

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
 Data File : BN025340.D
 Acq On : 08 May 2023 19:33
 Operator : CG/JU
 Sample : 02588-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 09 04:03:50 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 18:27:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
 Supervised By :Jagrut Upadhyay 05/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	5579	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	18008	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	10902	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	24563	0.400	ng	0.00
29) Chrysene-d12	21.491	240	25784	0.400	ng	# 0.00
35) Perylene-d12	23.916	264	25911	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	3987	0.294	ng	0.00
5) Phenol-d6	7.081	99	5399	0.317	ng	0.00
8) Nitrobenzene-d5	9.074	82	4076	0.275	ng	-0.01
11) 2-Methylnaphthalene-d10	12.302	152	10861m	0.441	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	1487	0.267	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	10436	0.279	ng	0.00
27) Fluoranthene-d10	19.330	212	15915	0.262	ng	0.00
31) Terphenyl-d14	19.924	244	12160	0.234	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1640	0.280	ng	# 64
3) n-Nitrosodimethylamine	3.643	42	3341	0.374	ng	99
6) bis(2-Chloroethyl)ether	7.326	93	6340	0.422	ng	100
9) Naphthalene	10.761	128	33628	0.728	ng	99
10) Hexachlorobutadiene	11.038	225	3428	0.392	ng	# 97
12) 2-Methylnaphthalene	12.378	142	18587	0.569	ng	99
16) Acenaphthylene	14.267	152	39964	0.819	ng	99
17) Acenaphthene	14.609	154	16824	0.554	ng	100
18) Fluorene	15.603	166	23576	0.567	ng	97
20) 4,6-Dinitro-2-methylph...	15.710	198	325	0.341	ng	# 75
21) 4-Bromophenyl-phenylether	16.479	248	5213	0.380	ng	# 89
22) Hexachlorobenzene	16.603	284	6009	0.406	ng	99
23) Atrazine	16.752	200	4694	0.392	ng	99
24) Pentachlorophenol	16.963	266	2549	0.712	ng	93
25) Phenanthrene	17.336	178	153237	2.255	ng	100
26) Anthracene	17.435	178	55805	0.877	ng	99
28) Fluoranthene	19.359	202	359465	4.233	ng	99
30) Pyrene	19.726	202	335284	3.804	ng	97
32) Benzo(a)anthracene	21.473	228	218904	2.512	ng	100
33) Chrysene	21.527	228	215408	2.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.392	149	42909	0.627	ng	99
36) Indeno(1,2,3-cd)pyrene	26.424	276	132787	1.278	ng	96
37) Benzo(b)fluoranthene	23.176	252	275321	3.352	ng	94
38) Benzo(k)fluoranthene	23.223	252	122145m	1.421	ng	
39) Benzo(a)pyrene	23.808	252	195725m	2.326	ng	
40) Dibenzo(a,h)anthracene	26.442	278	50829	0.620	ng	96
41) Benzo(g,h,i)perylene	27.208	276	123487	1.371	ng	99

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

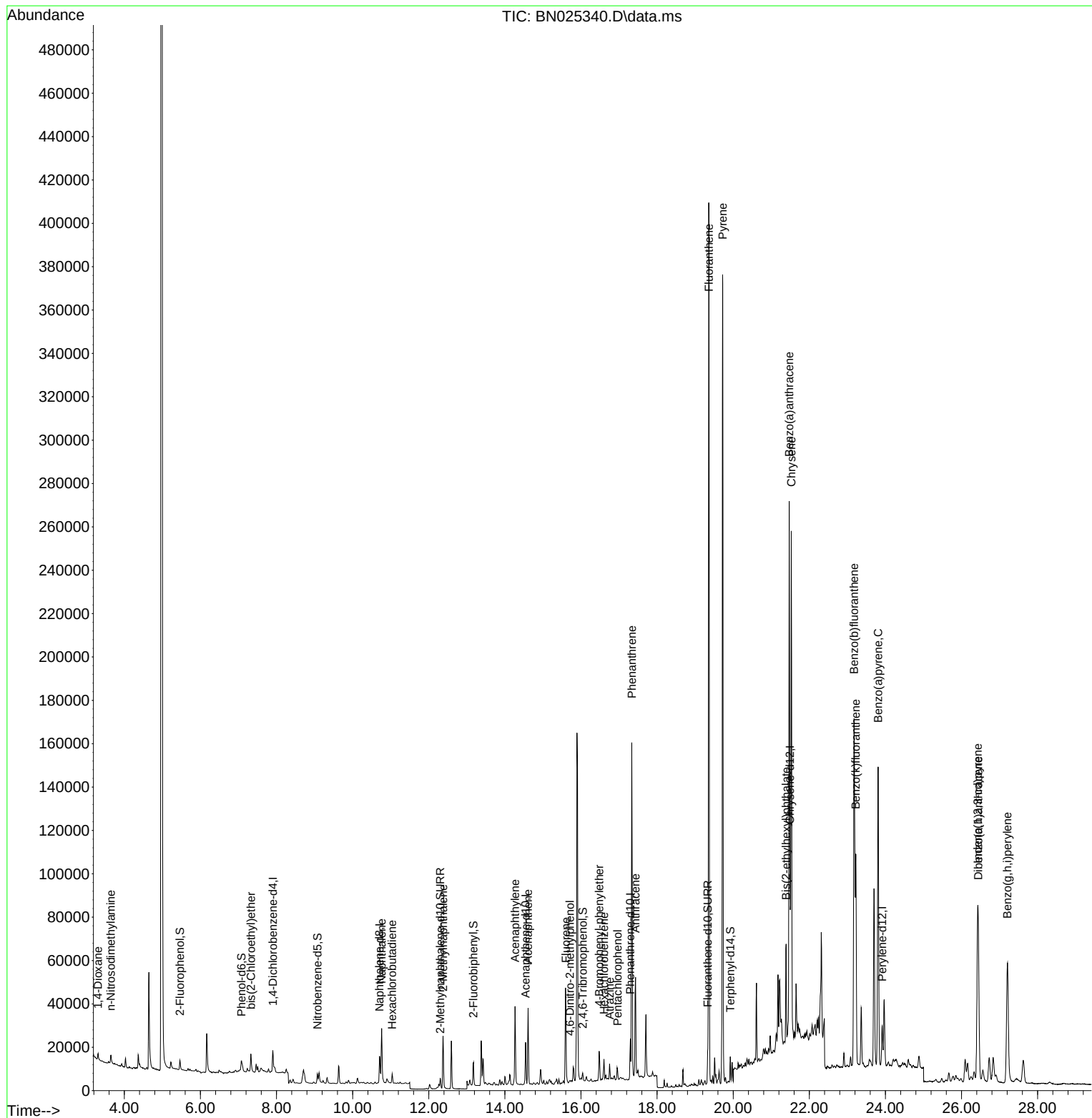
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Data File : BN025340.D
Acq On : 08 May 2023 19:33
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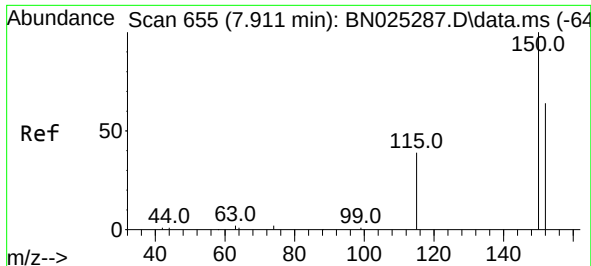
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Quant Time: May 09 04:03:50 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 18:27:02 2023
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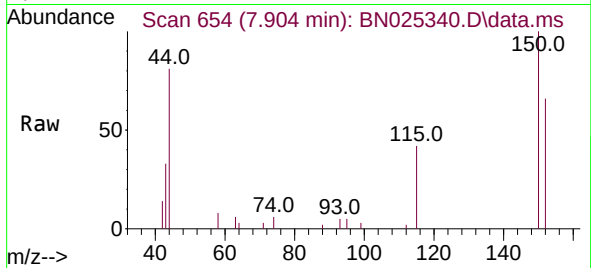
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

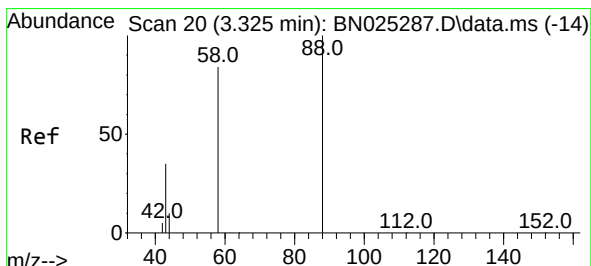
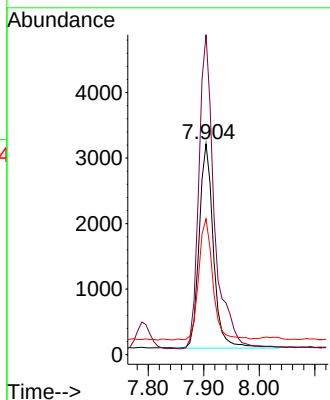
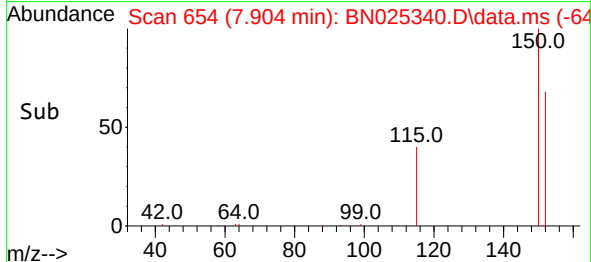
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 152 Resp: 5579
Ion Ratio Lower Upper
152 100
150 151.9 123.8 185.8
115 64.5 52.9 79.3

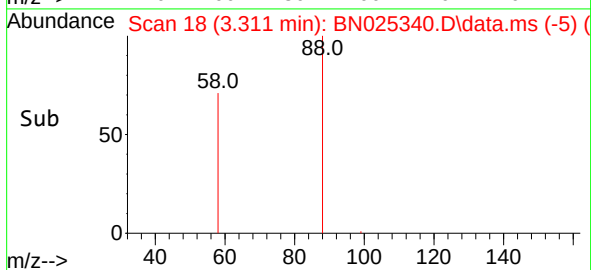
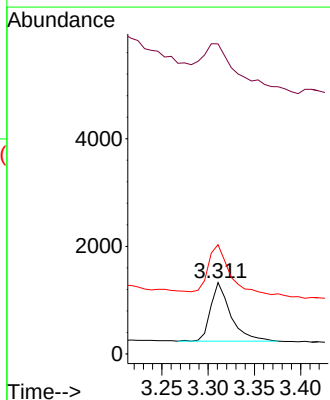
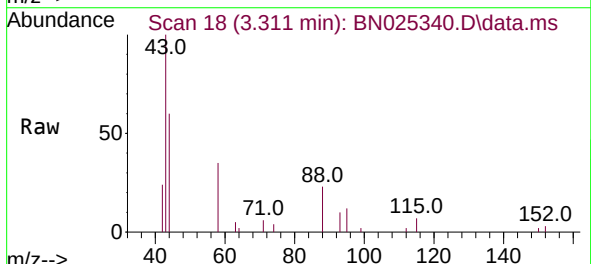
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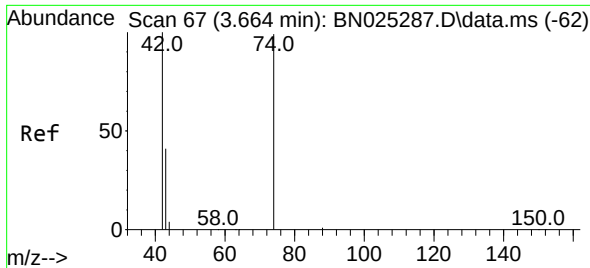
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#2
1,4-Dioxane
Concen: 0.280 ng
RT: 3.311 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

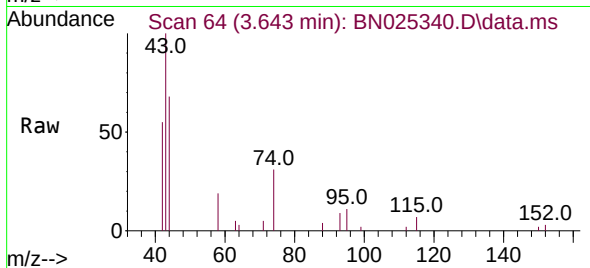
Tgt Ion: 88 Resp: 1640
Ion Ratio Lower Upper
88 100
43 113.4 37.2 55.8#
58 91.0 71.5 107.3





#3
n-Nitrosodimethylamine
Concen: 0.374 ng
RT: 3.643 min Scan# 64
Delta R.T. -0.014 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

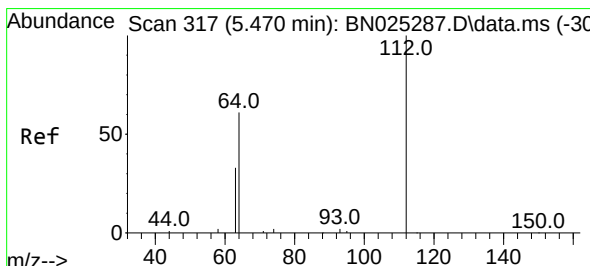
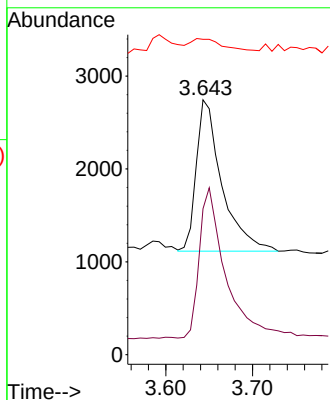
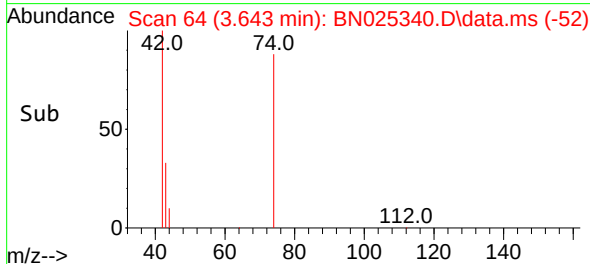
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 42 Resp: 334
Ion Ratio Lower Upper
42 100
74 101.2 79.9 119.9
44 9.6 7.0 10.6

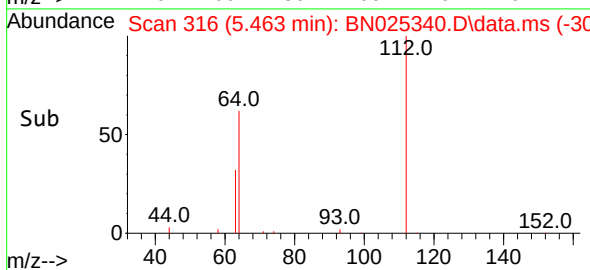
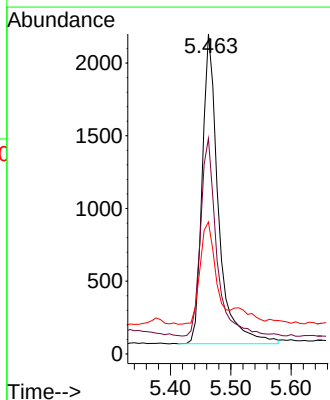
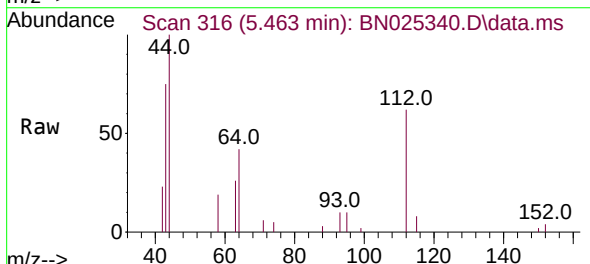
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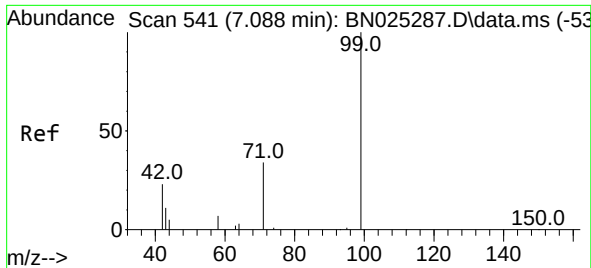
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.463 min Scan# 316
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

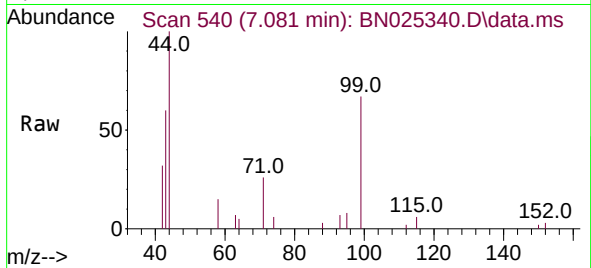
Tgt Ion:112 Resp: 3987
Ion Ratio Lower Upper
112 100
64 63.7 51.5 77.3
63 32.3 27.8 41.6





#5
Phenol-d6
Concen: 0.317 ng
RT: 7.081 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

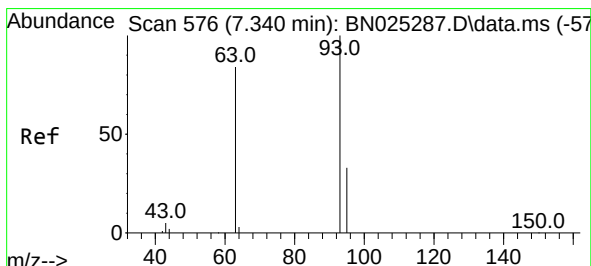
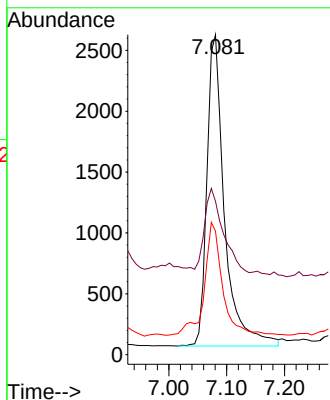
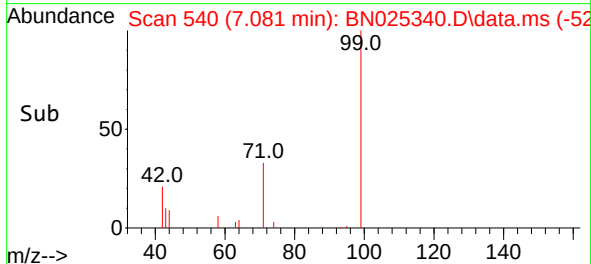
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion: 99 Resp: 5399
Ion Ratio Lower Upper
99 100
42 30.8 22.0 33.0
71 37.6 28.7 43.1

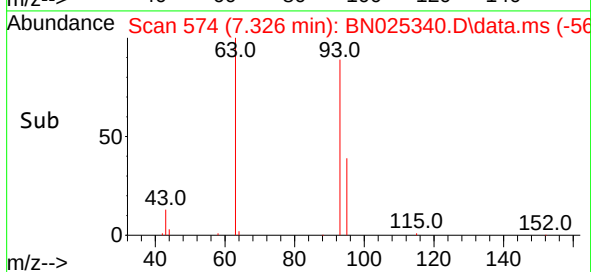
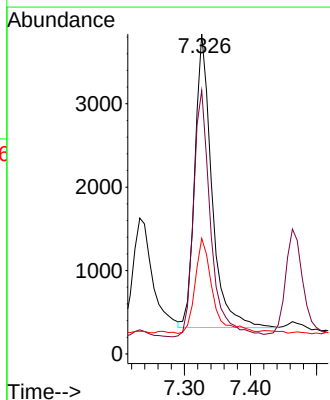
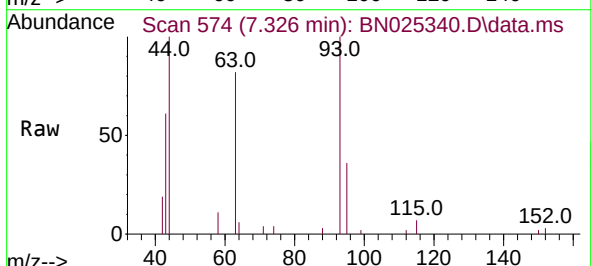
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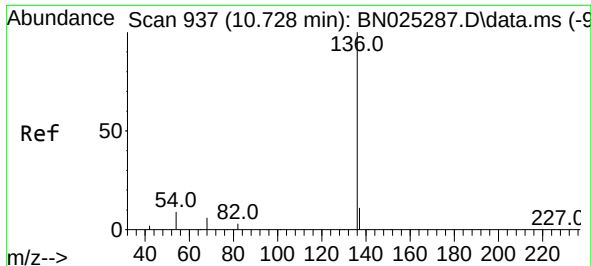
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.326 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

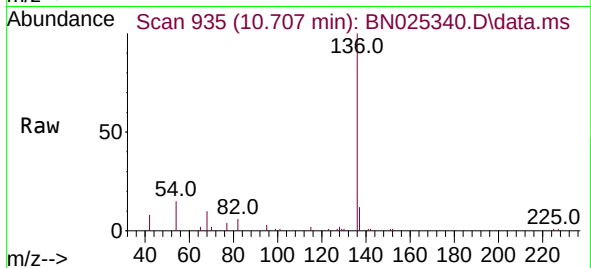
Tgt Ion: 93 Resp: 6340
Ion Ratio Lower Upper
93 100
63 84.5 67.8 101.6
95 33.4 26.7 40.1





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

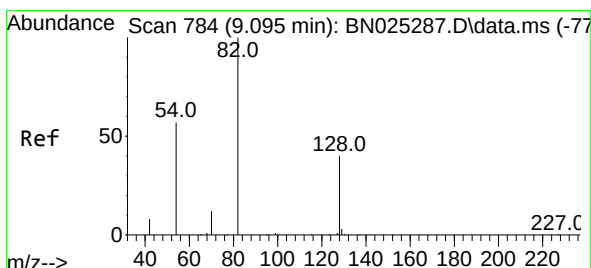
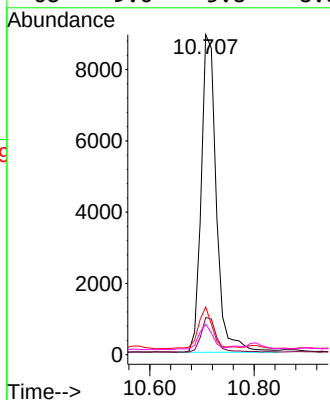
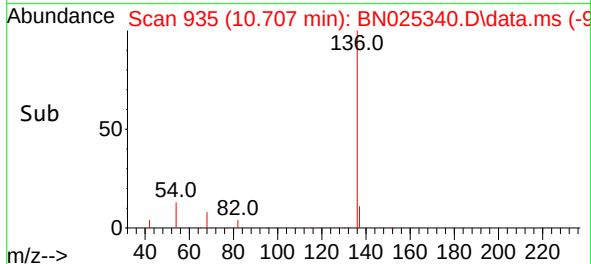
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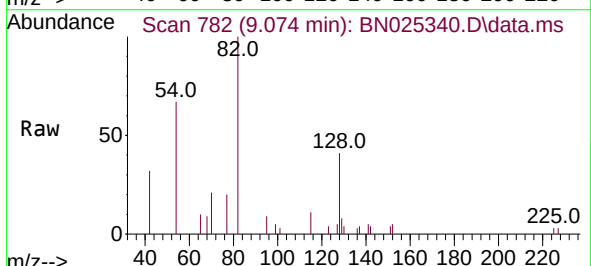
Tgt Ion:136 Resp: 1800
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.2
54 14.9 8.5 12.7
68 9.6 5.8 8.8

Manual Integrations
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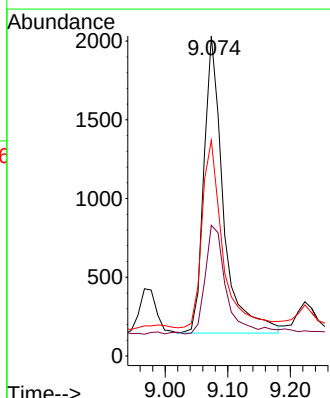
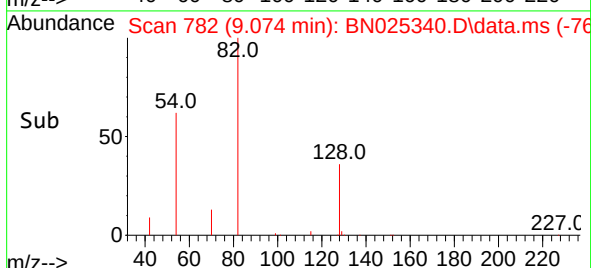
Reviewed By :Christian Giraldo 05/09/2023
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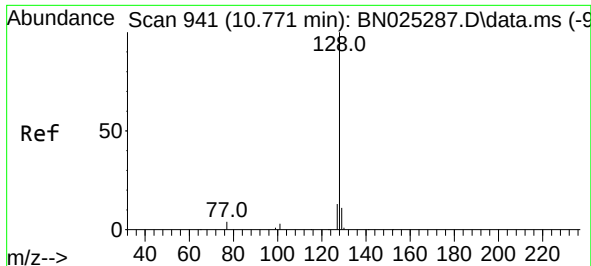


#8
Nitrobenzene-d5
Concen: 0.275 ng
RT: 9.074 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33



Tgt Ion: 82 Resp: 4076
Ion Ratio Lower Upper
82 100
128 40.9 35.3 52.9
54 67.4 48.7 73.1





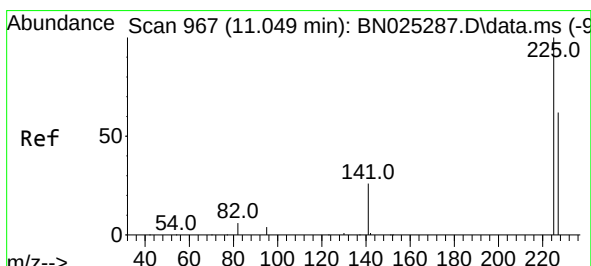
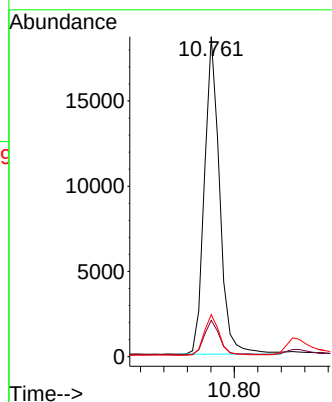
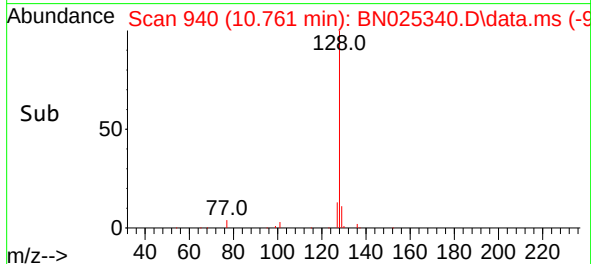
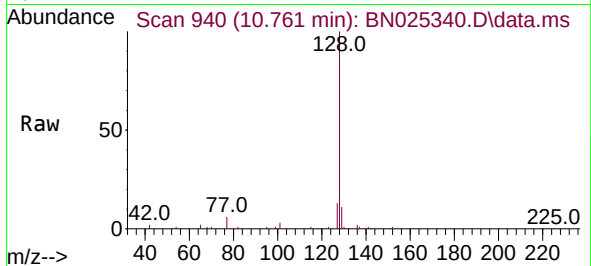
#9
Naphthalene
Concen: 0.728 ng
RT: 10.761 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

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

Tgt Ion:128 Resp: 33628
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 13.2 11.0 16.6

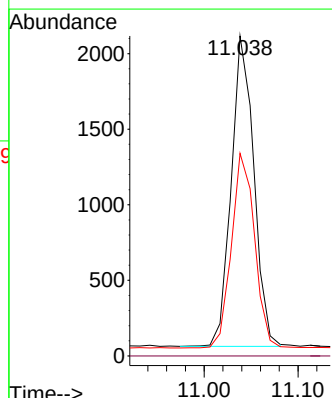
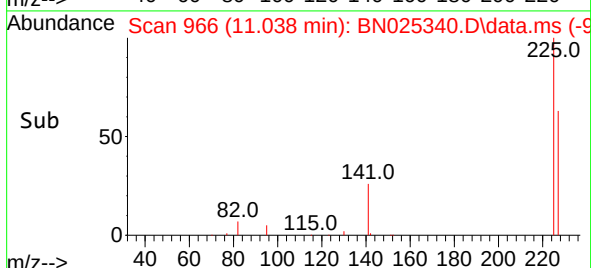
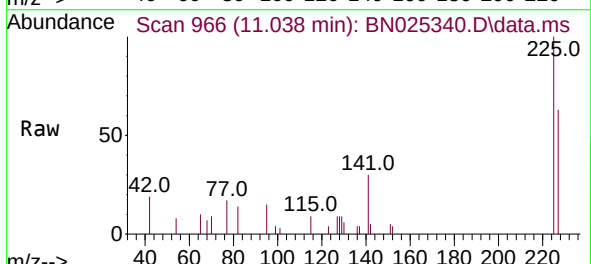
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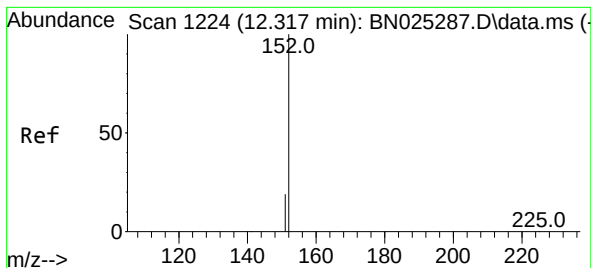
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#10
Hexachlorobutadiene
Concen: 0.392 ng
RT: 11.038 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

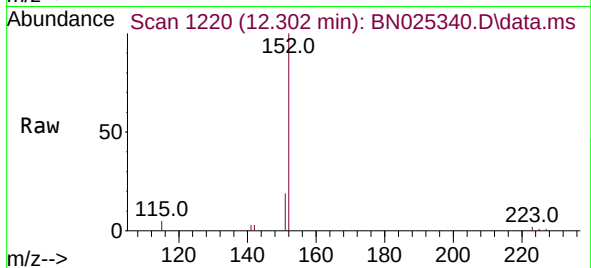
Tgt Ion:225 Resp: 3428
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.3 49.8 74.8





#11
2-Methylnaphthalene-d10
Concen: 0.441 ng m
RT: 12.302 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

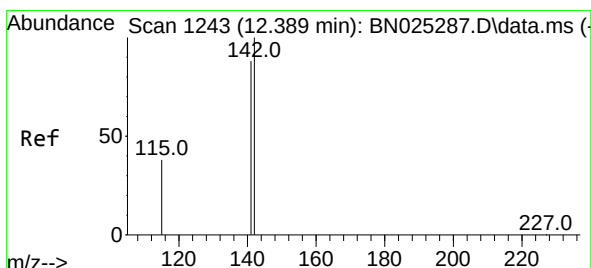
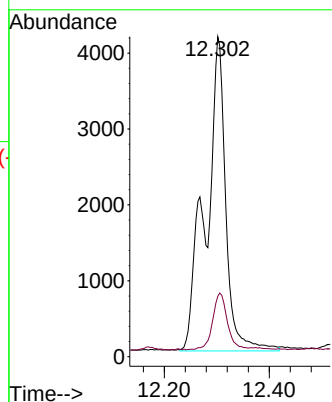
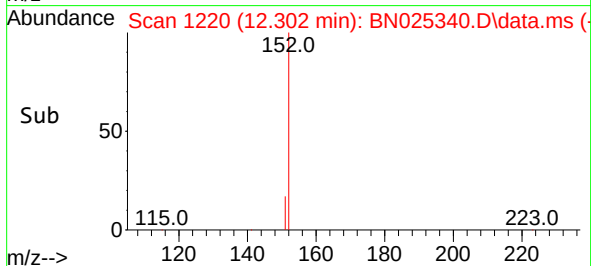
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:152 Resp: 1086
Ion Ratio Lower Upper
152 100
151 13.2 16.4 24.6

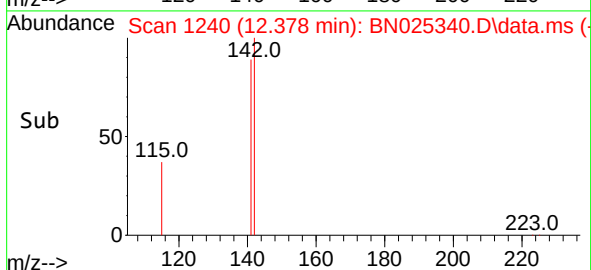
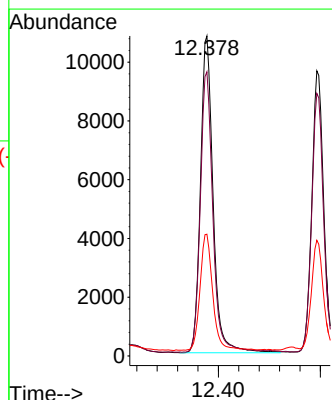
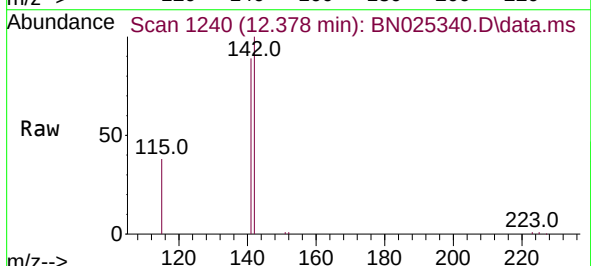
Manual Integrations
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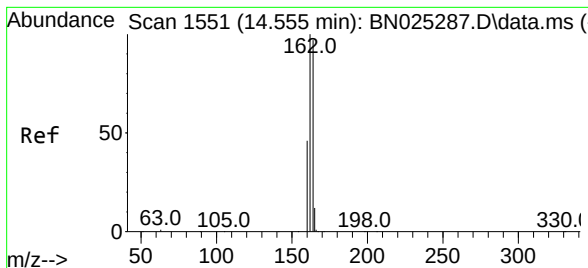
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#12
2-Methylnaphthalene
Concen: 0.569 ng
RT: 12.378 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

Tgt Ion:142 Resp: 18587
Ion Ratio Lower Upper
142 100
141 88.8 70.5 105.7
115 38.1 31.6 47.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.544 min Scan# 11

Delta R.T. 0.000 min

Lab File: BN025340.D

Acq: 08 May 2023 19:33

Instrument :

BNA_N

ClientSampleId :

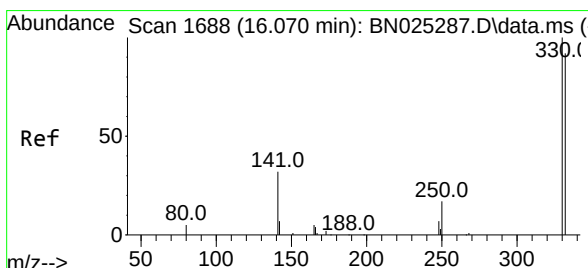
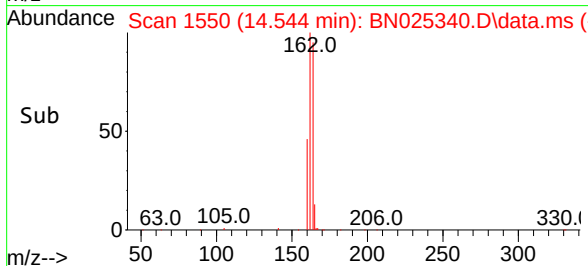
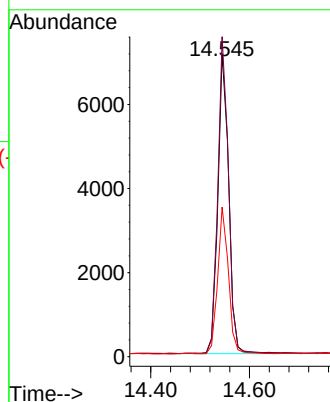
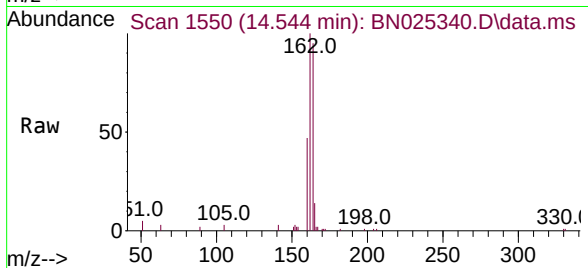
ZONE-A-3-6-05022023MSD

Tgt Ion:	164	Resp:	1090
Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.1	123.1
160	49.4	38.3	57.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#14

2,4,6-Tribromophenol

Concen: 0.267 ng

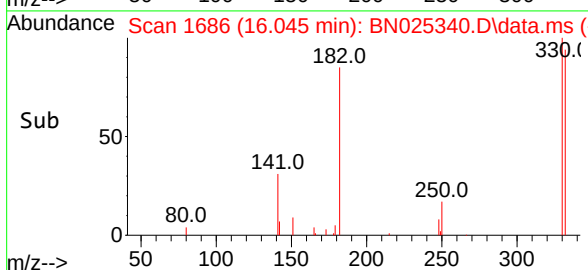
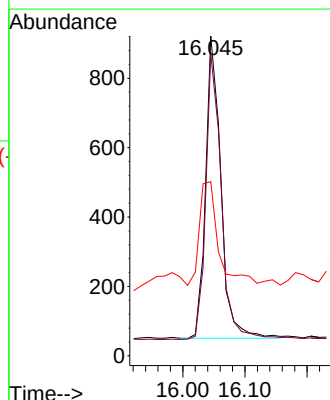
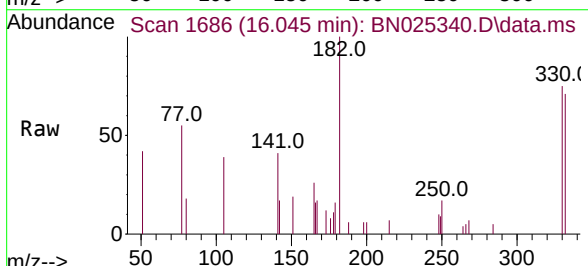
RT: 16.045 min Scan# 1686

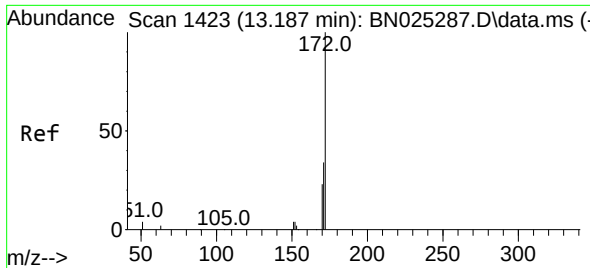
Delta R.T. -0.012 min

Lab File: BN025340.D

Acq: 08 May 2023 19:33

Tgt Ion:	330	Resp:	1487
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.0
141	43.2	28.9	43.3





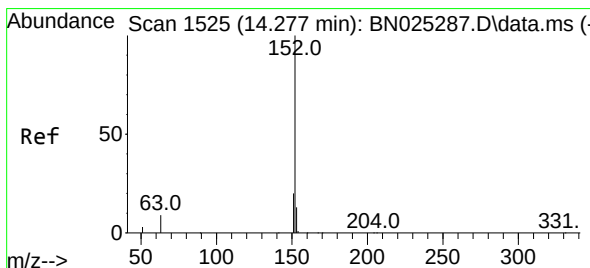
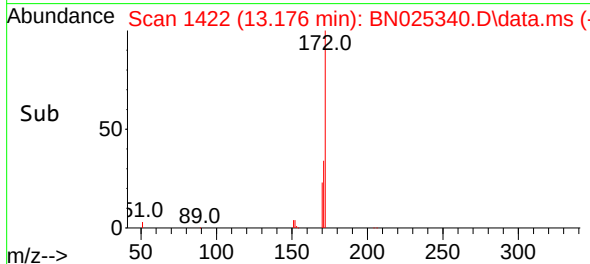
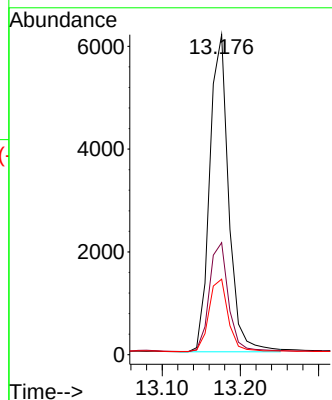
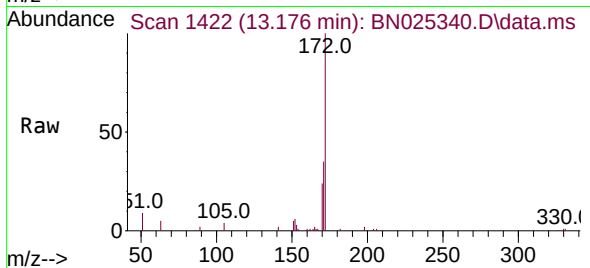
#15
2-Fluorobiphenyl
Concen: 0.279 ng
RT: 13.176 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

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

Tgt Ion:172 Resp: 10430
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.6 19.0 28.4

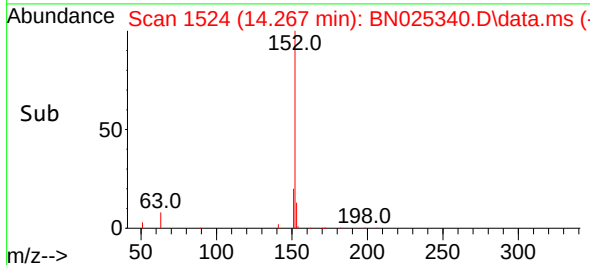
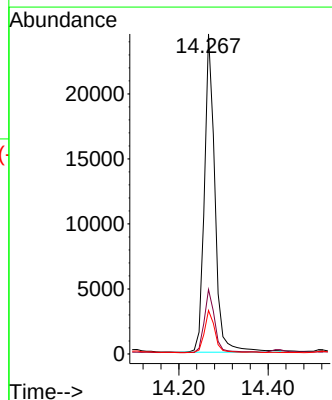
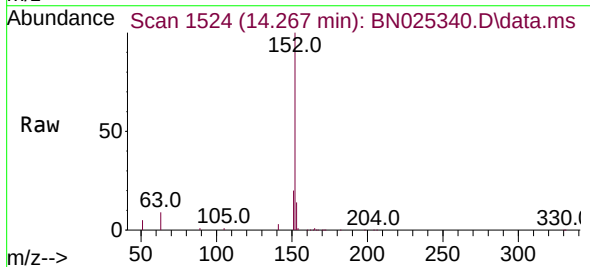
Manual Integrations
APPROVED

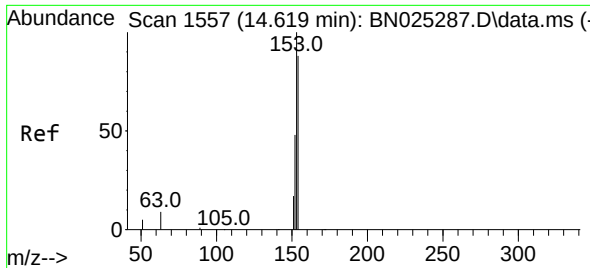
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#16
Acenaphthylene
Concen: 0.819 ng
RT: 14.267 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

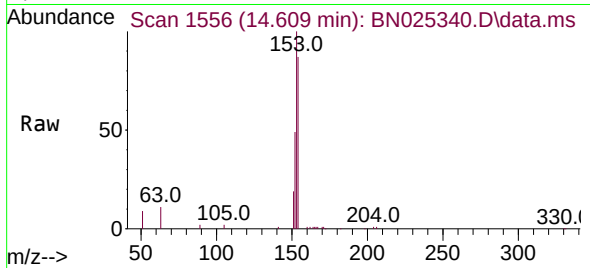
Tgt Ion:152 Resp: 39964
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.1 10.3 15.5





#17
Acenaphthene
Concen: 0.554 ng
RT: 14.609 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

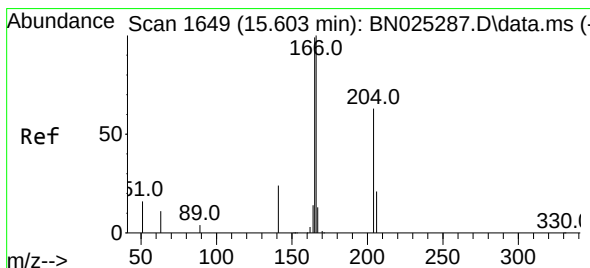
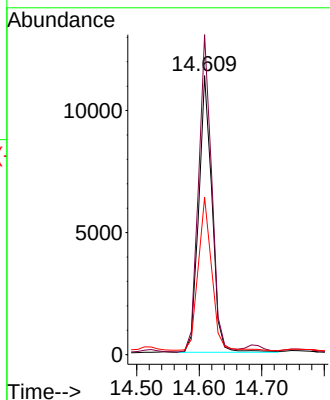
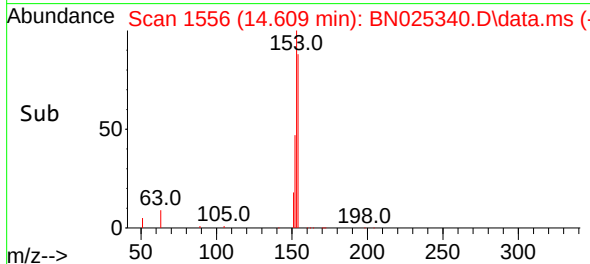
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:154 Resp: 16824
Ion Ratio Lower Upper
154 100
153 113.7 91.3 136.9
152 56.4 44.7 67.1

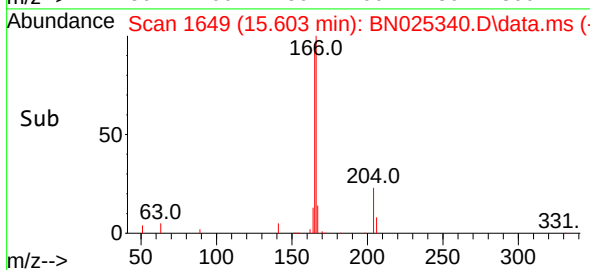
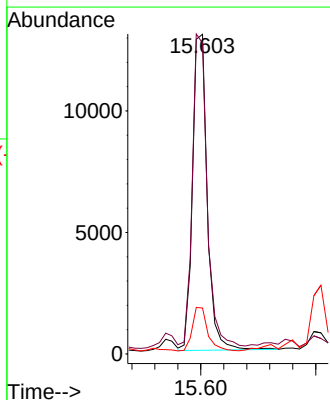
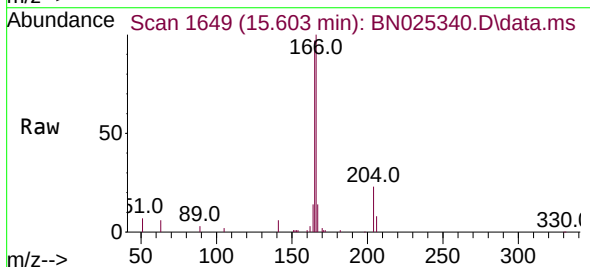
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APPROVED

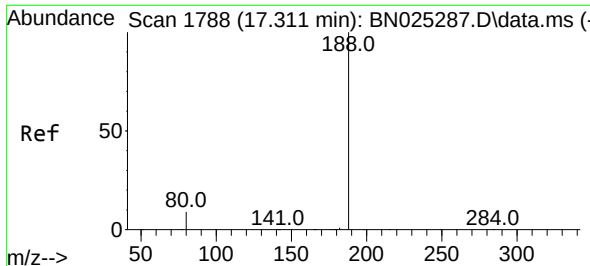
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#18
Fluorene
Concen: 0.567 ng
RT: 15.603 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

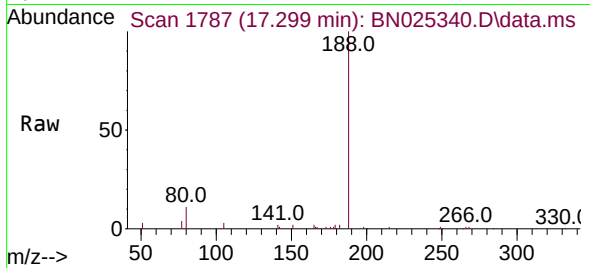
Tgt Ion:166 Resp: 23576
Ion Ratio Lower Upper
166 100
165 96.3 79.0 118.4
167 14.2 10.3 15.5





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.299 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

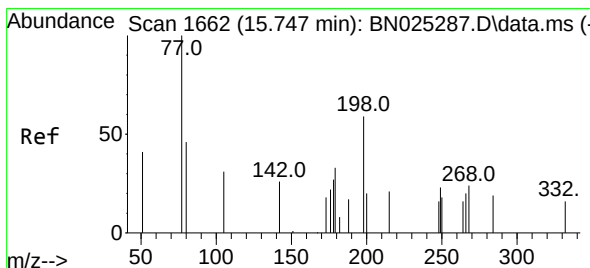
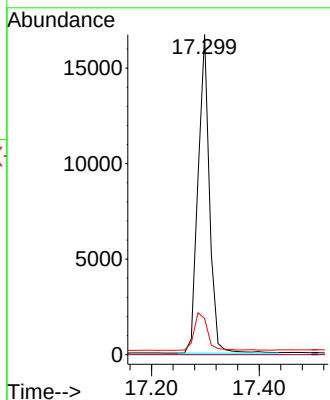
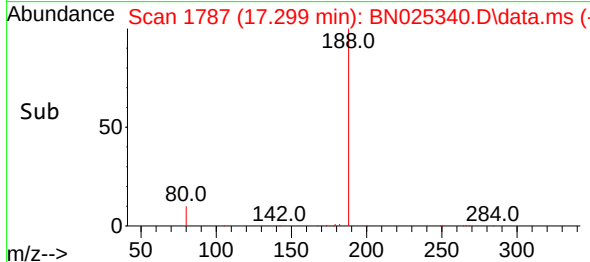
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



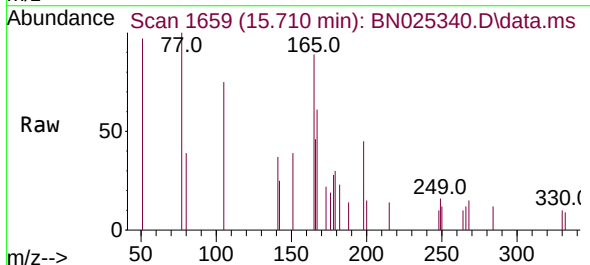
Tgt Ion:188 Resp: 2456
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 8.0 12.0

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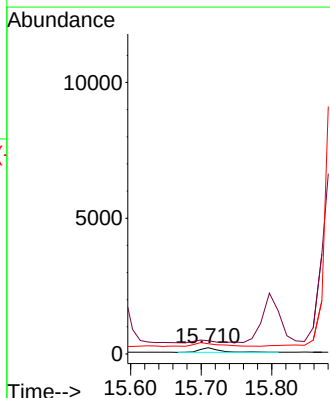
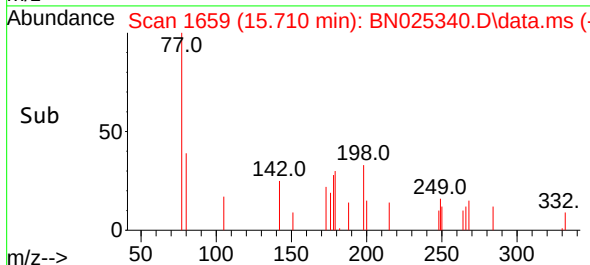
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

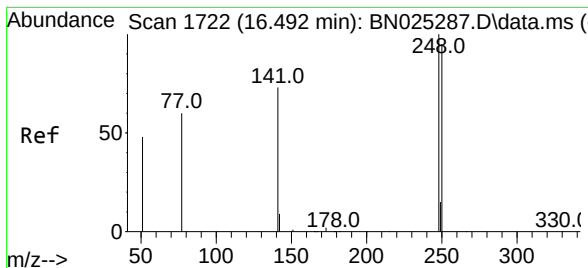


#20
4,6-Dinitro-2-methylphenol
Concen: 0.341 ng
RT: 15.710 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33



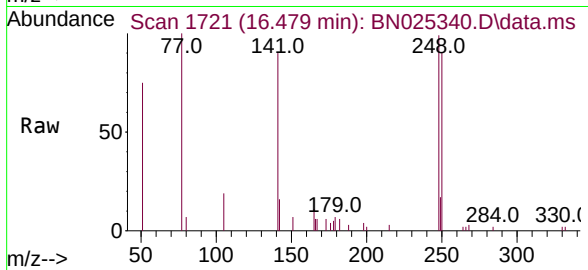
Tgt Ion:198 Resp: 325
Ion Ratio Lower Upper
198 100
51 213.5 162.1 243.1
105 164.3 83.1 124.7#





#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.479 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

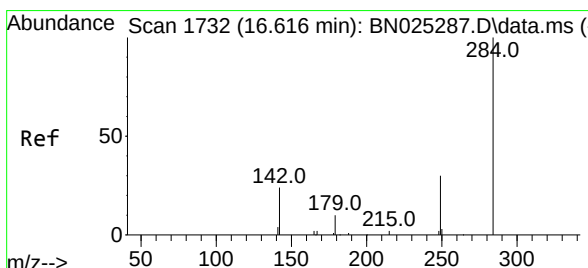
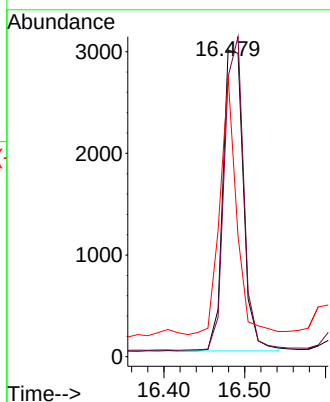
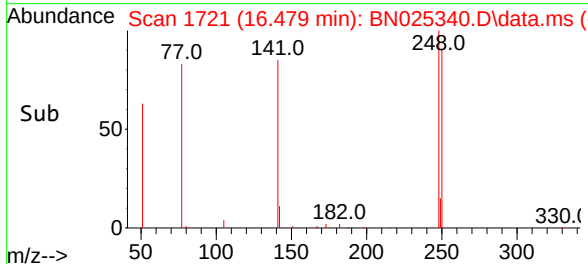
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:248 Resp: 521
Ion Ratio Lower Upper
248 100
250 91.3 76.0 114.0
141 91.5 59.9 89.9

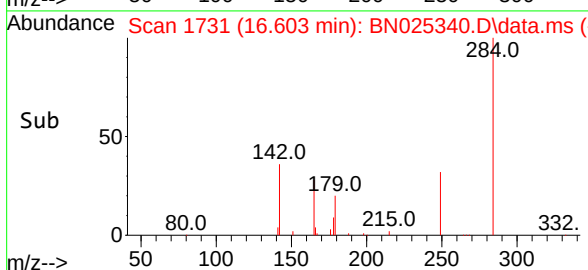
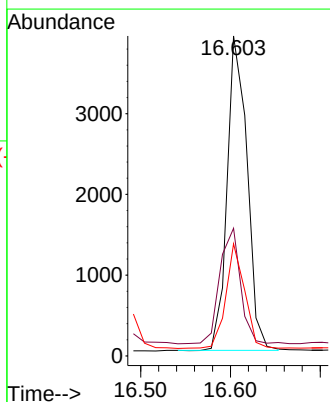
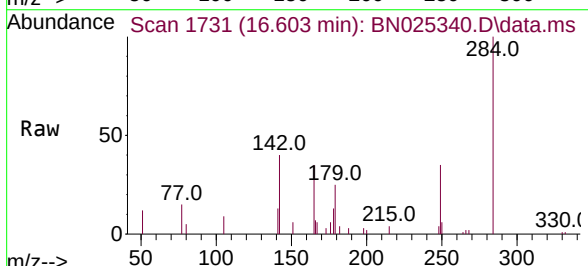
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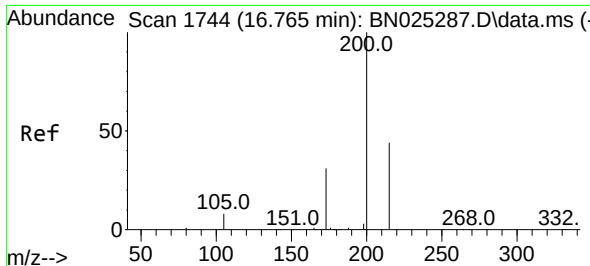
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#22
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.603 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

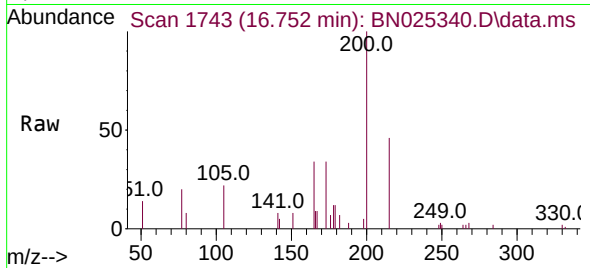
Tgt Ion:284 Resp: 6009
Ion Ratio Lower Upper
284 100
142 38.2 30.0 45.0
249 31.3 25.0 37.6





#23
Atrazine
Concen: 0.392 ng
RT: 16.752 min Scan# 1743
Delta R.T. -0.012 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

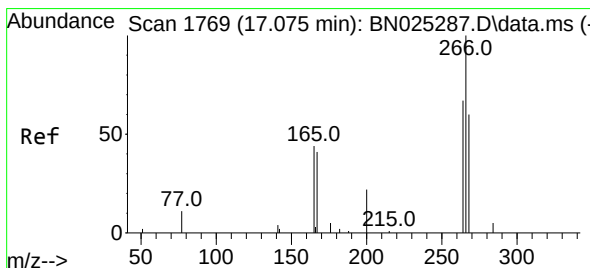
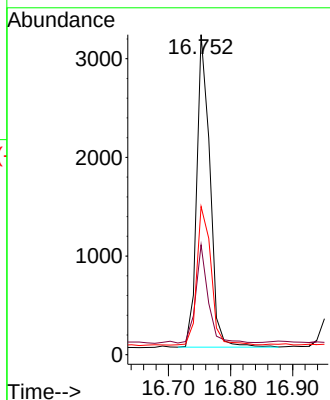
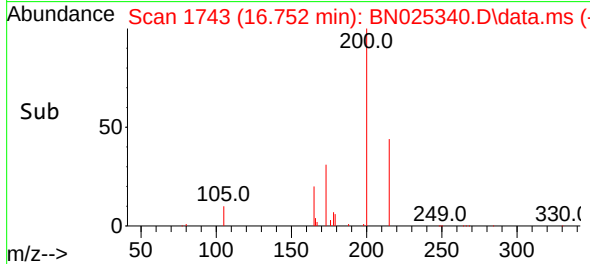
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:200 Resp: 4694
Ion Ratio Lower Upper
200 100
173 34.4 26.3 39.5
215 46.3 37.2 55.8

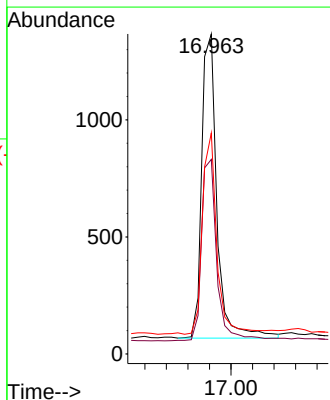
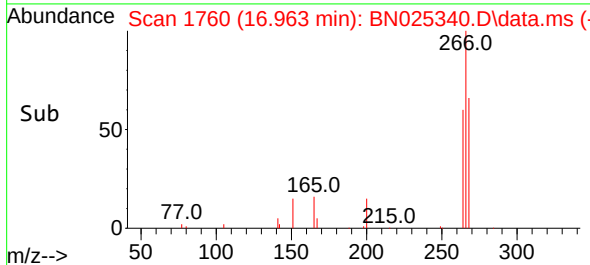
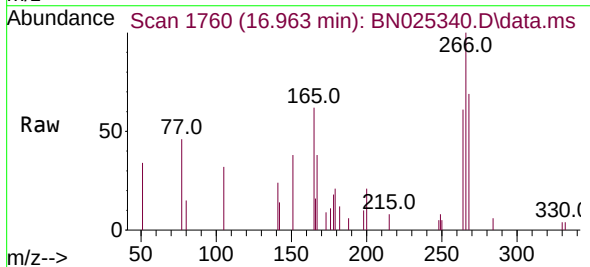
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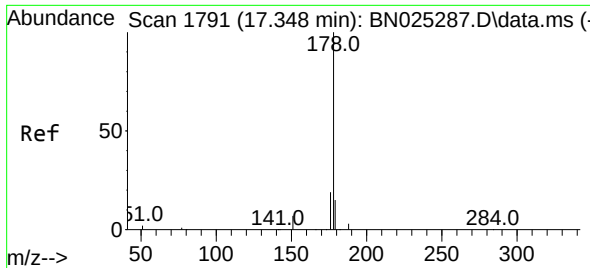
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#24
Pentachlorophenol
Concen: 0.712 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

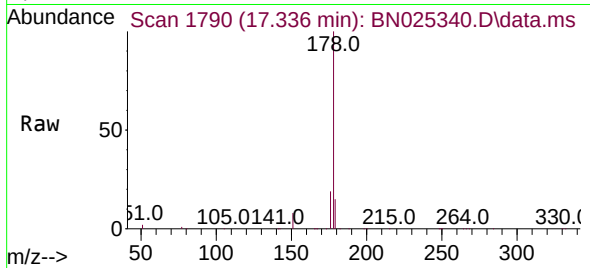
Tgt Ion:266 Resp: 2549
Ion Ratio Lower Upper
266 100
264 60.6 43.0 64.4
268 63.0 47.4 71.2





#25
Phenanthrene
Concen: 2.255 ng
RT: 17.336 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

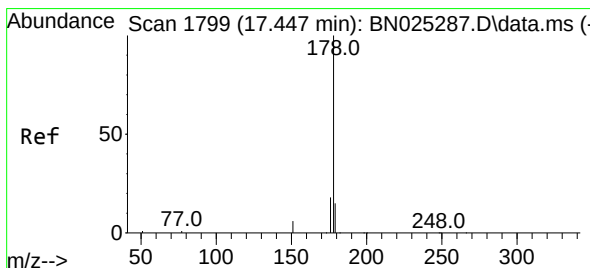
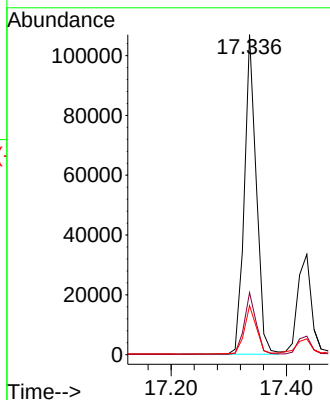
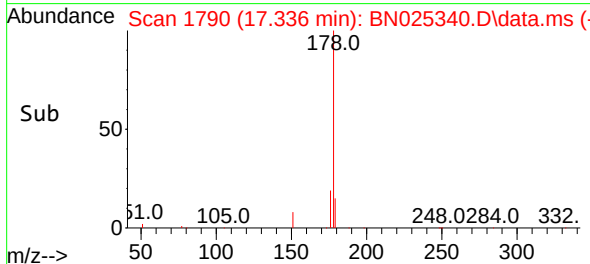
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



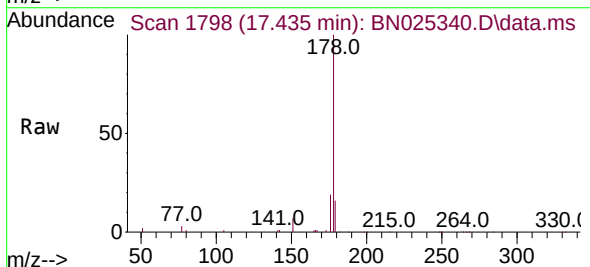
Tgt Ion:178 Resp: 15323
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.4 12.4 18.6

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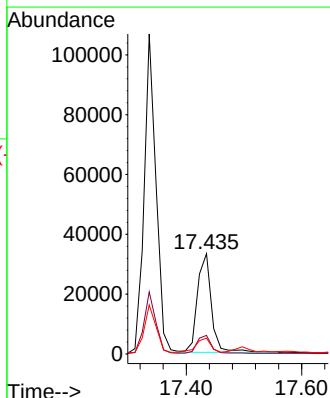
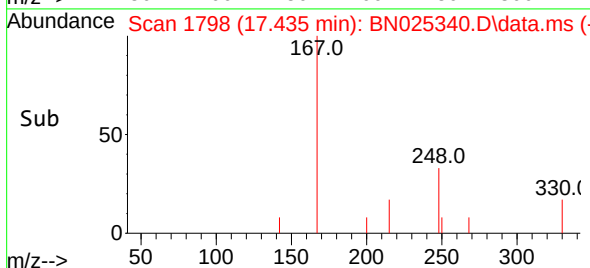
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

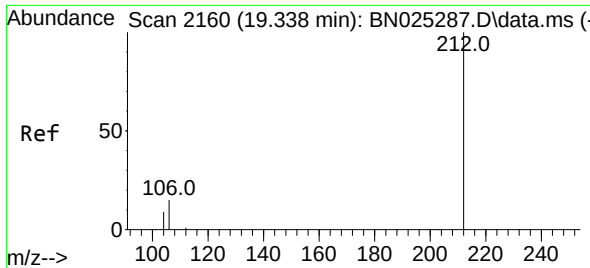


#26
Anthracene
Concen: 0.877 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33



Tgt Ion:178 Resp: 55805
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.9 12.0 18.0





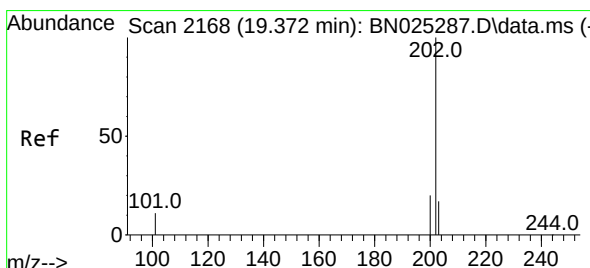
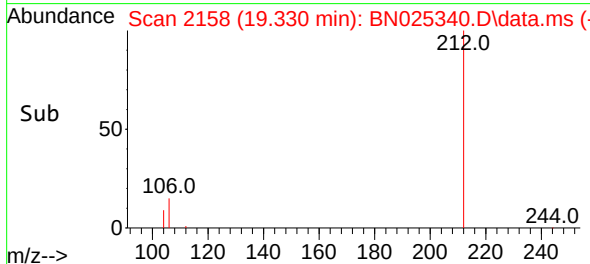
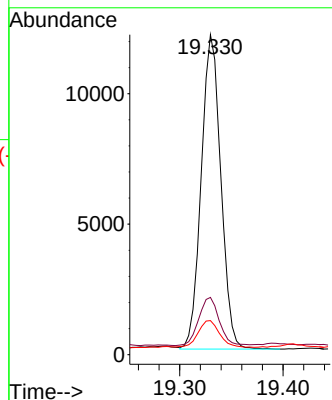
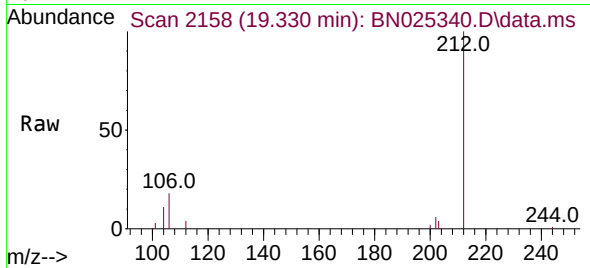
#27
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.330 min Scan# 2158
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

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

Tgt Ion:212 Resp: 15915
Ion Ratio Lower Upper
212 100
106 15.9 12.6 19.0
104 9.5 7.0 10.6

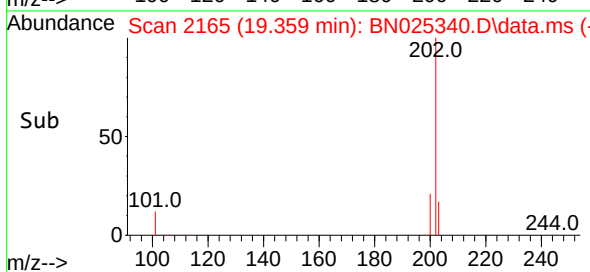
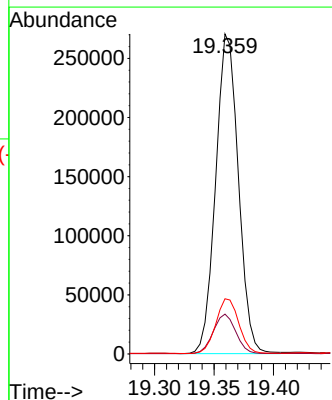
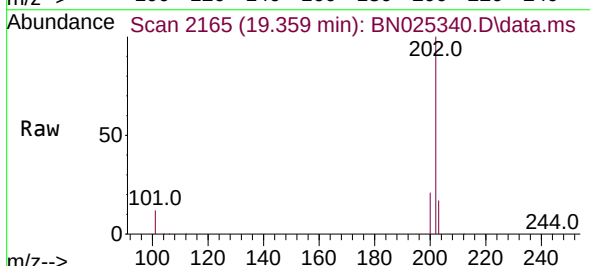
Manual Integrations
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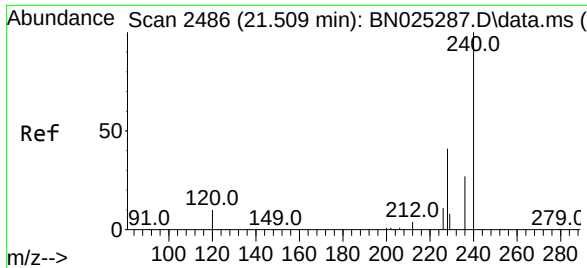
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#28
Fluoranthene
Concen: 4.233 ng
RT: 19.359 min Scan# 2165
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

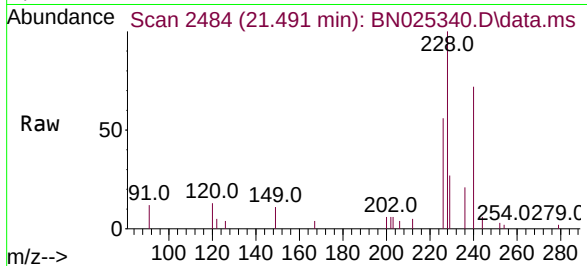
Tgt Ion:202 Resp: 359465
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
203 17.3 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

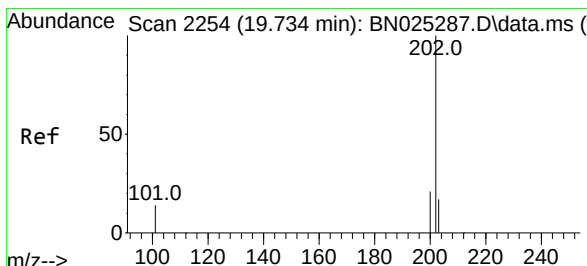
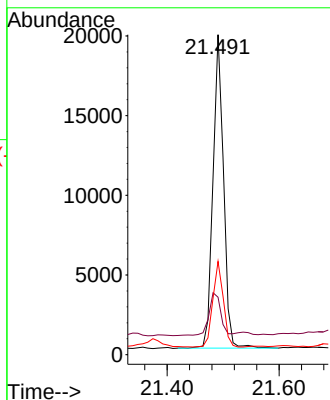
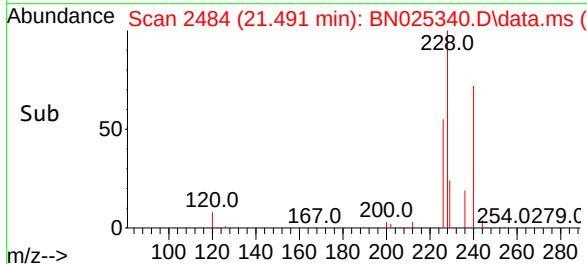
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



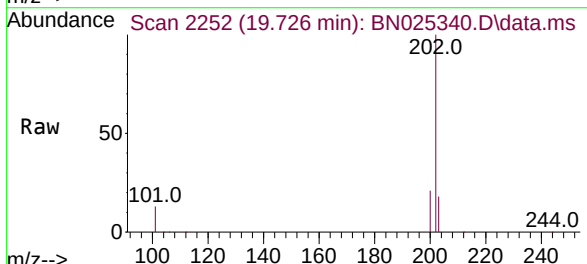
Tgt Ion:240 Resp: 25784
Ion Ratio Lower Upper
240 100
120 17.9 10.3 15.5
236 29.1 22.3 33.5

Manual Integrations
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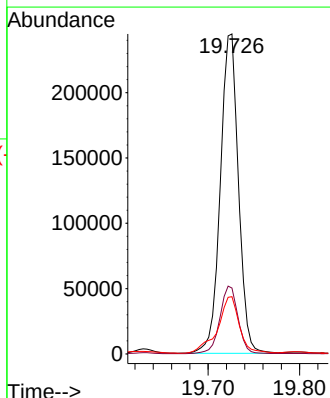
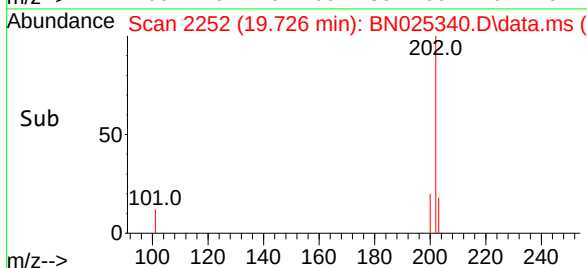
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

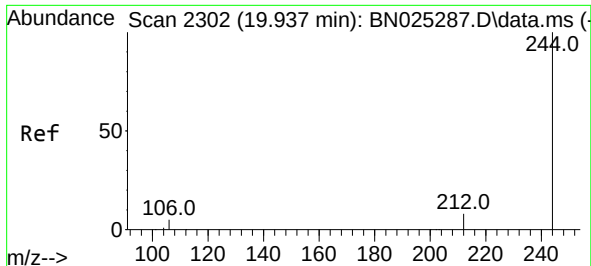


#30
Pyrene
Concen: 3.804 ng
RT: 19.726 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33



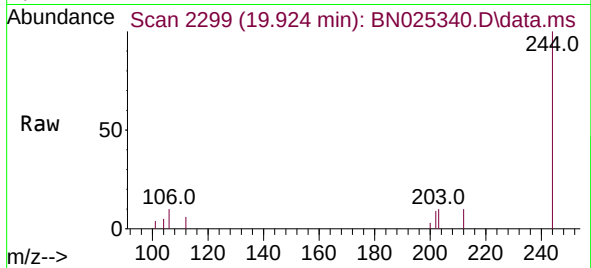
Tgt Ion:202 Resp: 335284
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 21.1 14.4 21.6





#31
Terphenyl-d14
Concen: 0.234 ng
RT: 19.924 min Scan# 211
Delta R.T. -0.004 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

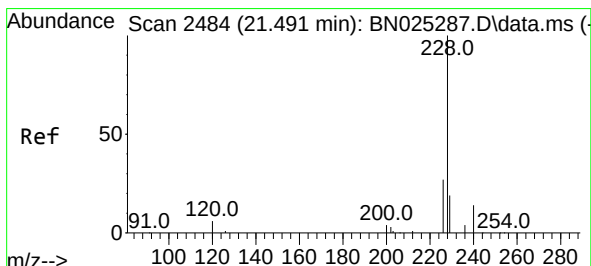
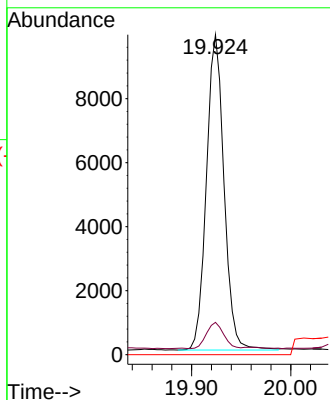
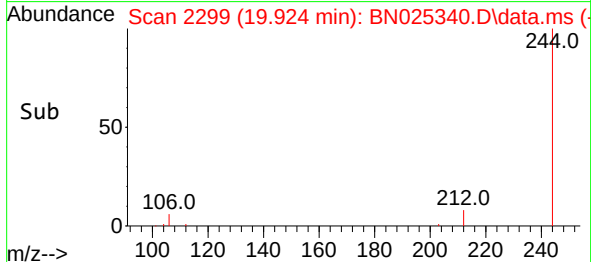
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:244 Resp: 12160
Ion Ratio Lower Upper
244 100
212 10.1 7.1 10.7
122 0.0 0.0 0.0

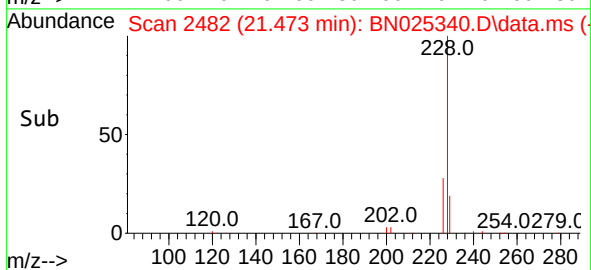
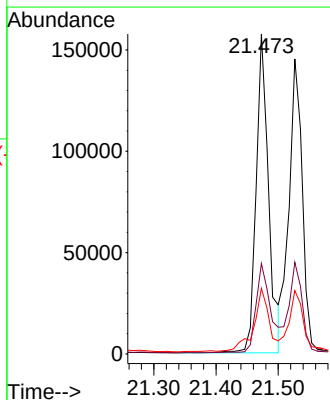
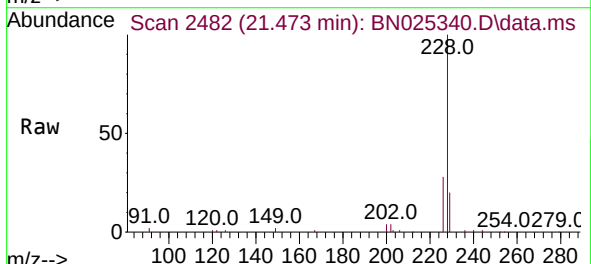
Manual Integrations
APPROVED

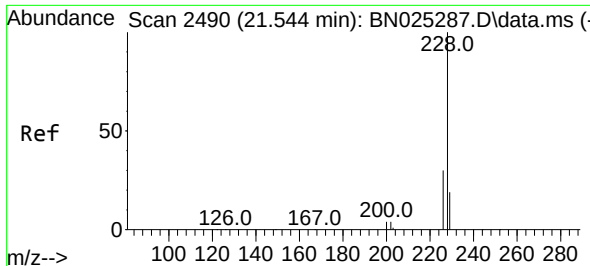
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#32
Benzo(a)anthracene
Concen: 2.512 ng
RT: 21.473 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

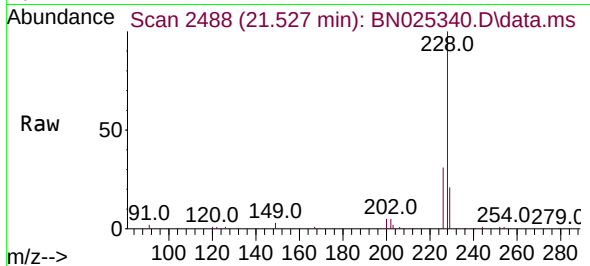
Tgt Ion:228 Resp: 218904
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 20.5 16.2 24.2





#33
Chrysene
Concen: 2.483 ng
RT: 21.527 min Scan# 2488
Delta R.T. -0.009 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

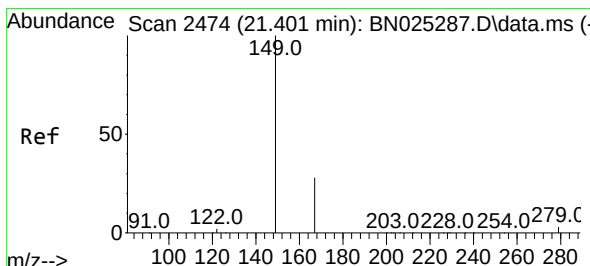
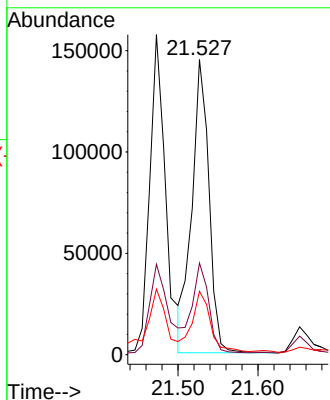
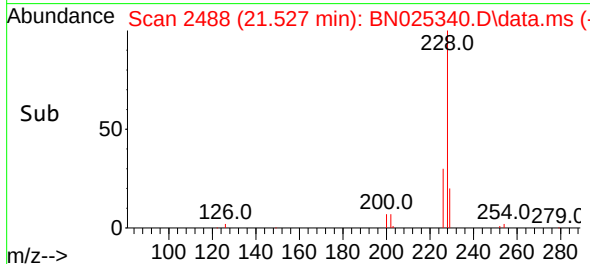
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



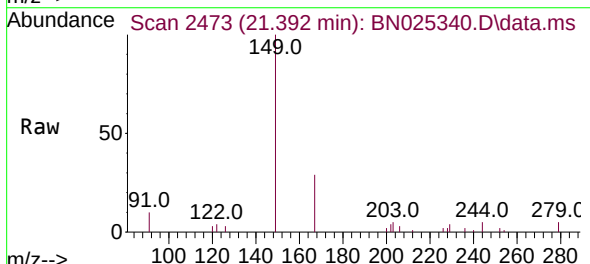
Tgt Ion:228 Resp: 215408
Ion Ratio Lower Upper
228 100
226 31.1 24.6 36.8
229 21.5 16.2 24.4

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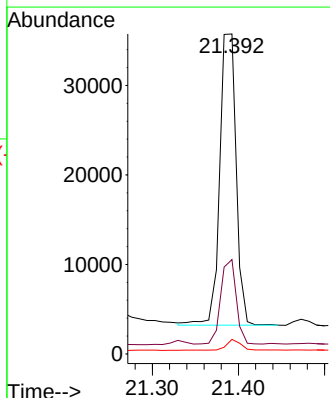
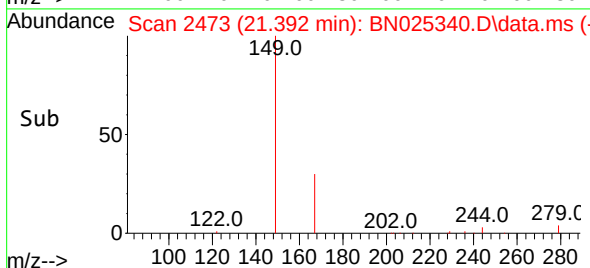
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

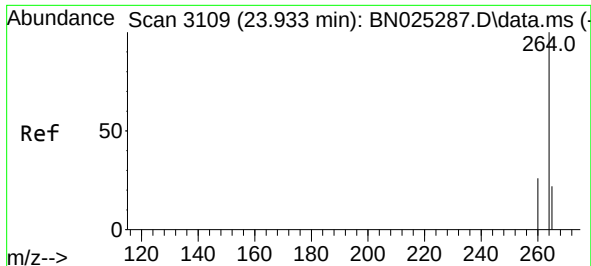


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.627 ng
RT: 21.392 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33



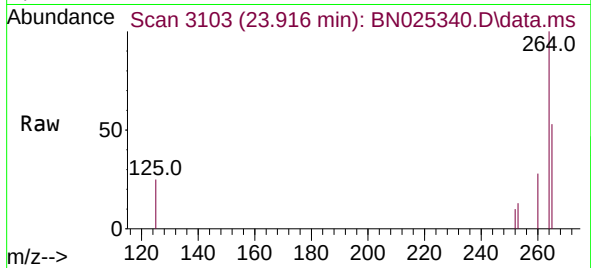
Tgt Ion:149 Resp: 42909
Ion Ratio Lower Upper
149 100
167 27.5 22.2 33.4
279 3.1 2.6 4.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.916 min Scan# 3109
Delta R.T. -0.015 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

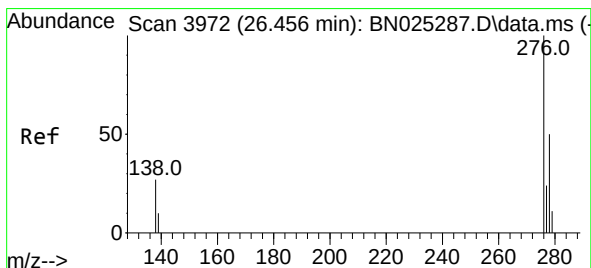
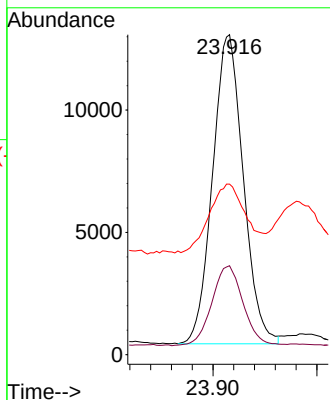
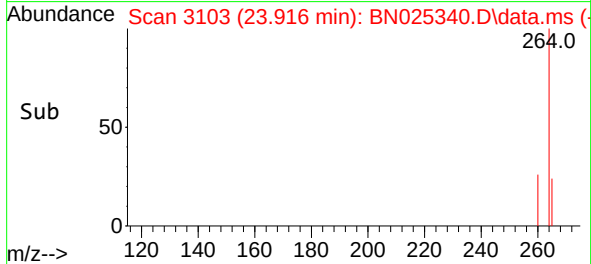
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:264 Resp: 2591
Ion Ratio Lower Upper
264 100
260 27.8 21.5 32.3
265 53.3 46.2 69.4

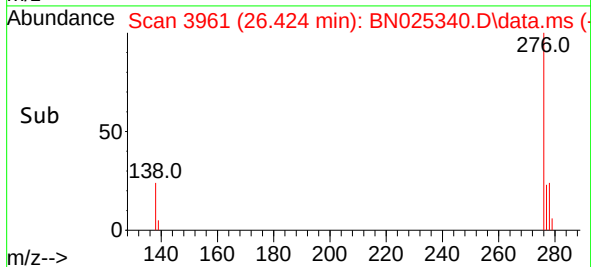
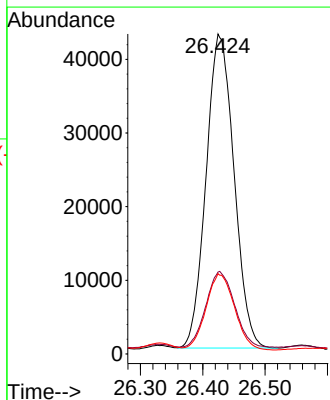
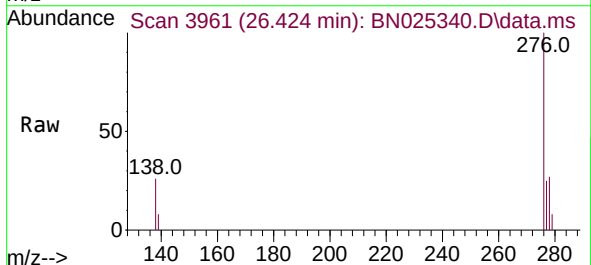
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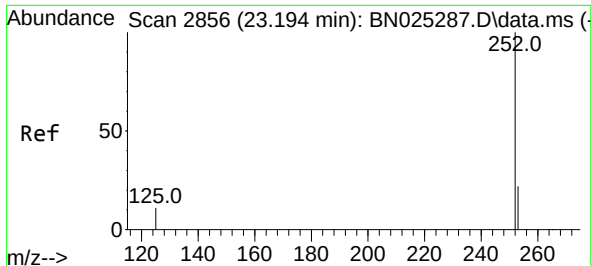
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#36
Indeno(1,2,3-cd)pyrene
Concen: 1.278 ng
RT: 26.424 min Scan# 3961
Delta R.T. -0.023 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

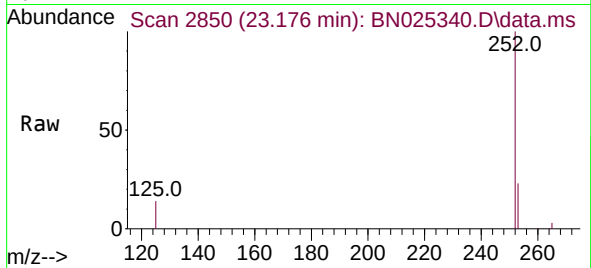
Tgt Ion:276 Resp: 132787
Ion Ratio Lower Upper
276 100
138 24.5 22.5 33.7
277 24.8 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 3.352 ng
RT: 23.176 min Scan# 2850
Delta R.T. -0.012 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

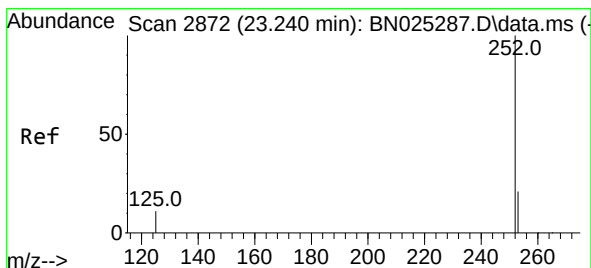
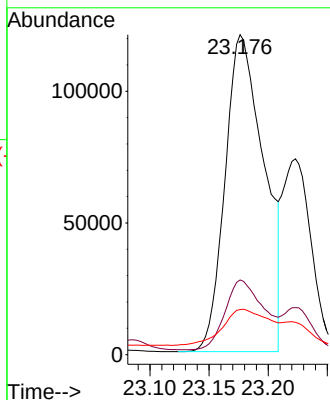
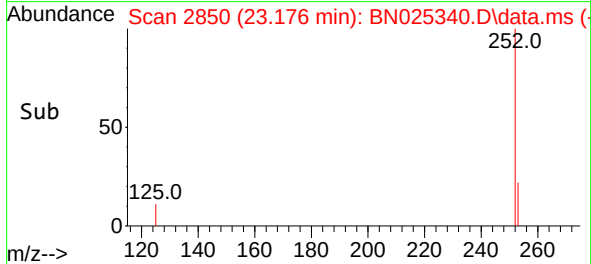
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:252 Resp: 27532
Ion Ratio Lower Upper
252 100
253 23.4 20.8 31.2
125 14.1 13.4 20.2

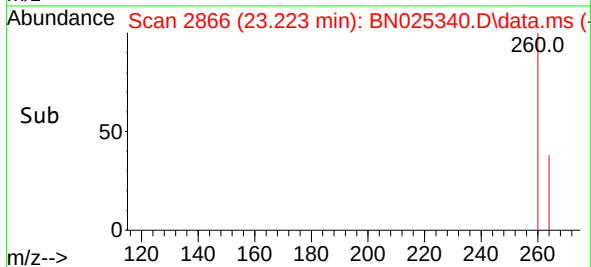
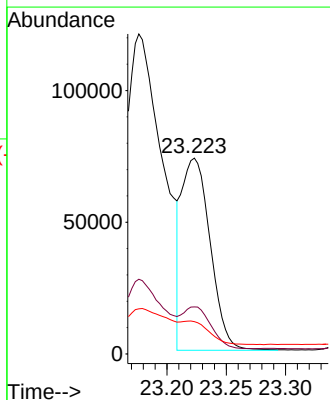
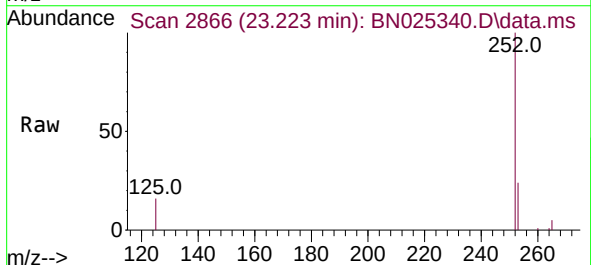
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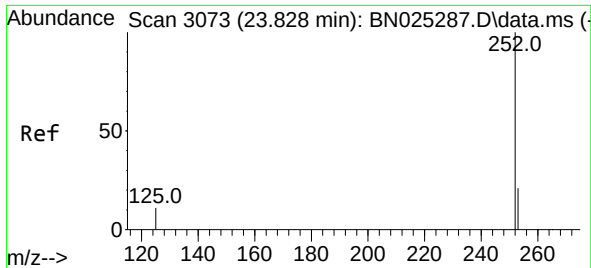
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#38
Benzo(k)fluoranthene
Concen: 1.421 ng m
RT: 23.223 min Scan# 2866
Delta R.T. -0.015 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

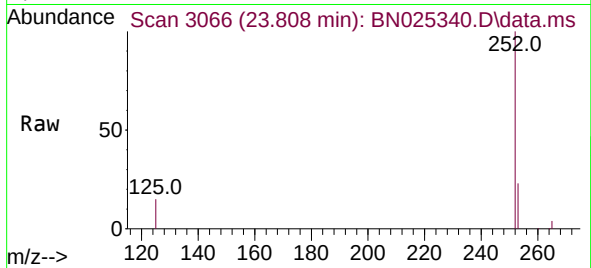
Tgt Ion:252 Resp: 122145
Ion Ratio Lower Upper
252 100
253 24.0 20.6 30.8
125 16.5 13.1 19.7





#39
Benzo(a)pyrene
Concen: 2.326 ng m
RT: 23.808 min Scan# 3073
Delta R.T. -0.015 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

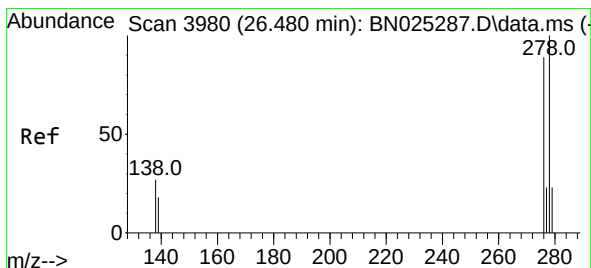
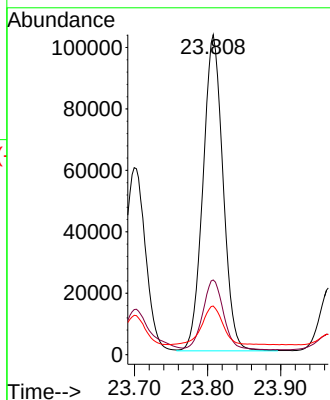
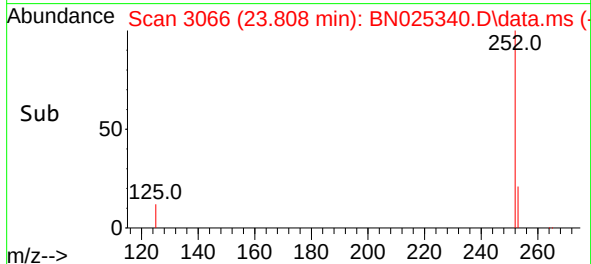
Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD



Tgt Ion:252 Resp: 195725
Ion Ratio Lower Upper
252 100
253 23.3 21.4 32.0
125 15.2 15.4 23.2

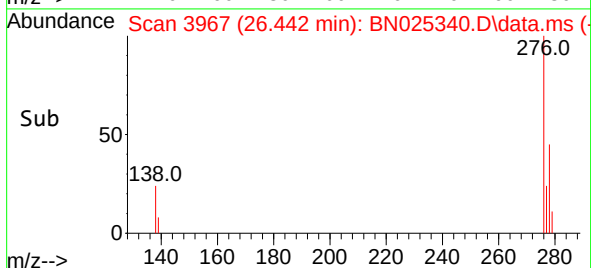
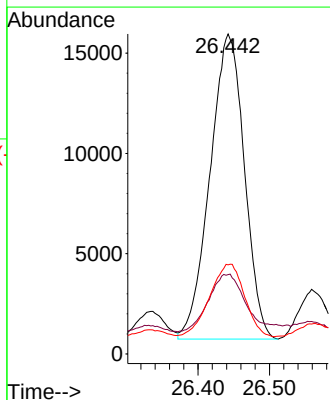
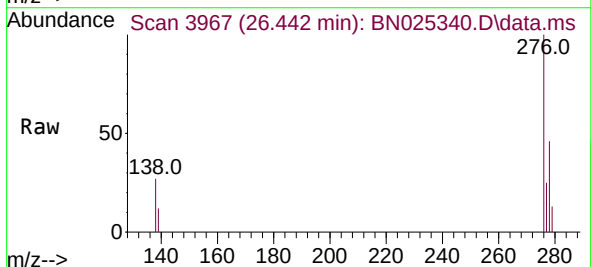
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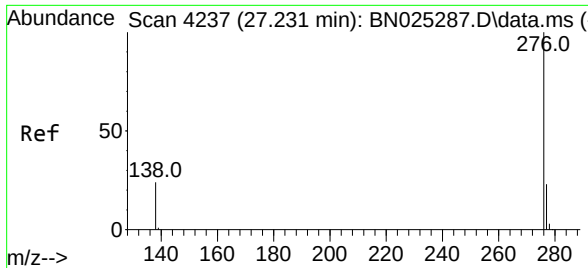
Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.620 ng
RT: 26.442 min Scan# 3967
Delta R.T. -0.023 min
Lab File: BN025340.D
Acq: 08 May 2023 19:33

Tgt Ion:278 Resp: 50829
Ion Ratio Lower Upper
278 100
139 24.8 17.6 26.4
279 27.9 21.6 32.4





#41

Benzo(g,h,i)perylene

Concen: 1.371 ng

RT: 27.208 min Scan# 41

Delta R.T. -0.020 min

Lab File: BN025340.D

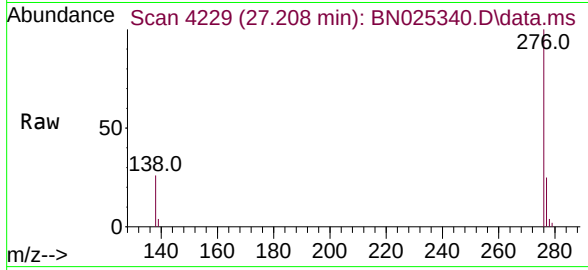
Acq: 08 May 2023 19:33

Instrument :

BNA_N

ClientSampleId :

ZONE-A-3-6-05022023MSD



Tgt Ion:276 Resp: 12348

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 25.6 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/09/2023

Supervised By :Jagrut Upadhyay 05/09/2023

