

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
 Data File : BN025312.D
 Acq On : 06 May 2023 12:58
 Operator : CG/JU
 Sample : 02588-08MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 ZONE-A-3-6-05022023MSD

Quant Time: May 08 04:20:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 08 04:14:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	5704	0.400	ng	0.00
7) Naphthalene-d8	10.718	136	19156	0.400	ng	0.00
13) Acenaphthene-d10	14.544	164	12014	0.400	ng	-0.01
19) Phenanthrene-d10	17.298	188	28943	0.400	ng	0.00
29) Chrysene-d12	21.500	240	29075	0.400	ng	0.00
35) Perylene-d12	23.933	264	29173	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	4074	0.293	ng	0.00
5) Phenol-d6	7.081	99	5525	0.317	ng	0.00
8) Nitrobenzene-d5	9.074	82	4040	0.256	ng	-0.01
11) 2-Methylnaphthalene-d10	12.306	152	10884m	0.416	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	1623	0.264	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	11213	0.272	ng	0.00
27) Fluoranthene-d10	19.334	212	18805	0.263	ng	0.00
31) Terphenyl-d14	19.924	244	13944	0.238	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	1764	0.294	ng	# 61
3) n-Nitrosodimethylamine	3.650	42	3311	0.362	ng	95
6) bis(2-Chloroethyl)ether	7.333	93	6447	0.420	ng	99
9) Naphthalene	10.761	128	35283	0.718	ng	99
10) Hexachlorobutadiene	11.049	225	3533	0.380	ng	# 99
12) 2-Methylnaphthalene	12.377	142	19581	0.564	ng	98
16) Acenaphthylene	14.266	152	42063	0.782	ng	99
17) Acenaphthene	14.609	154	18223	0.545	ng	99
18) Fluorene	15.603	166	25564	0.558	ng	98
20) 4,6-Dinitro-2-methylph...	15.710	198	1015	0.441	ng	# 55
21) 4-Bromophenyl-phenylether	16.492	248	6042	0.374	ng	# 80
22) Hexachlorobenzene	16.603	284	6980	0.401	ng	100
23) Atrazine	16.752	200	5524	0.391	ng	98
24) Pentachlorophenol	16.963	266	2527	0.641	ng	93
25) Phenanthrene	17.336	178	178023	2.223	ng	100
26) Anthracene	17.435	178	61706	0.823	ng	100
28) Fluoranthene	19.363	202	422877	4.226	ng	99
30) Pyrene	19.726	202	392439	3.948	ng	97
32) Benzo(a)anthracene	21.482	228	238804	2.430	ng	99
33) Chrysene	21.536	228	251040	2.566	ng	98
34) Bis(2-ethylhexyl)phtha...	21.392	149	48846	0.633	ng	100
36) Indeno(1,2,3-cd)pyrene	26.468	276	146107	1.249	ng	96
37) Benzo(b)fluoranthene	23.191	252	303900	3.286	ng	94
38) Benzo(k)fluoranthene	23.232	252	149402m	1.543	ng	
39) Benzo(a)pyrene	23.717	252	133006	1.404	ng	96
40) Dibenzo(a,h)anthracene	26.483	278	55553	0.602	ng	98
41) Benzo(g,h,i)perylene	27.249	276	135662	1.338	ng	98

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

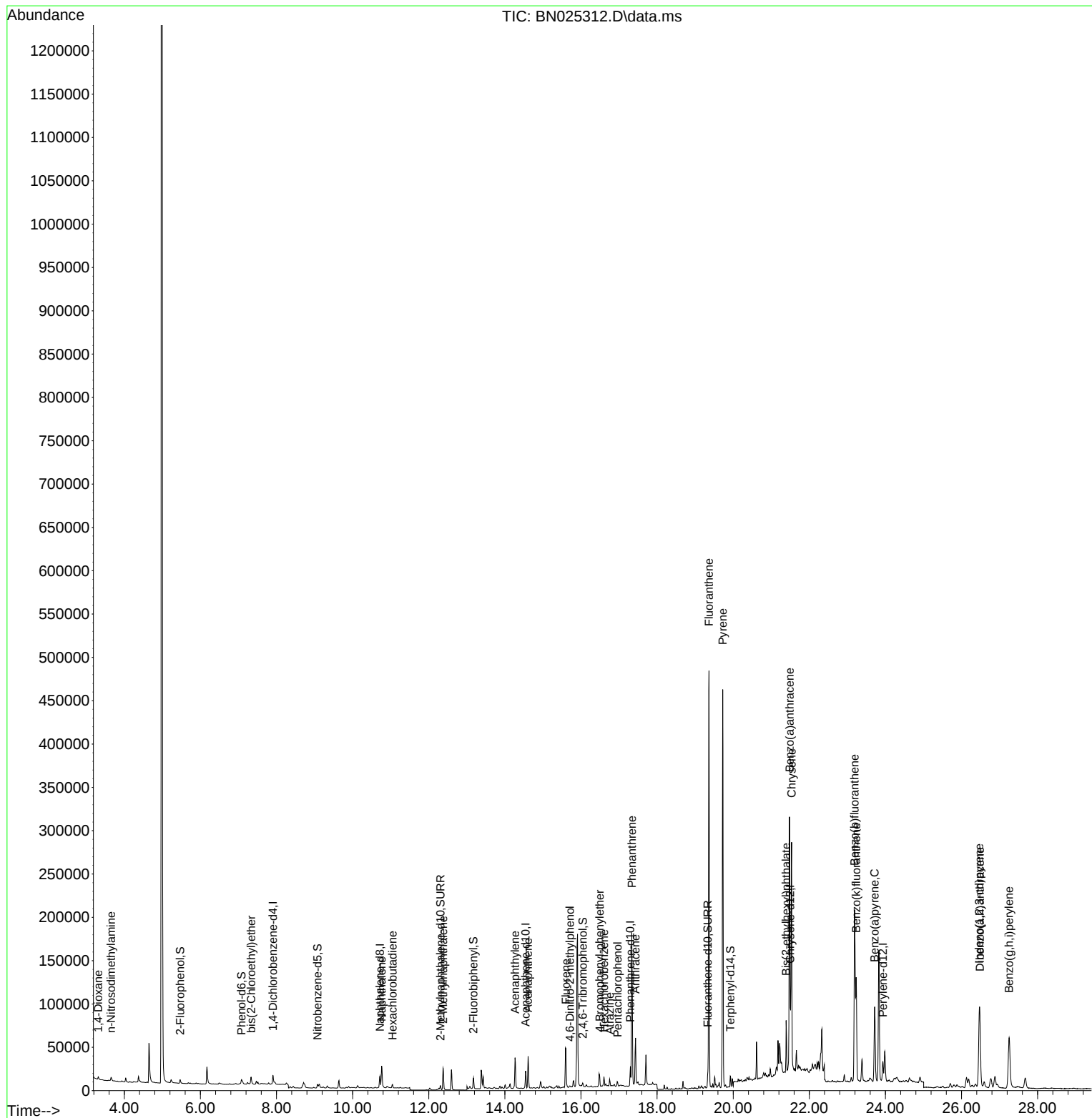
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025312.D
Acq On : 06 May 2023 12:58
Operator : CG/JU
Sample : 02588-08MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Quant Time: May 08 04:20:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 04:14:26 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

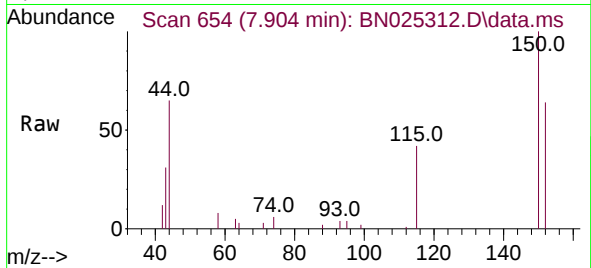
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

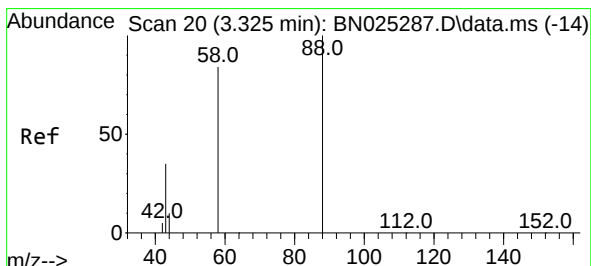
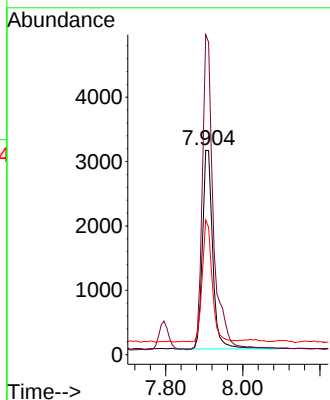
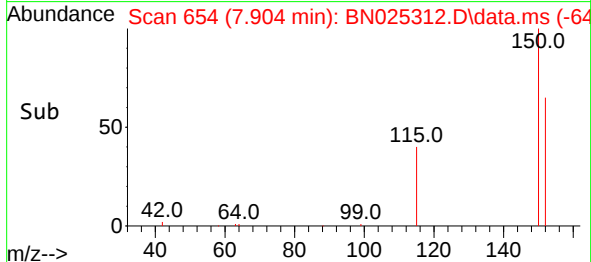
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 152 Resp: 5704
Ion Ratio Lower Upper
152 100
150 156.5 123.8 185.8
115 65.8 52.9 79.3

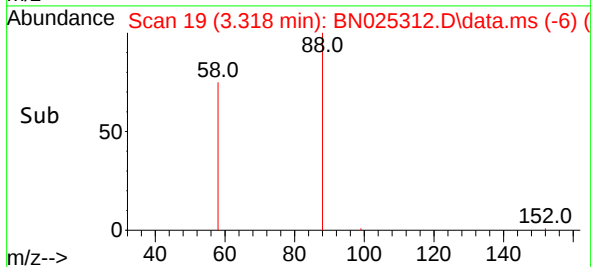
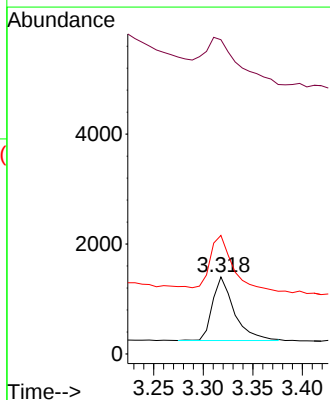
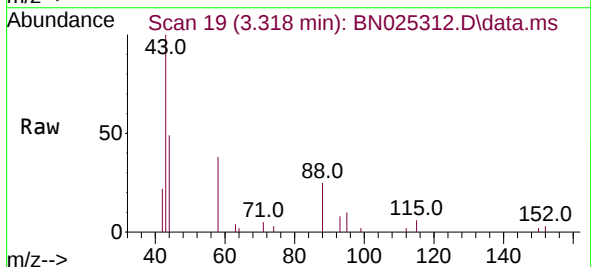
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#2
1,4-Dioxane
Concen: 0.294 ng
RT: 3.318 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

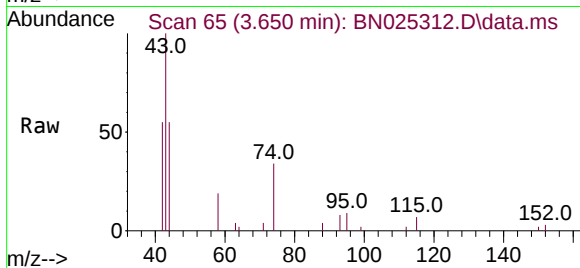
Tgt Ion: 88 Resp: 1764
Ion Ratio Lower Upper
88 100
43 117.0 37.2 55.8#
58 92.6 71.5 107.3





#3
n-Nitrosodimethylamine
Concen: 0.362 ng
RT: 3.650 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

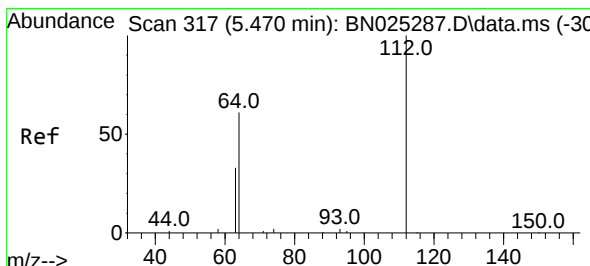
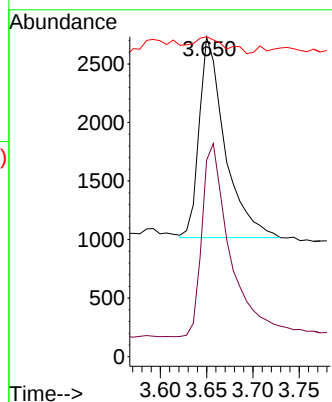
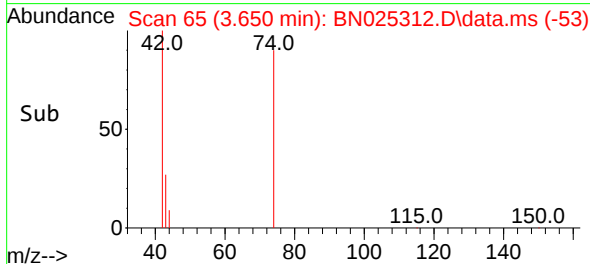
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 42 Resp: 331
Ion Ratio Lower Upper
42 100
74 105.3 79.9 119.9
44 9.6 7.0 10.6

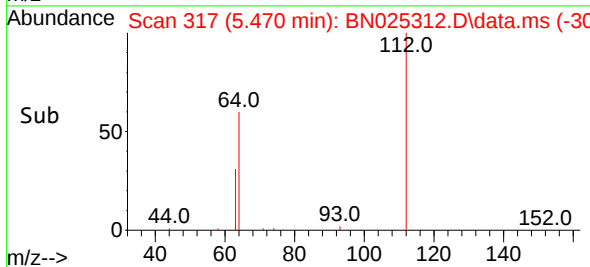
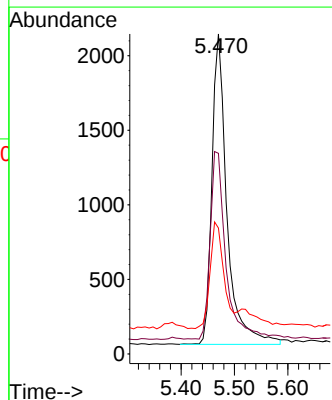
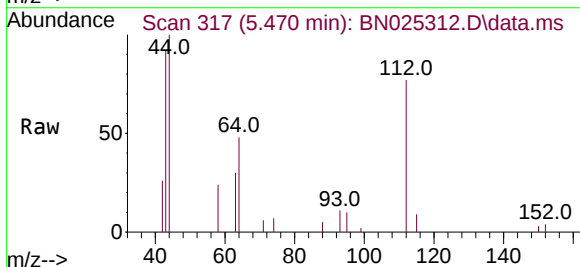
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#4
2-Fluorophenol
Concen: 0.293 ng
RT: 5.470 min Scan# 317
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

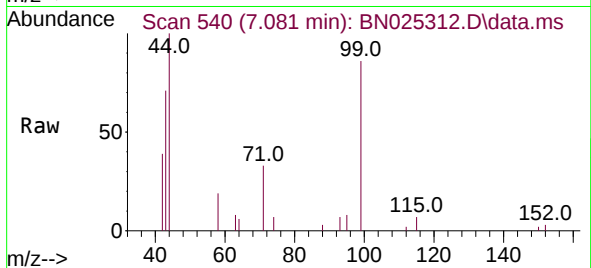
Tgt Ion:112 Resp: 4074
Ion Ratio Lower Upper
112 100
64 63.5 51.5 77.3
63 31.4 27.8 41.6





#5
Phenol-d6
Concen: 0.317 ng
RT: 7.081 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

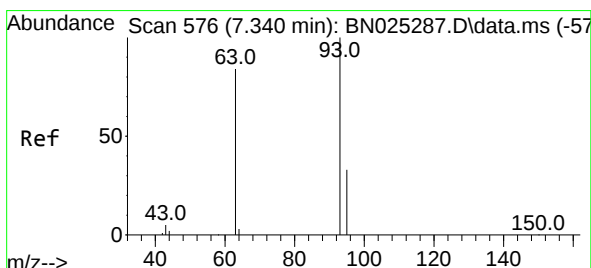
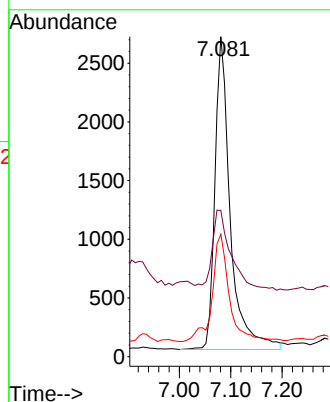
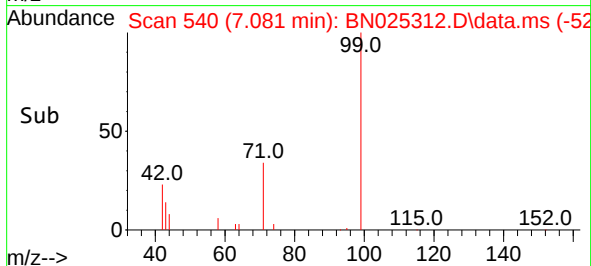
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 99 Resp: 5529
Ion Ratio Lower Upper
99 100
42 31.1 22.0 33.0
71 38.3 28.7 43.1

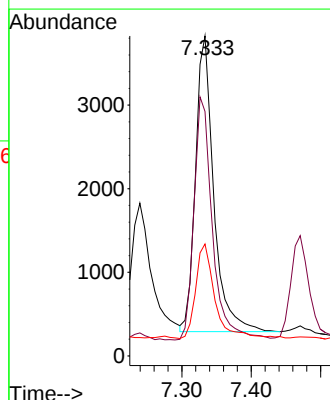
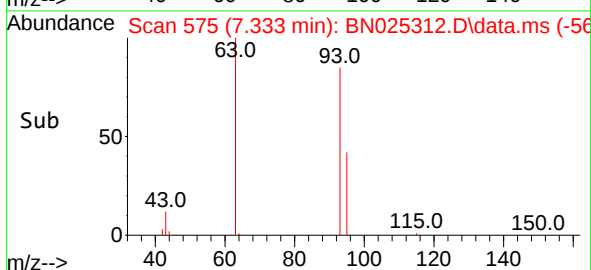
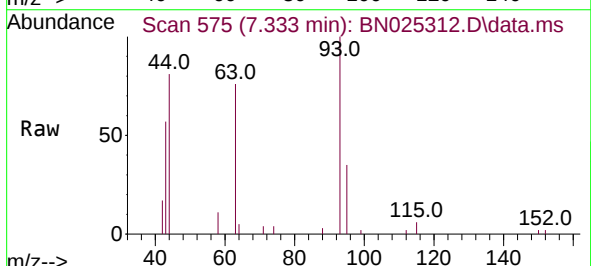
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.333 min Scan# 575
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Tgt Ion: 93 Resp: 6447
Ion Ratio Lower Upper
93 100
63 83.4 67.8 101.6
95 33.9 26.7 40.1





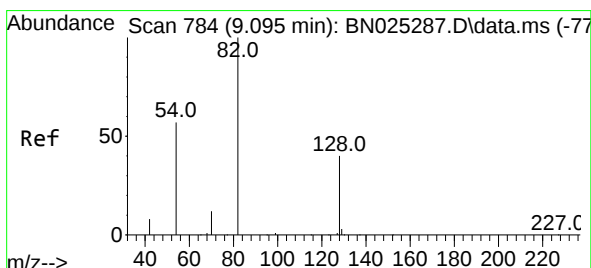
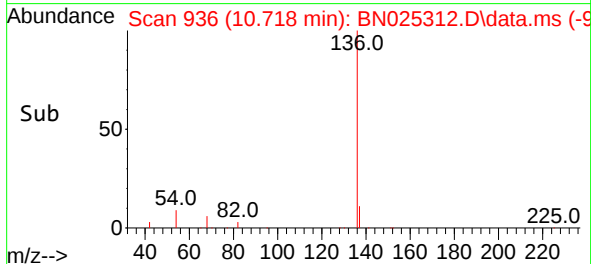
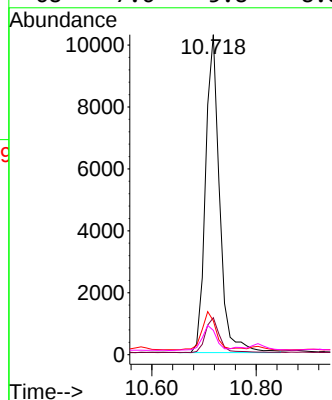
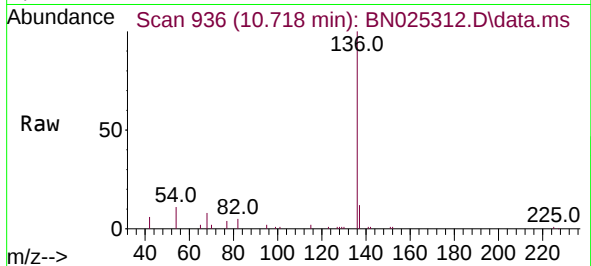
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Tgt Ion:136	Resp:	1915
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.4 14.2
54	10.6	8.5 12.7
68	7.6	5.8 8.8

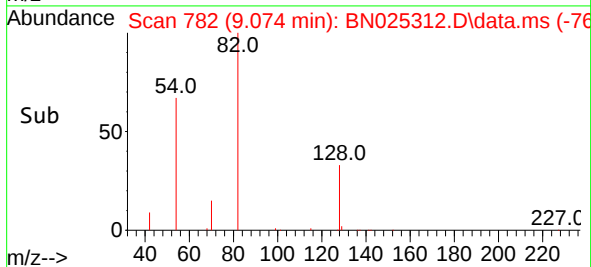
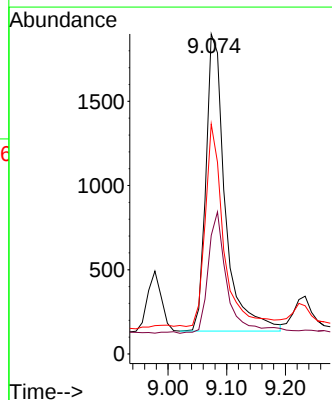
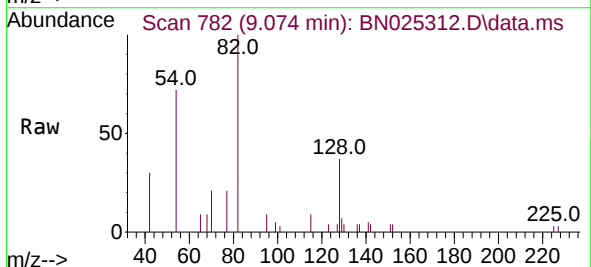
Manual Integrations
APPROVED

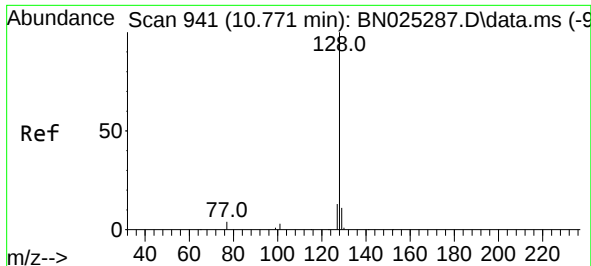
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#8
Nitrobenzene-d5
Concen: 0.256 ng
RT: 9.074 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Tgt Ion: 82	Resp:	4040
Ion Ratio	Lower	Upper
82	100	
128	37.1	35.3 52.9
54	71.8	48.7 73.1





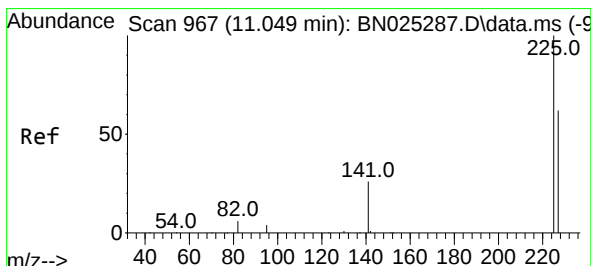
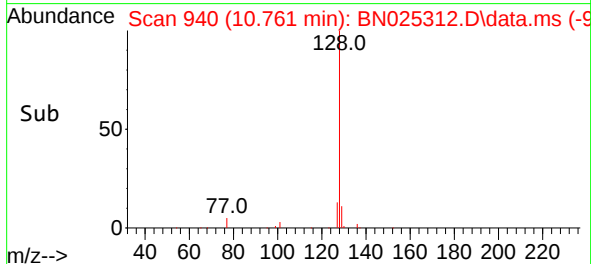
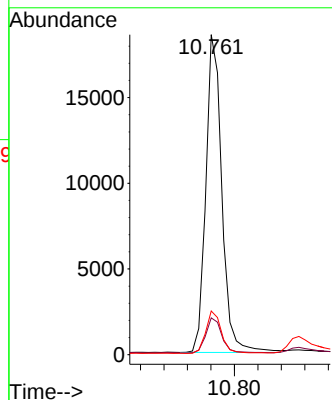
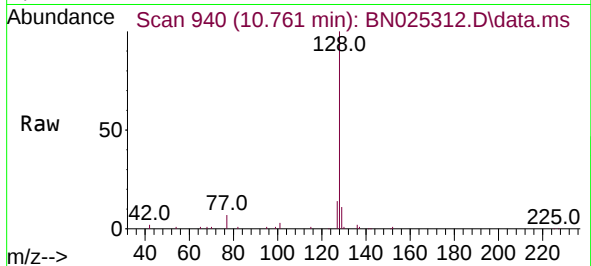
#9
Naphthalene
Concen: 0.718 ng
RT: 10.761 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Tgt Ion:128 Resp: 3528
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.7 11.0 16.6

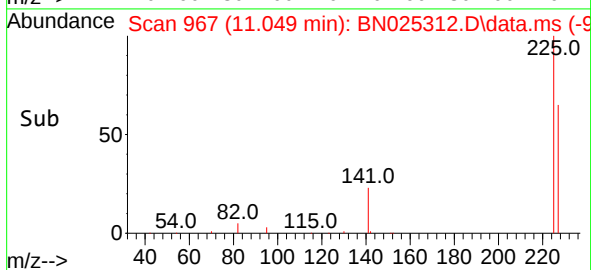
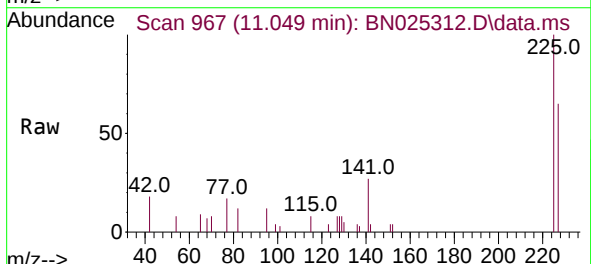
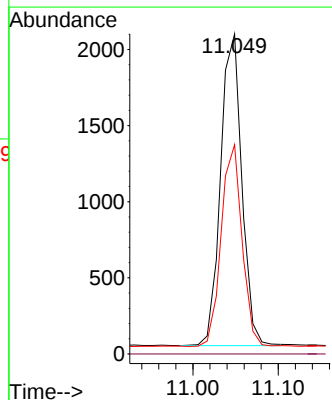
Manual Integrations
APPROVED

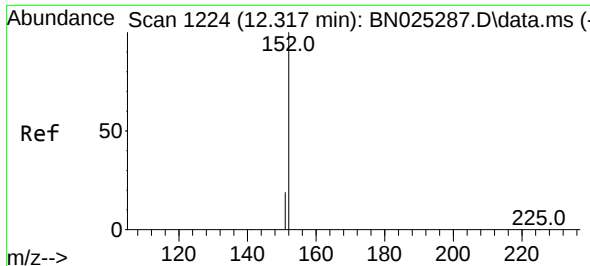
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#10
Hexachlorobutadiene
Concen: 0.380 ng
RT: 11.049 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

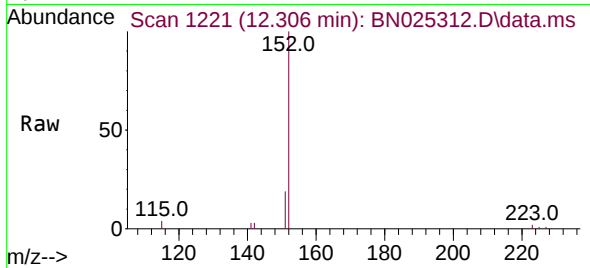
Tgt Ion:225 Resp: 3533
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 49.8 74.8





#11
2-Methylnaphthalene-d10
Concen: 0.416 ng m
RT: 12.306 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

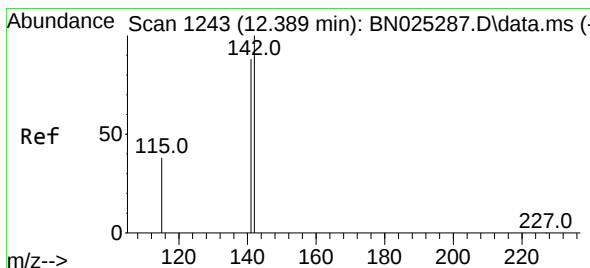
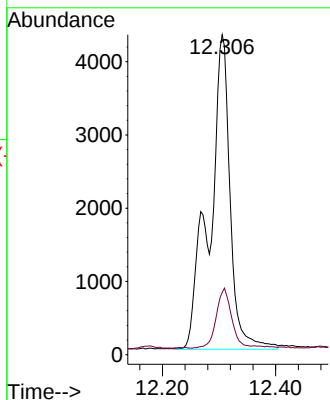
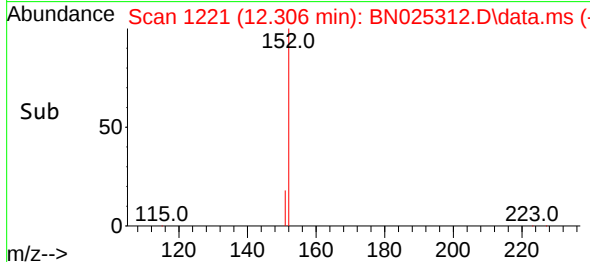
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



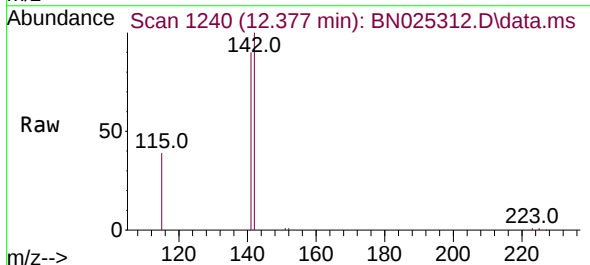
Tgt Ion:152 Resp: 10884
Ion Ratio Lower Upper
152 100
151 14.2 16.4 24.6

Manual Integrations
APPROVED

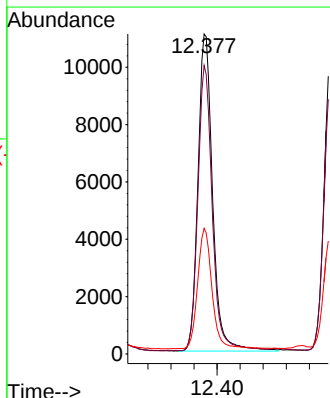
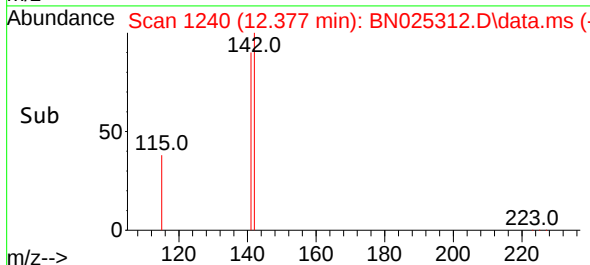
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

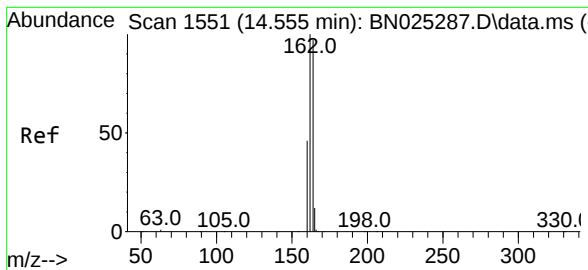


#12
2-Methylnaphthalene
Concen: 0.564 ng
RT: 12.377 min Scan# 1240
Delta R.T. -0.007 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58



Tgt Ion:142 Resp: 19581
Ion Ratio Lower Upper
142 100
141 90.2 70.5 105.7
115 39.2 31.6 47.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 11

Delta R.T. -0.011 min

Lab File: BN025312.D

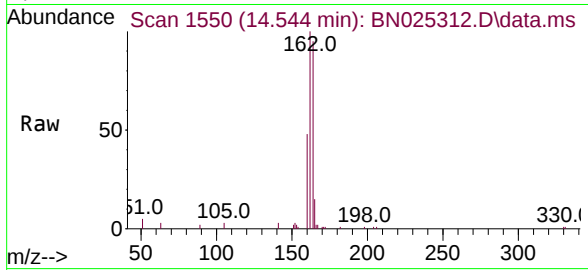
Acq: 06 May 2023 12:58

Instrument :

BNA_N

ClientSampleId :

ZONE-A-3-6-05022023MSD



Tgt Ion:164 Resp: 12014

Ion Ratio Lower Upper

164 100

162 105.6 82.1 123.1

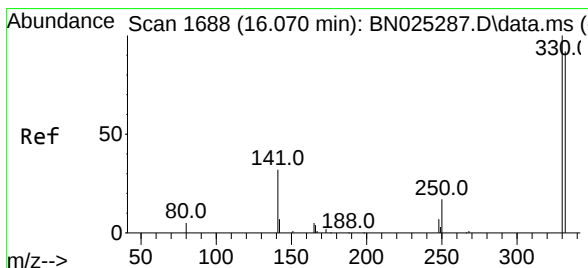
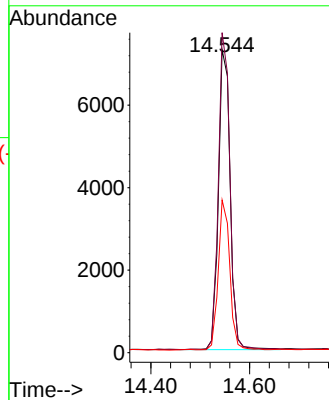
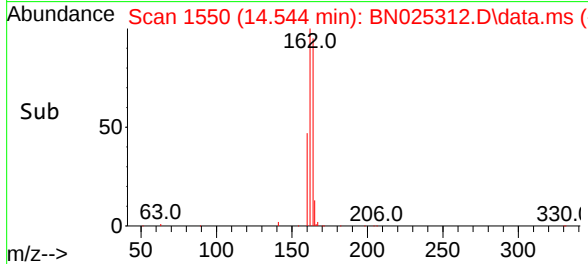
160 50.4 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#14

2,4,6-Tribromophenol

Concen: 0.264 ng

RT: 16.045 min Scan# 1686

Delta R.T. -0.012 min

Lab File: BN025312.D

Acq: 06 May 2023 12:58

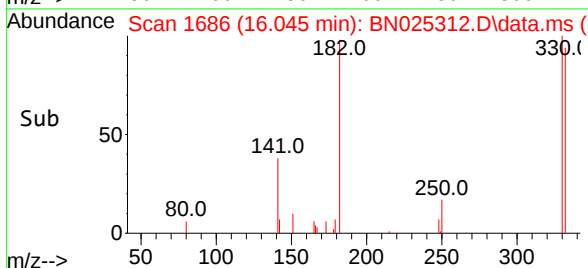
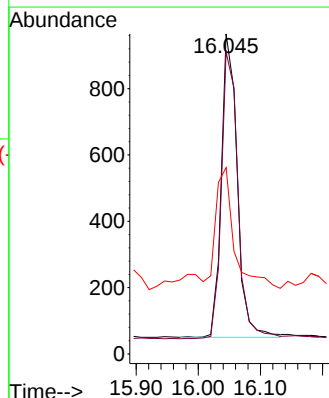
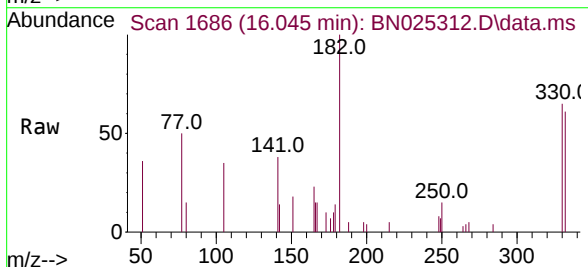
Tgt Ion:330 Resp: 1623

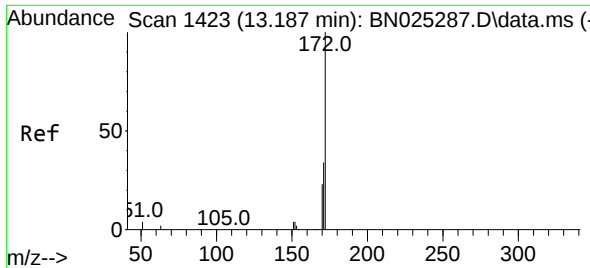
Ion Ratio Lower Upper

330 100

332 98.4 77.4 116.0

141 45.7 28.9 43.3#





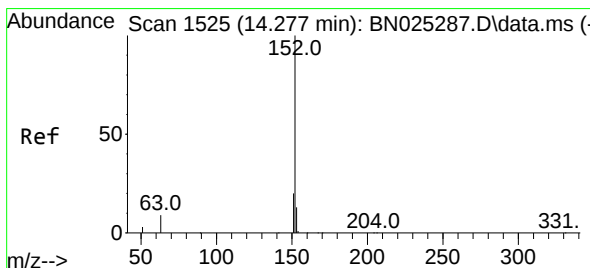
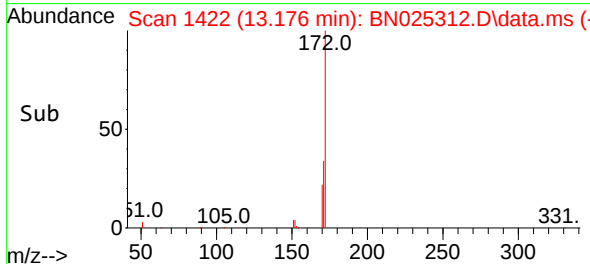
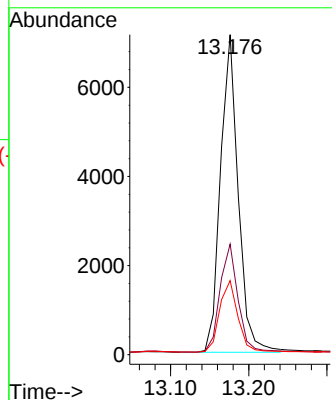
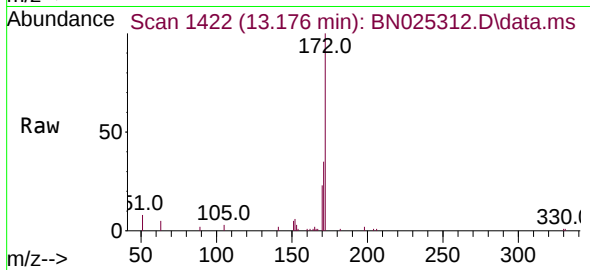
#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.176 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Tgt Ion:	172	Resp:	1121
Ion Ratio	Lower	Upper	
172	100		
171	34.6	27.9	41.9
170	23.2	19.0	28.4

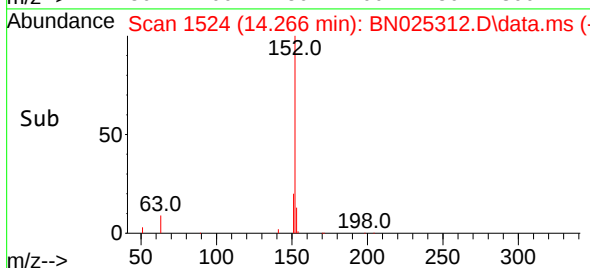
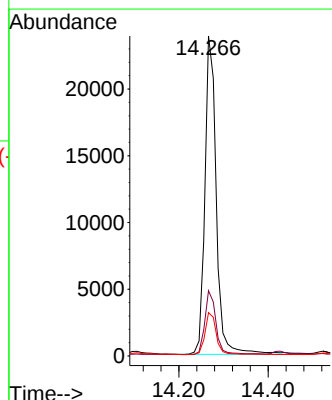
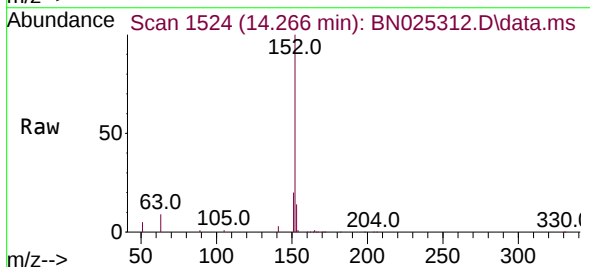
Manual Integrations
APPROVED

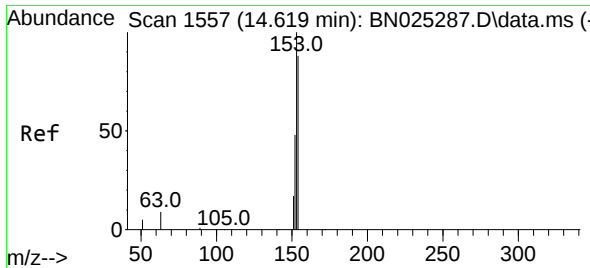
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#16
Acenaphthylene
Concen: 0.782 ng
RT: 14.266 min Scan# 1524
Delta R.T. -0.011 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

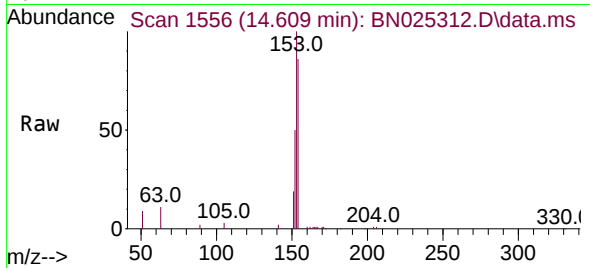
Tgt Ion:	152	Resp:	42063
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.1	24.1
153	13.1	10.3	15.5





#17
Acenaphthene
Concen: 0.545 ng
RT: 14.609 min Scan# 1556
Delta R.T. -0.011 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

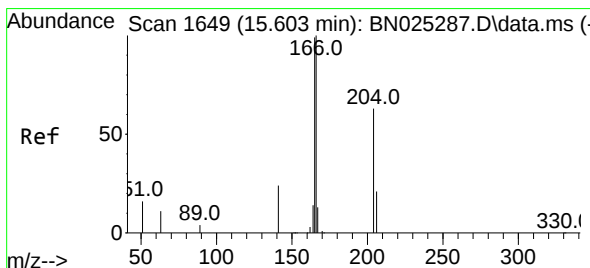
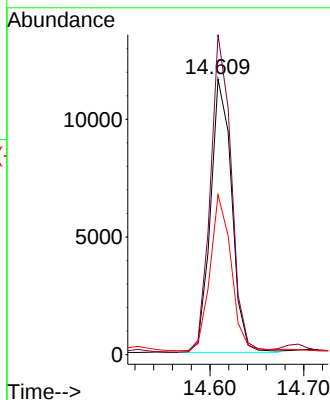
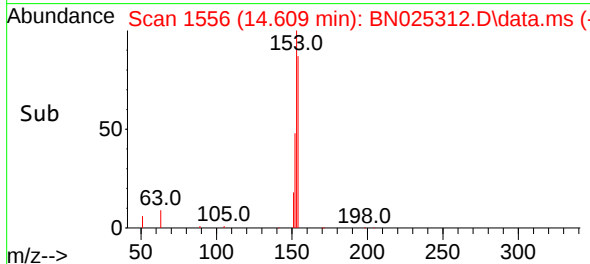
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:154 Resp: 1822
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 56.9 44.7 67.1

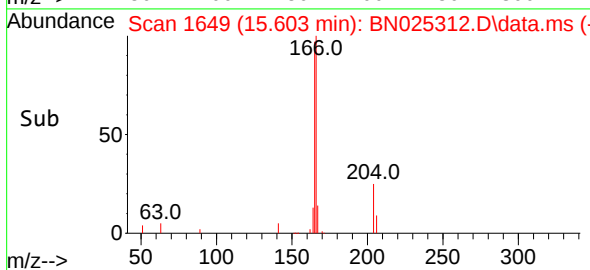
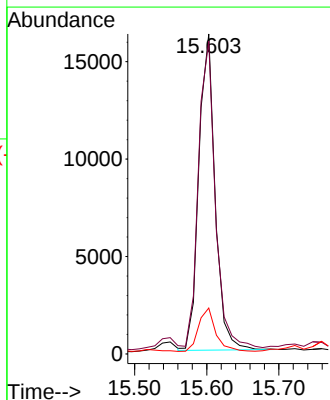
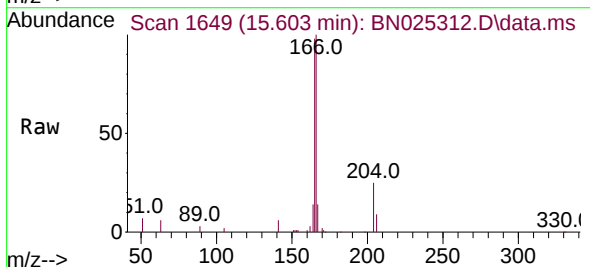
Manual Integrations
APPROVED

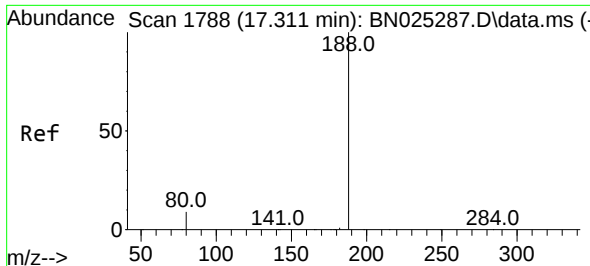
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#18
Fluorene
Concen: 0.558 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Tgt Ion:166 Resp: 25564
Ion Ratio Lower Upper
166 100
165 100.4 79.0 118.4
167 14.5 10.3 15.5





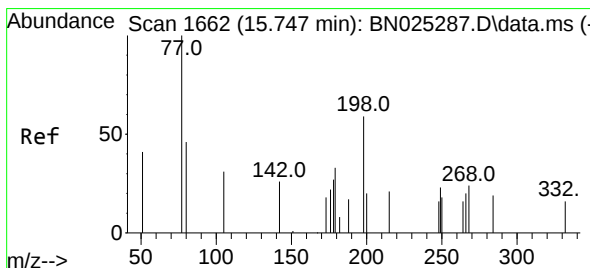
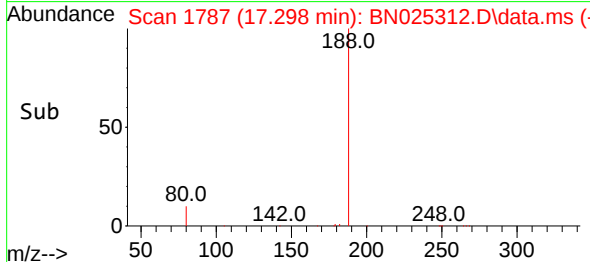
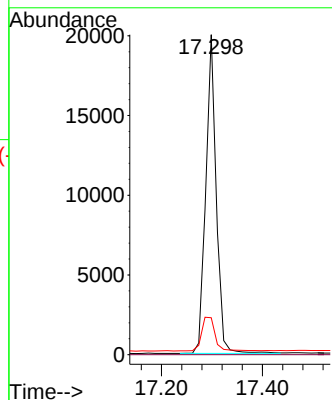
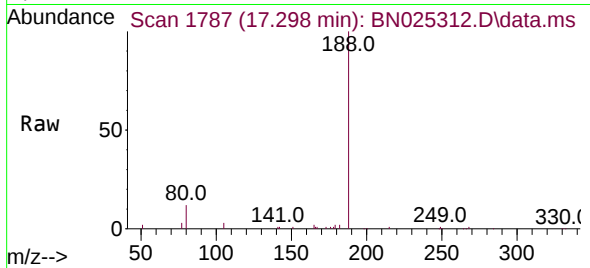
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Tgt Ion:188 Resp: 2894
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 8.0 12.0

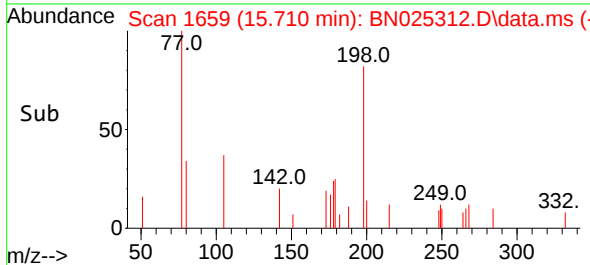
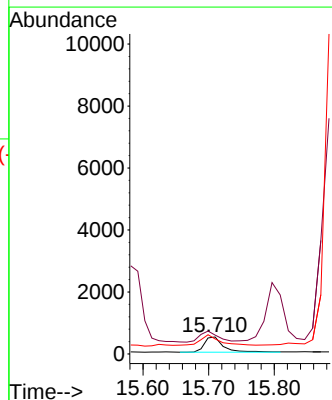
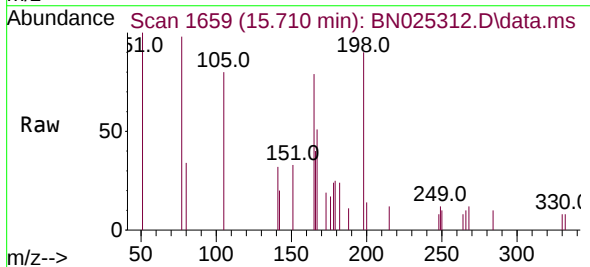
Manual Integrations
APPROVED

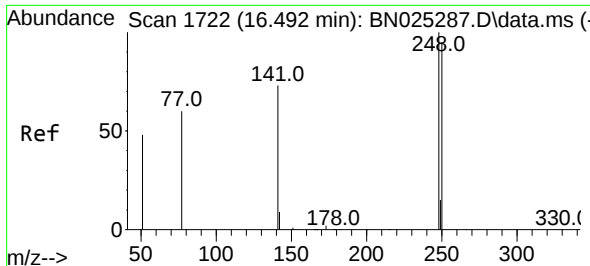
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.441 ng
RT: 15.710 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Tgt Ion:198 Resp: 1015
Ion Ratio Lower Upper
198 100
51 110.6 162.1 243.1#
105 88.2 83.1 124.7





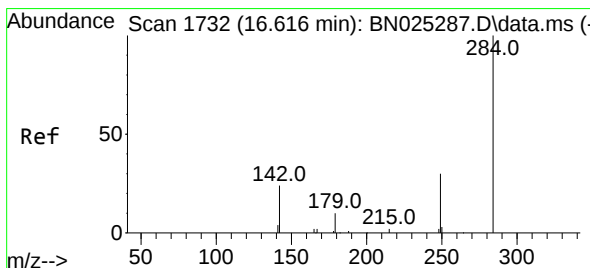
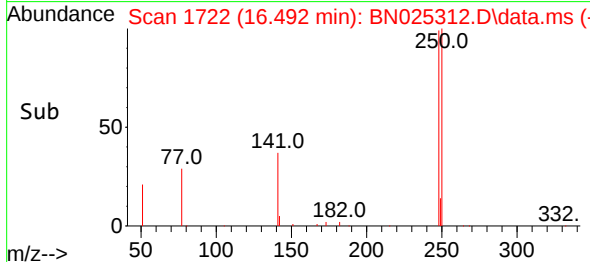
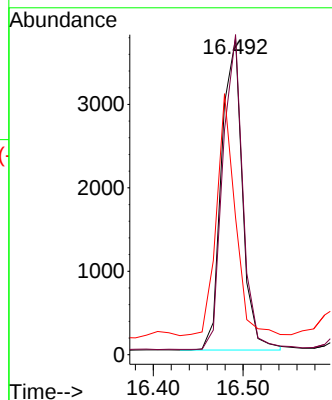
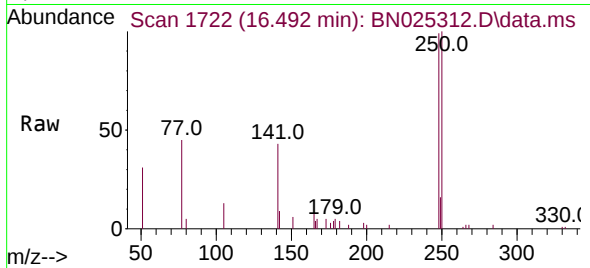
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.492 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Tgt Ion:248 Resp: 604
Ion Ratio Lower Upper
248 100
250 101.2 76.0 114.0
141 43.4 59.9 89.9

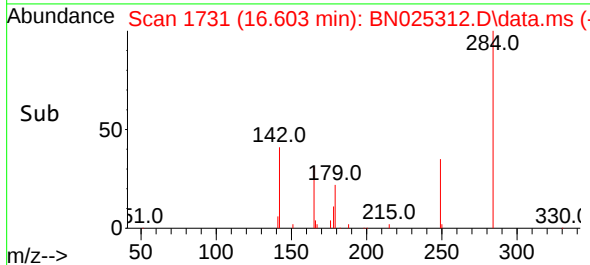
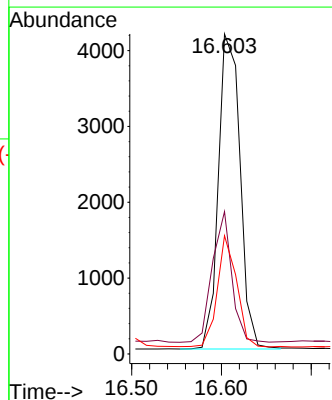
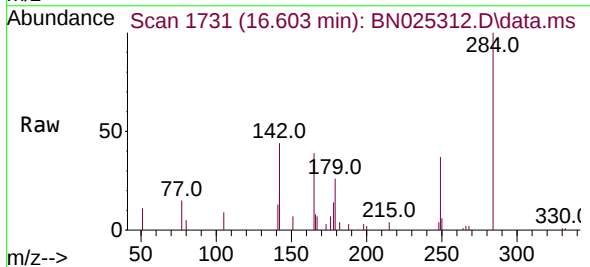
Manual Integrations
APPROVED

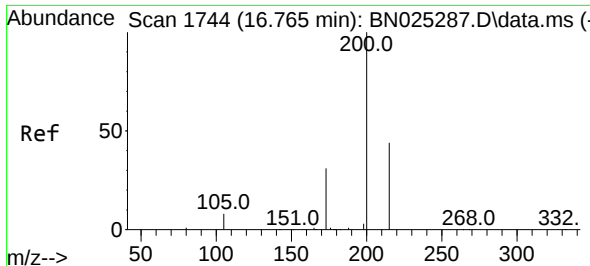
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#22
Hexachlorobenzene
Concen: 0.401 ng
RT: 16.603 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

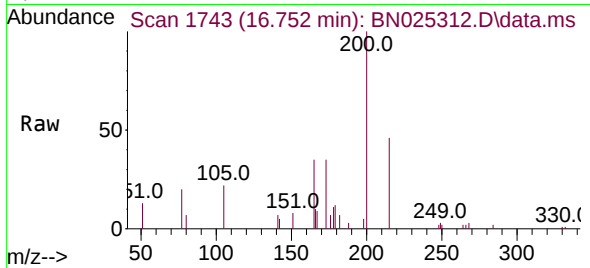
Tgt Ion:284 Resp: 6980
Ion Ratio Lower Upper
284 100
142 37.1 30.0 45.0
249 31.4 25.0 37.6





#23
Atrazine
Concen: 0.391 ng
RT: 16.752 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

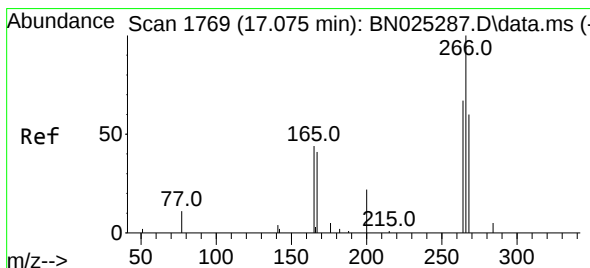
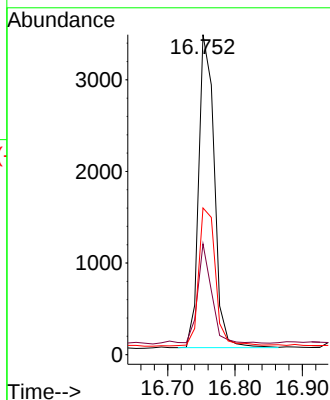
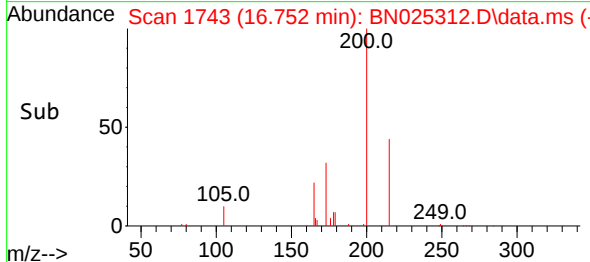
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:200 Resp: 5524
Ion Ratio Lower Upper
200 100
173 34.7 26.3 39.5
215 45.9 37.2 55.8

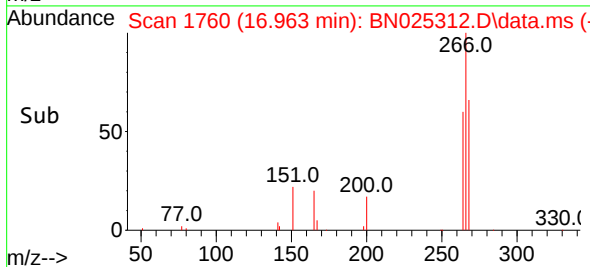
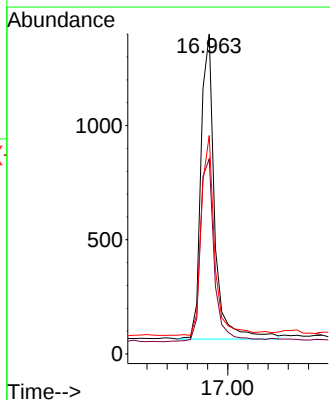
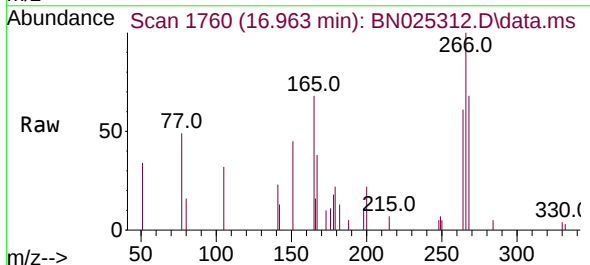
Manual Integrations
APPROVED

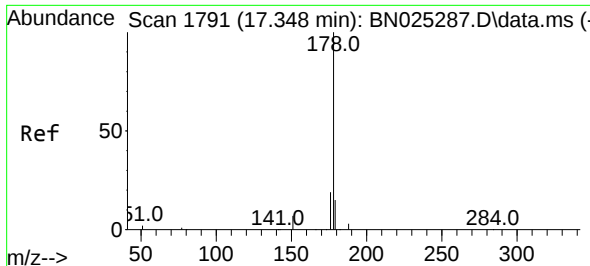
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#24
Pentachlorophenol
Concen: 0.641 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

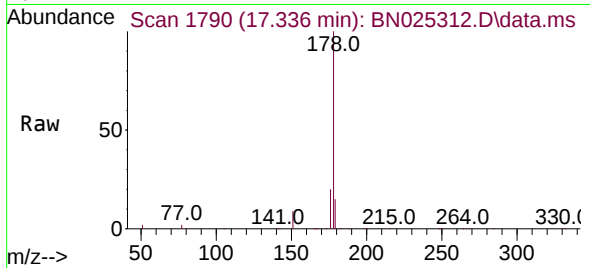
Tgt Ion:266 Resp: 2527
Ion Ratio Lower Upper
266 100
264 60.5 43.0 64.4
268 63.2 47.4 71.2





#25
Phenanthrene
Concen: 2.223 ng
RT: 17.336 min Scan# 1790
Delta R.T. -0.012 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

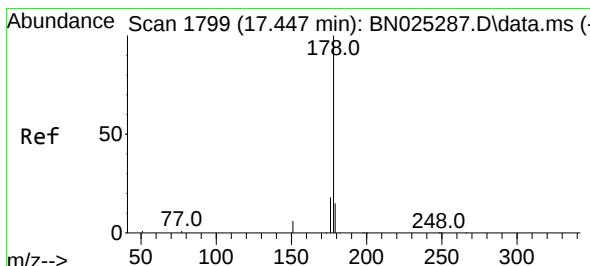
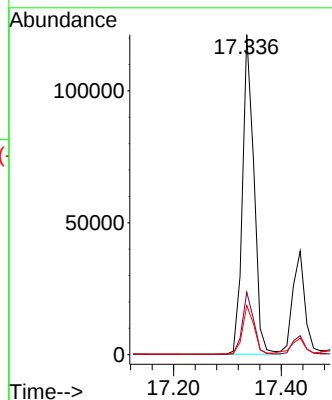
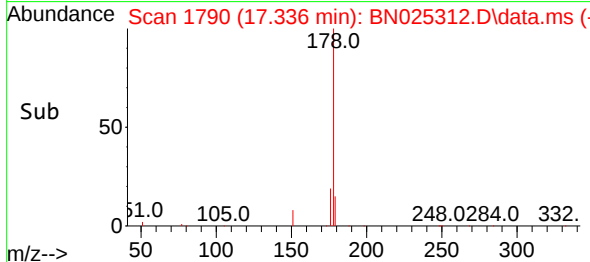
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:178 Resp: 17802
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.5 12.4 18.6

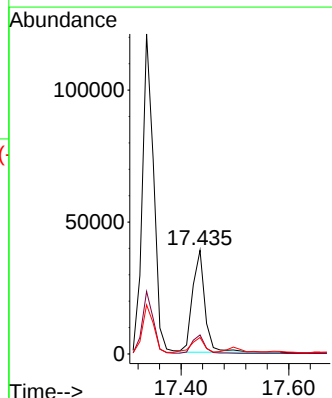
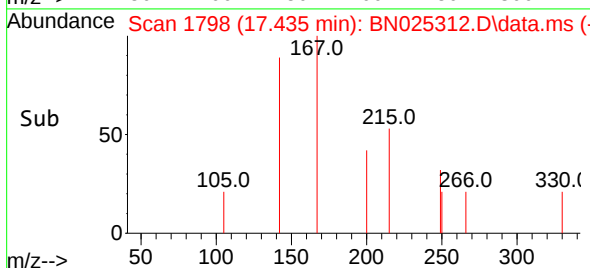
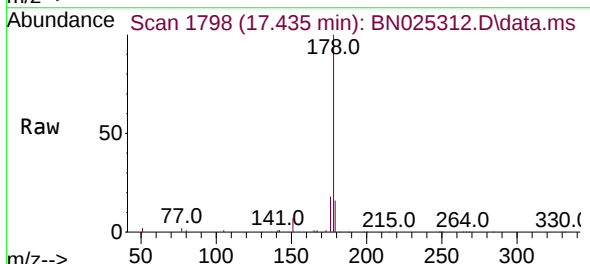
Manual Integrations
APPROVED

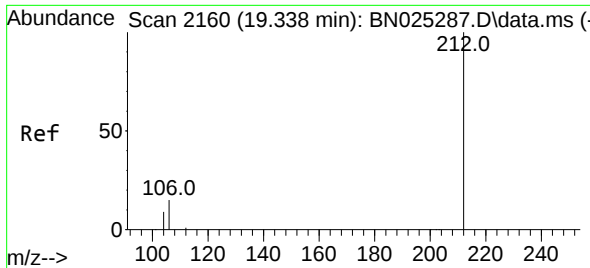
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#26
Anthracene
Concen: 0.823 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

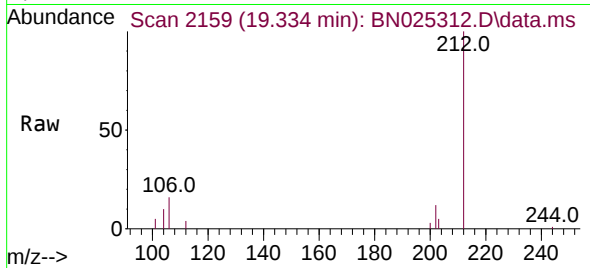
Tgt Ion:178 Resp: 61706
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.0 12.0 18.0





#27
Fluoranthene-d10
Concen: 0.263 ng
RT: 19.334 min Scan# 2159
Delta R.T. -0.004 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

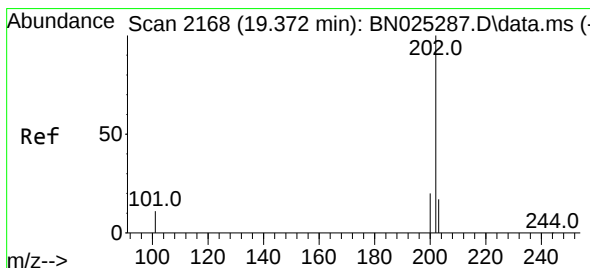
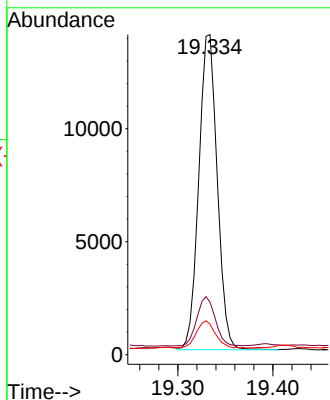
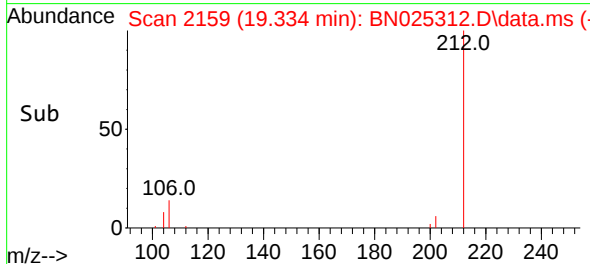
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



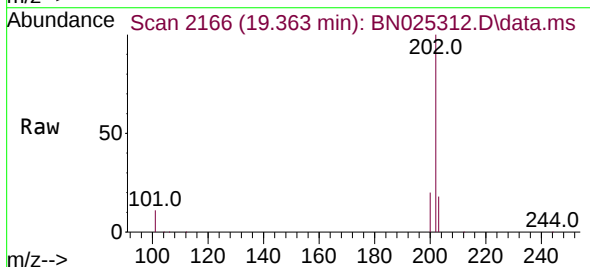
Tgt Ion:212 Resp: 1880
Ion Ratio Lower Upper
212 100
106 15.5 12.6 19.0
104 9.2 7.0 10.6

Manual Integrations
APPROVED

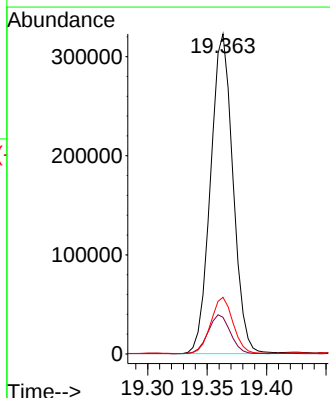
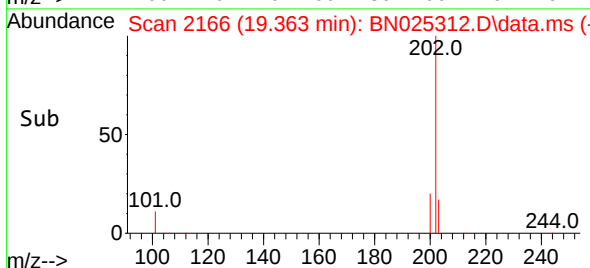
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

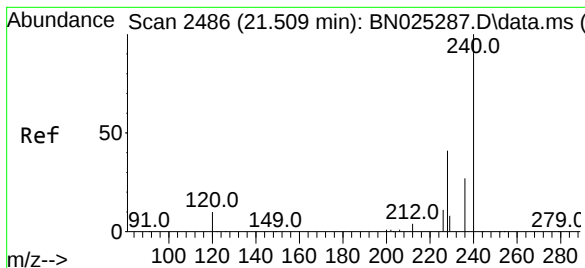


#28
Fluoranthene
Concen: 4.226 ng
RT: 19.363 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58



Tgt Ion:202 Resp: 422877
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
203 17.4 13.5 20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.500 min Scan# 2486

Delta R.T. 0.000 min

Lab File: BN025312.D

Acq: 06 May 2023 12:58

Instrument :

BNA_N

ClientSampleId :

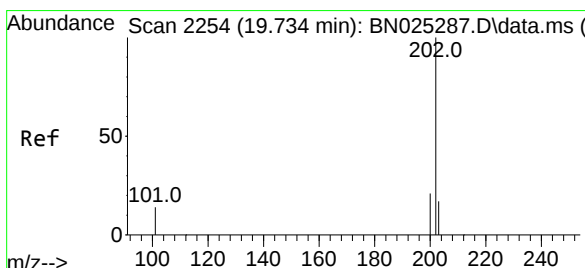
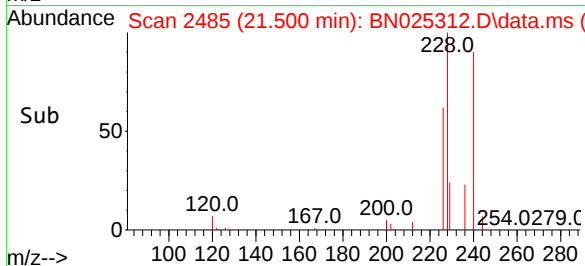
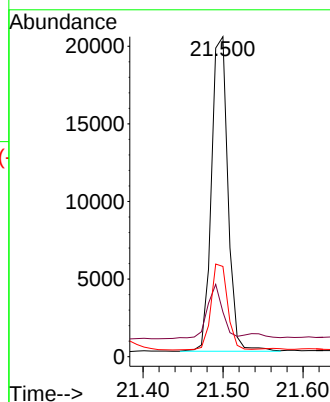
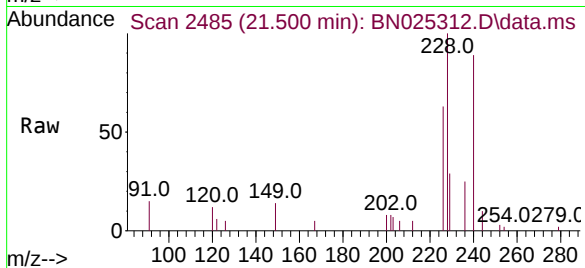
ZONE-A-3-6-05022023MSD

Tgt Ion:	240	Resp:	2907
Ion Ratio	Lower	Upper	
240	100		
120	14.0	10.3	15.5
236	28.2	22.3	33.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#30

Pyrene

Concen: 3.948 ng

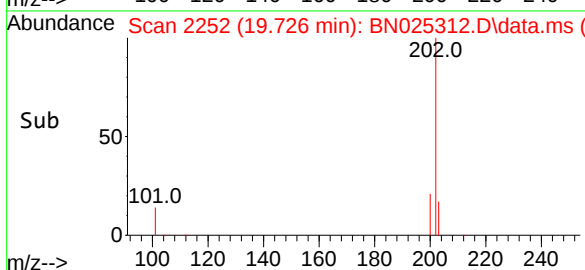
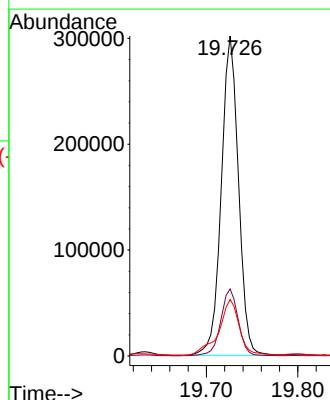
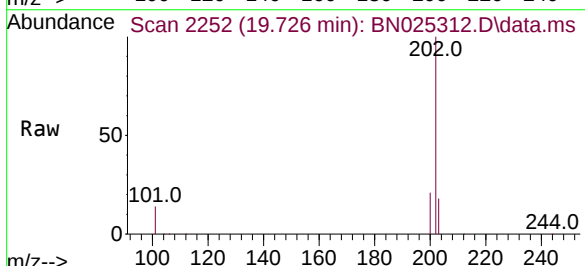
RT: 19.726 min Scan# 2252

Delta R.T. -0.004 min

Lab File: BN025312.D

Acq: 06 May 2023 12:58

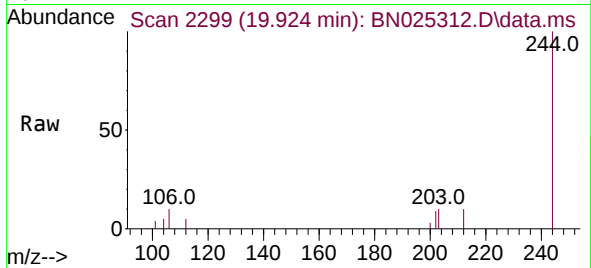
Tgt Ion:	202	Resp:	392439
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	20.8	14.4	21.6





#31
Terphenyl-d14
Concen: 0.238 ng
RT: 19.924 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

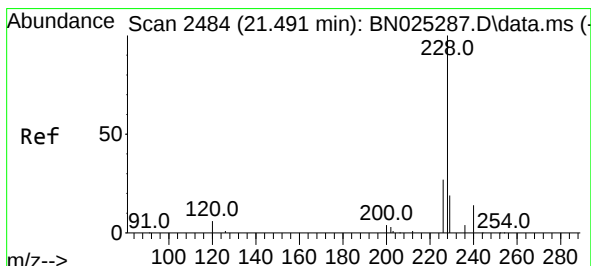
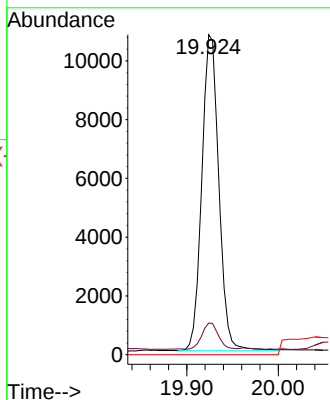
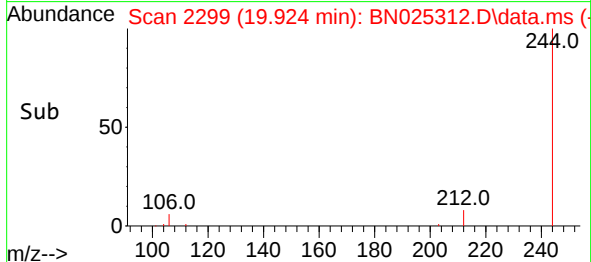
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:244 Resp: 13944
Ion Ratio Lower Upper
244 100
212 9.9 7.1 10.7
122 0.0 0.0 0.0

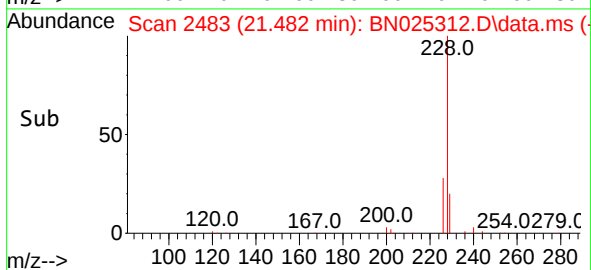
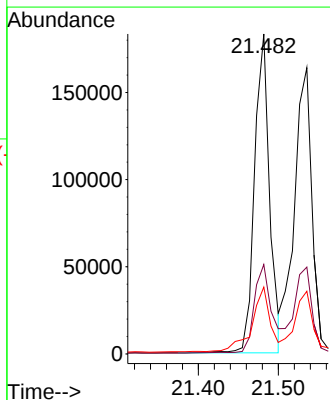
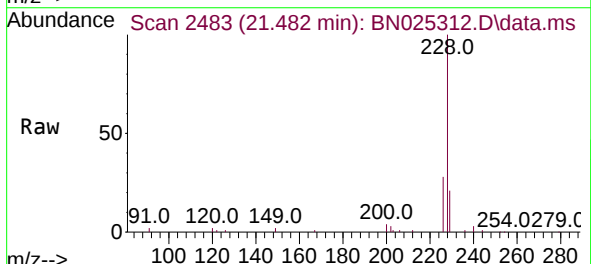
Manual Integrations
APPROVED

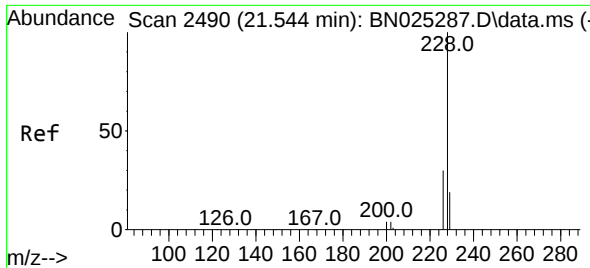
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#32
Benzo(a)anthracene
Concen: 2.430 ng
RT: 21.482 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

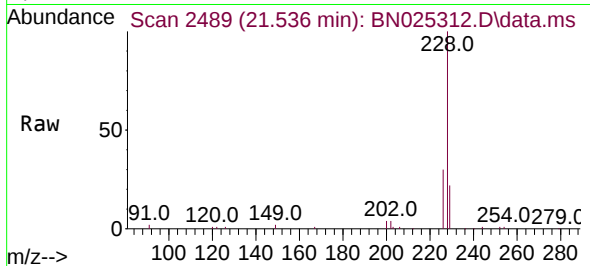
Tgt Ion:228 Resp: 238804
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.9 16.2 24.2





#33
Chrysene
Concen: 2.566 ng
RT: 21.536 min Scan# 2490
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

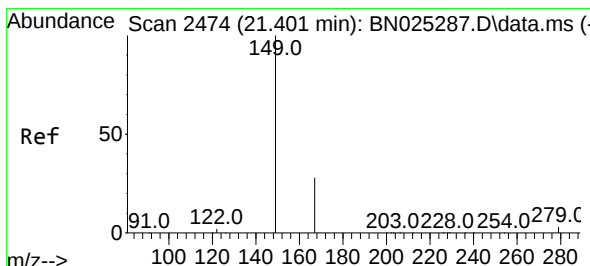
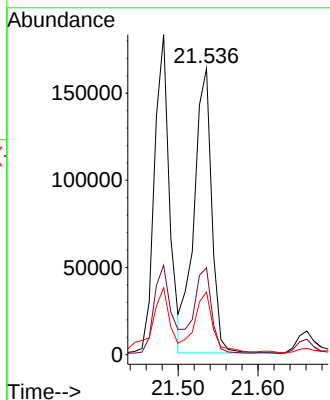
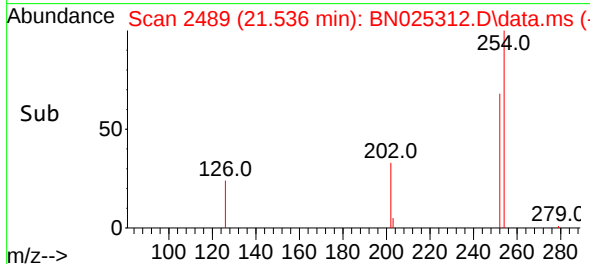
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



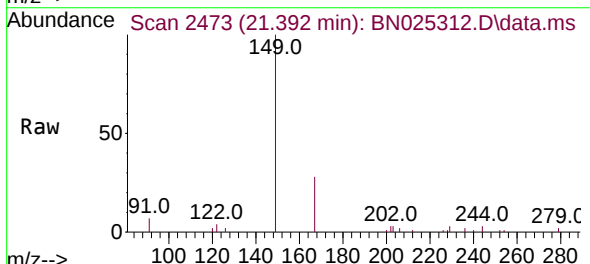
Tgt Ion:228 Resp: 251040
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 21.9 16.2 24.4

Manual Integrations
APPROVED

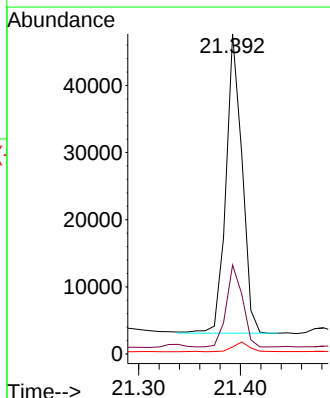
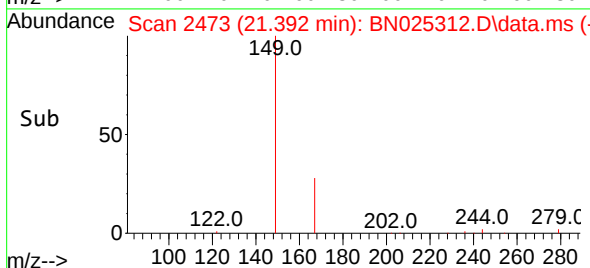
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

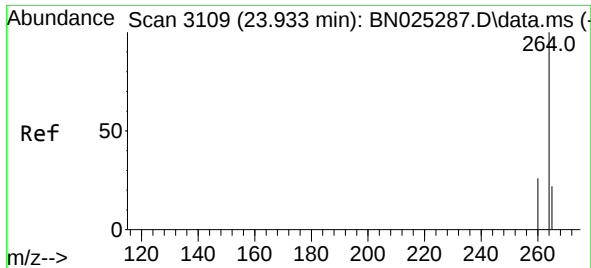


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.633 ng
RT: 21.392 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58



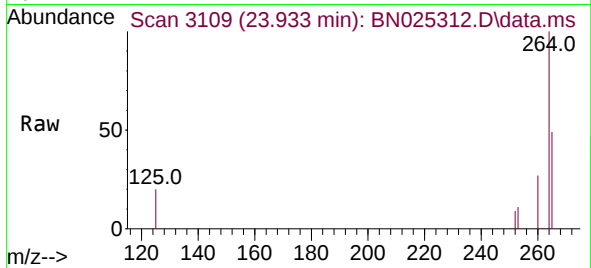
Tgt Ion:149 Resp: 48846
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 3.3 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.933 min Scan# 3109
 Delta R.T. -0.003 min
 Lab File: BN025312.D
 Acq: 06 May 2023 12:58

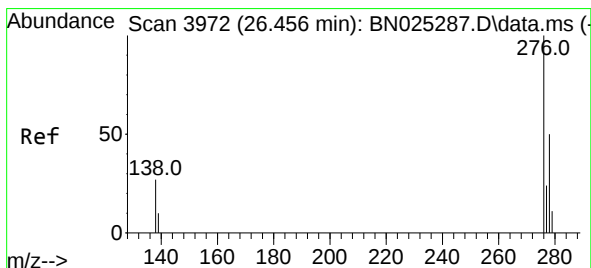
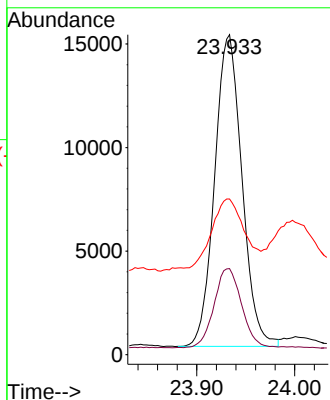
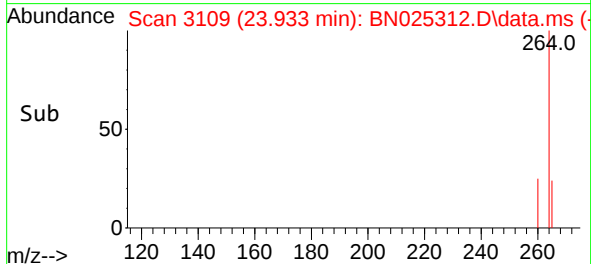
Instrument :
 BNA_N
 ClientSampleId :
 ZONE-A-3-6-05022023MSD



Tgt Ion:264 Resp: 2917
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.5 32.3
 265 48.6 46.2 69.4

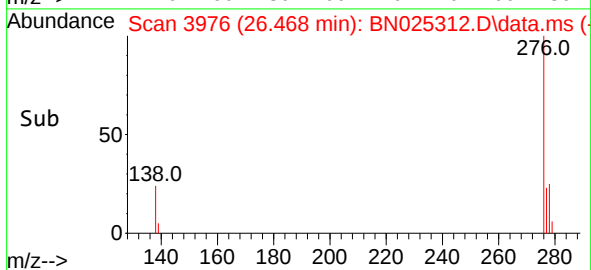
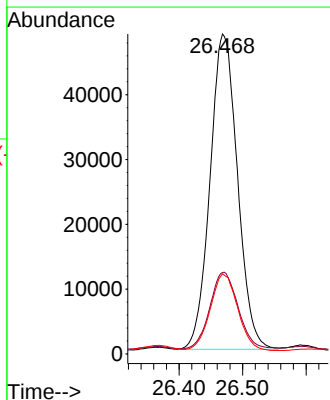
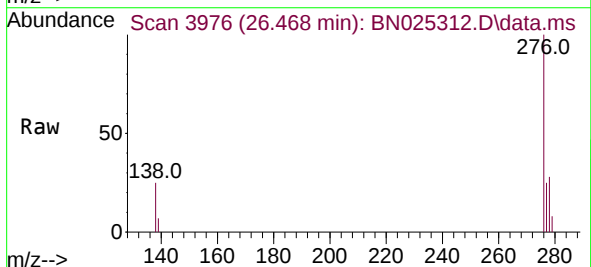
Manual Integrations
 APPROVED

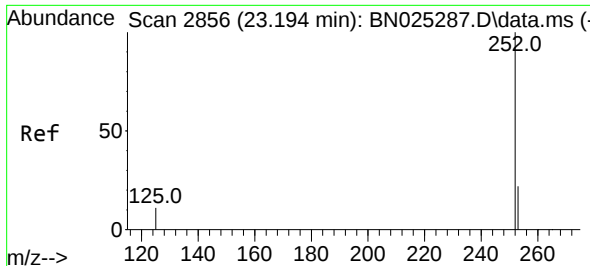
Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 1.249 ng
 RT: 26.468 min Scan# 3976
 Delta R.T. -0.012 min
 Lab File: BN025312.D
 Acq: 06 May 2023 12:58

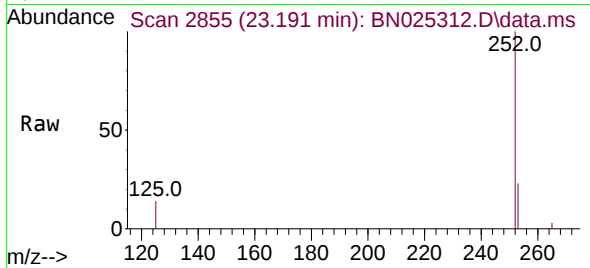
Tgt Ion:276 Resp: 146107
 Ion Ratio Lower Upper
 276 100
 138 24.7 22.5 33.7
 277 24.3 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 3.286 ng
RT: 23.191 min Scan# 2855
Delta R.T. -0.003 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

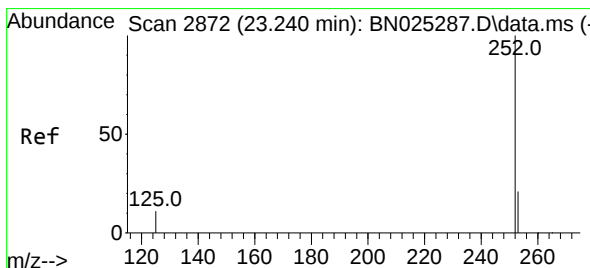
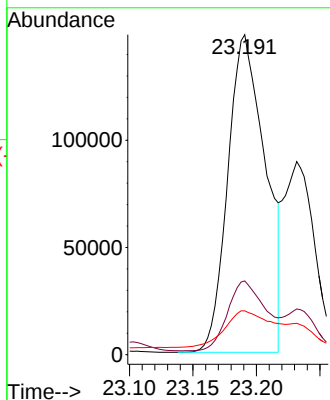
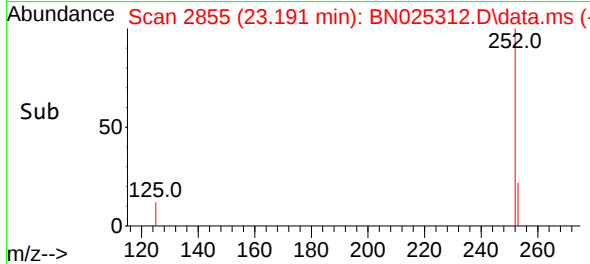
Instrument : BNA_N
ClientSampleId : ZONE-A-3-6-05022023MSD



Tgt Ion:252 Resp: 303900
Ion Ratio Lower Upper
252 100
253 23.0 20.8 31.2
125 13.7 13.4 20.2

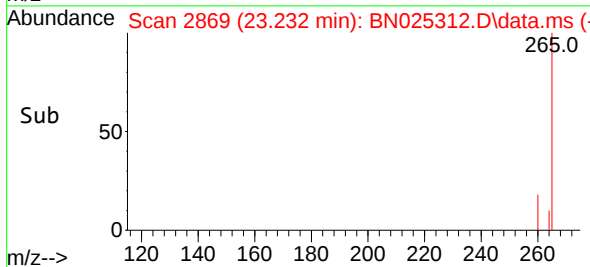
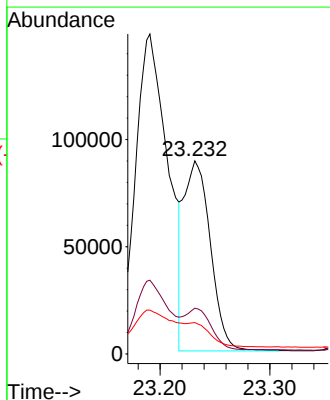
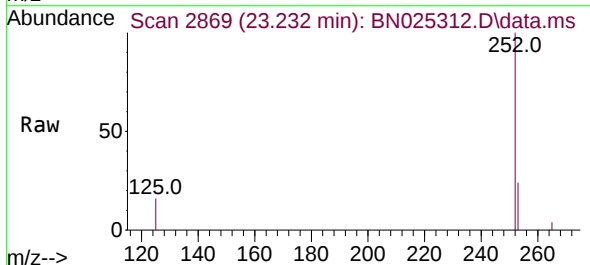
Manual Integrations
APPROVED

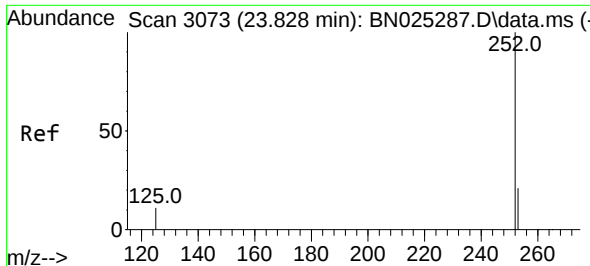
Reviewed By :Christian Giraldo 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023



#38
Benzo(k)fluoranthene
Concen: 1.543 ng m
RT: 23.232 min Scan# 2869
Delta R.T. -0.009 min
Lab File: BN025312.D
Acq: 06 May 2023 12:58

Tgt Ion:252 Resp: 149402
Ion Ratio Lower Upper
252 100
253 23.7 20.6 30.8
125 16.2 13.1 19.7





#39

Benzo(a)pyrene

Concen: 1.404 ng

RT: 23.717 min Scan# 3073

Delta R.T. -0.117 min

Lab File: BN025312.D

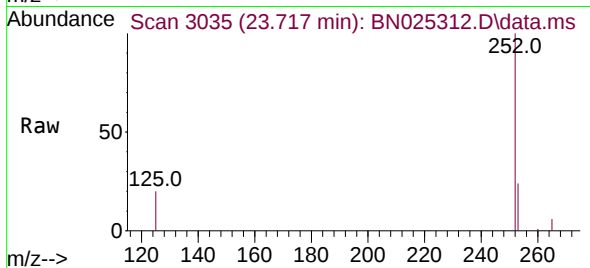
Acq: 06 May 2023 12:58

Instrument :

BNA_N

ClientSampleId :

ZONE-A-3-6-05022023MSD



Tgt Ion:252 Resp: 133000

Ion Ratio Lower Upper

252 100

253 23.6 21.4 32.0

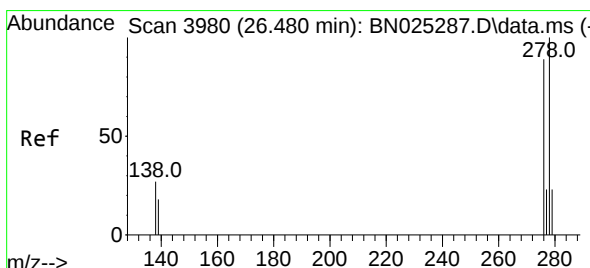
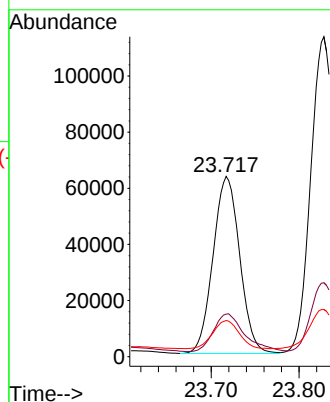
125 20.0 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/08/2023

Supervised By :Jagrut Upadhyay 05/08/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.602 ng

RT: 26.483 min Scan# 3981

Delta R.T. -0.014 min

Lab File: BN025312.D

Acq: 06 May 2023 12:58

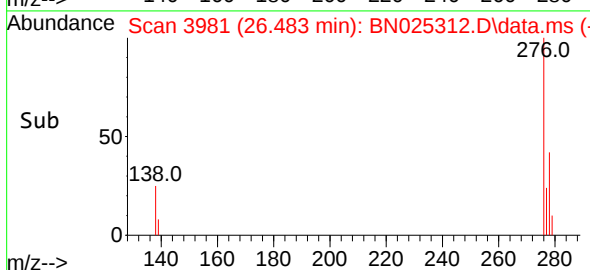
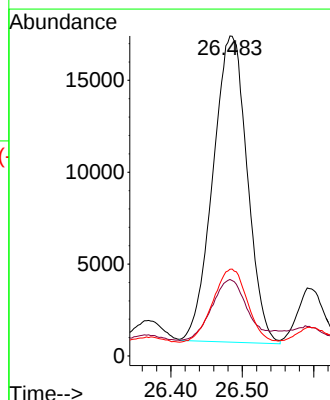
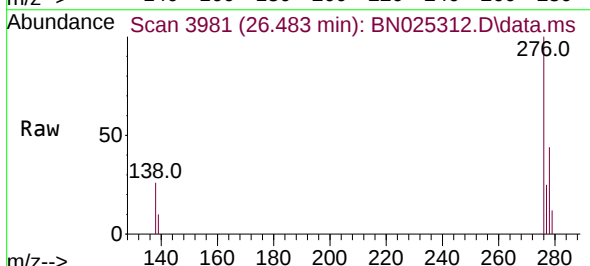
Tgt Ion:278 Resp: 55553

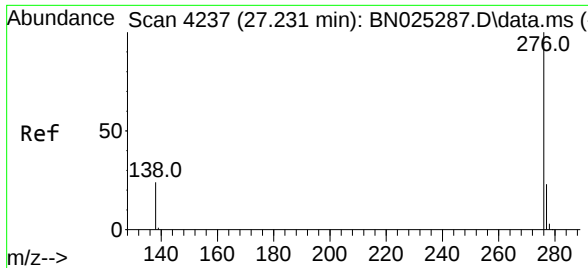
Ion Ratio Lower Upper

278 100

139 23.9 17.6 26.4

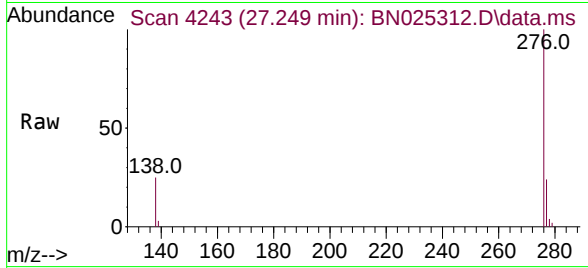
279 27.1 21.6 32.4





#41
 Benzo(g,h,i)perylene
 Concen: 1.338 ng
 RT: 27.249 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BN025312.D
 Acq: 06 May 2023 12:58

Instrument :
 BNA_N
 ClientSampleId :
 ZONE-A-3-6-05022023MSD



Tgt Ion:276 Resp: 135662
 Ion Ratio Lower Upper
 276 100
 277 24.2 20.1 30.1
 138 25.4 21.0 31.6

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 05/08/2023
 Supervised By :Jagrut Upadhyay 05/08/2023

