

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
 Data File : BN033122.D
 Acq On : 31 Jul 2024 02:37
 Operator : MA/JU
 Sample : P3395-01
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-440-460-072924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 31 03:43:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 10:37:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1336m	0.400	ng	0.05
7) Naphthalene-d8	10.351	136	5226	0.400	ng	# 0.02
13) Acenaphthene-d10	14.158	164	3558	0.400	ng	-0.01
19) Phenanthrene-d10	16.933	188	9109	0.400	ng	-0.02
29) Chrysene-d12	21.142	240	10204	0.400	ng	-0.02
35) Perylene-d12	23.329	264	11347	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.286	112	615m	0.182	ng	0.04
5) Phenol-d6	7.091	99	622m	0.148	ng	0.19
8) Nitrobenzene-d5	8.931	82	1174m	0.298	ng	0.07
11) 2-Methylnaphthalene-d10	11.931	152	2428	0.304	ng	-0.02
14) 2,4,6-Tribromophenol	15.704	330	493	0.324	ng	-0.04
15) 2-Fluorobiphenyl	12.800	172	4012	0.303	ng	-0.02
27) Fluoranthene-d10	18.964	212	10071	0.427	ng	-0.03
31) Terphenyl-d14	19.559	244	8595	0.411	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.090	88	734	0.443	ng	# 74
28) Fluoranthene	19.001	202	696	0.023	ng	# 90
32) Benzo(a)anthracene	21.134	228	1306	0.040	ng	# 77
33) Chrysene	21.178	228	2052	0.053	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.017	149	6705	0.375	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.563	276	1932	0.043	ng	97
37) Benzo(b)fluoranthene	22.680	252	1786	0.045	ng	# 1
38) Benzo(k)fluoranthene	22.724	252	1890	0.042	ng	# 1
39) Benzo(a)pyrene	23.250	252	1235	0.035	ng	# 1
40) Dibenzo(a,h)anthracene	25.548	278	1482	0.042	ng	# 1
41) Benzo(g,h,i)perylene	26.235	276	1718	0.044	ng	# 46

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

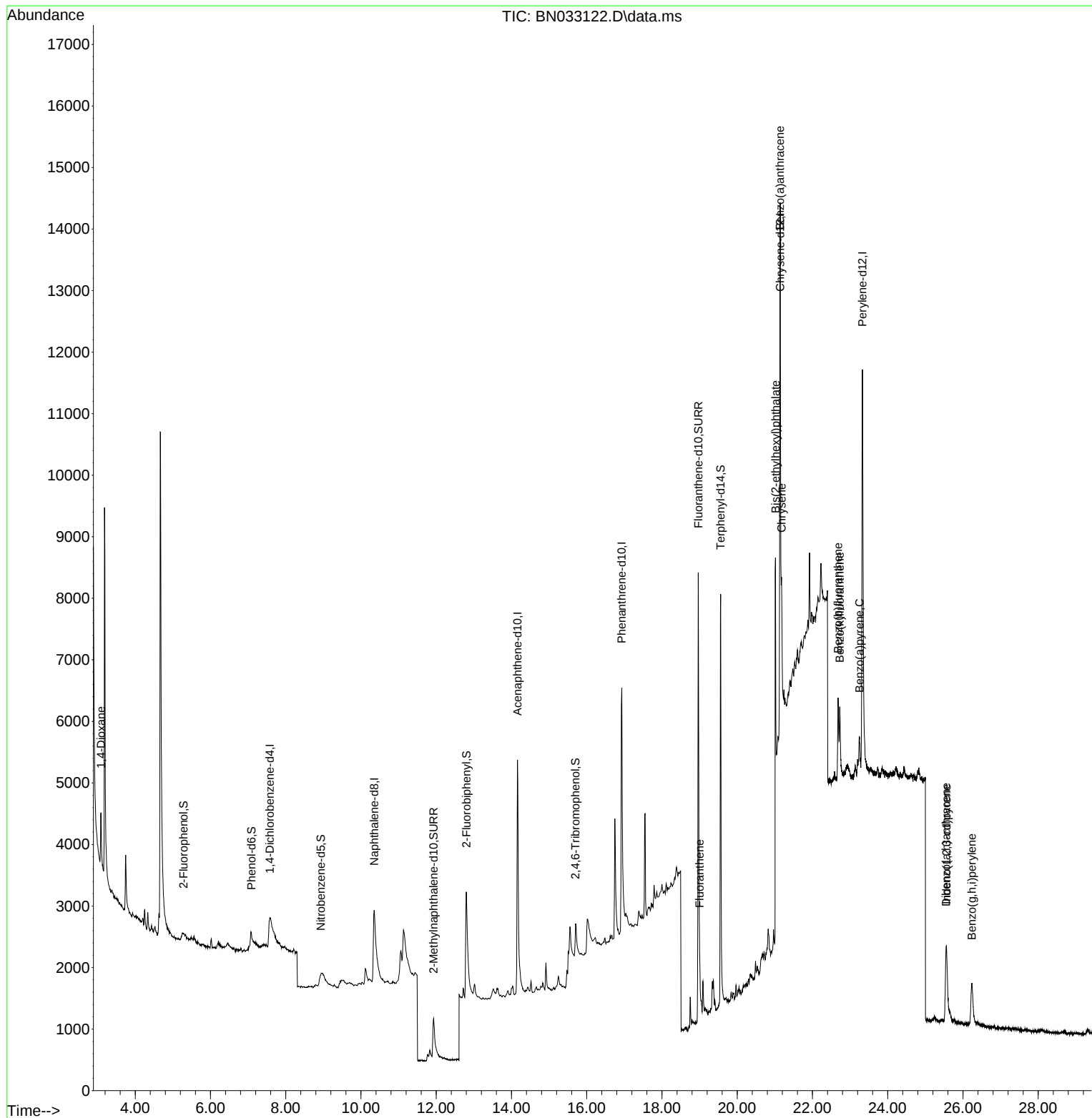
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073124\
Data File : BN033122.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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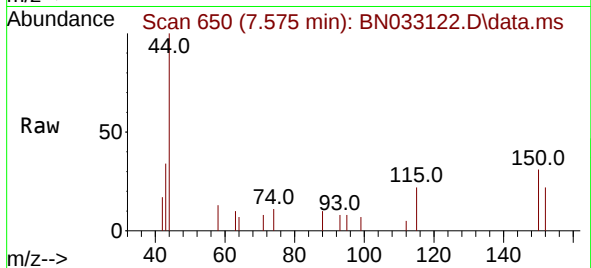
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng m
 RT: 7.575 min Scan# 61
 Delta R.T. 0.051 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

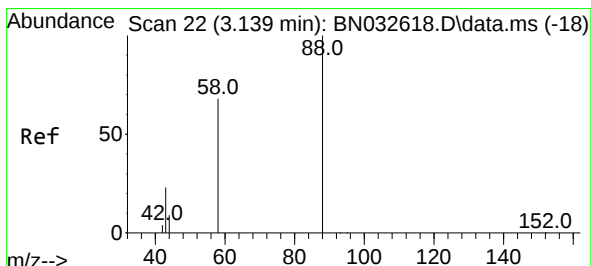
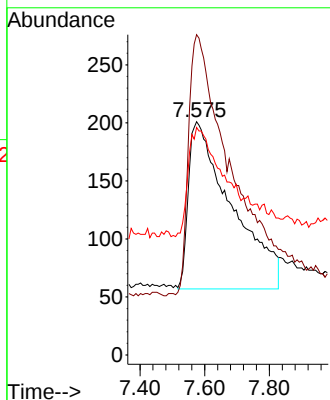
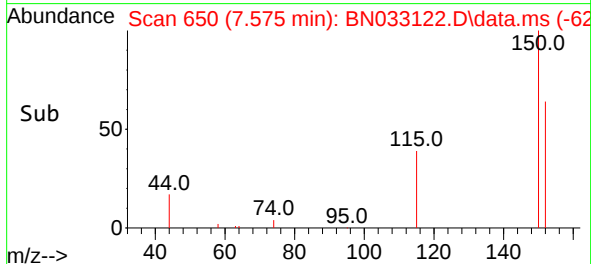
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-440-460-072924



Tgt Ion: 152 Resp: 1330
 Ion Ratio Lower Upper
 152 100
 150 137.3 123.8 185.6
 115 97.5 52.8 79.2

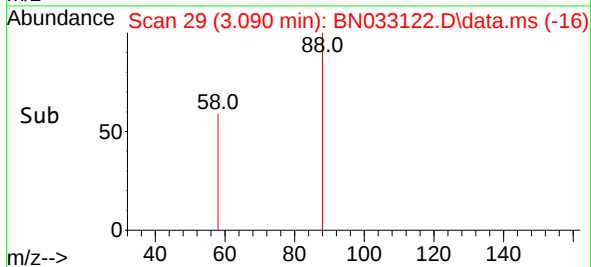
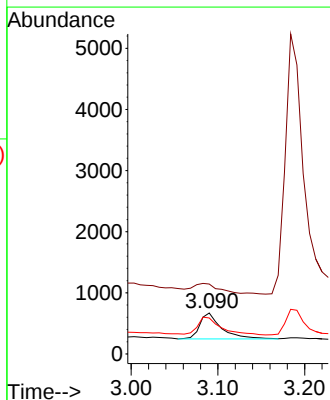
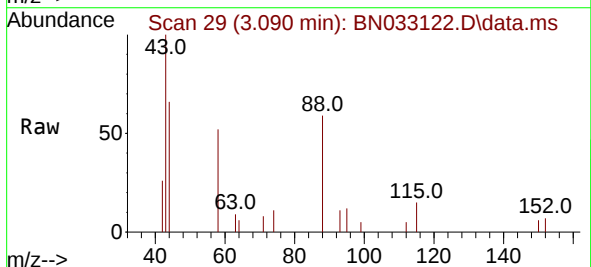
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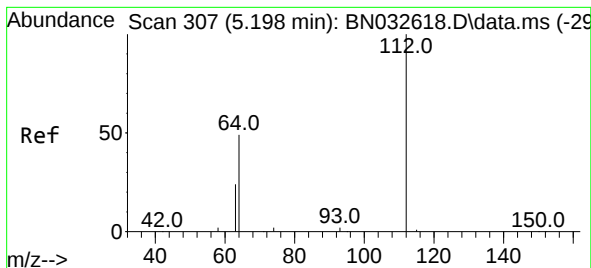
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#2
 1,4-Dioxane
 Concen: 0.443 ng
 RT: 3.090 min Scan# 29
 Delta R.T. -0.007 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

Tgt Ion: 88 Resp: 734
 Ion Ratio Lower Upper
 88 100
 43 51.8 18.4 27.6
 58 72.3 49.2 73.8





#4

2-Fluorophenol

Concen: 0.182 ng m

RT: 5.286 min Scan# 31

Delta R.T. 0.043 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924

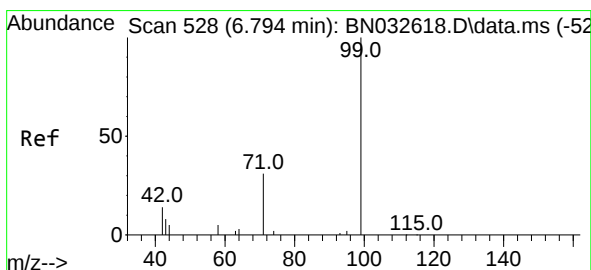
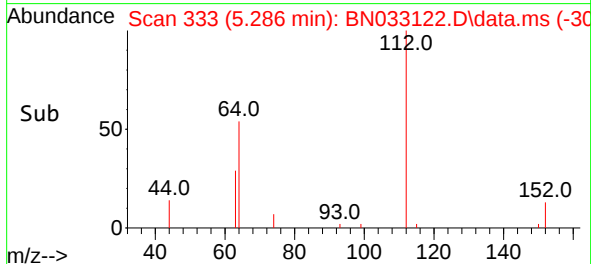
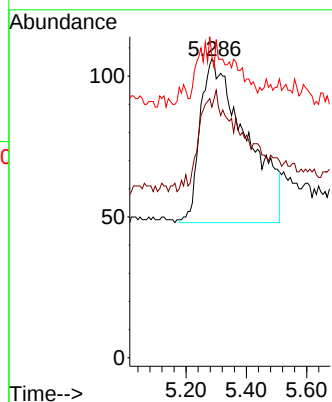
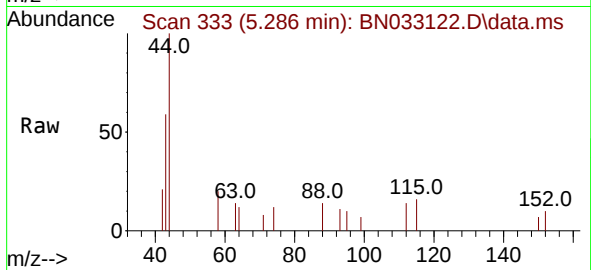
Tgt Ion:	112	Resp:	61
Ion	Ratio	Lower	Upper
112	100		
64	15.3	40.2	60.4
63	0.0	22.2	33.4

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Supervised By :mohammad ahmed 07/31/2024



#5

Phenol-d6

Concen: 0.148 ng m

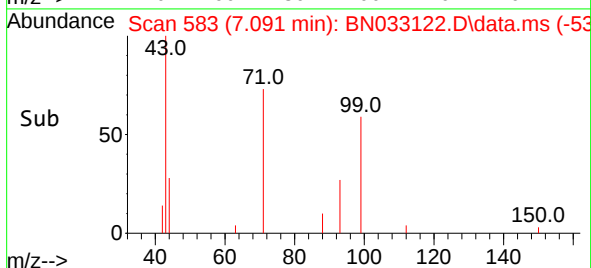
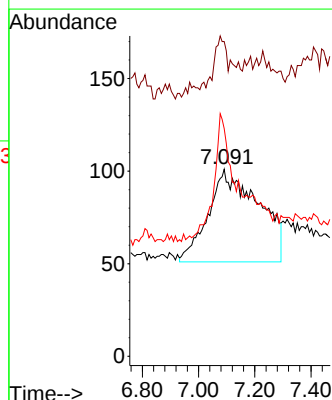
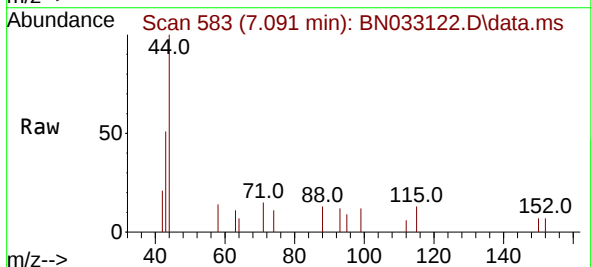
RT: 7.091 min Scan# 583

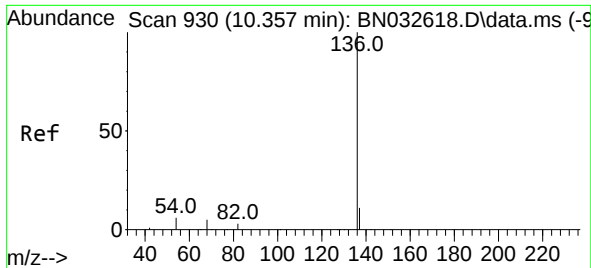
Delta R.T. 0.188 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

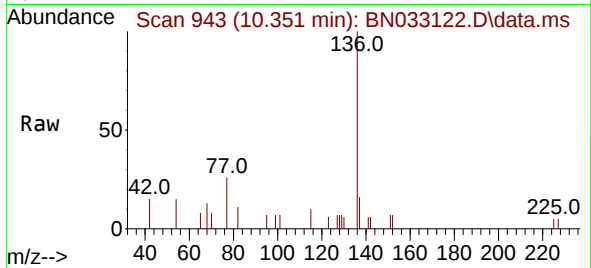
Tgt Ion:	99	Resp:	622
Ion	Ratio	Lower	Upper
99	100		
42	20.1	10.5	15.7#
71	49.2	22.3	33.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. 0.021 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

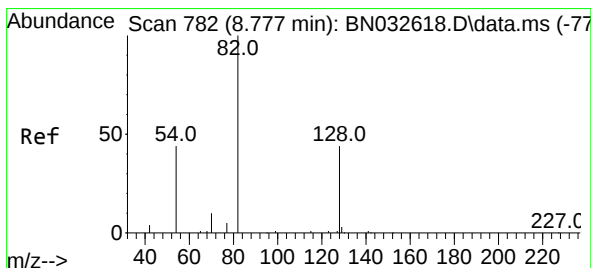
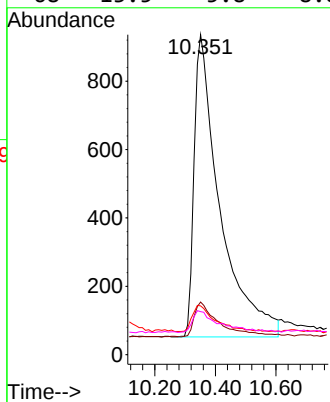
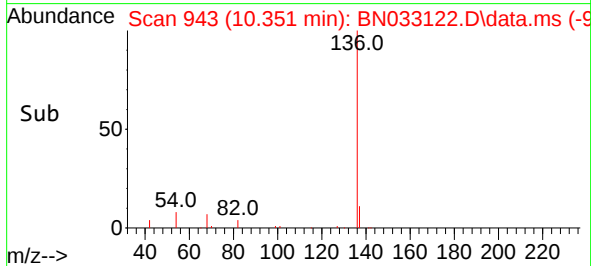
Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924



Tgt Ion: 136 Resp: 5220
Ion Ratio Lower Upper
136 100
137 16.5 9.9 14.9#
54 15.3 6.5 9.7#
68 13.5 5.8 8.8#

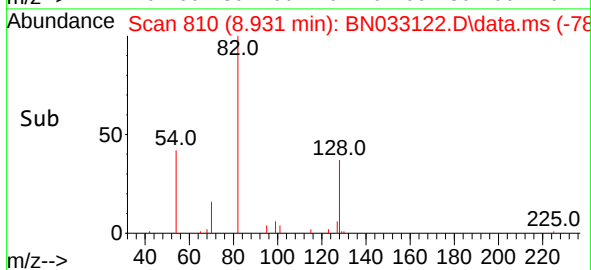
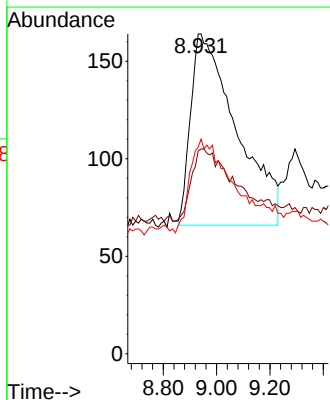
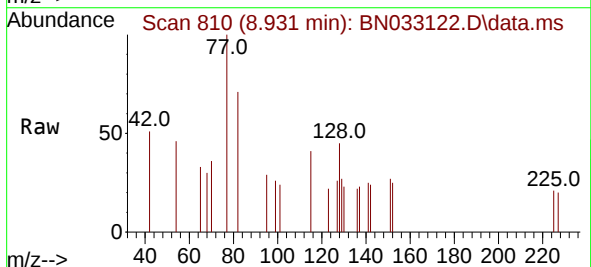
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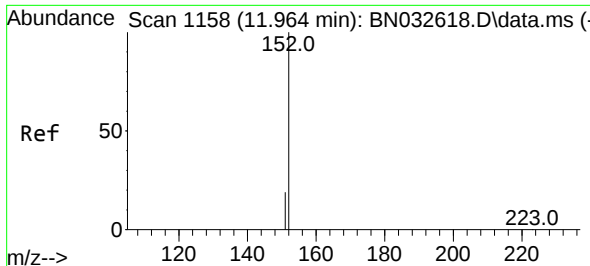
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#8
Nitrobenzene-d5
Concen: 0.298 ng m
RT: 8.931 min Scan# 810
Delta R.T. 0.075 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

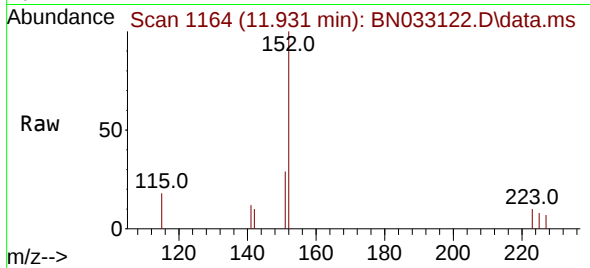
Tgt Ion: 82 Resp: 1174
Ion Ratio Lower Upper
82 100
128 63.4 41.7 62.5#
54 64.6 39.5 59.3#





#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 11.931 min Scan# 1158
Delta R.T. -0.015 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

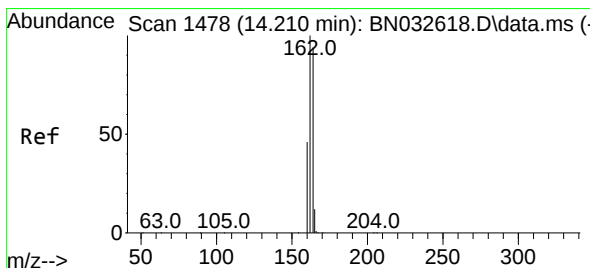
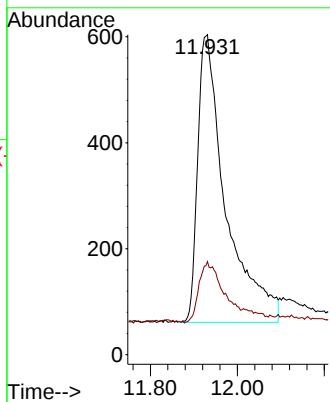
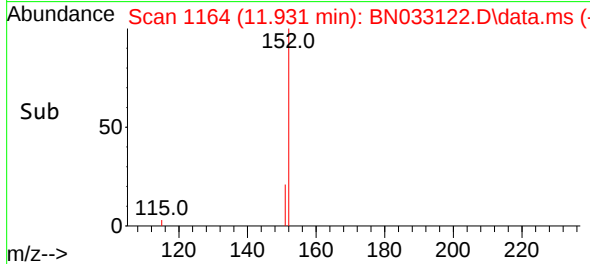
Instrument :
BNA_N
ClientSampleId :
GWR-05-440-460-072924



Tgt Ion:152 Resp: 2428
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.2

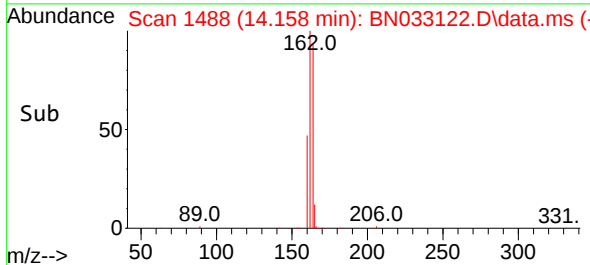
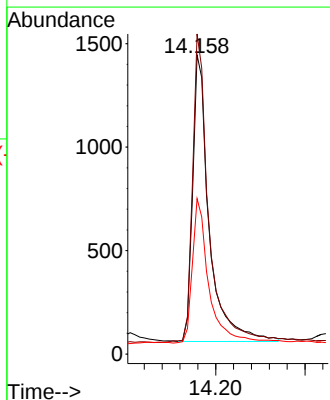
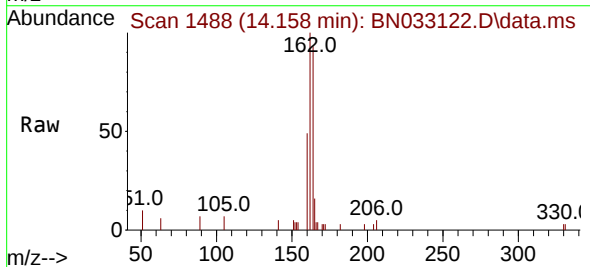
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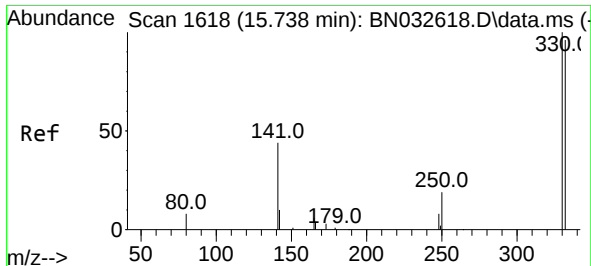
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.158 min Scan# 1488
Delta R.T. -0.011 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

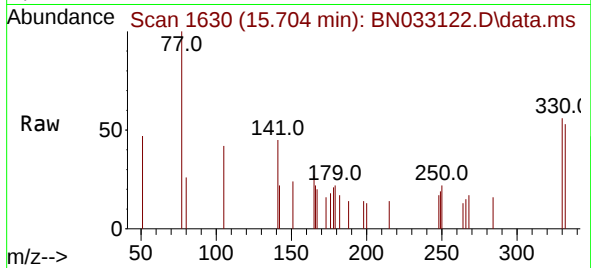
Tgt Ion:164 Resp: 3558
Ion Ratio Lower Upper
164 100
162 107.0 85.0 127.4
160 51.9 39.4 59.2





#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.704 min Scan# 1630
Delta R.T. -0.037 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

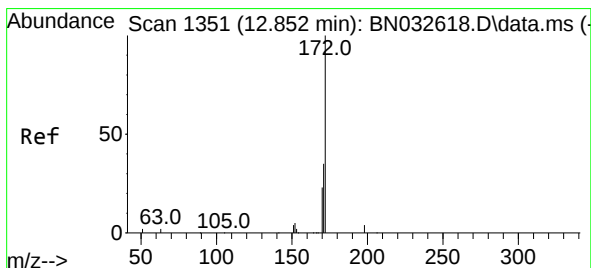
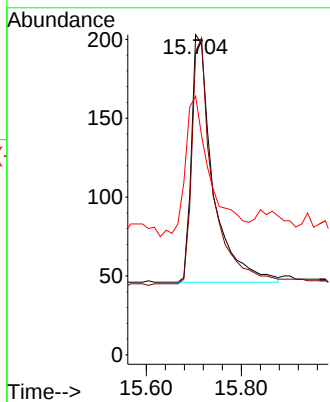
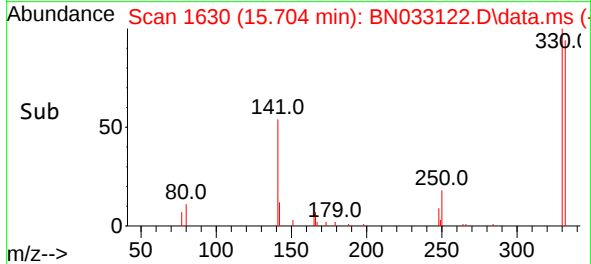
Instrument :
BNA_N
ClientSampleId :
GWRB-05-440-460-072924



Tgt Ion:330 Resp: 491
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 62.3 34.2 51.2

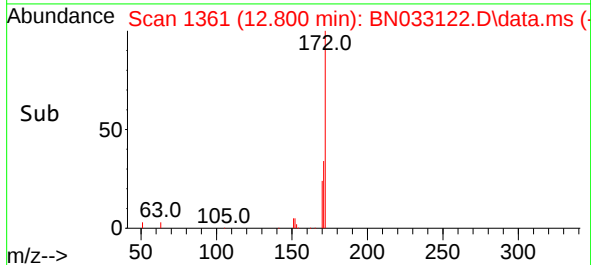
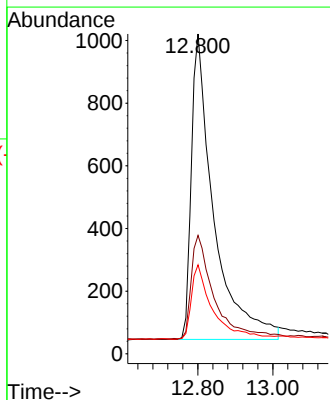
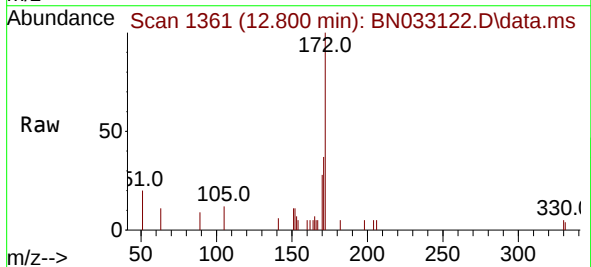
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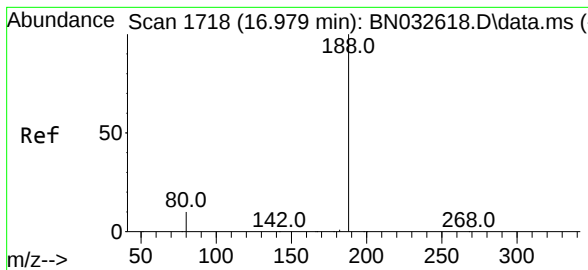
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.800 min Scan# 1361
Delta R.T. -0.021 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

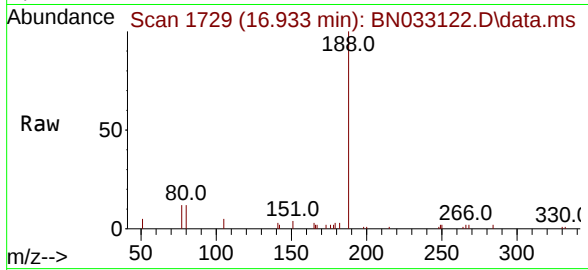
Tgt Ion:172 Resp: 4012
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 27.8 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.933 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

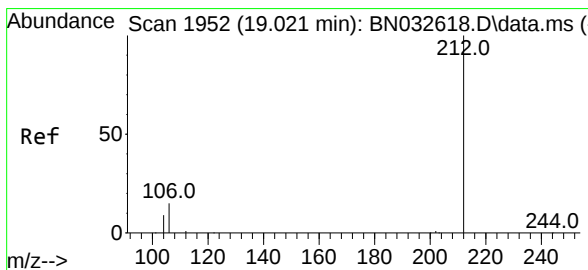
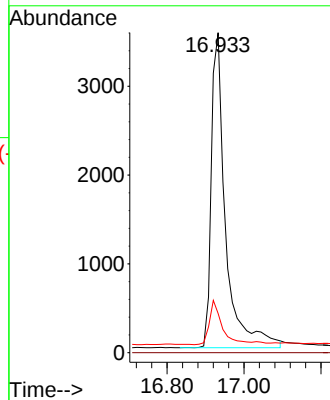
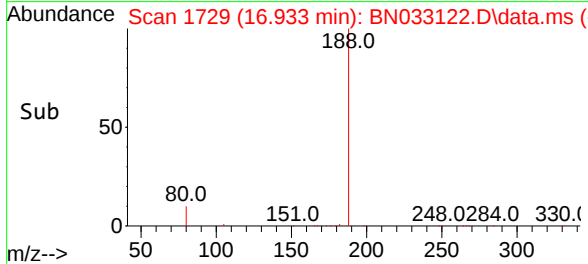
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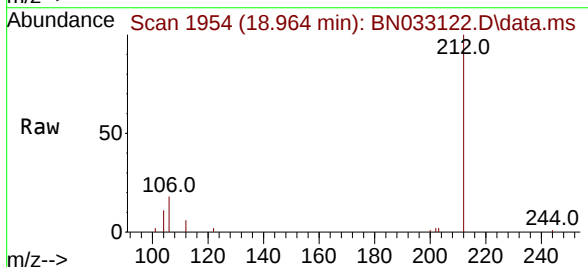
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Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 8.8 13.2

Manual Integrations
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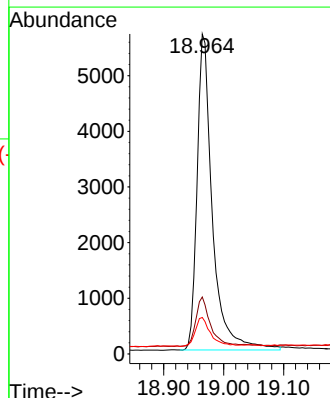
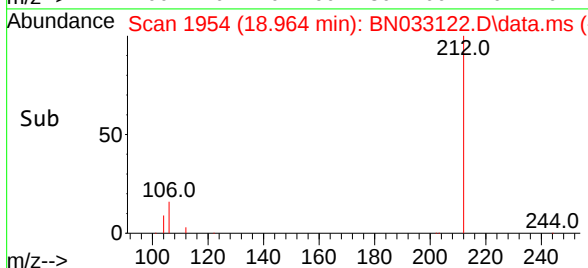
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

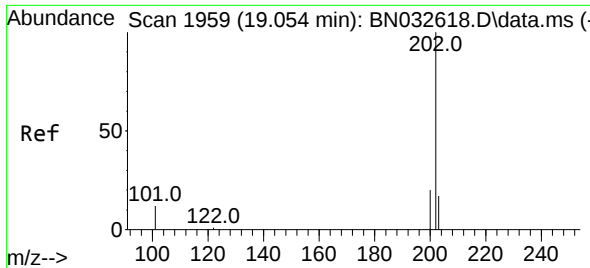


#27
Fluoranthene-d10
Concen: 0.427 ng
RT: 18.964 min Scan# 1954
Delta R.T. -0.028 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37



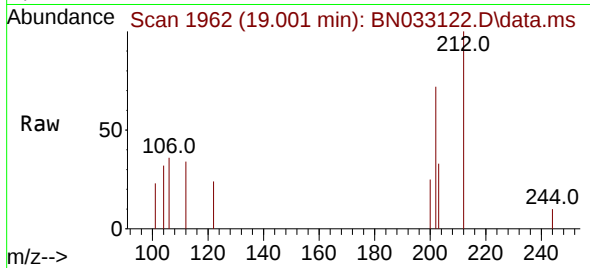
Tgt Ion:212 Resp: 10071
Ion Ratio Lower Upper
212 100
106 15.5 11.9 17.9
104 9.2 6.9 10.3





#28
Fluoranthene
Concen: 0.023 ng
RT: 19.001 min Scan# 1959
Delta R.T. -0.019 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

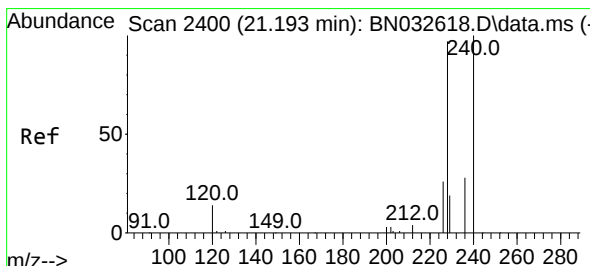
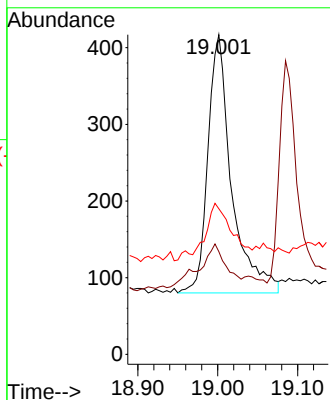
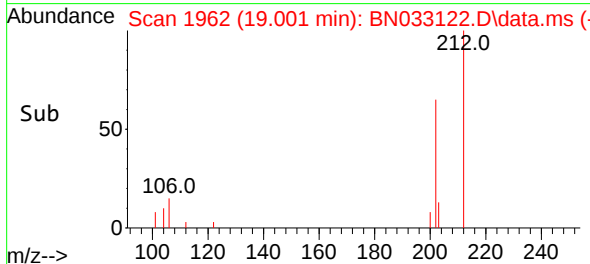
Instrument :
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ClientSampleId :
GWBR-05-440-460-072924



Tgt Ion:202 Resp: 690
Ion Ratio Lower Upper
202 100
101 19.3 9.6 14.4
203 19.1 13.8 20.6

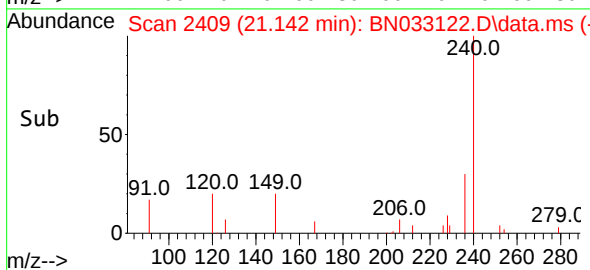
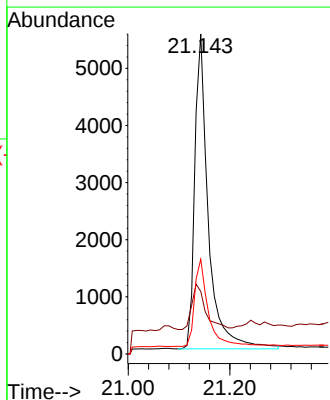
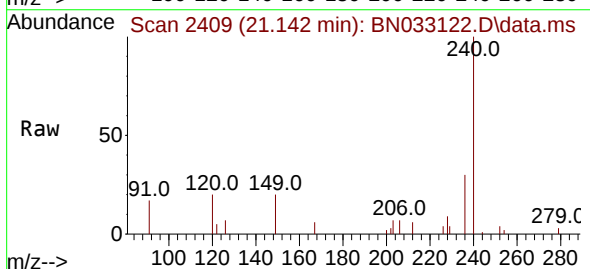
Manual Integrations
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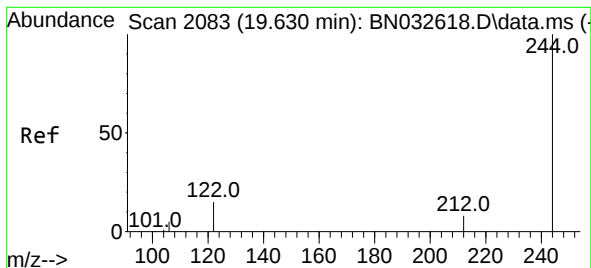
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.142 min Scan# 2409
Delta R.T. -0.018 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

Tgt Ion:240 Resp: 10204
Ion Ratio Lower Upper
240 100
120 19.5 14.8 22.2
236 29.6 23.3 34.9





#31

Terphenyl-d14

Concen: 0.411 ng

RT: 19.559 min Scan# 2408

Delta R.T. -0.037 min

Lab File: BN033122.D

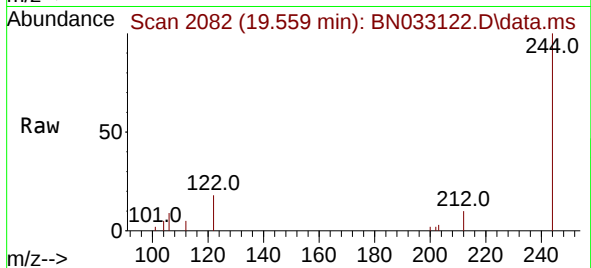
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



Tgt Ion:244 Resp: 859

Ion Ratio Lower Upper

244 100

212 10.4 7.5 11.3

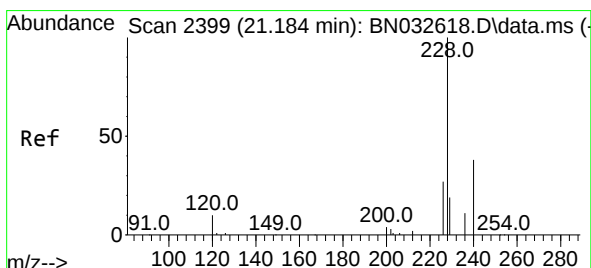
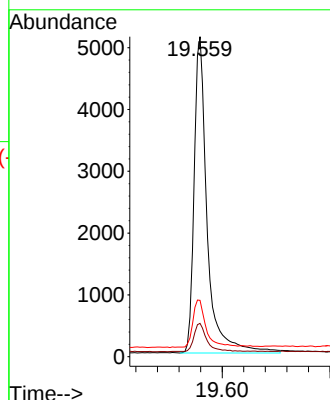
122 17.6 12.6 19.0

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Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#32

Benzo(a)anthracene

Concen: 0.040 ng

RT: 21.134 min Scan# 2408

Delta R.T. -0.018 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

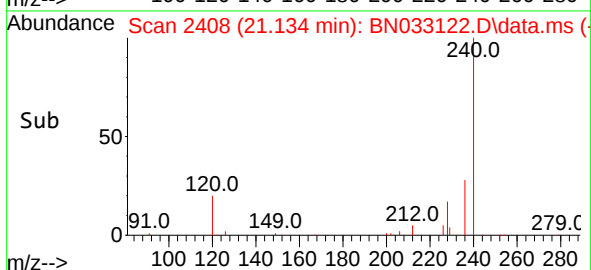
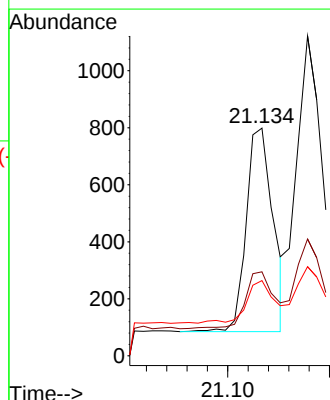
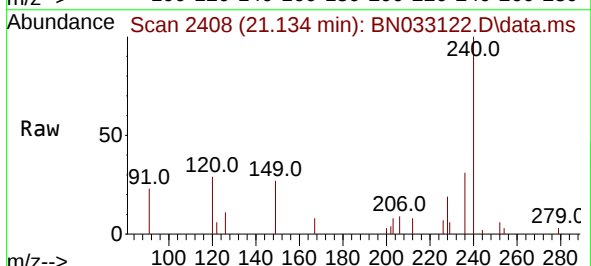
Tgt Ion:228 Resp: 1306

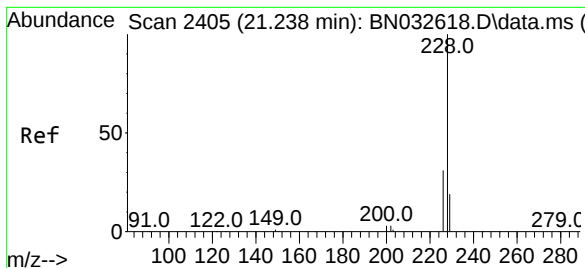
Ion Ratio Lower Upper

228 100

226 36.9 21.8 32.6#

229 33.0 16.0 24.0#





#33

Chrysene

Concen: 0.053 ng

RT: 21.178 min Scan# 2405

Delta R.T. -0.018 min

Lab File: BN033122.D

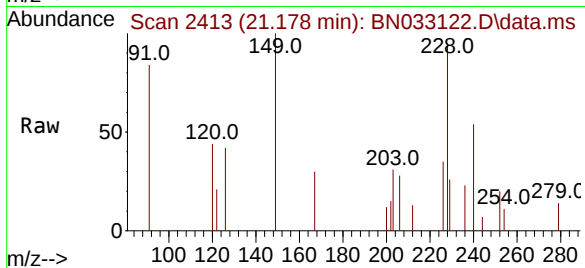
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



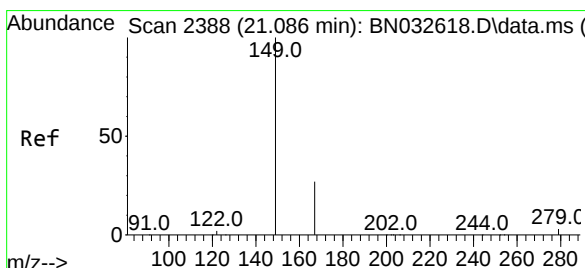
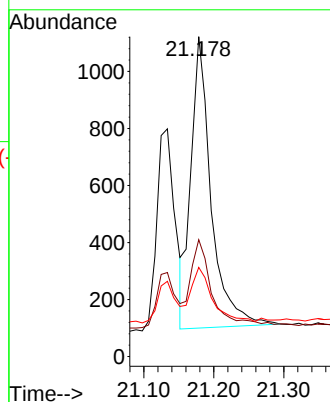
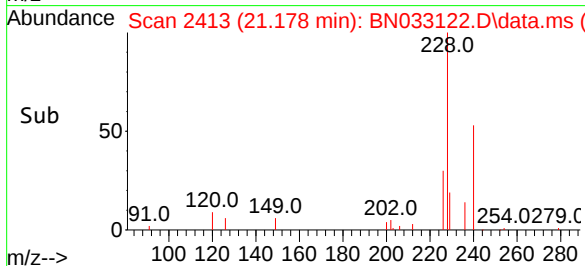
Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.2	36.2
229	27.9	16.0	24.0

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Supervised By :mohammad ahmed 07/31/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.375 ng

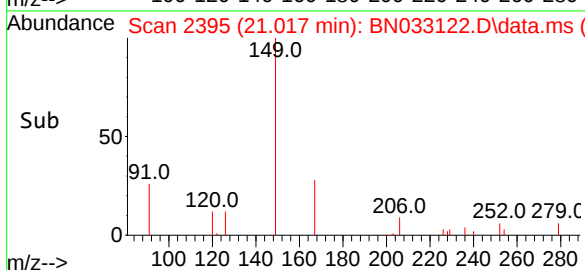
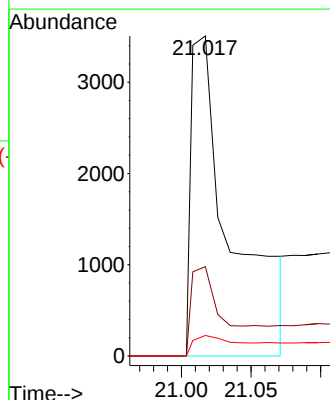
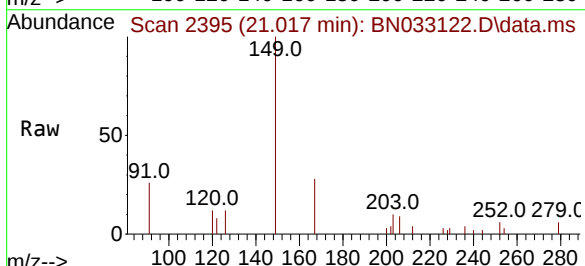
RT: 21.017 min Scan# 2395

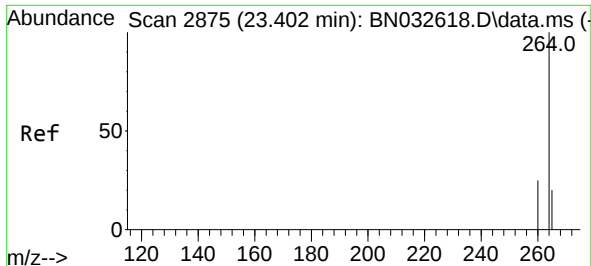
Delta R.T. -0.009 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

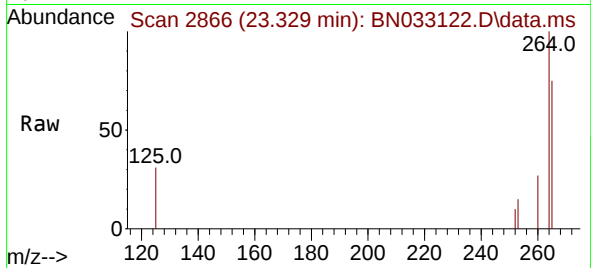
Tgt Ion	Ratio	Lower	Upper
149	100		
167	20.3	21.4	32.2
279	7.1	2.8	4.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.329 min Scan# 2866
 Delta R.T. -0.023 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

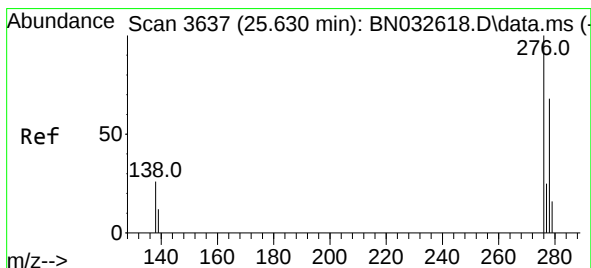
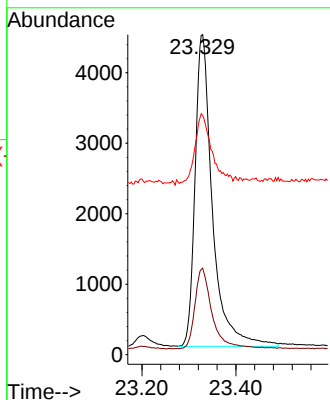
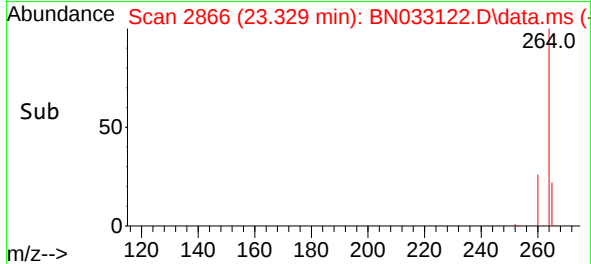
Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-440-460-072924



Tgt Ion:264 Resp: 1134
 Ion Ratio Lower Upper
 264 100
 260 27.0 20.9 31.3
 265 74.8 85.4 128.2

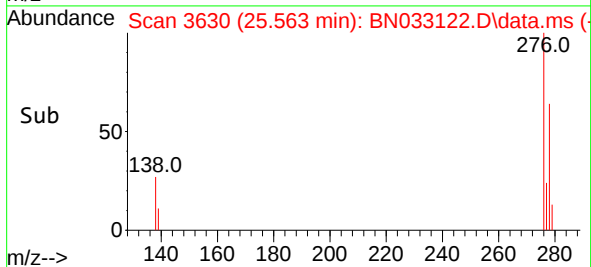
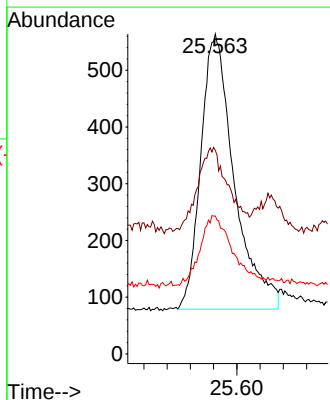
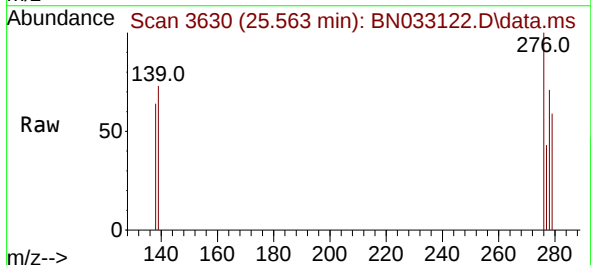
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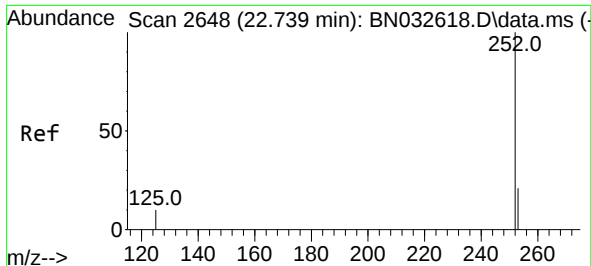
Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng
 RT: 25.563 min Scan# 3630
 Delta R.T. -0.012 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

Tgt Ion:276 Resp: 1932
 Ion Ratio Lower Upper
 276 100
 138 28.5 21.0 31.4
 277 24.7 19.5 29.3





#37

Benzo(b)fluoranthene

Concen: 0.045 ng

RT: 22.680 min Scan# 2644

Delta R.T. -0.017 min

Lab File: BN033122.D

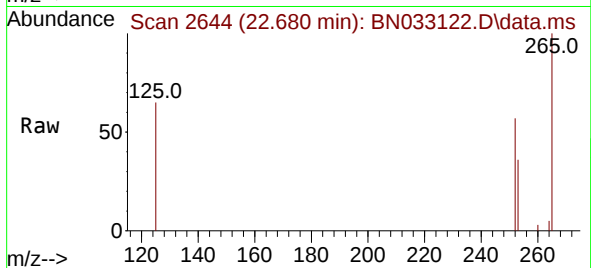
Acq: 31 Jul 2024 02:37

Instrument :

BNA_N

ClientSampleId :

GWBR-05-440-460-072924



Tgt Ion:252 Resp: 1780

Ion Ratio Lower Upper

252 100

253 62.3 22.3 33.5

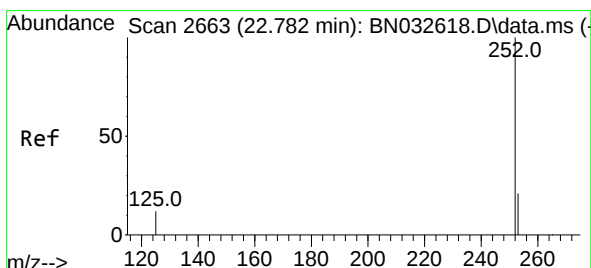
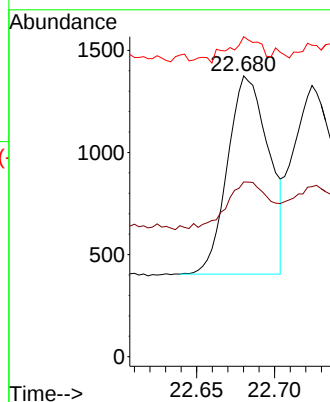
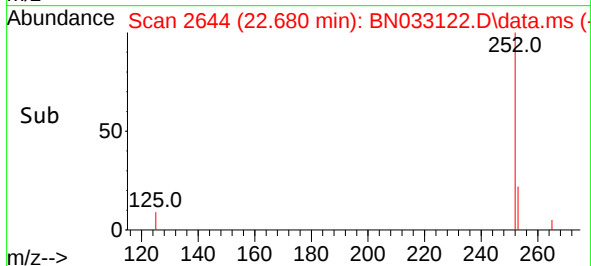
125 114.0 15.4 23.2

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Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#38

Benzo(k)fluoranthene

Concen: 0.042 ng

RT: 22.724 min Scan# 2659

Delta R.T. -0.017 min

Lab File: BN033122.D

Acq: 31 Jul 2024 02:37

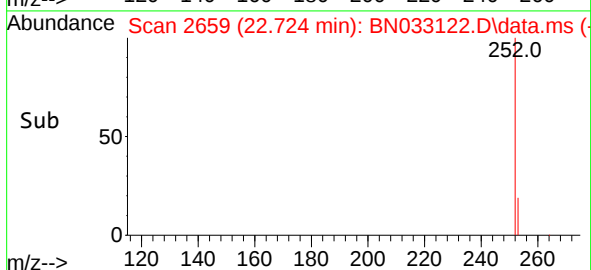
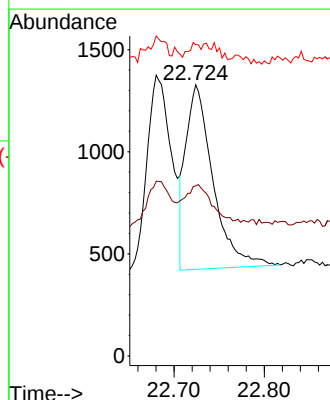
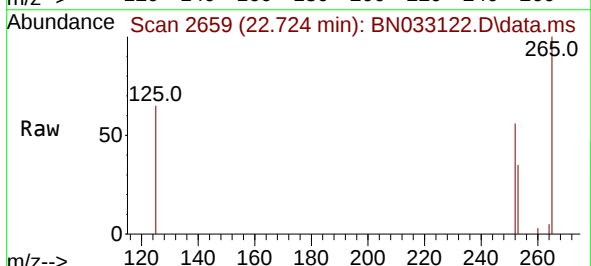
Tgt Ion:252 Resp: 1890

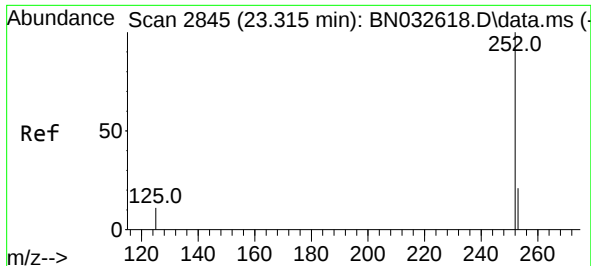
Ion Ratio Lower Upper

252 100

253 62.7 22.6 34.0#

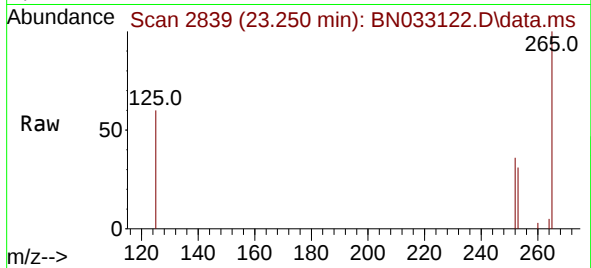
125 114.8 16.2 24.4#





#39
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.250 min Scan# 21
Delta R.T. -0.026 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

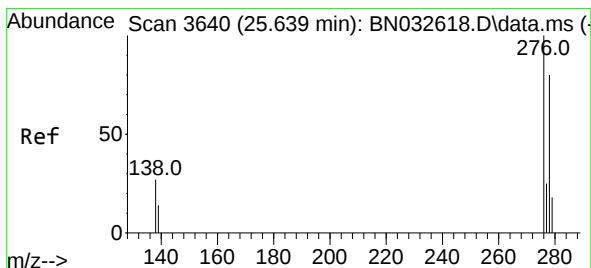
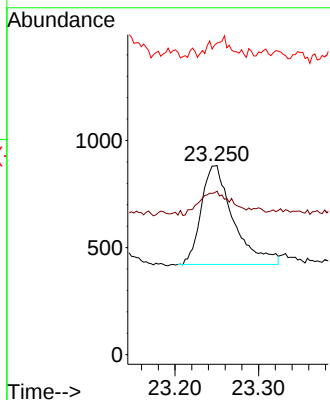
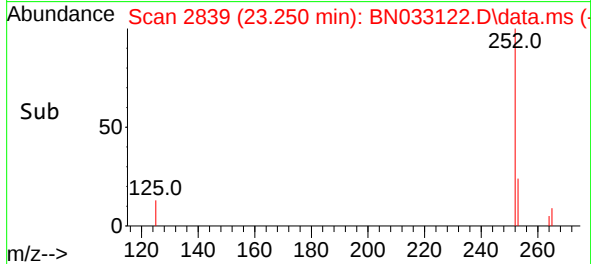
Instrument :
BNA_N
ClientSampleId :
GWBR-05-440-460-072924



Tgt Ion:252 Resp: 1235
Ion Ratio Lower Upper
252 100
253 86.4 25.8 38.8#
125 164.8 21.4 32.2#

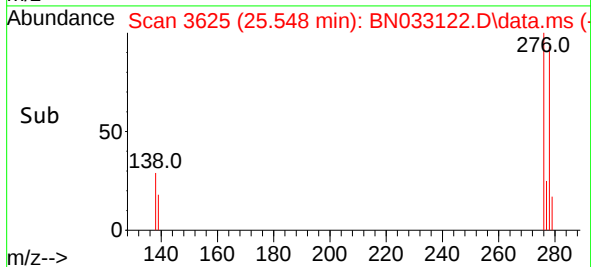
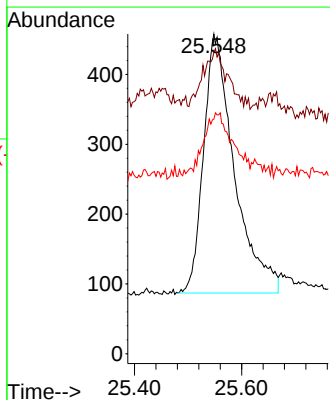
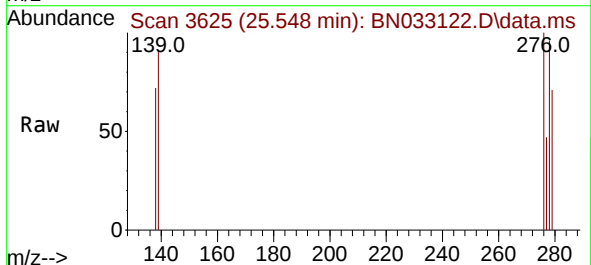
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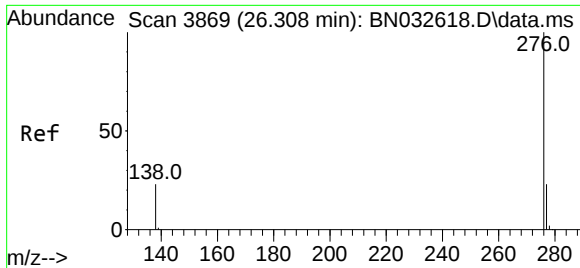
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.042 ng
RT: 25.548 min Scan# 3625
Delta R.T. -0.026 min
Lab File: BN033122.D
Acq: 31 Jul 2024 02:37

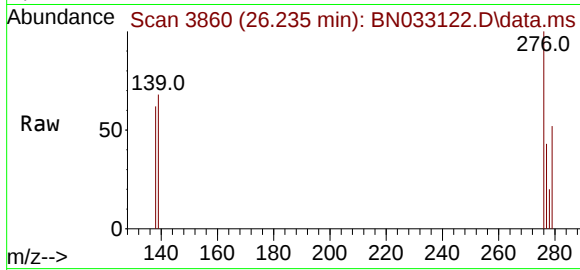
Tgt Ion:278 Resp: 1482
Ion Ratio Lower Upper
278 100
139 94.3 16.7 25.1#
279 73.4 24.3 36.5#





#41
 Benzo(g,h,i)perylene
 Concen: 0.044 ng
 RT: 26.235 min Scan# 3860
 Delta R.T. -0.015 min
 Lab File: BN033122.D
 Acq: 31 Jul 2024 02:37

Instrument : BNA_N
 ClientSampleId : GWBR-05-440-460-072924



Tgt Ion: 276 Resp: 1718

Ion	Ratio	Lower	Upper
276	100		
277	43.2	20.2	30.2
138	61.8	20.5	30.7

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Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

