

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033722.D
 Acq On : 31 Aug 2024 01:23
 Operator : MA/JU
 Sample : P3802-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-170-082924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 31 02:08:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	5433	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	14423	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	8740	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	16041	0.400	ng	#-0.01
29) Chrysene-d12	21.121	240	11431	0.400	ng	# 0.00
35) Perylene-d12	23.274	264	10423	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	2288	0.140	ng	0.00
5) Phenol-d6	6.714	99	1736	0.090	ng	0.00
8) Nitrobenzene-d5	8.659	82	4619	0.385	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7835	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	1504	0.359	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	11357	0.308	ng	0.00
27) Fluoranthene-d10	18.952	212	16059	0.406	ng	0.00
31) Terphenyl-d14	19.565	244	10837	0.448	ng	0.00
Target Compounds						
9) Naphthalene	10.336	128	3373	0.087	ng	# 22
12) 2-Methylnaphthalene	11.952	142	629	0.026	ng	# 21
17) Acenaphthene	14.221	154	908	0.035	ng	# 89
18) Fluorene	15.215	166	2652m	0.081	ng	
24) Pentachlorophenol	16.569	266	250	0.052	ng	92
30) Pyrene	19.347	202	1032	0.022	ng	94
34) Bis(2-ethylhexyl)phtha...	21.059	149	3532m	0.155	ng	

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

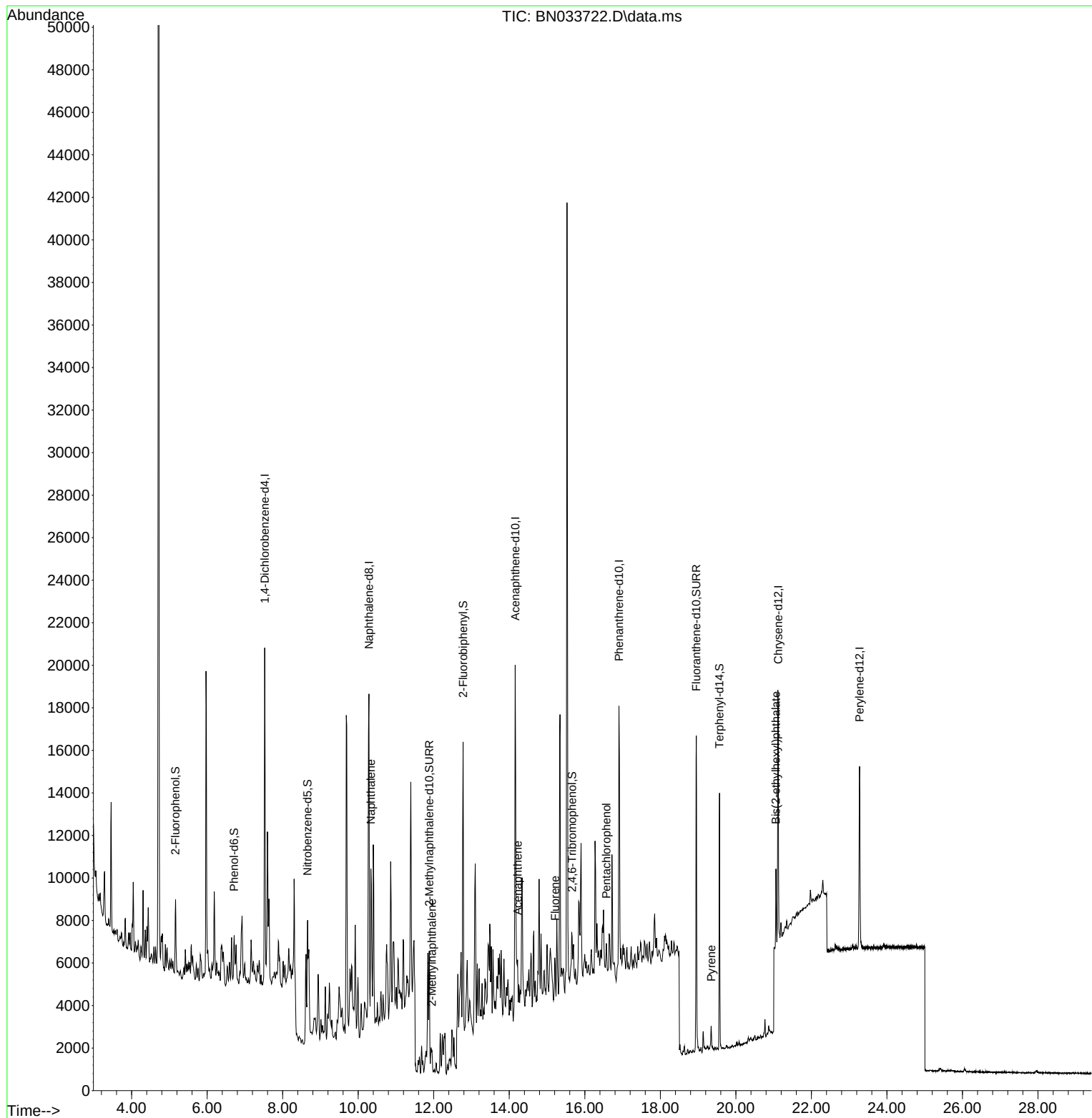
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
Data File : BN033722.D
Acq On : 31 Aug 2024 01:23
Operator : MA/JU
Sample : P3802-08
Misc :
ALS Vial : 16 Sample Multiplier: 1

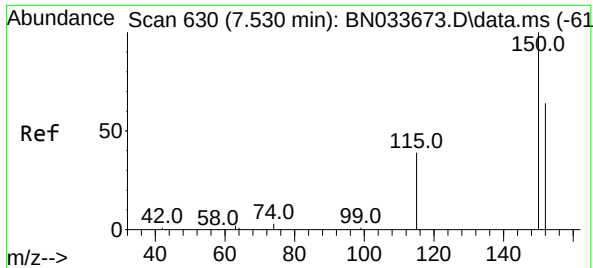
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924

Quant Time: Aug 31 02:08:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Manual Integrations
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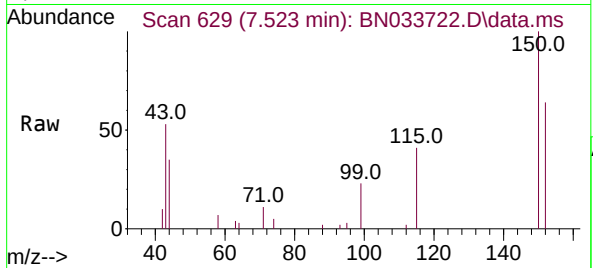
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

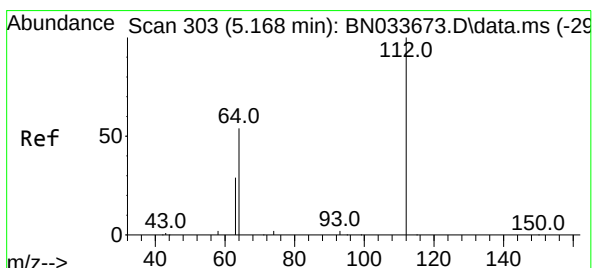
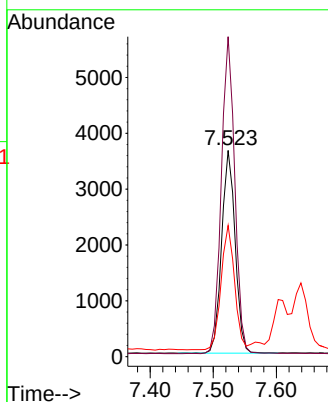
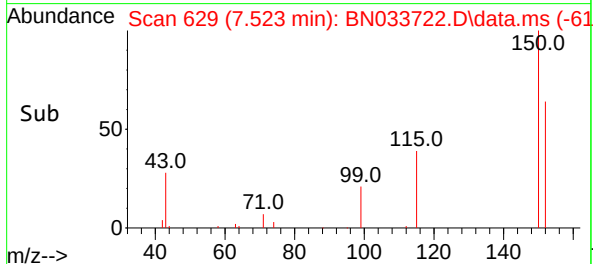
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924



Tgt Ion:152 Resp: 543
Ion Ratio Lower Upper
152 100
150 155.1 123.4 185.0
115 63.6 51.3 76.9

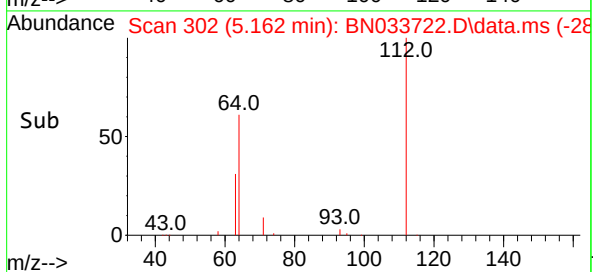
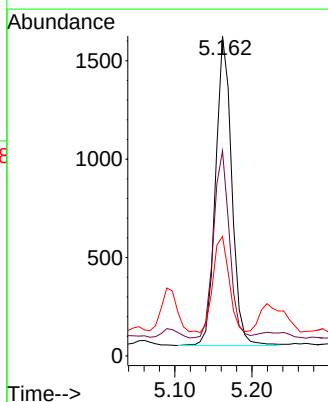
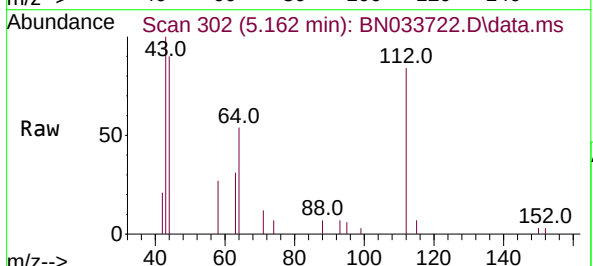
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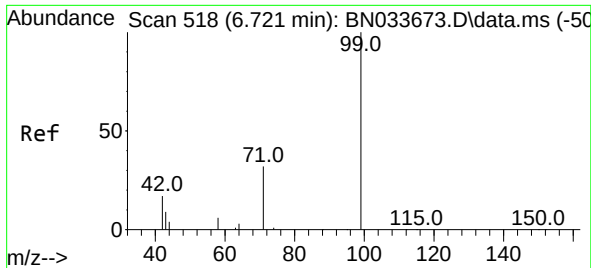
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#4
2-Fluorophenol
Concen: 0.140 ng
RT: 5.162 min Scan# 302
Delta R.T. -0.007 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

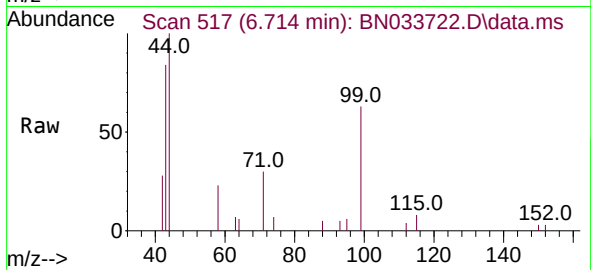
Tgt Ion:112 Resp: 2288
Ion Ratio Lower Upper
112 100
64 58.9 48.6 72.8
63 30.6 26.6 39.8





#5
Phenol-d6
Concen: 0.090 ng
RT: 6.714 min Scan# 517
Delta R.T. -0.007 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

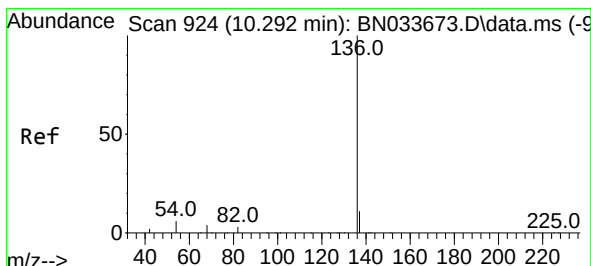
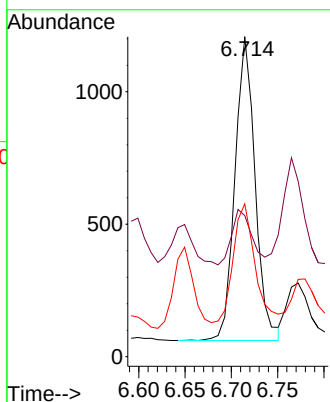
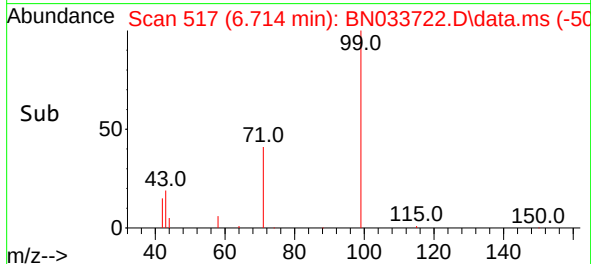
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924



Tgt Ion: 99 Resp: 1730
Ion Ratio Lower Upper
99 100
42 17.9 17.8 26.8
71 41.8 28.0 42.0

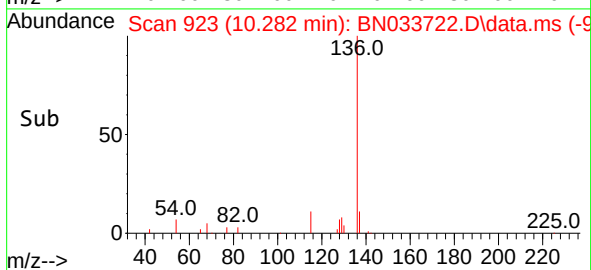
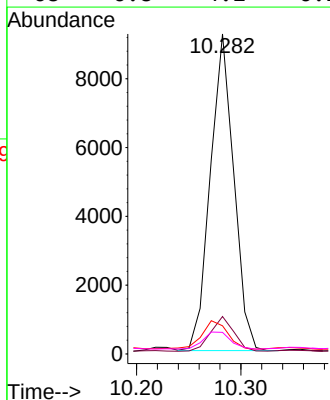
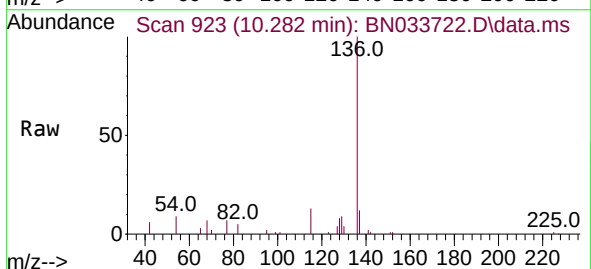
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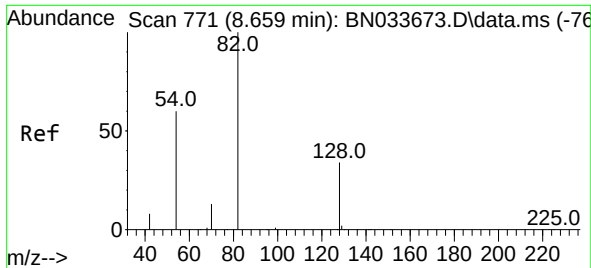
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

Tgt Ion:136 Resp: 14423
Ion Ratio Lower Upper
136 100
137 11.7 9.1 13.7
54 8.8 5.8 8.6#
68 6.8 4.2 6.2#





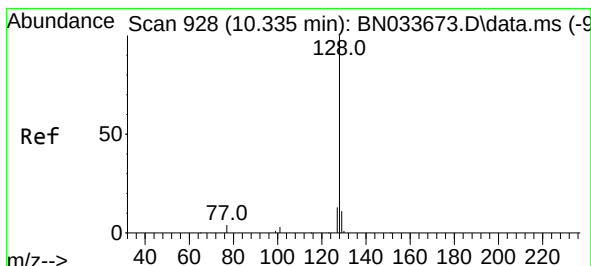
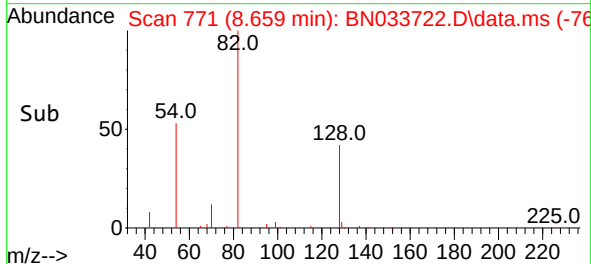
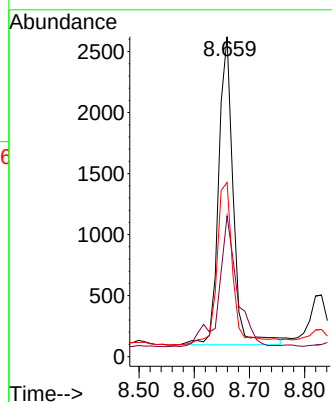
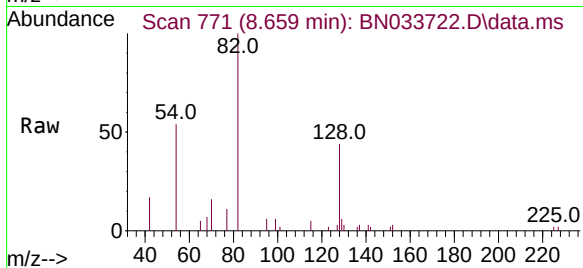
#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.001 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924

Tgt Ion: 82 Resp: 4619
Ion Ratio Lower Upper
82 100
128 44.0 29.3 43.9#
54 54.5 49.4 74.0

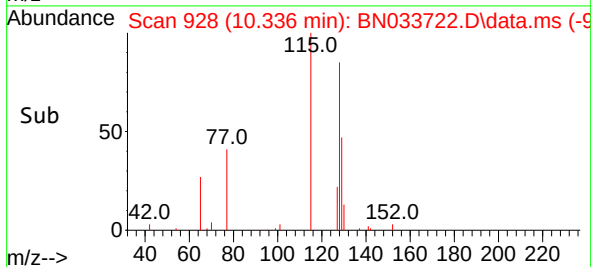
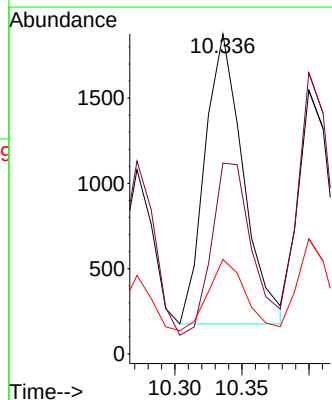
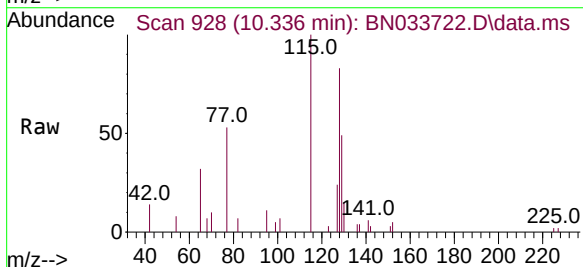
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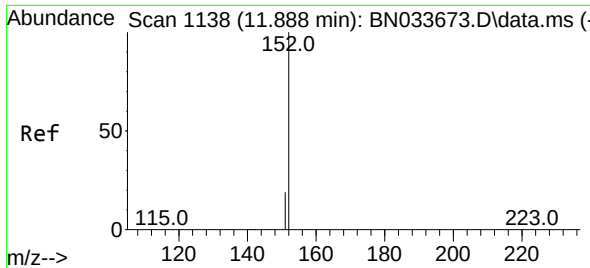
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#9
Naphthalene
Concen: 0.087 ng
RT: 10.336 min Scan# 928
Delta R.T. 0.001 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

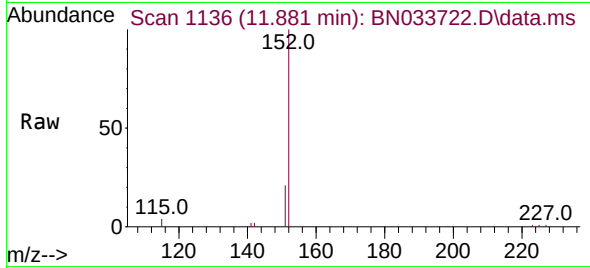
Tgt Ion:128 Resp: 3373
Ion Ratio Lower Upper
128 100
129 59.6 9.4 14.0#
127 29.6 11.0 16.4#





#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 11.881 min Scan# 1136
Delta R.T. -0.007 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

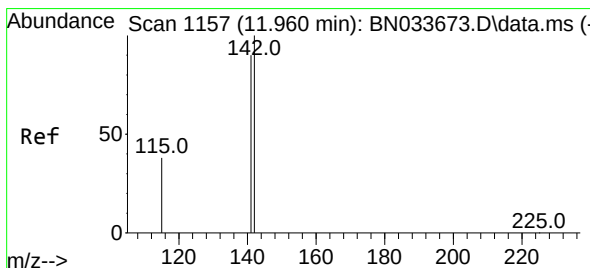
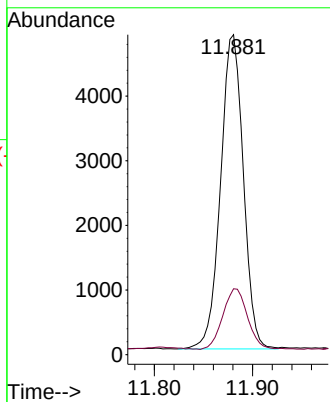
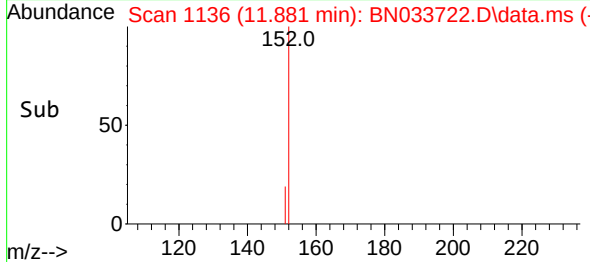
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924



Tgt Ion:152 Resp: 783
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1

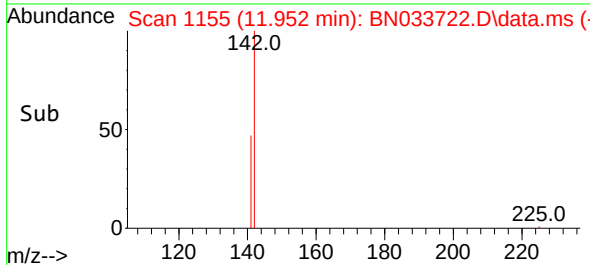
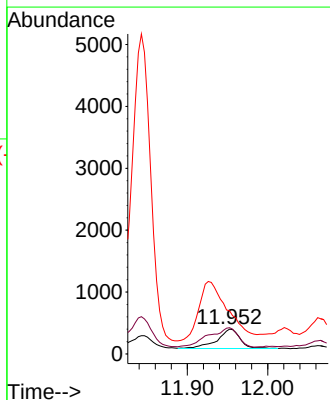
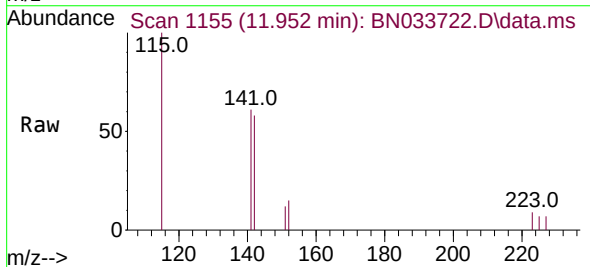
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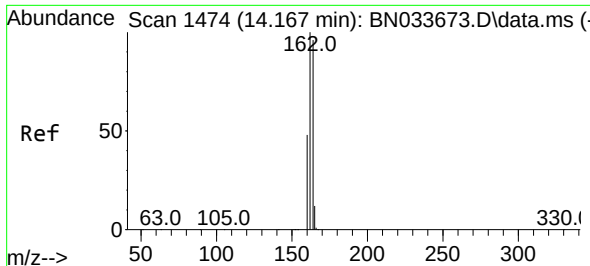
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 11.952 min Scan# 1155
Delta R.T. -0.007 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

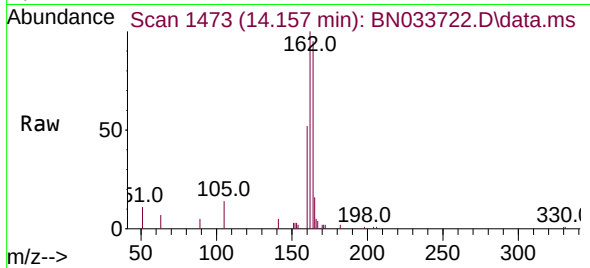
Tgt Ion:142 Resp: 629
Ion Ratio Lower Upper
142 100
141 105.7 71.8 107.8
115 173.6 31.4 47.0#





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.157 min Scan# 1473
Delta R.T. -0.010 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

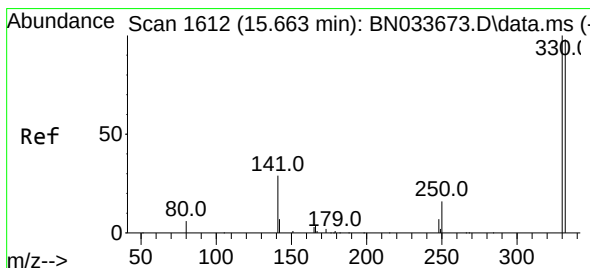
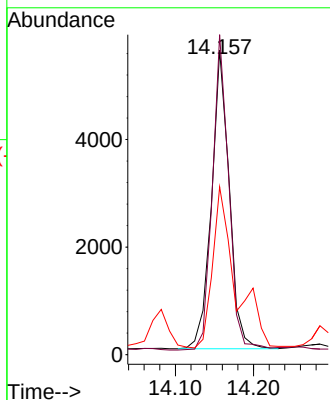
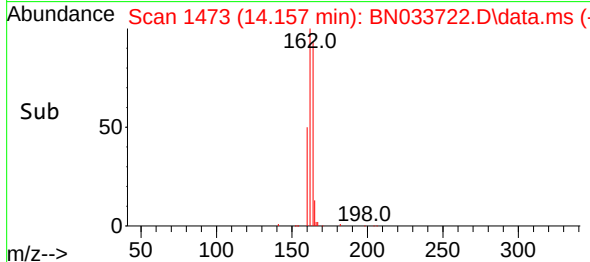
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924



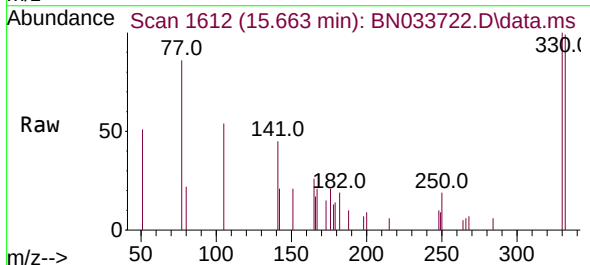
Tgt Ion:164 Resp: 8740
Ion Ratio Lower Upper
164 100
162 105.1 83.4 125.2
160 55.1 40.2 60.2

Manual Integrations
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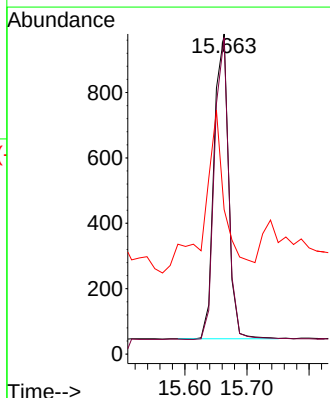
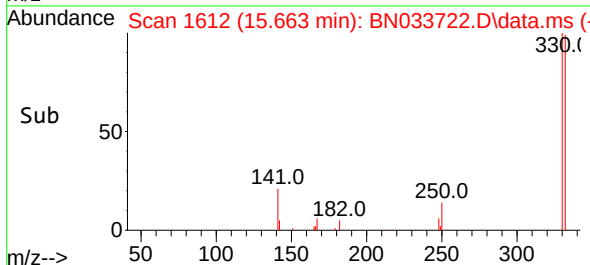
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

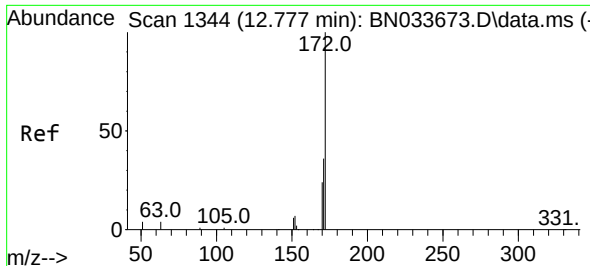


#14
2,4,6-Tribromophenol
Concen: 0.359 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.001 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23



Tgt Ion:330 Resp: 1504
Ion Ratio Lower Upper
330 100
332 97.6 78.6 118.0
141 63.1 35.0 52.6#





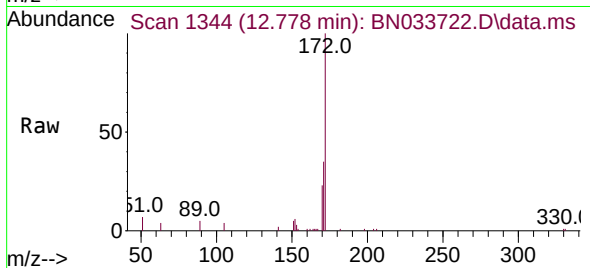
#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 12.778 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

Instrument :

BNA_N

ClientSampleId :

OWBR-02-170-082924



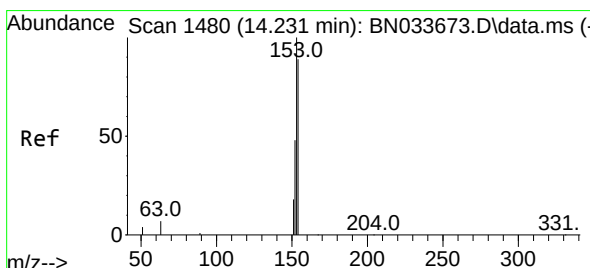
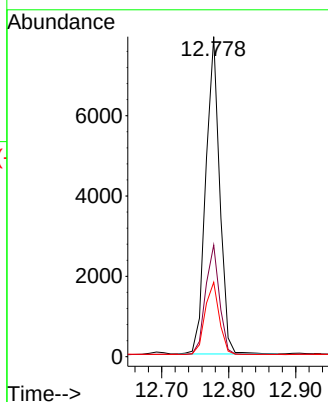
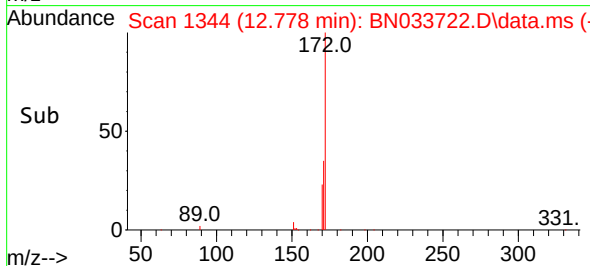
Tgt Ion:172 Resp: 1135
Ion Ratio Lower Upper
172 100
171 34.9 29.2 43.8
170 23.3 19.7 29.5

Manual Integrations

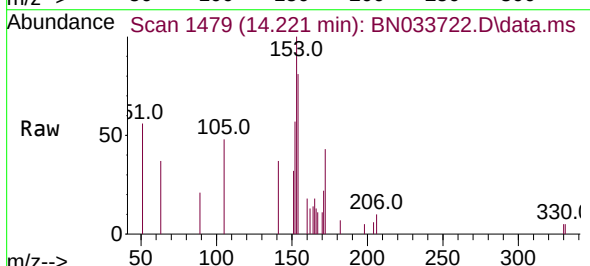
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Reviewed By :Yogesh Patel 09/02/2024

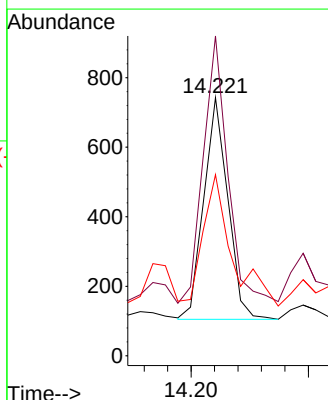
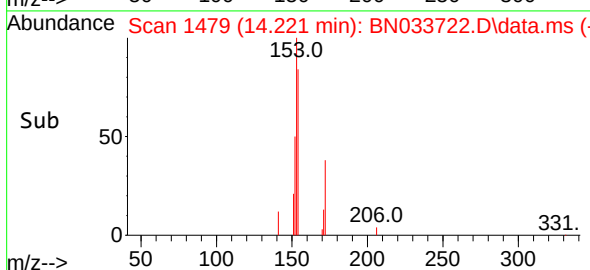
Supervised By :mohammad ahmed 09/02/2024

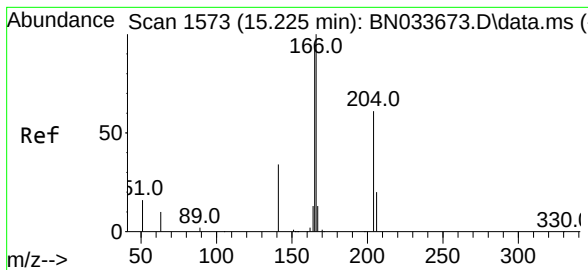


#17
Acenaphthene
Concen: 0.035 ng
RT: 14.221 min Scan# 1479
Delta R.T. -0.010 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23



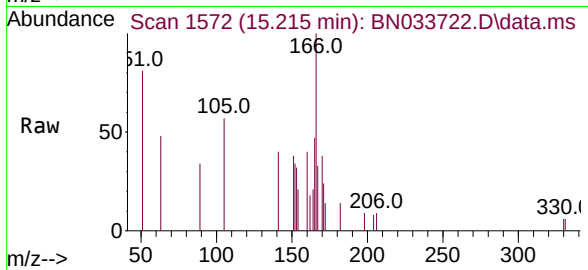
Tgt Ion:154 Resp: 908
Ion Ratio Lower Upper
154 100
153 122.0 91.8 137.8
152 70.8 45.4 68.2#





#18
Fluorene
Concen: 0.081 ng m
RT: 15.215 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

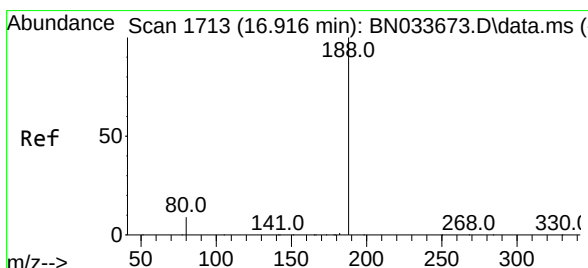
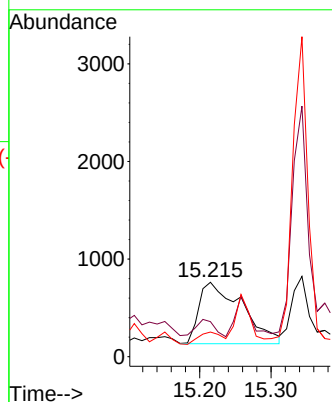
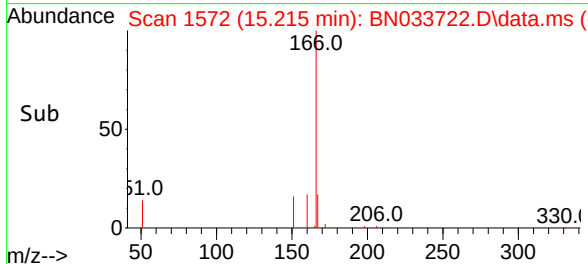
Instrument :
BNA_N
ClientSampleId :
OWBR-02-170-082924



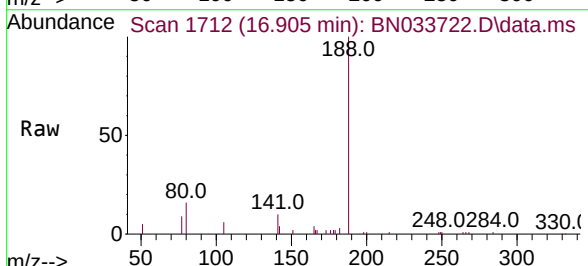
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Ion Ratio Lower Upper
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165 11.7 78.6 118.0
167 10.8 10.7 16.1

Manual Integrations
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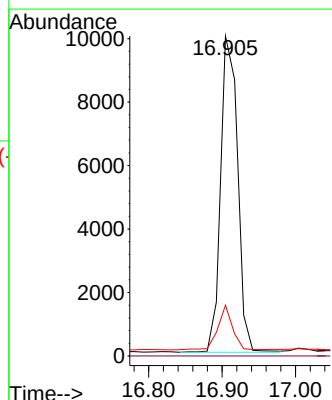
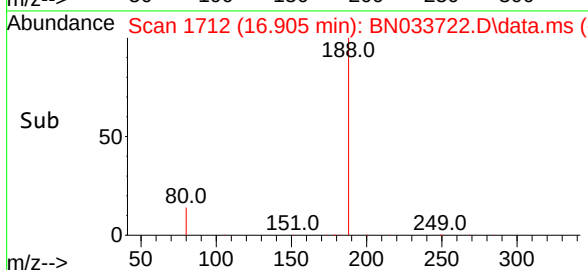
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

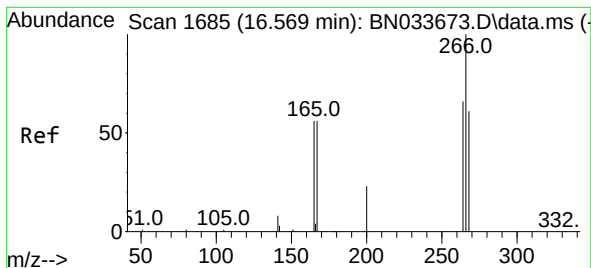


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23



Tgt Ion:188 Resp: 16041
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.9 7.4 11.0#





#24

Pentachlorophenol

Concen: 0.052 ng

RT: 16.569 min Scan# 1685

Delta R.T. 0.001 min

Lab File: BN033722.D

Acq: 31 Aug 2024 01:23

Instrument :

BNA_N

ClientSampleId :

OWBR-02-170-082924

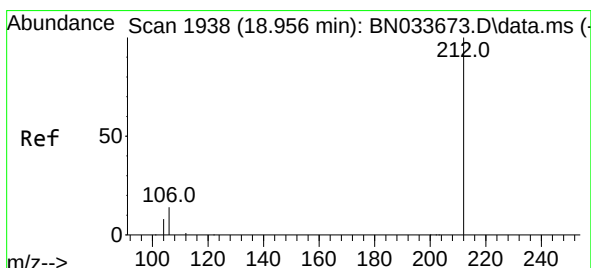
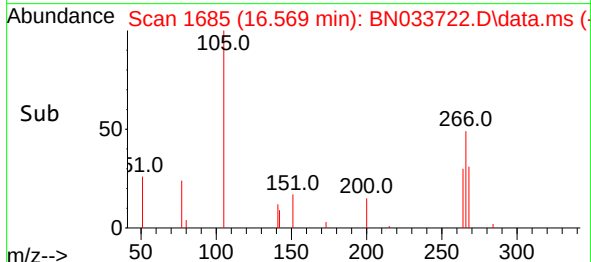
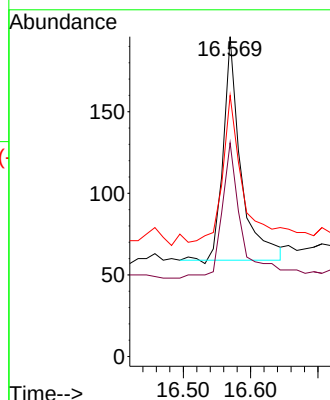
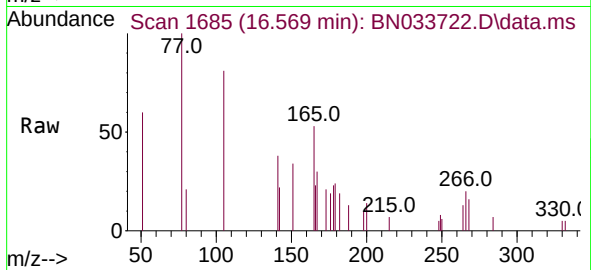
Tgt Ion:	266	Resp:	250
Ion Ratio	Lower	Upper	
266	100		
264	65.6	51.4	77.2
268	76.8	51.9	77.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#27

Fluoranthene-d10

Concen: 0.406 ng

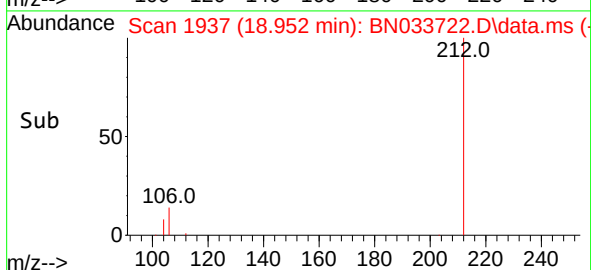
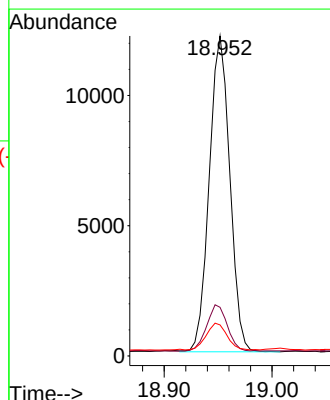
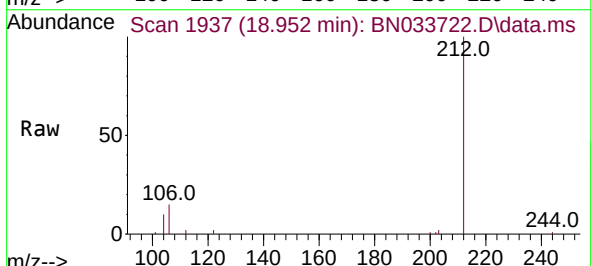
RT: 18.952 min Scan# 1937

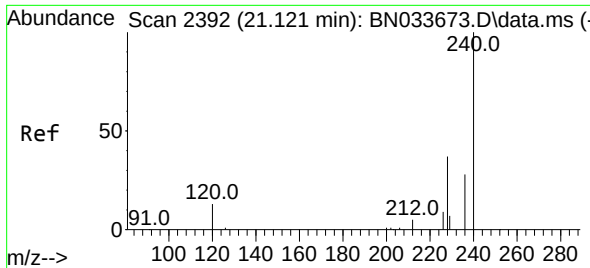
Delta R.T. -0.004 min

Lab File: BN033722.D

Acq: 31 Aug 2024 01:23

Tgt Ion:	212	Resp:	16059
Ion Ratio	Lower	Upper	
212	100		
106	14.8	11.8	17.6
104	8.6	6.9	10.3





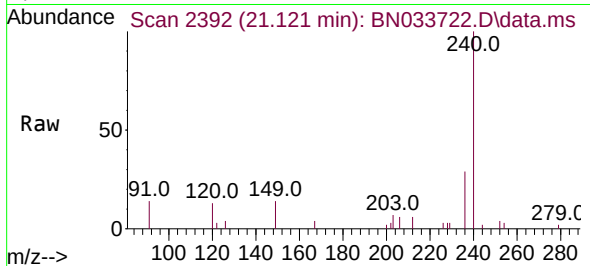
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 211
Delta R.T. 0.001 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23

Instrument :

BNA_N

ClientSampleId :

OWBR-02-170-082924



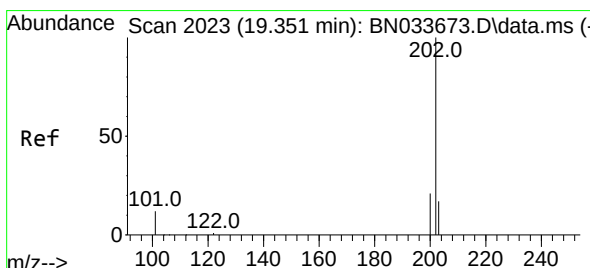
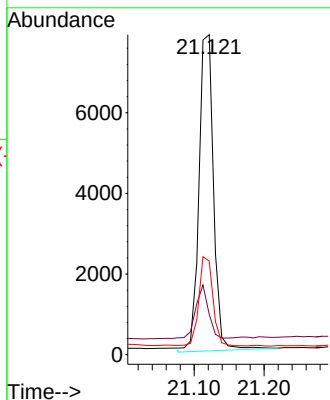
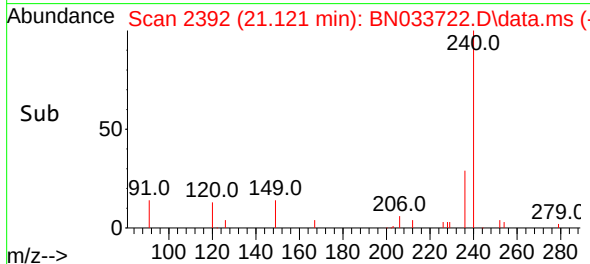
Tgt Ion:240 Resp: 1143
Ion Ratio Lower Upper
240 100
120 12.6 13.3 19.9
236 29.2 23.4 35.2

Manual Integrations

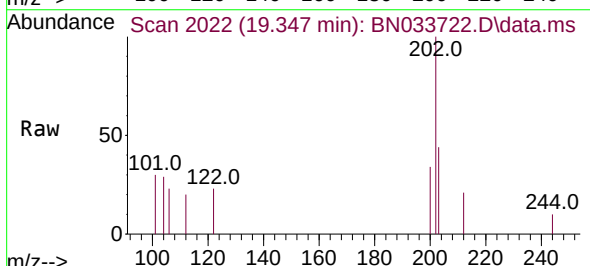
APPROVED

Reviewed By :Yogesh Patel 09/02/2024

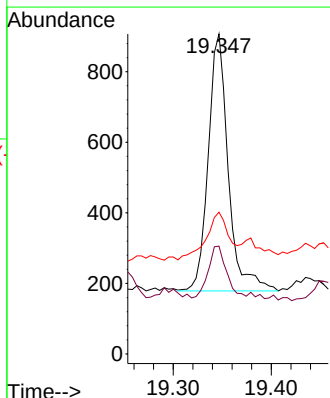
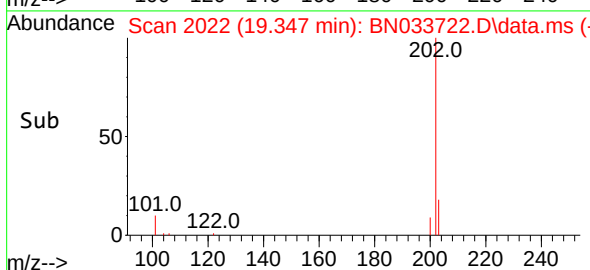
Supervised By :mohammad ahmed 09/02/2024

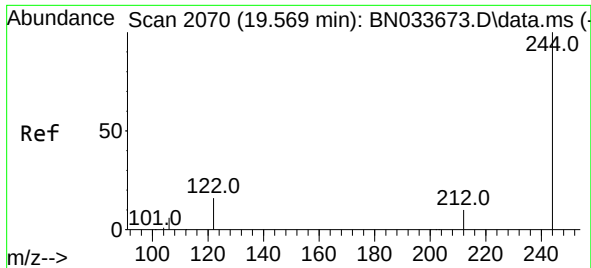


#30
Pyrene
Concen: 0.022 ng
RT: 19.347 min Scan# 2022
Delta R.T. -0.004 min
Lab File: BN033722.D
Acq: 31 Aug 2024 01:23



Tgt Ion:202 Resp: 1032
Ion Ratio Lower Upper
202 100
200 18.3 16.8 25.2
203 20.6 14.5 21.7





#31
 Terphenyl-d14
 Concen: 0.448 ng
 RT: 19.565 min Scan# 2069
 Delta R.T. -0.004 min
 Lab File: BN033722.D
 Acq: 31 Aug 2024 01:23

Instrument :

BNA_N

ClientSampleId :

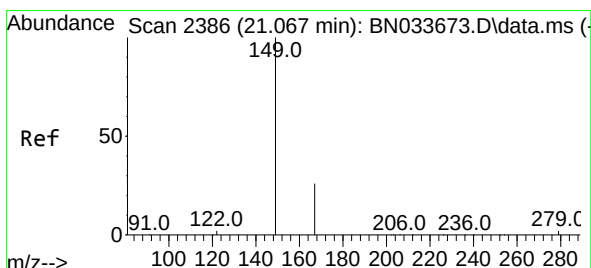
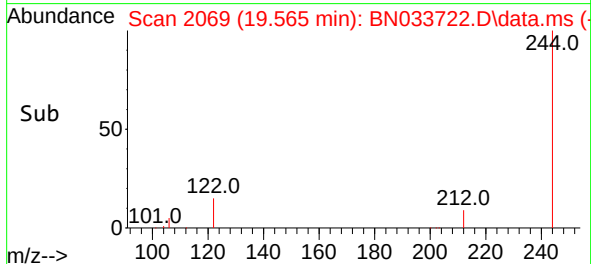
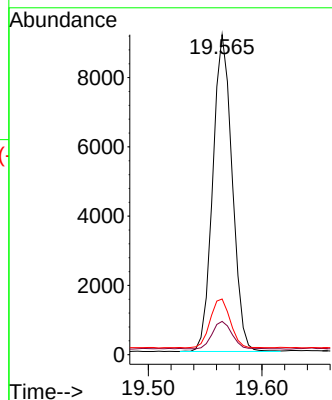
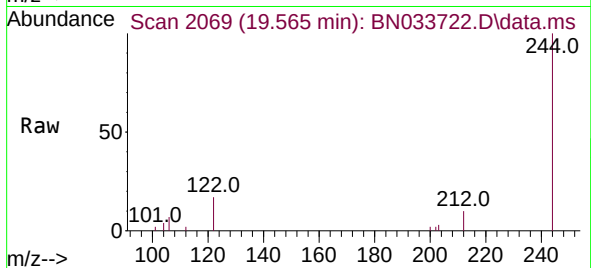
OWBR-02-170-082924

Tgt Ion:244 Resp: 1083
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.2 12.4
 122 17.4 13.6 20.4

Manual Integrations

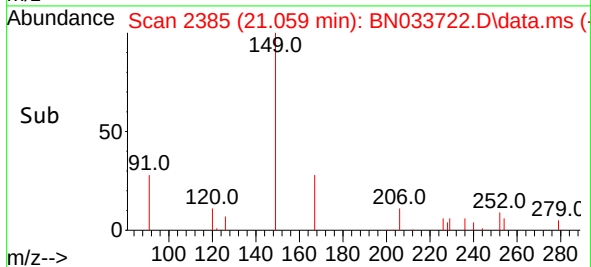
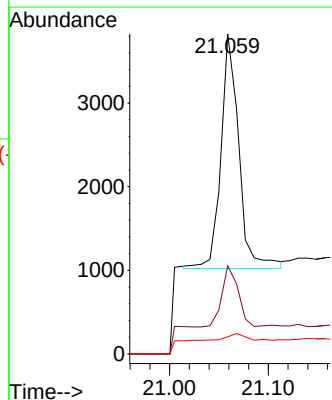
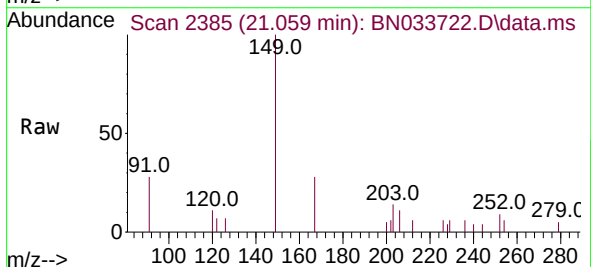
APPROVED

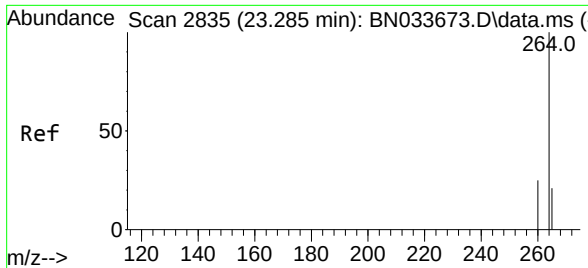
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.155 ng m
 RT: 21.059 min Scan# 2385
 Delta R.T. -0.008 min
 Lab File: BN033722.D
 Acq: 31 Aug 2024 01:23

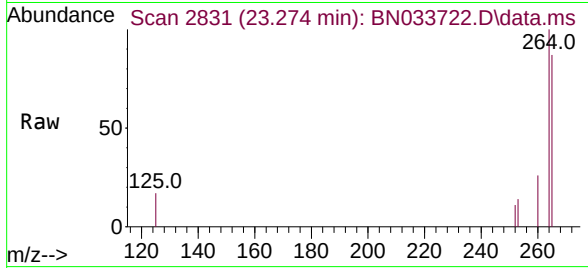
Tgt Ion:149 Resp: 3532
 Ion Ratio Lower Upper
 149 100
 167 33.6 28.3 42.5
 279 30.0 4.2 6.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.274 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN033722.D
 Acq: 31 Aug 2024 01:23

Instrument :
 BNA_N
 ClientSampleId :
 OWBR-02-170-082924



Tgt Ion: 264 Resp: 1042

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.7	31.1
265	87.5	69.9	104.9

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 09/02/2024
 Supervised By : mohammad ahmed 09/02/2024

