

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033723.D
 Acq On : 31 Aug 2024 02:00
 Operator : MA/JU
 Sample : PB163086BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163086BSD

Manual Integrations
 APPROVED

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

Quant Time: Aug 31 02:36:08 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	8425	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	22739	0.400	ng	-0.01
13) Acenaphthene-d10	14.156	164	11274	0.400	ng	-0.01
19) Phenanthrene-d10	16.904	188	22739	0.400	ng	#-0.01
29) Chrysene-d12	21.121	240	15998	0.400	ng	# 0.00
35) Perylene-d12	23.276	264	14982	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	9708	0.383	ng	0.00
5) Phenol-d6	6.714	99	11907	0.398	ng	0.00
8) Nitrobenzene-d5	8.659	82	7124	0.377	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	12538	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	2056	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	17894	0.377	ng	0.00
27) Fluoranthene-d10	18.952	212	21441	0.382	ng	0.00
31) Terphenyl-d14	19.565	244	14708	0.435	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	3612	0.369	ng	99
3) n-Nitrosodimethylamine	3.464	42	4227	0.368	ng	94
6) bis(2-Chloroethyl)ether	6.960	93	9191	0.402	ng	99
9) Naphthalene	10.336	128	23154	0.380	ng	99
10) Hexachlorobutadiene	10.624	225	4707	0.373	ng	# 100
12) 2-Methylnaphthalene	11.956	142	14461	0.386	ng	98
16) Acenaphthylene	13.879	152	18002	0.369	ng	100
17) Acenaphthene	14.221	154	12722	0.375	ng	99
18) Fluorene	15.215	166	16071	0.382	ng	100
20) 4,6-Dinitro-2-methylph...	15.300	198	1300	0.377	ng	# 59
21) 4-Bromophenyl-phenylether	16.110	248	5055	0.384	ng	# 75
22) Hexachlorobenzene	16.222	284	5856	0.390	ng	99
23) Atrazine	16.395	200	3992	0.381	ng	94
24) Pentachlorophenol	16.569	266	2248	0.331	ng	96
25) Phenanthrene	16.954	178	24298	0.384	ng	100
26) Anthracene	17.041	178	20824	0.380	ng	100
28) Fluoranthene	18.984	202	26896	0.378	ng	100
30) Pyrene	19.346	202	27335	0.422	ng	100
32) Benzo(a)anthracene	21.103	228	22127	0.392	ng	99
33) Chrysene	21.157	228	22382	0.387	ng	98
34) Bis(2-ethylhexyl)phtha...	21.059	149	13550m	0.424	ng	
36) Indeno(1,2,3-cd)pyrene	25.414	276	23867	0.371	ng	100
37) Benzo(b)fluoranthene	22.636	252	21545	0.391	ng	96
38) Benzo(k)fluoranthene	22.677	252	22165	0.410	ng	98
39) Benzo(a)pyrene	23.180	252	17478	0.380	ng	95
40) Dibenzo(a,h)anthracene	25.425	278	18786	0.367	ng	97
41) Benzo(g,h,i)perylene	26.060	276	19968	0.360	ng	99

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

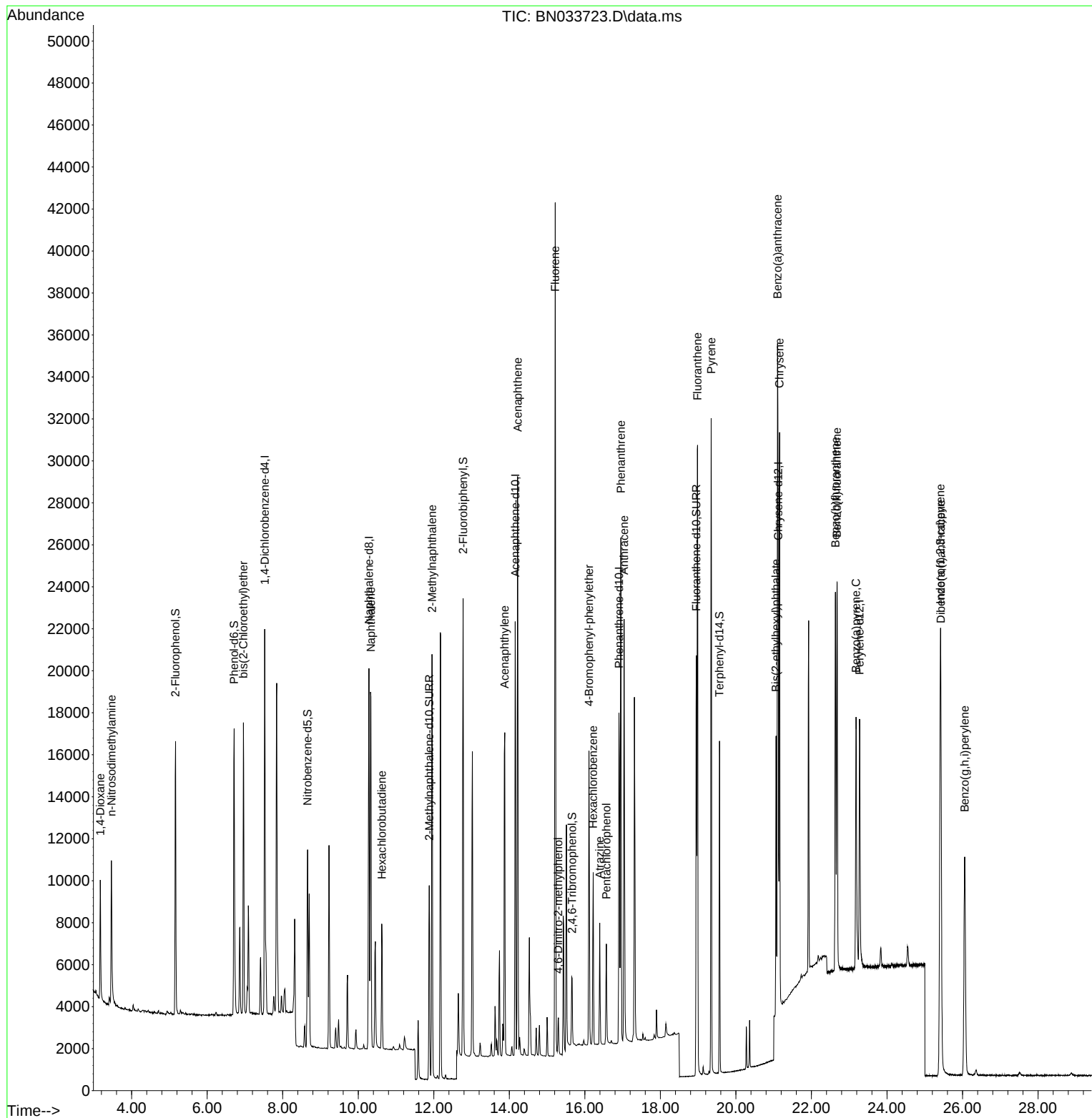
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
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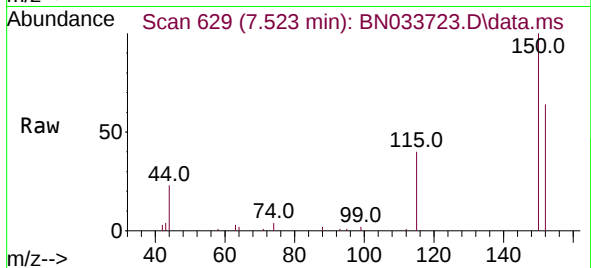
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.523 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD

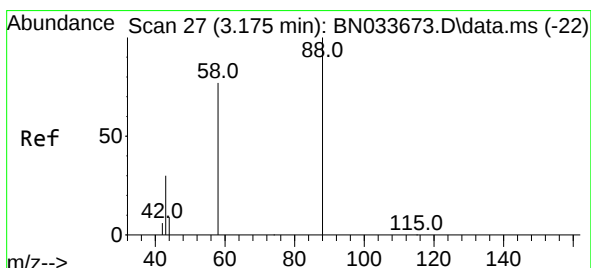
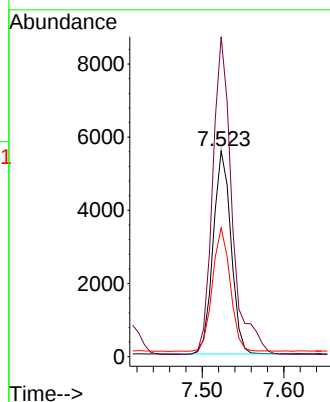
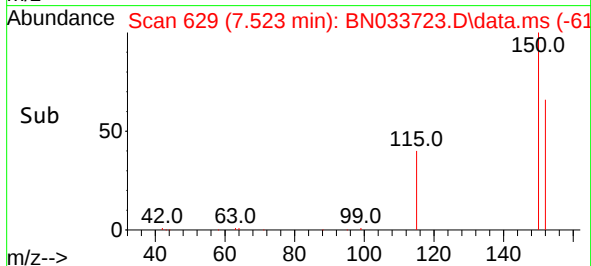


Tgt Ion:152 Resp: 842
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.4 185.0
 115 62.6 51.3 76.9

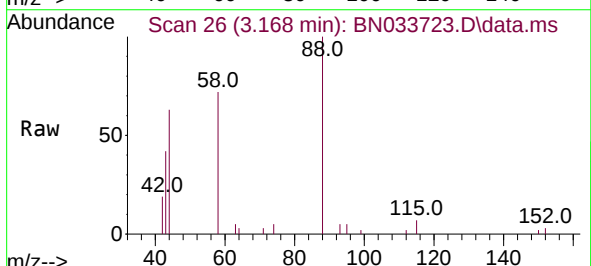
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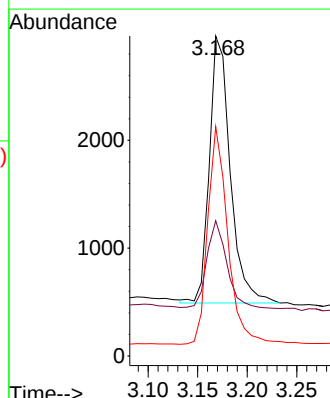
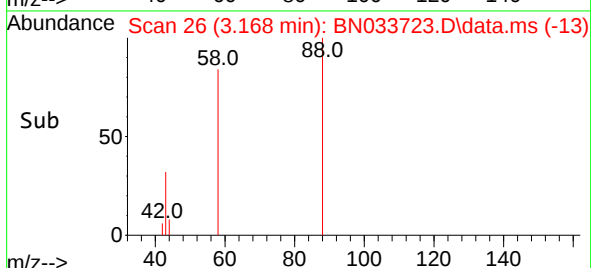
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 Supervised By :mohammad ahmed 09/02/2024

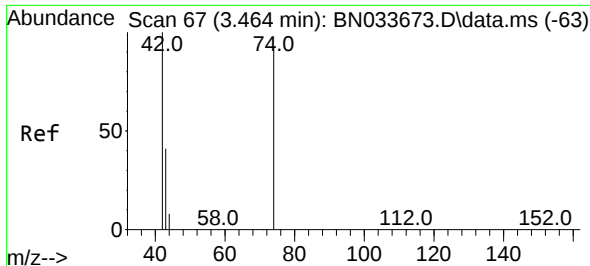


#2
 1,4-Dioxane
 Concen: 0.369 ng
 RT: 3.168 min Scan# 26
 Delta R.T. -0.007 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00



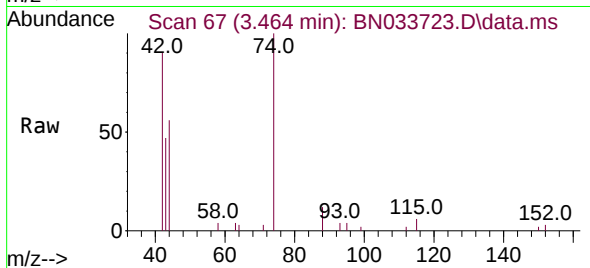
Tgt Ion: 88 Resp: 3612
 Ion Ratio Lower Upper
 88 100
 43 31.6 26.8 40.2
 58 78.8 63.4 95.0





#3
n-Nitrosodimethylamine
Concen: 0.368 ng
RT: 3.464 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

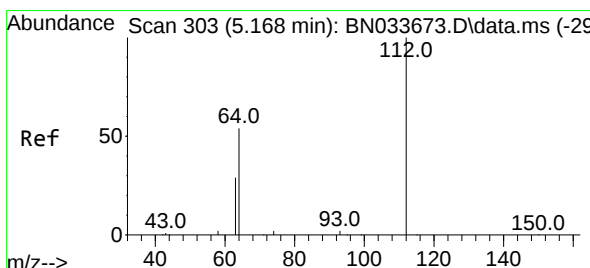
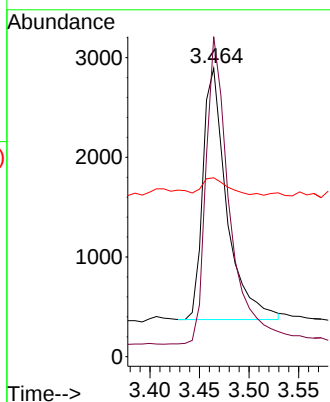
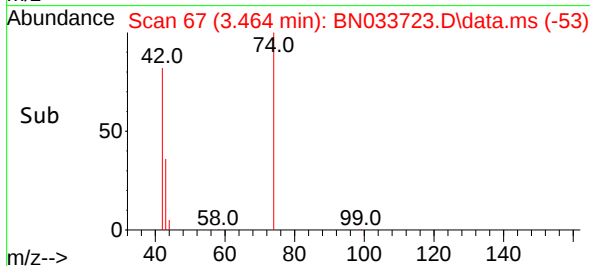
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



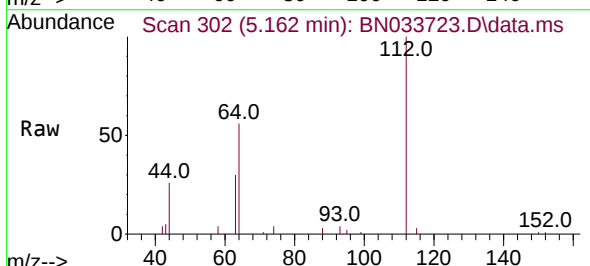
Tgt Ion: 42 Resp: 422
Ion Ratio Lower Upper
42 100
74 121.5 91.8 137.6
44 7.4 6.2 9.4

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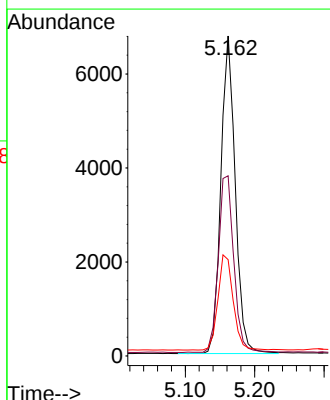
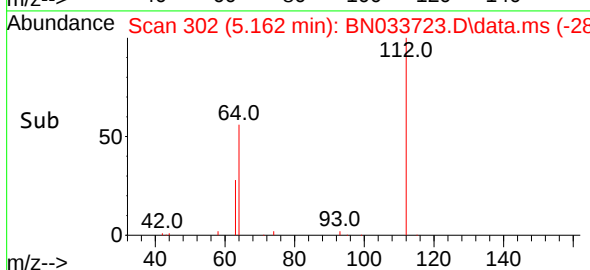
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

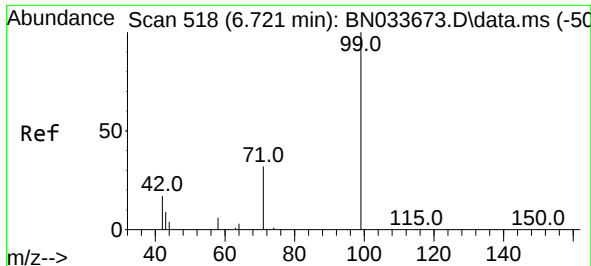


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.162 min Scan# 302
Delta R.T. -0.007 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



Tgt Ion:112 Resp: 9708
Ion Ratio Lower Upper
112 100
64 60.0 48.6 72.8
63 31.7 26.6 39.8





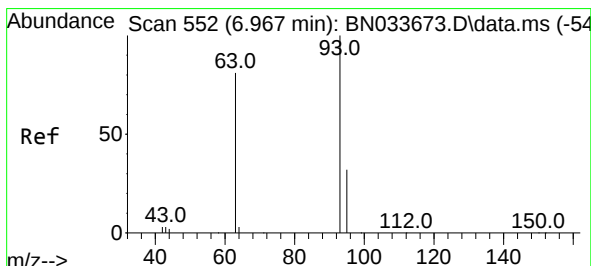
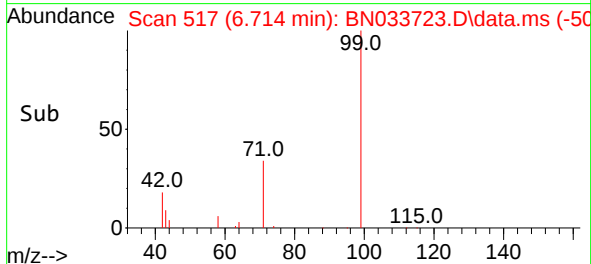
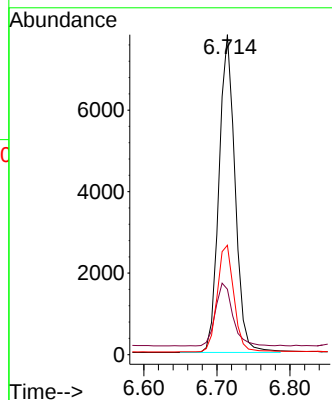
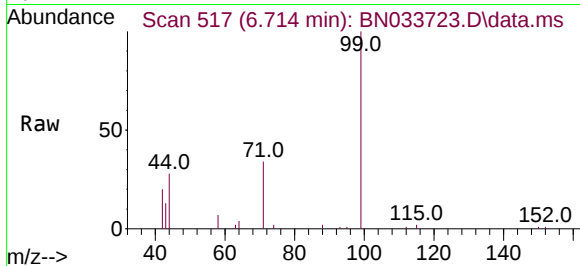
#5
Phenol-d6
Concen: 0.398 ng
RT: 6.714 min Scan# 518
Delta R.T. -0.007 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Instrument :
BNA_N
ClientSampleId :
PB163086BSD

Tgt Ion: 99 Resp: 1190
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.8
71 35.0 28.0 42.0

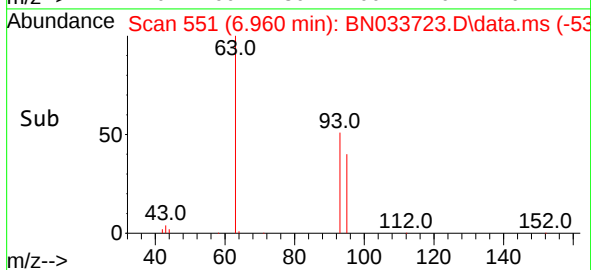
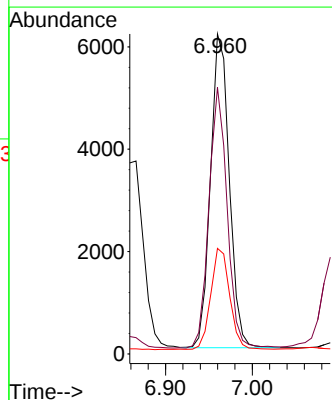
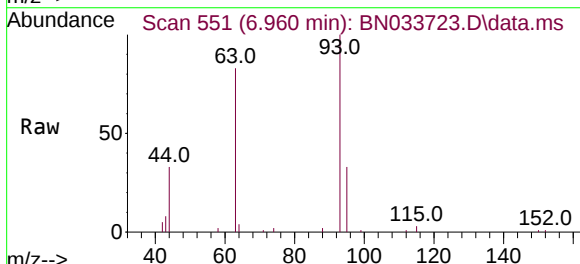
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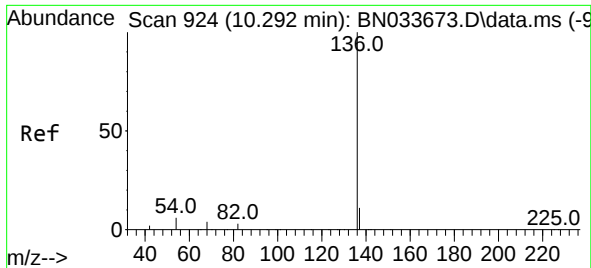
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.402 ng
RT: 6.960 min Scan# 551
Delta R.T. -0.007 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Tgt Ion: 93 Resp: 9191
Ion Ratio Lower Upper
93 100
63 80.6 63.9 95.9
95 33.0 26.4 39.6





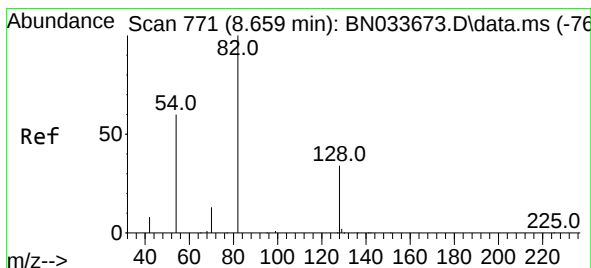
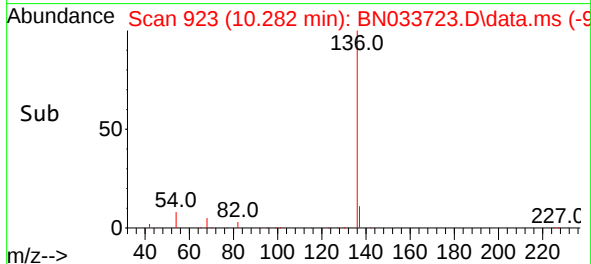
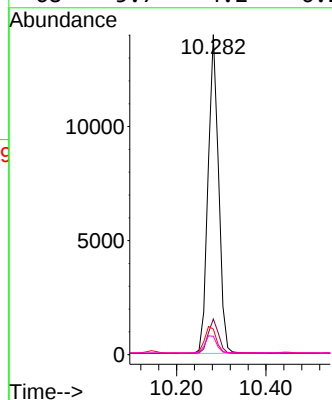
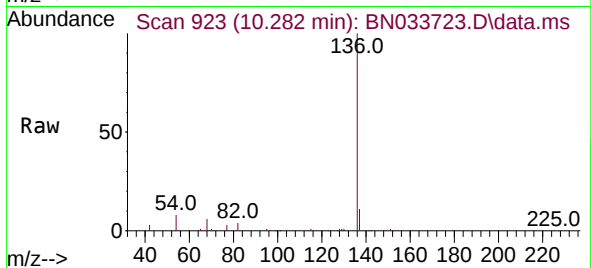
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 91
Delta R.T. -0.010 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Instrument :
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ClientSampleId :
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Tgt Ion:136	Resp:	22739
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	8.0	5.8 8.6
68	5.7	4.2 6.2

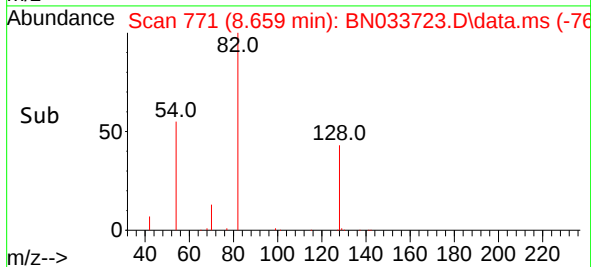
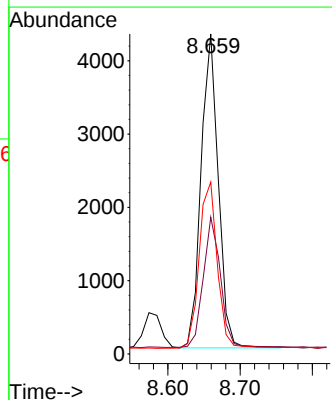
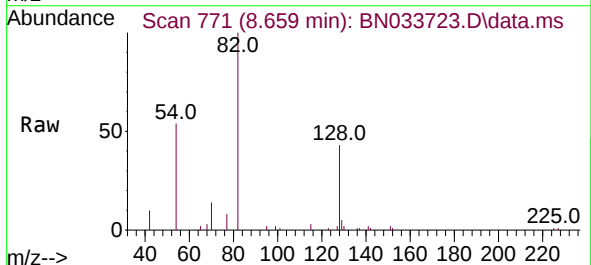
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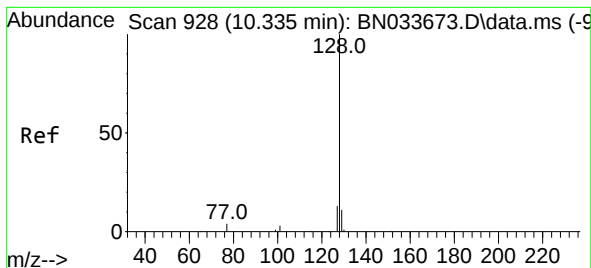
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#8
Nitrobenzene-d5
Concen: 0.377 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Tgt Ion: 82	Resp:	7124
Ion Ratio	Lower	Upper
82	100	
128	42.7	29.3 43.9
54	53.7	49.4 74.0





#9

Naphthalene

Concen: 0.380 ng

RT: 10.336 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

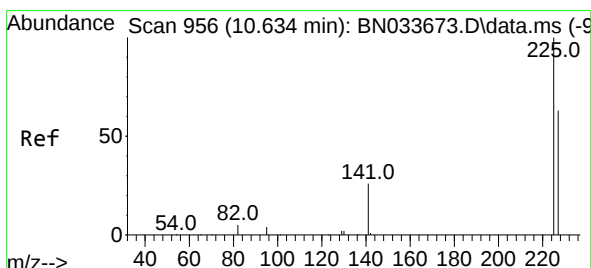
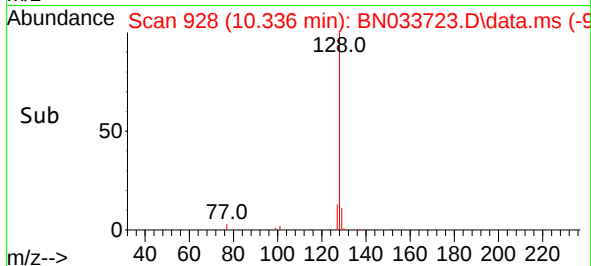
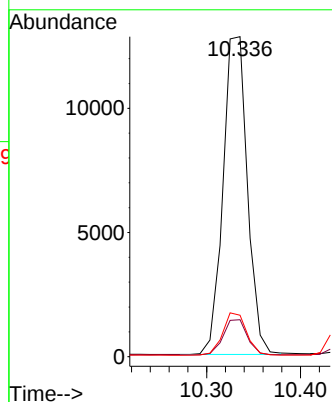
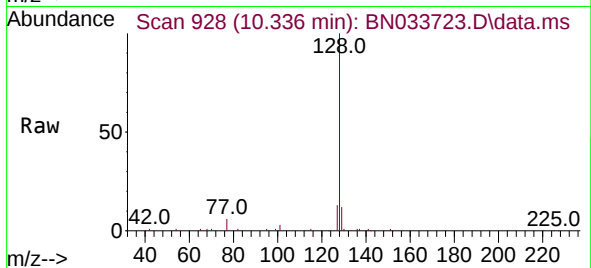
ClientSampleId :

PB163086BSD

Tgt Ion:	128	Resp:	23154
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.4	14.0
127	13.0	11.0	16.4

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Supervised By :mohammad ahmed 09/02/2024



#10

Hexachlorobutadiene

Concen: 0.373 ng

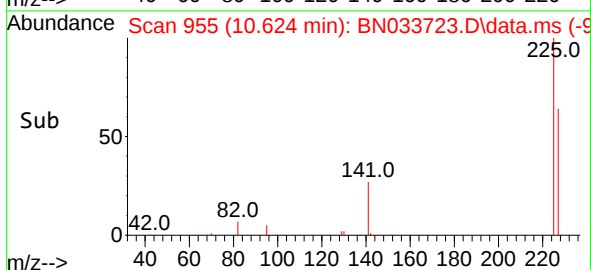
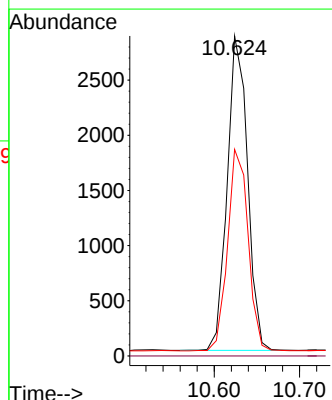
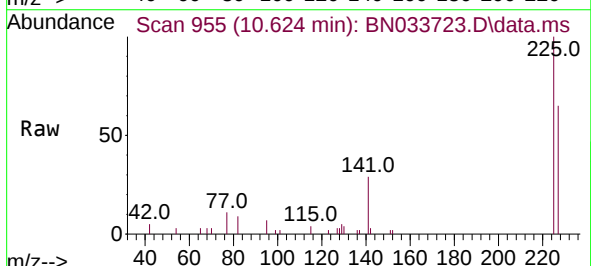
RT: 10.624 min Scan# 955

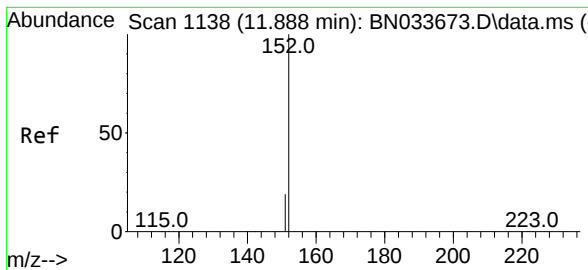
Delta R.T. -0.010 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

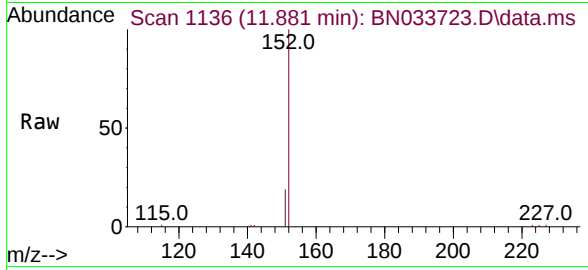
Tgt Ion:	225	Resp:	4707
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.5	51.4	77.0





#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.881 min Scan# 1138
Delta R.T. -0.007 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

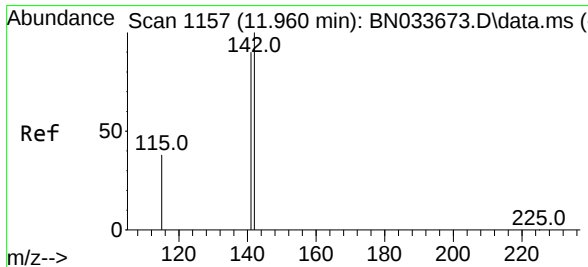
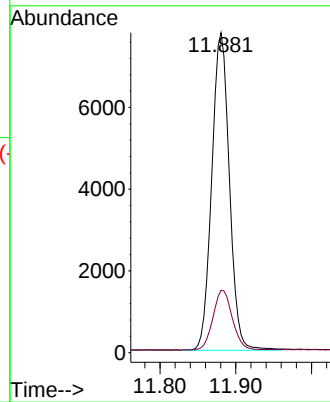
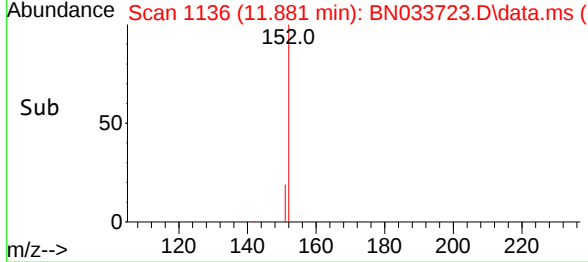
Instrument :
BNA_N
ClientSampleId :
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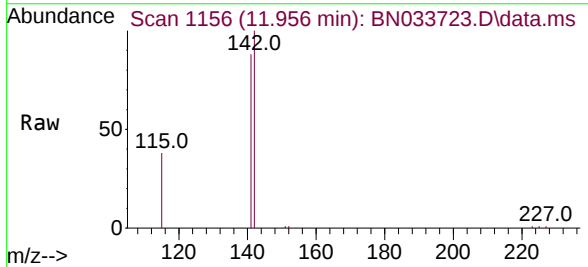
Tgt Ion:152 Resp: 12538
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

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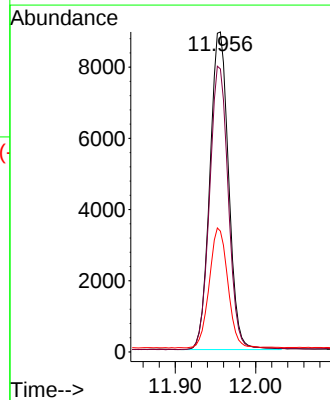
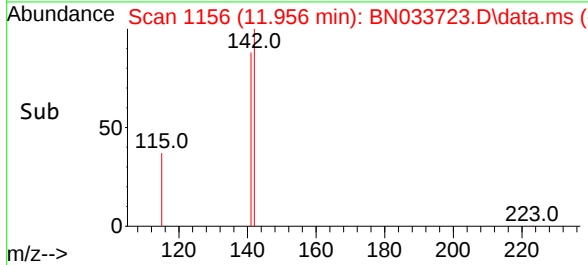
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

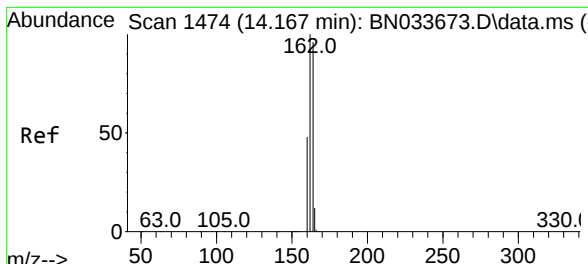


#12
2-Methylnaphthalene
Concen: 0.386 ng
RT: 11.956 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



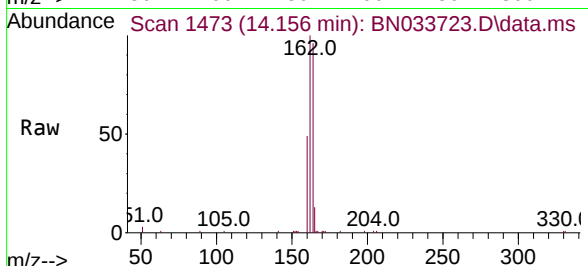
Tgt Ion:142 Resp: 14461
Ion Ratio Lower Upper
142 100
141 88.5 71.8 107.8
115 37.8 31.4 47.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.156 min Scan# 1473
Delta R.T. -0.010 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

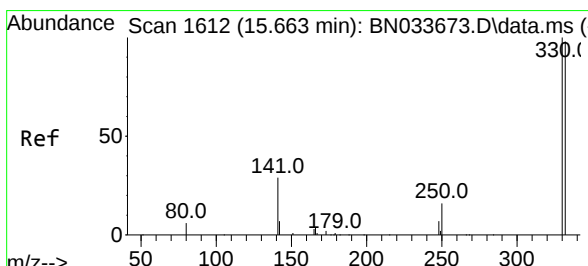
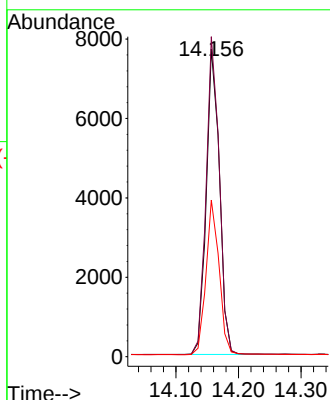
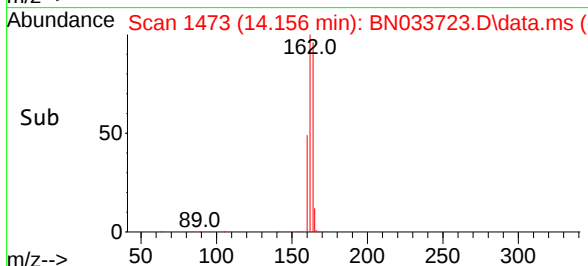
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



Tgt Ion:164 Resp: 11274
Ion Ratio Lower Upper
164 100
162 104.0 83.4 125.2
160 50.9 40.2 60.2

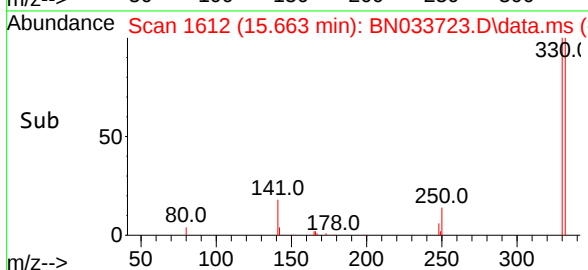
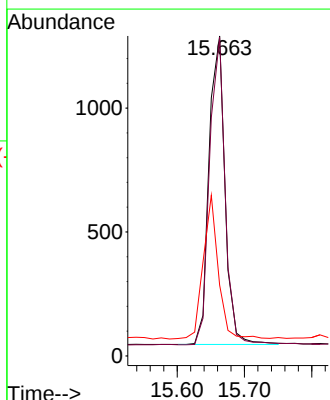
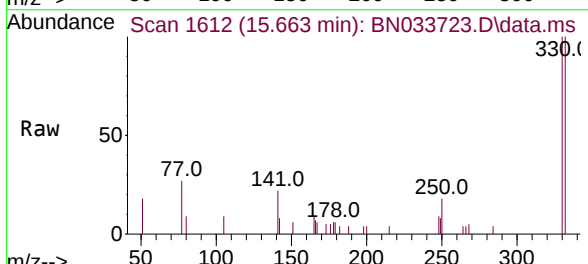
Manual Integrations
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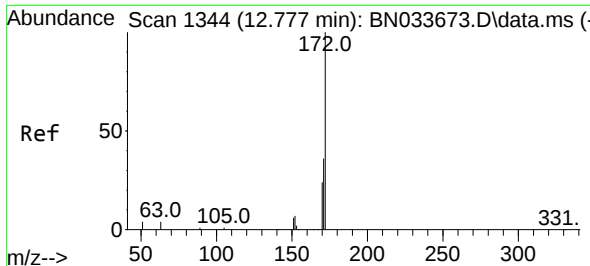
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024



#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.663 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

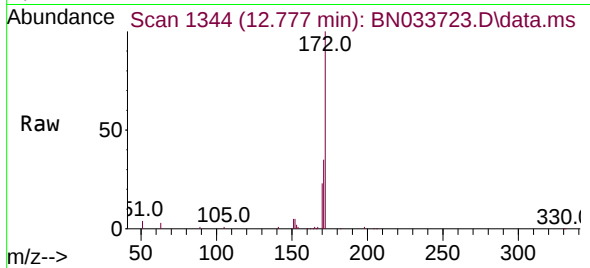
Tgt Ion:330 Resp: 2056
Ion Ratio Lower Upper
330 100
332 96.7 78.6 118.0
141 44.2 35.0 52.6





#15
2-Fluorobiphenyl
Concen: 0.377 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

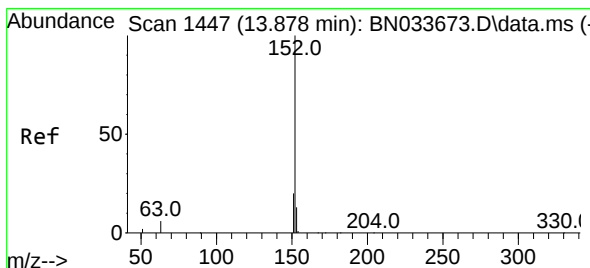
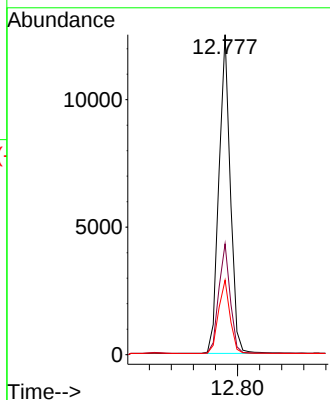
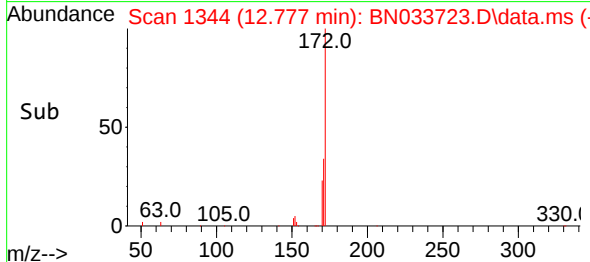
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



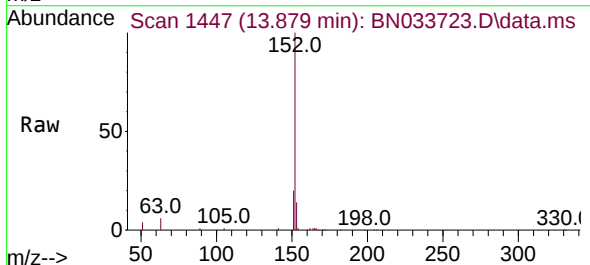
Tgt Ion:172 Resp: 17894
Ion Ratio Lower Upper
172 100
171 34.6 29.2 43.8
170 23.3 19.7 29.5

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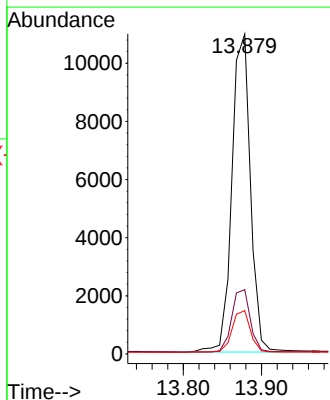
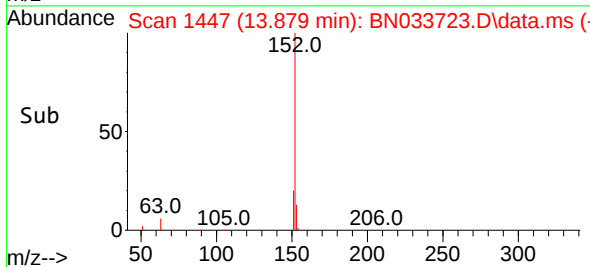
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

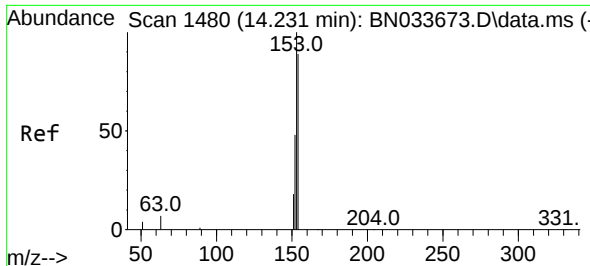


#16
Acenaphthylene
Concen: 0.369 ng
RT: 13.879 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



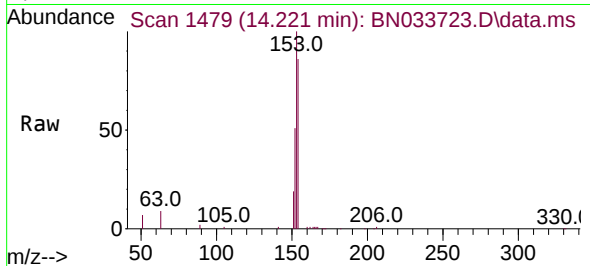
Tgt Ion:152 Resp: 18002
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 12.9 10.3 15.5





#17
Acenaphthene
Concen: 0.375 ng
RT: 14.221 min Scan# 1480
Delta R.T. -0.010 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

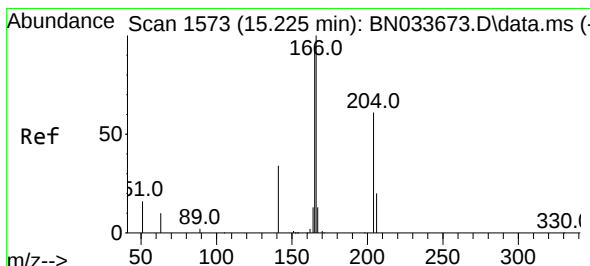
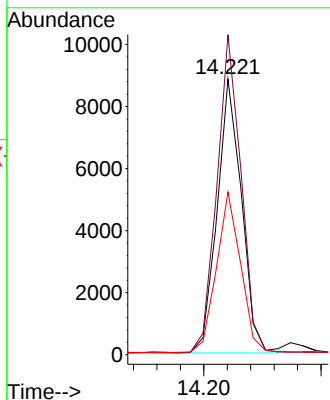
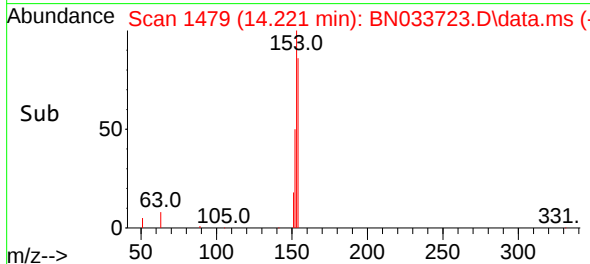
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



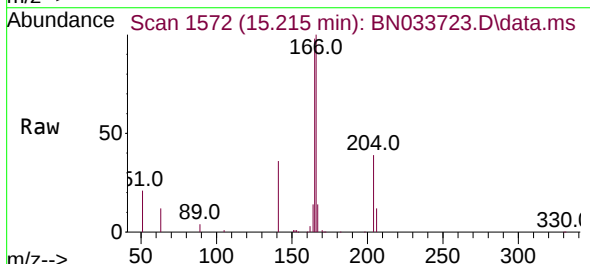
Tgt Ion:154 Resp: 1272
Ion Ratio Lower Upper
154 100
153 115.1 91.8 137.8
152 58.2 45.4 68.2

Manual Integrations
APPROVED

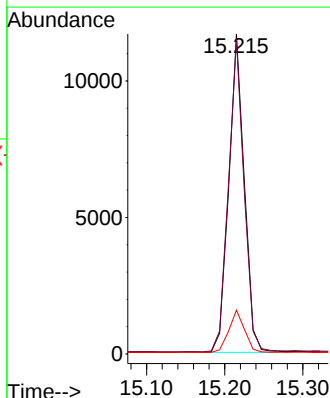
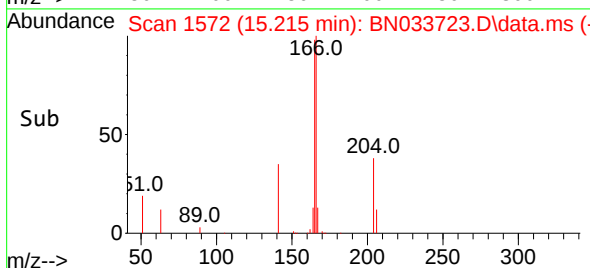
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

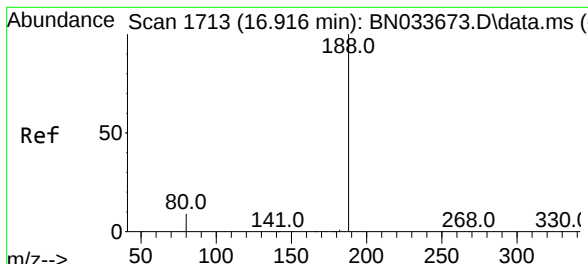


#18
Fluorene
Concen: 0.382 ng
RT: 15.215 min Scan# 1572
Delta R.T. -0.010 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



Tgt Ion:166 Resp: 16071
Ion Ratio Lower Upper
166 100
165 98.5 78.6 118.0
167 13.5 10.7 16.1





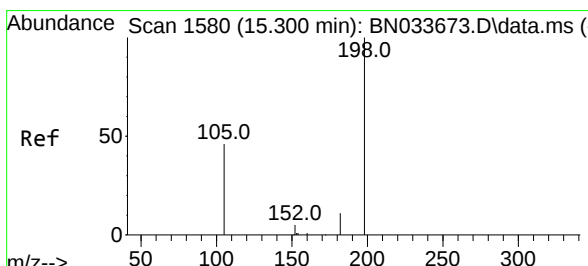
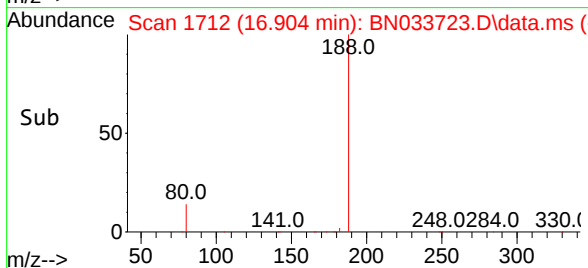
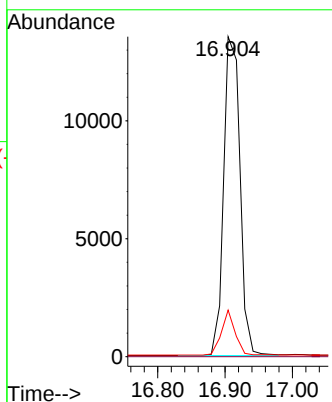
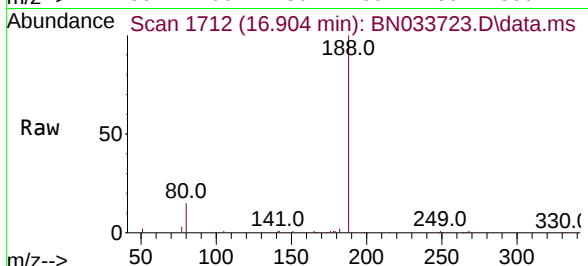
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.904 min Scan# 1712
 Delta R.T. -0.012 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00

Instrument : BNA_N
 ClientSampleId : PB163086BSD

Tgt Ion:	188	Resp:	22739
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.5	7.4	11.0

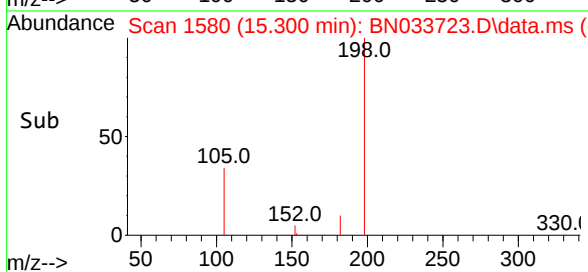
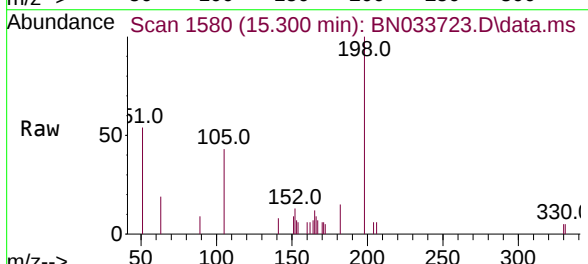
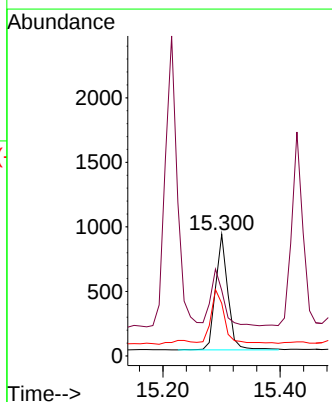
Manual Integrations
 APPROVED

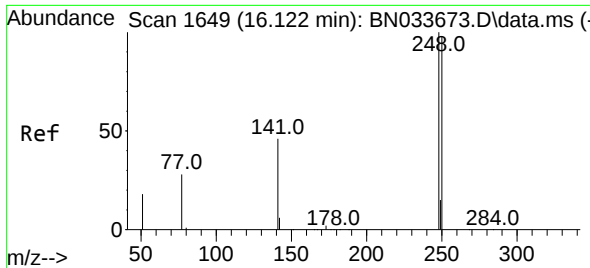
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.377 ng
 RT: 15.300 min Scan# 1580
 Delta R.T. 0.000 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00

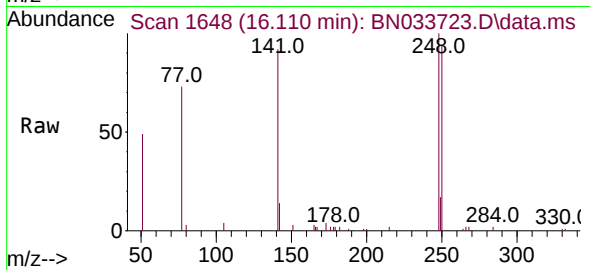
Tgt Ion:	198	Resp:	1300
Ion Ratio	Lower	Upper	
198	100		
51	54.0	82.9	124.3#
105	43.3	53.4	80.0#





#21
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.110 min Scan# 1648
Delta R.T. -0.012 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

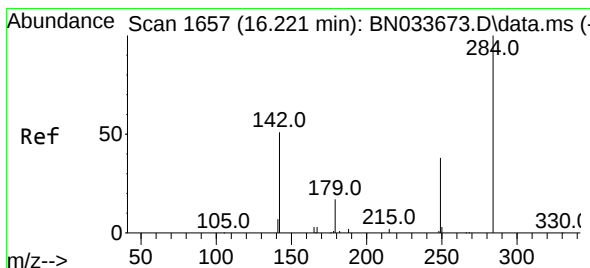
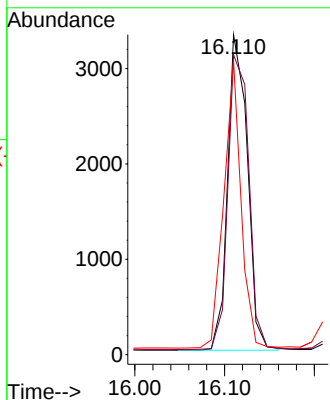
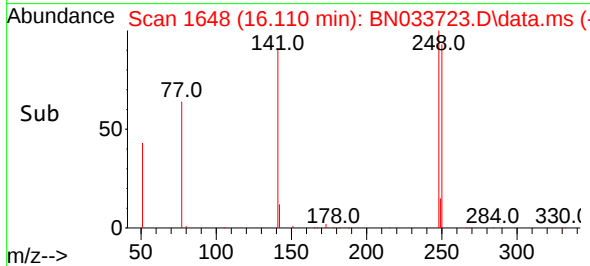
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



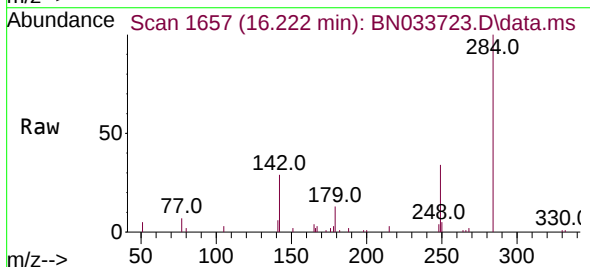
Tgt Ion:248 Resp: 505
Ion Ratio Lower Upper
248 100
250 93.7 79.0 118.4
141 91.9 38.5 57.7

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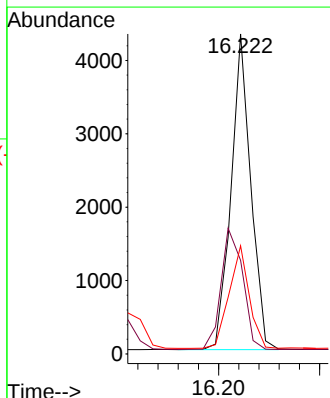
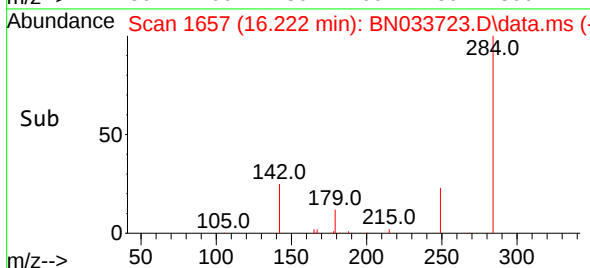
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

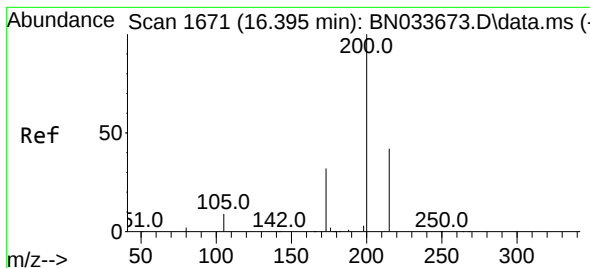


#22
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.222 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



Tgt Ion:284 Resp: 5856
Ion Ratio Lower Upper
284 100
142 42.1 34.0 51.0
249 32.9 26.2 39.2





#23

Atrazine

Concen: 0.381 ng

RT: 16.395 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD

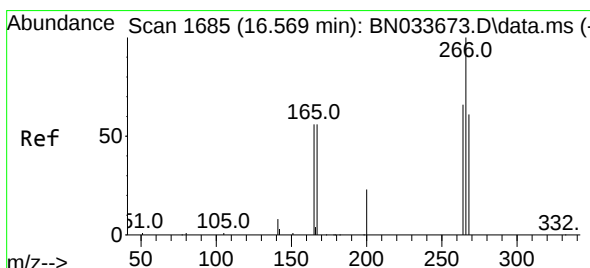
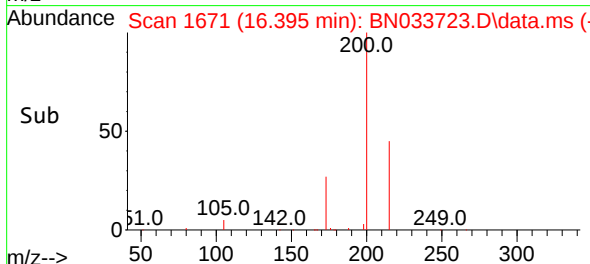
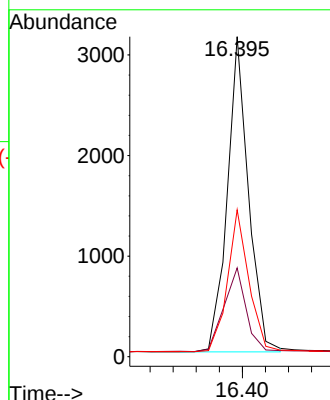
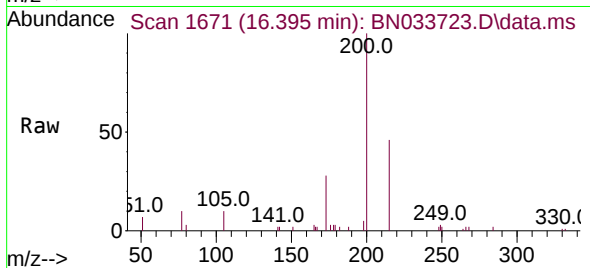
Tgt Ion:	200	Resp:	399
Ion Ratio	Lower	Upper	
200	100		
173	27.7	27.0	40.4
215	45.9	35.5	53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#24

Pentachlorophenol

Concen: 0.331 ng

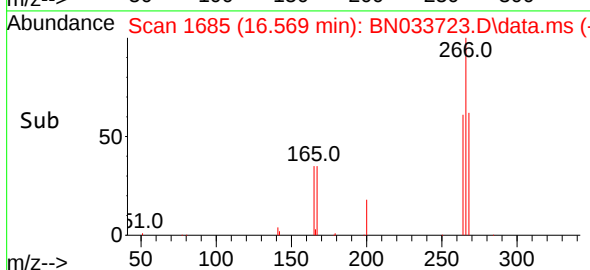
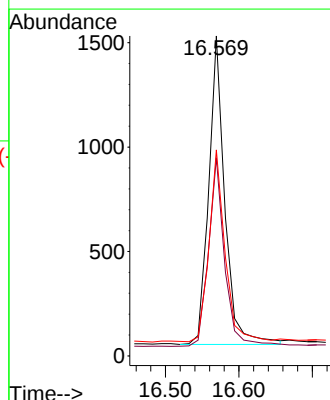
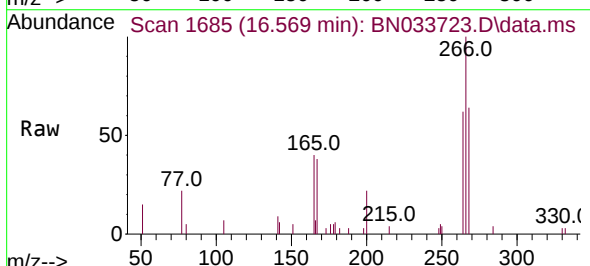
RT: 16.569 min Scan# 1685

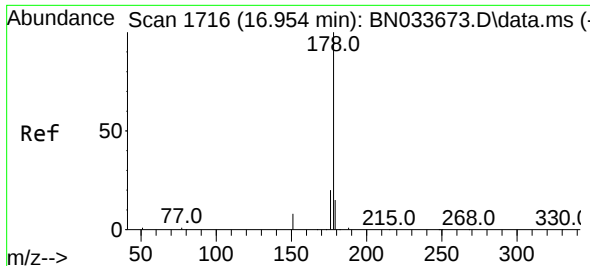
Delta R.T. 0.000 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

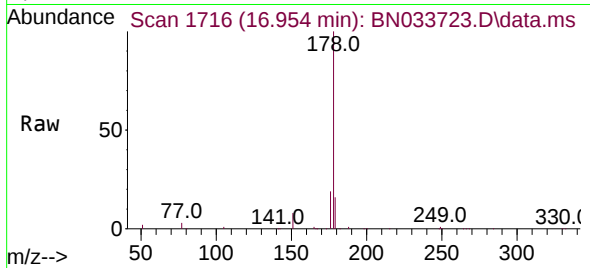
Tgt Ion:	266	Resp:	2248
Ion Ratio	Lower	Upper	
266	100		
264	61.2	51.4	77.2
268	62.3	51.9	77.9





#25
Phenanthrene
Concen: 0.384 ng
RT: 16.954 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

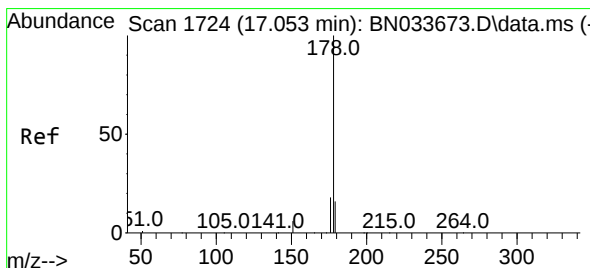
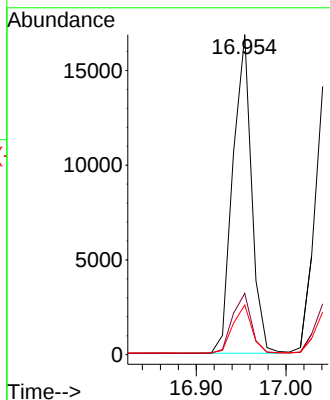
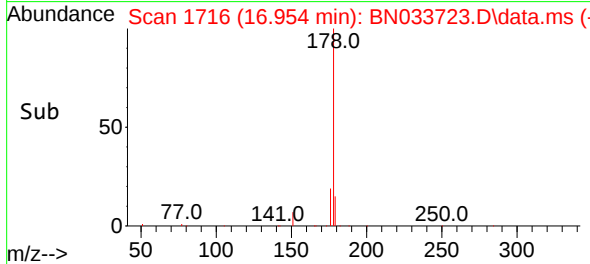
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



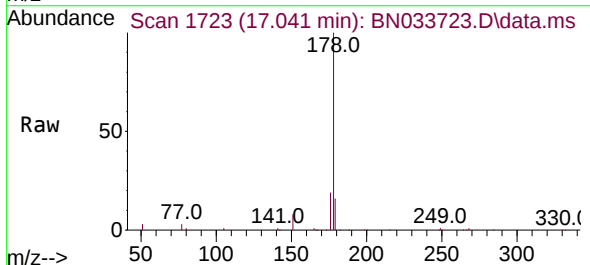
Tgt Ion:178 Resp: 24298
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.2 12.2 18.2

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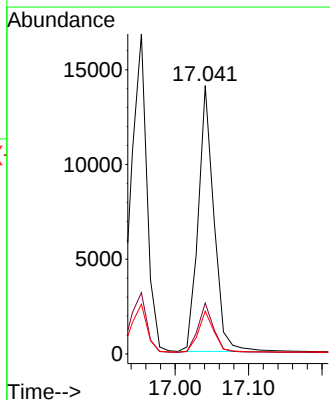
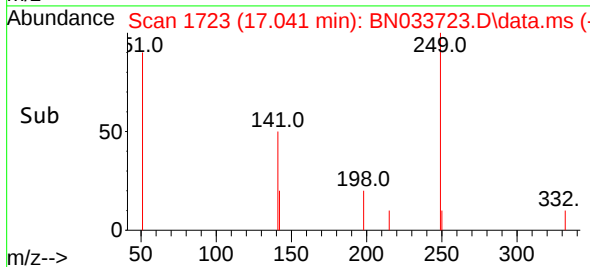
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

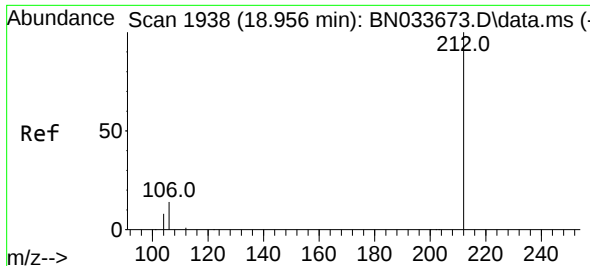


#26
Anthracene
Concen: 0.380 ng
RT: 17.041 min Scan# 1723
Delta R.T. -0.012 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



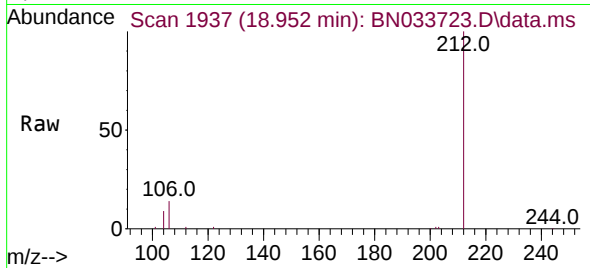
Tgt Ion:178 Resp: 20824
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.5 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.382 ng
RT: 18.952 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

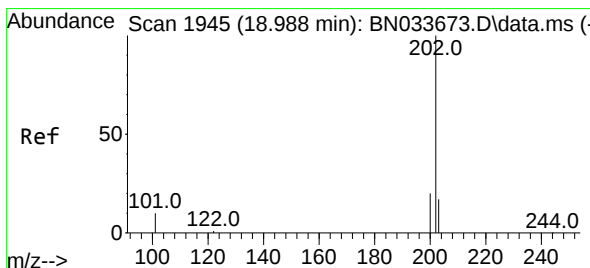
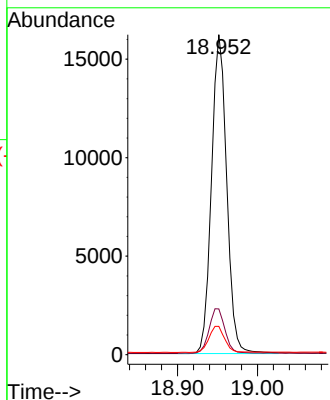
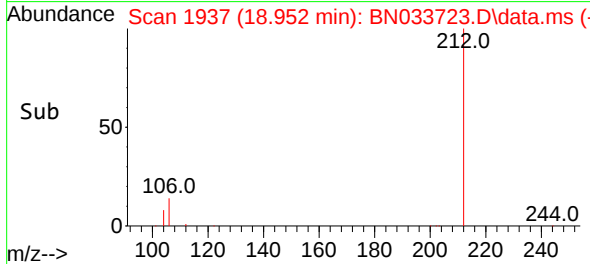
Instrument :
BNA_N
ClientSampleId :
PB163086BSD



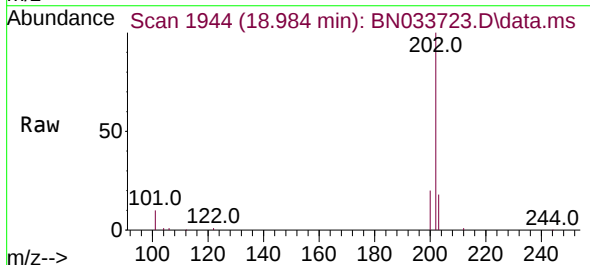
Tgt Ion:212 Resp: 2144
Ion Ratio Lower Upper
212 100
106 14.6 11.8 17.6
104 8.5 6.9 10.3

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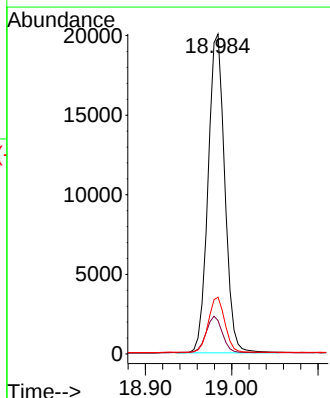
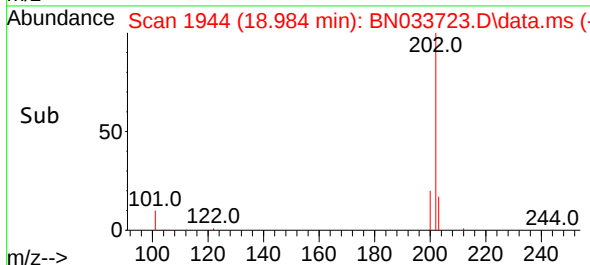
Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

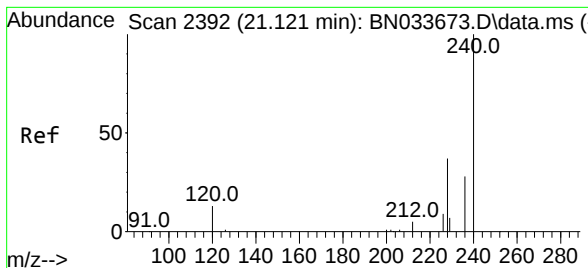


#28
Fluoranthene
Concen: 0.378 ng
RT: 18.984 min Scan# 1944
Delta R.T. -0.004 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



Tgt Ion:202 Resp: 26896
Ion Ratio Lower Upper
202 100
101 11.4 9.2 13.8
203 17.1 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD

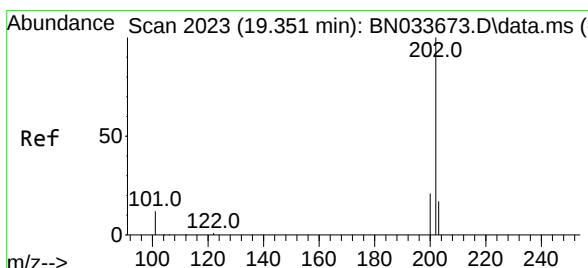
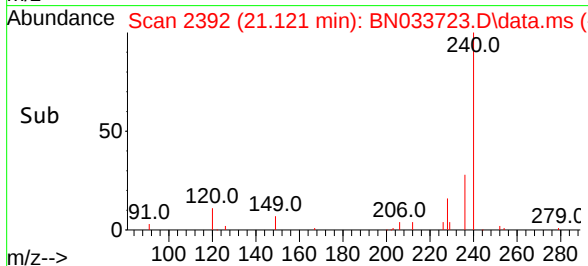
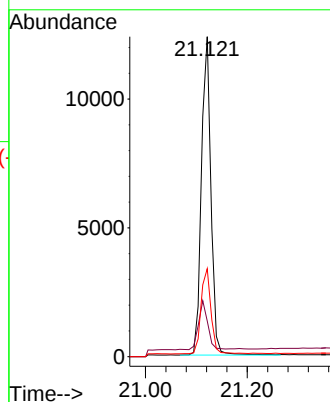
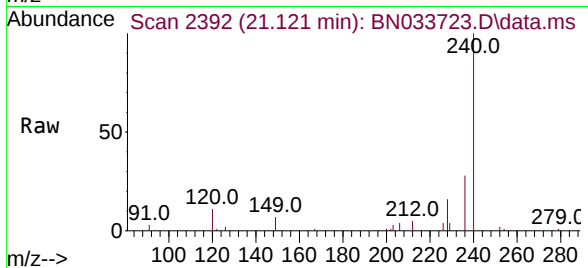
Tgt Ion:240	Resp:	15998
Ion Ratio	Lower	Upper
240	100	
120	11.2	13.3
236	27.5	23.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#30

Pyrene

Concen: 0.422 ng

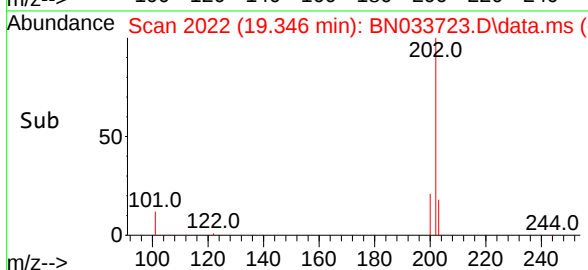
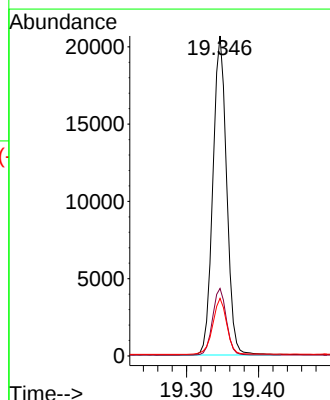
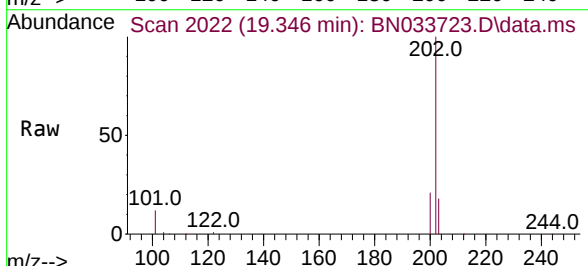
RT: 19.346 min Scan# 2022

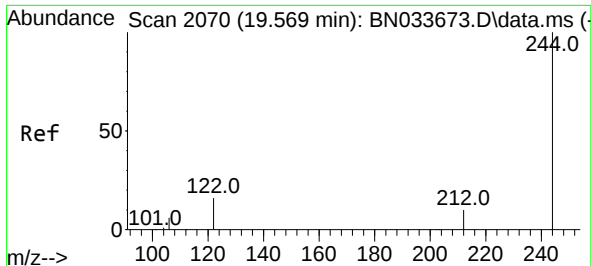
Delta R.T. -0.004 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Tgt Ion:202	Resp:	27335
Ion Ratio	Lower	Upper
202	100	
200	20.9	16.8
203	17.9	14.5





#31
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 19.565 min Scan# 2069
 Delta R.T. -0.004 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

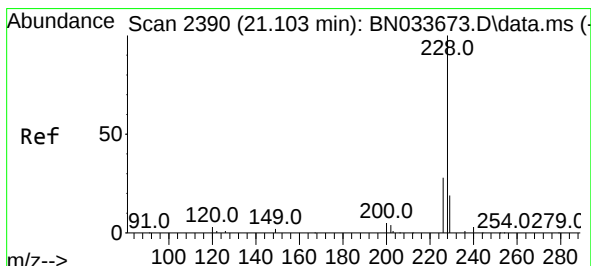
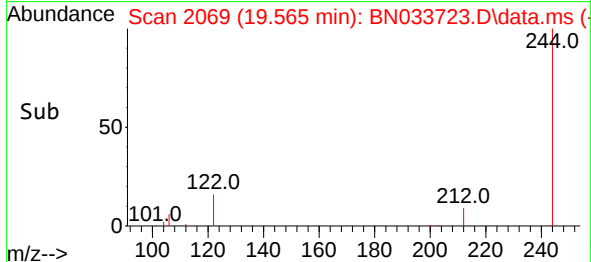
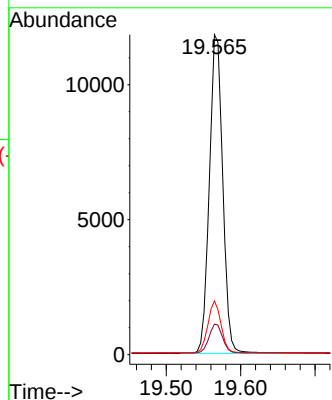
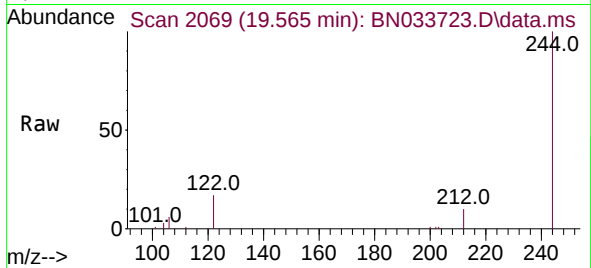
PB163086BSD

Tgt Ion:244 Resp: 14708
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.2 12.4
 122 16.8 13.6 20.4

Manual Integrations

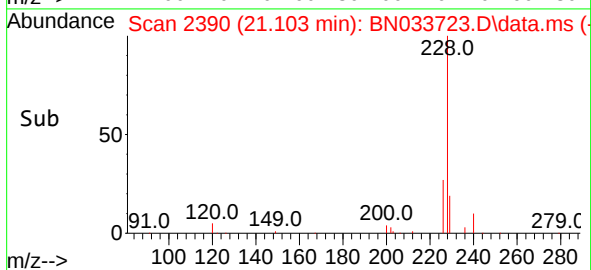
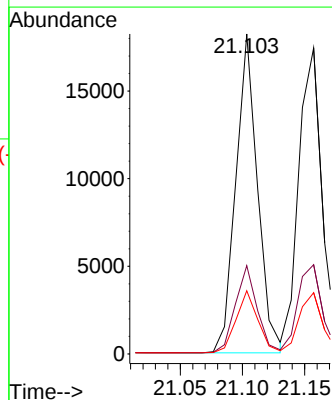
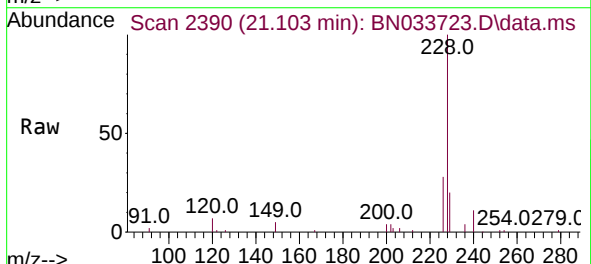
APPROVED

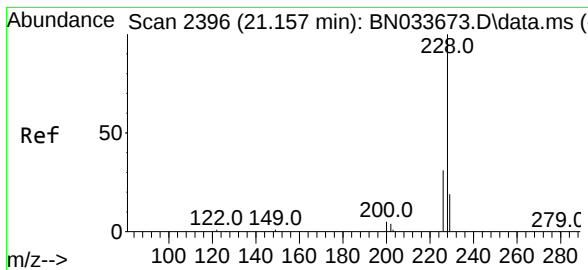
Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/02/2024



#32
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.103 min Scan# 2390
 Delta R.T. 0.000 min
 Lab File: BN033723.D
 Acq: 31 Aug 2024 02:00

Tgt Ion:228 Resp: 22127
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.6 34.0
 229 19.7 15.8 23.6





#33

Chrysene

Concen: 0.387 ng

RT: 21.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD

Tgt Ion:228 Resp: 2238

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

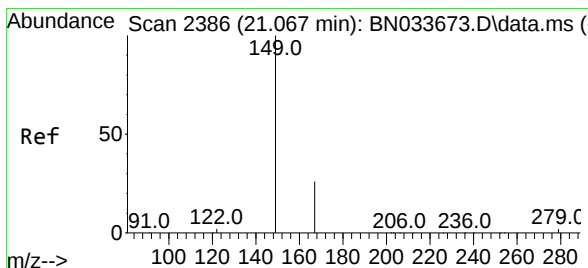
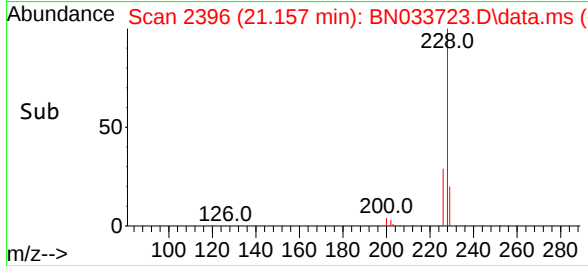
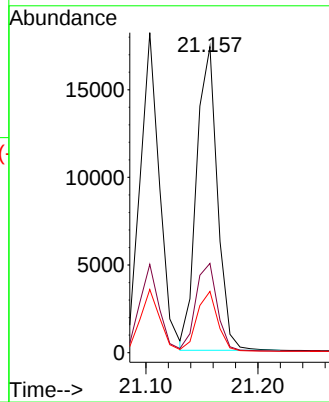
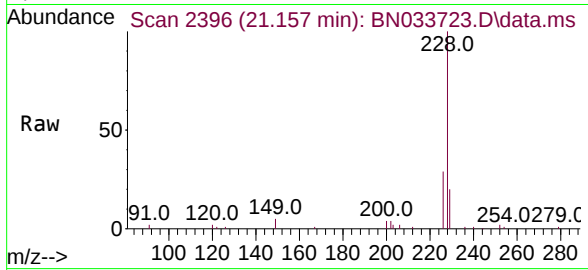
229 20.0 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.424 ng m

RT: 21.059 min Scan# 2385

Delta R.T. -0.009 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

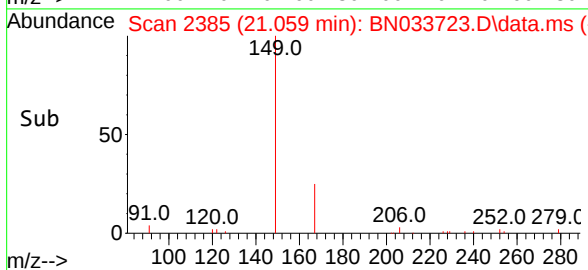
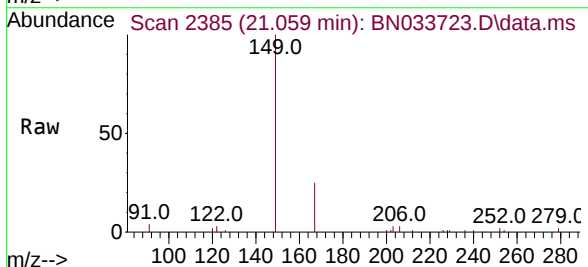
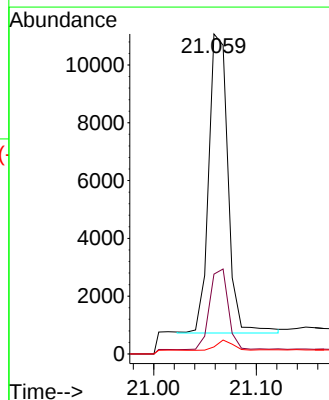
Tgt Ion:149 Resp: 13550

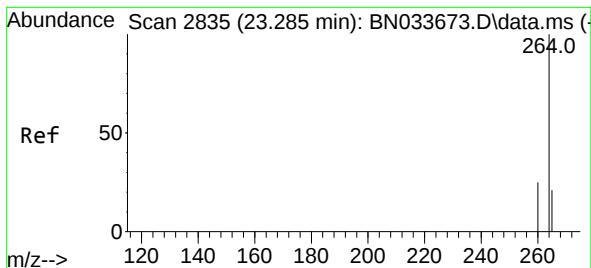
Ion Ratio Lower Upper

149 100

167 33.0 28.3 42.5

279 4.1 4.2 6.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.276 min Scan# 2832

Delta R.T. -0.008 min

Lab File: BN033723.D

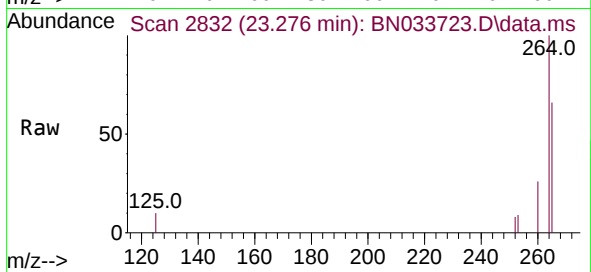
Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD



Tgt Ion:264 Resp: 1498

Ion Ratio Lower Upper

264 100

260 26.3 20.7 31.1

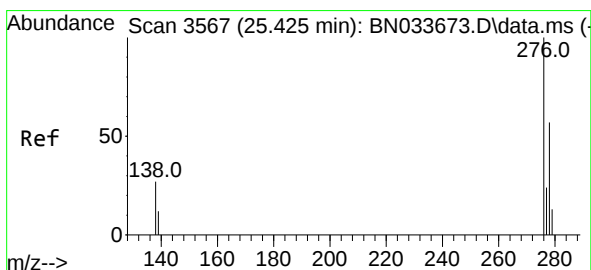
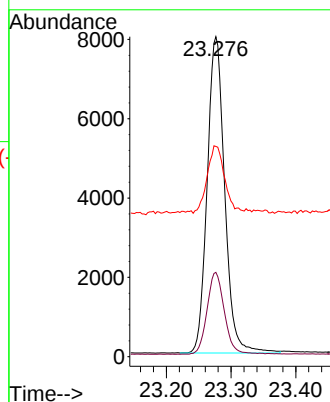
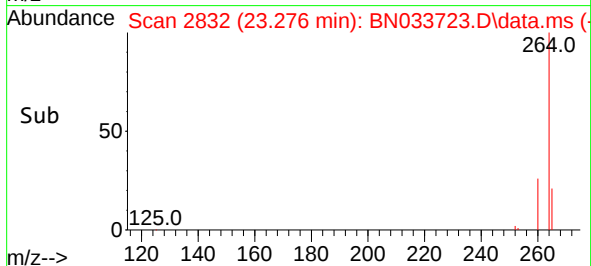
265 65.7 69.9 104.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng

RT: 25.414 min Scan# 3563

Delta R.T. -0.011 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

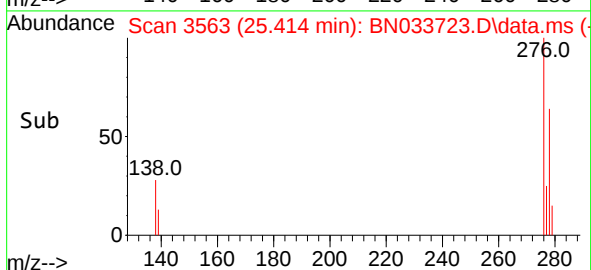
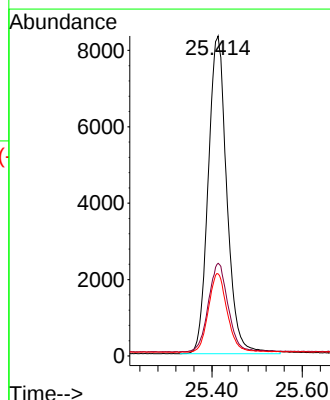
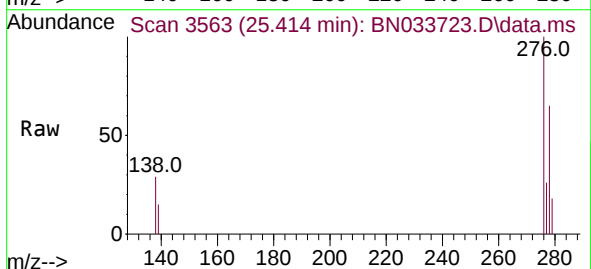
Tgt Ion:276 Resp: 23867

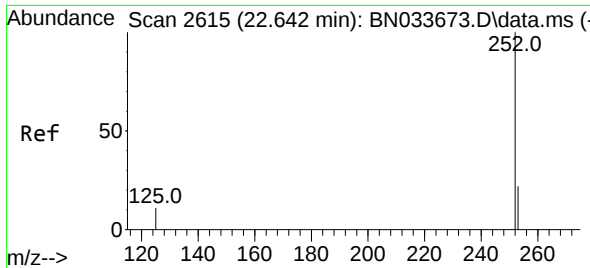
Ion Ratio Lower Upper

276 100

138 29.1 23.3 34.9

277 24.7 19.8 29.6





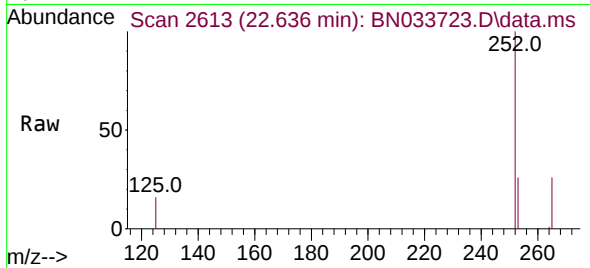
#37
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 22.636 min Scan# 2613
Delta R.T. -0.005 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Instrument :

BN033723.D

ClientSampleId :

PB163086BSD



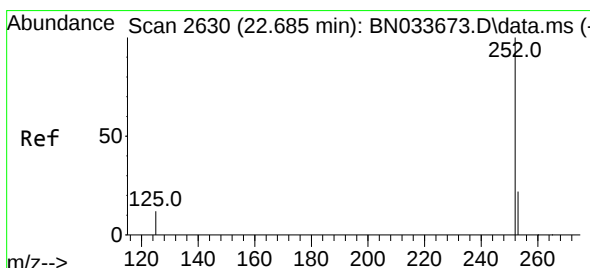
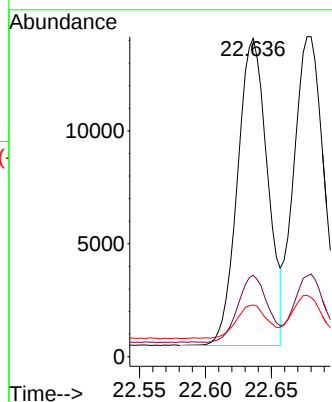
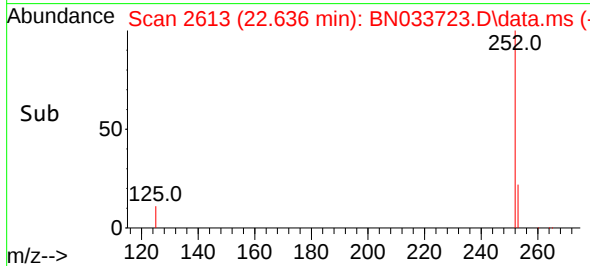
Tgt Ion:252 Resp: 21549
Ion Ratio Lower Upper
252 100
253 25.6 21.6 32.4
125 16.2 15.2 22.8

Manual Integrations

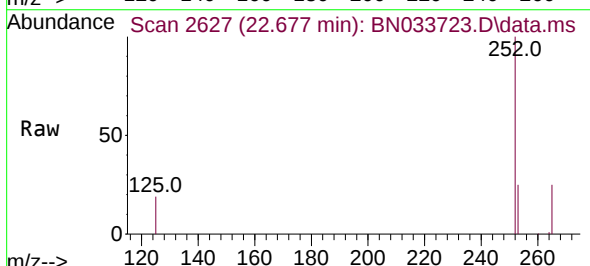
APPROVED

Reviewed By :Yogesh Patel 09/02/2024

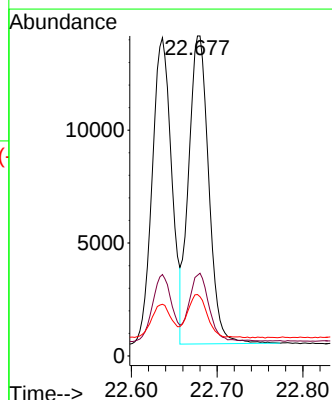
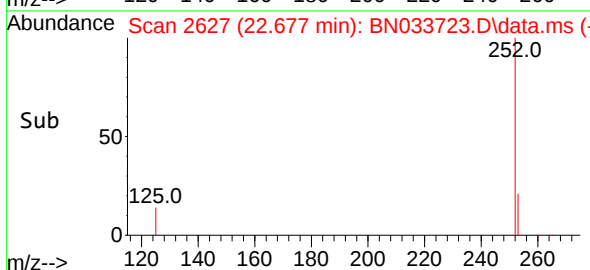
Supervised By :mohammad ahmed 09/02/2024

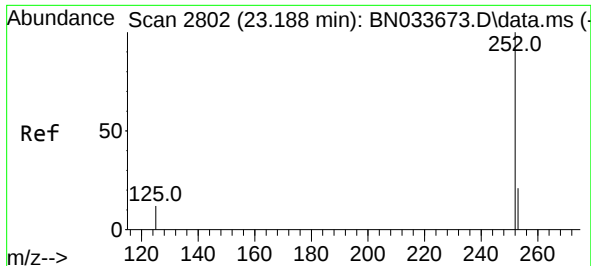


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.677 min Scan# 2627
Delta R.T. -0.008 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00



Tgt Ion:252 Resp: 22165
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.2
125 19.2 15.8 23.6





#39

Benzo(a)pyrene

Concen: 0.380 ng

RT: 23.180 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Instrument :

BNA_N

ClientSampleId :

PB163086BSD

Tgt Ion:252 Resp: 17478

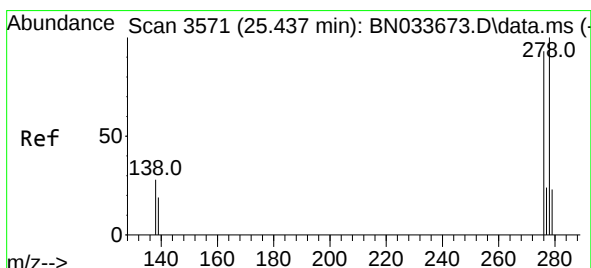
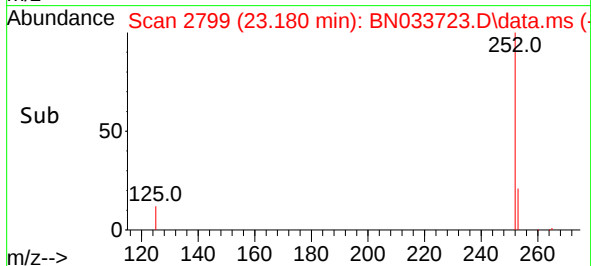
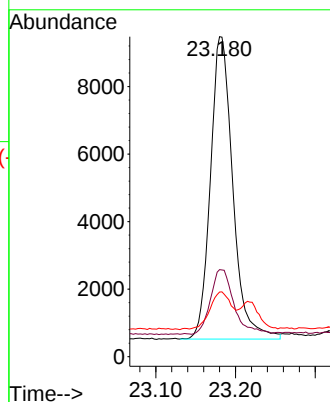
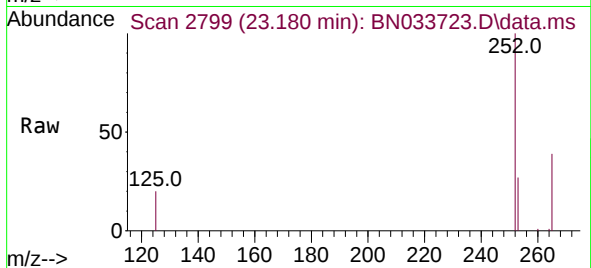
Ion	Ratio	Lower	Upper
252	100		
253	27.2	23.6	35.4
125	20.2	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024



#40

Dibenzo(a,h)anthracene

Concen: 0.367 ng

RT: 25.425 min Scan# 3567

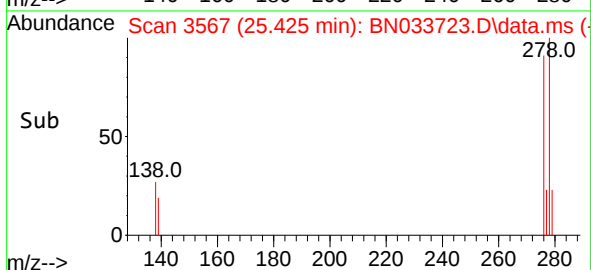
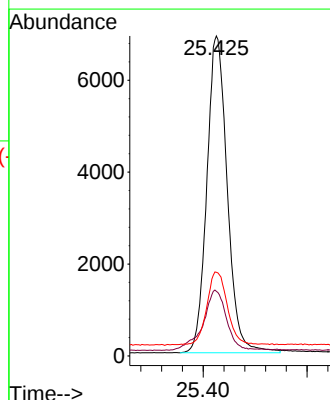
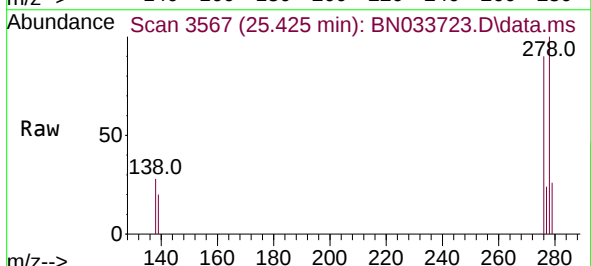
Delta R.T. -0.011 min

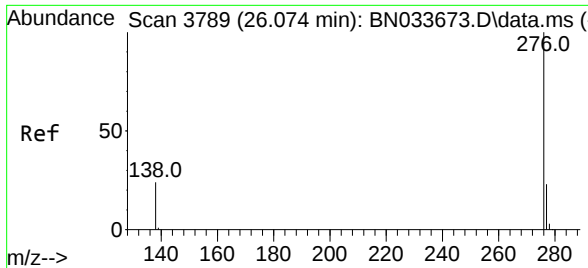
Lab File: BN033723.D

Acq: 31 Aug 2024 02:00

Tgt Ion:278 Resp: 18786

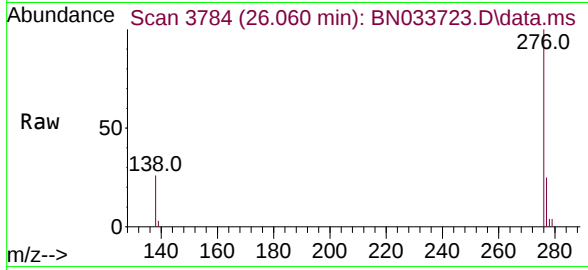
Ion	Ratio	Lower	Upper
278	100		
139	20.2	17.2	25.8
279	26.2	22.2	33.4





#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.060 min Scan# 31
Delta R.T. -0.014 min
Lab File: BN033723.D
Acq: 31 Aug 2024 02:00

Instrument :
BNA_N
ClientSampleId :
PB163086BSD



Tgt Ion:276 Resp: 1996
Ion Ratio Lower Upper
276 100
277 24.8 20.2 30.2
138 26.0 21.1 31.7

Manual Integrations
APPROVED

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

