

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023041.D
 Acq On : 02 Dec 2022 06:44
 Operator : CG/JU
 Sample : N5757-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB01-20221121

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

Quant Time: Dec 02 07:47:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 02:30:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	5031	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13364	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6288	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	11893	0.400	ng	# 0.00
29) Chrysene-d12	21.621	240	6571	0.400	ng	# 0.00
35) Perylene-d12	24.099	264	4764	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1361	0.104	ng	0.00
5) Phenol-d6	7.205	99	1129	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3647m	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.454	152	6436	0.222	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	9	0.003	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	10660	0.371	ng	0.00
27) Fluoranthene-d10	19.465	212	9344	0.289	ng	0.00
31) Terphenyl-d14	20.053	244	6926	0.449	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.925	128	1033	0.025	ng	# 83
32) Benzo(a)anthracene	21.603	228	689	0.026	ng	# 87
33) Chrysene	21.656	228	905	0.033	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.522	149	1029	0.096	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.695	276	684	0.035	ng	94
37) Benzo(b)fluoranthene	23.338	252	838	0.039	ng	# 13
38) Benzo(k)fluoranthene	23.391	252	740	0.032	ng	# 8
40) Dibenzo(a,h)anthracene	26.724	278	573m	0.036	ng	
41) Benzo(g,h,i)perylene	27.496	276	666	0.039	ng	# 57

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

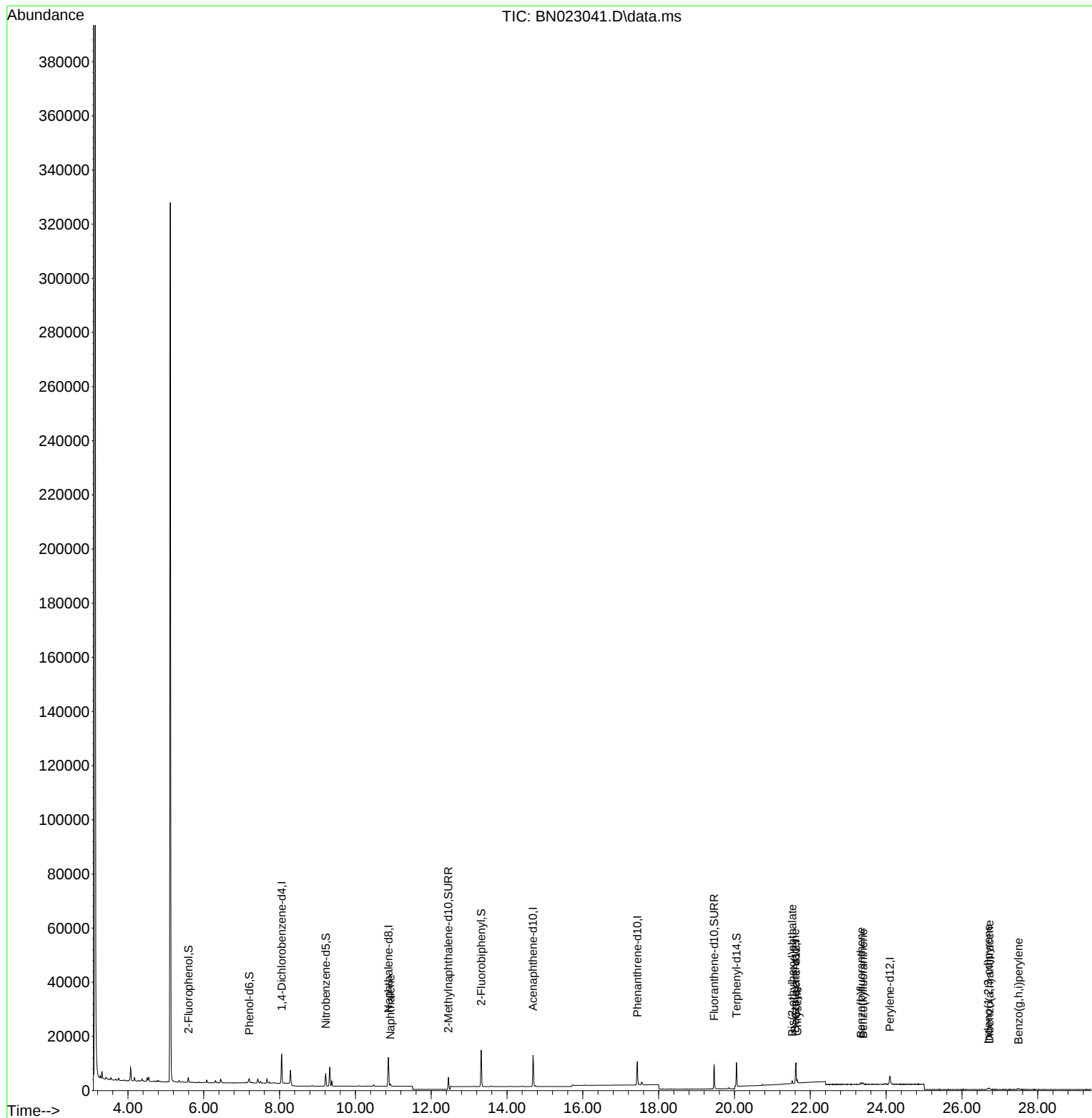
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023041.D
Acq On : 02 Dec 2022 06:44
Operator : CG/JU
Sample : N5757-10
Misc :
ALS Vial : 30 Sample Multiplier: 1

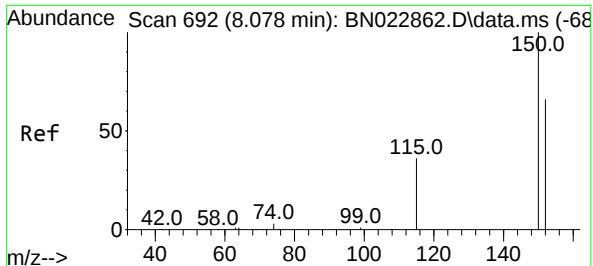
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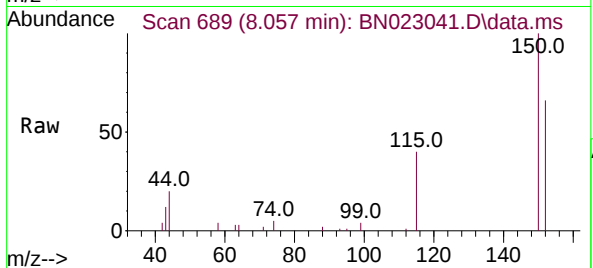
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 689
Delta R.T. -0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

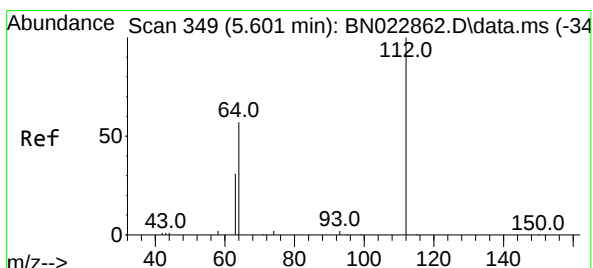
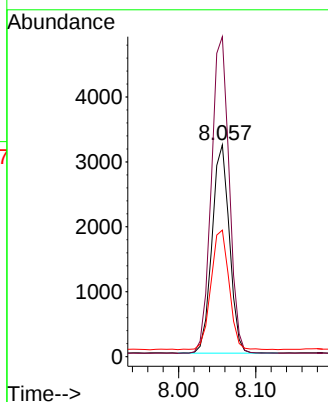
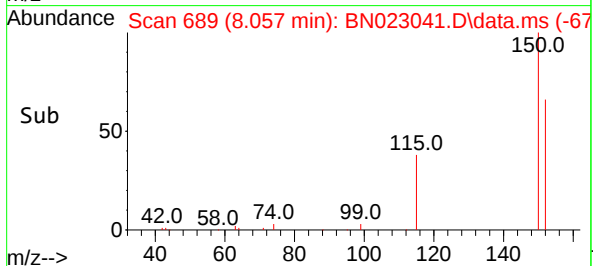
Instrument :
BNA_N
ClientSampleId :
EB01-20221121



Tgt Ion:152 Resp: 503
Ion Ratio Lower Upper
152 100
150 151.1 121.2 181.8
115 59.7 46.2 69.4

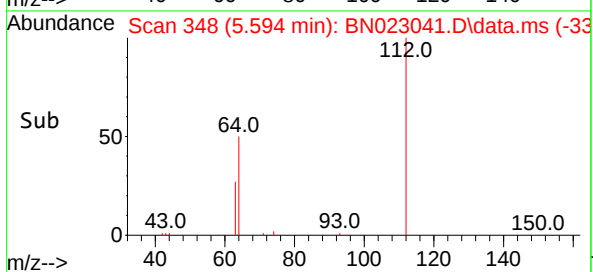
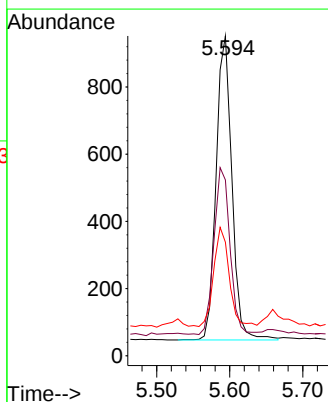
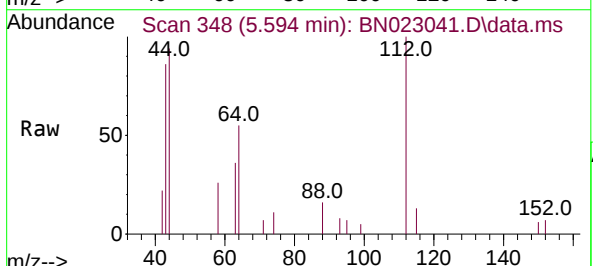
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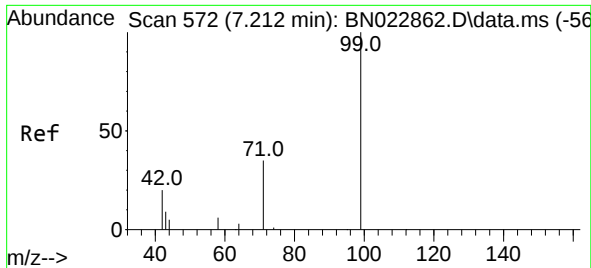
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#4
2-Fluorophenol
Concen: 0.104 ng
RT: 5.594 min Scan# 348
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

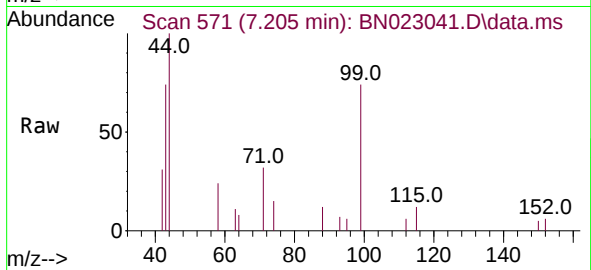
Tgt Ion:112 Resp: 1361
Ion Ratio Lower Upper
112 100
64 55.3 43.4 65.2
63 31.7 23.4 35.2





#5
Phenol-d6
Concen: 0.068 ng
RT: 7.205 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

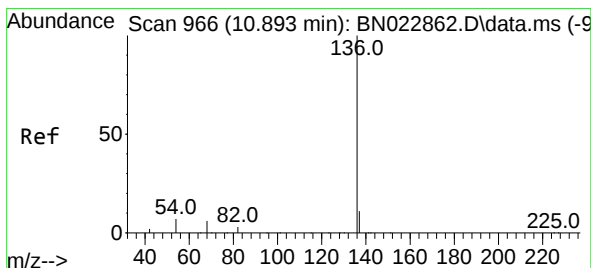
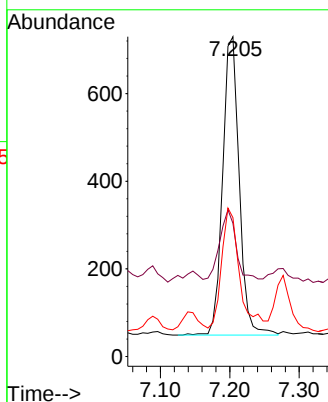
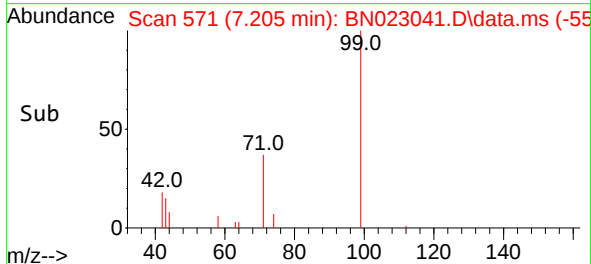
Instrument :
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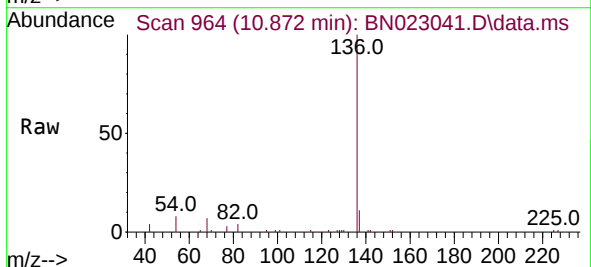
Tgt Ion: 99 Resp: 1129
Ion Ratio Lower Upper
99 100
42 23.2 16.0 24.0
71 44.7 26.8 40.2

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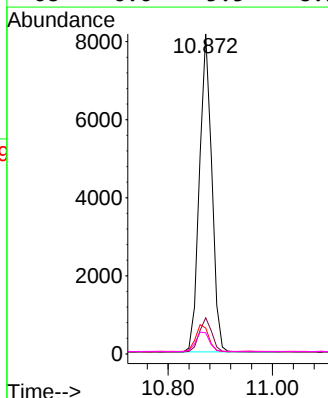
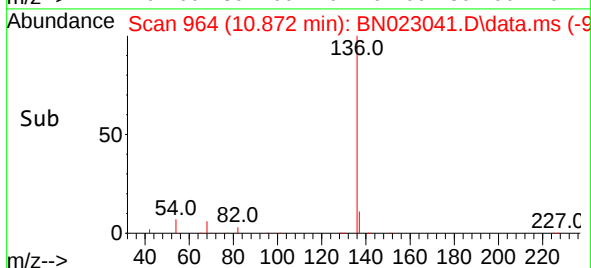
Reviewed By :Christian Giraldo 12/02/2022
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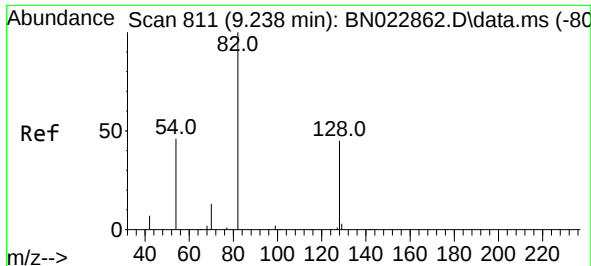


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44



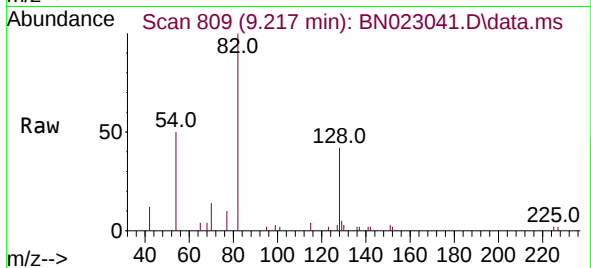
Tgt Ion:136 Resp: 13364
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 8.1 6.6 9.8
68 6.6 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.351 ng m
RT: 9.217 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

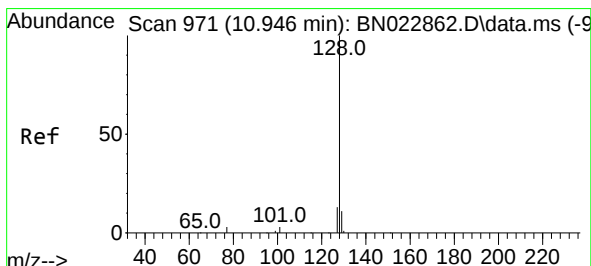
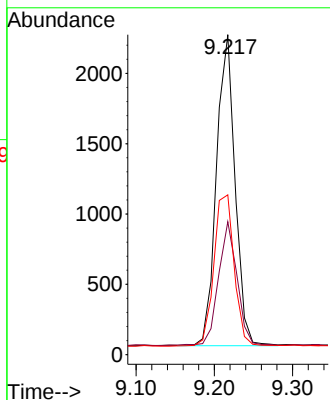
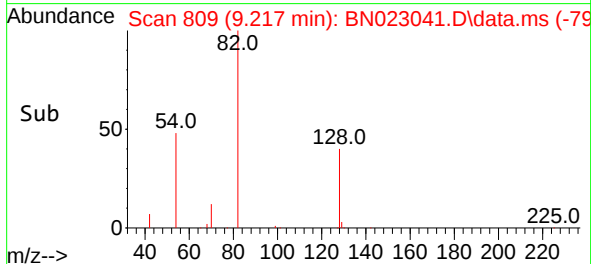
Instrument :
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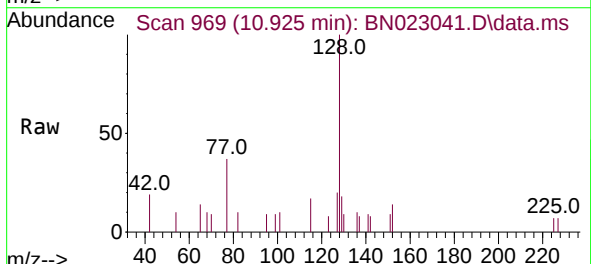
Tgt Ion: 82 Resp: 364
Ion Ratio Lower Upper
82 100
128 41.5 36.6 54.8
54 50.0 38.5 57.7

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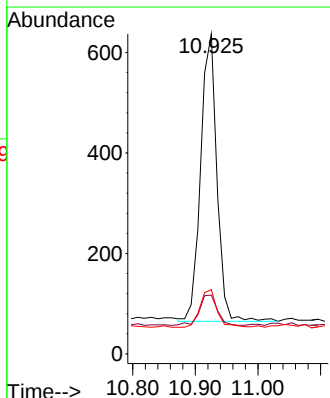
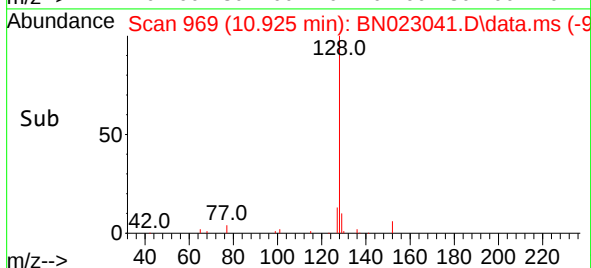
Reviewed By :Christian Giraldo 12/02/2022
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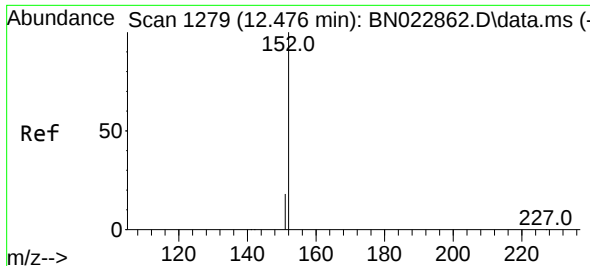


#9
Naphthalene
Concen: 0.025 ng
RT: 10.925 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44



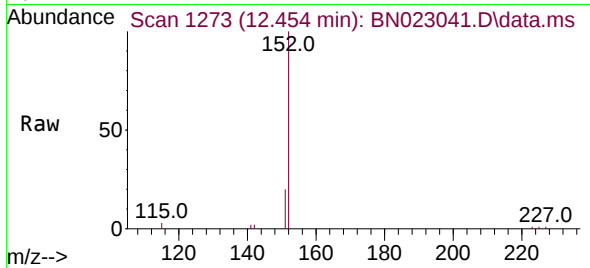
Tgt Ion:128 Resp: 1033
Ion Ratio Lower Upper
128 100
129 18.4 9.0 13.4#
127 20.1 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.222 ng
RT: 12.454 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

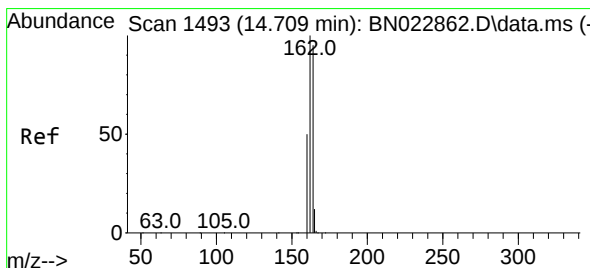
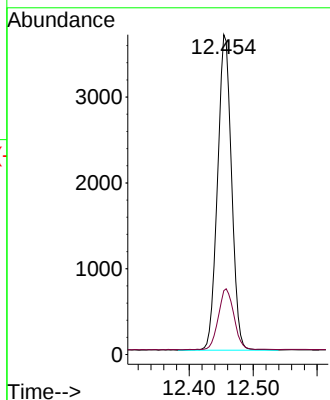
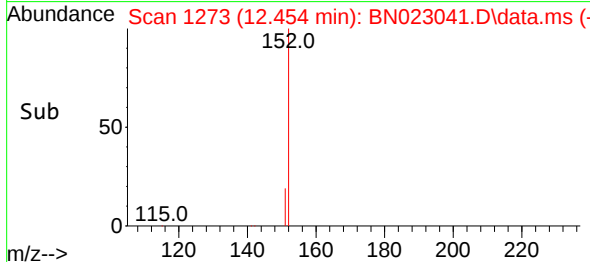
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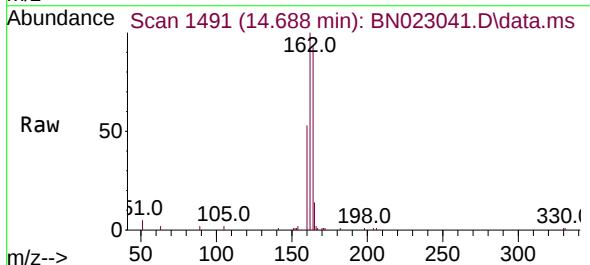
Tgt Ion:152 Resp: 6436
Ion Ratio Lower Upper
152 100
151 18.6 18.6 27.8

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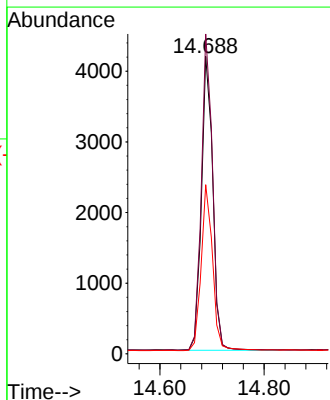
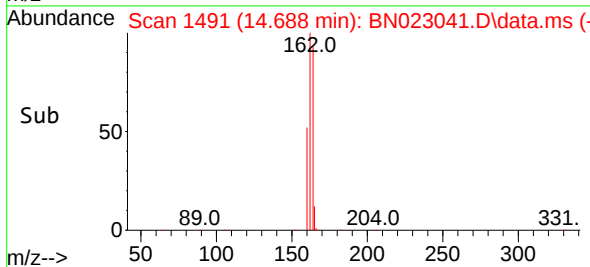
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

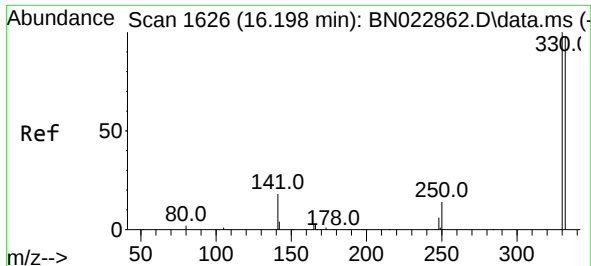


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44



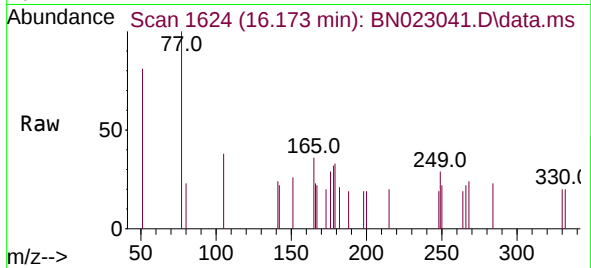
Tgt Ion:164 Resp: 6288
Ion Ratio Lower Upper
164 100
162 107.5 84.2 126.4
160 56.9 42.5 63.7





#14
2,4,6-Tribromophenol
Concen: 0.003 ng
RT: 16.173 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

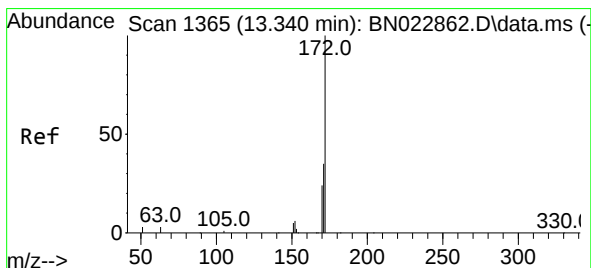
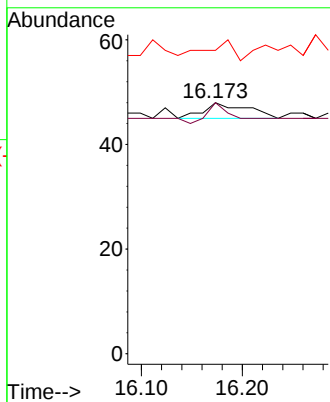
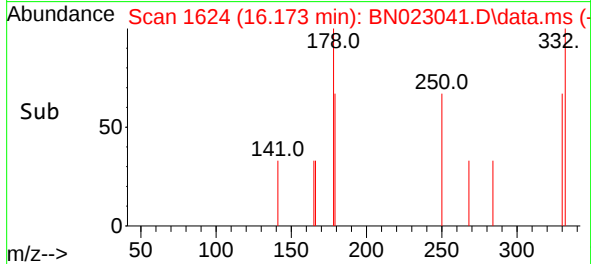
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Tgt Ion: 330 Resp: 598
Ion Ratio Lower Upper
330 100
332 77.8 76.5 114.7
141 77.8 32.6 48.8

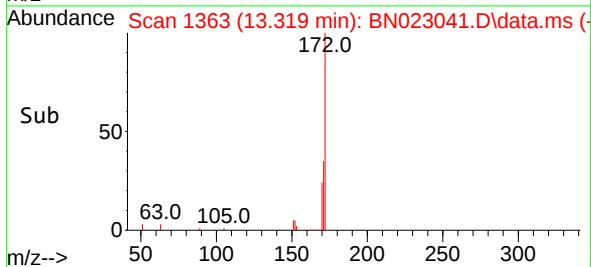
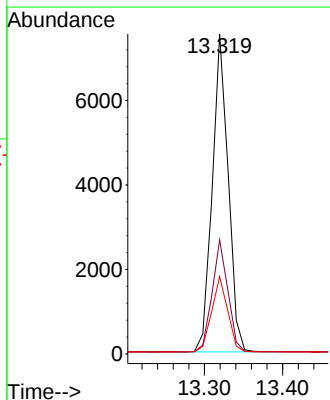
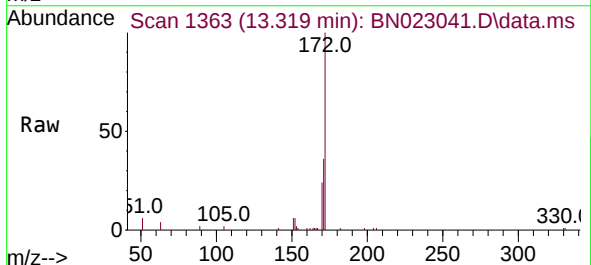
Manual Integrations
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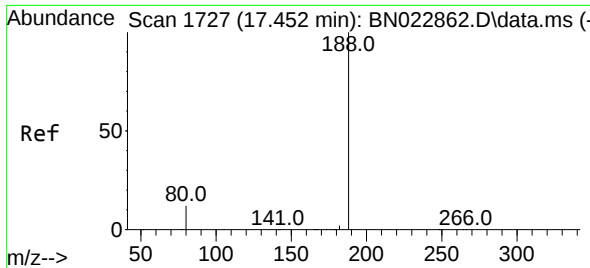
Reviewed By : Christian Giraldo 12/02/2022
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#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.319 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

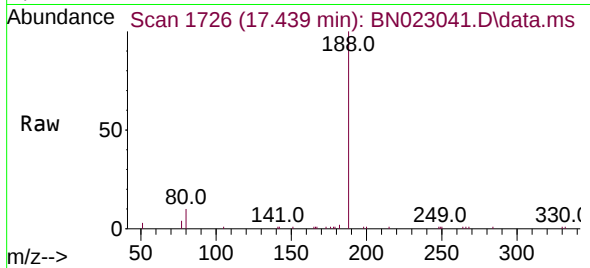
Tgt Ion: 172 Resp: 10660
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 24.1 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

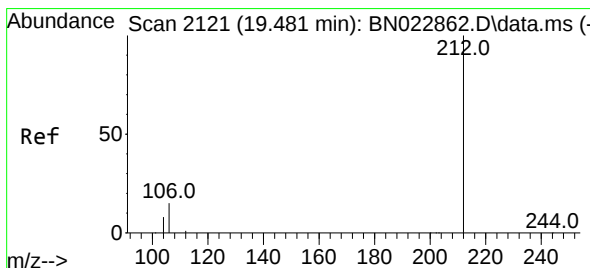
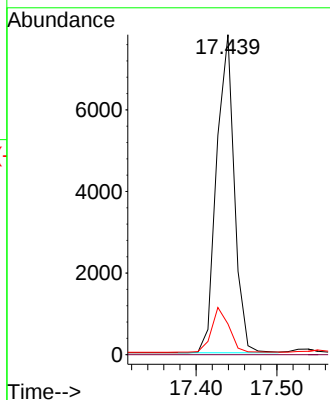
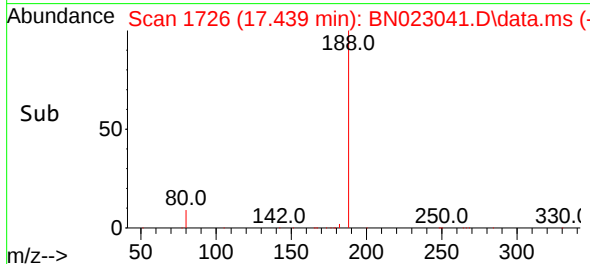
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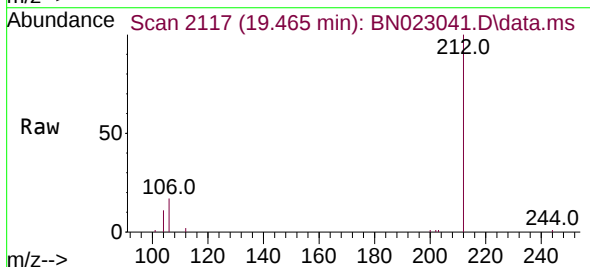
Tgt Ion:188 Resp: 1189
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 10.3 15.5

Manual Integrations
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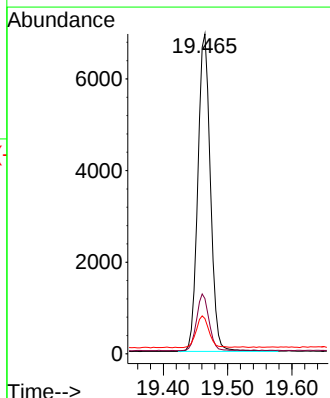
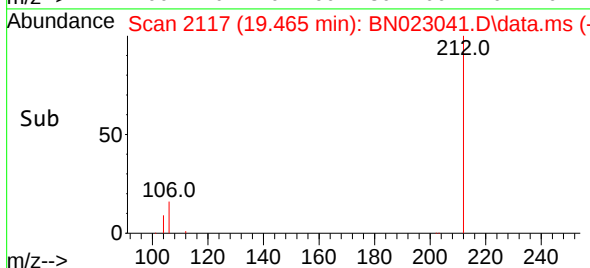
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

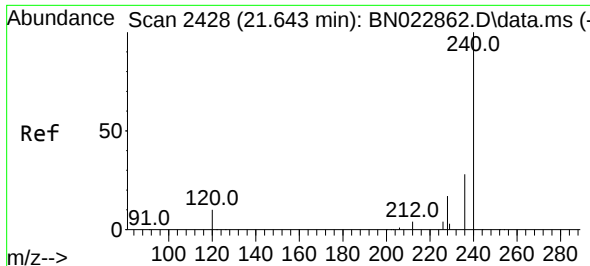


#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.465 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44



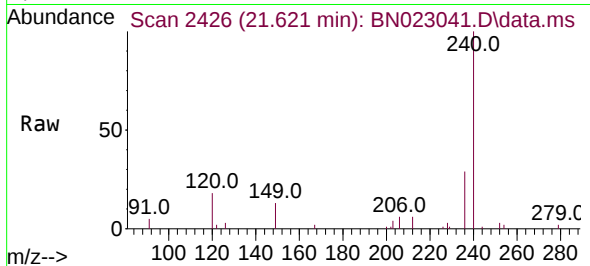
Tgt Ion:212 Resp: 9344
Ion Ratio Lower Upper
212 100
106 17.7 12.3 18.5
104 10.1 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.621 min Scan# 2428
Delta R.T. 0.004 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

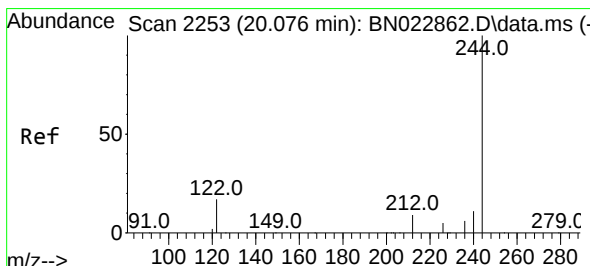
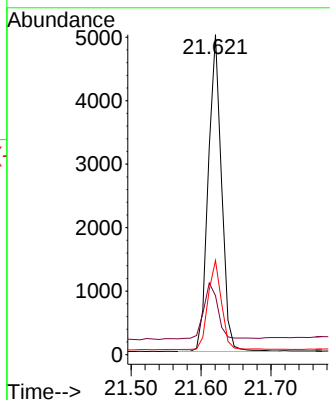
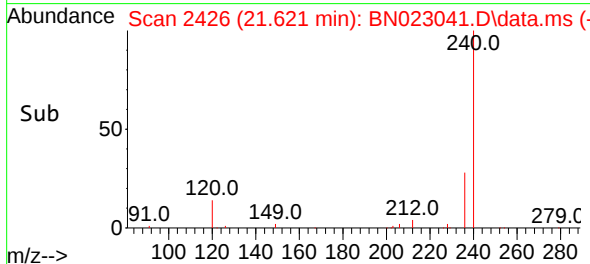
Instrument :
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Tgt Ion:240 Resp: 6571
Ion Ratio Lower Upper
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120 18.4 9.2 13.8
236 29.4 22.6 34.0

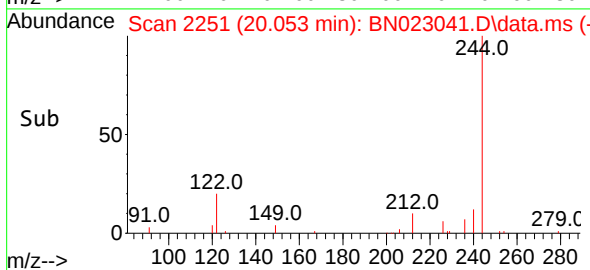
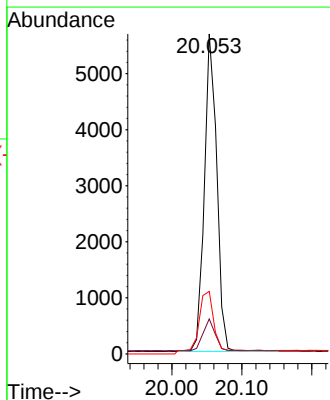
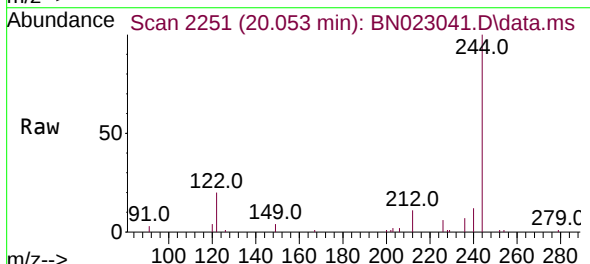
Manual Integrations
APPROVED

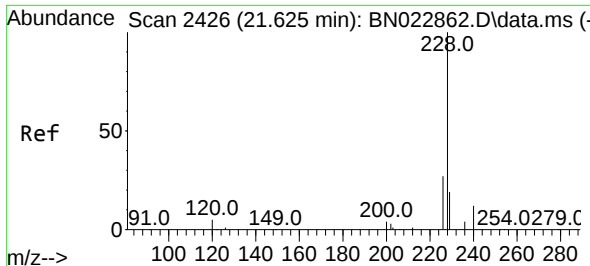
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#31
Terphenyl-d14
Concen: 0.449 ng
RT: 20.053 min Scan# 2251
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

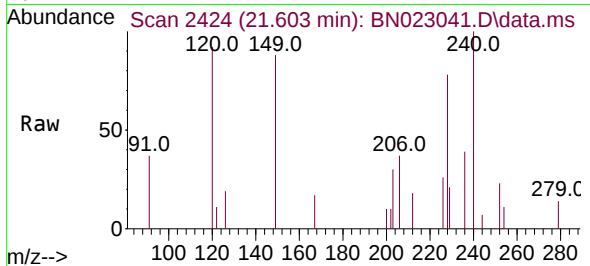
Tgt Ion:244 Resp: 6926
Ion Ratio Lower Upper
244 100
212 10.9 7.9 11.9
122 19.5 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.603 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

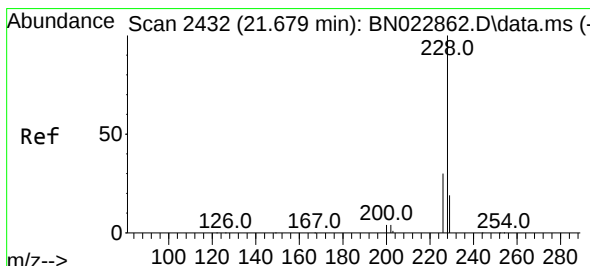
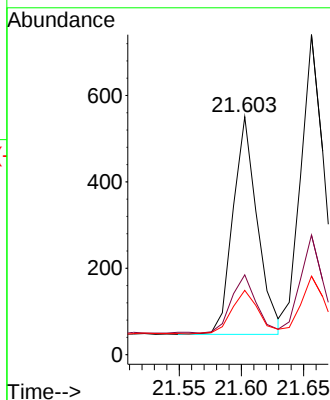
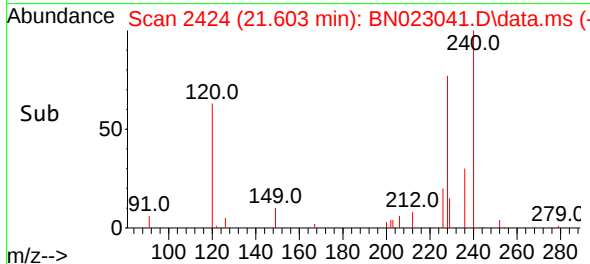
Instrument :
BNA_N
ClientSampleId :
EB01-20221121



Tgt Ion:228 Resp: 689
Ion Ratio Lower Upper
228 100
226 33.6 22.1 33.1#
229 27.0 15.8 23.6#

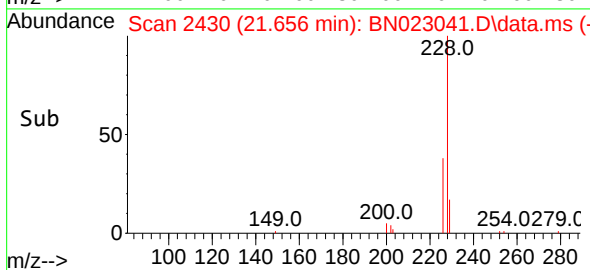
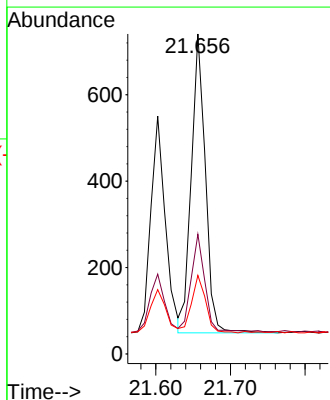
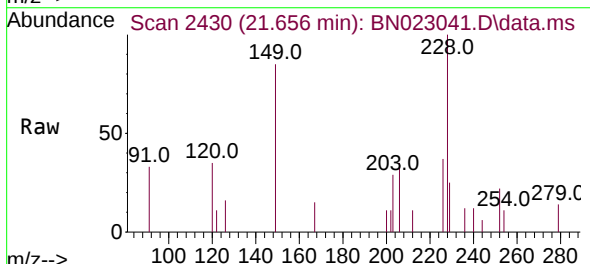
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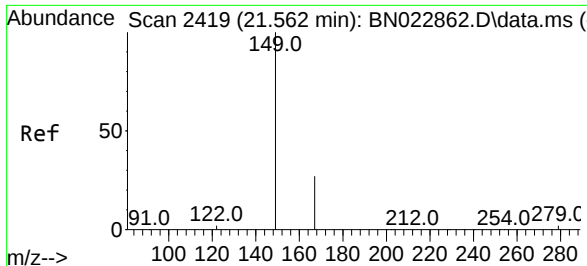
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#33
Chrysene
Concen: 0.033 ng
RT: 21.656 min Scan# 2430
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Tgt Ion:228 Resp: 905
Ion Ratio Lower Upper
228 100
226 37.4 24.5 36.7#
229 24.6 15.8 23.6#





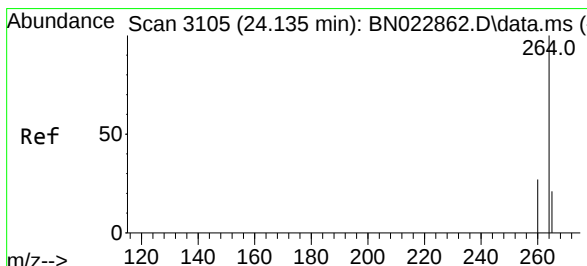
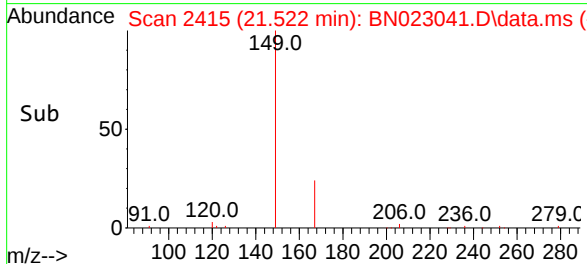
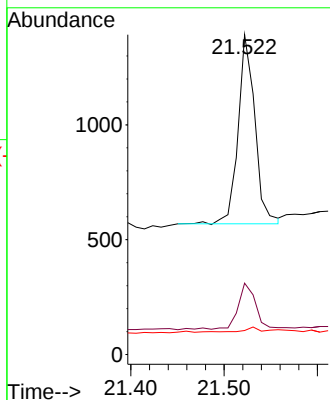
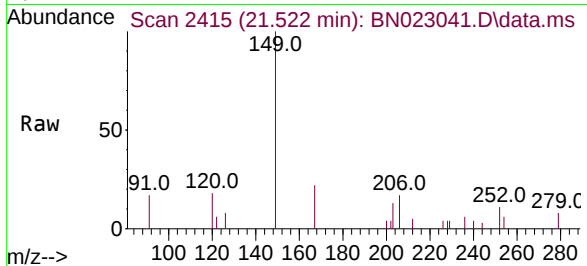
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.522 min Scan# 2415
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Instrument :
BNA_N
ClientSampleId :
EB01-20221121

Tgt Ion:149 Resp: 1029
Ion Ratio Lower Upper
149 100
167 25.7 21.3 31.9
279 2.0 2.3 3.5

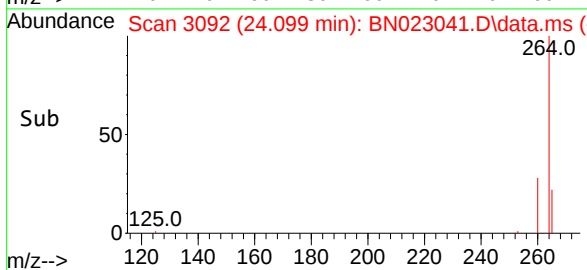
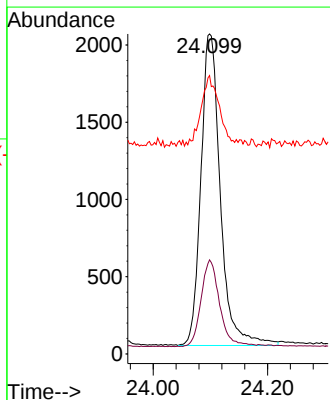
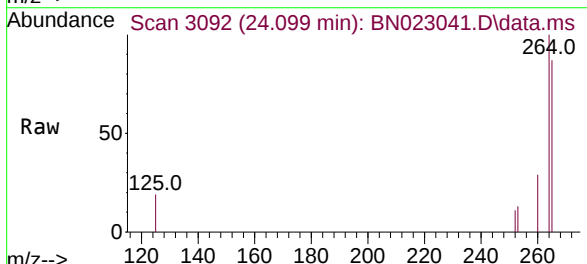
Manual Integrations
APPROVED

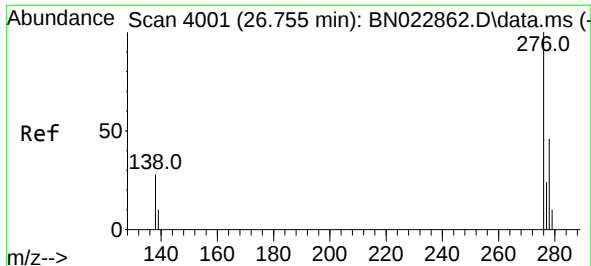
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.099 min Scan# 3092
Delta R.T. -0.005 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

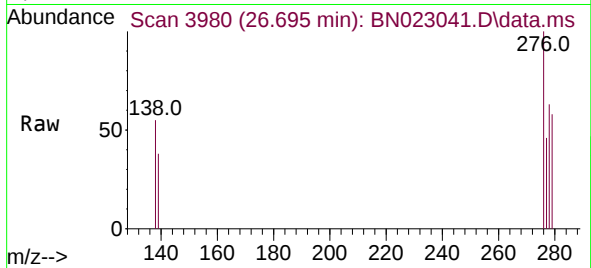
Tgt Ion:264 Resp: 4764
Ion Ratio Lower Upper
264 100
260 29.4 21.7 32.5
265 87.0 31.0 46.4





#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.035 ng
 RT: 26.695 min Scan# 3980
 Delta R.T. -0.002 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44

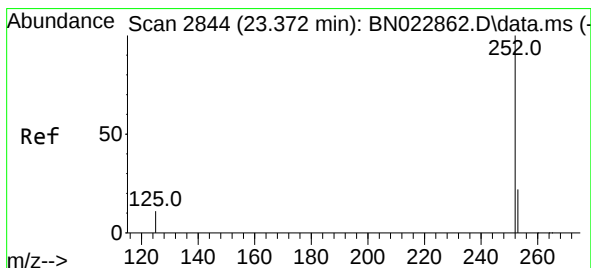
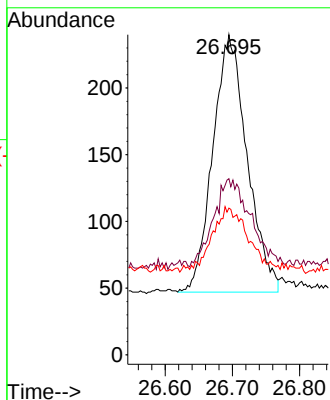
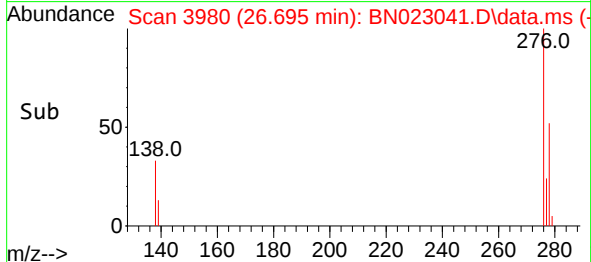
Instrument :
 BNA_N
 ClientSampleId :
 EB01-20221121



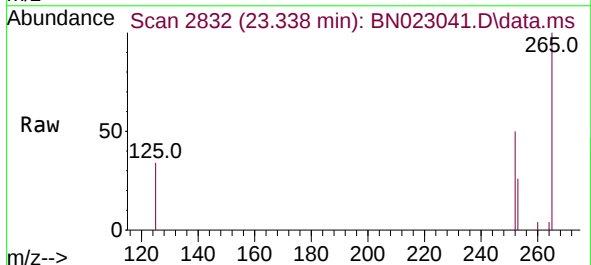
Tgt Ion: 276 Resp: 684
 Ion Ratio Lower Upper
 276 100
 138 35.7 24.4 36.6
 277 24.1 19.9 29.9

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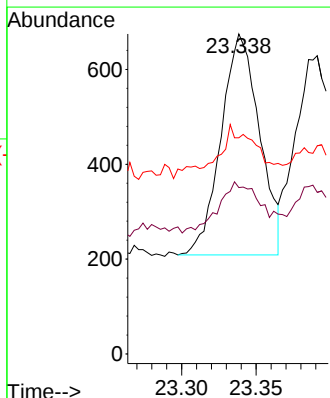
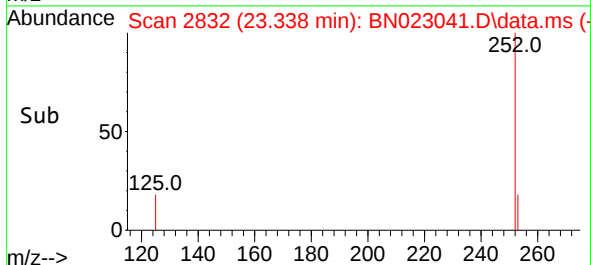
Reviewed By : Christian Giraldo 12/02/2022
 Supervised By : Jagrut Upadhyay 12/02/2022

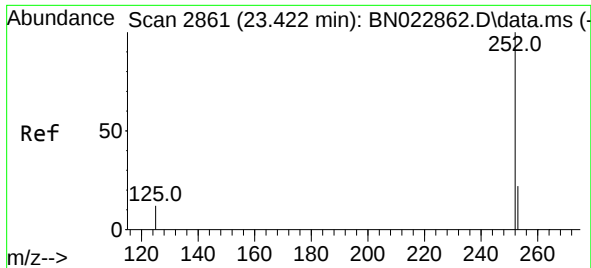


#37
 Benzo(b)fluoranthene
 Concen: 0.039 ng
 RT: 23.338 min Scan# 2832
 Delta R.T. -0.002 min
 Lab File: BN023041.D
 Acq: 02 Dec 2022 06:44



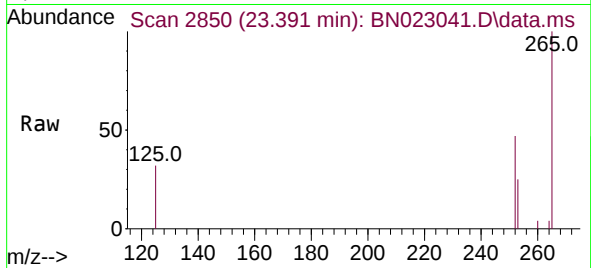
Tgt Ion: 252 Resp: 838
 Ion Ratio Lower Upper
 252 100
 253 52.0 18.5 27.7#
 125 67.6 10.8 16.2#





#38
Benzo(k)fluoranthene
Concen: 0.032 ng
RT: 23.391 min Scan# 2861
Delta R.T. 0.001 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

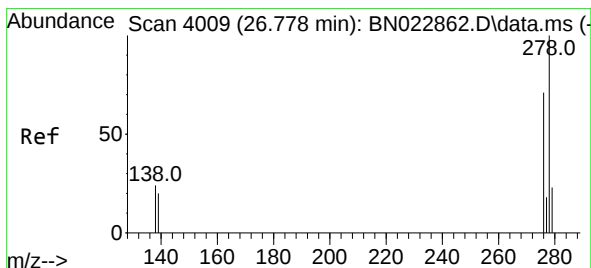
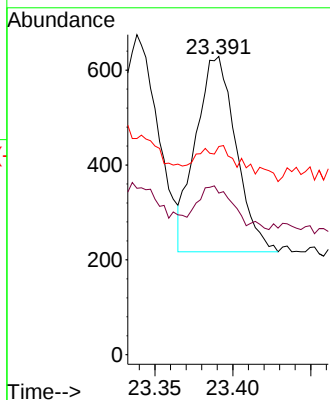
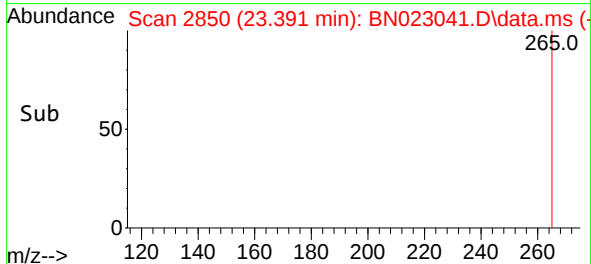
Instrument :
BNA_N
ClientSampleId :
EB01-20221121



Tgt Ion:252 Resp: 740
Ion Ratio Lower Upper
252 100
253 54.2 18.6 27.8#
125 69.8 11.0 16.4#

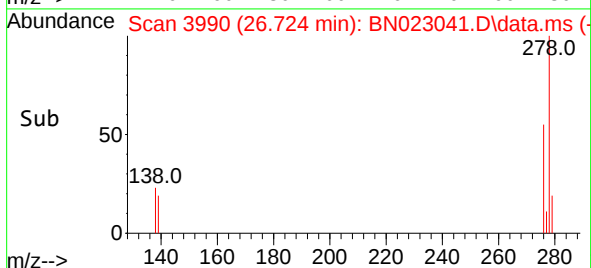
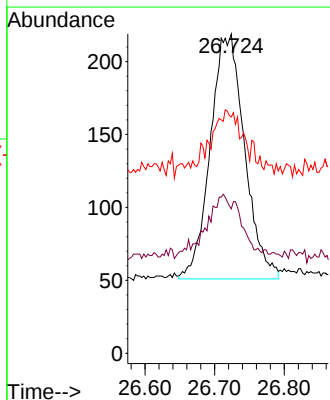
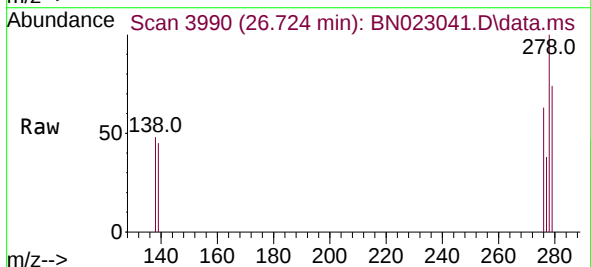
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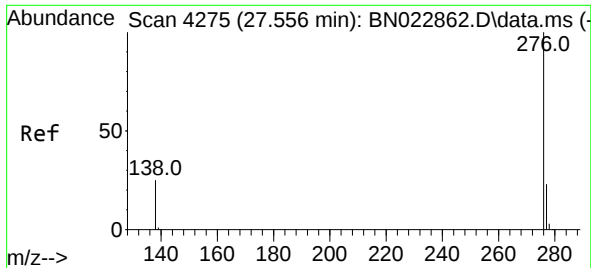
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#40
Dibenzo(a,h)anthracene
Concen: 0.036 ng m
RT: 26.724 min Scan# 3990
Delta R.T. 0.007 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

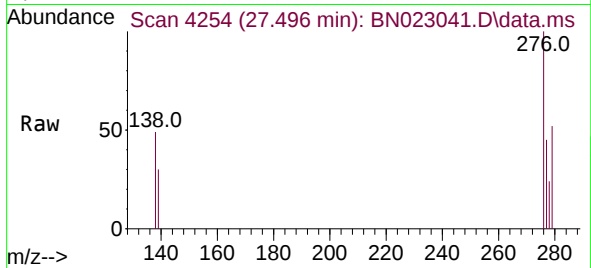
Tgt Ion:278 Resp: 573
Ion Ratio Lower Upper
278 100
139 45.2 17.4 26.0#
279 74.0 20.0 30.0#





#41
Benzo(g,h,i)perylene
Concen: 0.039 ng
RT: 27.496 min Scan# 41
Delta R.T. 0.001 min
Lab File: BN023041.D
Acq: 02 Dec 2022 06:44

Instrument :
BNA_N
ClientSampleId :
EB01-20221121



Tgt Ion:276 Resp: 666
Ion Ratio Lower Upper
276 100
277 45.5 19.7 29.5
138 49.4 21.4 32.2

Manual Integrations
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Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

