

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
 Data File : BN023039.D
 Acq On : 02 Dec 2022 05:32
 Operator : CG/JU
 Sample : N5757-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB01-20221121

Manual Integrations
 APPROVED

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

Quant Time: Dec 02 06:01:57 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	5005	0.400	ng	0.00
7) Naphthalene-d8	10.872	136	13612	0.400	ng	0.00
13) Acenaphthene-d10	14.688	164	6630	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	12712	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	6804	0.400	ng	# 0.00
35) Perylene-d12	24.100	264	4860	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.594	112	1491	0.115	ng	0.00
5) Phenol-d6	7.197	99	1120	0.068	ng	0.00
8) Nitrobenzene-d5	9.217	82	3649	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	7719	0.261	ng	0.00
14) 2,4,6-Tribromophenol	16.173	330	100	0.031	ng	-0.01
15) 2-Fluorobiphenyl	13.319	172	11301	0.373	ng	0.00
27) Fluoranthene-d10	19.464	212	9309	0.270	ng	0.00
31) Terphenyl-d14	20.058	244	7292	0.456	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.925	128	1043	0.025	ng	# 84
32) Benzo(a)anthracene	21.598	228	711	0.026	ng	# 85
33) Chrysene	21.652	228	883	0.031	ng	# 89
34) Bis(2-ethylhexyl)phtha...	21.526	149	788	0.071	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.690	276	709m	0.035	ng	
37) Benzo(b)fluoranthene	23.340	252	827	0.038	ng	# 5
38) Benzo(k)fluoranthene	23.387	252	760	0.032	ng	# 11
40) Dibenzo(a,h)anthracene	26.711	278	587	0.037	ng	# 24
41) Benzo(g,h,i)perylene	27.486	276	668	0.039	ng	# 55

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

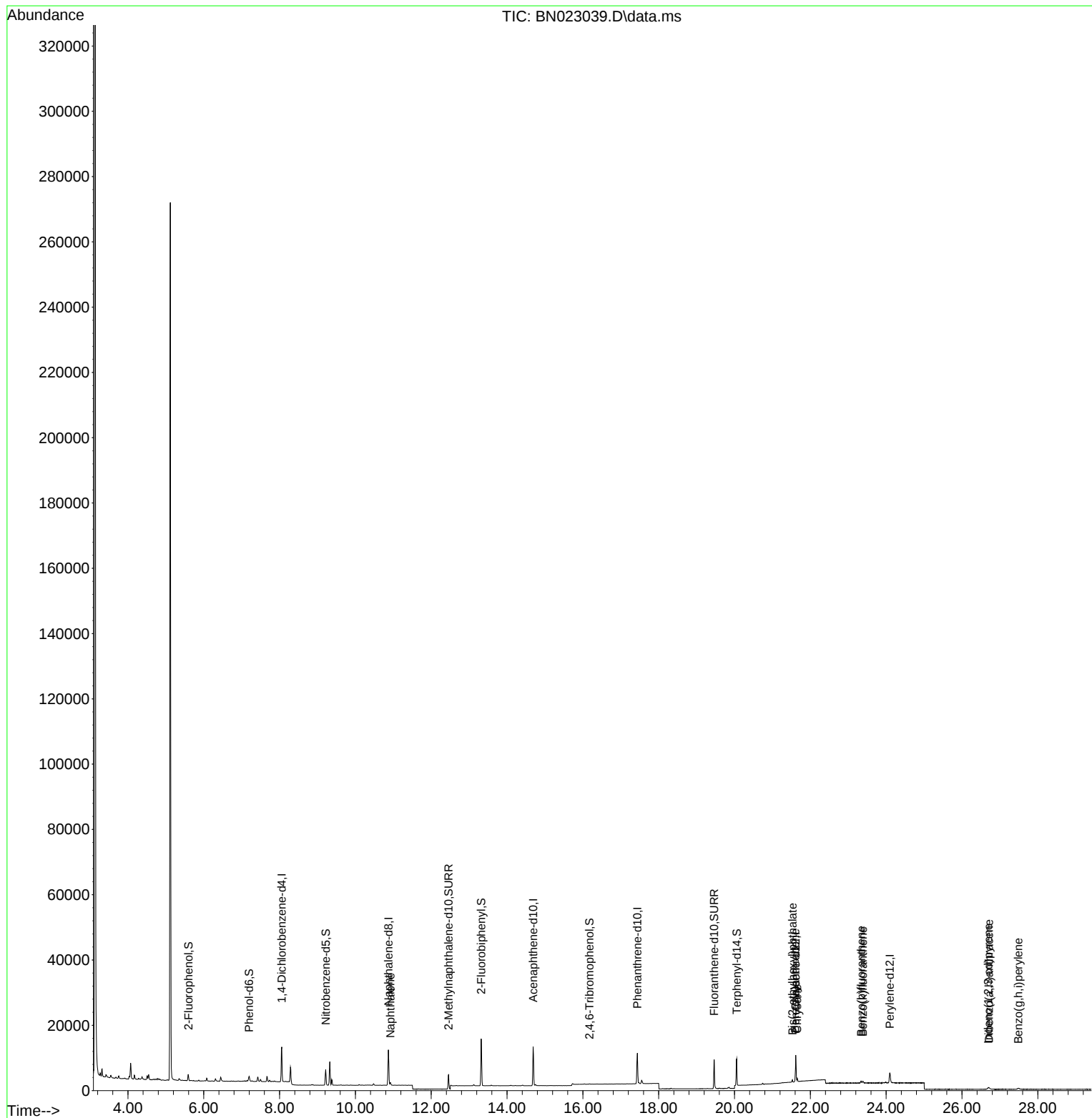
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023039.D
Acq On : 02 Dec 2022 05:32
Operator : CG/JU
Sample : N5757-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

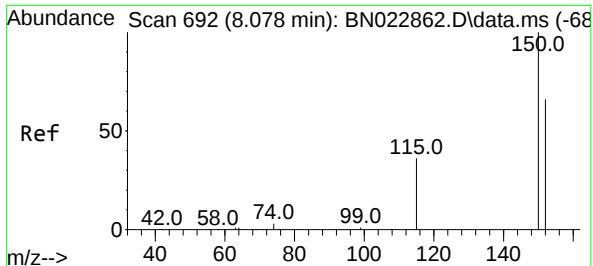
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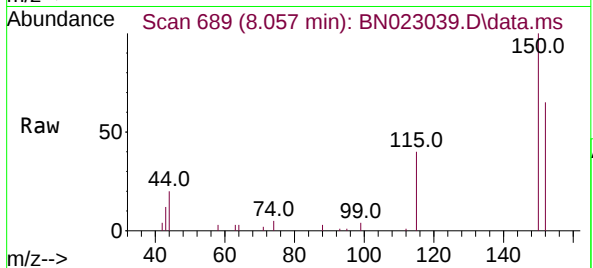
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.057 min Scan# 689
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

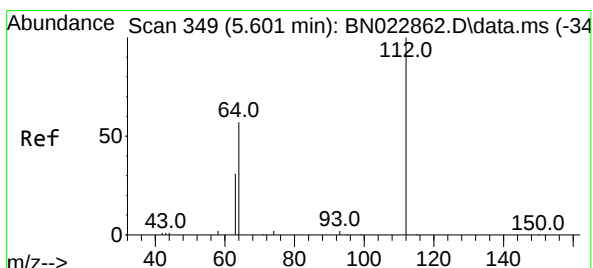
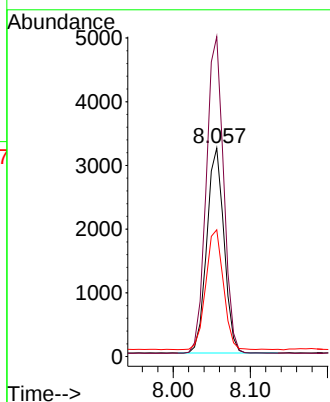
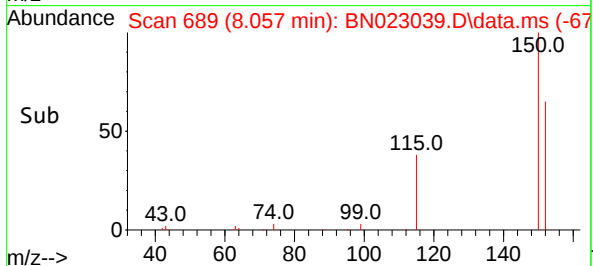
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



Tgt Ion:152 Resp: 5005
Ion Ratio Lower Upper
152 100
150 153.5 121.2 181.8
115 60.8 46.2 69.4

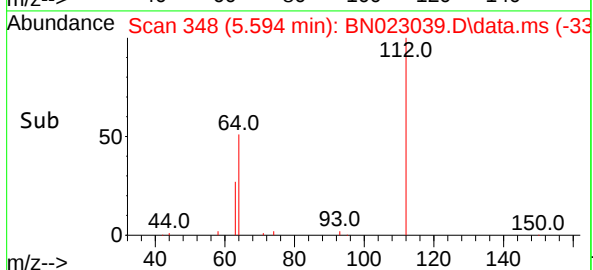
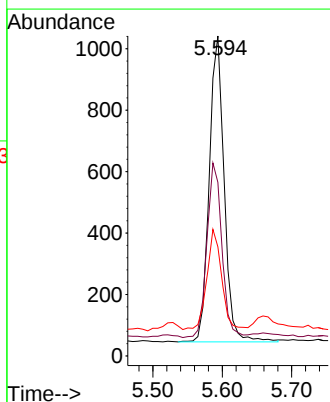
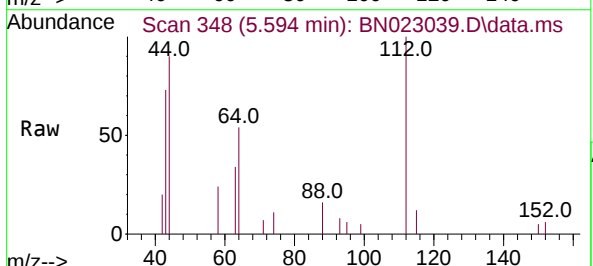
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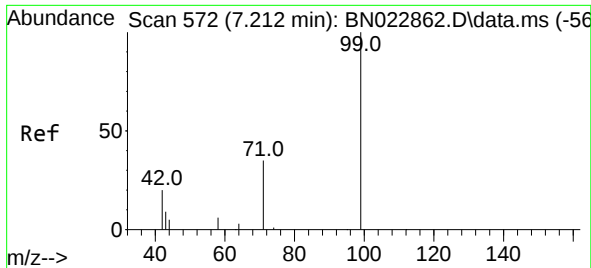
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#4
2-Fluorophenol
Concen: 0.115 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

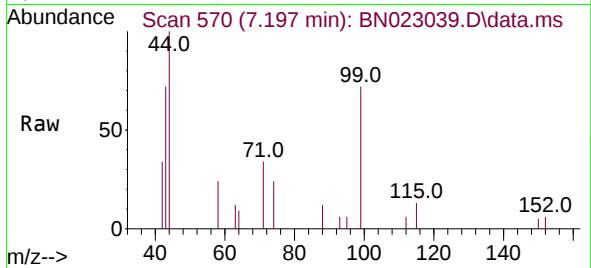
Tgt Ion:112 Resp: 1491
Ion Ratio Lower Upper
112 100
64 57.2 43.4 65.2
63 32.1 23.4 35.2





#5
Phenol-d6
Concen: 0.068 ng
RT: 7.197 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Instrument :
BNA_N
ClientSampleId :
FB01-20221121

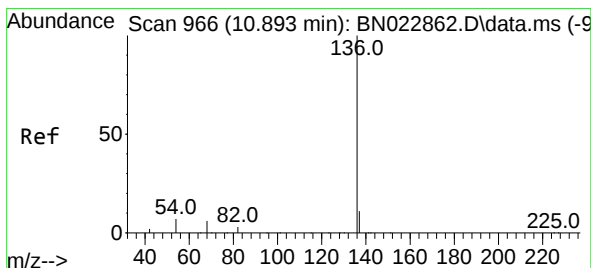
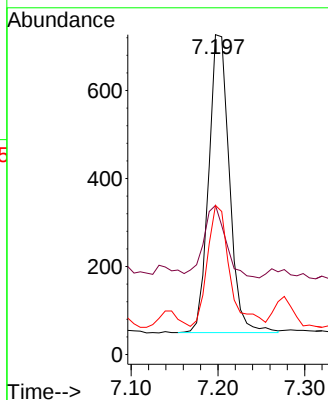
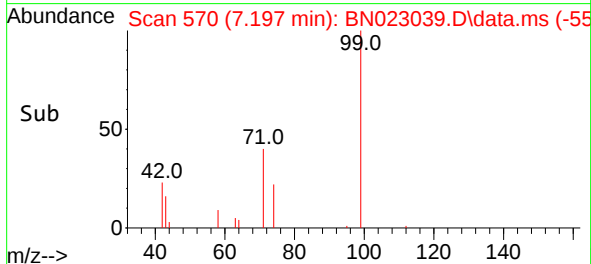


Tgt Ion: 99 Resp: 1120

Ion	Ratio	Lower	Upper
99	100		
42	26.1	16.0	24.0
71	44.7	26.8	40.2

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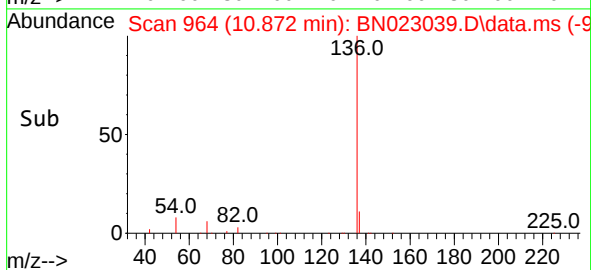
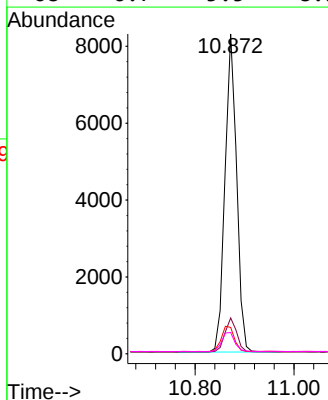
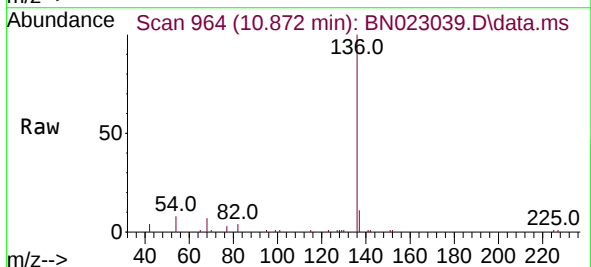
Reviewed By :Christian Giraldo 12/02/2022
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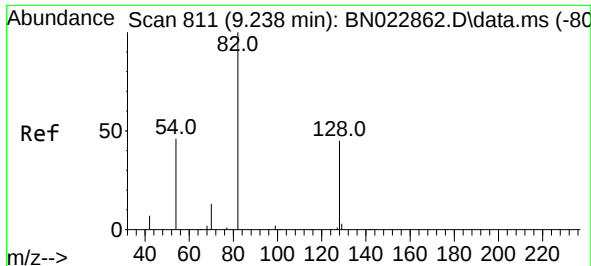


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 964
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:136 Resp: 13612

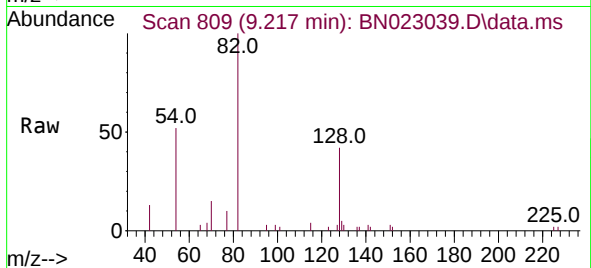
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.3	6.6	9.8
68	6.7	5.5	8.3





#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

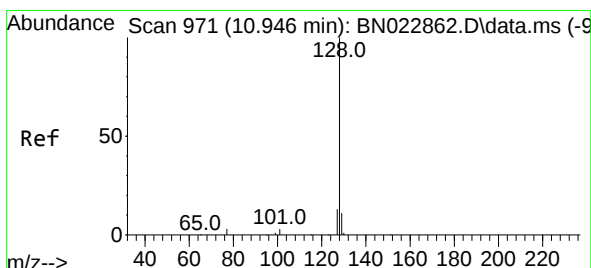
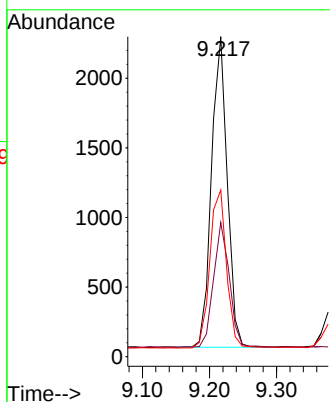
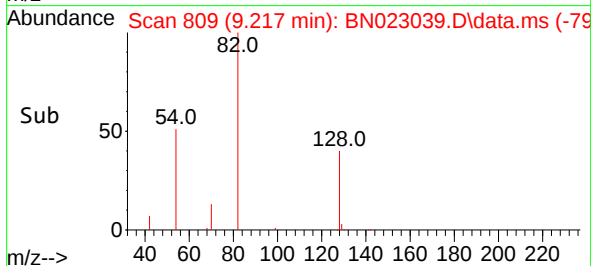
Instrument :
BNA_N
Client SampleId :
FB01-20221121



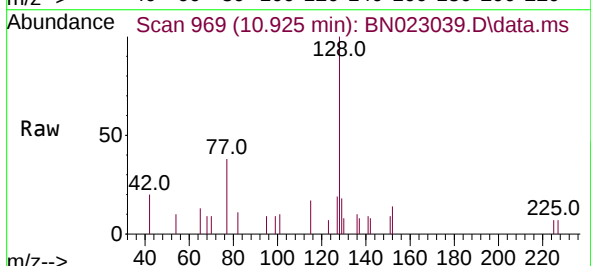
Tgt Ion: 82 Resp: 3649
Ion Ratio Lower Upper
82 100
128 41.9 36.6 54.8
54 52.1 38.5 57.7

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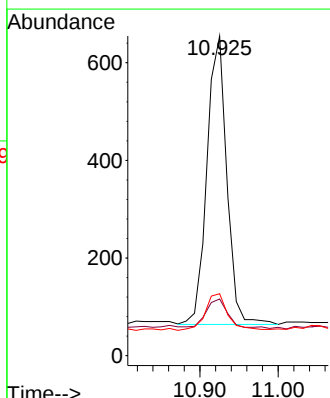
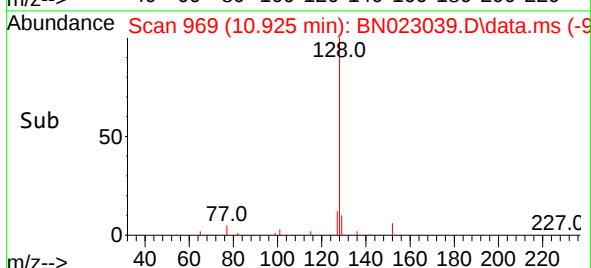
Reviewed By :Christian Giraldo 12/02/2022
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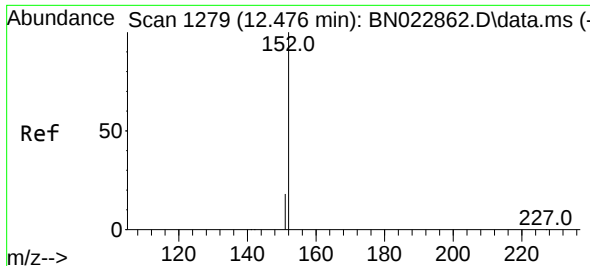


#9
Naphthalene
Concen: 0.025 ng
RT: 10.925 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32



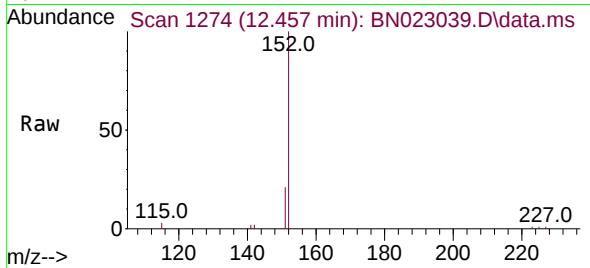
Tgt Ion:128 Resp: 1043
Ion Ratio Lower Upper
128 100
129 17.7 9.0 13.4#
127 19.4 10.8 16.2#





#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.457 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

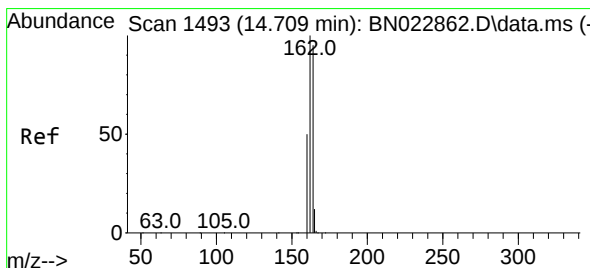
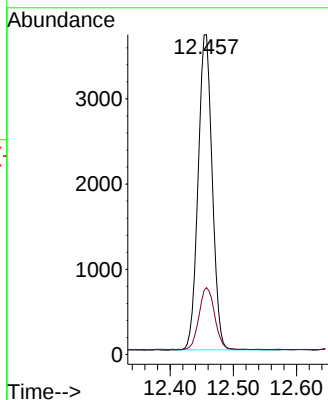
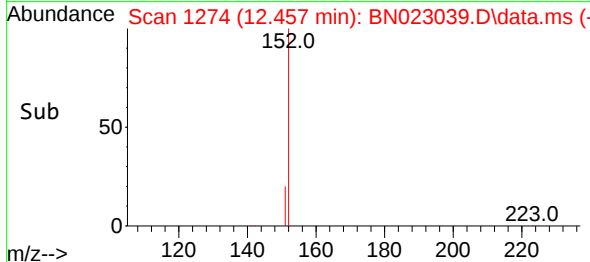
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



Tgt Ion:152 Resp: 7719
Ion Ratio Lower Upper
152 100
151 20.4 18.6 27.8

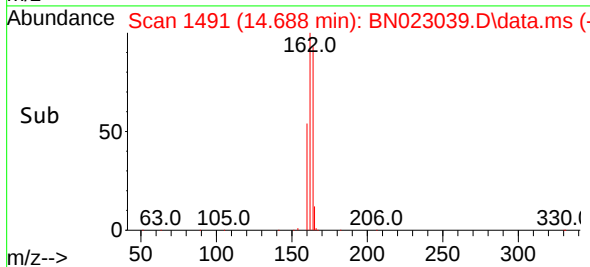
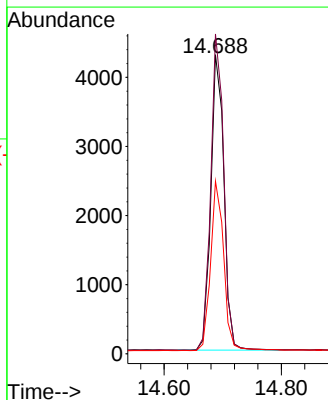
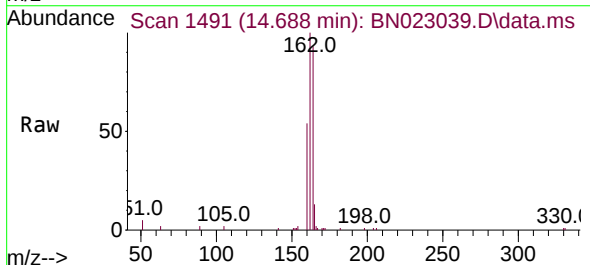
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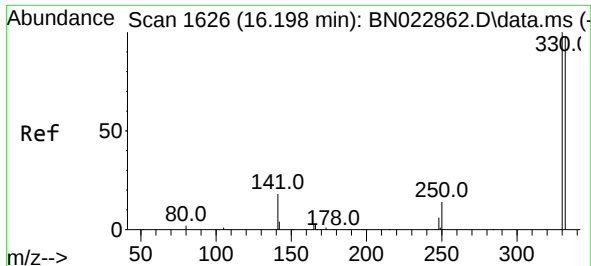
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.688 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Tgt Ion:164 Resp: 6630
Ion Ratio Lower Upper
164 100
162 107.0 84.2 126.4
160 57.8 42.5 63.7





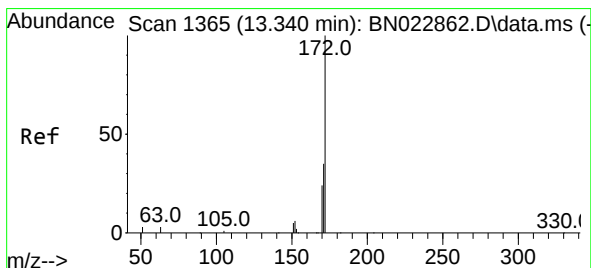
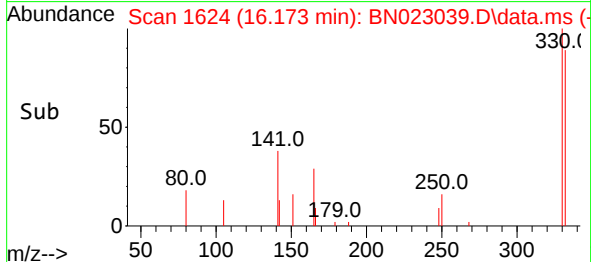
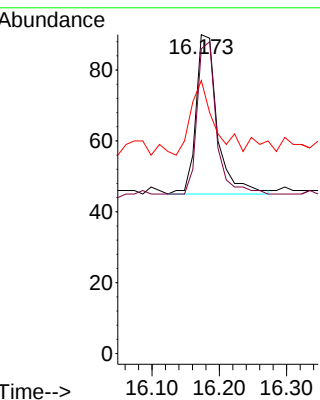
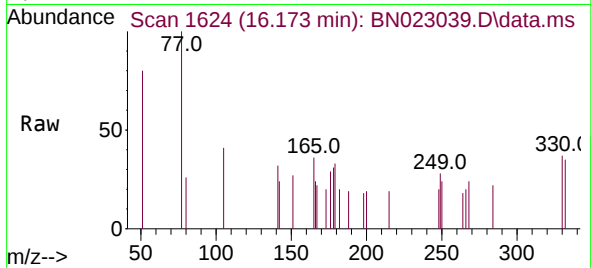
#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 16.173 min Scan# 1626
Delta R.T. -0.013 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

Instrument :
BNA_N
ClientSampleId :
FB01-20221121

Tgt Ion:330 Resp: 100
Ion Ratio Lower Upper
330 100
332 85.0 76.5 114.7
141 51.0 32.6 48.8

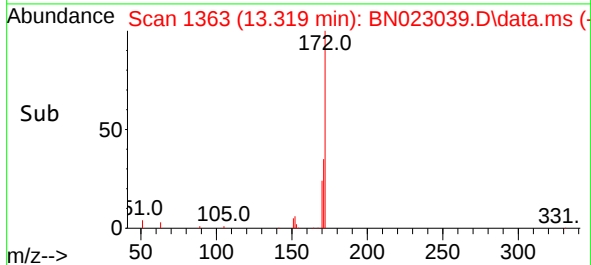
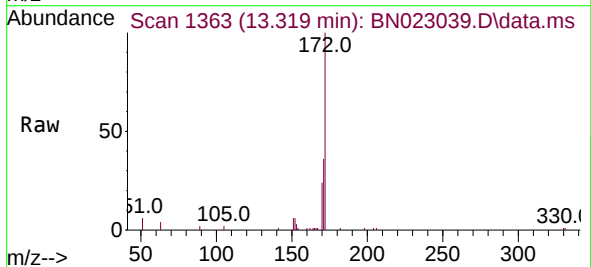
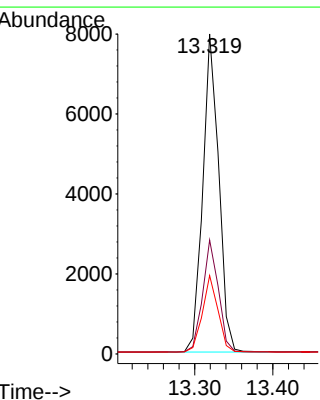
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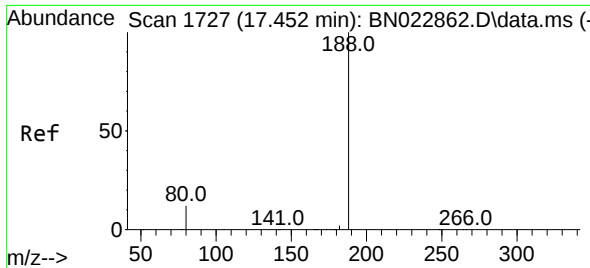
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 13.319 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

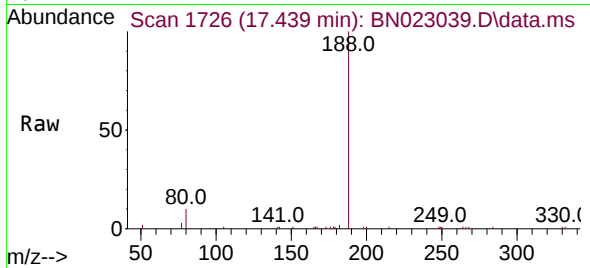
Tgt Ion:172 Resp: 11301
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.4
170 24.5 19.3 28.9





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

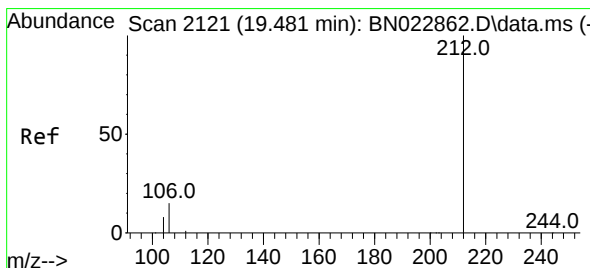
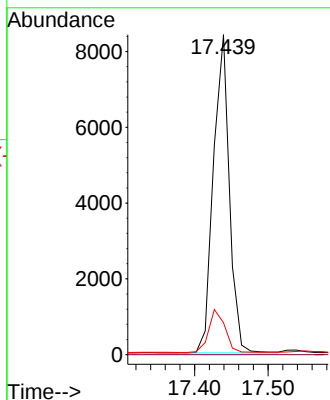
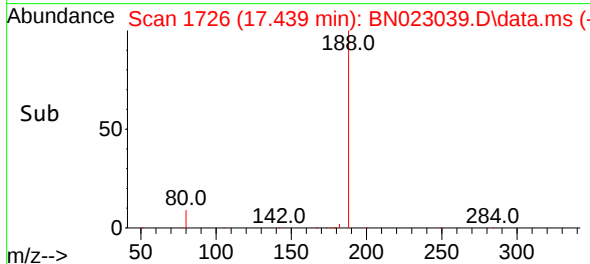
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



Tgt Ion:188 Resp: 12712
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.0 10.3 15.5

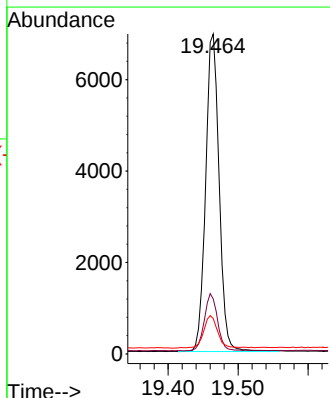
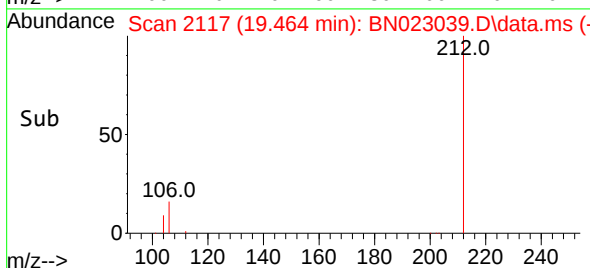
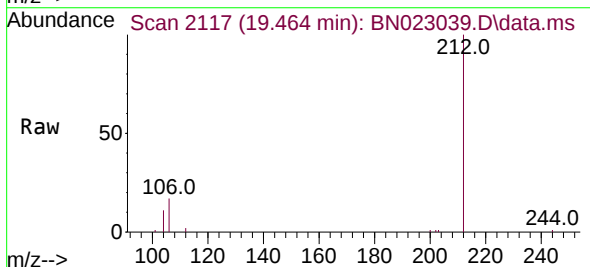
Manual Integrations
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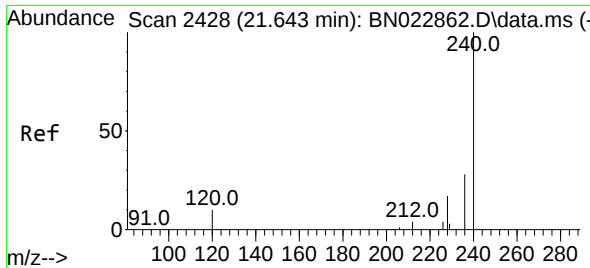
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

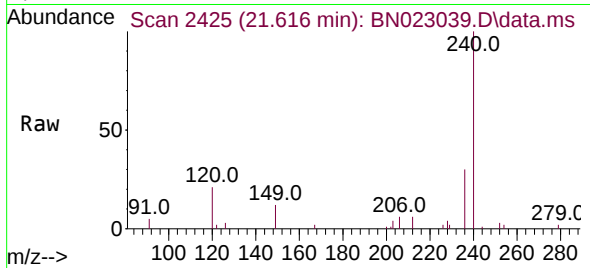
Tgt Ion:212 Resp: 9309
Ion Ratio Lower Upper
212 100
106 17.8 12.3 18.5
104 10.6 7.0 10.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.616 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

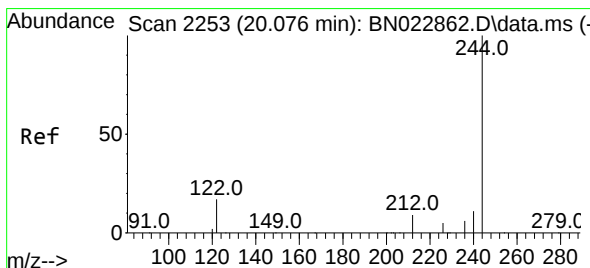
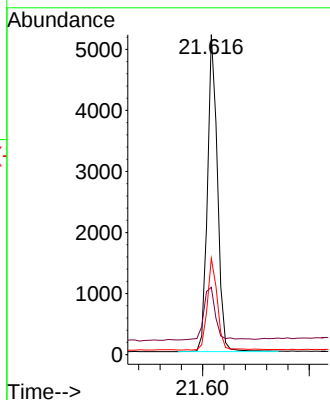
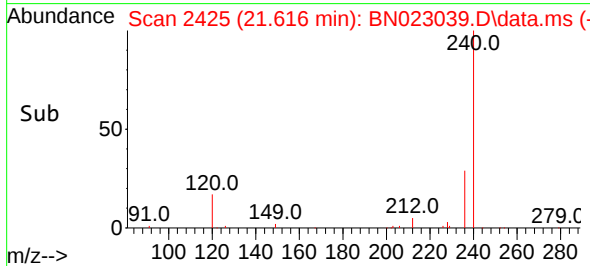
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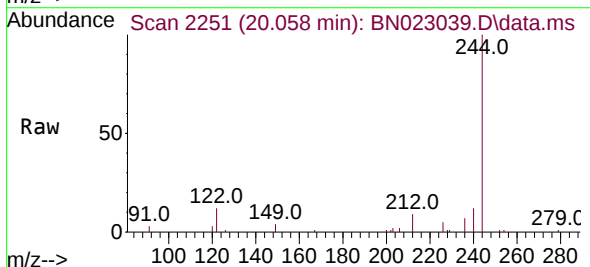
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Ion Ratio Lower Upper
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120 21.0 9.2 13.8
236 30.1 22.6 34.0

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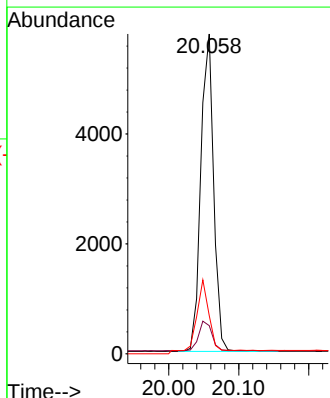
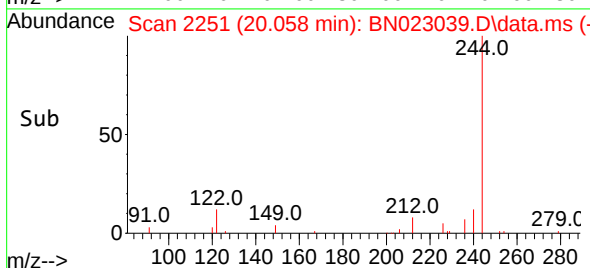
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

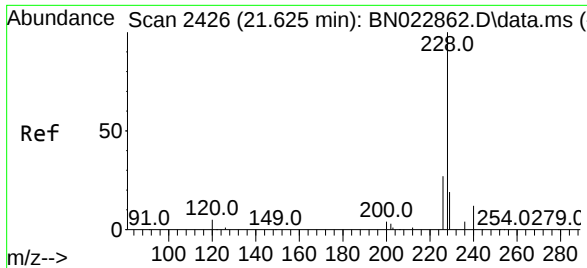


#31
Terphenyl-d14
Concen: 0.456 ng
RT: 20.058 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32



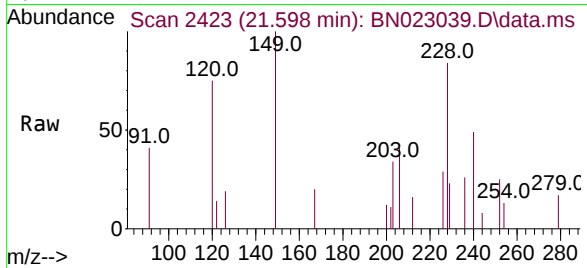
Tgt Ion:244 Resp: 7292
Ion Ratio Lower Upper
244 100
212 8.8 7.9 11.9
122 12.0 13.9 20.9





#32
Benzo(a)anthracene
Concen: 0.026 ng
RT: 21.598 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

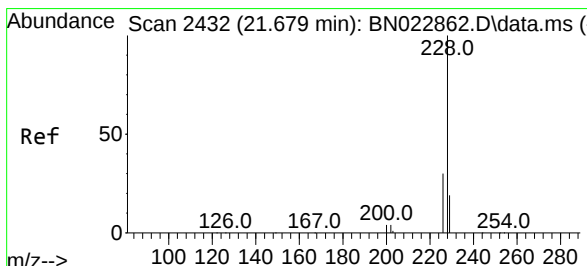
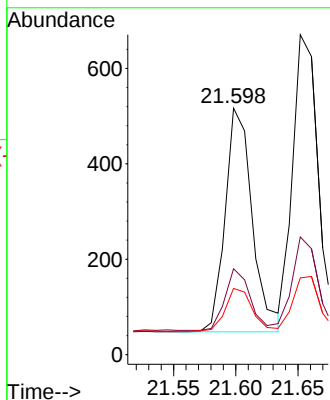
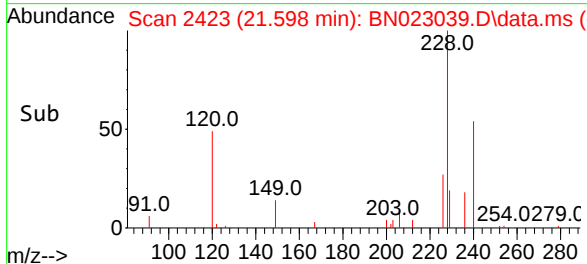
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



Tgt Ion:228 Resp: 711
Ion Ratio Lower Upper
228 100
226 34.8 22.1 33.1#
229 26.9 15.8 23.6#

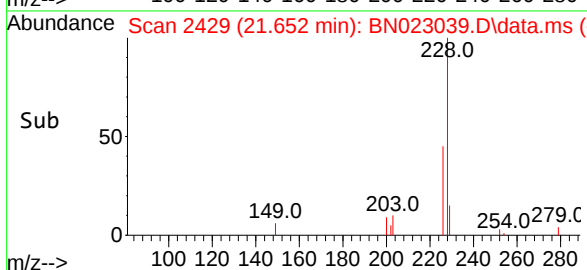
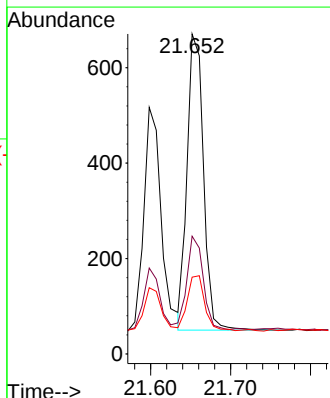
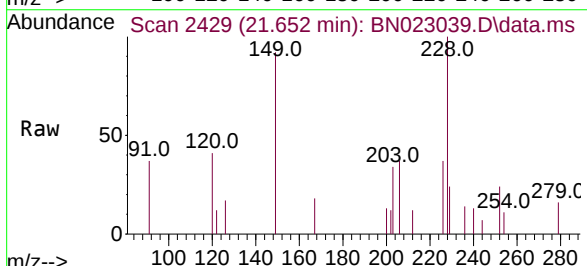
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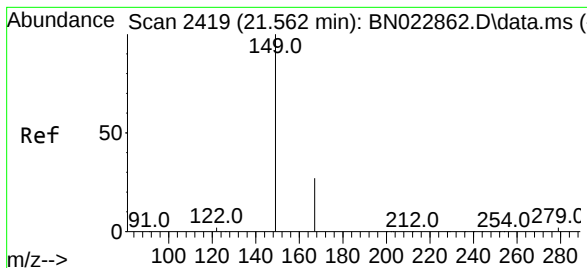
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022



#33
Chrysene
Concen: 0.031 ng
RT: 21.652 min Scan# 2429
Delta R.T. -0.009 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

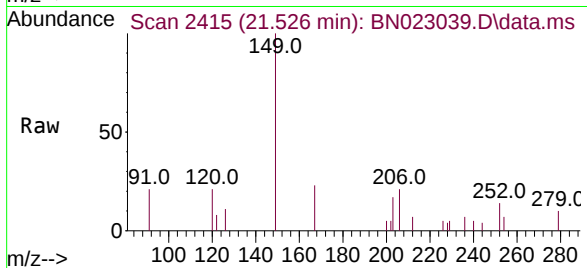
Tgt Ion:228 Resp: 883
Ion Ratio Lower Upper
228 100
226 36.8 24.5 36.7#
229 24.0 15.8 23.6#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.071 ng
RT: 21.526 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

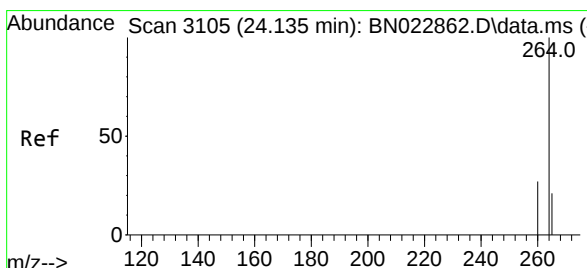
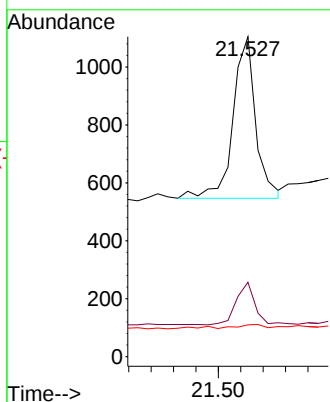
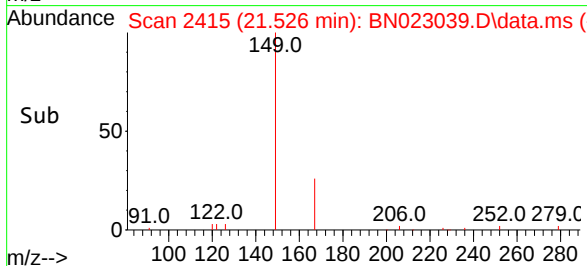
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



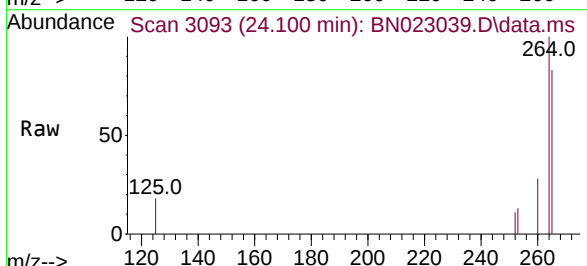
Tgt Ion:149 Resp: 788
Ion Ratio Lower Upper
149 100
167 21.3 21.3 31.9
279 3.7 2.3 3.5

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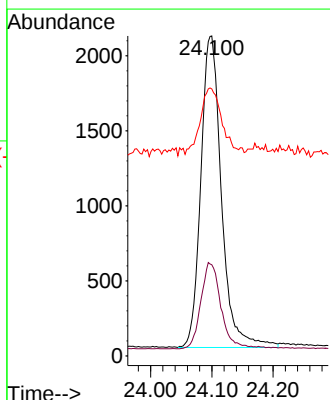
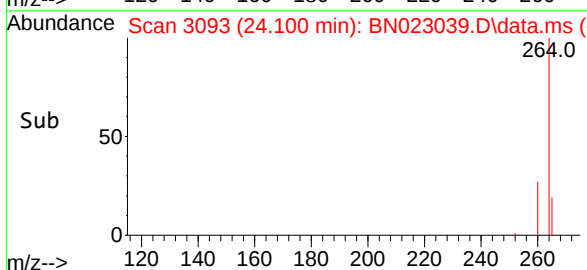
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

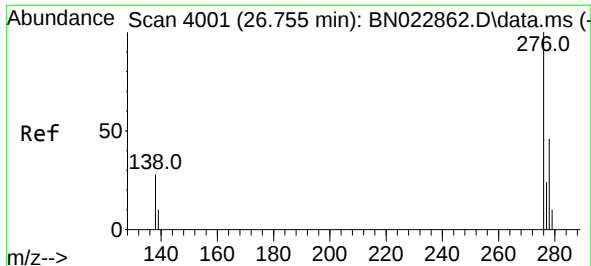


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.100 min Scan# 3093
Delta R.T. -0.003 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32



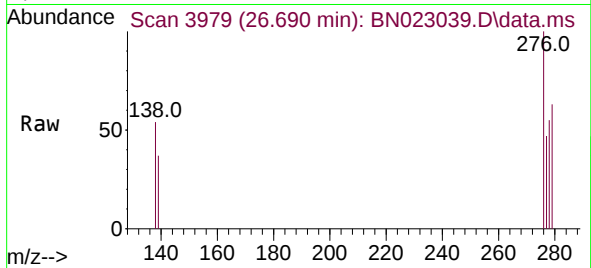
Tgt Ion:264 Resp: 4860
Ion Ratio Lower Upper
264 100
260 28.5 21.7 32.5
265 83.5 31.0 46.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.035 ng m
RT: 26.690 min Scan# 3979
Delta R.T. -0.006 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32

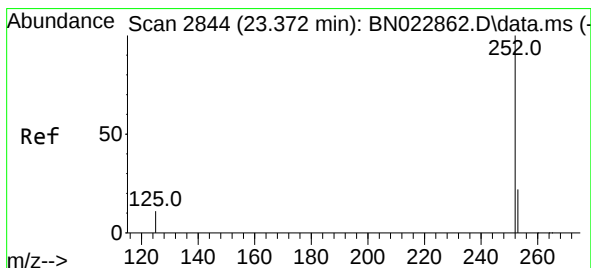
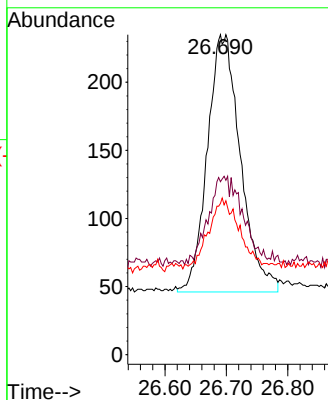
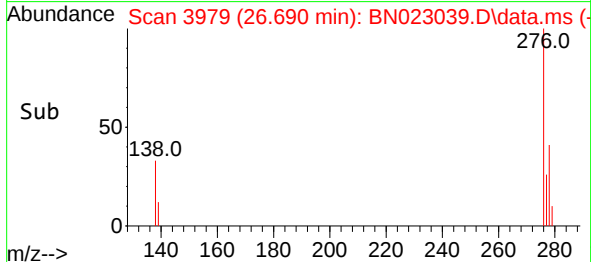
Instrument :
BNA_N
ClientSampleId :
FB01-20221121



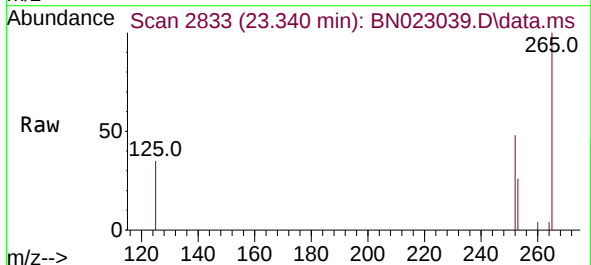
Tgt Ion:276 Resp: 709
Ion Ratio Lower Upper
276 100
138 21.3 24.4 36.6#
277 23.1 19.9 29.9#

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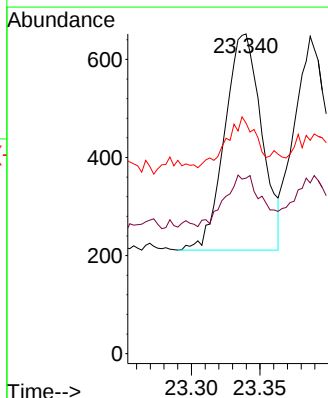
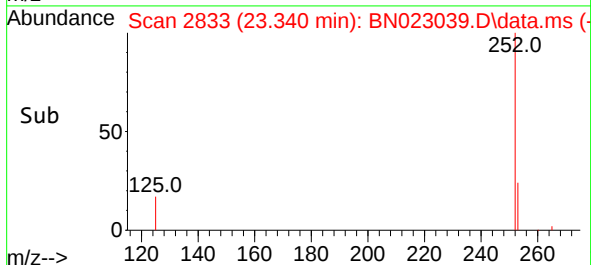
Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

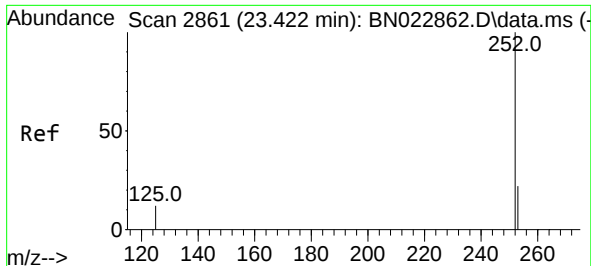


#37
Benzo(b)fluoranthene
Concen: 0.038 ng
RT: 23.340 min Scan# 2833
Delta R.T. -0.000 min
Lab File: BN023039.D
Acq: 02 Dec 2022 05:32



Tgt Ion:252 Resp: 827
Ion Ratio Lower Upper
252 100
253 54.9 18.5 27.7#
125 72.1 10.8 16.2#





#38

Benzo(k)fluoranthene

Concen: 0.032 ng

RT: 23.387 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN023039.D

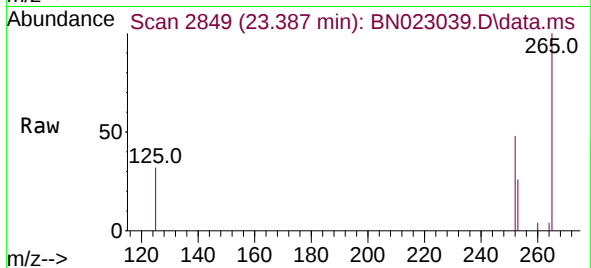
Acq: 02 Dec 2022 05:32

Instrument :

BNA_N

ClientSampleId :

FB01-20221121



Tgt Ion:252 Resp: 760

Ion Ratio Lower Upper

252 100

253 53.8 18.6 27.8

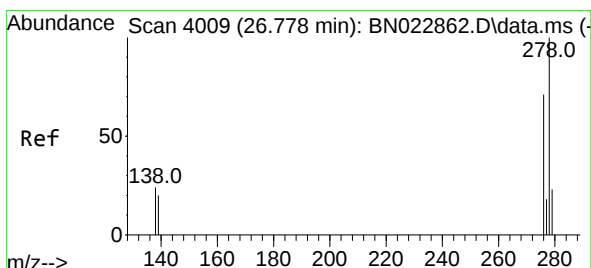
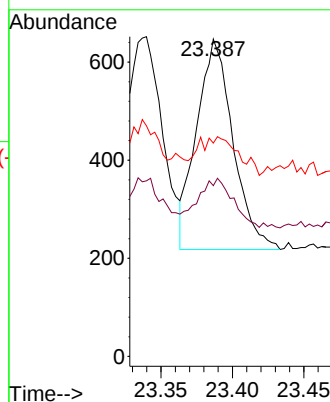
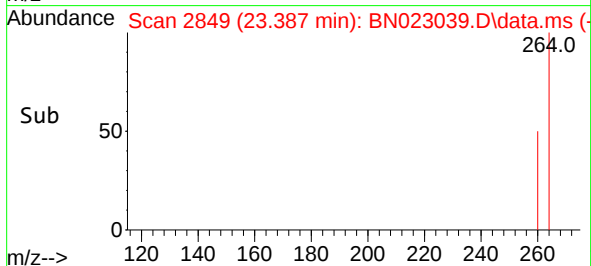
125 67.2 11.0 16.4

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Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.037 ng

RT: 26.711 min Scan# 3986

Delta R.T. -0.006 min

Lab File: BN023039.D

Acq: 02 Dec 2022 05:32

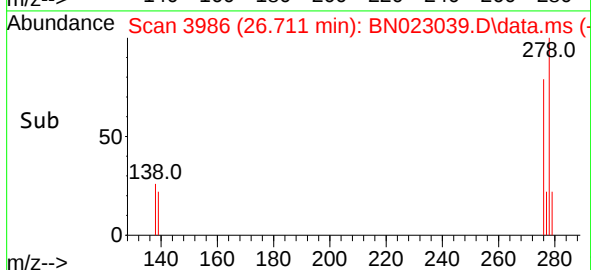
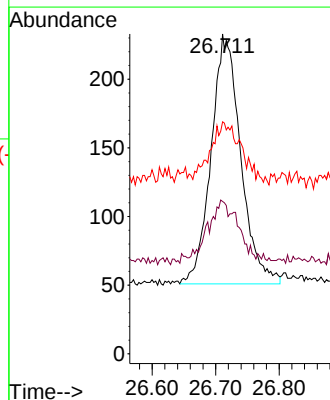
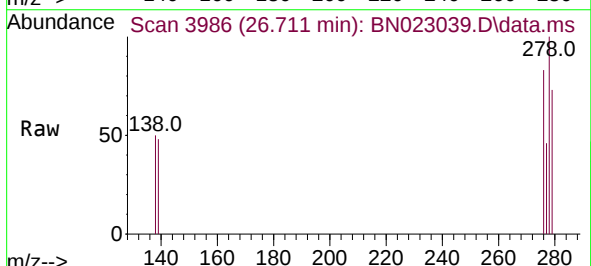
Tgt Ion:278 Resp: 587

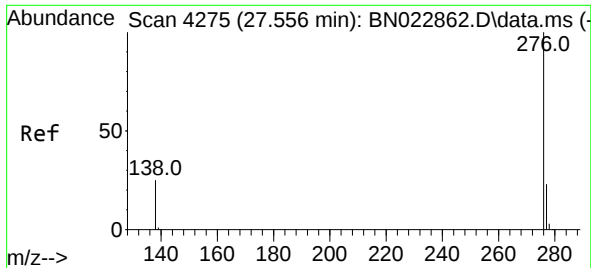
Ion Ratio Lower Upper

278 100

139 47.6 17.4 26.0

279 72.5 20.0 30.0





#41

Benzo(g,h,i)perylene

Concen: 0.039 ng

RT: 27.486 min Scan# 41

Delta R.T. -0.009 min

Lab File: BN023039.D

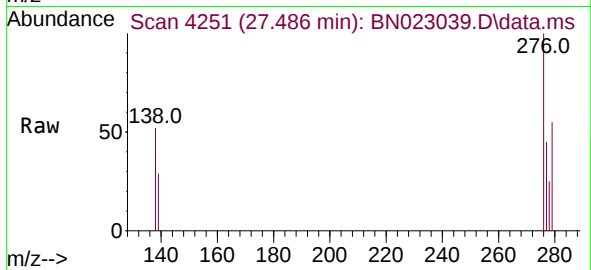
Acq: 02 Dec 2022 05:32

Instrument :

BNA_N

ClientSampleId :

FB01-20221121



Tgt Ion:276 Resp: 668

Ion Ratio Lower Upper

276 100

277 45.3 19.7 29.5

138 52.1 21.4 32.2

Manual Integrations

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Reviewed By :Christian Giraldo 12/02/2022

Supervised By :Jagrut Upadhyay 12/02/2022

