

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036826.D
 Acq On : 03 Apr 2025 17:14
 Operator : RC/JU
 Sample : PB167430BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 17:39:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2292	0.400	ng	-0.03
7) Naphthalene-d8	10.476	136	5542	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3005	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6134	0.400	ng	-0.03
29) Chrysene-d12	21.276	240	4706	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	2869	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2126	0.398	ng	-0.02
5) Phenol-d6	6.872	99	2512	0.381	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1860	0.309	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3322m	0.403	ng	-0.04
14) 2,4,6-Tribromophenol	15.832	330	477	0.350	ng	-0.03
15) 2-Fluorobiphenyl	12.957	172	6173	0.353	ng	-0.03
27) Fluoranthene-d10	19.117	212	5498	0.350	ng	-0.02
31) Terphenyl-d14	19.721	244	3856	0.342	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.224	88	899	0.354	ng	# 56
3) n-Nitrosodimethylamine	3.528	42	1996	0.388	ng	# 96
6) bis(2-Chloroethyl)ether	7.125	93	2492	0.365	ng	100
9) Naphthalene	10.530	128	5789	0.355	ng	99
10) Hexachlorobutadiene	10.818	225	1352	0.352	ng	# 98
12) 2-Methylnaphthalene	12.146	142	3685	0.355	ng	98
16) Acenaphthylene	14.056	152	5414	0.382	ng	99
17) Acenaphthene	14.398	154	3532	0.380	ng	100
18) Fluorene	15.381	166	4682	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.478	198	460	0.439	ng	# 79
21) 4-Bromophenyl-phenylether	16.279	248	1442	0.375	ng	93
22) Hexachlorobenzene	16.391	284	1672	0.360	ng	98
23) Atrazine	16.552	200	539	0.175	ng	# 90
24) Pentachlorophenol	16.738	266	1402	0.663	ng	97
25) Phenanthrene	17.123	178	7152	0.389	ng	99
26) Anthracene	17.210	178	6515	0.392	ng	99
28) Fluoranthene	19.145	202	8105	0.392	ng	99
30) Pyrene	19.508	202	7989	0.347	ng	100
32) Benzo(a)anthracene	21.259	228	6210	0.379	ng	99
33) Chrysene	21.303	228	7470	0.418	ng	100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3886	0.334	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.779	276	5626	0.543	ng	# 82
37) Benzo(b)fluoranthene	22.841	252	6012	0.576	ng	94
38) Benzo(k)fluoranthene	22.887	252	6564	0.599	ng	# 93
39) Benzo(a)pyrene	23.419	252	4412	0.502	ng	95
40) Dibenzo(a,h)anthracene	25.799	278	4493	0.557	ng	96
41) Benzo(g,h,i)perylene	26.469	276	4427	0.480	ng	100

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

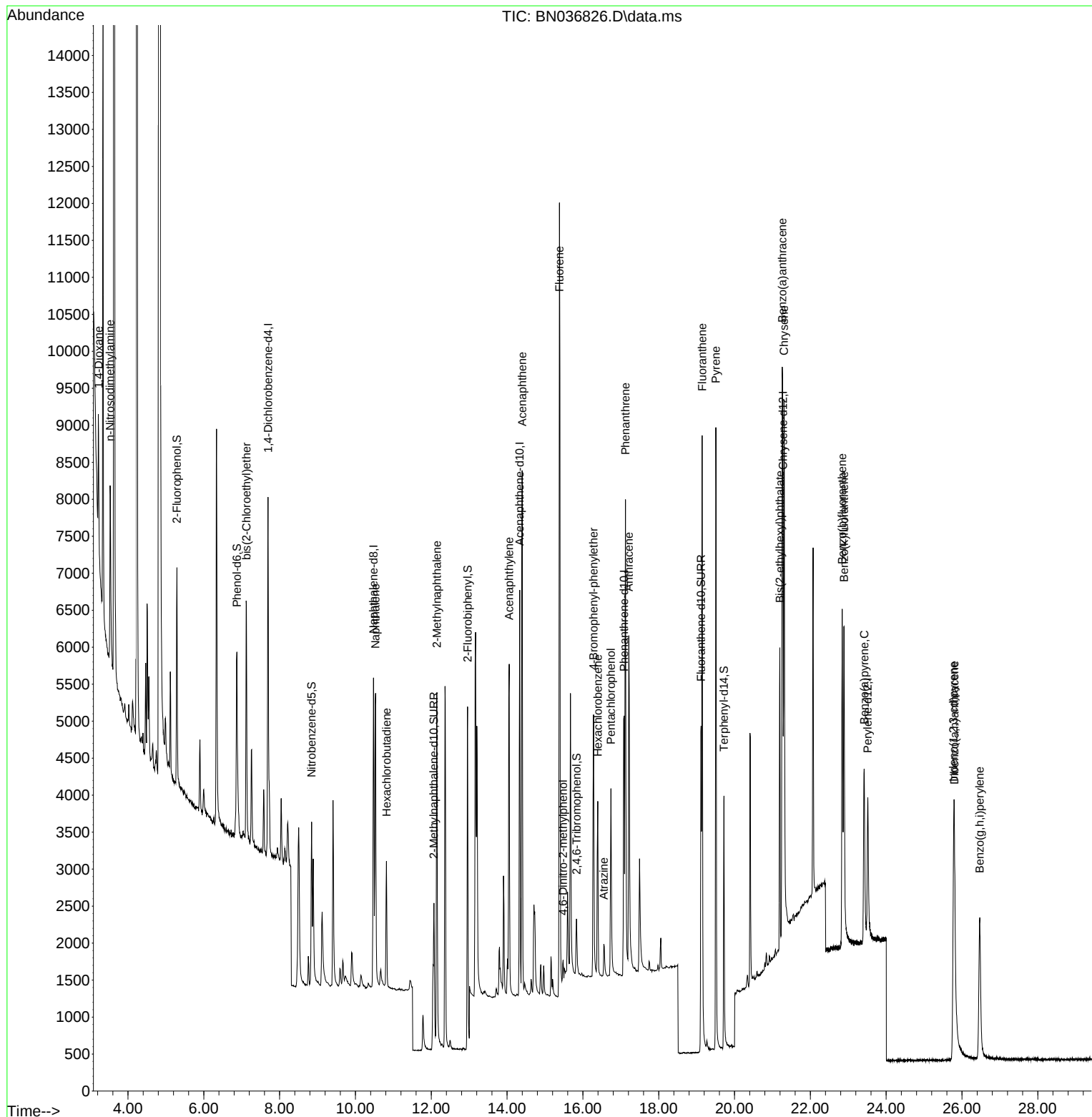
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Data File : BN036826.D
Acq On : 03 Apr 2025 17:14
Operator : RC/JU
Sample : PB167430BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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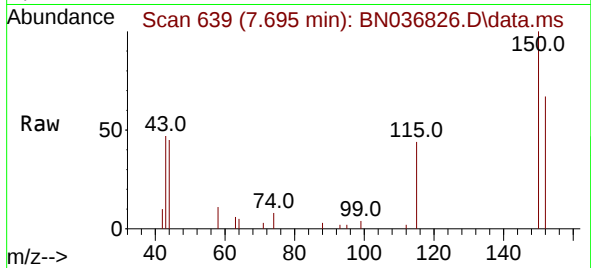
Quant Time: Apr 03 17:39:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

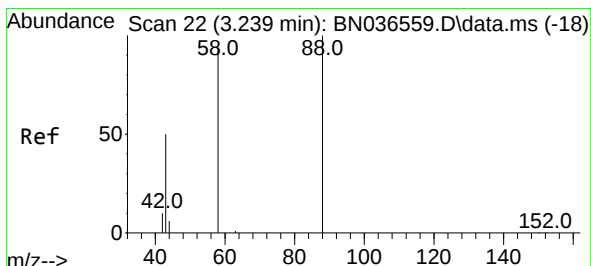
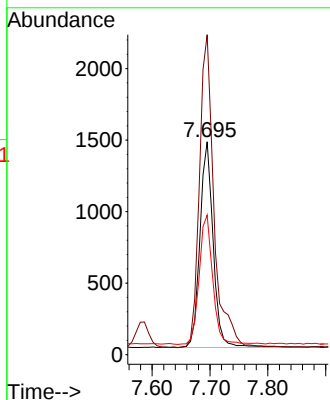
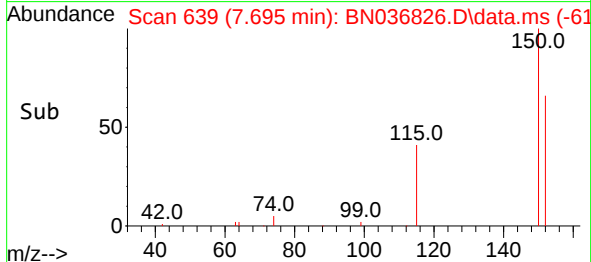
Instrument :
BNA_N
ClientSampleId :
PB167430BS



Tgt Ion:152 Resp: 229
Ion Ratio Lower Upper
152 100
150 150.2 123.7 185.5
115 65.6 54.3 81.5

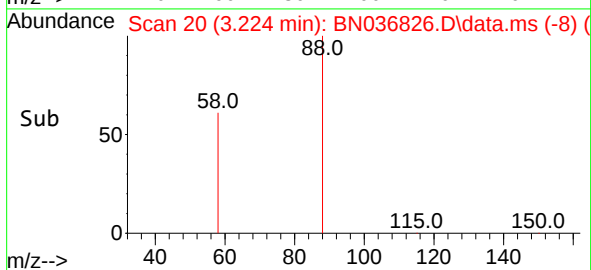
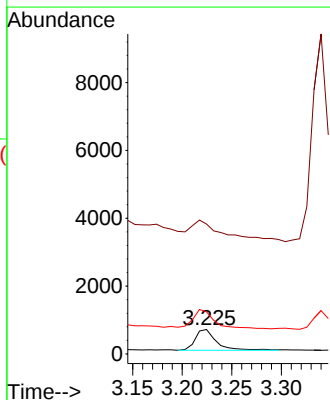
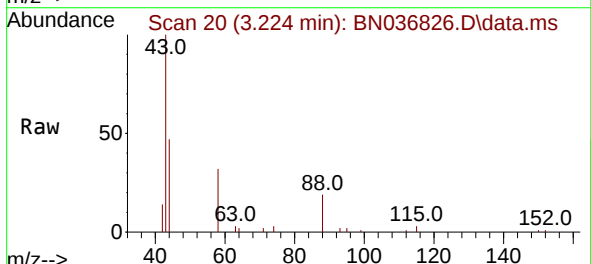
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#2
1,4-Dioxane
Concen: 0.354 ng
RT: 3.224 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

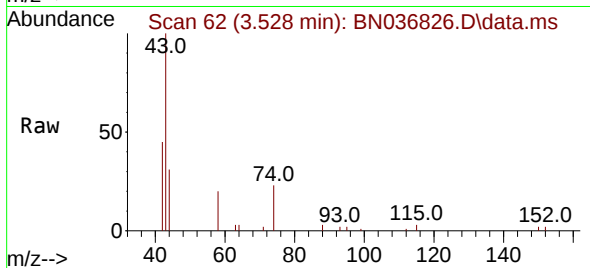
Tgt Ion: 88 Resp: 899
Ion Ratio Lower Upper
88 100
43 115.2 37.8 56.8#
58 94.4 67.4 101.2





#3
n-Nitrosodimethylamine
Concen: 0.388 ng
RT: 3.528 min Scan# 61
Delta R.T. -0.022 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

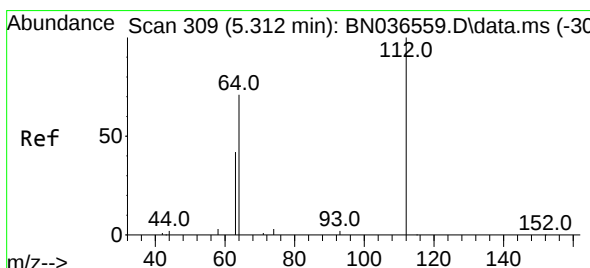
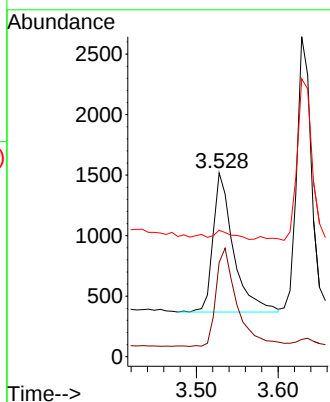
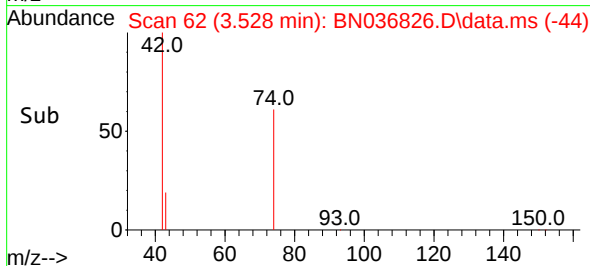
Instrument :
BNA_N
ClientSampleId :
PB167430BS



Tgt Ion: 42 Resp: 1990
Ion Ratio Lower Upper
42 100
74 72.5 60.6 90.8
44 5.5 6.3 9.5

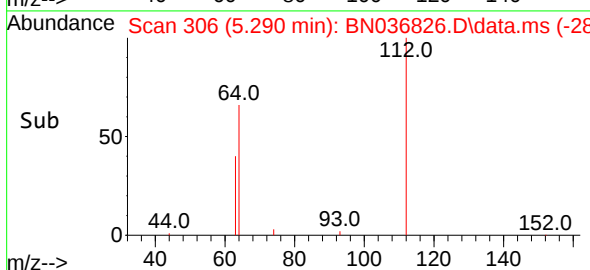
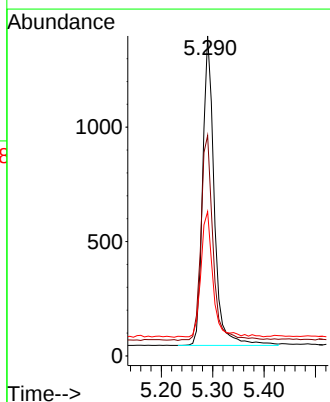
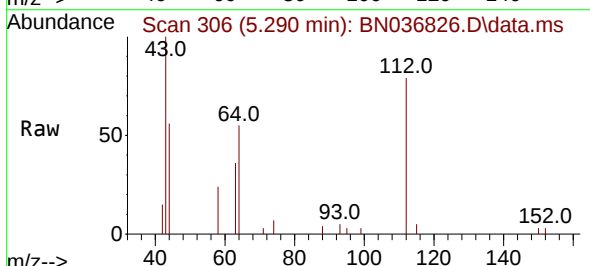
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Supervised By :Jagrut Upadhyay 04/04/2025



#4
2-Fluorophenol
Concen: 0.398 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Tgt Ion:112 Resp: 2126
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 42.3 31.8 47.8





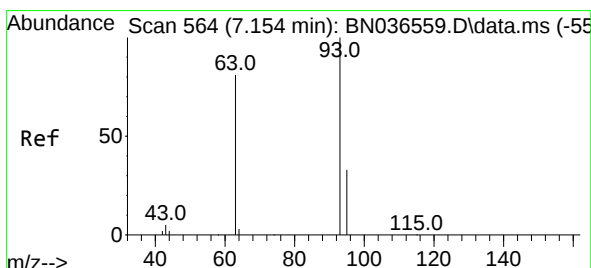
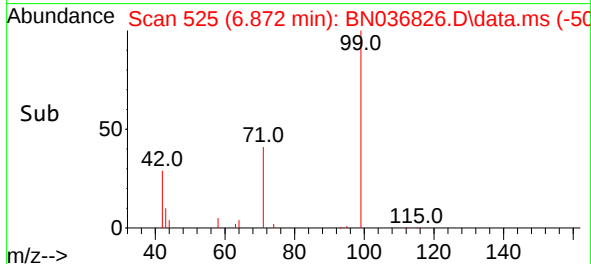
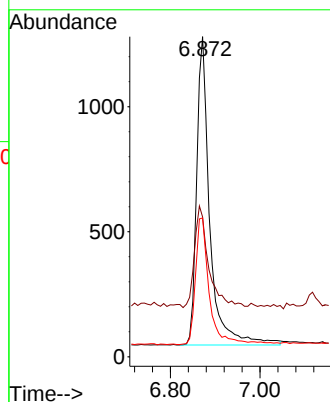
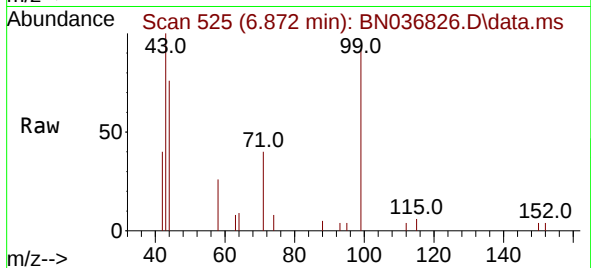
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_N
ClientSampleId :
PB167430BS

Tgt Ion: 99 Resp: 251
Ion Ratio Lower Upper
99 100
42 35.5 26.5 39.7
71 42.1 34.1 51.1

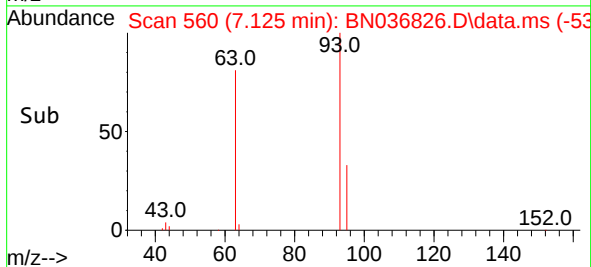
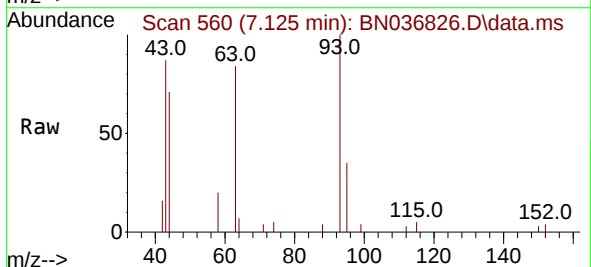
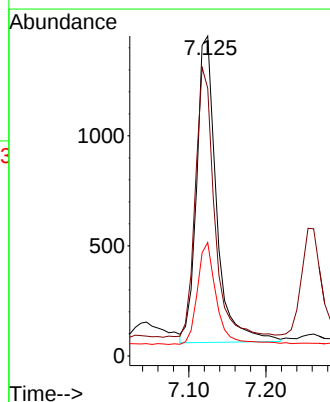
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#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.125 min Scan# 560
Delta R.T. -0.029 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Tgt Ion: 93 Resp: 2492
Ion Ratio Lower Upper
93 100
63 84.5 67.7 101.5
95 32.2 25.6 38.4





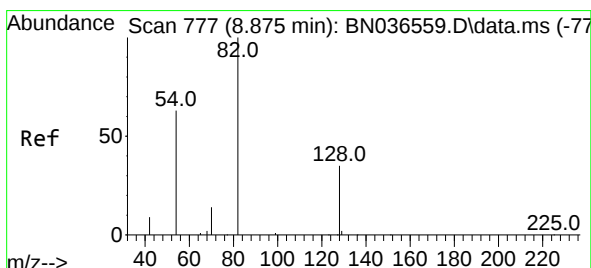
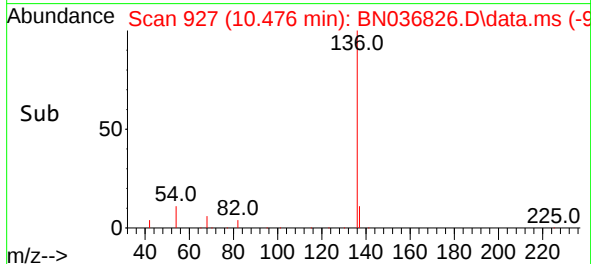
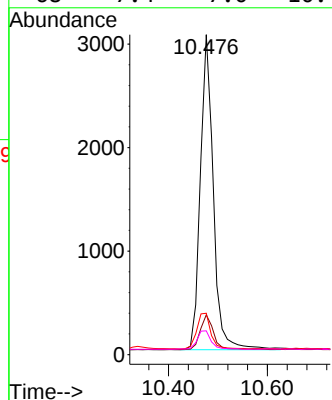
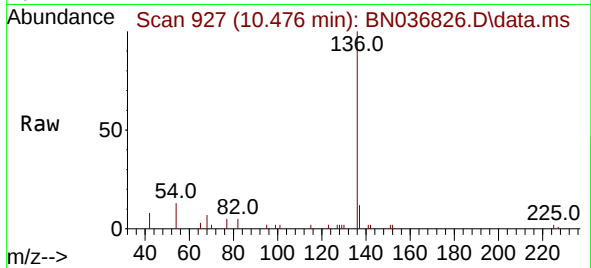
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.476 min Scan# 91
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_N
ClientSampleId :
PB167430BS

Tgt Ion:	136	Resp:	554
Ion Ratio	Lower	Upper	
136	100		
137	12.5	10.3	15.5
54	12.9	11.5	17.3
68	7.4	7.0	10.4

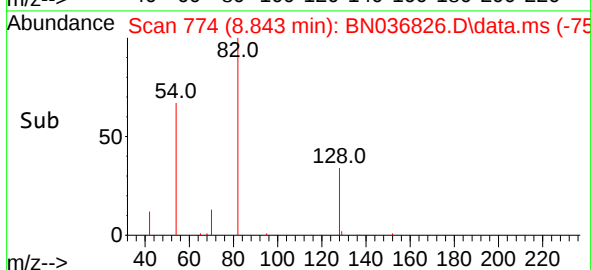
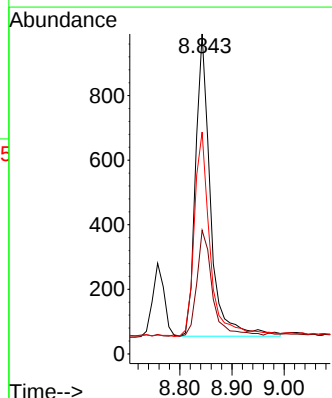
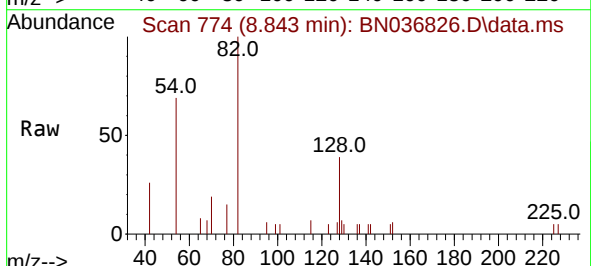
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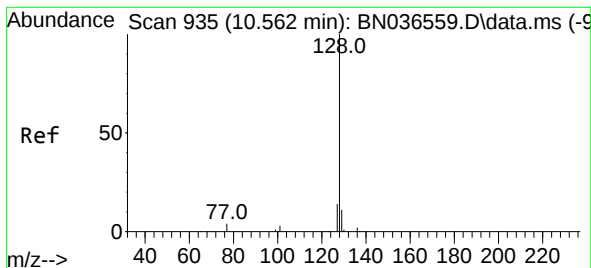
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.843 min Scan# 774
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Tgt Ion:	82	Resp:	1860
Ion Ratio	Lower	Upper	
82	100		
128	38.6	30.6	45.8
54	69.3	52.2	78.4





#9

Naphthalene

Concen: 0.355 ng

RT: 10.530 min Scan# 91

Delta R.T. -0.032 min

Lab File: BN036826.D

Acq: 03 Apr 2025 17:14

Instrument :

BNA_N

ClientSampleId :

PB167430BS

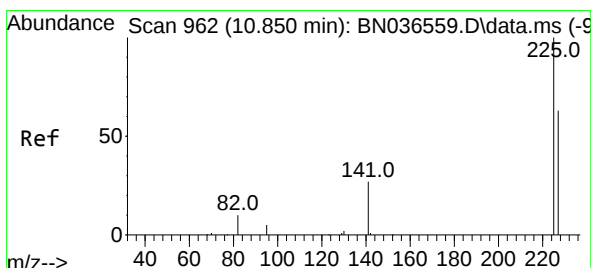
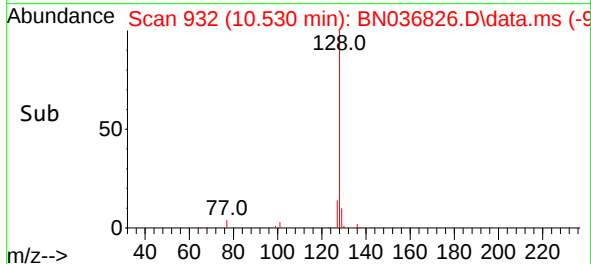
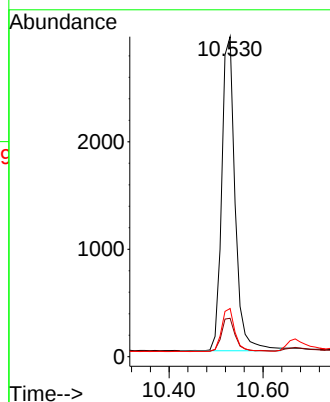
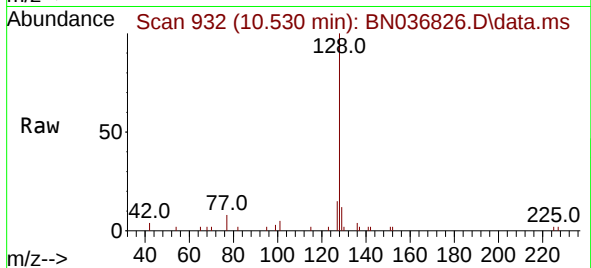
Tgt Ion:	128	Resp:	578
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.8	14.6
127	15.1	11.8	17.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/04/2025



#10

Hexachlorobutadiene

Concen: 0.352 ng

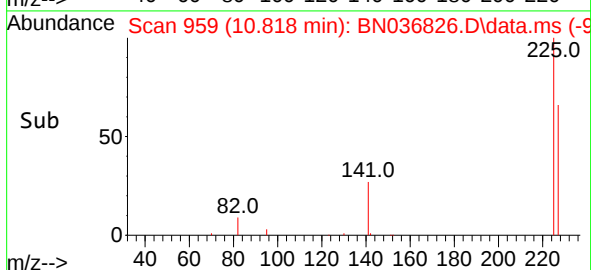
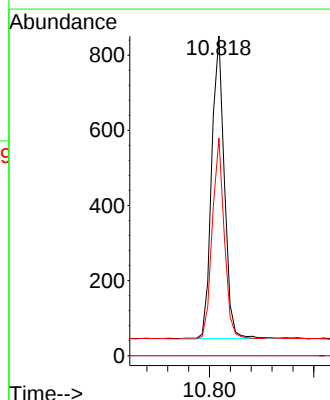
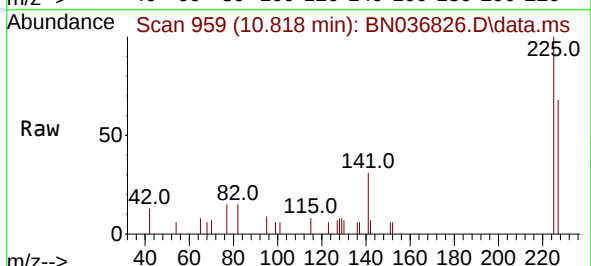
RT: 10.818 min Scan# 959

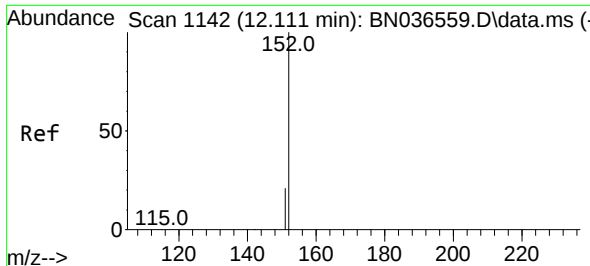
Delta R.T. -0.032 min

Lab File: BN036826.D

Acq: 03 Apr 2025 17:14

Tgt Ion:	225	Resp:	1352
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.9	51.8	77.8





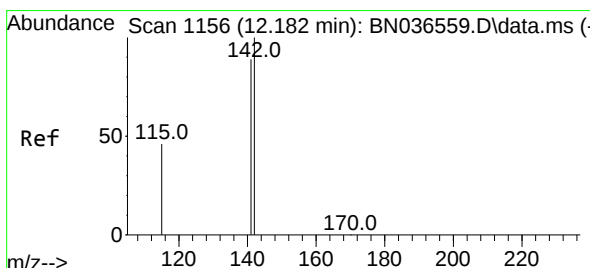
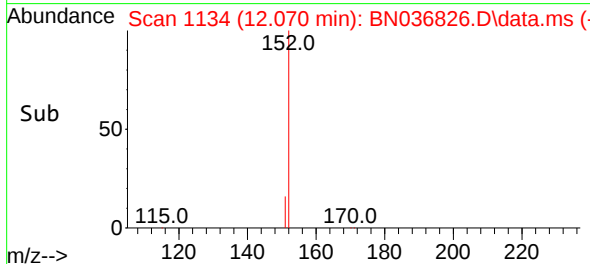
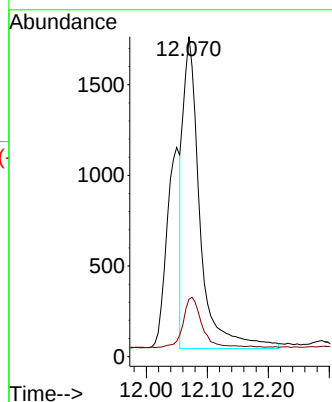
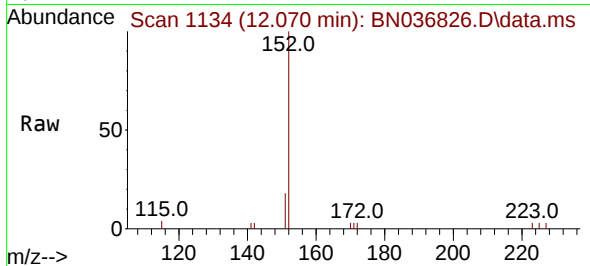
#11
2-Methylnaphthalene-d10
Concen: 0.403 ng m
RT: 12.070 min Scan# 1142
Delta R.T. -0.041 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_N
ClientSampleId :
PB167430BS

Tgt Ion:152 Resp: 332
Ion Ratio Lower Upper
152 100
151 17.9 17.0 25.6

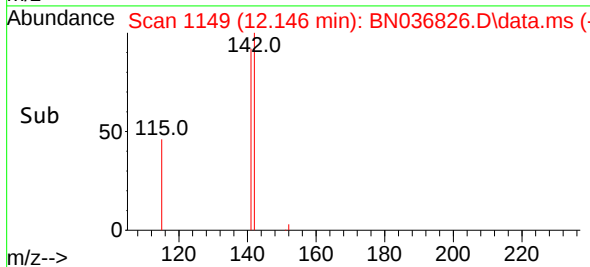
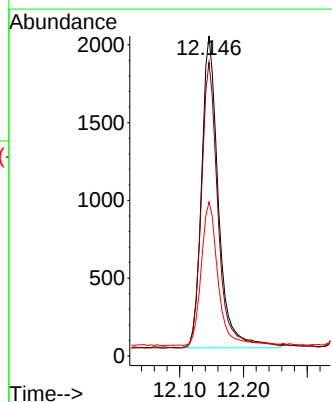
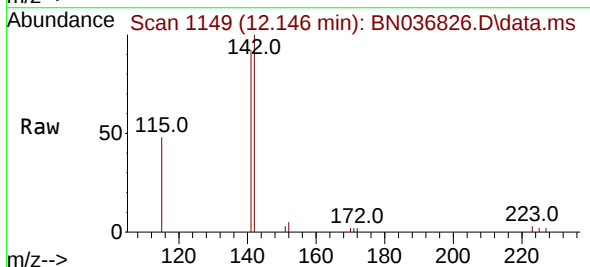
Manual Integrations
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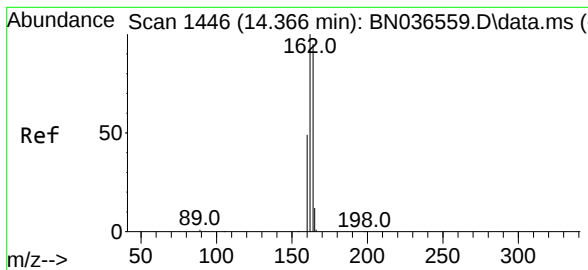
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.146 min Scan# 1149
Delta R.T. -0.036 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

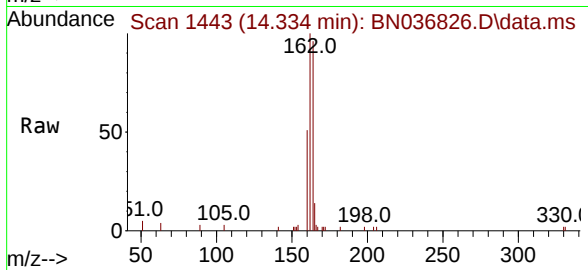
Tgt Ion:142 Resp: 3685
Ion Ratio Lower Upper
142 100
141 91.7 71.7 107.5
115 48.1 38.3 57.5





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

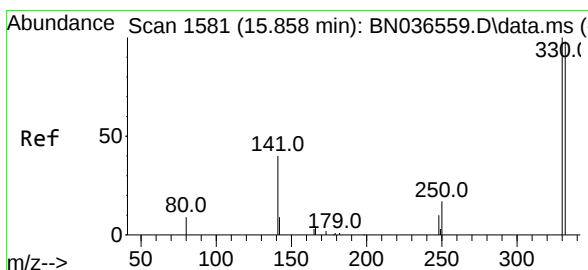
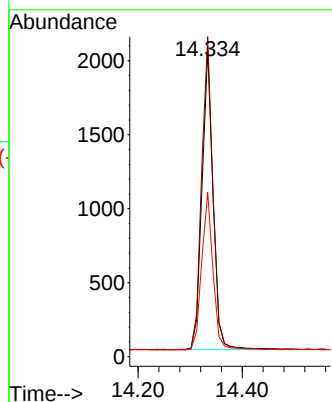
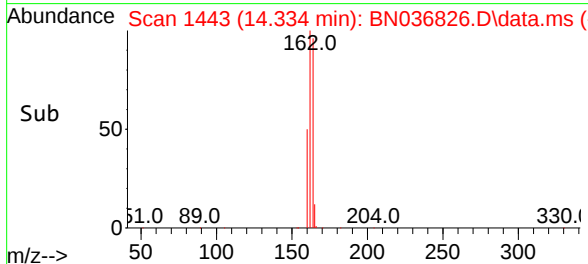
Instrument :
BNA_N
ClientSampleId :
PB167430BS



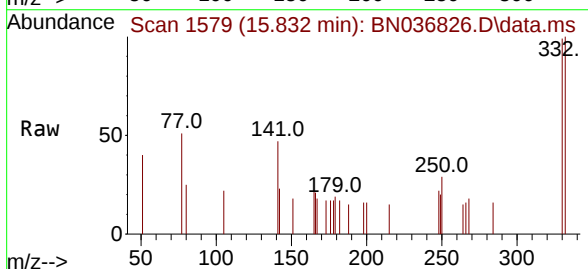
Tgt Ion:164 Resp: 300
Ion Ratio Lower Upper
164 100
162 104.3 84.2 126.2
160 53.6 42.2 63.2

Manual Integrations
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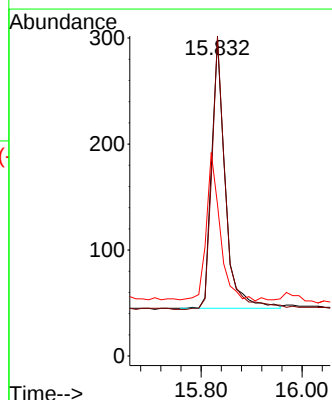
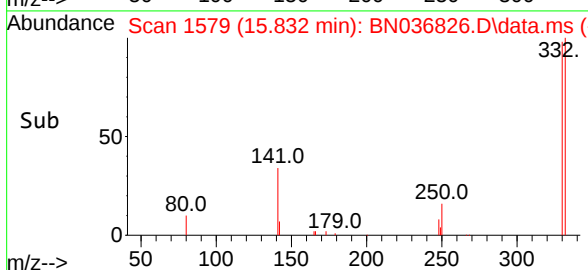
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

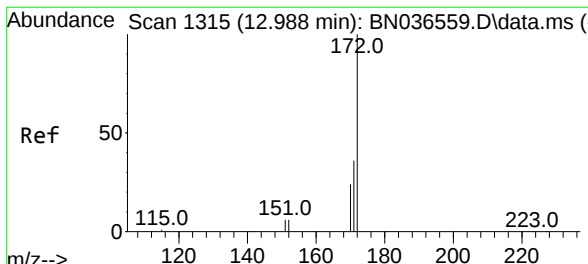


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.832 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



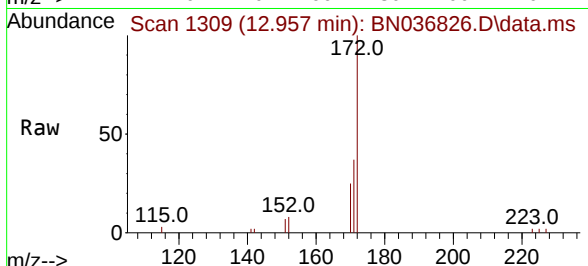
Tgt Ion:330 Resp: 477
Ion Ratio Lower Upper
330 100
332 100.6 75.2 112.8
141 55.8 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 12.957 min Scan# 11
Delta R.T. -0.031 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

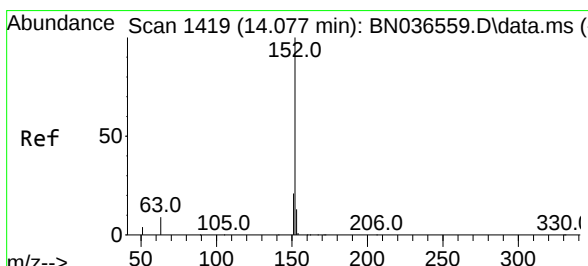
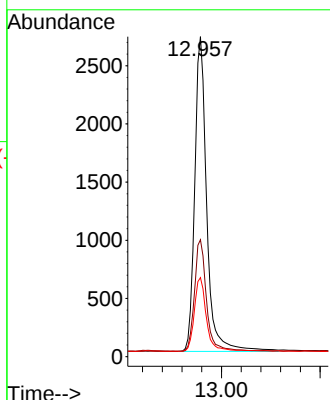
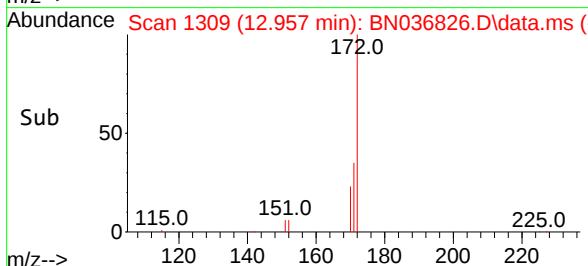
Instrument :
BNA_N
ClientSampleId :
PB167430BS



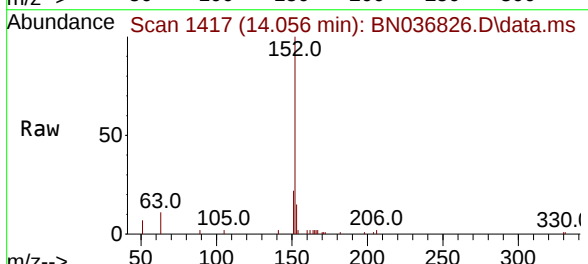
Tgt Ion:172 Resp: 617
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 24.7 20.2 30.4

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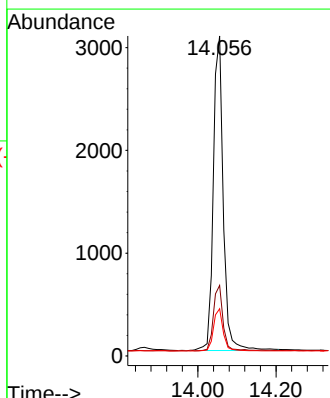
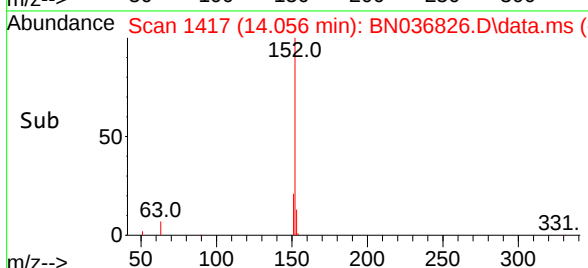
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

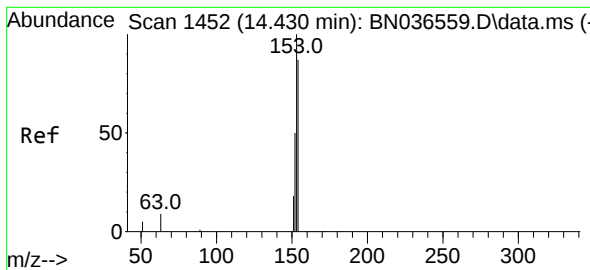


#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.056 min Scan# 1417
Delta R.T. -0.022 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



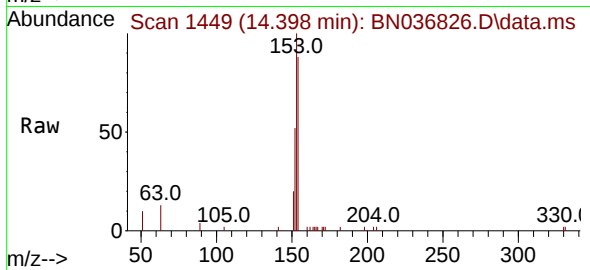
Tgt Ion:152 Resp: 5414
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.6 15.8





#17
Acenaphthene
Concen: 0.380 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

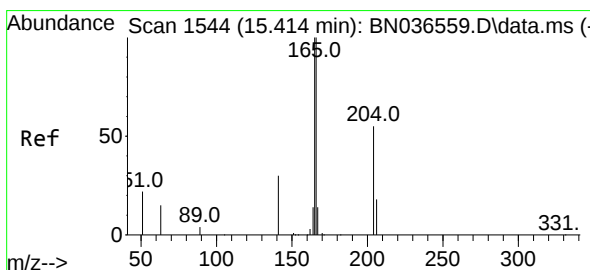
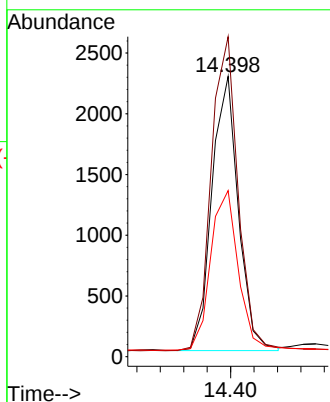
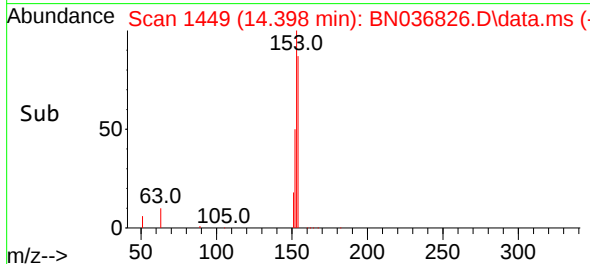
Instrument :
BNA_N
ClientSampleId :
PB167430BS



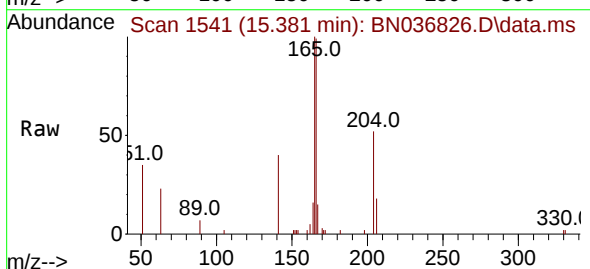
Tgt Ion:154 Resp: 3532
Ion Ratio Lower Upper
154 100
153 117.4 94.1 141.1
152 61.8 49.8 74.6

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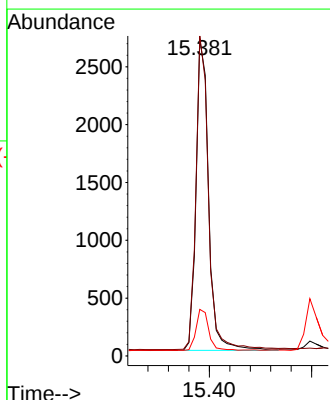
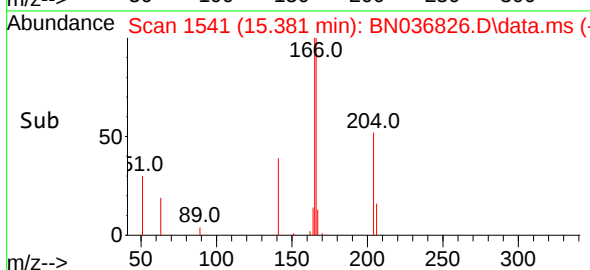
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

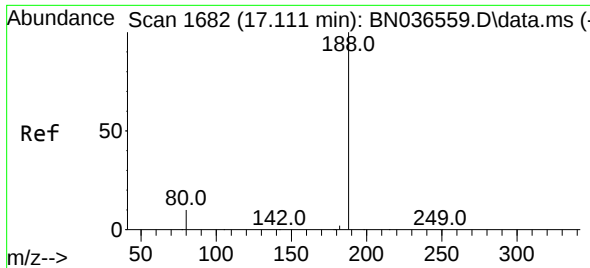


#18
Fluorene
Concen: 0.373 ng
RT: 15.381 min Scan# 1541
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



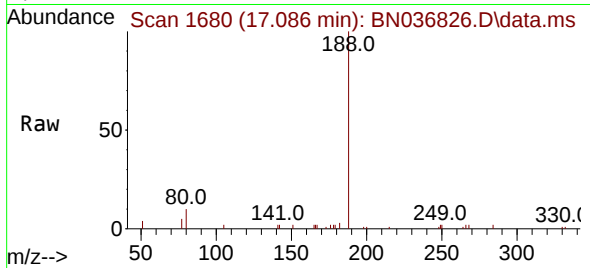
Tgt Ion:166 Resp: 4682
Ion Ratio Lower Upper
166 100
165 100.1 79.8 119.8
167 13.1 10.6 15.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

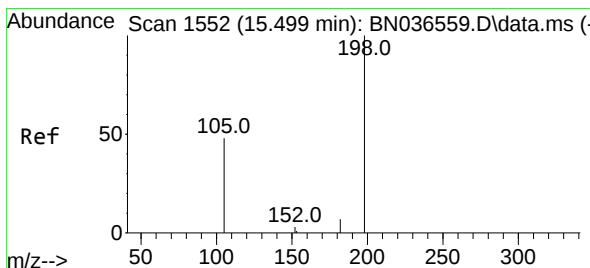
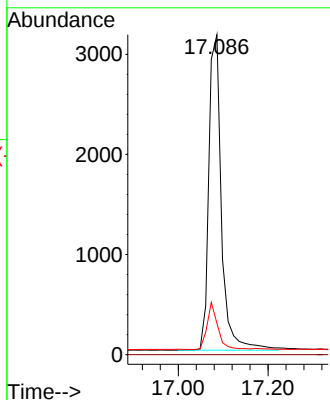
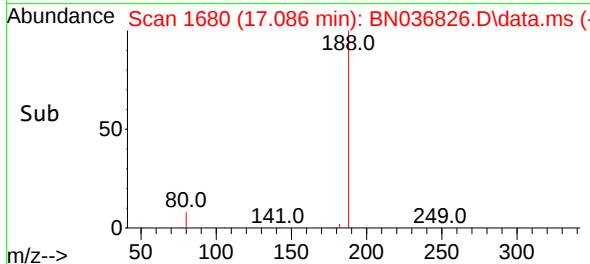
Instrument :
BNA_N
ClientSampleId :
PB167430BS



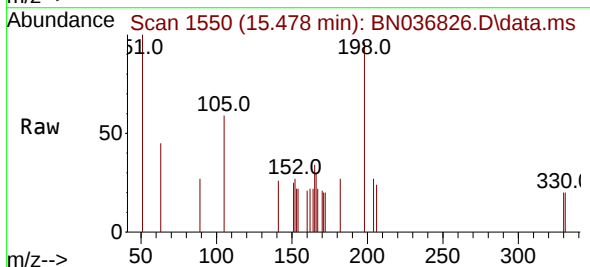
Tgt Ion:188 Resp: 6134
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 8.8 13.2

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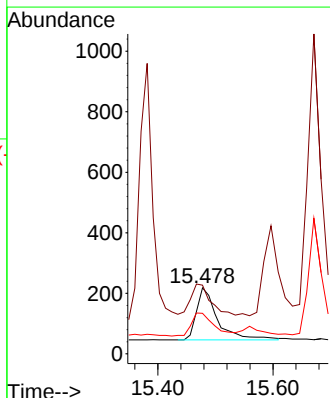
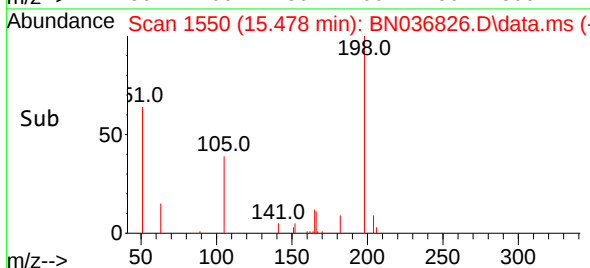
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

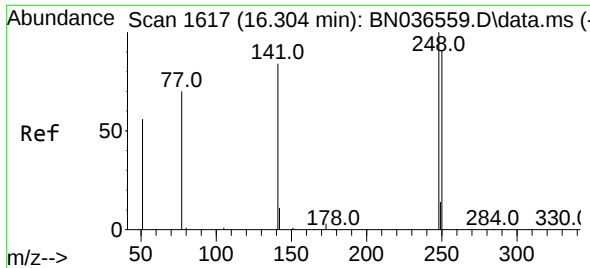


#20
4,6-Dinitro-2-methylphenol
Concen: 0.439 ng
RT: 15.478 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



Tgt Ion:198 Resp: 460
Ion Ratio Lower Upper
198 100
51 104.1 107.9 161.9#
105 61.5 56.2 84.2





#21
4-Bromophenyl-phenylether
Concen: 0.375 ng
RT: 16.279 min Scan# 1615
Delta R.T. -0.025 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :

BNA_N

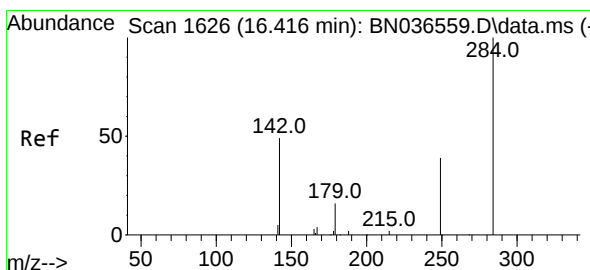
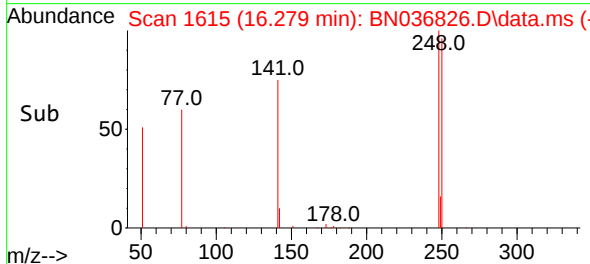
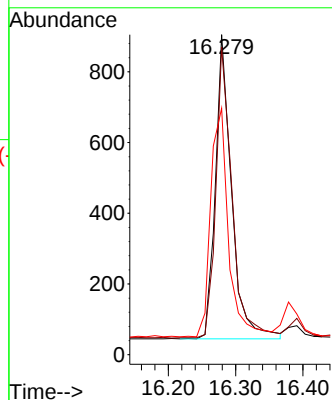
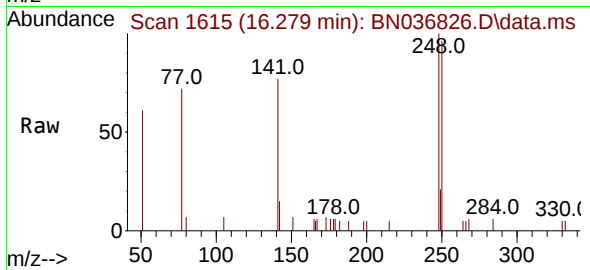
ClientSampleId :

PB167430BS

Tgt Ion:248 Resp: 144
Ion Ratio Lower Upper
248 100
250 96.1 73.0 109.6
141 77.0 68.6 103.0

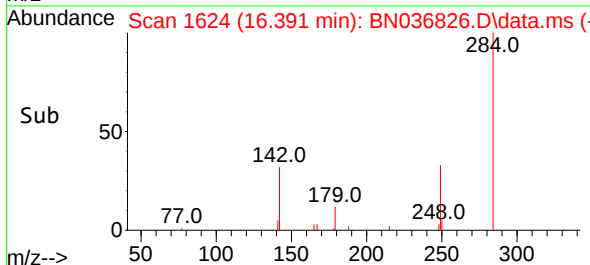
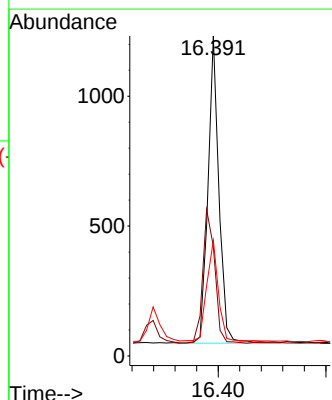
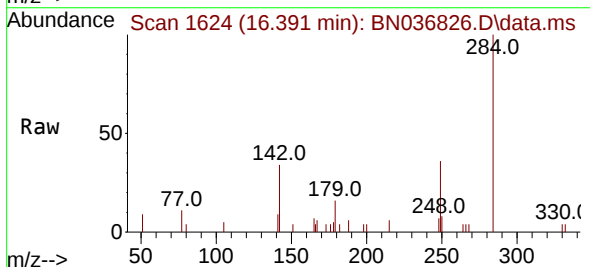
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Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.391 min Scan# 1624
Delta R.T. -0.025 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

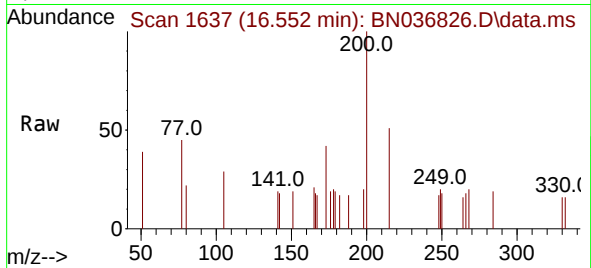
Tgt Ion:284 Resp: 1672
Ion Ratio Lower Upper
284 100
142 47.3 37.0 55.4
249 35.9 28.1 42.1





#23
Atrazine
Concen: 0.175 ng
RT: 16.552 min Scan# 1637
Delta R.T. -0.025 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

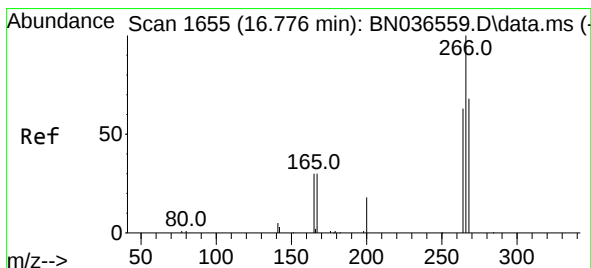
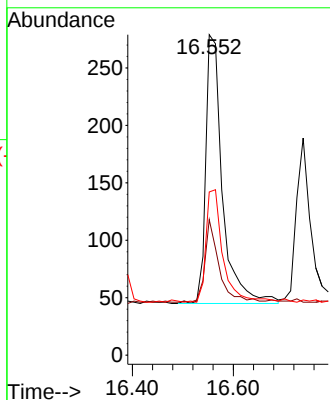
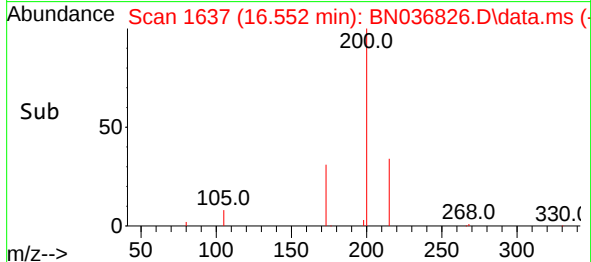
Instrument :
BNA_N
ClientSampleId :
PB167430BS



Tgt Ion:200 Resp: 539
Ion Ratio Lower Upper
200 100
173 42.3 27.3 40.9
215 50.9 36.8 55.2

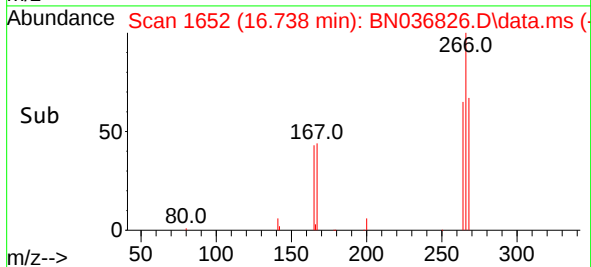
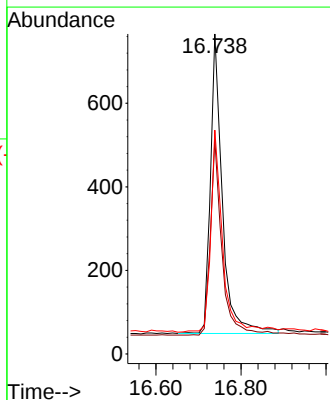
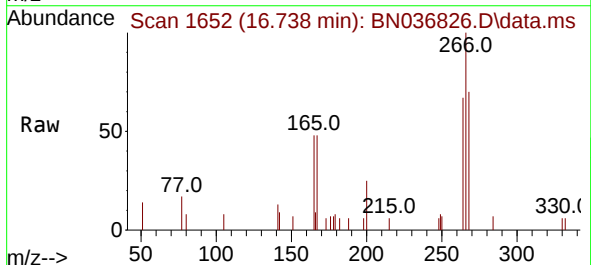
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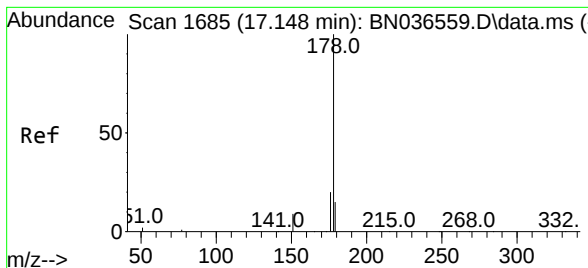
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#24
Pentachlorophenol
Concen: 0.663 ng
RT: 16.738 min Scan# 1652
Delta R.T. -0.038 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Tgt Ion:266 Resp: 1402
Ion Ratio Lower Upper
266 100
264 63.2 49.6 74.4
268 67.1 50.9 76.3





#25

Phenanthrene

Concen: 0.389 ng

RT: 17.123 min Scan# 1683

Delta R.T. -0.025 min

Lab File: BN036826.D

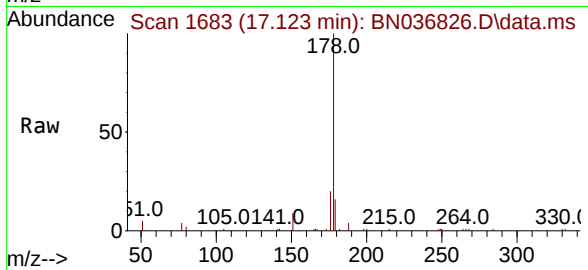
Acq: 03 Apr 2025 17:14

Instrument :

BNA_N

ClientSampleId :

PB167430BS



Tgt Ion:178 Resp: 7152

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

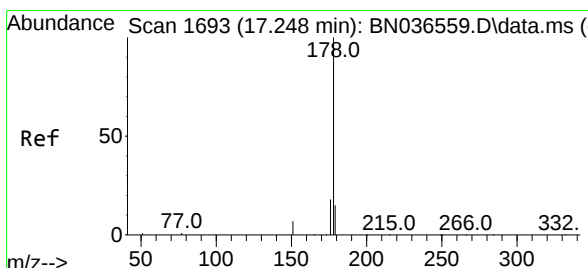
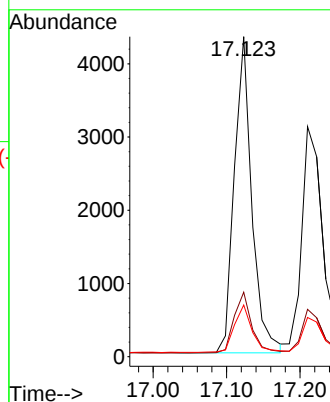
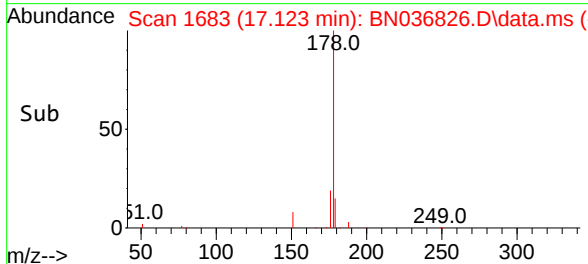
179 15.6 12.2 18.4

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Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#26

Anthracene

Concen: 0.392 ng

RT: 17.210 min Scan# 1690

Delta R.T. -0.038 min

Lab File: BN036826.D

Acq: 03 Apr 2025 17:14

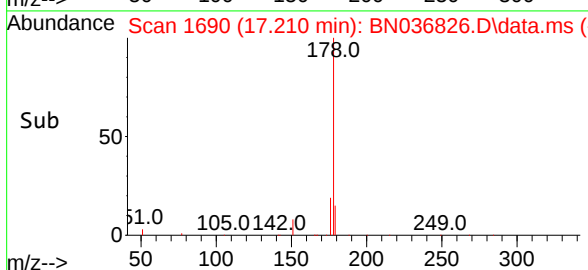
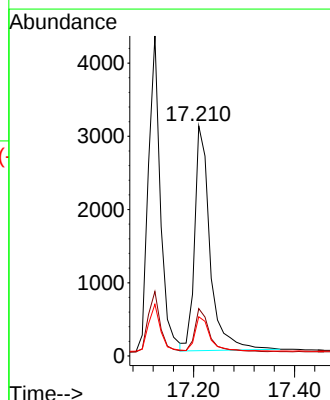
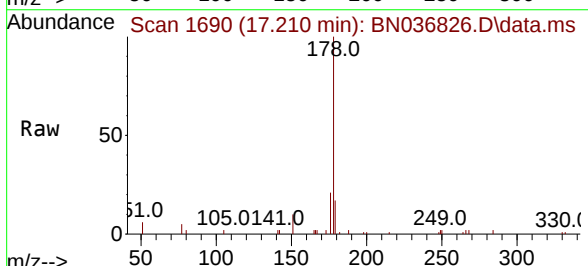
Tgt Ion:178 Resp: 6515

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

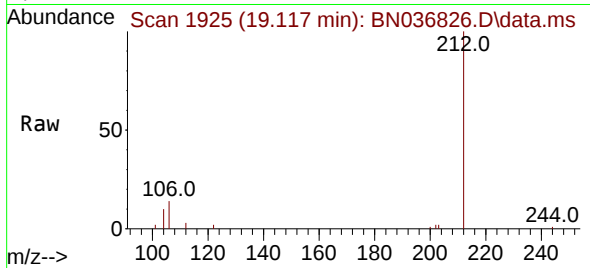
179 15.4 12.6 18.8





#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.117 min Scan# 1910
Delta R.T. -0.024 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

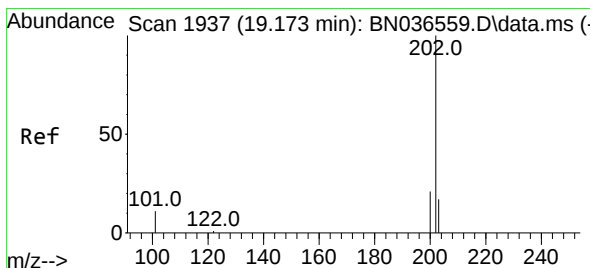
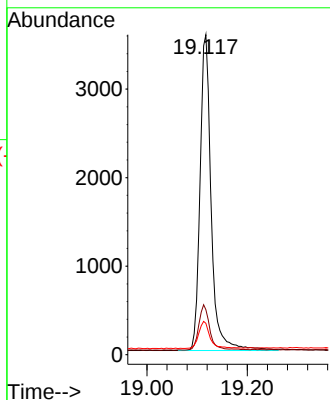
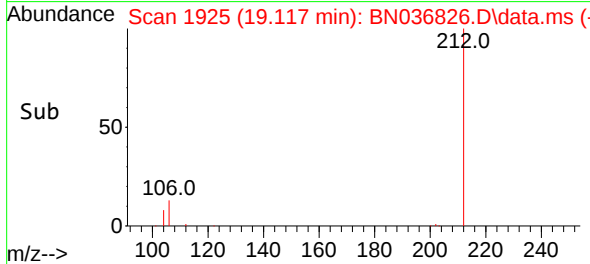
Instrument :
BNA_N
ClientSampleId :
PB167430BS



Tgt Ion:212 Resp: 5498
Ion Ratio Lower Upper
212 100
106 13.8 11.8 17.6
104 8.6 7.3 10.9

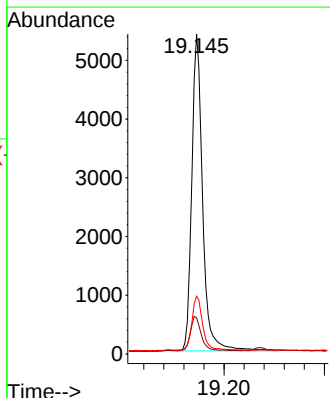
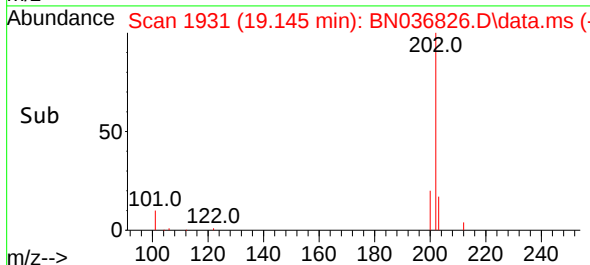
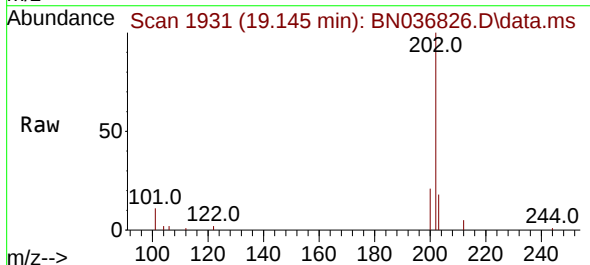
Manual Integrations
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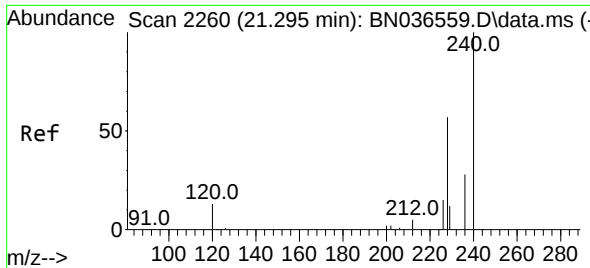
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#28
Fluoranthene
Concen: 0.392 ng
RT: 19.145 min Scan# 1931
Delta R.T. -0.028 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

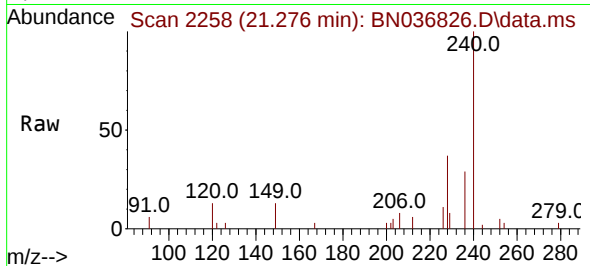
Tgt Ion:202 Resp: 8105
Ion Ratio Lower Upper
202 100
101 10.6 9.4 14.0
203 16.9 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.276 min Scan# 211
Delta R.T. -0.018 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

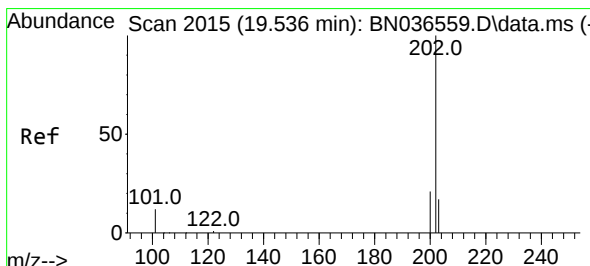
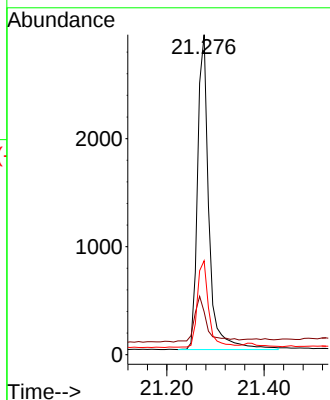
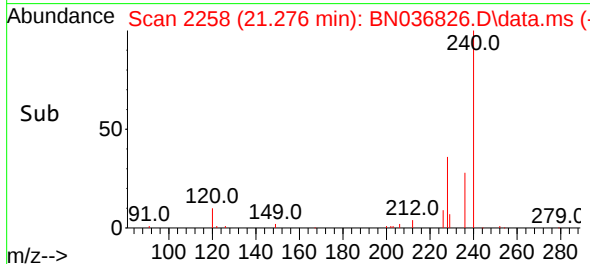
Instrument :
BNA_N
ClientSampleId :
PB167430BS



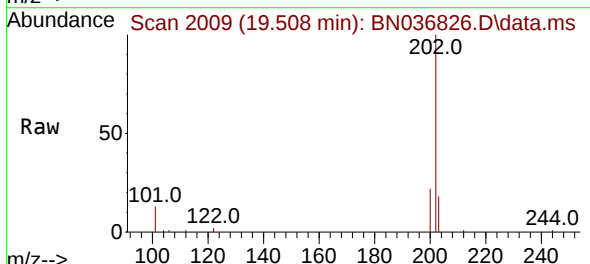
Tgt Ion:240 Resp: 4700
Ion Ratio Lower Upper
240 100
120 13.4 14.6 22.0
236 29.3 24.1 36.1

Manual Integrations
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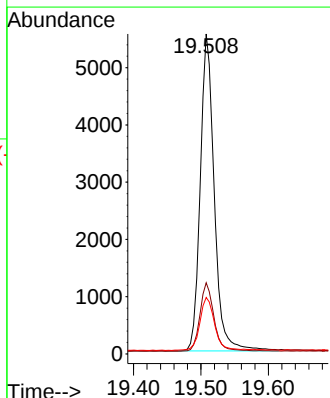
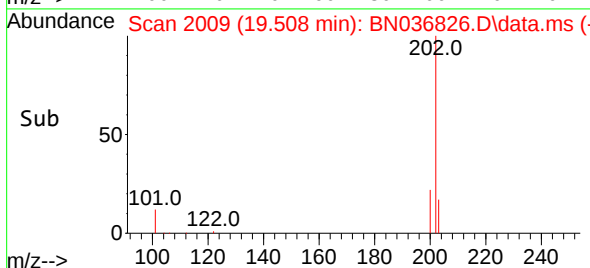
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#30
Pyrene
Concen: 0.347 ng
RT: 19.508 min Scan# 2009
Delta R.T. -0.028 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



Tgt Ion:202 Resp: 7989
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 17.9 14.1 21.1





#31
Terphenyl-d14
Concen: 0.342 ng
RT: 19.721 min Scan# 2055
Delta R.T. -0.024 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :

BNA_N

ClientSampleId :

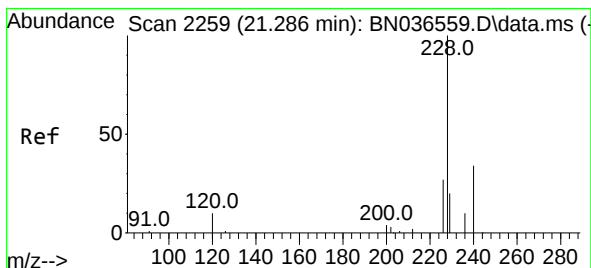
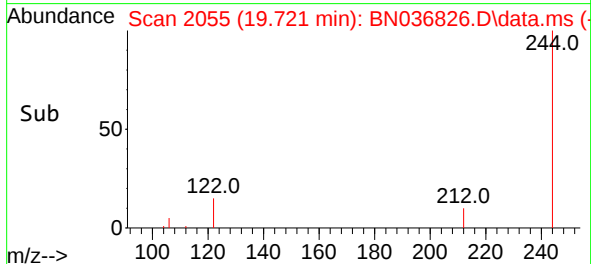
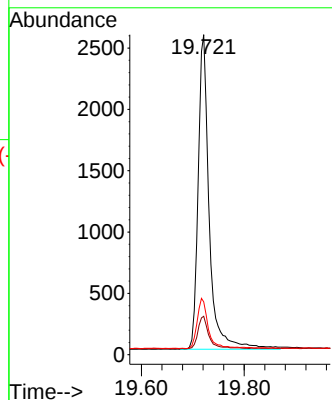
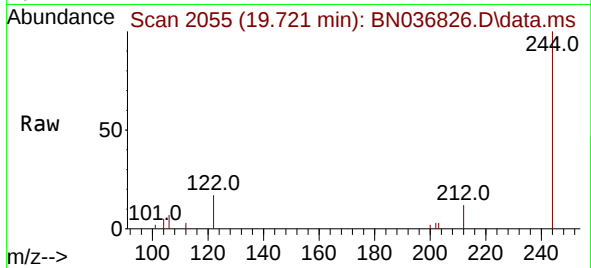
PB167430BS

Tgt Ion:244 Resp: 3850
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 16.5 13.9 20.9

Manual Integrations

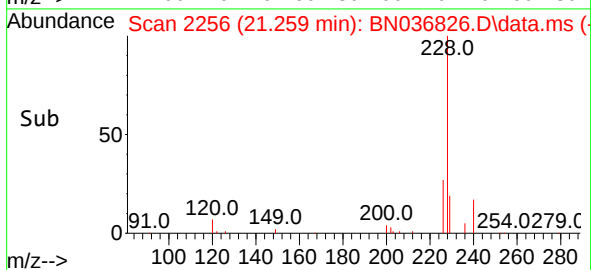
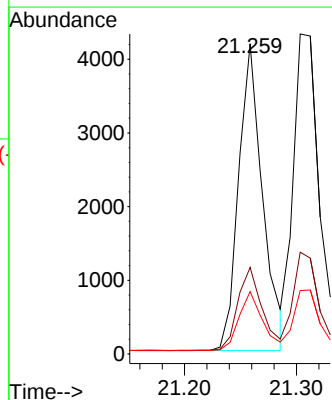
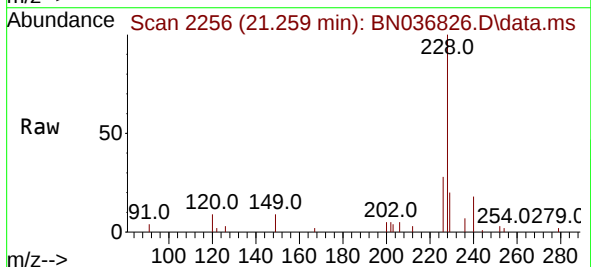
APPROVED

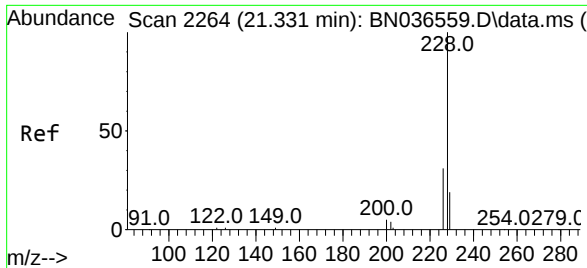
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#32
Benzo(a)anthracene
Concen: 0.379 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.027 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

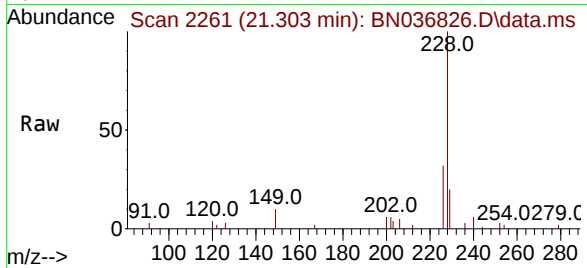
Tgt Ion:228 Resp: 6210
Ion Ratio Lower Upper
228 100
226 27.9 22.5 33.7
229 20.1 16.6 25.0





#33
Chrysene
Concen: 0.418 ng
RT: 21.303 min Scan# 2129
Delta R.T. -0.027 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

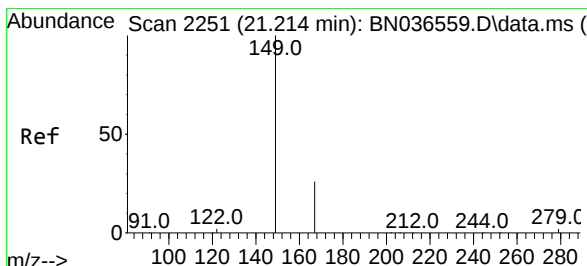
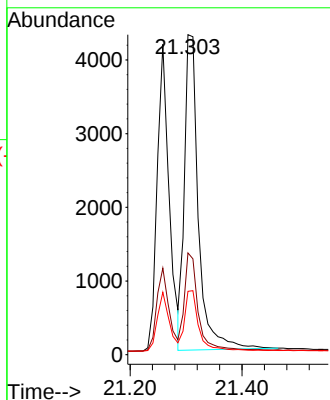
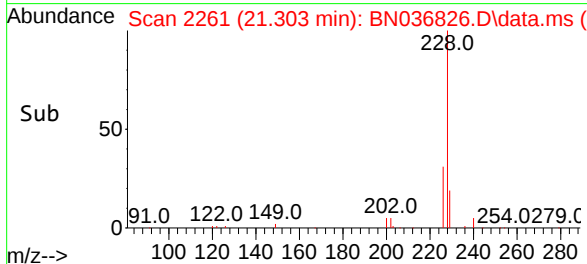
Instrument :
BNA_N
ClientSampleId :
PB167430BS



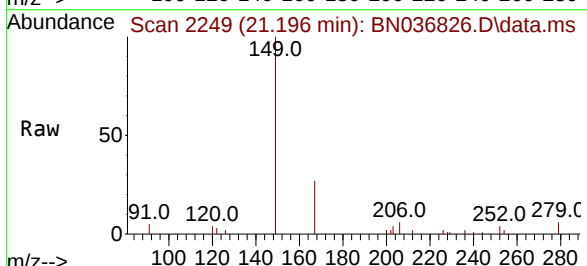
Tgt Ion:228 Resp: 7470
Ion Ratio Lower Upper
228 100
226 31.8 25.3 37.9
229 19.8 15.8 23.8

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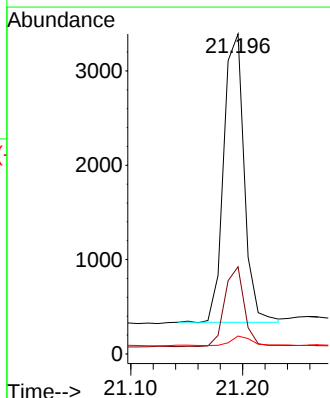
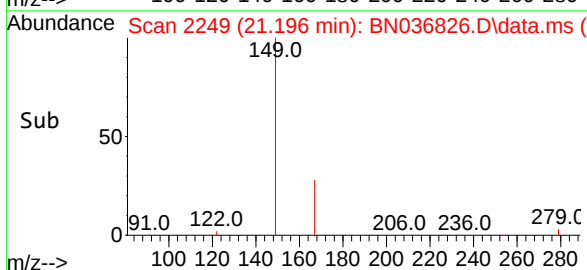
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.018 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



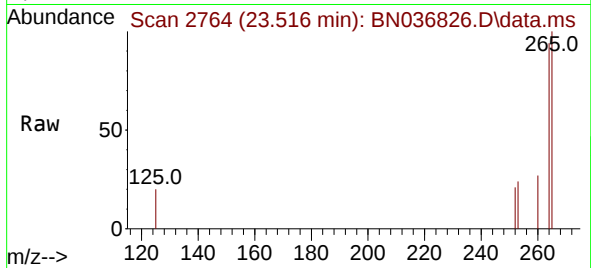
Tgt Ion:149 Resp: 3886
Ion Ratio Lower Upper
149 100
167 26.8 20.7 31.1
279 3.3 3.6 5.4





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.516 min Scan# 21
 Delta R.T. -0.038 min
 Lab File: BN036826.D
 Acq: 03 Apr 2025 17:14

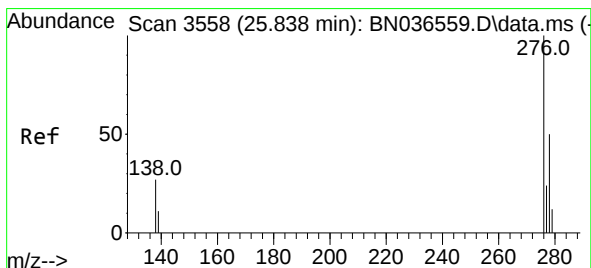
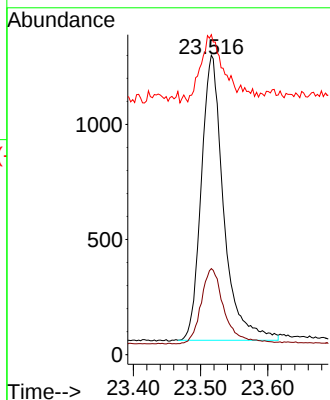
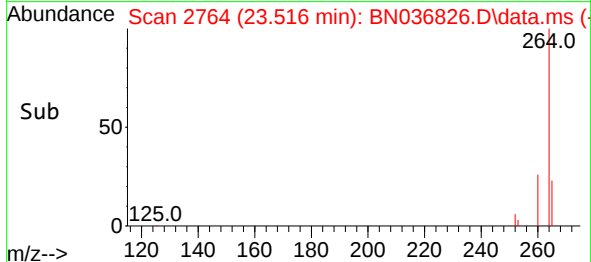
Instrument :
 BNA_N
 ClientSampleId :
 PB167430BS



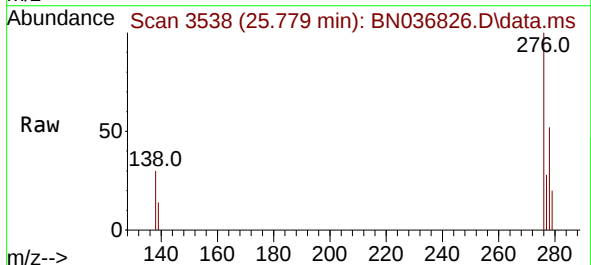
Tgt Ion:264 Resp: 2869
 Ion Ratio Lower Upper
 264 100
 260 28.7 22.6 33.8
 265 106.8 88.1 132.1

Manual Integrations
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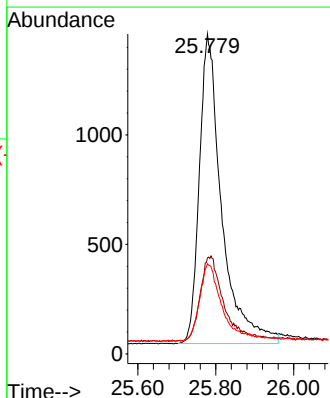
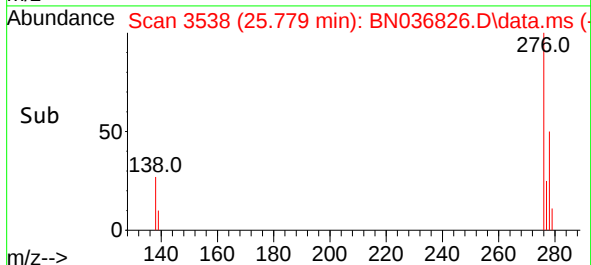
Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.543 ng
 RT: 25.779 min Scan# 3538
 Delta R.T. -0.059 min
 Lab File: BN036826.D
 Acq: 03 Apr 2025 17:14



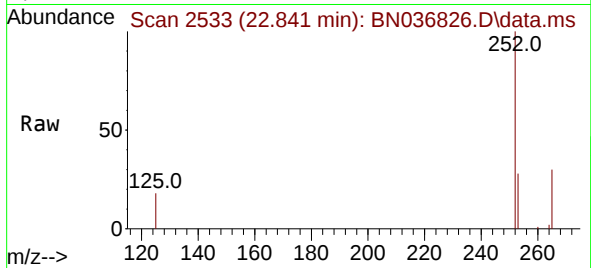
Tgt Ion:276 Resp: 5626
 Ion Ratio Lower Upper
 276 100
 138 11.9 23.4 35.2#
 277 24.5 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.576 ng
RT: 22.841 min Scan# 2549
Delta R.T. -0.032 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

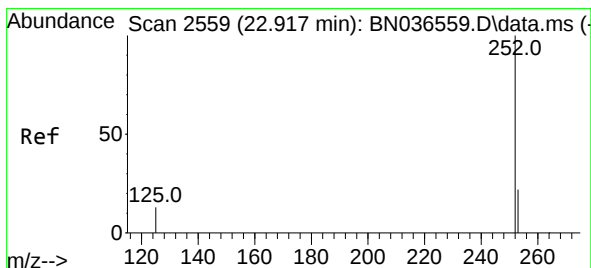
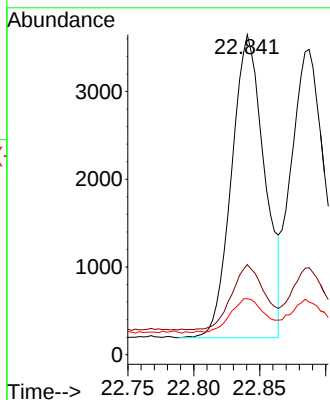
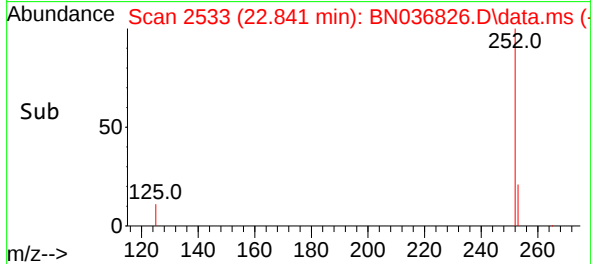
Instrument :
BNA_N
ClientSampleId :
PB167430BS



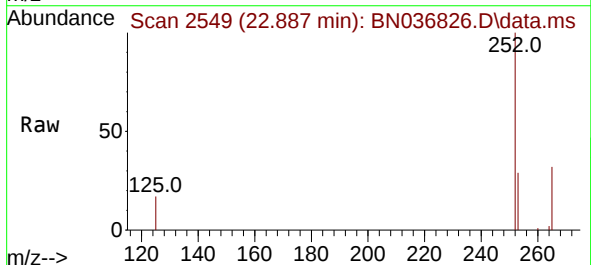
Tgt Ion:252 Resp: 6012
Ion Ratio Lower Upper
252 100
253 28.2 23.9 35.9
125 17.5 17.4 26.2

Manual Integrations
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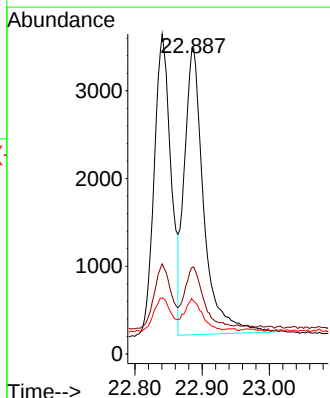
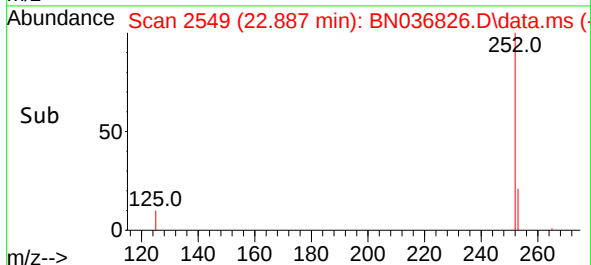
Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



#38
Benzo(k)fluoranthene
Concen: 0.599 ng
RT: 22.887 min Scan# 2549
Delta R.T. -0.030 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14



Tgt Ion:252 Resp: 6564
Ion Ratio Lower Upper
252 100
253 28.5 24.6 36.8
125 17.3 17.8 26.8#





#39

Benzo(a)pyrene

Concen: 0.502 ng

RT: 23.419 min Scan# 21

Delta R.T. -0.035 min

Lab File: BN036826.D

Acq: 03 Apr 2025 17:14

Instrument :

BNA_N

ClientSampleId :

PB167430BS

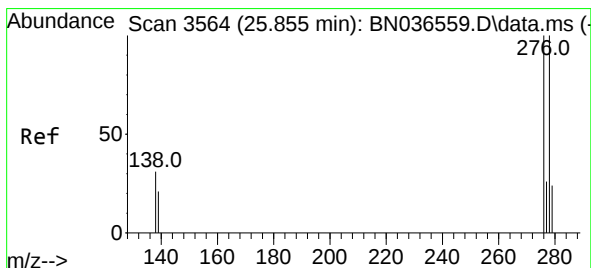
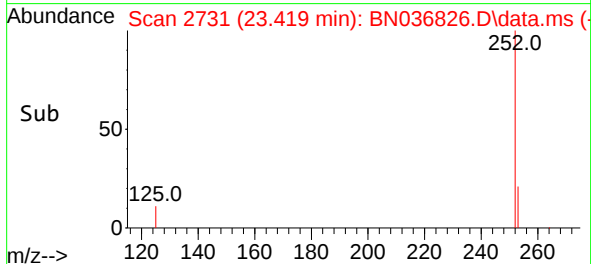
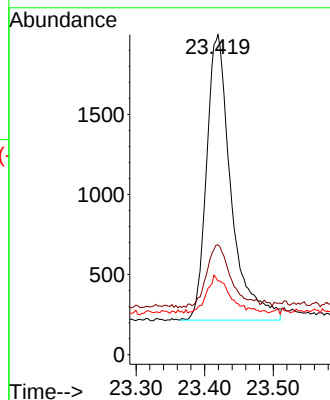
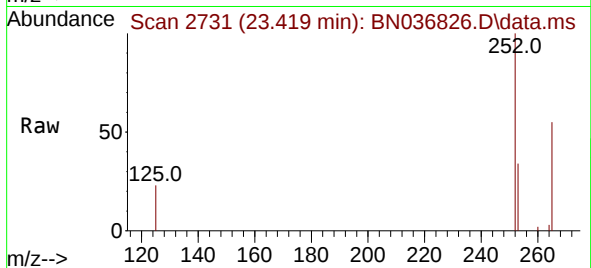
Tgt Ion:	252	Resp:	441
Ion Ratio	Lower	Upper	
252	100		
253	34.3	27.8	41.8
125	23.1	22.7	34.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 04/04/2025

Supervised By :Jagrut Upadhyay 04/04/2025



#40

Dibenzo(a,h)anthracene

Concen: 0.557 ng

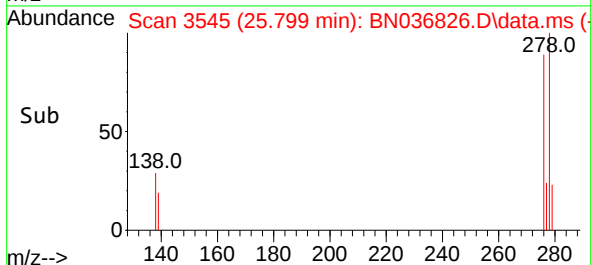
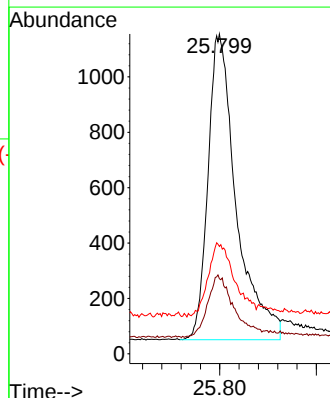
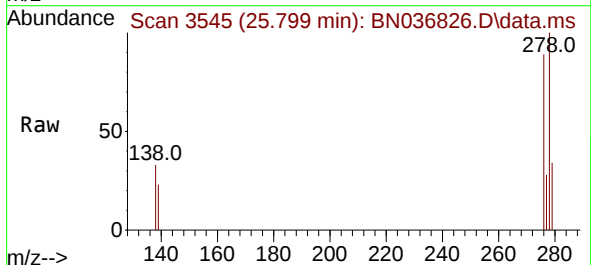
RT: 25.799 min Scan# 3545

Delta R.T. -0.056 min

Lab File: BN036826.D

Acq: 03 Apr 2025 17:14

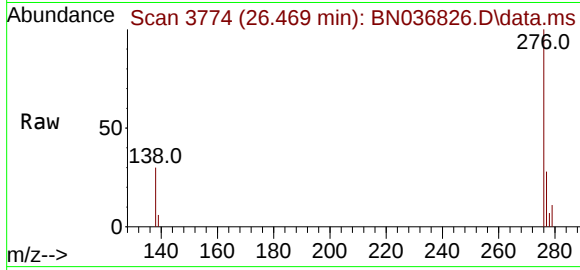
Tgt Ion:	278	Resp:	4493
Ion Ratio	Lower	Upper	
278	100		
139	23.5	20.8	31.2
279	33.6	28.8	43.2





#41
Benzo(g,h,i)perylene
Concen: 0.480 ng
RT: 26.469 min Scan# 31
Delta R.T. -0.062 min
Lab File: BN036826.D
Acq: 03 Apr 2025 17:14

Instrument :
BNA_N
ClientSampleId :
PB167430BS



Tgt Ion:276 Resp: 442
Ion Ratio Lower Upper
276 100
277 27.8 22.2 33.4
138 29.9 24.1 36.1

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

