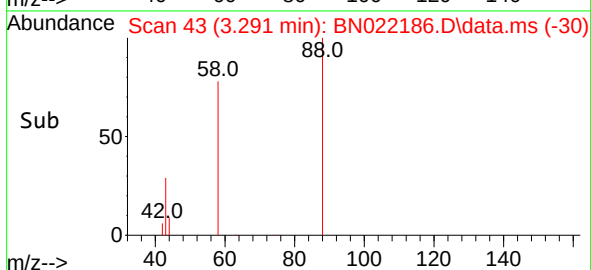
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

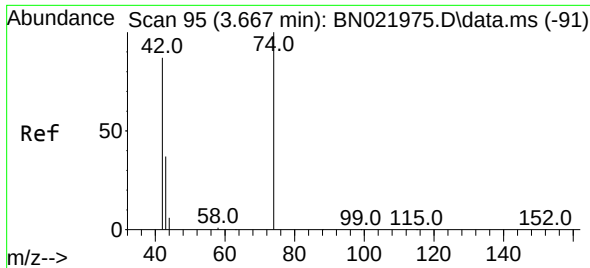


#2
1,4-Dioxane
Concen: 0.380 ng
RT: 3.291 min Scan# 43
Delta R.T. -0.007 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



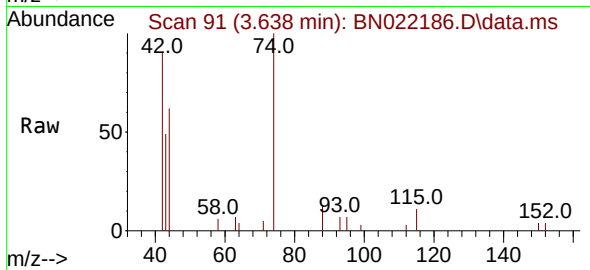
Tgt Ion: 88 Resp: 2051
Ion Ratio Lower Upper
88 100
43 27.1 22.6 34.0
58 74.8 58.6 88.0





#3
n-Nitrosodimethylamine
Concen: 0.381 ng
RT: 3.638 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

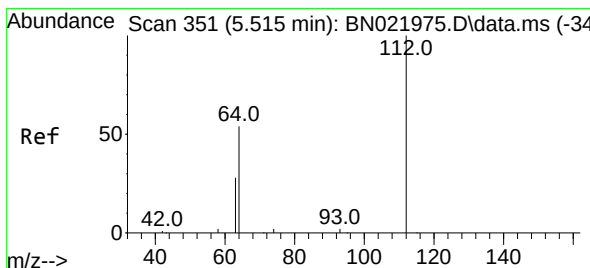
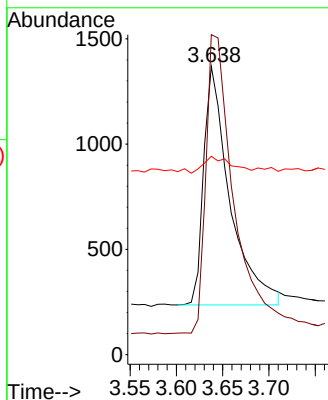
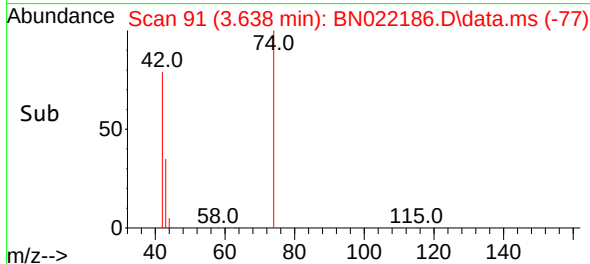
Instrument :
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Tgt Ion: 42 Resp: 223
Ion Ratio Lower Upper
42 100
74 134.1 101.6 152.4
44 7.3 10.4 15.6

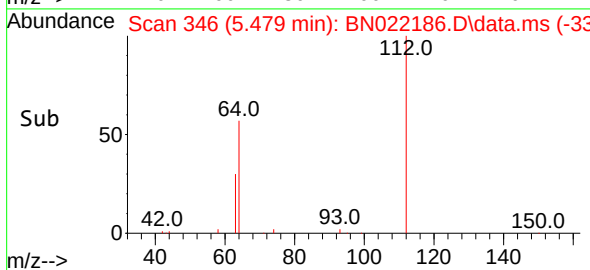
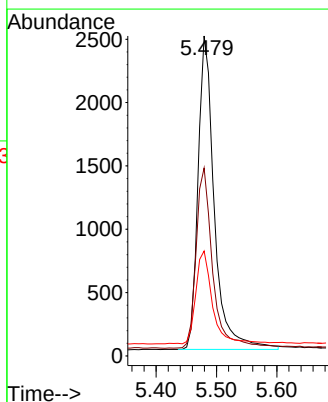
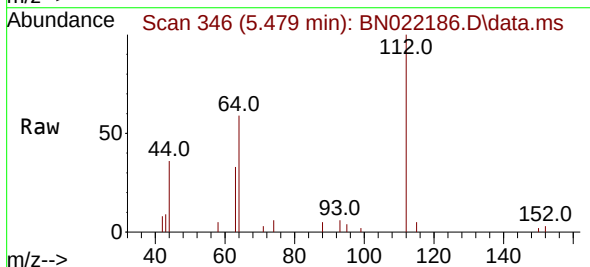
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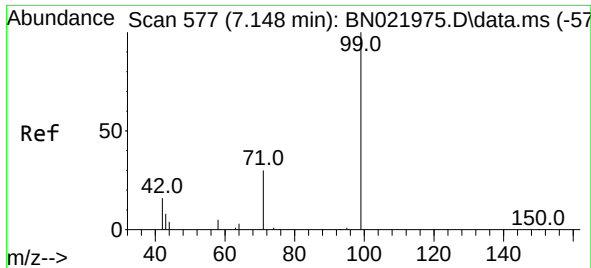
Reviewed By :Christian Giraldo 10/19/2022
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#4
2-Fluorophenol
Concen: 0.481 ng
RT: 5.479 min Scan# 346
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion:112 Resp: 4647
Ion Ratio Lower Upper
112 100
64 58.5 46.9 70.3
63 30.8 24.6 37.0





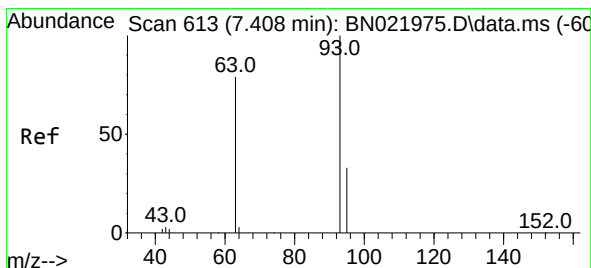
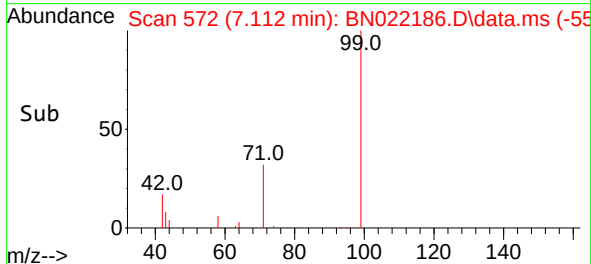
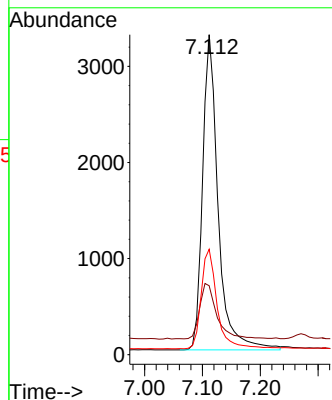
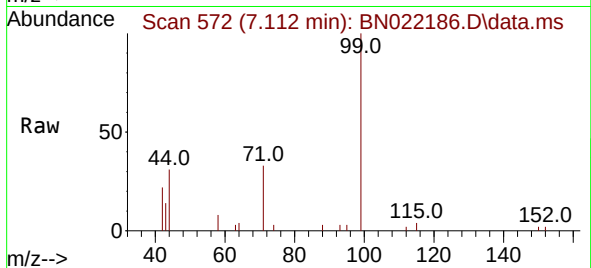
#5
Phenol-d6
Concen: 0.490 ng
RT: 7.112 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Instrument :
BNA_N
ClientSampleId :
PB148416BSD

Tgt Ion: 99 Resp: 6138
Ion Ratio Lower Upper
99 100
42 19.1 15.9 23.9
71 32.6 25.6 38.4

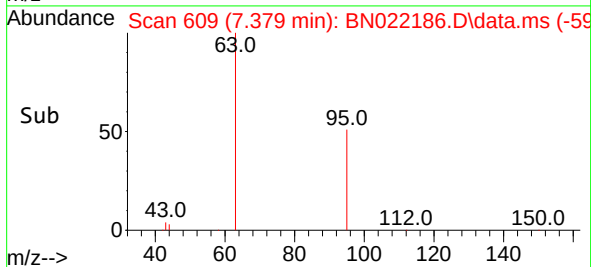
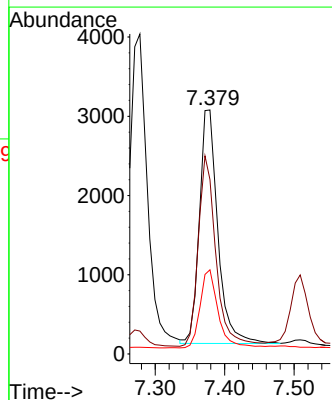
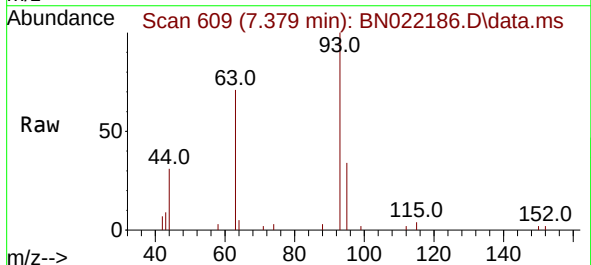
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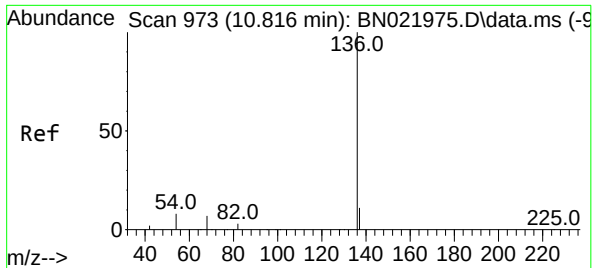
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.411 ng
RT: 7.379 min Scan# 609
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion: 93 Resp: 5449
Ion Ratio Lower Upper
93 100
63 77.8 64.8 97.2
95 32.8 26.6 40.0





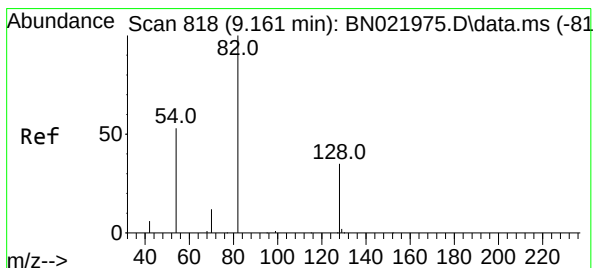
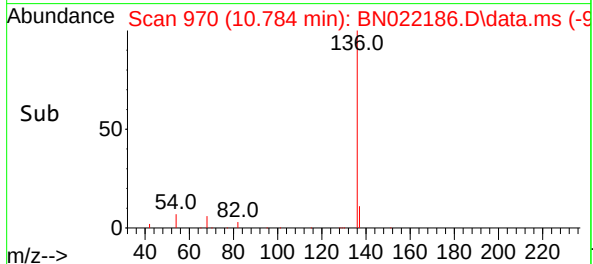
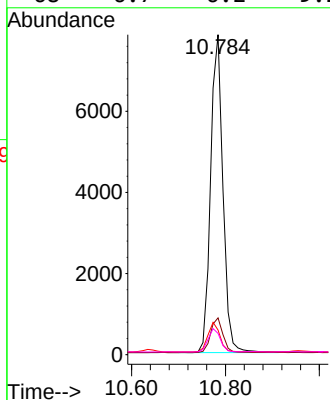
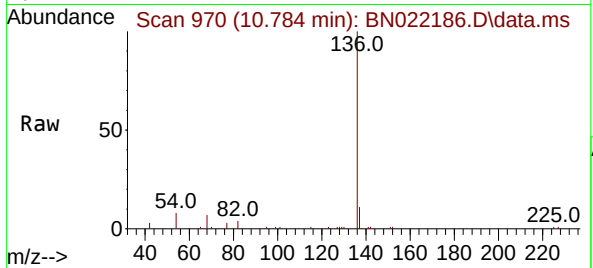
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Instrument :
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ClientSampleId :
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Tgt Ion:136	Resp:	1427
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	7.7	7.1 10.7
68	6.7	6.2 9.2

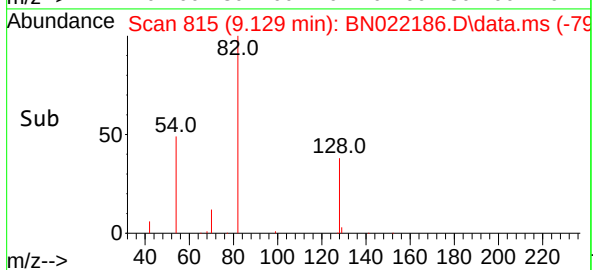
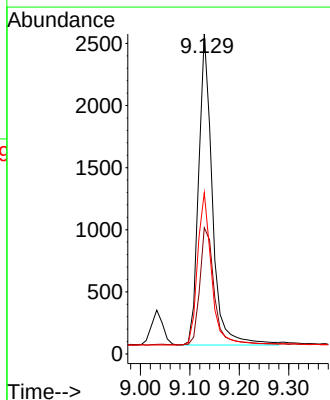
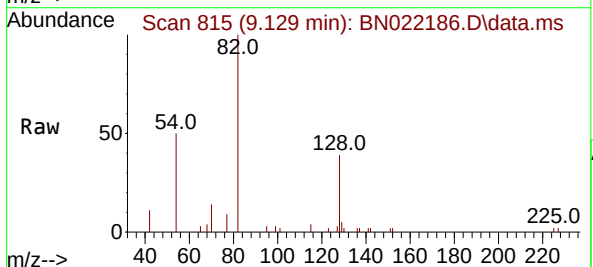
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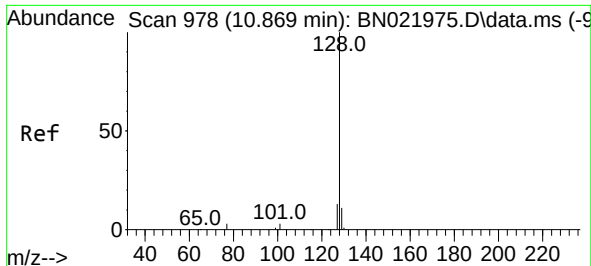
Reviewed By :Christian Giraldo 10/19/2022
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#8
Nitrobenzene-d5
Concen: 0.419 ng
RT: 9.129 min Scan# 815
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion: 82	Resp:	4809
Ion Ratio	Lower	Upper
82	100	
128	39.4	29.9 44.9
54	50.4	43.5 65.3





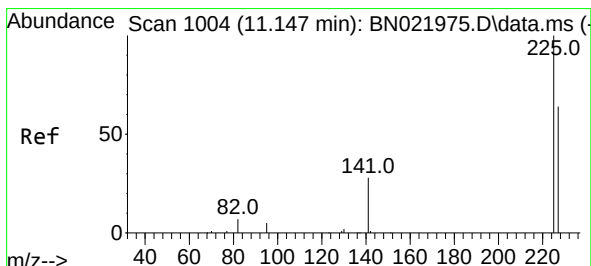
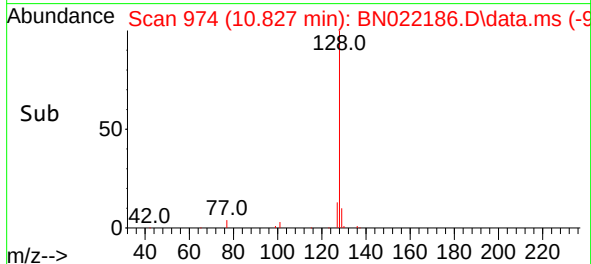
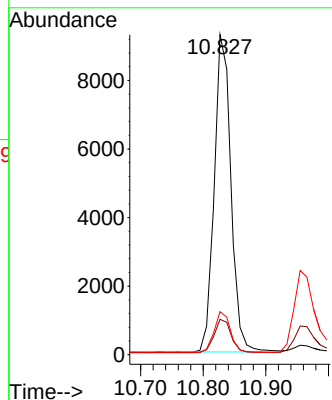
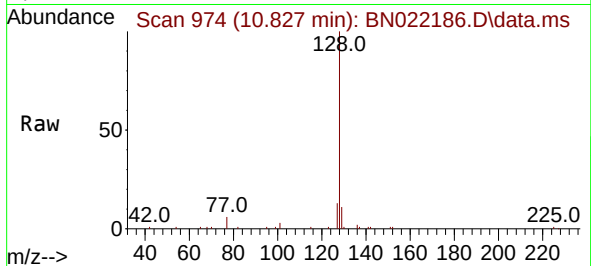
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Naphthalene
Concen: 0.398 ng
RT: 10.827 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Instrument :
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PB148416BSD

Tgt Ion:128 Resp: 17158
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.5 10.6 16.0

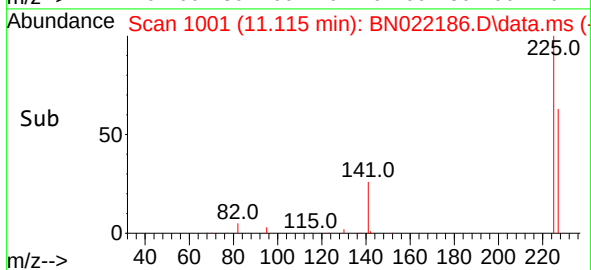
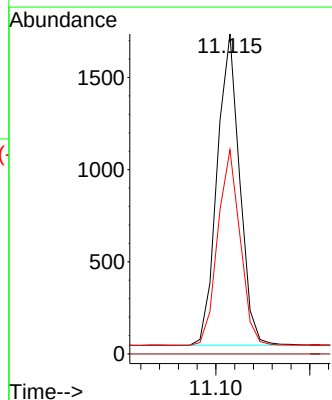
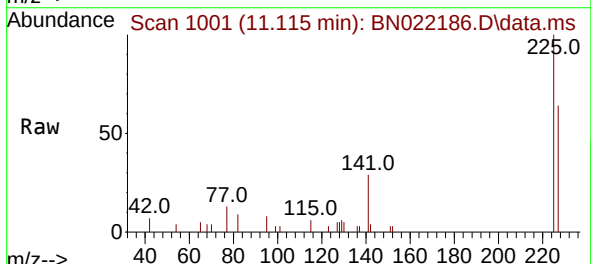
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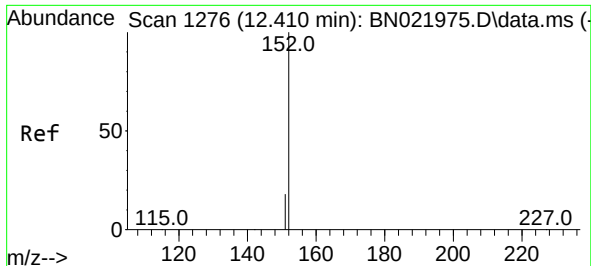
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.115 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion:225 Resp: 2812
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.7 51.3 76.9





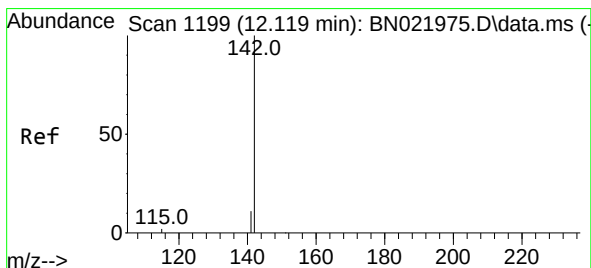
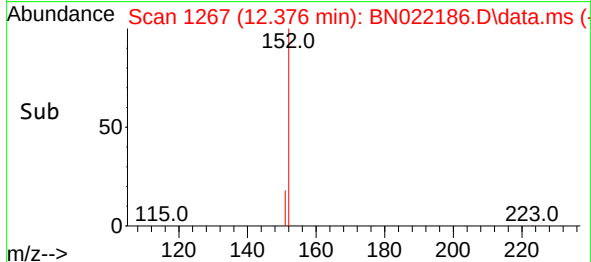
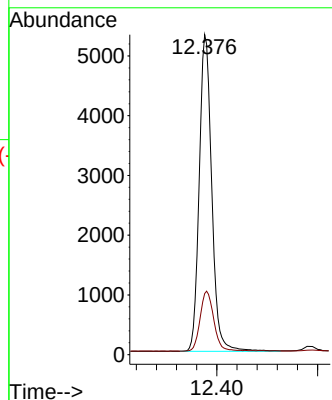
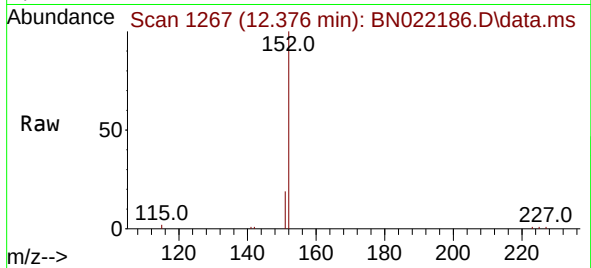
#11
2-Methylnaphthalene-d10
Concen: 0.374 ng
RT: 12.376 min Scan# 1189
Delta R.T. -0.004 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Instrument :
BNA_N
ClientSampleId :
PB148416BSD

Tgt Ion:152 Resp: 9800
Ion Ratio Lower Upper
152 100
151 19.1 13.8 20.6

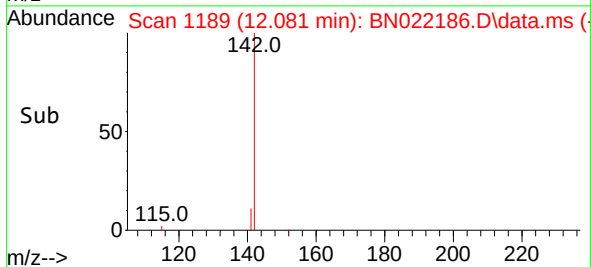
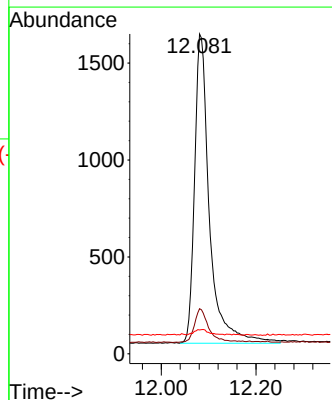
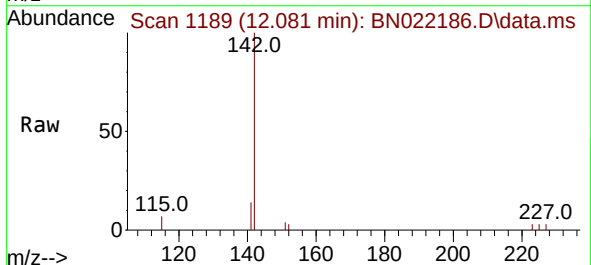
Manual Integrations
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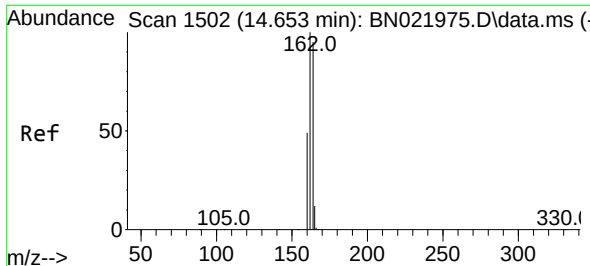
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#12
2-Methylnaphthalene
Concen: 0.544 ng
RT: 12.081 min Scan# 1189
Delta R.T. -0.004 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

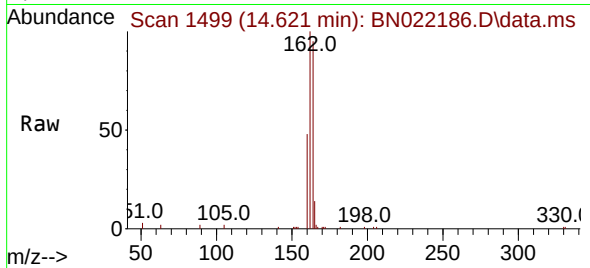
Tgt Ion:142 Resp: 3475
Ion Ratio Lower Upper
142 100
141 14.1 13.6 20.4
115 7.5 9.7 14.5#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

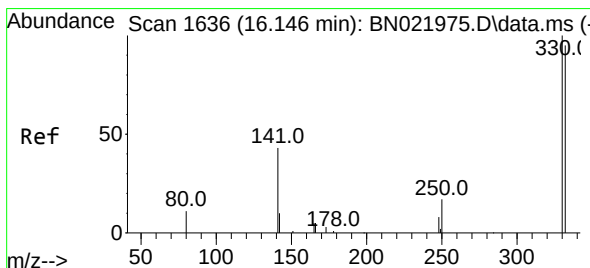
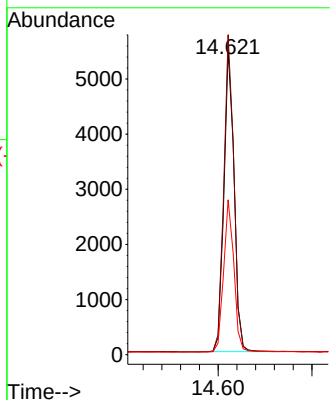
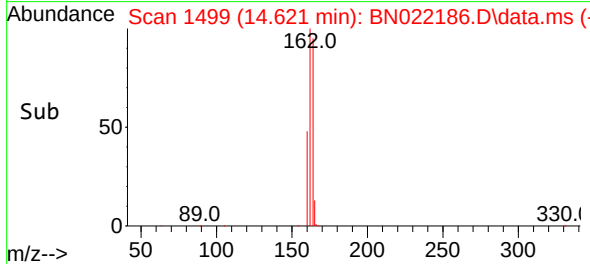
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ClientSampleId :
PB148416BSD



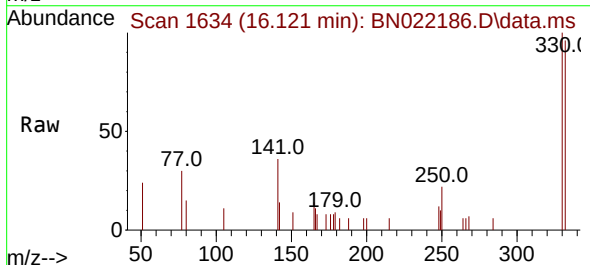
Tgt Ion:164 Resp: 825
Ion Ratio Lower Upper
164 100
162 104.8 84.3 126.5
160 50.7 41.7 62.5

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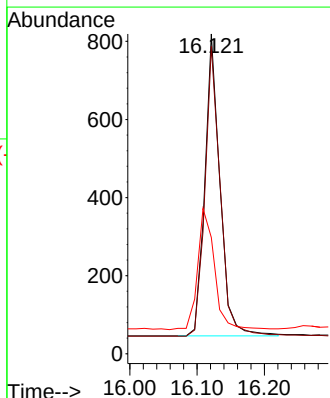
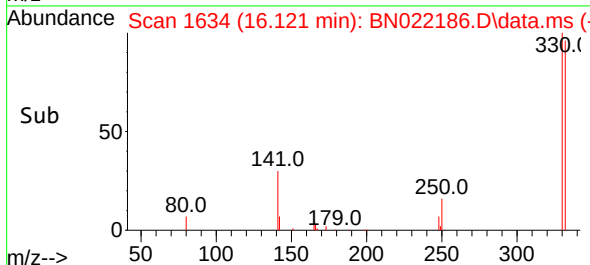
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

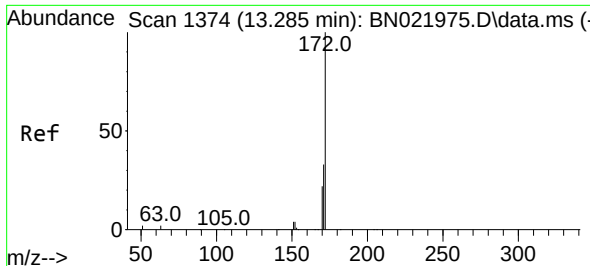


#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 16.121 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



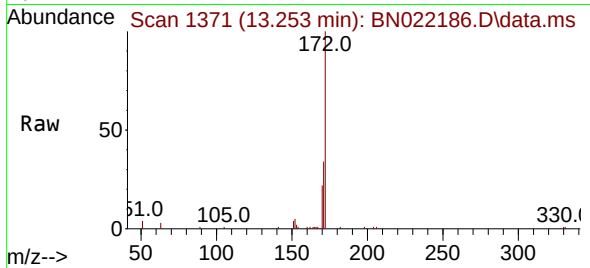
Tgt Ion:330 Resp: 1211
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 44.3 35.3 52.9





#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

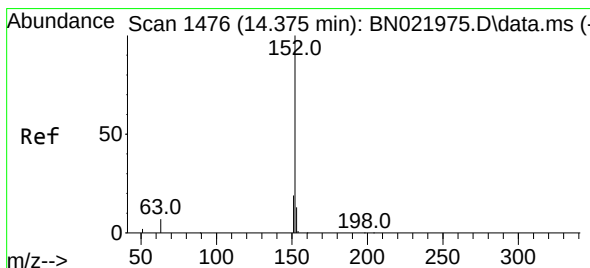
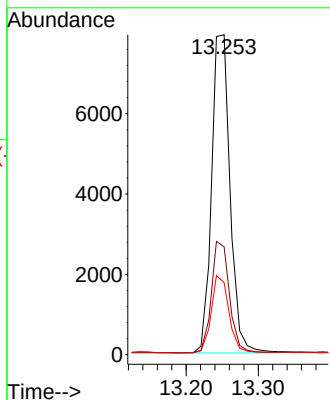
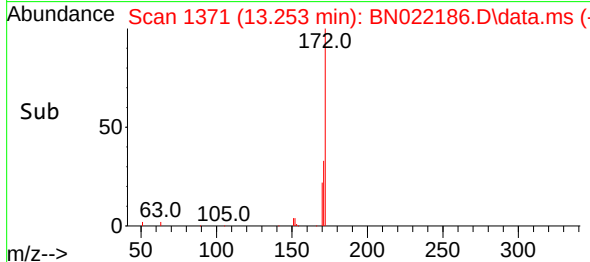
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



Tgt Ion:172 Resp: 14084
Ion Ratio Lower Upper
172 100
171 33.7 27.2 40.8
170 22.5 18.3 27.5

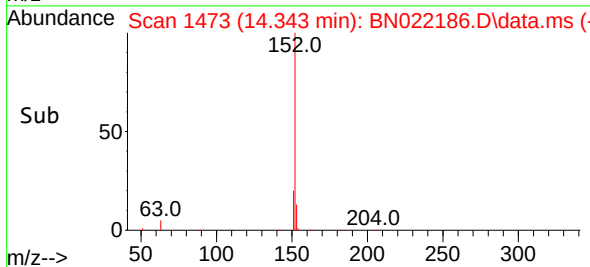
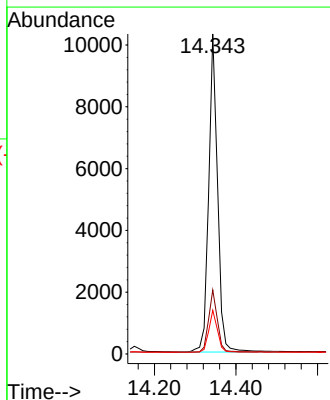
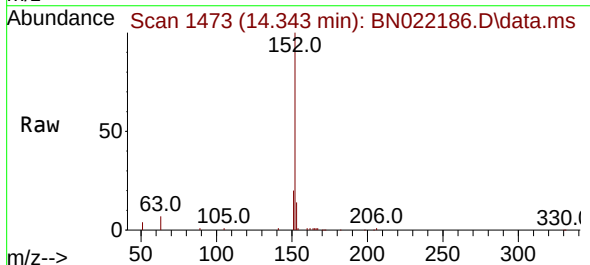
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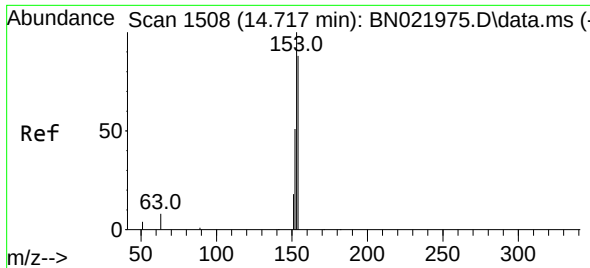
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.343 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

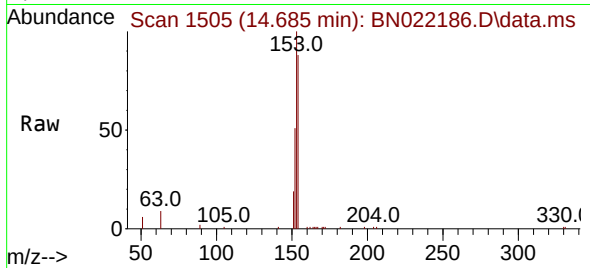
Tgt Ion:152 Resp: 15673
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.391 ng
RT: 14.685 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

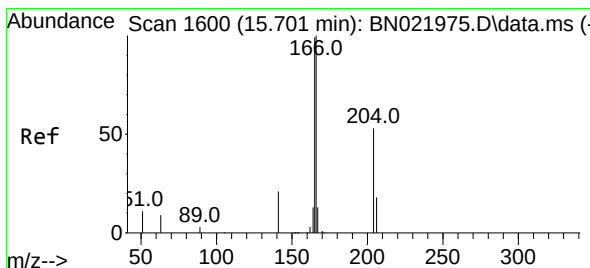
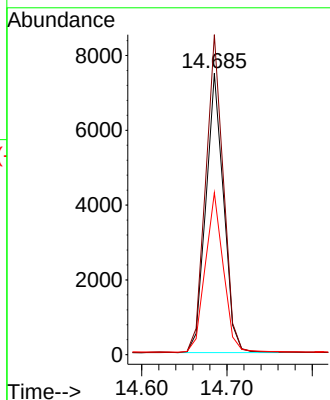
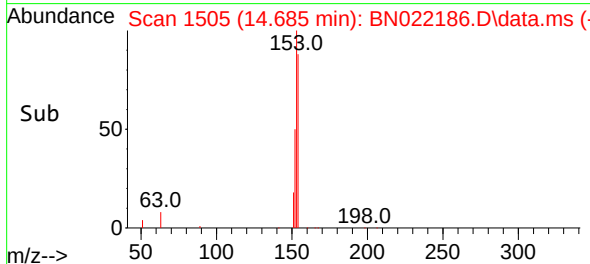
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



Tgt Ion:154 Resp: 10810
Ion Ratio Lower Upper
154 100
153 114.1 92.1 138.1
152 57.9 47.8 71.6

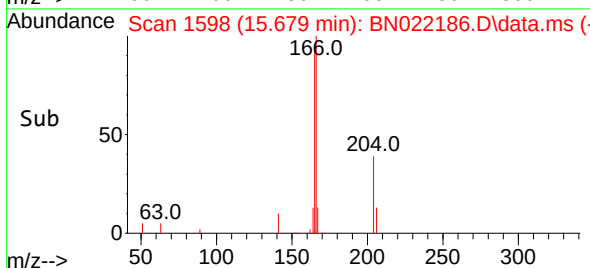
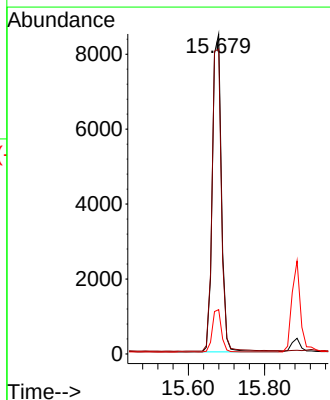
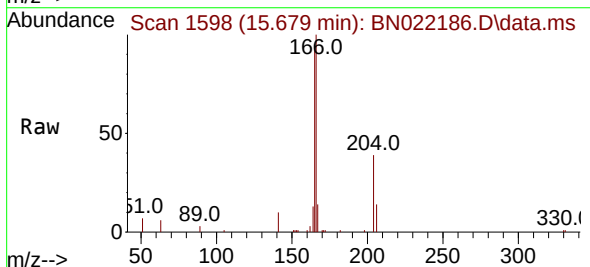
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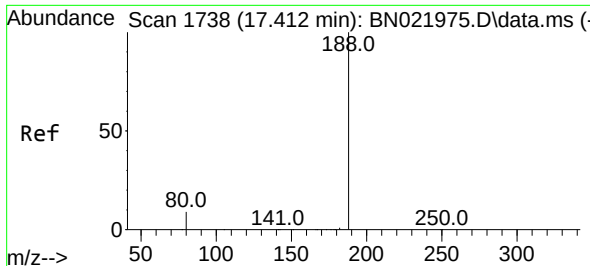
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#18
Fluorene
Concen: 0.450 ng
RT: 15.679 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

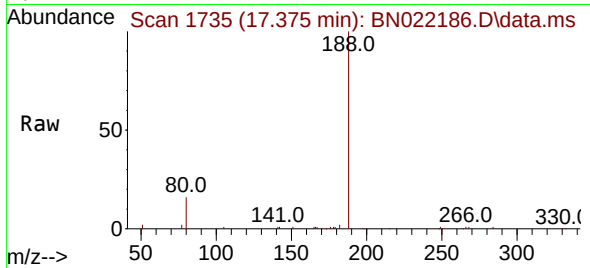
Tgt Ion:166 Resp: 14997
Ion Ratio Lower Upper
166 100
165 98.6 80.0 120.0
167 13.1 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

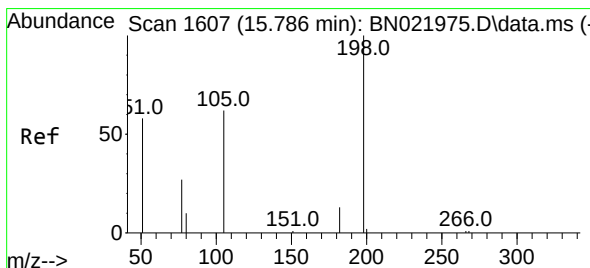
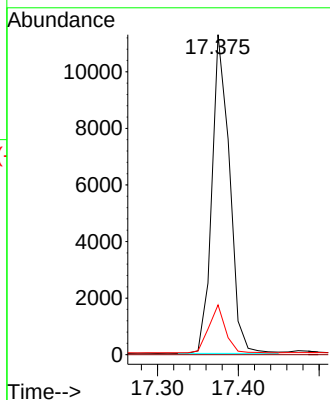
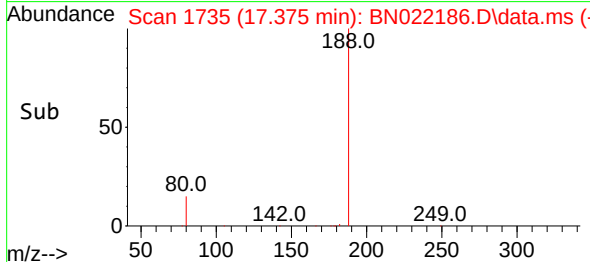
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



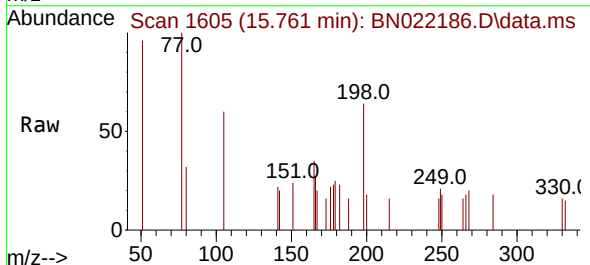
Tgt Ion:188 Resp: 17070
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 7.5 11.3

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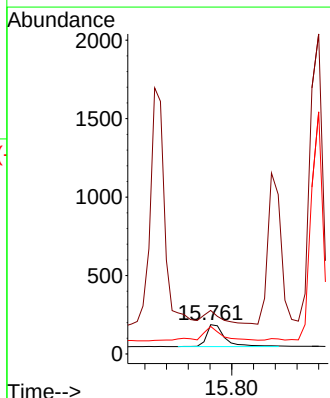
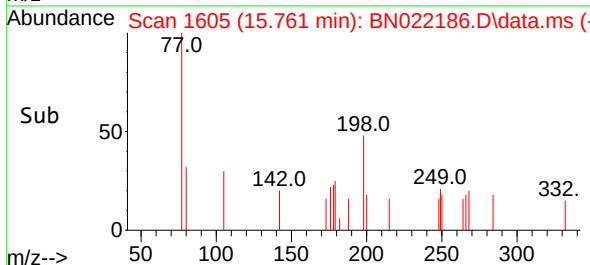
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

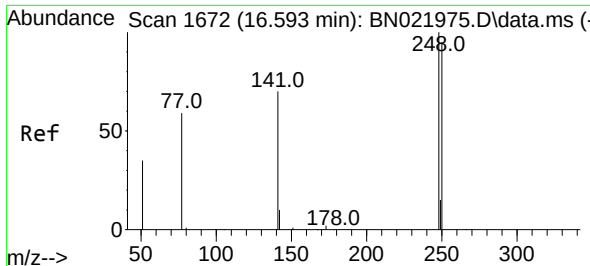


#20
4,6-Dinitro-2-methylphenol
Concen: 0.289 ng
RT: 15.761 min Scan# 1605
Delta R.T. -0.012 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



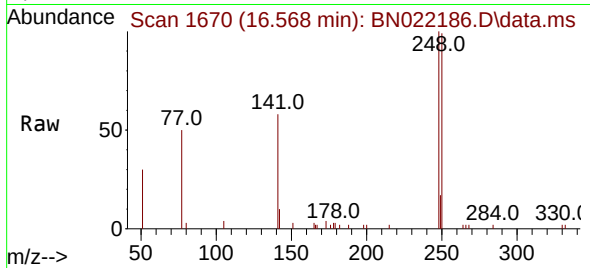
Tgt Ion:198 Resp: 325
Ion Ratio Lower Upper
198 100
51 148.7 96.6 144.8#
105 94.1 64.4 96.6





#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.568 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

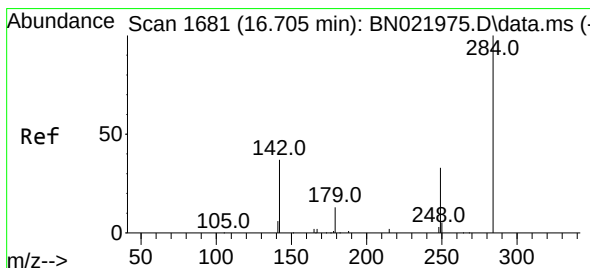
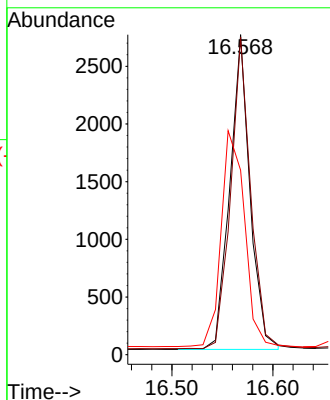
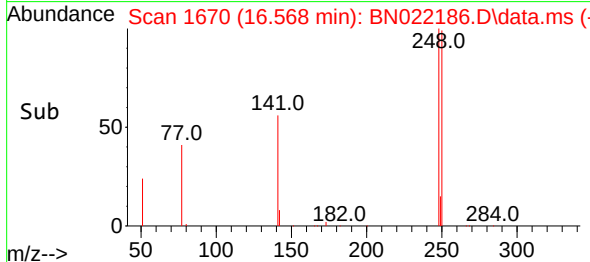
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



Tgt Ion:248 Resp: 3792
Ion Ratio Lower Upper
248 100
250 99.3 76.6 114.8
141 57.7 57.5 86.3

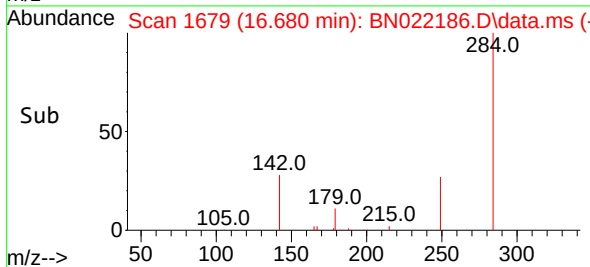
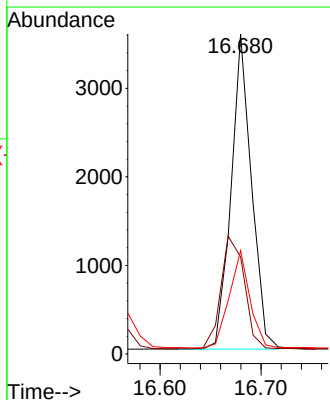
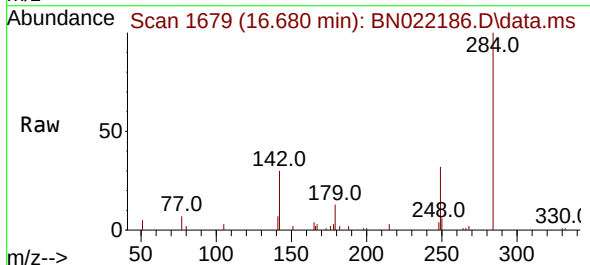
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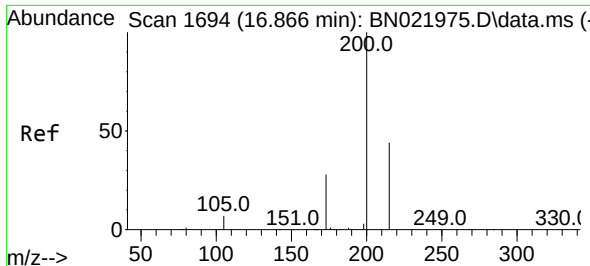
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#22
Hexachlorobenzene
Concen: 0.388 ng
RT: 16.680 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

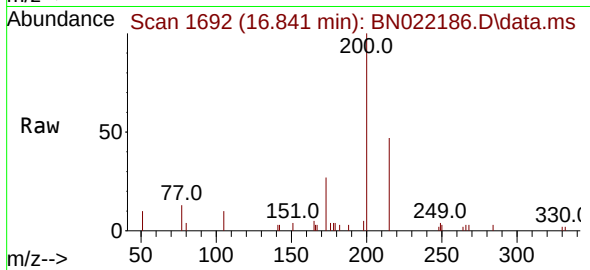
Tgt Ion:284 Resp: 5020
Ion Ratio Lower Upper
284 100
142 40.8 33.4 50.0
249 31.0 25.1 37.7





#23
Atrazine
Concen: 0.382 ng
RT: 16.841 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

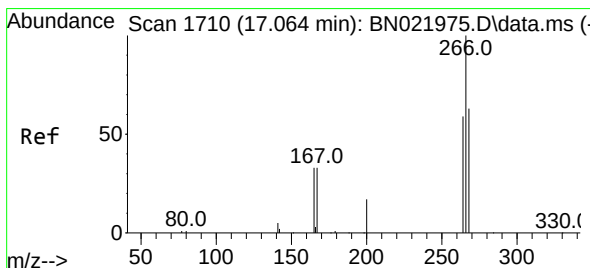
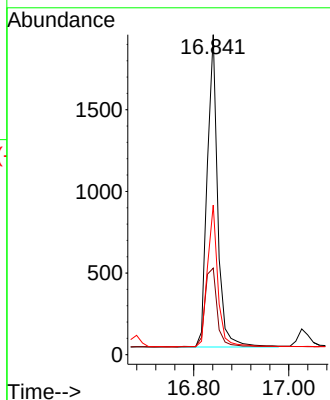
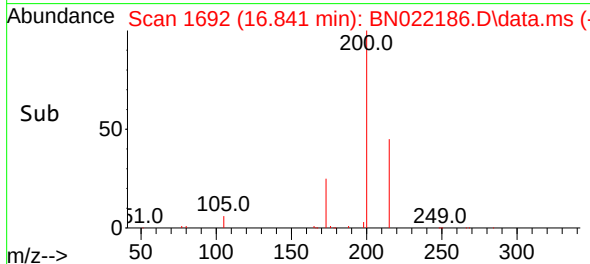
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



Tgt Ion:200 Resp: 2945
Ion Ratio Lower Upper
200 100
173 27.0 24.6 36.8
215 46.7 37.1 55.7

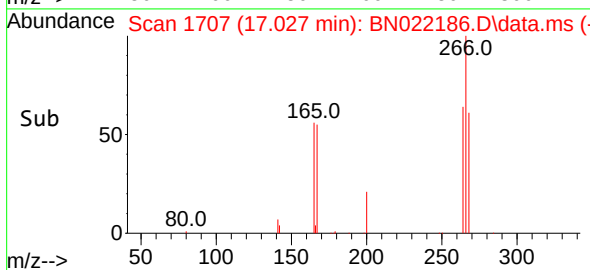
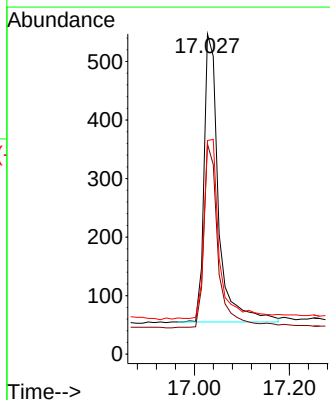
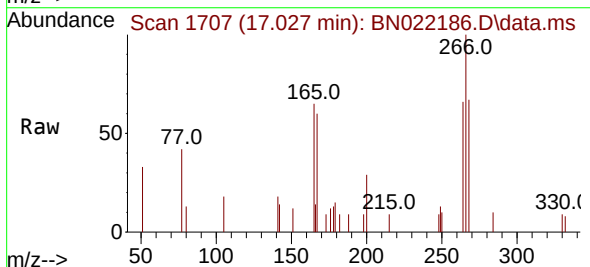
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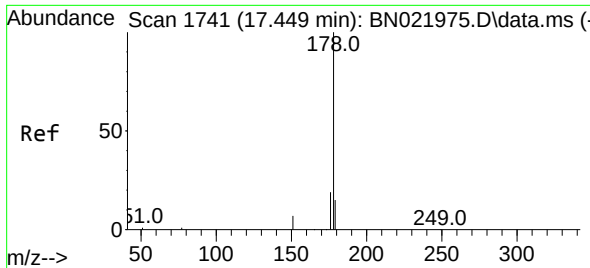
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#24
Pentachlorophenol
Concen: 0.264 ng
RT: 17.027 min Scan# 1707
Delta R.T. -0.012 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion:266 Resp: 1046
Ion Ratio Lower Upper
266 100
264 64.1 49.8 74.6
268 66.0 49.6 74.4





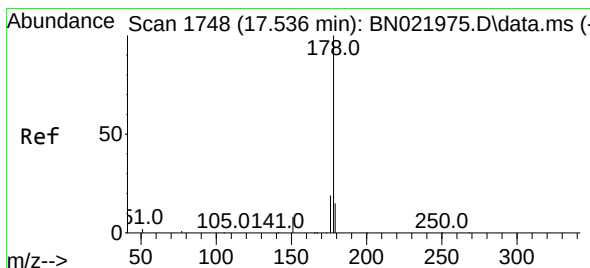
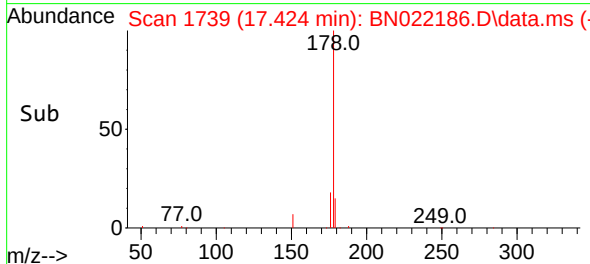
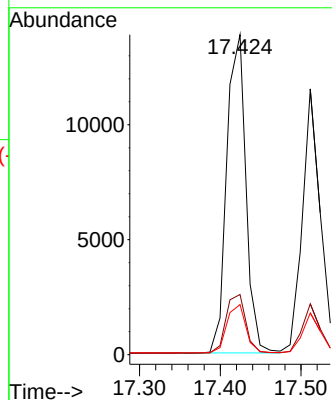
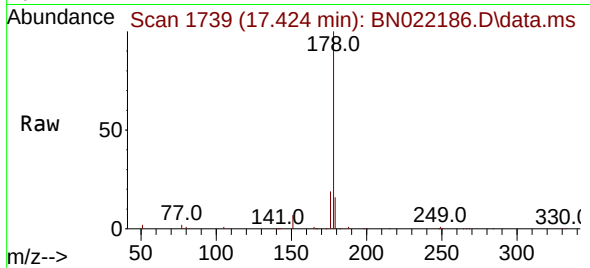
#25
Phenanthrene
Concen: 0.389 ng
RT: 17.424 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Instrument :
BNA_N
ClientSampleId :
PB148416BSD

Tgt Ion:178 Resp: 22808
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

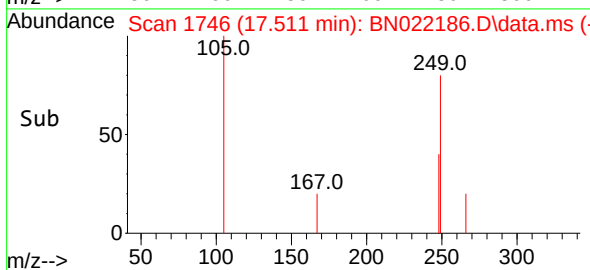
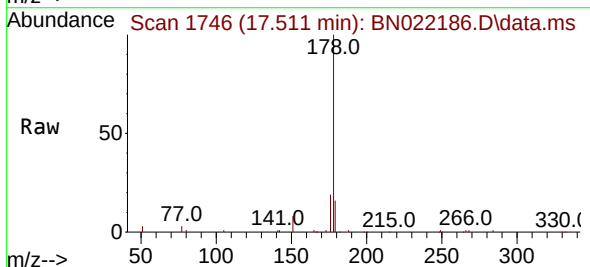
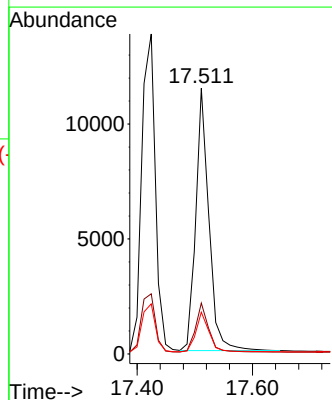
Manual Integrations
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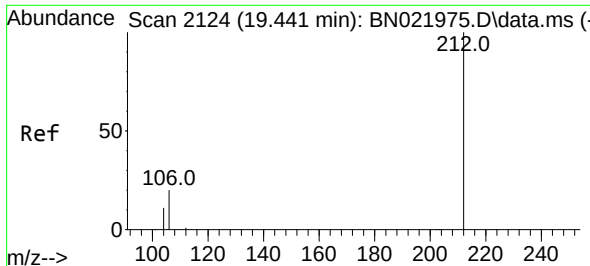
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#26
Anthracene
Concen: 0.384 ng
RT: 17.511 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

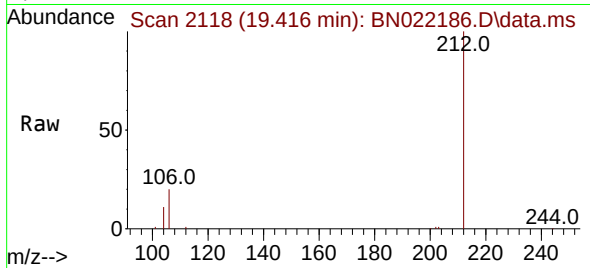
Tgt Ion:178 Resp: 18094
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.0 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.416 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

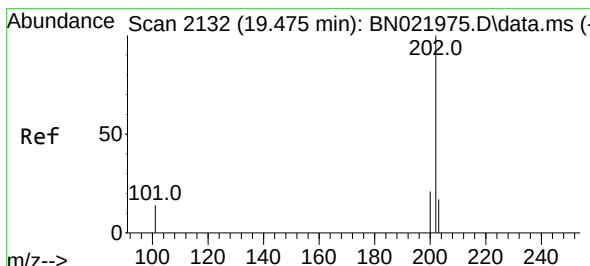
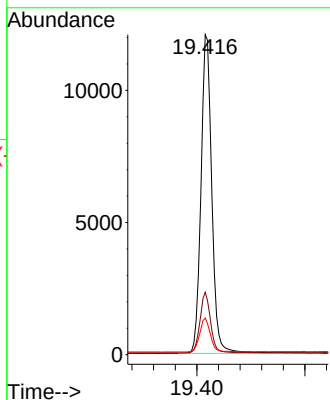
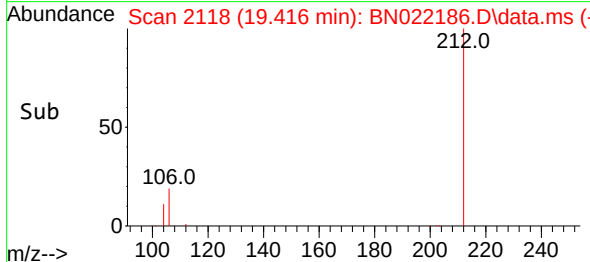
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



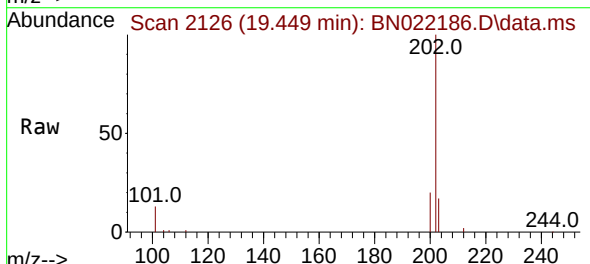
Tgt Ion:212 Resp: 16710
Ion Ratio Lower Upper
212 100
106 18.5 15.2 22.8
104 10.6 8.6 13.0

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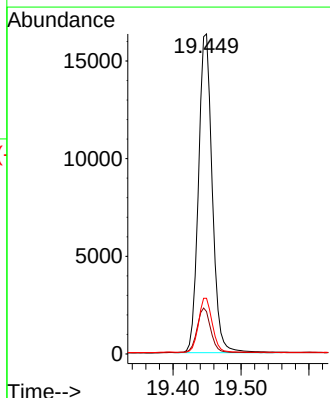
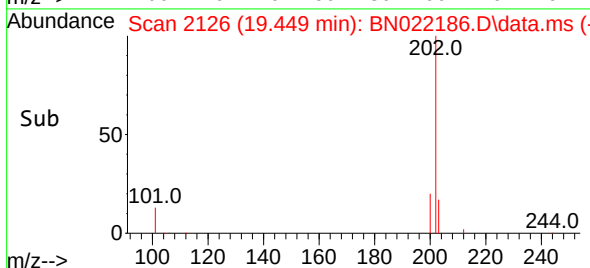
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

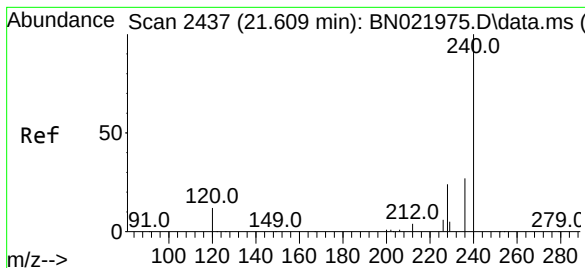


#28
Fluoranthene
Concen: 0.365 ng
RT: 19.449 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



Tgt Ion:202 Resp: 22957
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
203 16.9 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: BN022186.D

Acq: 18 Oct 2022 20:32

Instrument :

BNA_N

ClientSampleId :

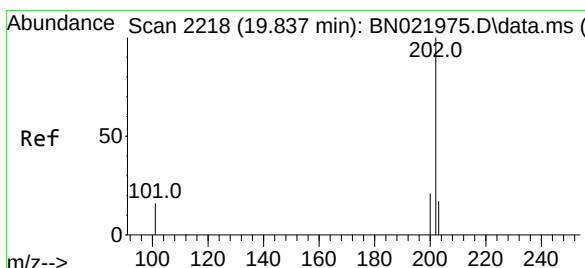
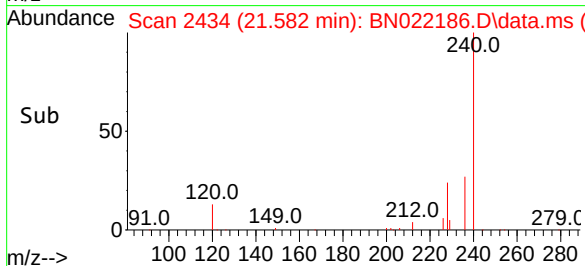
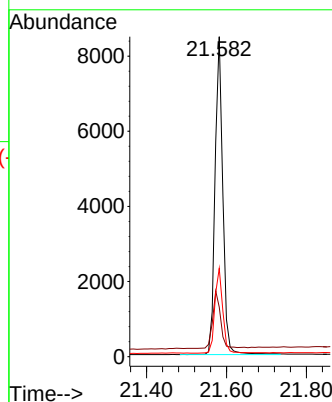
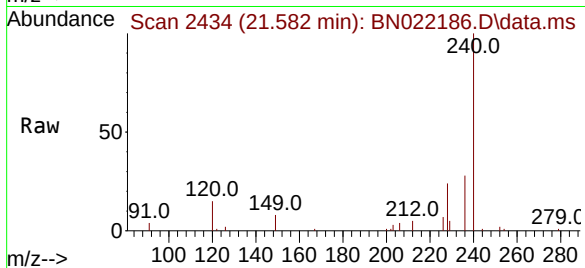
PB148416BSD

Tgt Ion:240	Resp:	11410
Ion Ratio	Lower	Upper
240	100	
120	15.5	11.8 17.6
236	27.6	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: 0.453 ng

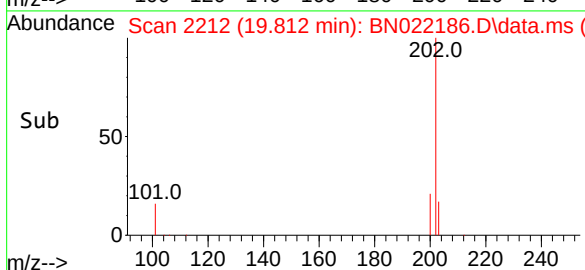
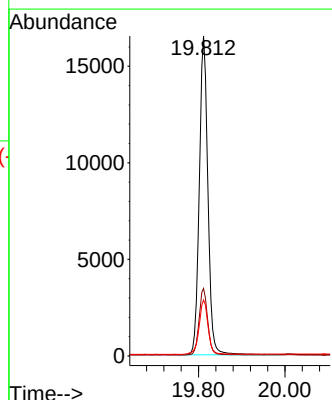
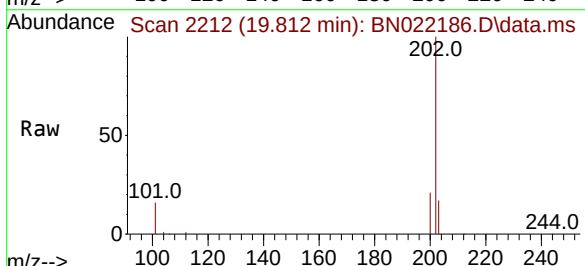
RT: 19.812 min Scan# 2212

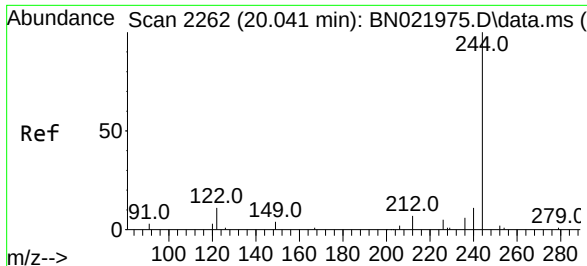
Delta R.T. 0.000 min

Lab File: BN022186.D

Acq: 18 Oct 2022 20:32

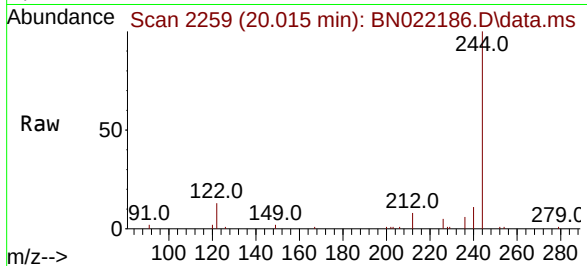
Tgt Ion:202	Resp:	22705
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.6 25.0
203	17.8	14.1 21.1





#31
Terphenyl-d14
Concen: 0.455 ng
RT: 20.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

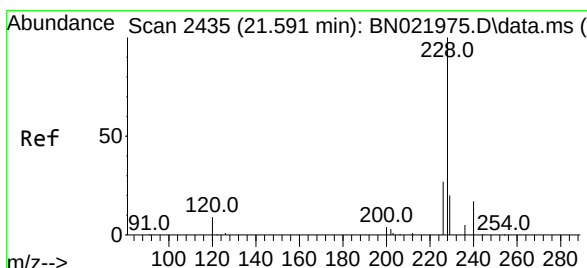
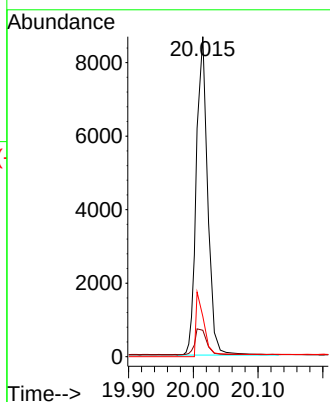
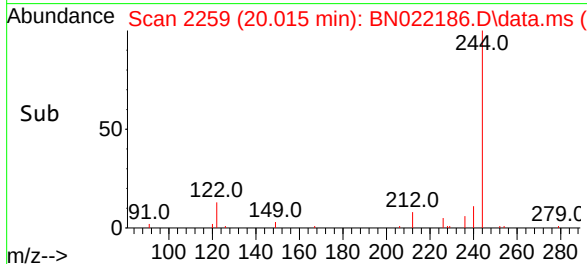
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



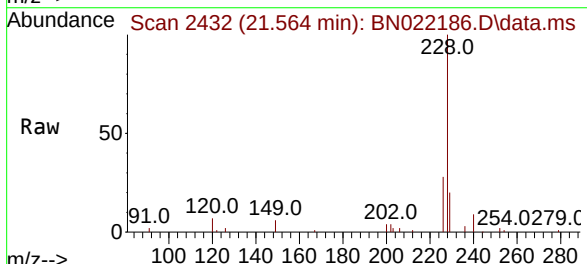
Tgt Ion:244 Resp: 10440
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 12.5 9.1 13.7

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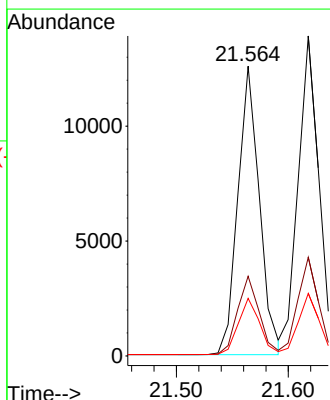
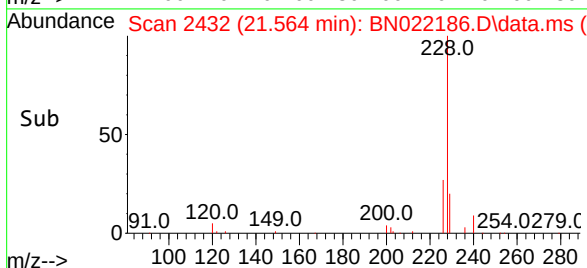
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

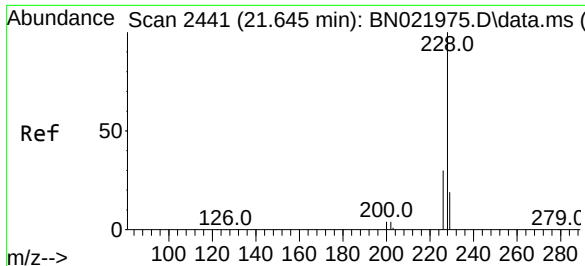


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.564 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



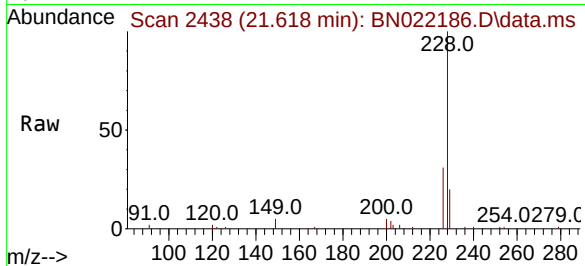
Tgt Ion:228 Resp: 16817
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.9 16.2 24.2





#33
Chrysene
Concen: 0.379 ng
RT: 21.618 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

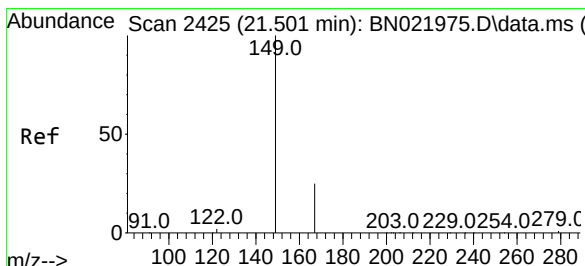
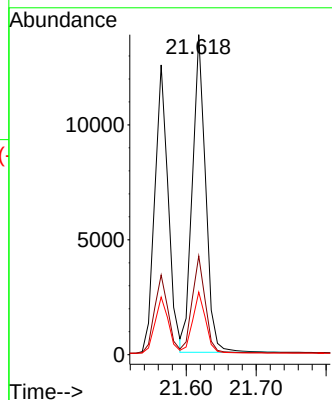
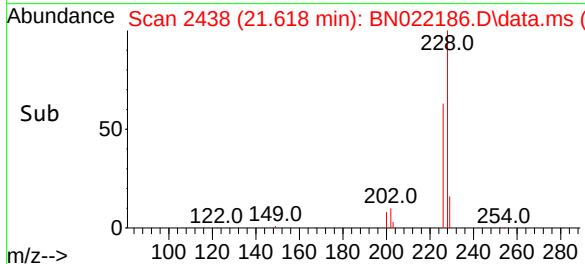
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



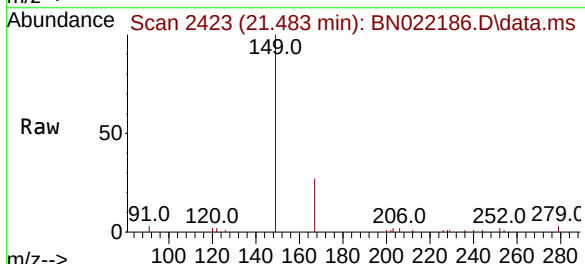
Tgt Ion:228 Resp: 18064
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 19.6 15.8 23.6

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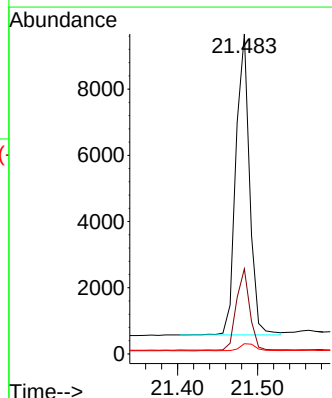
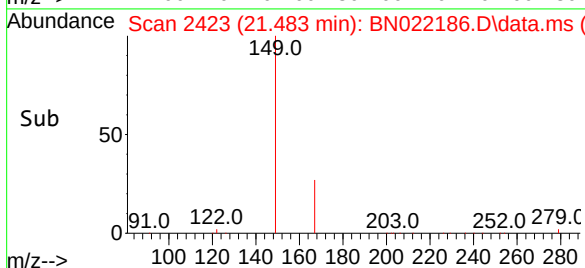
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

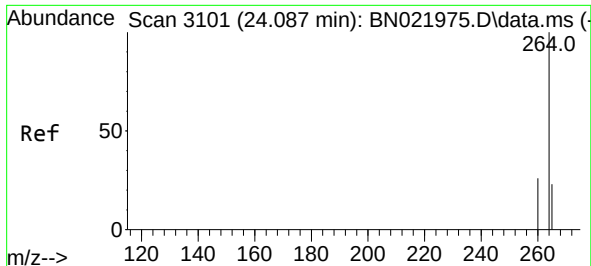


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.526 ng
RT: 21.483 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



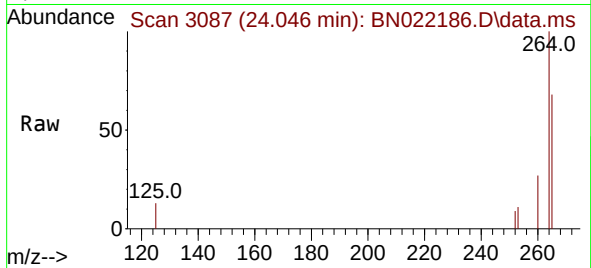
Tgt Ion:149 Resp: 10826
Ion Ratio Lower Upper
149 100
167 26.2 20.2 30.4
279 2.7 2.3 3.5





#35
Perylene-d12
Concen: 0.400 ng
RT: 24.046 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

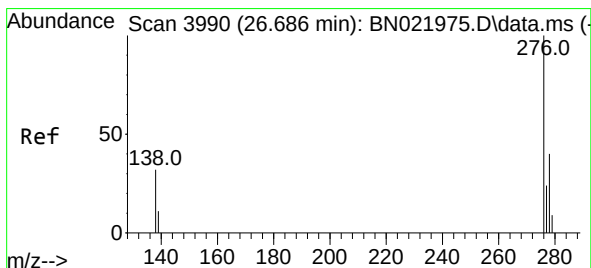
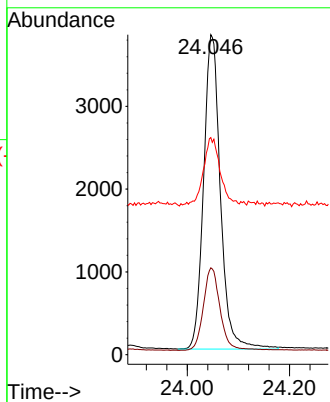
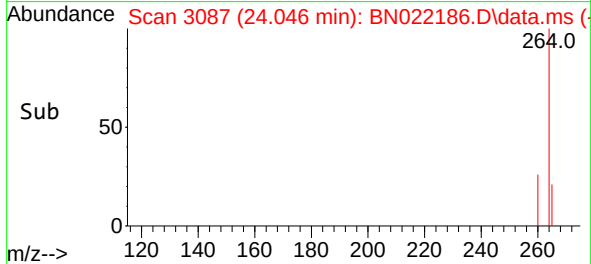
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



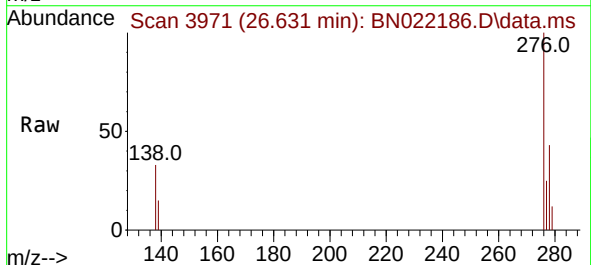
Tgt Ion:264 Resp: 866
Ion Ratio Lower Upper
264 100
260 27.1 21.3 31.9
265 67.9 63.0 94.4

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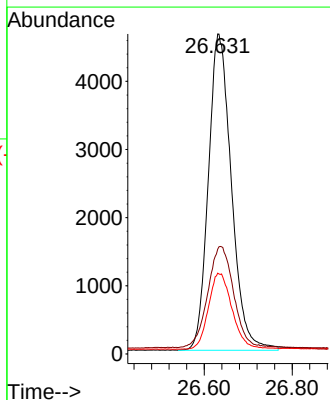
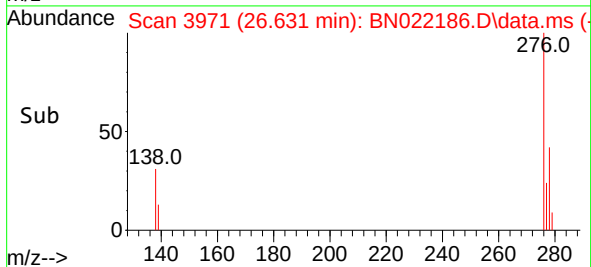
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

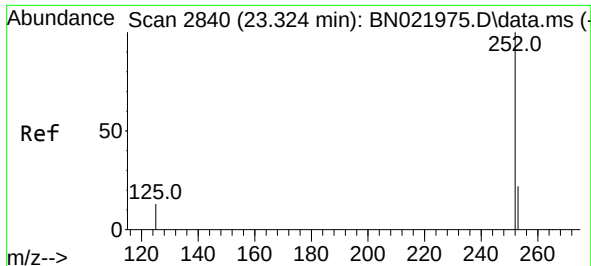


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.631 min Scan# 3971
Delta R.T. -0.006 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32



Tgt Ion:276 Resp: 16872
Ion Ratio Lower Upper
276 100
138 35.8 28.0 42.0
277 24.7 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.391 ng m

RT: 23.289 min Scan# 2828

Delta R.T. -0.003 min

Lab File: BN022186.D

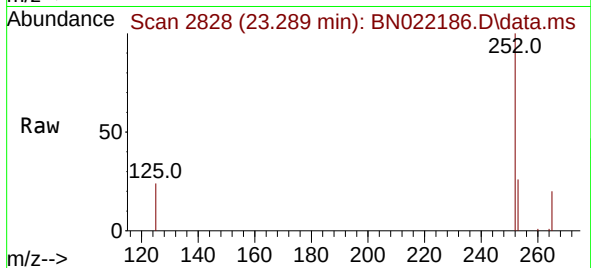
Acq: 18 Oct 2022 20:32

Instrument :

BNA_N

ClientSampleId :

PB148416BSD



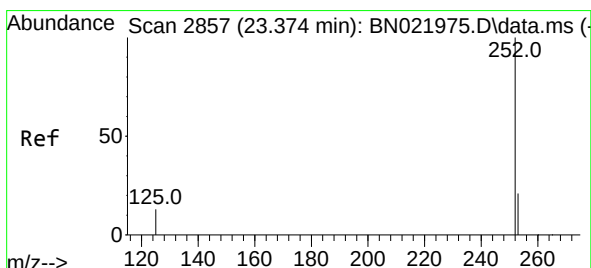
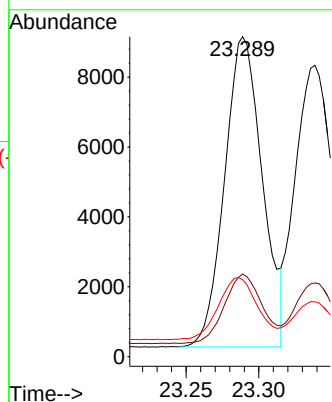
Tgt Ion:252 Resp: 1604

Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.6	31.0
125	24.0	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: 0.367 ng

RT: 23.339 min Scan# 2845

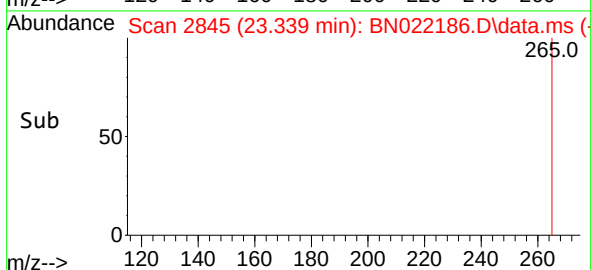
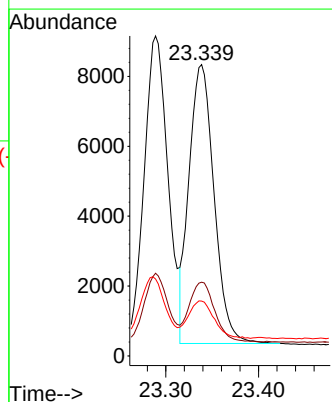
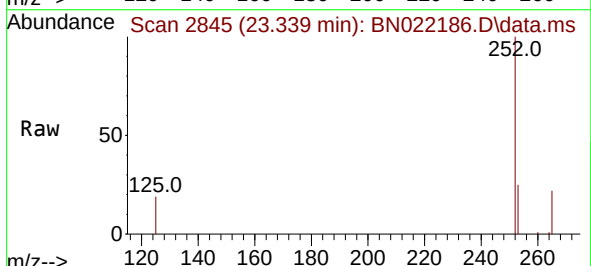
Delta R.T. -0.003 min

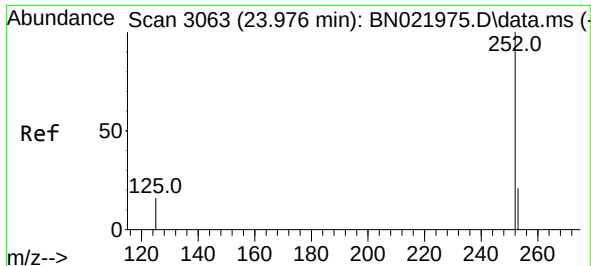
Lab File: BN022186.D

Acq: 18 Oct 2022 20:32

Tgt Ion:252 Resp: 14996

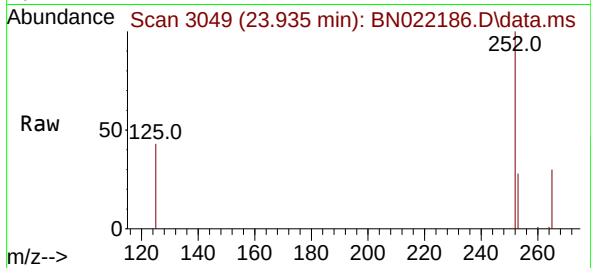
Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.4	30.6
125	18.8	15.8	23.6





#39
Benzo(a)pyrene
Concen: 0.412 ng
RT: 23.935 min Scan# 3063
Delta R.T. -0.003 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

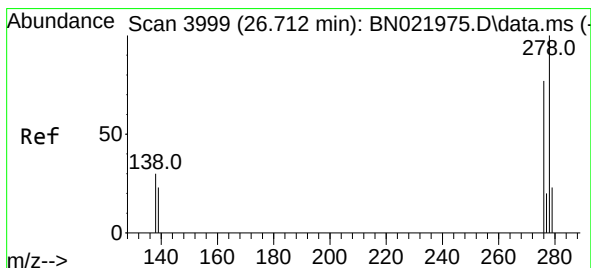
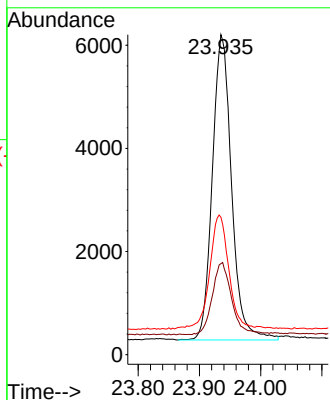
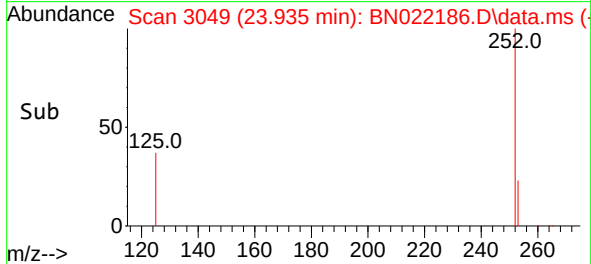
Instrument :
BNA_N
ClientSampleId :
PB148416BSD



Tgt Ion:252 Resp: 1289
Ion Ratio Lower Upper
252 100
253 28.5 23.2 34.8
125 42.9 21.1 31.7

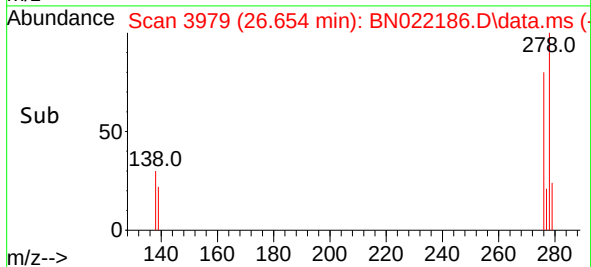
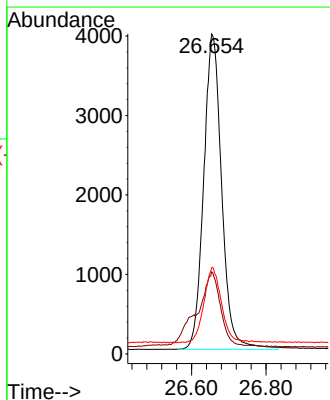
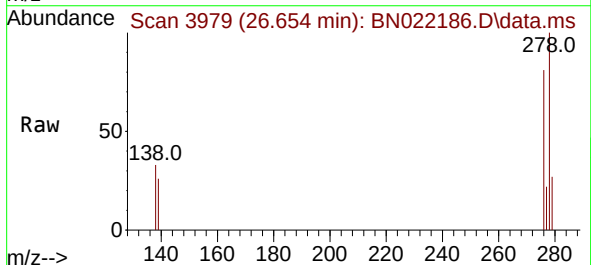
Manual Integrations
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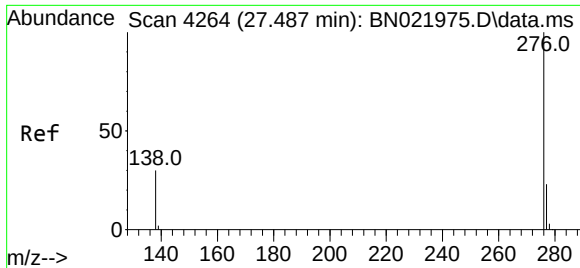
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 26.654 min Scan# 3979
Delta R.T. -0.006 min
Lab File: BN022186.D
Acq: 18 Oct 2022 20:32

Tgt Ion:278 Resp: 13324
Ion Ratio Lower Upper
278 100
139 25.6 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: BN022186.D

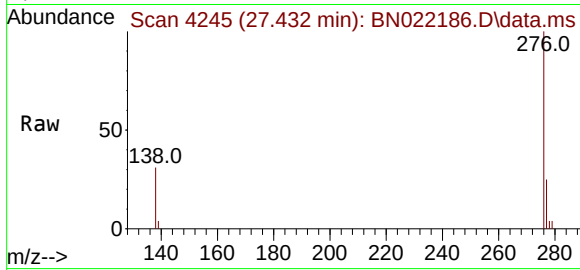
Acq: 18 Oct 2022 20:32

Instrument :

BNA_N

ClientSampleId :

PB148416BSD



Tgt Ion:276 Resp: 13299

Ion Ratio Lower Upper

276 100

277 25.2 20.0 30.0

138 31.0 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/19/2022

Supervised By :mohammad ahmed 10/20/2022

