

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
 Data File : BN032252.D
 Acq On : 25 Jun 2024 23:18
 Operator : MA/JU
 Sample : P3034-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR-05-187-208-062124

Quant Time: Jun 26 02:54:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 11:30:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	6757	0.400	ng	-0.01
7) Naphthalene-d8	10.410	136	19428	0.400	ng	-0.01
13) Acenaphthene-d10	14.274	164	11716	0.400	ng	-0.01
19) Phenanthrene-d10	17.029	188	24782	0.400	ng	# 0.00
29) Chrysene-d12	21.229	240	24123	0.400	ng	# 0.00
35) Perylene-d12	23.455	264	26314	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.241	112	2875	0.150	ng	0.00
5) Phenol-d6	6.830	99	1460	0.058	ng	0.00
8) Nitrobenzene-d5	8.788	82	4642	0.288	ng	-0.01
11) 2-Methylnaphthalene-d10	12.005	152	9003	0.291	ng	-0.02
14) 2,4,6-Tribromophenol	15.775	330	1996	0.355	ng	-0.01
15) 2-Fluorobiphenyl	12.895	172	14080	0.317	ng	-0.01
27) Fluoranthene-d10	19.063	212	25613	0.380	ng	0.00
31) Terphenyl-d14	19.667	244	19214	0.326	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	8666	1.047	ng	99
33) Chrysene	21.265	228	1861	0.022	ng	# 72
34) Bis(2-ethylhexyl)phtha...	21.130	149	5413	0.087	ng	95
36) Indeno(1,2,3-cd)pyrene	25.706	276	2129	0.022	ng	# 83
37) Benzo(b)fluoranthene	22.785	252	3178	0.033	ng	# 1
38) Benzo(k)fluoranthene	22.829	252	2465m	0.027	ng	

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

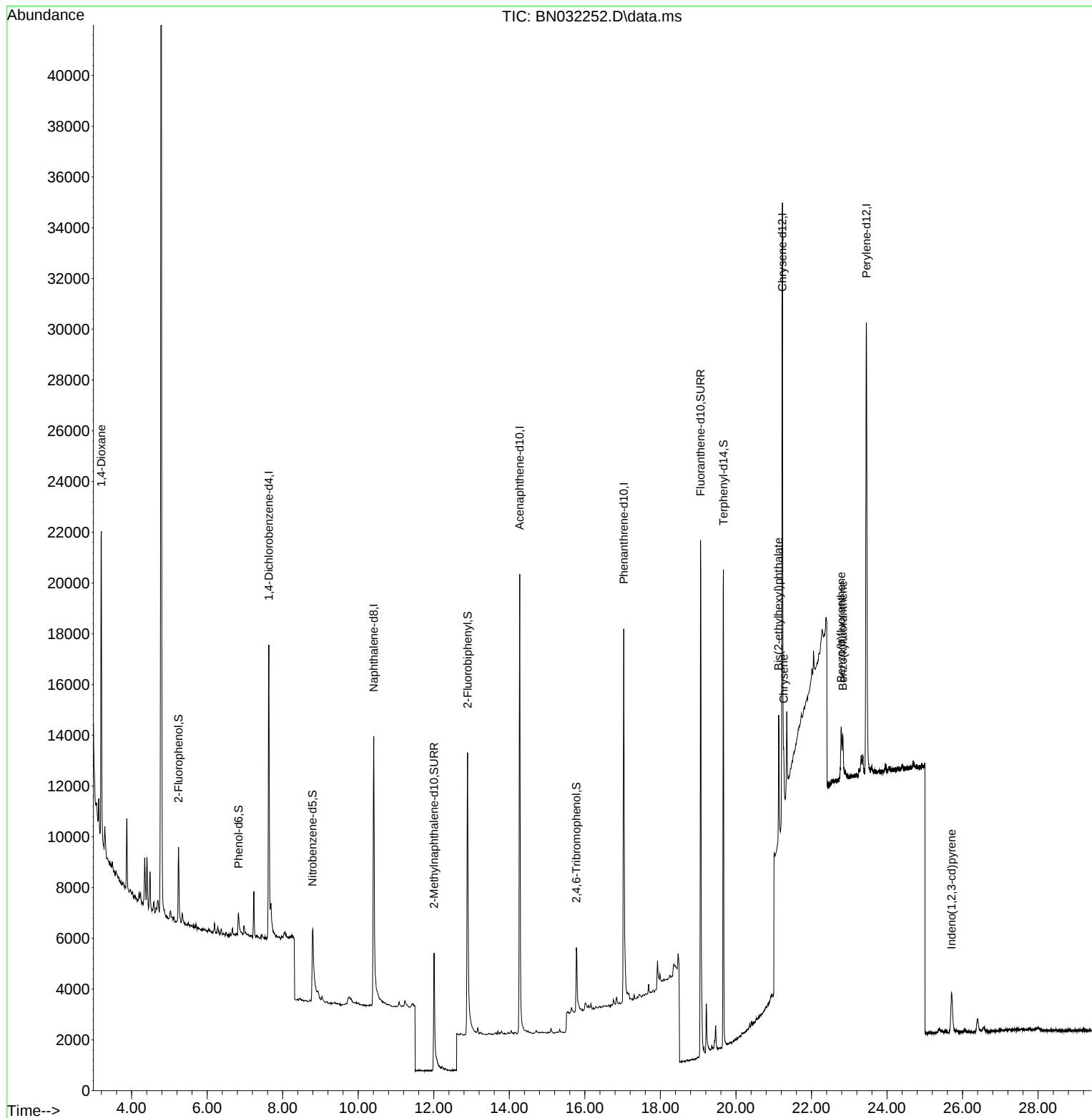
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062524\
Data File : BN032252.D
Acq On : 25 Jun 2024 23:18
Operator : MA/JU
Sample : P3034-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

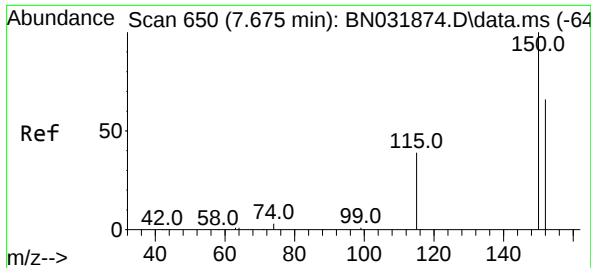
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124

Quant Time: Jun 26 02:54:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

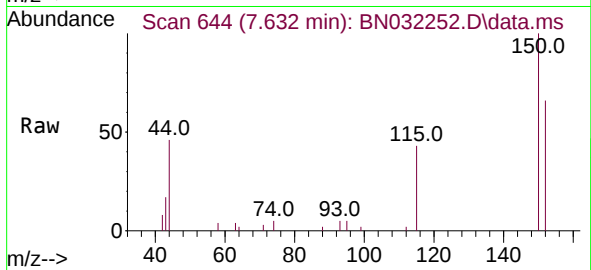
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

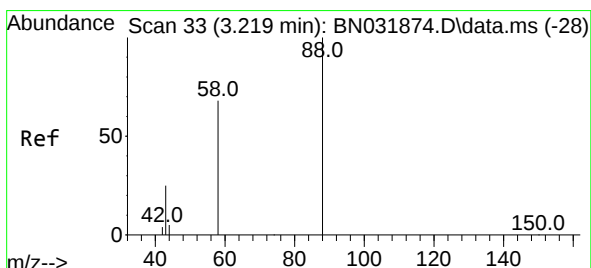
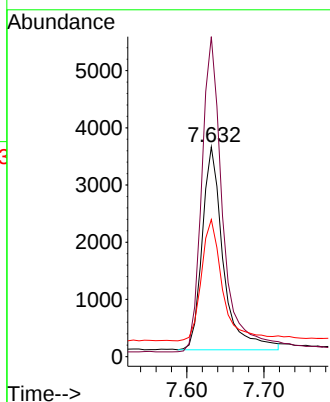
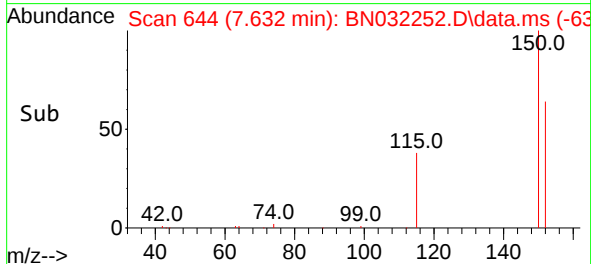
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion: 152 Resp: 675
Ion Ratio Lower Upper
152 100
150 152.6 121.0 181.4
115 65.4 49.4 74.0

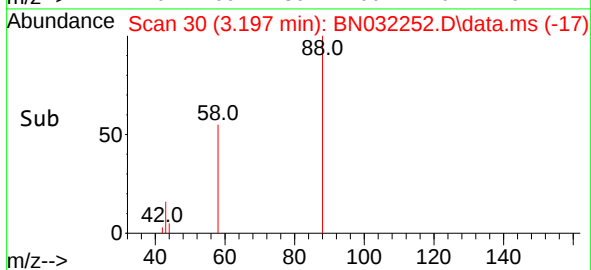
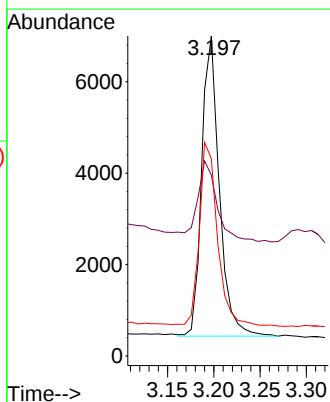
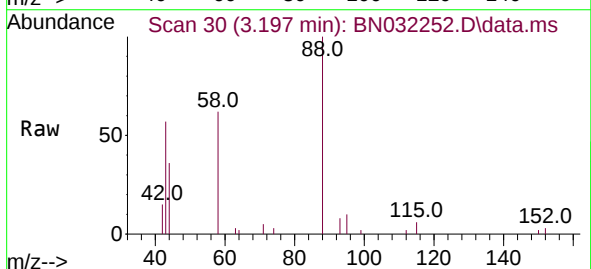
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#2
1,4-Dioxane
Concen: 1.047 ng
RT: 3.197 min Scan# 30
Delta R.T. -0.007 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

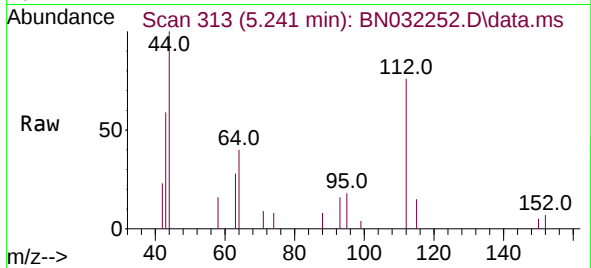
Tgt Ion: 88 Resp: 8666
Ion Ratio Lower Upper
88 100
43 29.8 22.7 34.1
58 63.3 51.3 76.9





#4
2-Fluorophenol
Concen: 0.150 ng
RT: 5.241 min Scan# 317
Delta R.T. -0.007 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

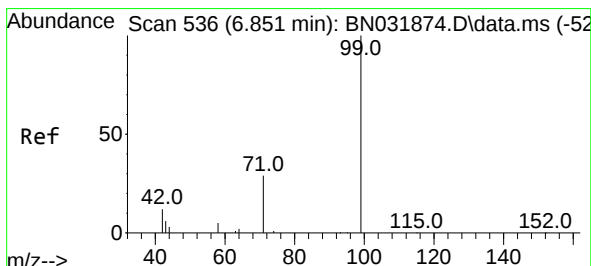
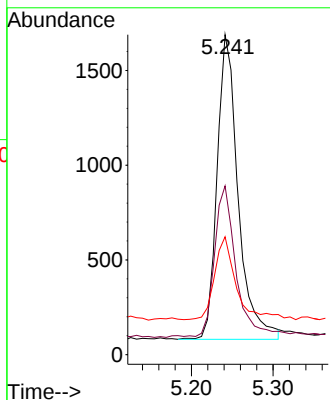
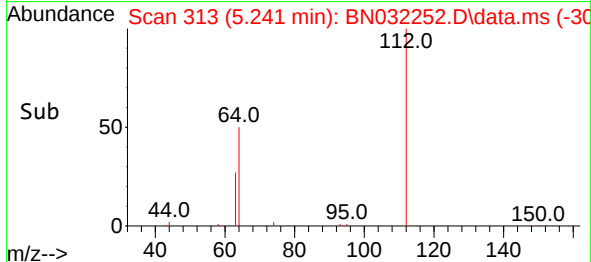
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion: 112 Resp: 2875
Ion Ratio Lower Upper
112 100
64 49.2 42.4 63.6
63 26.9 22.1 33.1

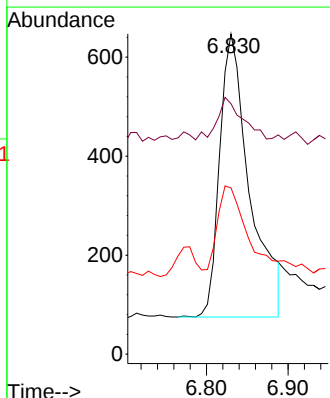
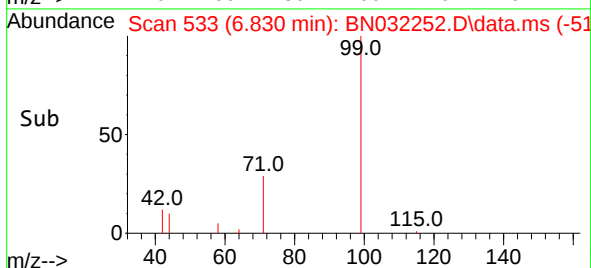
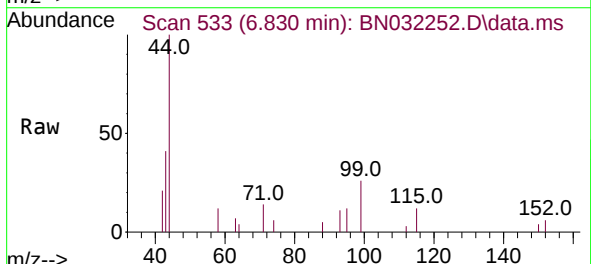
Manual Integrations
APPROVED

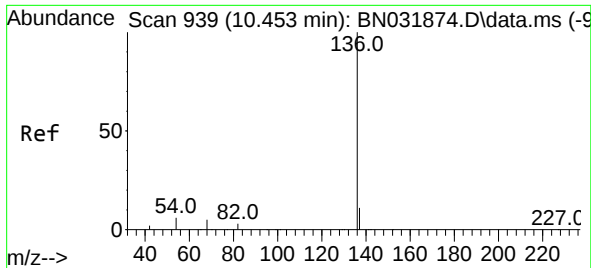
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.830 min Scan# 533
Delta R.T. 0.000 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

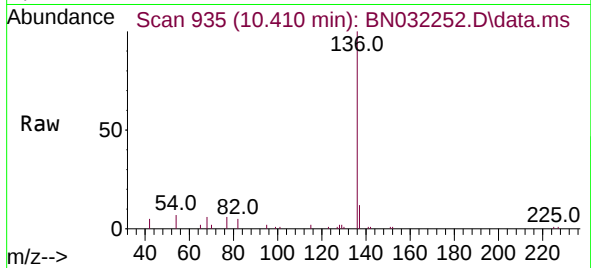
Tgt Ion: 99 Resp: 1460
Ion Ratio Lower Upper
99 100
42 12.5 12.8 19.2#
71 27.9 25.4 38.2





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

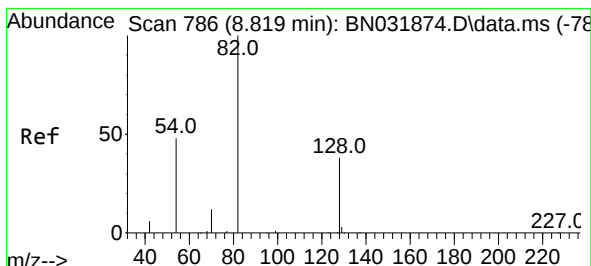
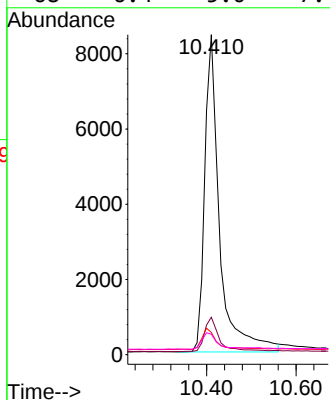
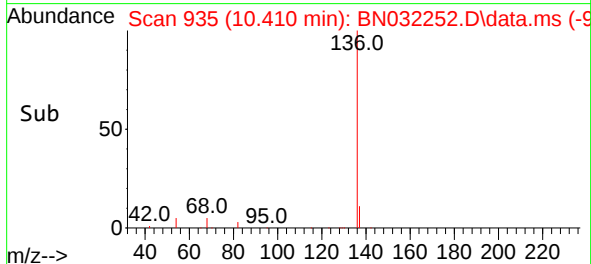
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion:136 Resp: 19428
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 7.0 5.6 8.4
68 6.4 5.0 7.4

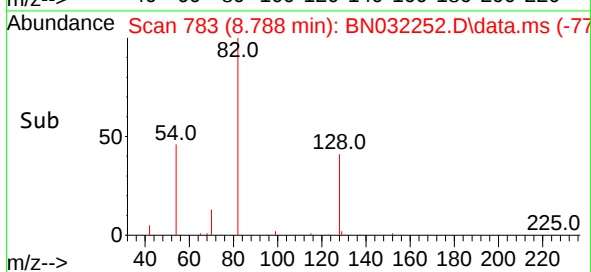
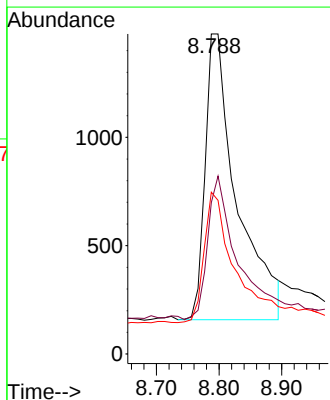
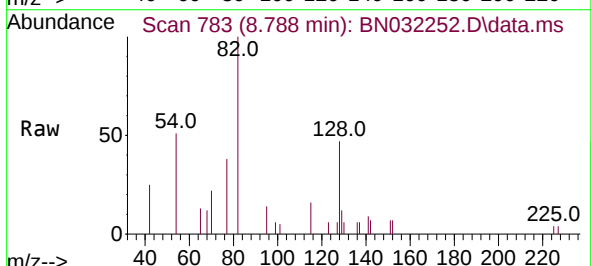
Manual Integrations
APPROVED

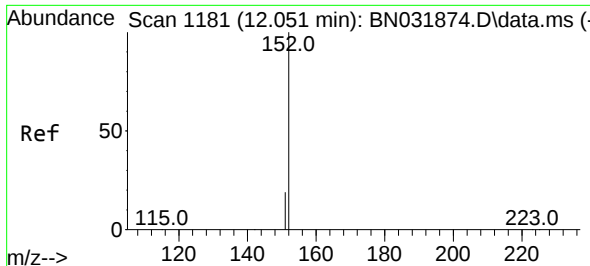
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#8
Nitrobenzene-d5
Concen: 0.288 ng
RT: 8.788 min Scan# 783
Delta R.T. -0.011 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

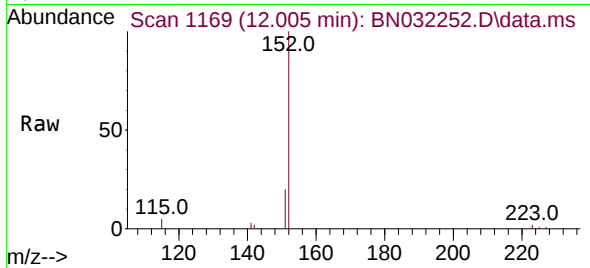
Tgt Ion: 82 Resp: 4642
Ion Ratio Lower Upper
82 100
128 47.3 32.1 48.1
54 50.6 39.7 59.5





#11
2-Methylnaphthalene-d10
Concen: 0.291 ng
RT: 12.005 min Scan# 1181
Delta R.T. -0.015 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

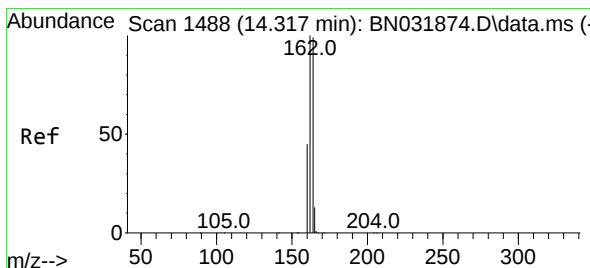
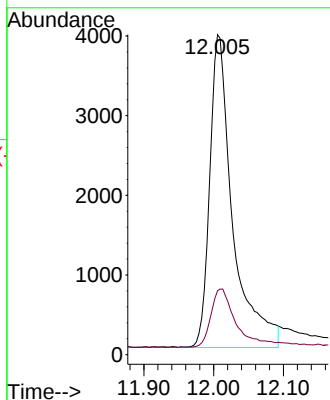
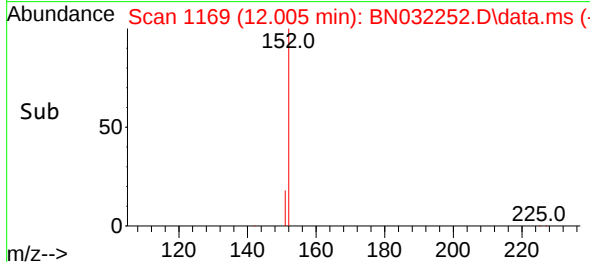
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion:152 Resp: 900
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5

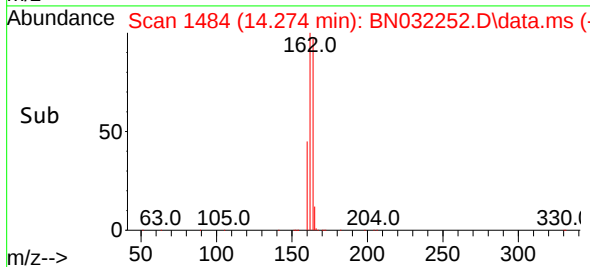
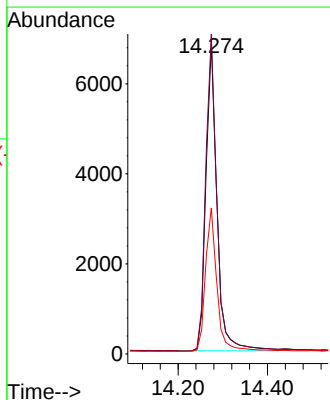
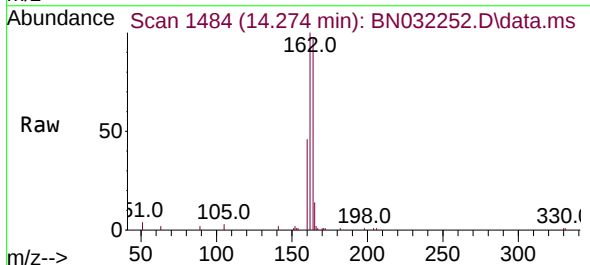
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.274 min Scan# 1484
Delta R.T. -0.011 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

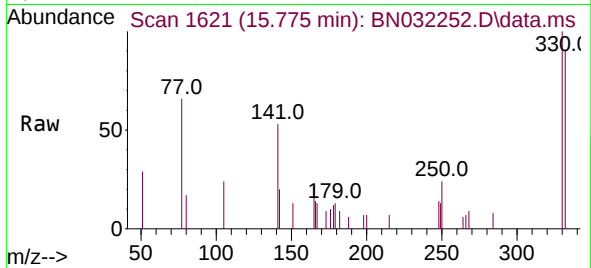
Tgt Ion:164 Resp: 11716
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 47.0 36.2 54.4





#14
2,4,6-Tribromophenol
Concen: 0.355 ng
RT: 15.775 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

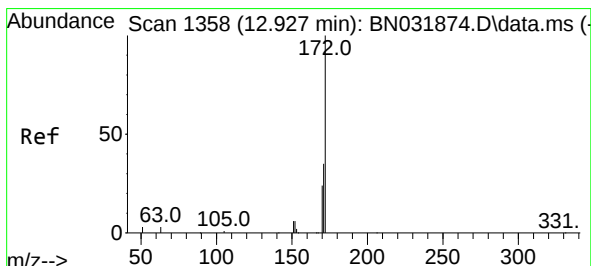
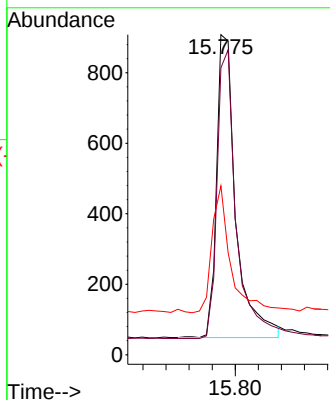
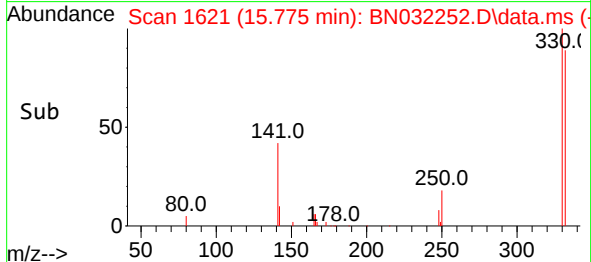
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion: 330 Resp: 1990
Ion Ratio Lower Upper
330 100
332 94.5 77.5 116.3
141 40.5 34.7 52.1

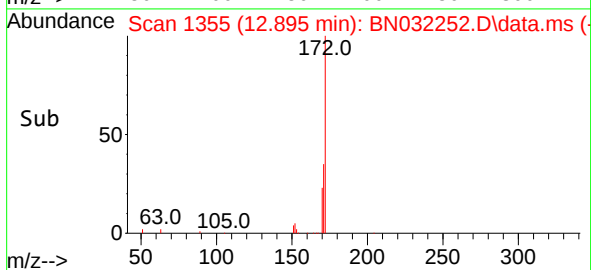
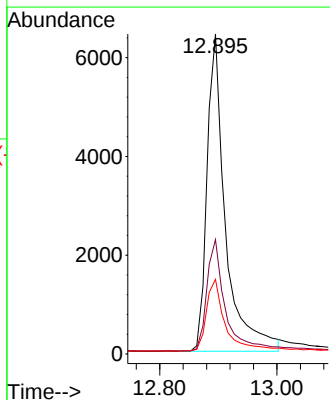
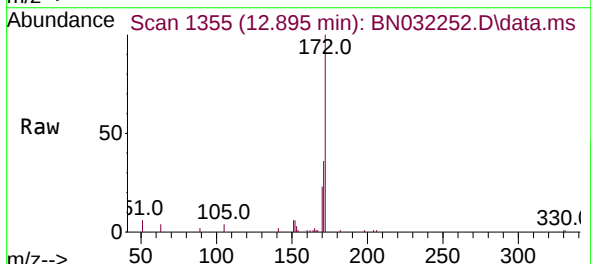
Manual Integrations
APPROVED

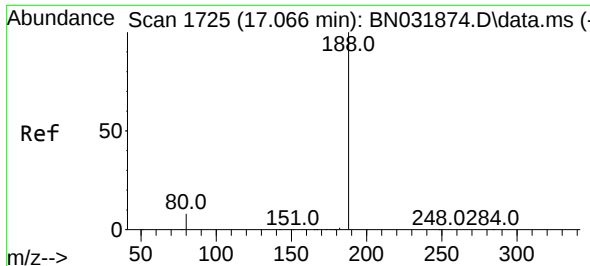
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#15
2-Fluorobiphenyl
Concen: 0.317 ng
RT: 12.895 min Scan# 1355
Delta R.T. -0.011 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Tgt Ion: 172 Resp: 14080
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.3 19.2 28.8





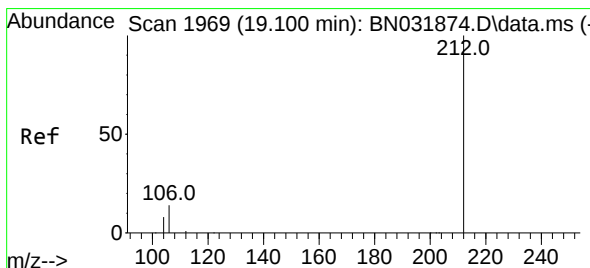
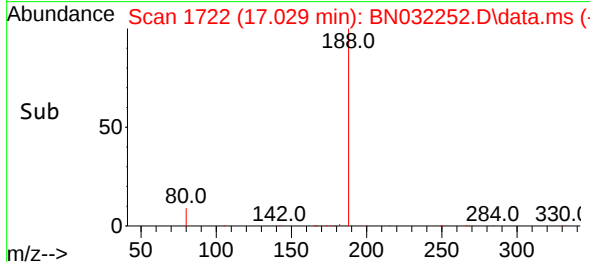
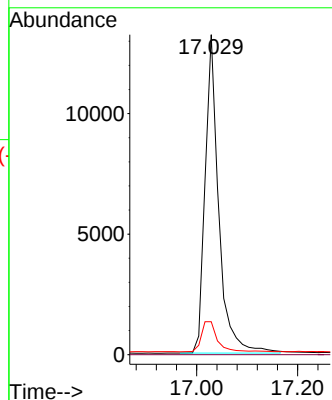
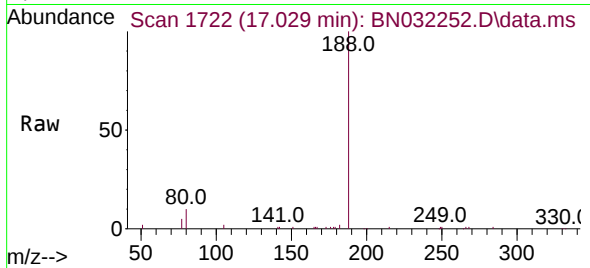
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124

Tgt Ion:188 Resp: 2478
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.3 6.4 9.6

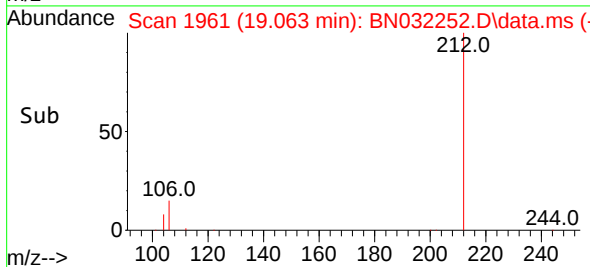
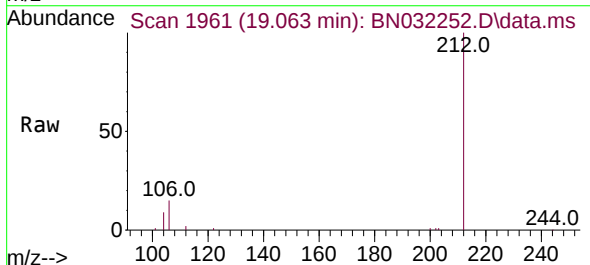
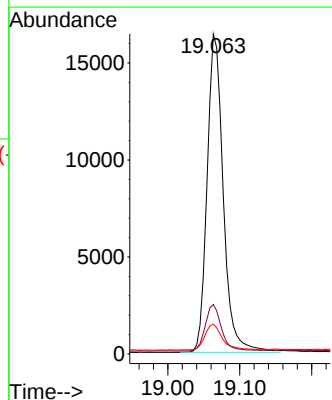
Manual Integrations
APPROVED

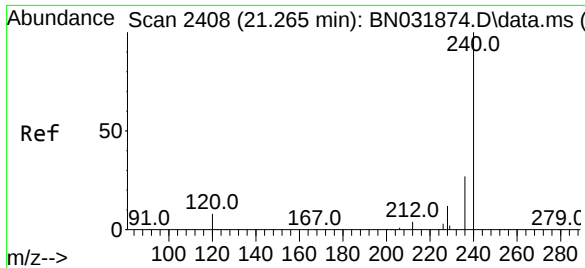
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#27
Fluoranthene-d10
Concen: 0.380 ng
RT: 19.063 min Scan# 1961
Delta R.T. -0.009 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

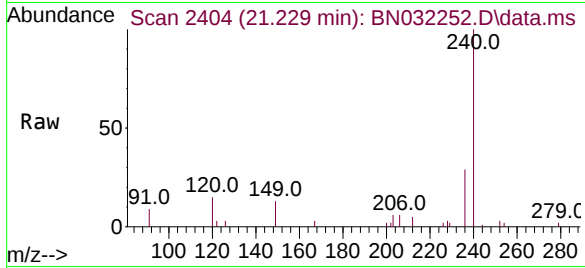
Tgt Ion:212 Resp: 25613
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.8
104 8.7 6.6 10.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.229 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

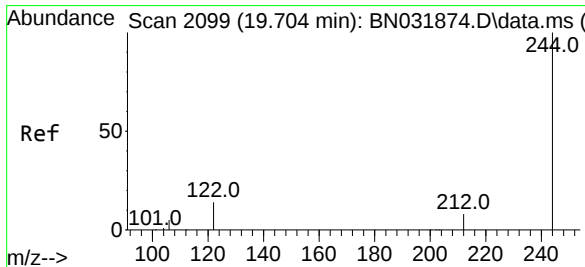
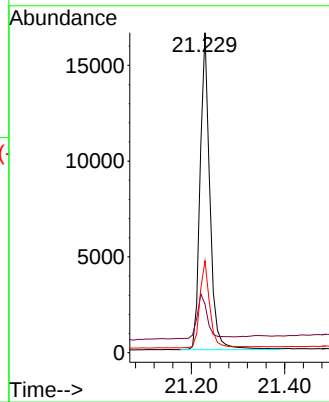
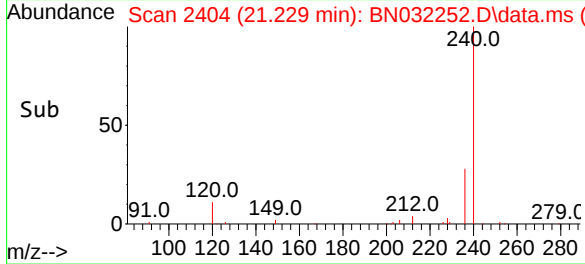
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion:240 Resp: 2412
Ion Ratio Lower Upper
240 100
120 15.2 8.2 12.4
236 28.7 21.8 32.8

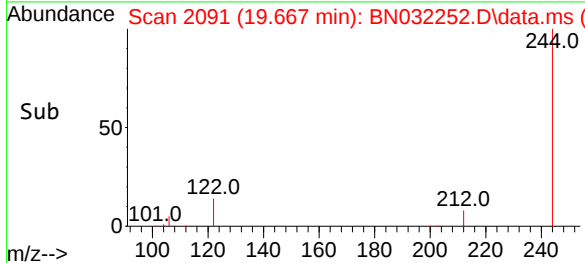
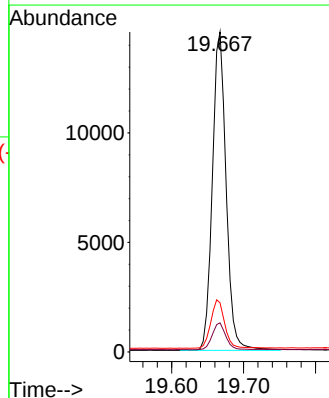
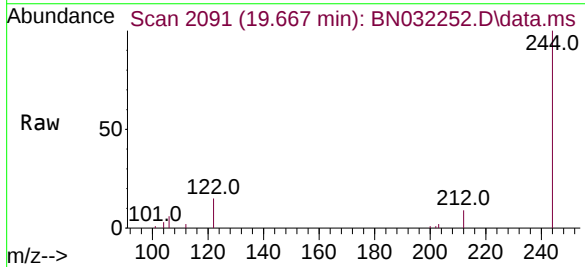
Manual Integrations
APPROVED

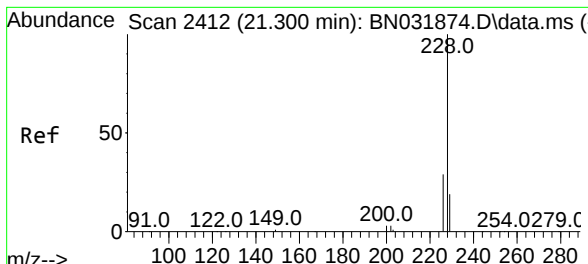
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.667 min Scan# 2091
Delta R.T. -0.005 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Tgt Ion:244 Resp: 19214
Ion Ratio Lower Upper
244 100
212 9.1 6.5 9.7
122 15.3 11.4 17.0



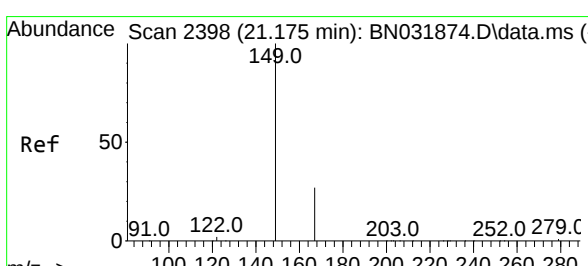
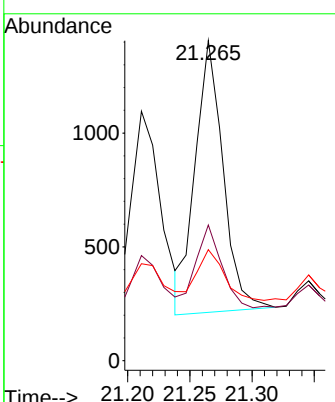
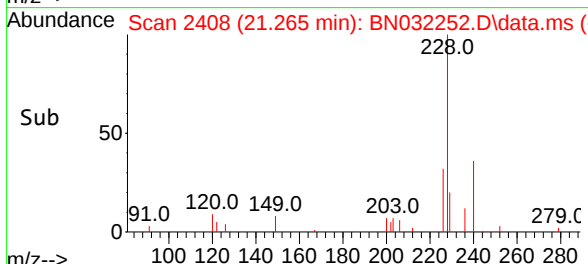
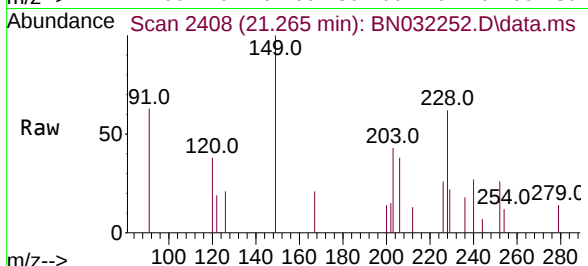


#33
 Chrysene
 Concen: 0.022 ng
 RT: 21.265 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BN032252.D
 Acq: 25 Jun 2024 23:18

Instrument : BNA_N
 ClientSampleId : GWBR-05-187-208-062124

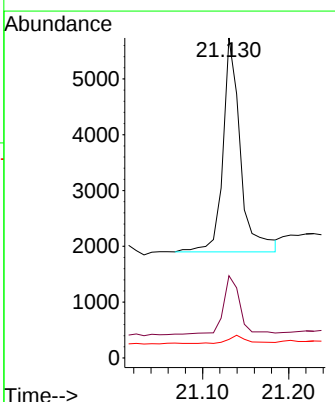
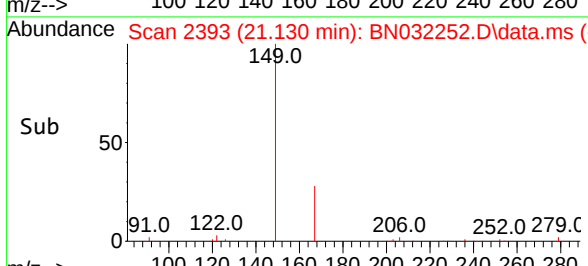
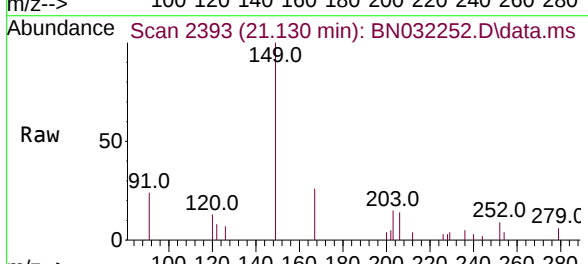
Tgt Ion:	228	Resp:	186
Ion Ratio	Lower	Upper	
228	100		
226	42.4	23.6	35.4
229	34.7	15.8	23.6

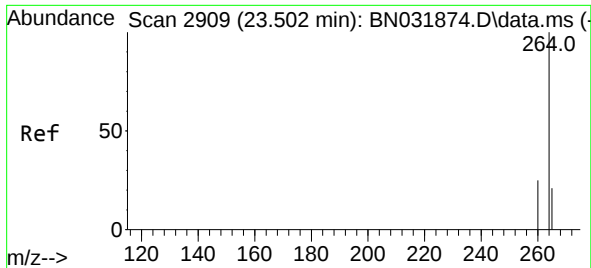
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.130 min Scan# 2393
 Delta R.T. -0.018 min
 Lab File: BN032252.D
 Acq: 25 Jun 2024 23:18

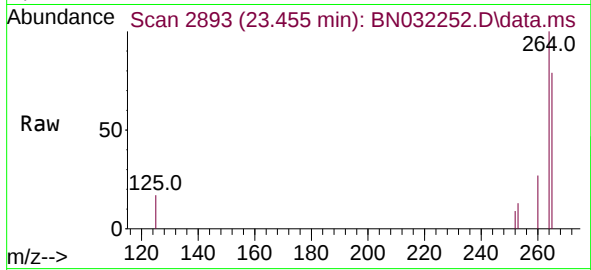
Tgt Ion:	149	Resp:	5413
Ion Ratio	Lower	Upper	
149	100		
167	25.5	22.5	33.7
279	3.9	2.9	4.3





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.455 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

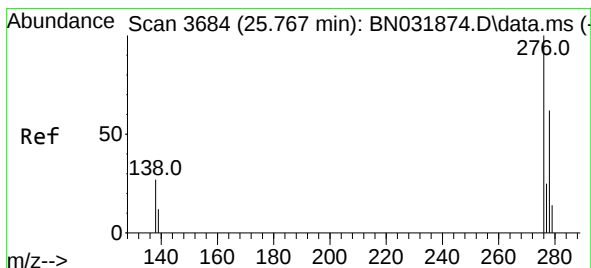
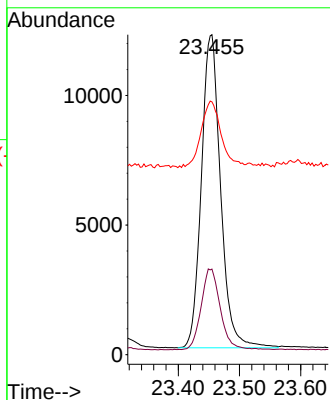
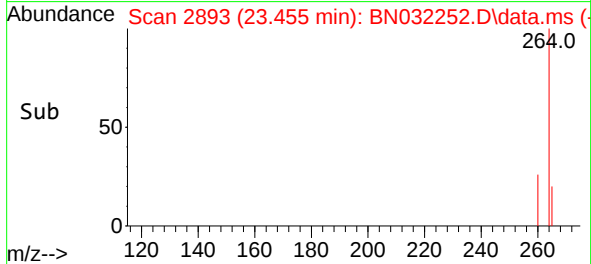
Instrument :
BNA_N
ClientSampleId :
GWBR-05-187-208-062124



Tgt Ion:264 Resp: 26314
Ion Ratio Lower Upper
264 100
260 26.8 20.5 30.7
265 79.0 39.6 59.4

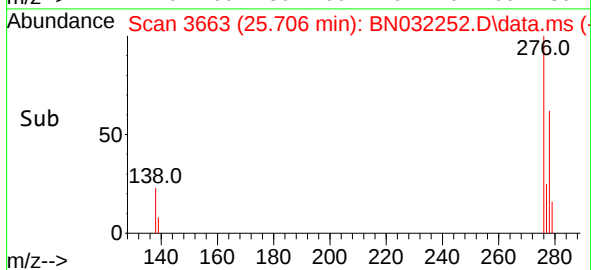
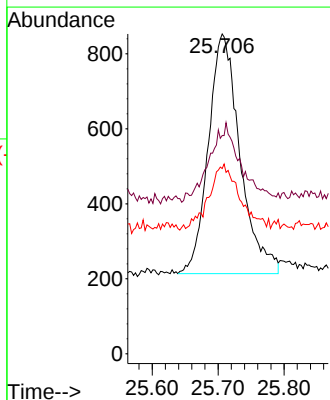
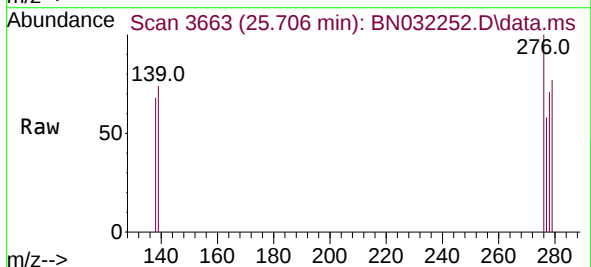
Manual Integrations
APPROVED

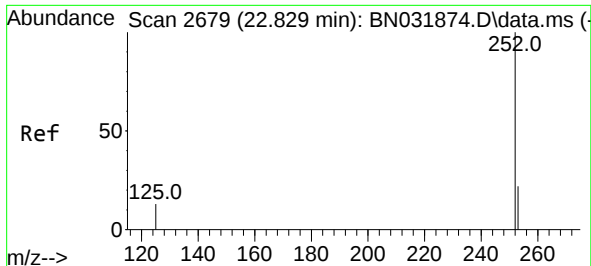
Reviewed By :Yogesh Patel 06/27/2024
Supervised By :mohammad ahmed 06/27/2024



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng
RT: 25.706 min Scan# 3663
Delta R.T. 0.012 min
Lab File: BN032252.D
Acq: 25 Jun 2024 23:18

Tgt Ion:276 Resp: 2129
Ion Ratio Lower Upper
276 100
138 10.2 21.5 32.3#
277 25.5 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.033 ng

RT: 22.785 min Scan# 2664

Delta R.T. 0.000 min

Lab File: BN032252.D

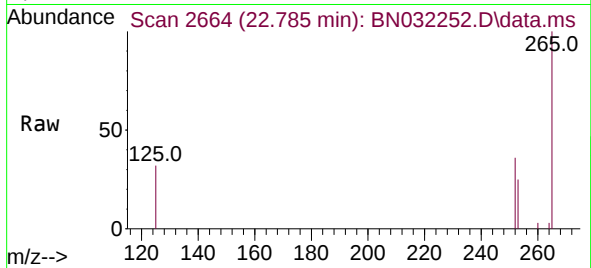
Acq: 25 Jun 2024 23:18

Instrument :

BNA_N

ClientSampleId :

GWBR-05-187-208-062124



Tgt Ion:252 Resp: 3178

Ion Ratio Lower Upper

252 100

253 70.8 20.2 30.2

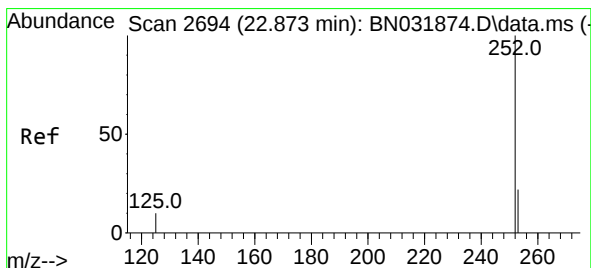
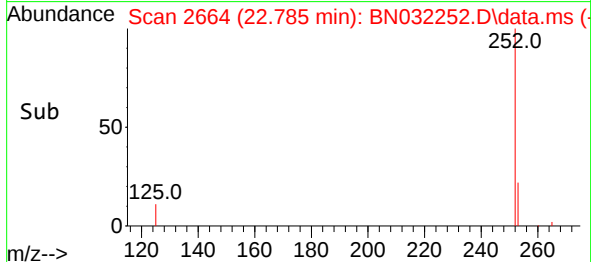
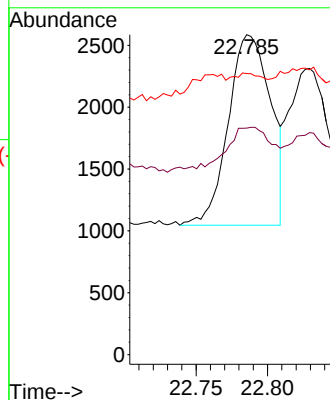
125 87.9 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/27/2024

Supervised By :mohammad ahmed 06/27/2024



#38

Benzo(k)fluoranthene

Concen: 0.027 ng m

RT: 22.829 min Scan# 2679

Delta R.T. 0.000 min

Lab File: BN032252.D

Acq: 25 Jun 2024 23:18

Tgt Ion:252 Resp: 2465

Ion Ratio Lower Upper

252 100

253 77.6 19.9 29.9#

125 99.5 13.0 19.4#

