

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019691.D
 Acq On : 05 May 2022 08:27
 Operator : CG/JU
 Sample : N2680-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 B4-0-2

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 08:56:30 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5569	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	16581	0.400	ng	0.00
13) Acenaphthene-d10	14.474	164	8827	0.400	ng	-0.01
19) Phenanthrene-d10	17.215	188	16278	0.400	ng	0.00
29) Chrysene-d12	21.405	240	11328	0.400	ng	# 0.00
35) Perylene-d12	23.747	264	10034	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	6209	0.478	ng	0.00
5) Phenol-d6	7.024	99	7403	0.465	ng	0.00
8) Nitrobenzene-d5	9.003	82	5420m	0.403	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	11584	0.429	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	1145	0.351	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	15148	0.398	ng	0.00
27) Fluoranthene-d10	19.249	212	17126	0.379	ng	0.00
31) Terphenyl-d14	19.847	244	10189	0.384	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.256	178	19168m	0.355	ng	
26) Anthracene	17.349	178	2944	0.064	ng	# 91
28) Fluoranthene	19.278	202	37892	0.672	ng	99
30) Pyrene	19.641	202	34118	0.729	ng	96
32) Benzo(a)anthracene	21.387	228	15530	0.387	ng	98
33) Chrysene	21.440	228	16247	0.370	ng	97
34) Bis(2-ethylhexyl)phtha...	21.324	149	3050	0.144	ng	99
36) Indeno(1,2,3-cd)pyrene	26.150	276	9555	0.210	ng	95
37) Benzo(b)fluoranthene	23.036	252	19708	0.475	ng	99
38) Benzo(k)fluoranthene	23.074	252	7355m	0.168	ng	
39) Benzo(a)pyrene	23.641	252	13645	0.434	ng	94
40) Dibenzo(a,h)anthracene	26.162	278	2336	0.063	ng	# 70
41) Benzo(g,h,i)perylene	26.890	276	10087	0.274	ng	98

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

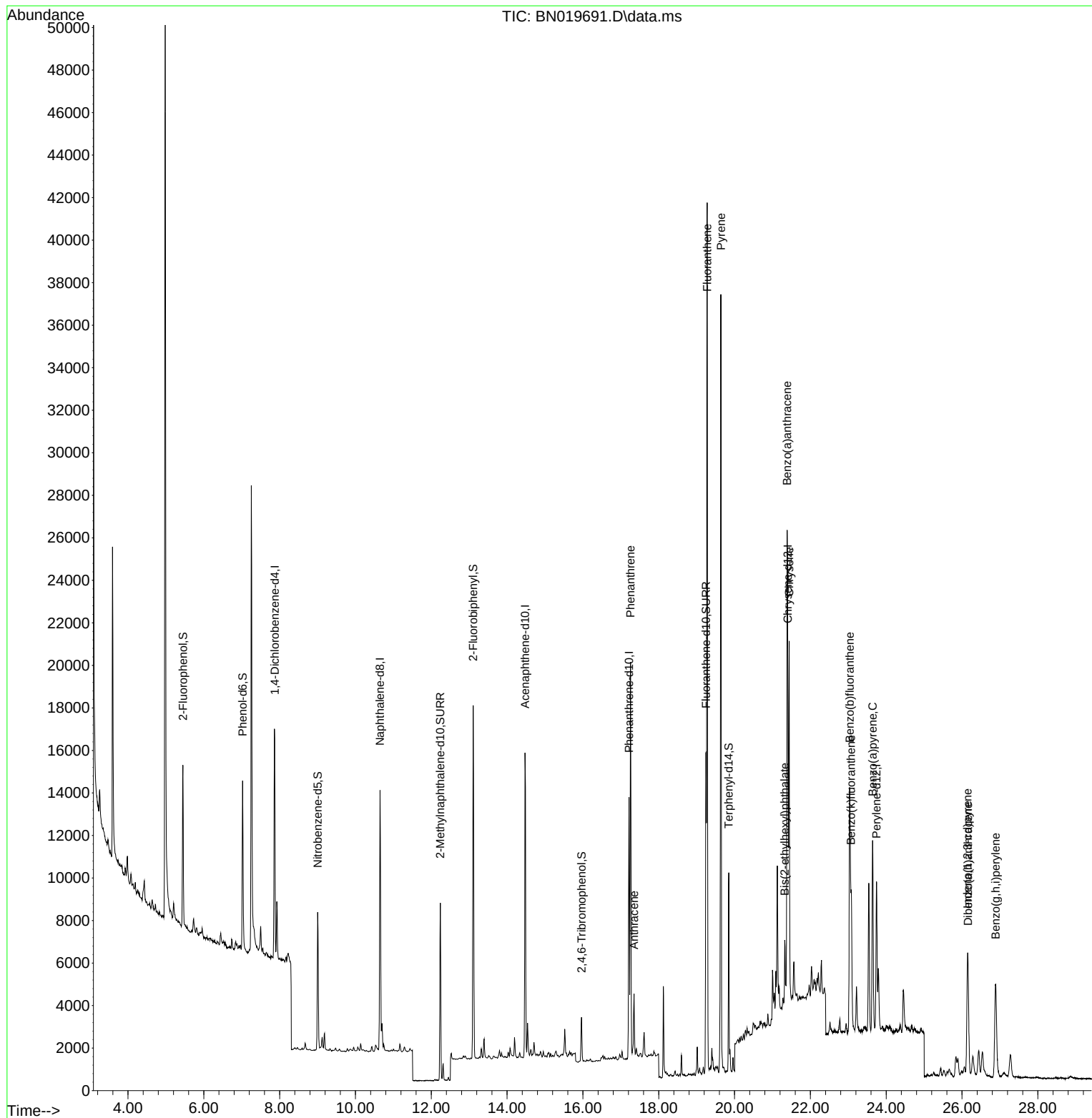
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019691.D
Acq On : 05 May 2022 08:27
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Sample : N2680-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

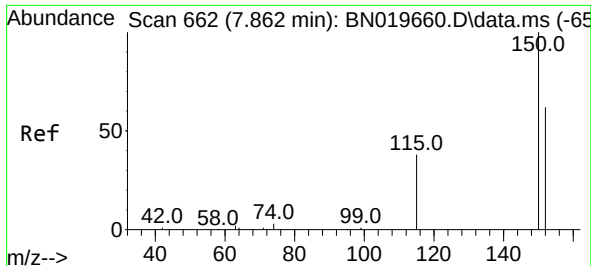
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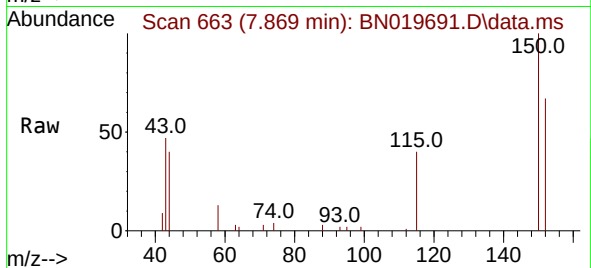
Quant Time: May 05 08:56:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 15:20:22 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

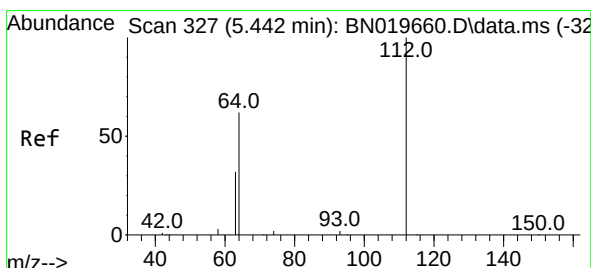
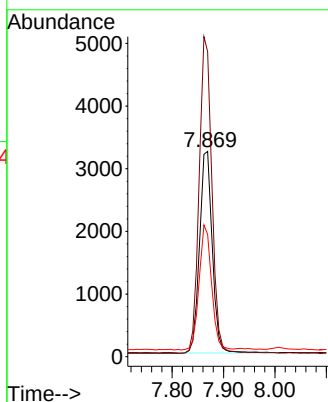
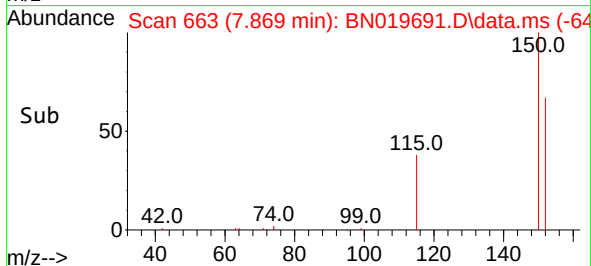
Instrument :
BNA_N
ClientSampleId :
B4-0-2



Tgt Ion:152 Resp: 5569
Ion Ratio Lower Upper
152 100
150 148.6 122.6 183.8
115 59.6 49.0 73.6

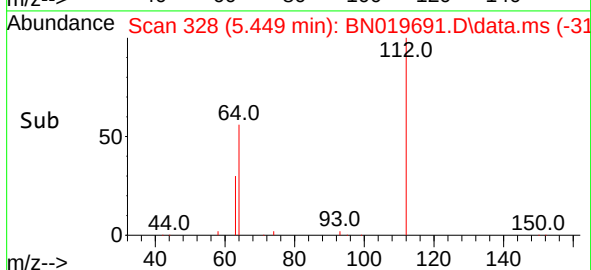
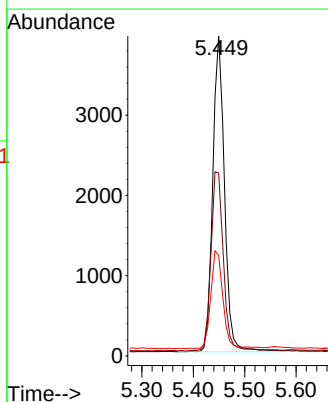
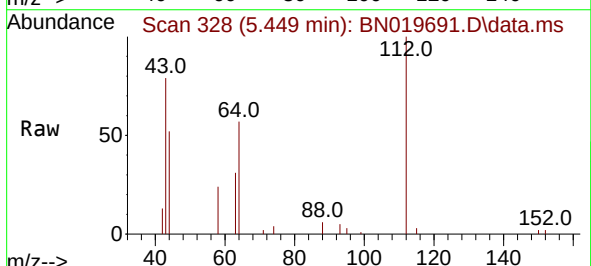
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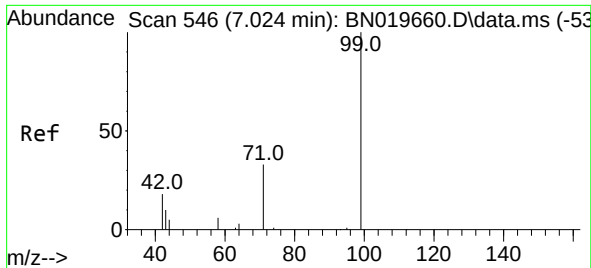
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#4
2-Fluorophenol
Concen: 0.478 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

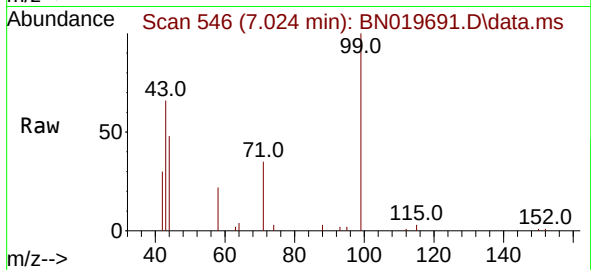
Tgt Ion:112 Resp: 6209
Ion Ratio Lower Upper
112 100
64 60.9 47.3 70.9
63 31.7 24.6 36.8





#5
Phenol-d6
Concen: 0.465 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

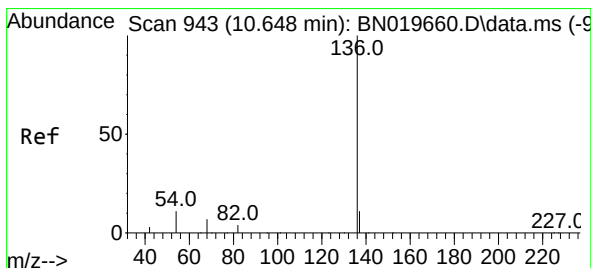
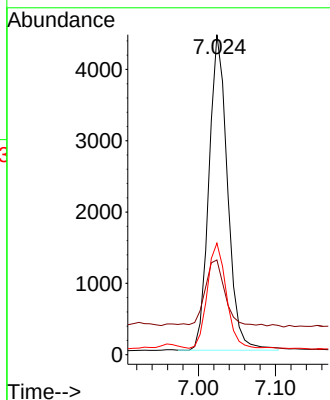
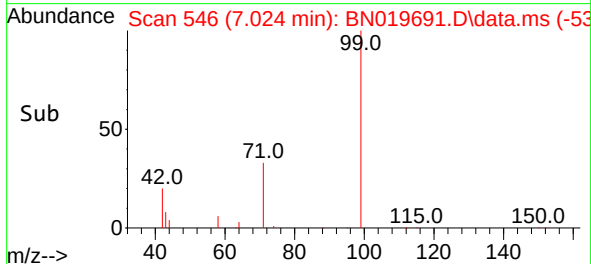
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BNA_N
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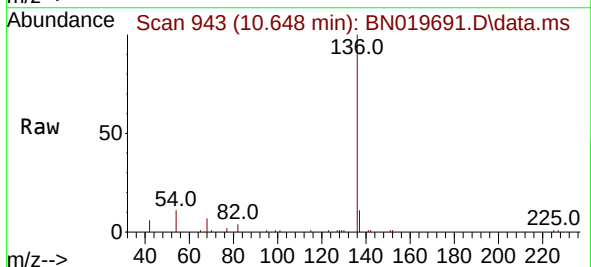
Tgt Ion: 99 Resp: 740
Ion Ratio Lower Upper
99 100
42 21.4 15.8 23.8
71 34.0 26.5 39.7

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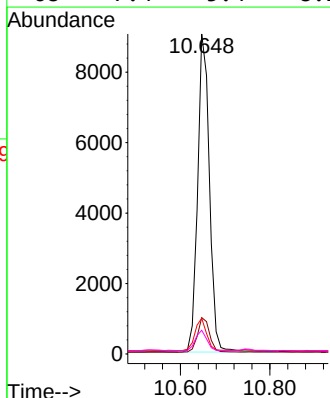
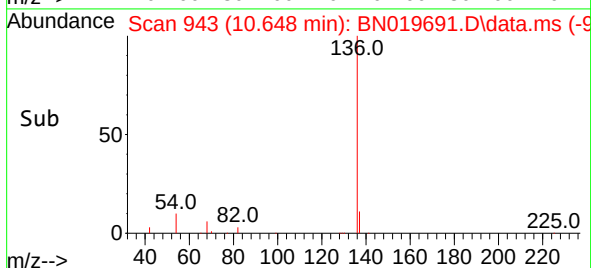
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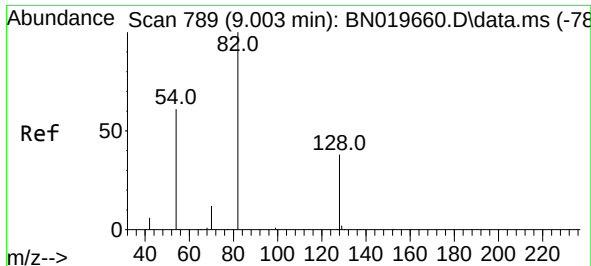


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



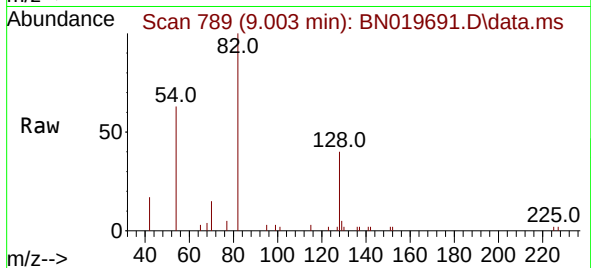
Tgt Ion:136 Resp: 16581
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.2 7.8 11.6
68 7.4 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.403 ng m
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

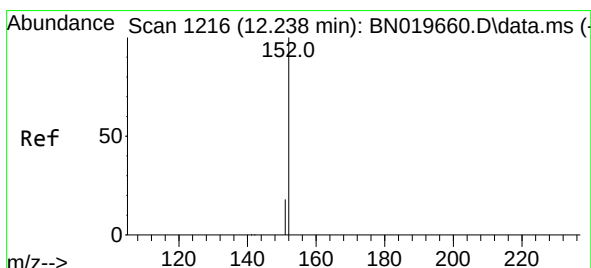
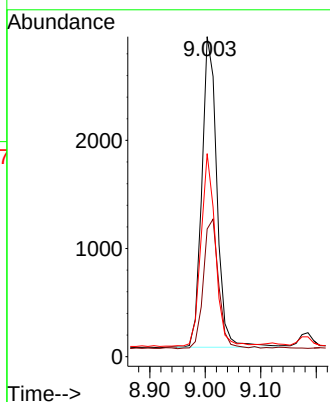
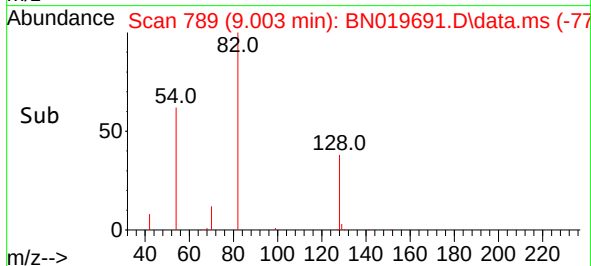
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 5420
Ion Ratio Lower Upper
82 100
128 39.9 32.4 48.6
54 63.5 44.4 66.6

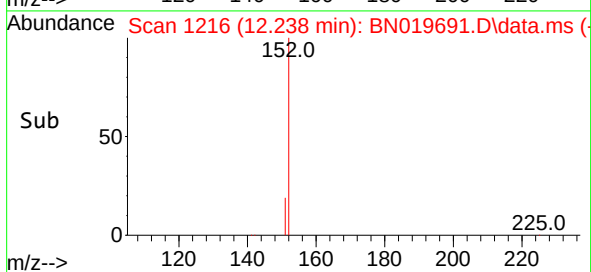
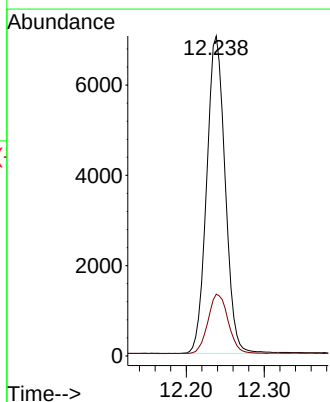
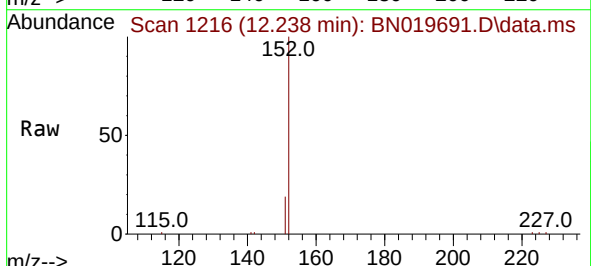
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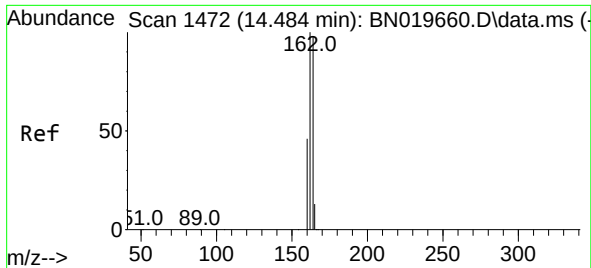
Reviewed By :Christian Giraldo 05/05/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.429 ng
RT: 12.238 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

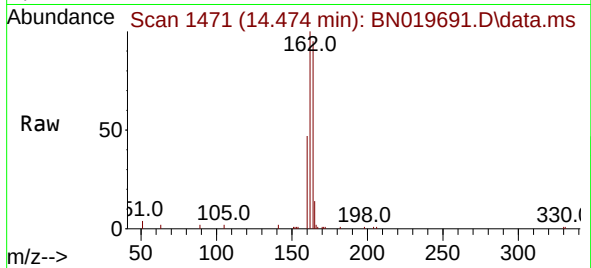
Tgt Ion:152 Resp: 11584
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

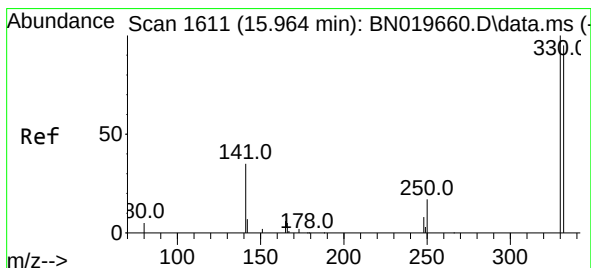
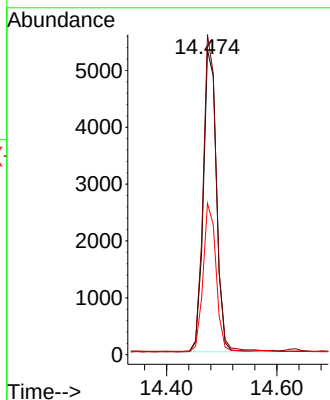
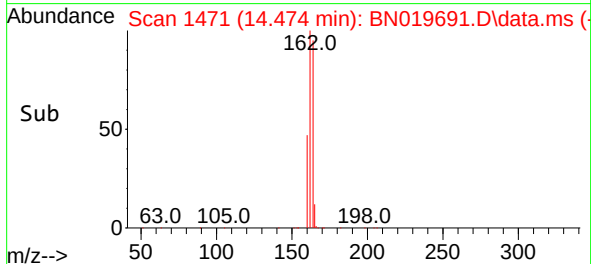
Instrument :
BNA_N
ClientSampleId :
B4-0-2



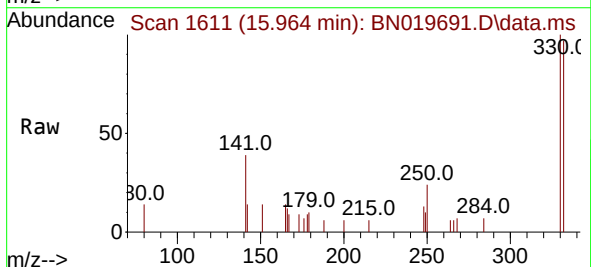
Tgt Ion:164 Resp: 882
Ion Ratio Lower Upper
164 100
162 105.0 81.8 122.6
160 49.7 38.3 57.5

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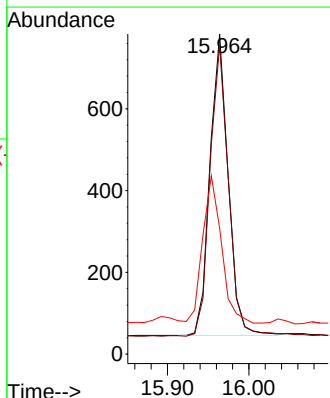
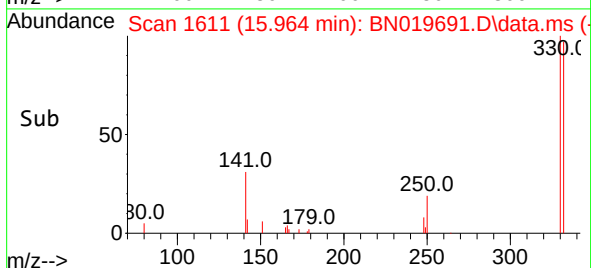
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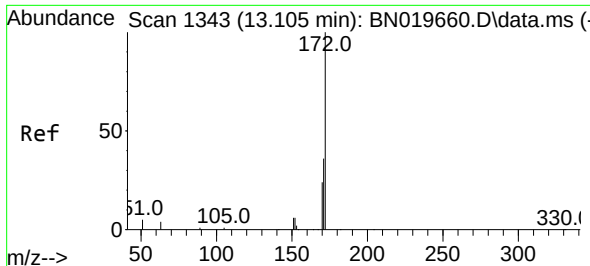


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



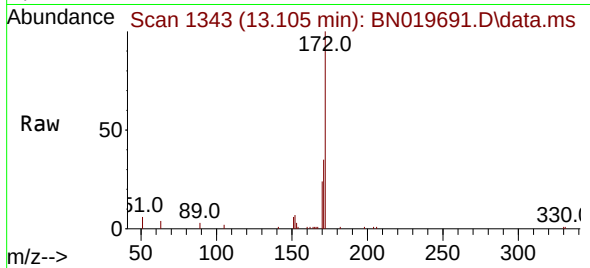
Tgt Ion:330 Resp: 1145
Ion Ratio Lower Upper
330 100
332 98.6 76.2 114.4
141 50.5 39.7 59.5





#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.105 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

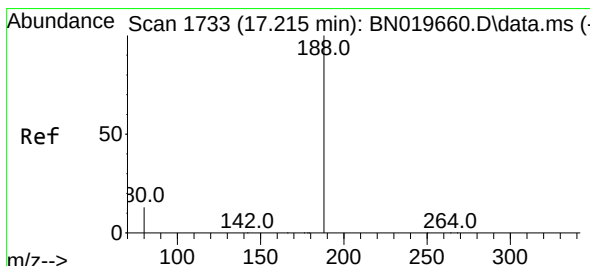
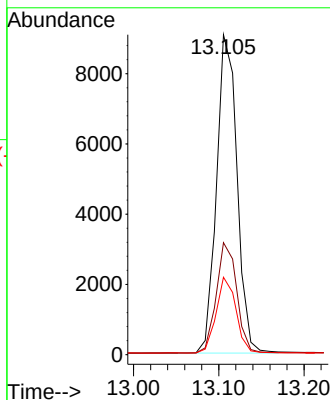
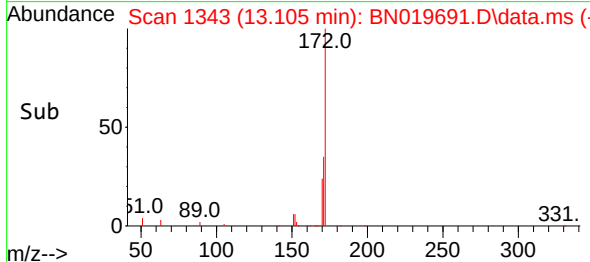
Instrument :
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B4-0-2



Tgt Ion:172 Resp: 15148
Ion Ratio Lower Upper
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171 35.0 28.0 42.0
170 24.2 19.0 28.4

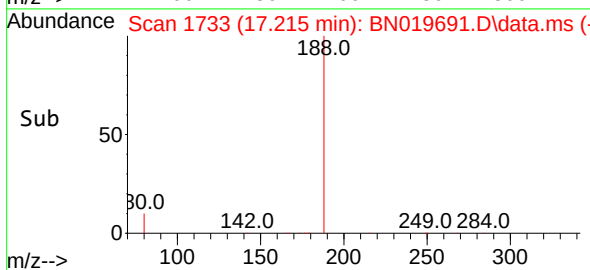
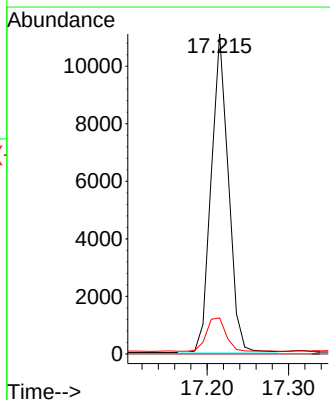
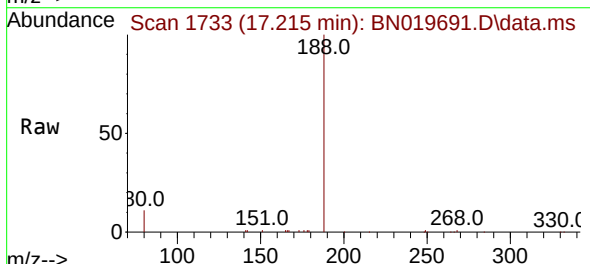
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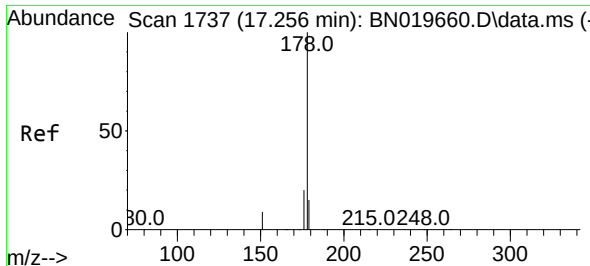
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

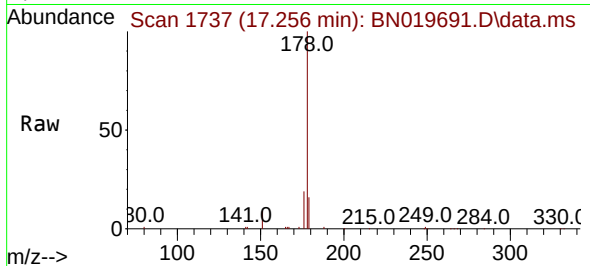
Tgt Ion:188 Resp: 16278
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 8.6 12.8





#25
Phenanthrene
Concen: 0.355 ng m
RT: 17.256 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

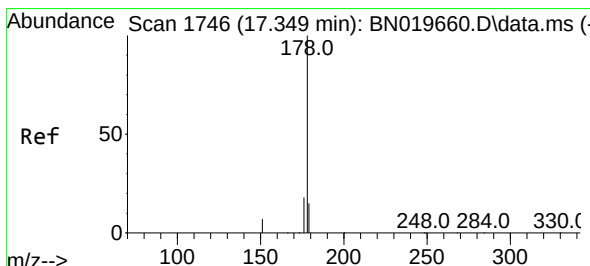
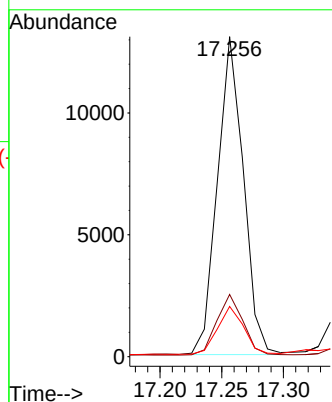
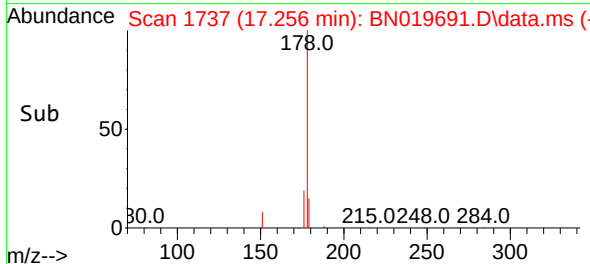
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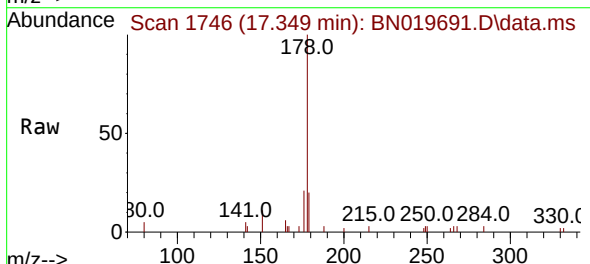
Tgt Ion:178 Resp: 1916
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.7 12.1 18.1

Manual Integrations
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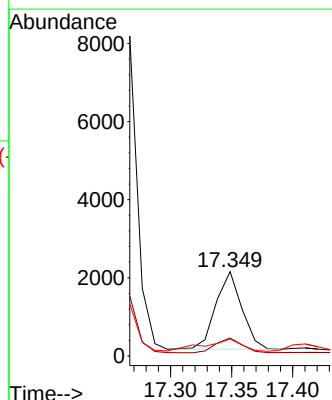
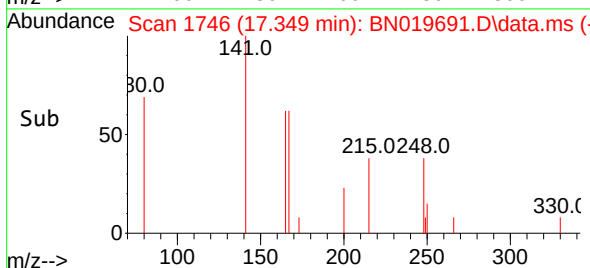
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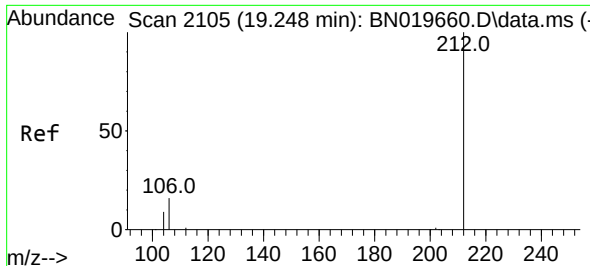


#26
Anthracene
Concen: 0.064 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



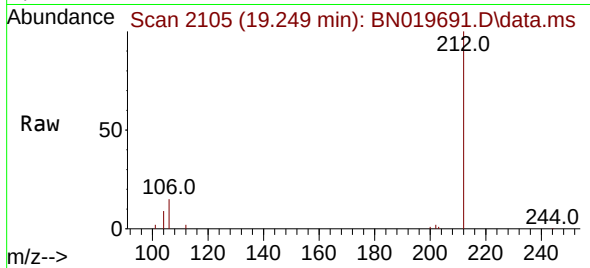
Tgt Ion:178 Resp: 2944
Ion Ratio Lower Upper
178 100
176 19.0 14.3 21.5
179 22.6 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

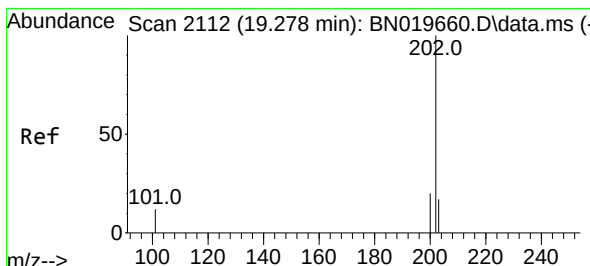
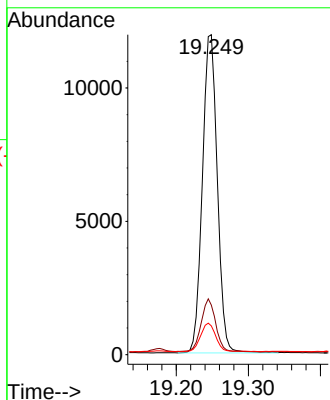
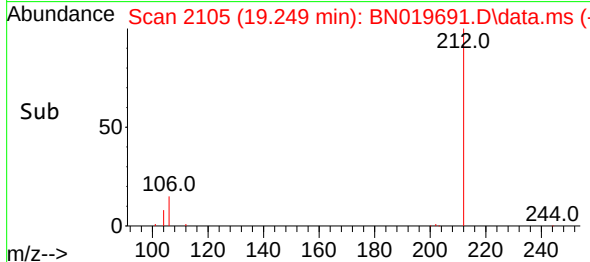
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ClientSampleId :
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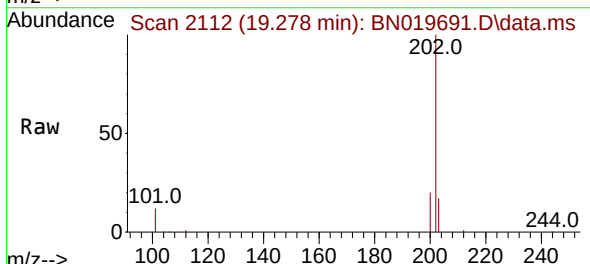
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Ion Ratio Lower Upper
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106 16.4 13.5 20.3
104 9.1 7.6 11.4

Manual Integrations
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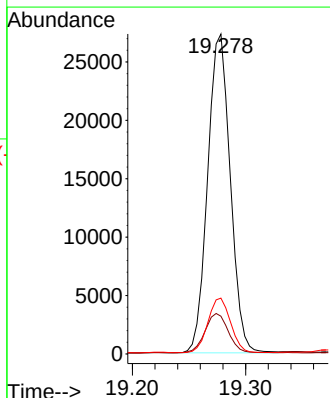
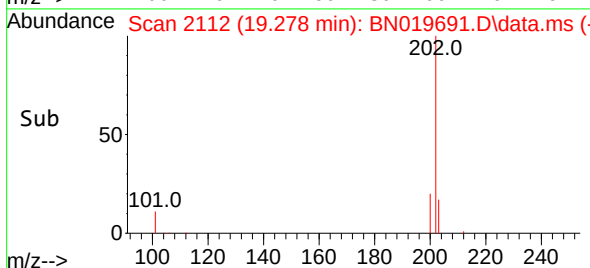
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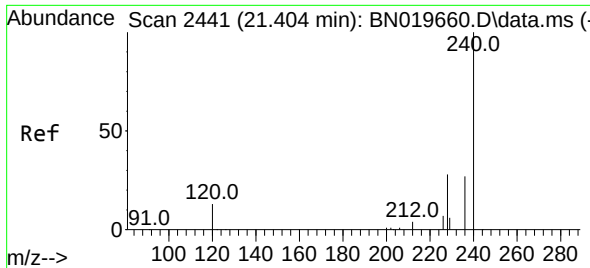


#28
Fluoranthene
Concen: 0.672 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



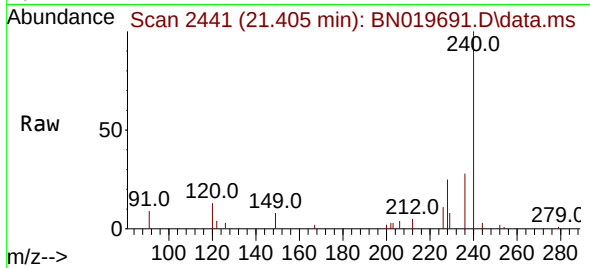
Tgt Ion:202 Resp: 37892
Ion Ratio Lower Upper
202 100
101 12.6 10.6 15.8
203 17.1 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

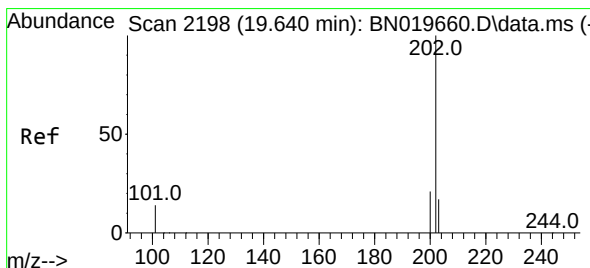
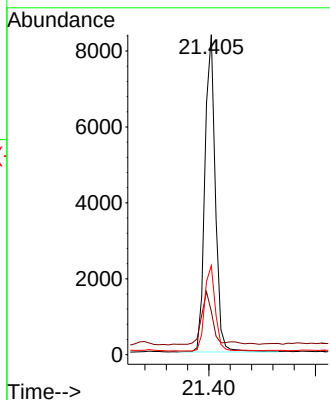
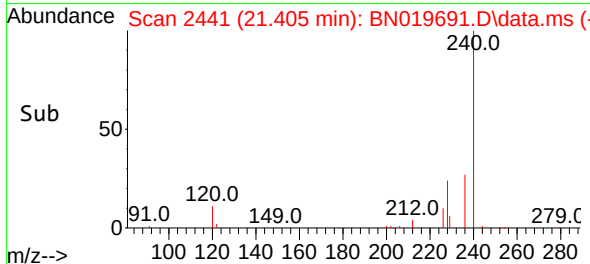
Instrument :
BNA_N
ClientSampleId :
B4-0-2



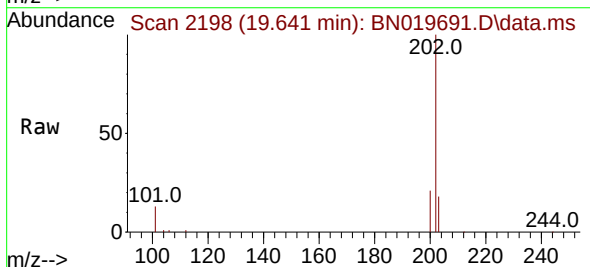
Tgt Ion:240 Resp: 11328
Ion Ratio Lower Upper
240 100
120 13.4 17.4 26.2
236 27.8 23.0 34.4

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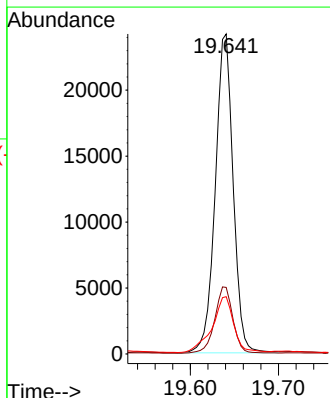
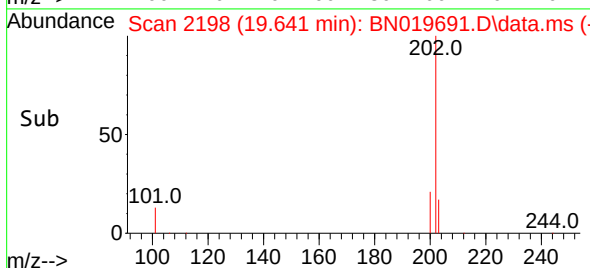
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

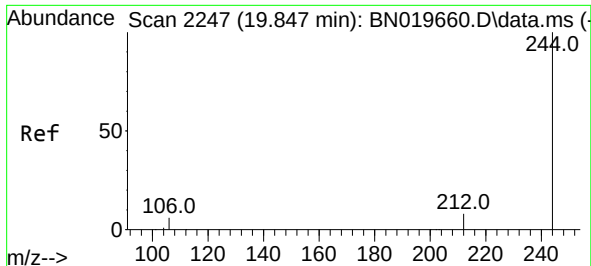


#30
Pyrene
Concen: 0.729 ng
RT: 19.641 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



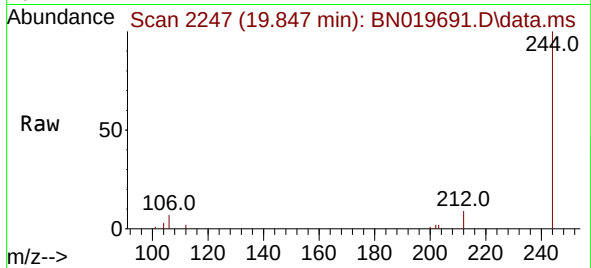
Tgt Ion:202 Resp: 34118
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 21.1 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.384 ng
 RT: 19.847 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN019691.D
 Acq: 05 May 2022 08:27

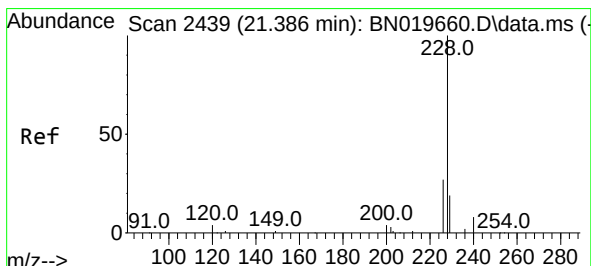
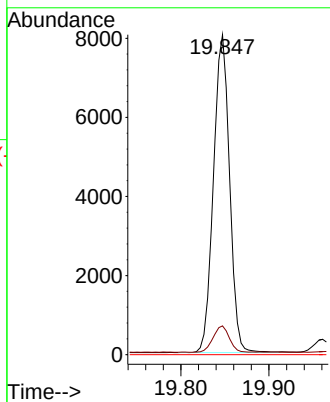
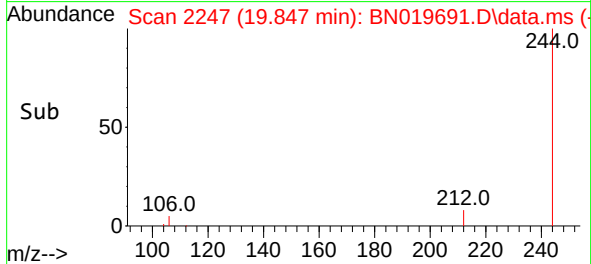
Instrument :
 BNA_N
 ClientSampleId :
 B4-0-2



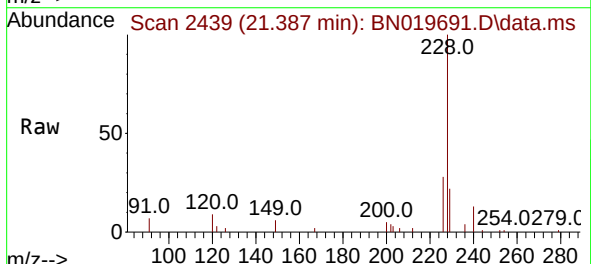
Tgt Ion:244 Resp: 10189
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.6 11.4
 122 0.0 0.0 0.0

Manual Integrations
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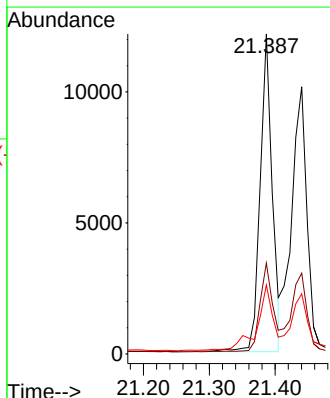
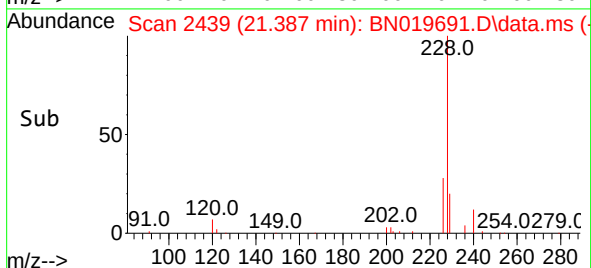
Reviewed By :Christian Giraldo 05/05/2022
 Supervised By :Jagrut Upadhyay 05/05/2022

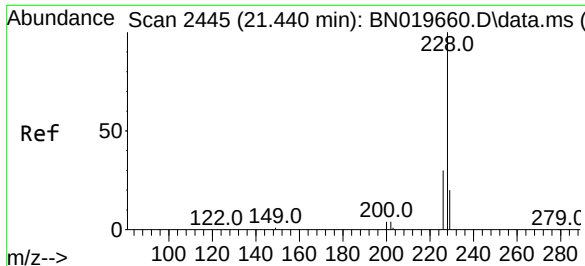


#32
 Benzo(a)anthracene
 Concen: 0.387 ng
 RT: 21.387 min Scan# 2439
 Delta R.T. 0.000 min
 Lab File: BN019691.D
 Acq: 05 May 2022 08:27



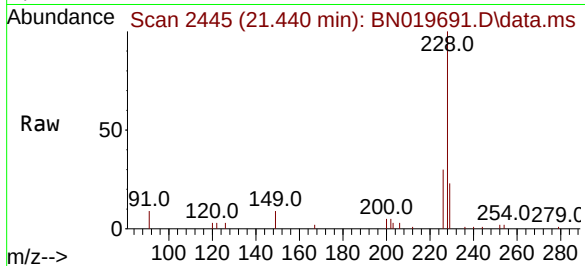
Tgt Ion:228 Resp: 15530
 Ion Ratio Lower Upper
 228 100
 226 28.4 21.6 32.4
 229 21.5 16.5 24.7





#33
Chrysene
Concen: 0.370 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

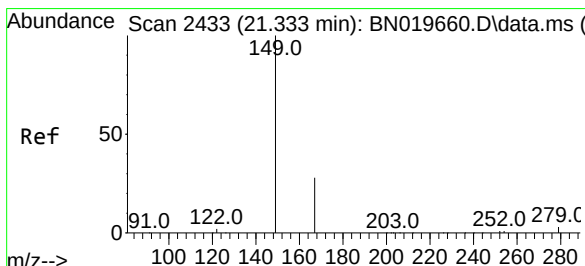
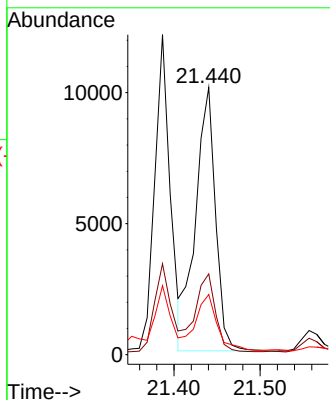
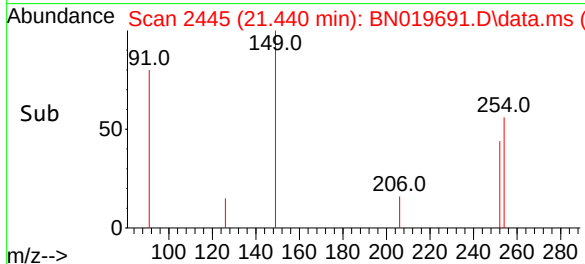
Instrument :
BNA_N
ClientSampleId :
B4-0-2



Tgt Ion: 228 Resp: 1624
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 22.5 15.9 23.9

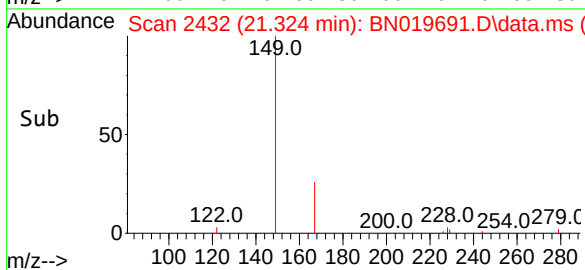
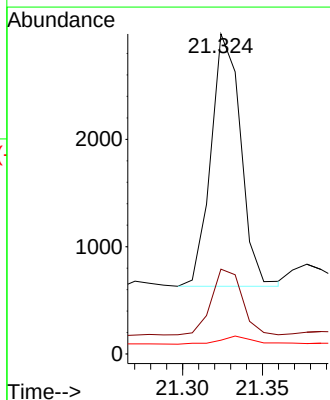
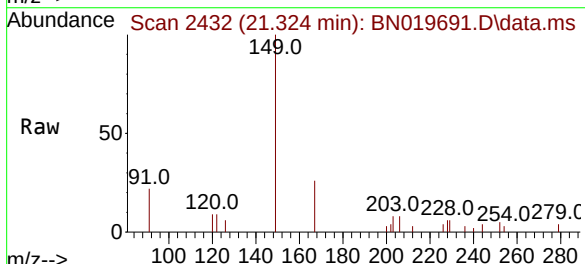
Manual Integrations
APPROVED

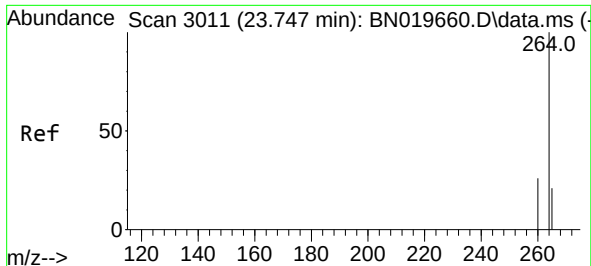
Reviewed By : Christian Giraldo 05/05/2022
Supervised By : Jagrut Upadhyay 05/05/2022



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

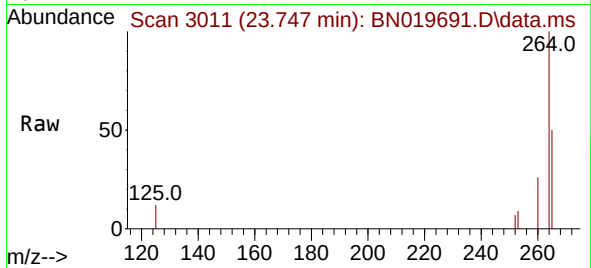
Tgt Ion: 149 Resp: 3050
Ion Ratio Lower Upper
149 100
167 27.7 21.7 32.5
279 3.9 2.8 4.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27

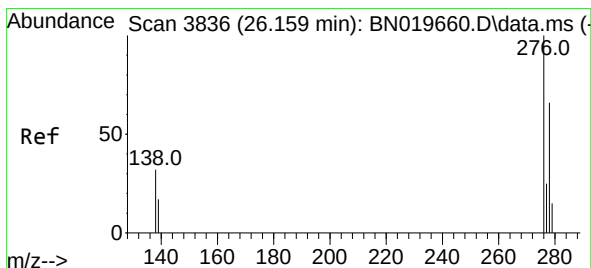
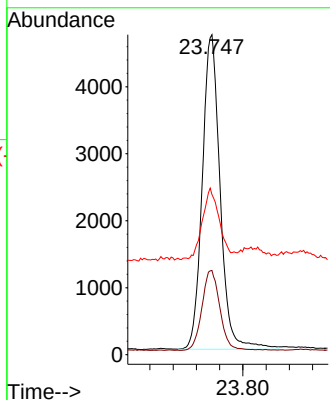
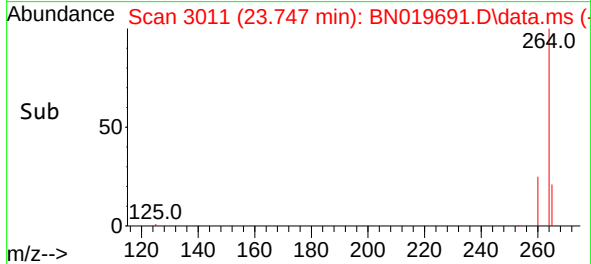
Instrument :
BNA_N
ClientSampleId :
B4-0-2



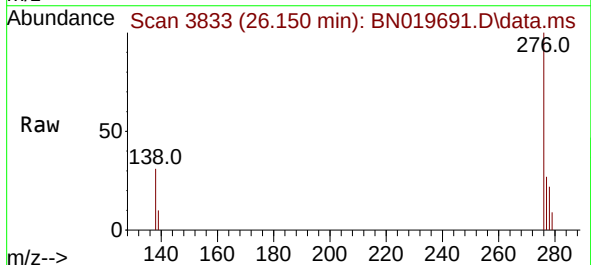
Tgt Ion:264 Resp: 10034
Ion Ratio Lower Upper
264 100
260 26.3 21.0 31.6
265 50.1 67.9 101.9

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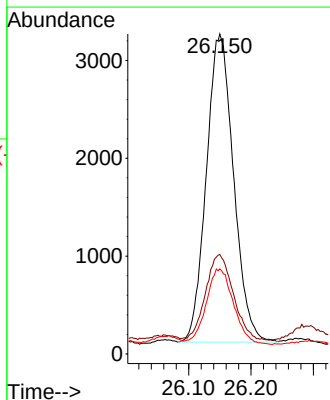
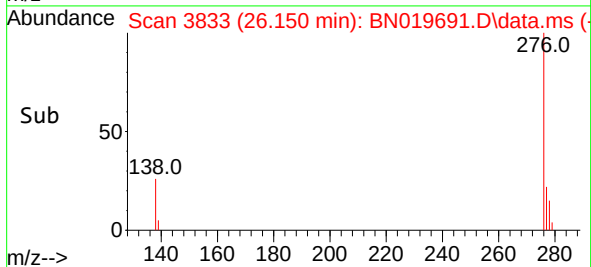
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

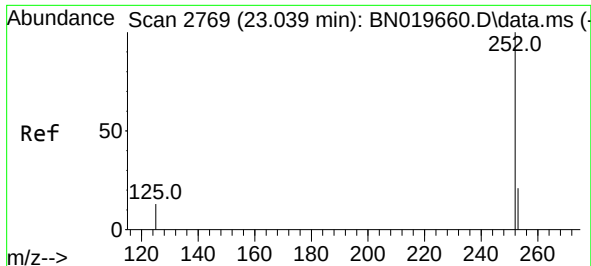


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng
RT: 26.150 min Scan# 3833
Delta R.T. -0.009 min
Lab File: BN019691.D
Acq: 05 May 2022 08:27



Tgt Ion:276 Resp: 9555
Ion Ratio Lower Upper
276 100
138 28.3 26.6 40.0
277 24.7 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.475 ng

RT: 23.036 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN019691.D

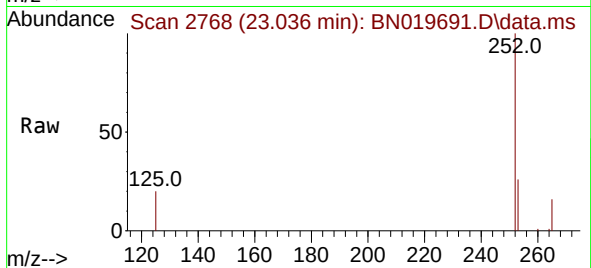
Acq: 05 May 2022 08:27

Instrument :

BN019691.D

ClientSampleId :

B4-0-2

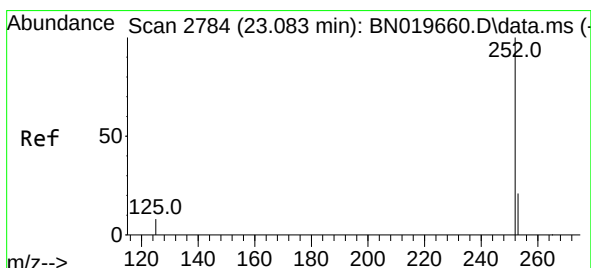
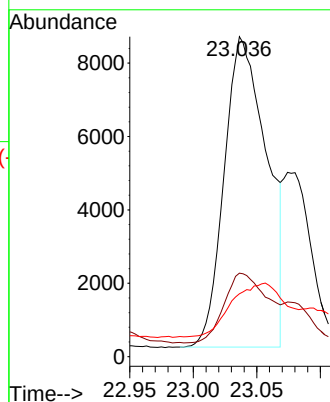


Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.2	31.8
125	19.6	15.9	23.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/05/2022



#38

Benzo(k)fluoranthene

Concen: 0.168 ng m

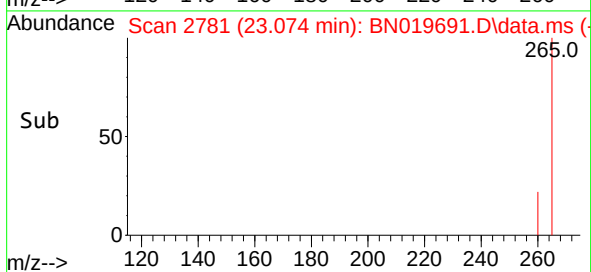
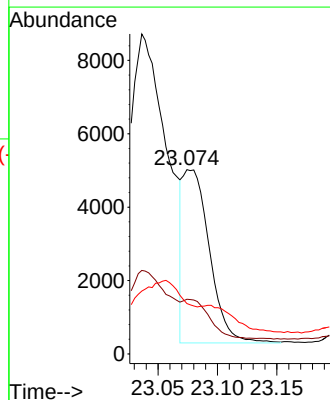
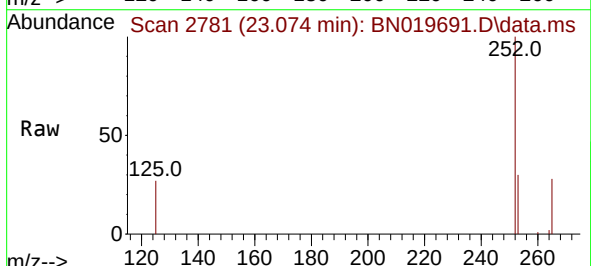
RT: 23.074 min Scan# 2781

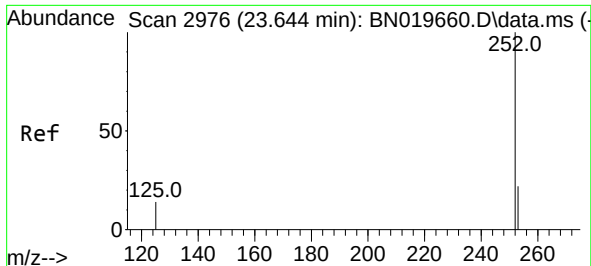
Delta R.T. -0.009 min

Lab File: BN019691.D

Acq: 05 May 2022 08:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.7	21.7	32.5
125	27.3	17.0	25.4





#39

Benzo(a)pyrene

Concen: 0.434 ng

RT: 23.641 min Scan# 2975

Delta R.T. -0.003 min

Lab File: BN019691.D

Acq: 05 May 2022 08:27

Instrument :

BNA_N

ClientSampleId :

B4-0-2

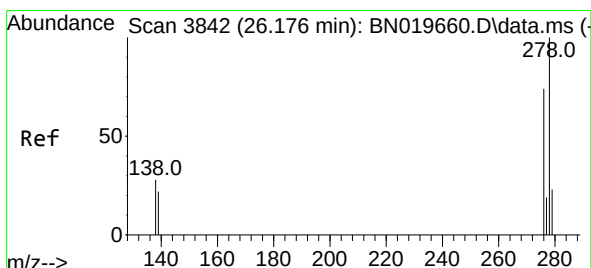
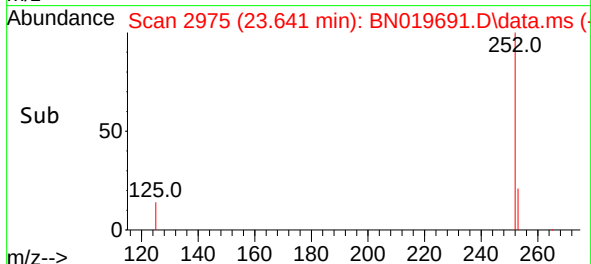
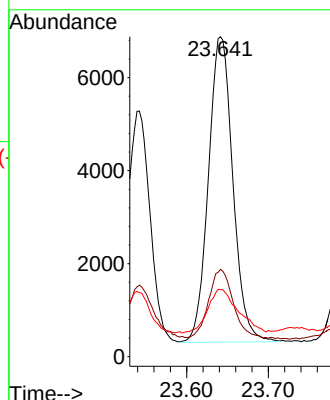
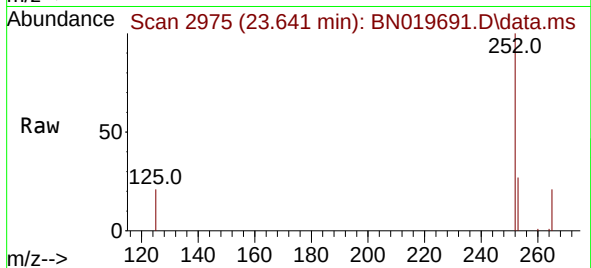
Tgt Ion:252	Resp:	1364
Ion Ratio	Lower	Upper
252	100	
253	27.3	23.1 34.7
125	21.0	20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.063 ng

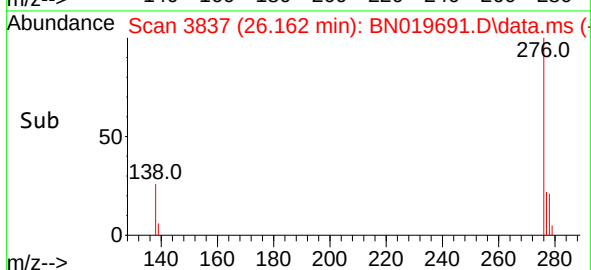
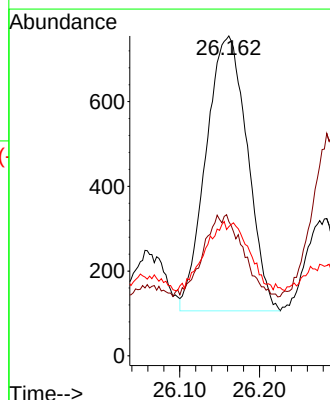
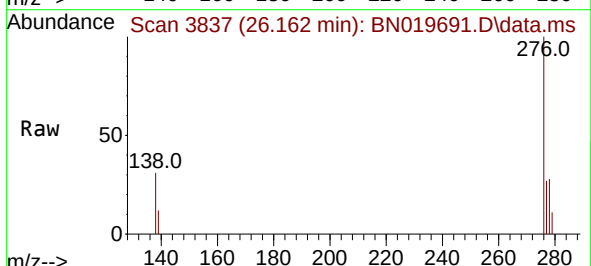
RT: 26.162 min Scan# 3837

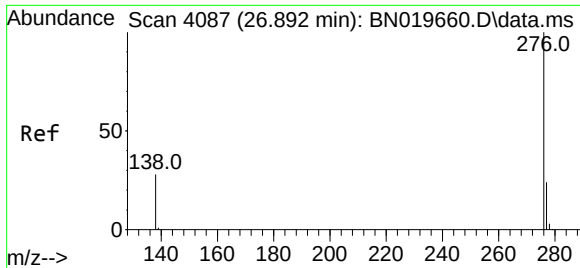
Delta R.T. -0.014 min

Lab File: BN019691.D

Acq: 05 May 2022 08:27

Tgt Ion:278	Resp:	2336
Ion Ratio	Lower	Upper
278	100	
139	42.0	19.4 29.2#
279	40.4	21.8 32.8#





#41

Benzo(g,h,i)perylene

Concen: 0.274 ng

RT: 26.890 min Scan# 4087

Delta R.T. -0.003 min

Lab File: BN019691.D

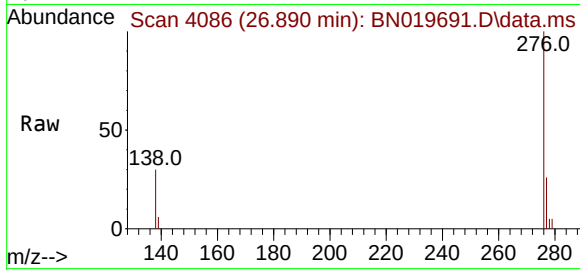
Acq: 05 May 2022 08:27

Instrument :

BNA_N

ClientSampleId :

B4-0-2



Tgt Ion:276 Resp: 1008

Ion Ratio Lower Upper

276 100

277 25.9 20.2 30.2

138 30.5 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022

