

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
 Data File : BN024255.D
 Acq On : 13 Mar 2023 21:12
 Operator : CG/JU
 Sample : 01837-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MS

Quant Time: Mar 14 03:33:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 03:11:52 2023
 Response via : Initial Calibration

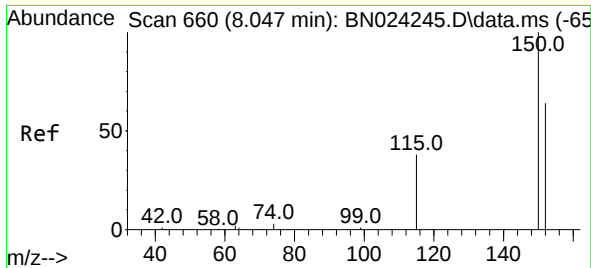
Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

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

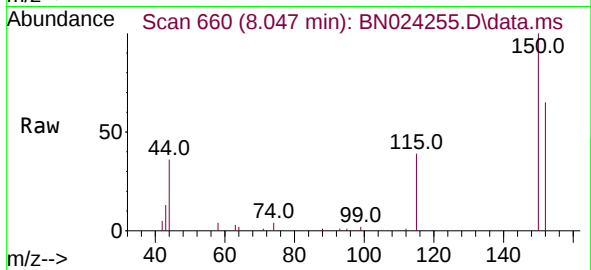
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	9743	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	28103	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	14838	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	31059	0.400	ng	0.00
29) Chrysene-d12	21.610	240	24171	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	19946	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	7806	0.362	ng	0.00
5) Phenol-d6	7.195	99	10269	0.371	ng	0.00
8) Nitrobenzene-d5	9.211	82	6363	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	15914m	0.461	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2047	0.270	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	19048	0.340	ng	0.00
27) Fluoranthene-d10	19.450	212	24713	0.375	ng	0.00
31) Terphenyl-d14	20.042	244	14253	0.350	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	3543	0.334	ng	# 70
3) n-Nitrosodimethylamine	3.757	42	5504	0.354	ng	99
6) bis(2-Chloroethyl)ether	7.462	93	10135	0.369	ng	99
9) Naphthalene	10.909	128	26420	0.370	ng	99
10) Hexachlorobutadiene	11.208	225	4843	0.357	ng	# 99
12) 2-Methylnaphthalene	12.516	142	16807	0.348	ng	99
16) Acenaphthylene	14.397	152	24795	0.352	ng	100
17) Acenaphthene	14.739	154	15738	0.351	ng	98
18) Fluorene	15.725	166	18741	0.350	ng	99
20) 4,6-Dinitro-2-methylph...	15.787	198	998	0.350	ng	91
21) 4-Bromophenyl-phenylether	16.606	248	7012	0.380	ng	# 68
22) Hexachlorobenzene	16.730	284	8021	0.354	ng	100
23) Atrazine	16.879	200	4454	0.380	ng	99
24) Pentachlorophenol	17.065	266	2061	0.278	ng	97
25) Phenanthrene	17.462	178	33608	0.365	ng	99
26) Anthracene	17.549	178	30260	0.356	ng	99
28) Fluoranthene	19.480	202	36401	0.361	ng	99
30) Pyrene	19.842	202	38296	0.391	ng	100
32) Benzo(a)anthracene	21.592	228	30793	0.382	ng	99
33) Chrysene	21.655	228	30591	0.355	ng	99
34) Bis(2-ethylhexyl)phtha...	21.511	149	24093	0.634	ng	99
36) Indeno(1,2,3-cd)pyrene	26.760	276	25207	0.338	ng	99
37) Benzo(b)fluoranthene	23.357	252	28258	0.364	ng	98
38) Benzo(k)fluoranthene	23.407	252	28624	0.358	ng	# 96
39) Benzo(a)pyrene	24.015	252	23407	0.329	ng	98
40) Dibenzo(a,h)anthracene	26.781	278	19432	0.336	ng	99
41) Benzo(g,h,i)perylene	27.573	276	22763	0.337	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12

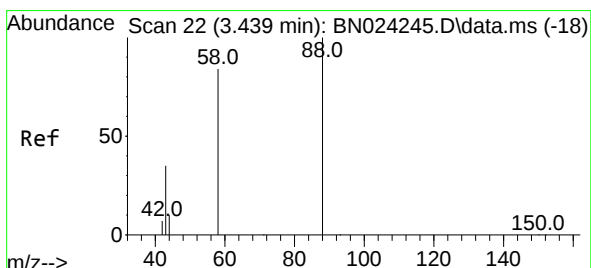
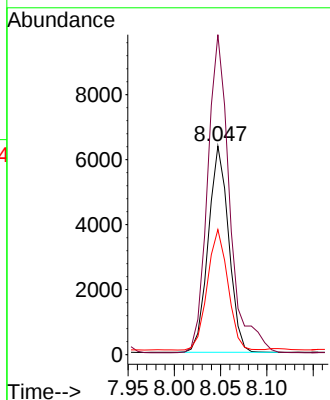
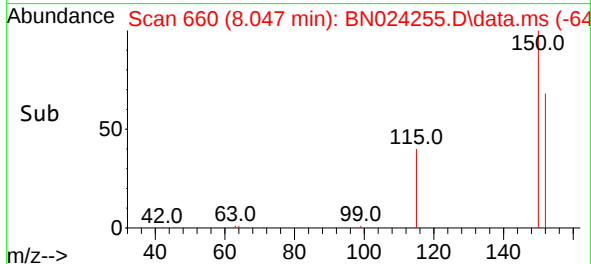
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MS



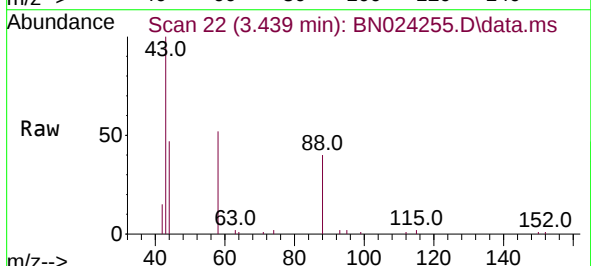
Tgt Ion: 152 Resp: 9743
 Ion Ratio Lower Upper
 152 100
 150 153.5 124.7 187.1
 115 60.0 49.1 73.7

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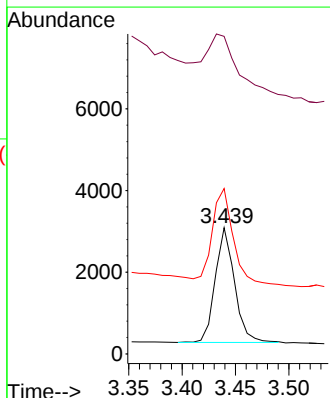
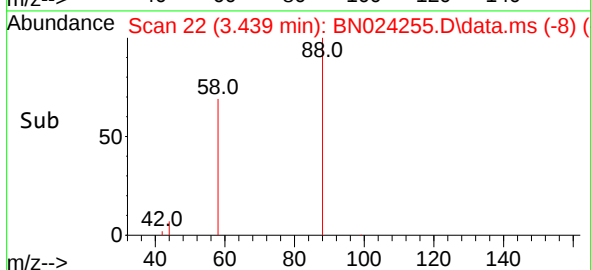
Reviewed By : Christian Giraldo 03/14/2023
 Supervised By : Jagrut Upadhyay 03/14/2023



#2
 1,4-Dioxane
 Concen: 0.334 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12



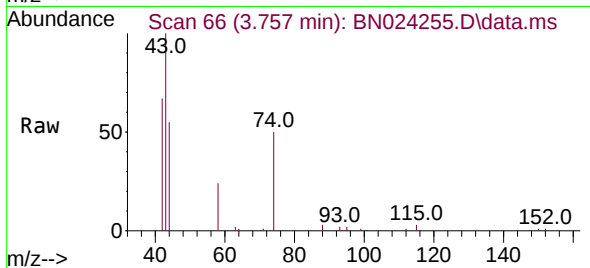
Tgt Ion: 88 Resp: 3543
 Ion Ratio Lower Upper
 88 100
 43 85.6 29.0 43.4
 58 90.1 67.3 100.9





#3
n-Nitrosodimethylamine
Concen: 0.354 ng
RT: 3.757 min Scan# 60
Delta R.T. -0.007 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

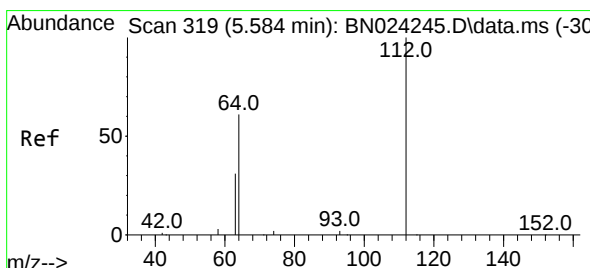
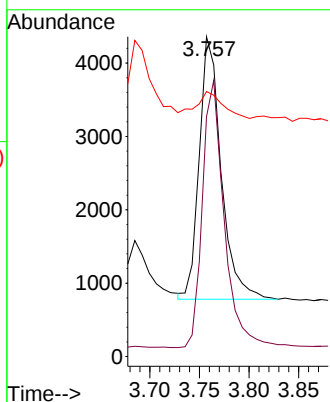
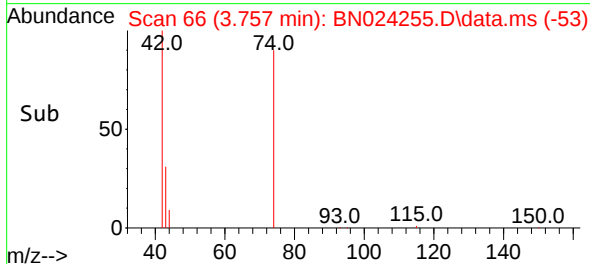
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion: 42 Resp: 5504
Ion Ratio Lower Upper
42 100
74 101.0 81.6 122.4
44 10.4 7.3 10.9

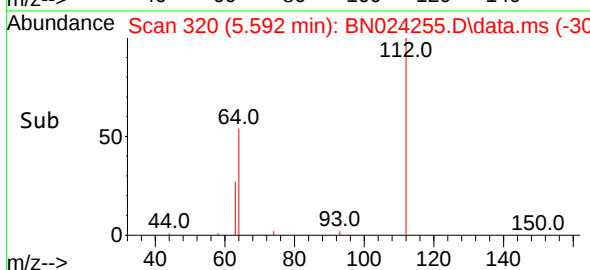
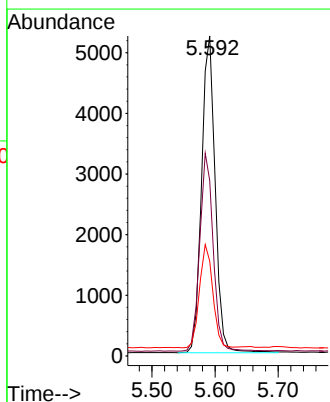
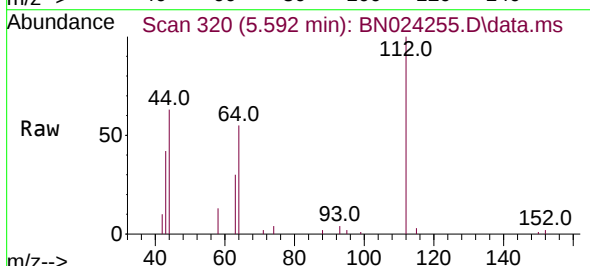
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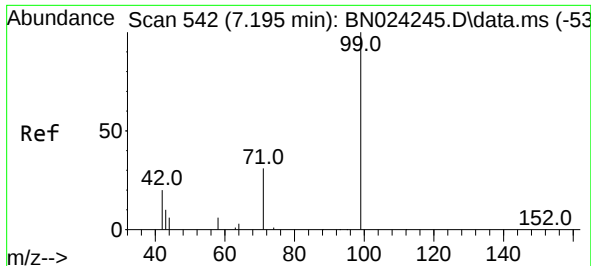
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.592 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

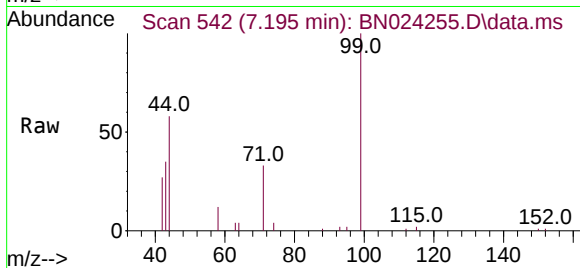
Tgt Ion:112 Resp: 7806
Ion Ratio Lower Upper
112 100
64 62.0 49.0 73.6
63 32.0 25.7 38.5





#5
Phenol-d6
Concen: 0.371 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

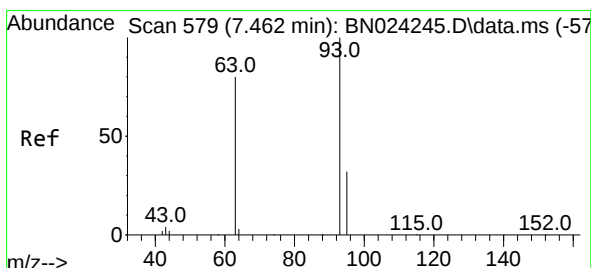
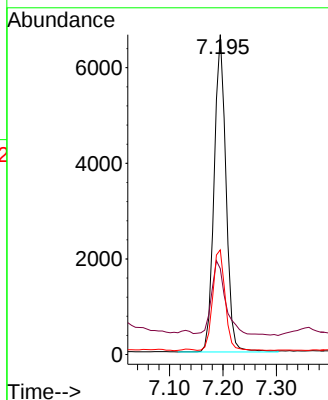
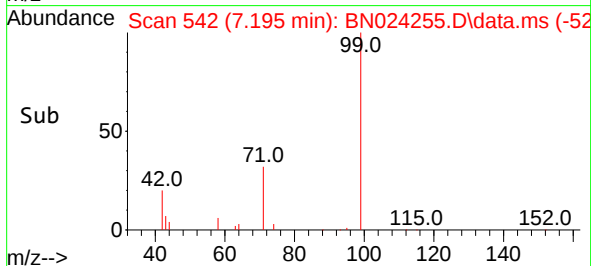
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion: 99 Resp: 10269
Ion Ratio Lower Upper
99 100
42 28.0 20.1 30.1
71 33.1 25.8 38.8

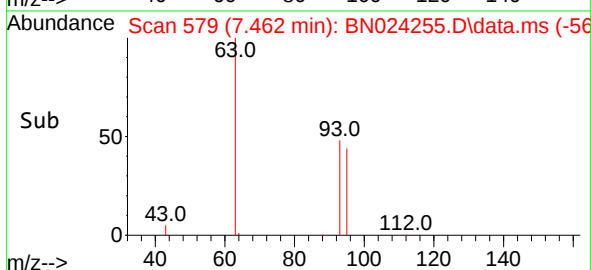
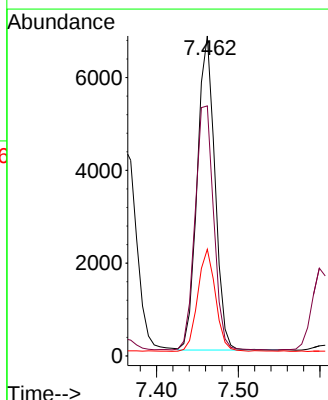
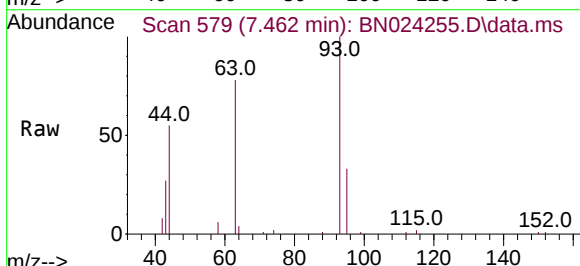
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#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

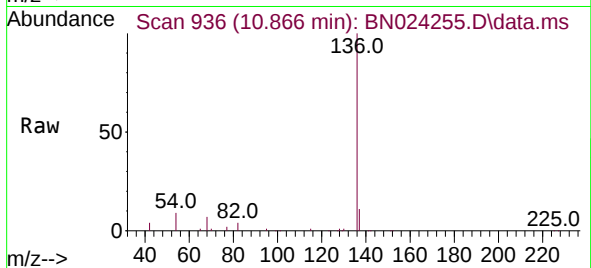
Tgt Ion: 93 Resp: 10135
Ion Ratio Lower Upper
93 100
63 82.3 65.4 98.2
95 32.7 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

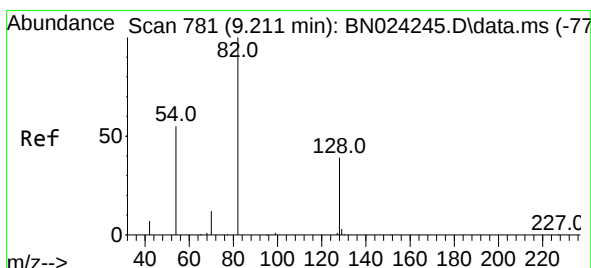
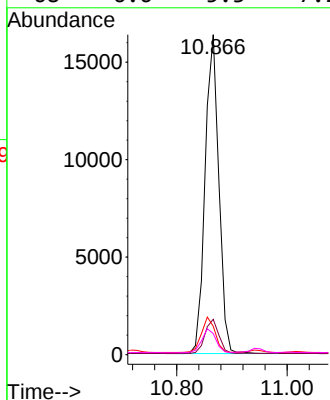
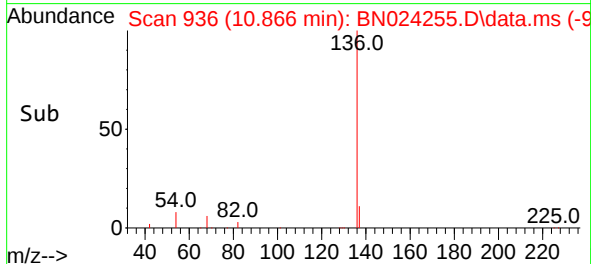
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.1	10.7
68	6.6	5.3	7.9

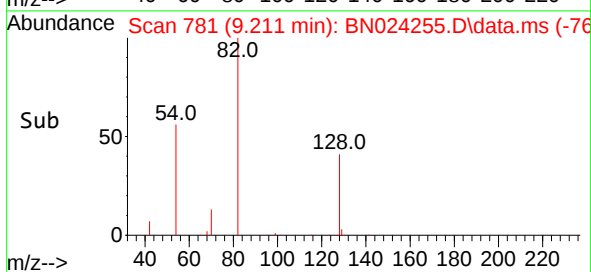
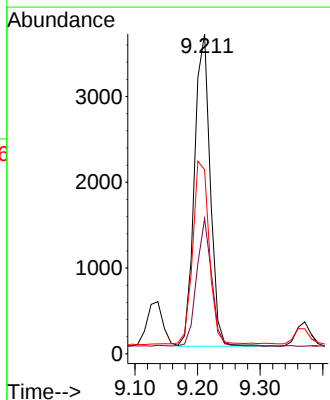
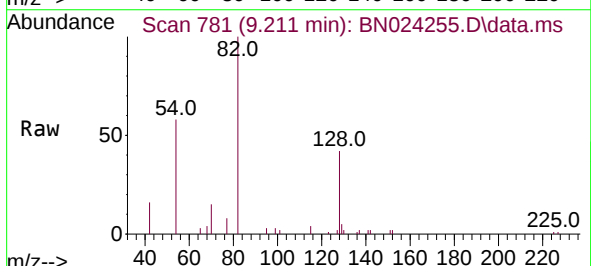
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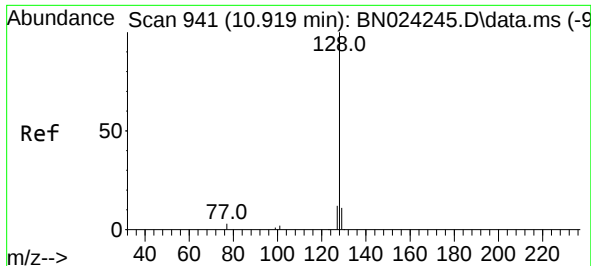
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.4	48.6
54	57.6	45.2	67.8





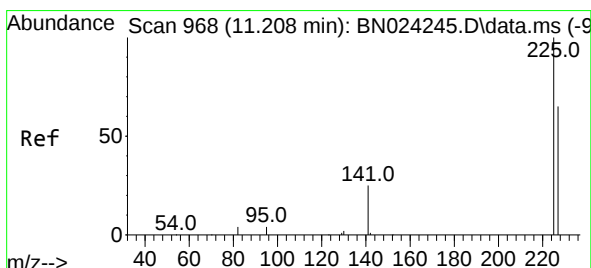
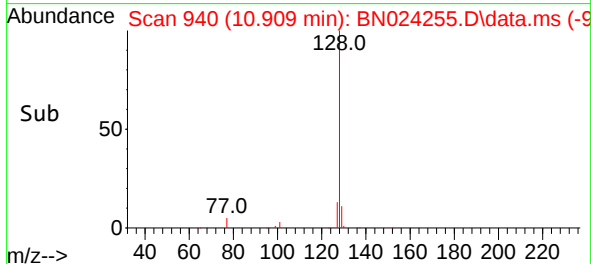
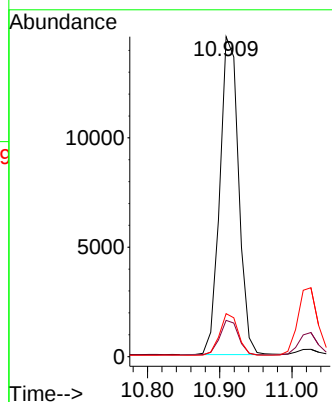
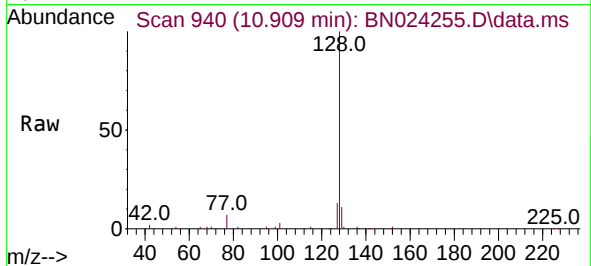
#9
Naphthalene
Concen: 0.370 ng
RT: 10.909 min Scan# 941
Delta R.T. -0.011 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS

Tgt Ion:128 Resp: 26420
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.2 15.4

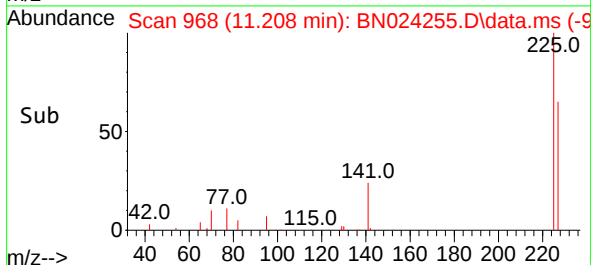
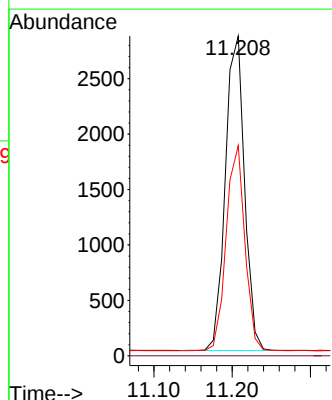
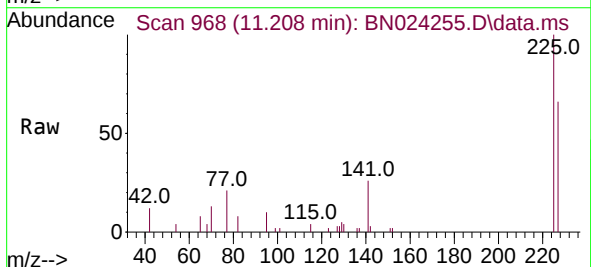
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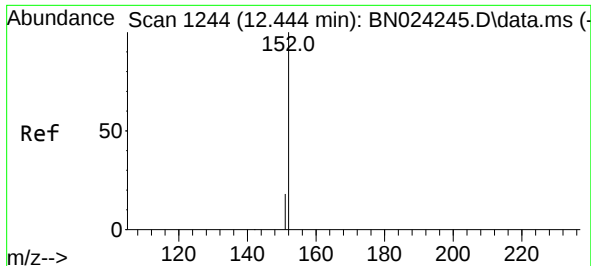
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#10
Hexachlorobutadiene
Concen: 0.357 ng
RT: 11.208 min Scan# 968
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

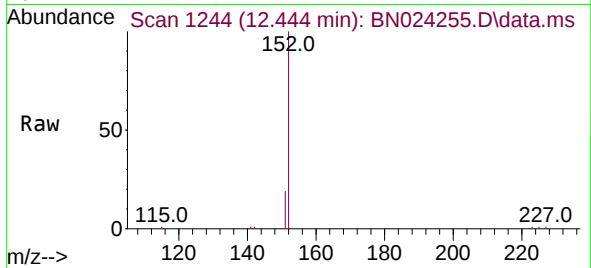
Tgt Ion:225 Resp: 4843
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.3 51.0 76.4





#11
2-Methylnaphthalene-d10
Concen: 0.461 ng m
RT: 12.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

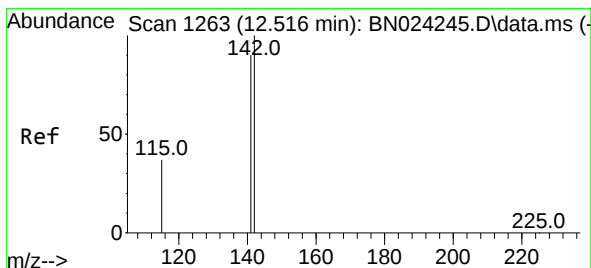
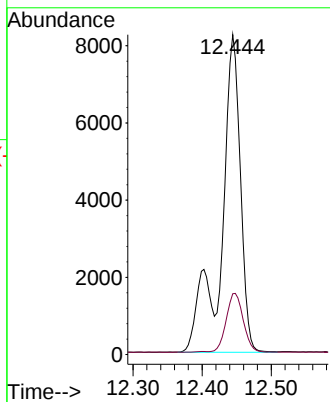
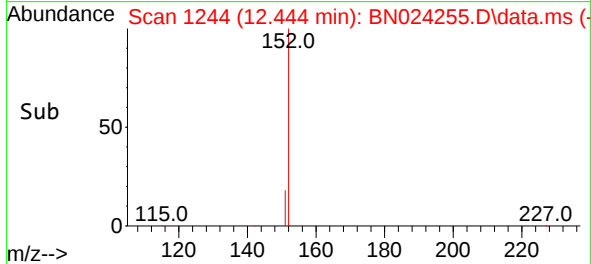
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion:152 Resp: 15914
Ion Ratio Lower Upper
152 100
151 16.3 16.8 25.2

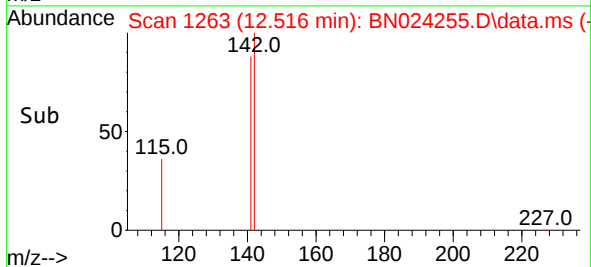
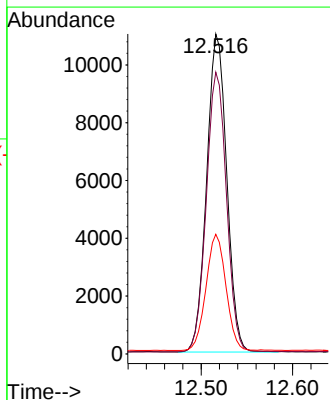
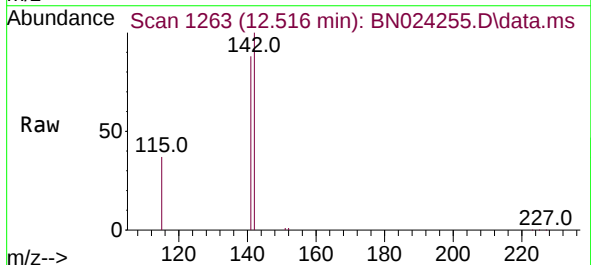
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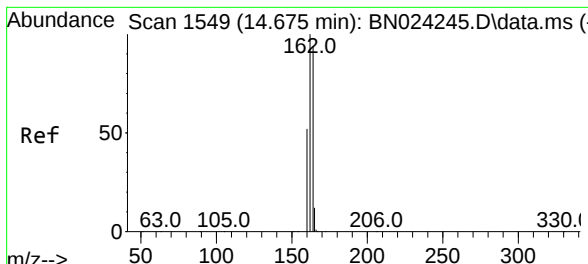
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#12
2-Methylnaphthalene
Concen: 0.348 ng
RT: 12.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

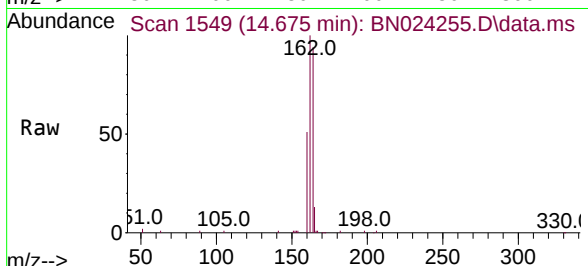
Tgt Ion:142 Resp: 16807
Ion Ratio Lower Upper
142 100
141 88.0 71.8 107.6
115 37.4 30.0 45.0





#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.675 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12

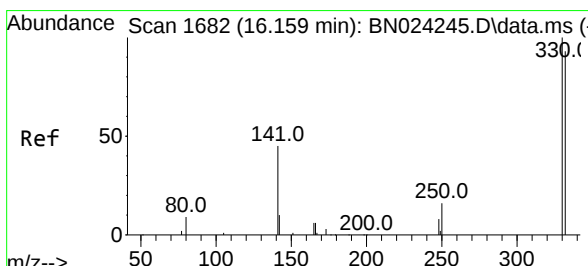
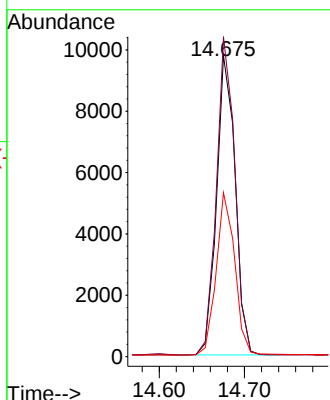
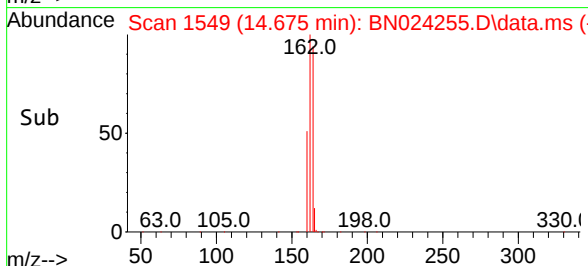
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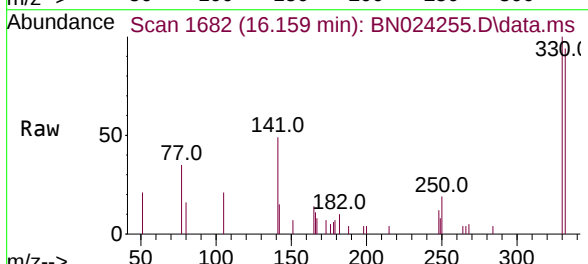
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 Ion Ratio Lower Upper
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 162 106.3 84.7 127.1
 160 54.4 44.6 66.8

Manual Integrations
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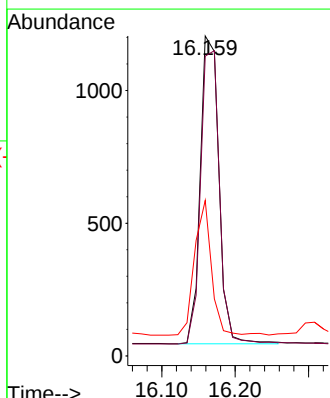
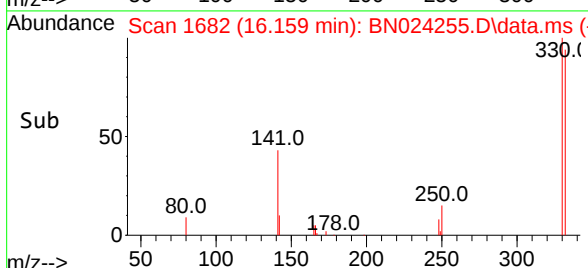
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023

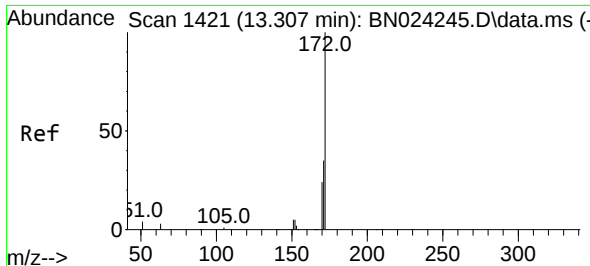


#14
 2,4,6-Tribromophenol
 Concen: 0.270 ng
 RT: 16.159 min Scan# 1682
 Delta R.T. 0.000 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12



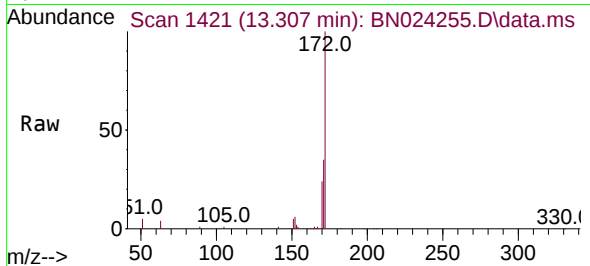
Tgt Ion:330 Resp: 2047
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 39.3 30.8 46.2





#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

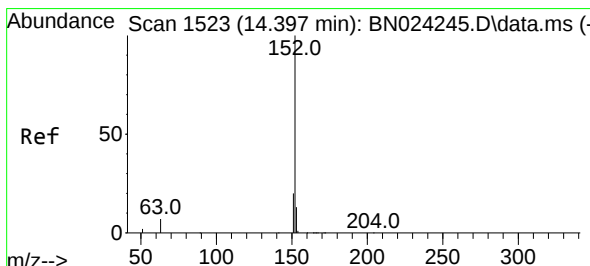
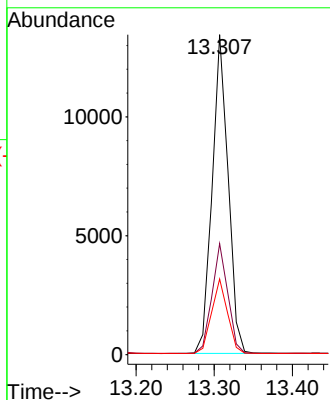
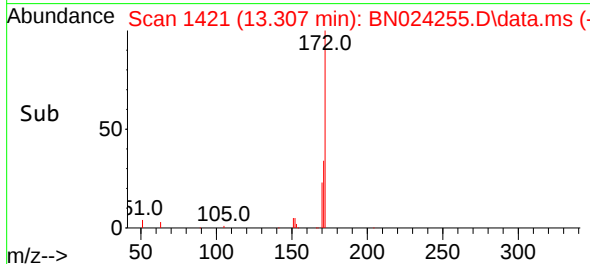
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



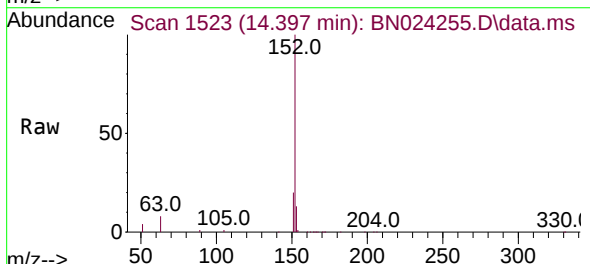
Tgt Ion:172 Resp: 19048
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.8
170 23.6 19.0 28.6

Manual Integrations
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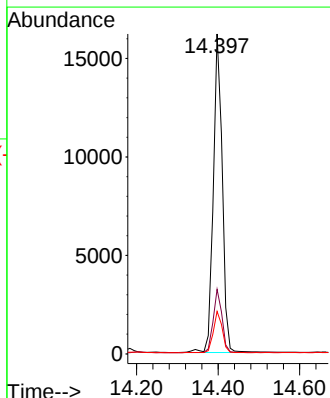
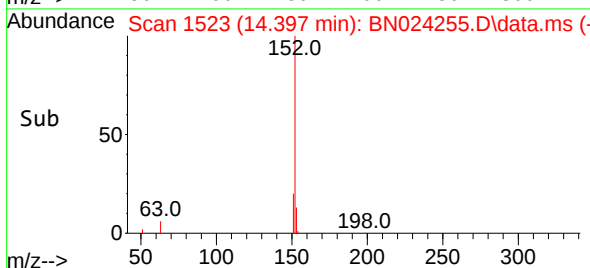
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

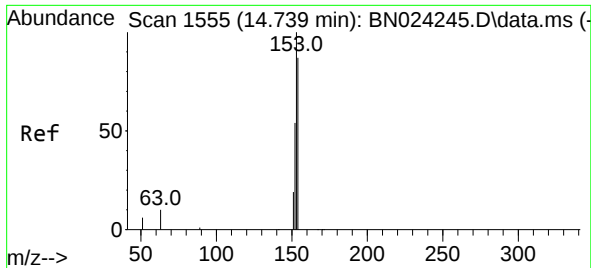


#16
Acenaphthylene
Concen: 0.352 ng
RT: 14.397 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12



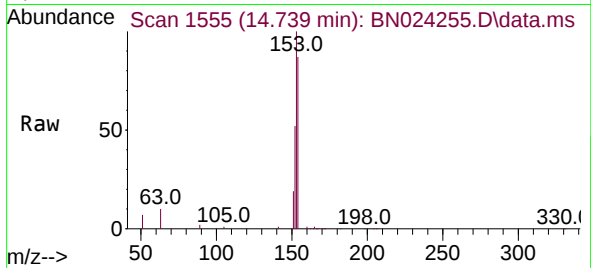
Tgt Ion:152 Resp: 24795
Ion Ratio Lower Upper
152 100
151 19.3 15.4 23.0
153 12.9 10.4 15.6





#17
Acenaphthene
Concen: 0.351 ng
RT: 14.739 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

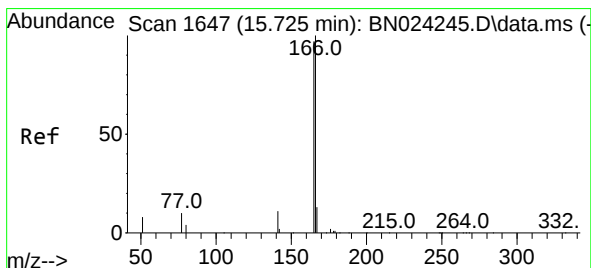
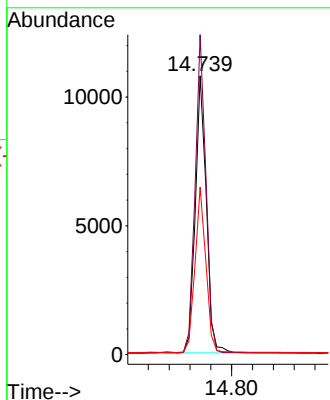
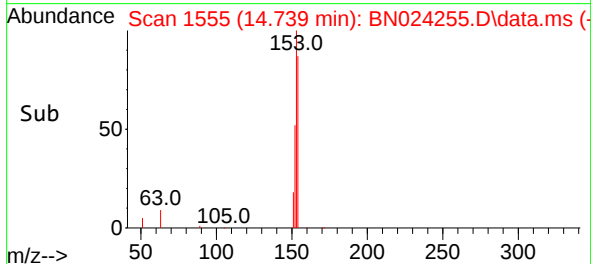
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



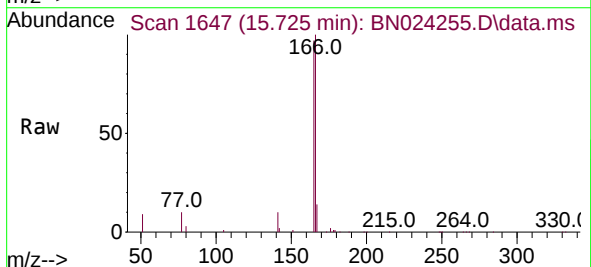
Tgt Ion:154 Resp: 15738
Ion Ratio Lower Upper
154 100
153 112.0 88.4 132.6
152 59.2 48.7 73.1

Manual Integrations
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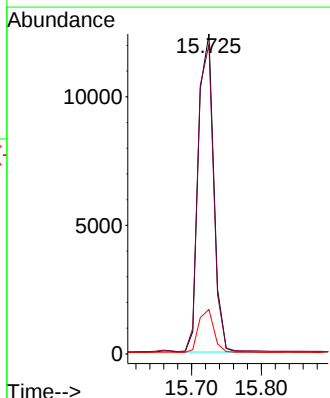
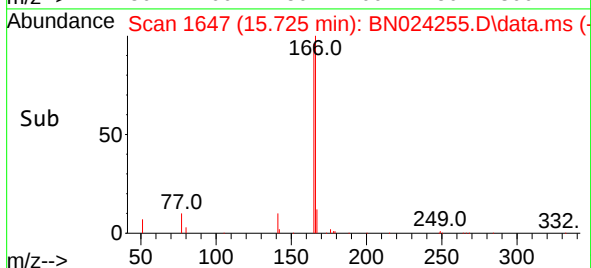
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

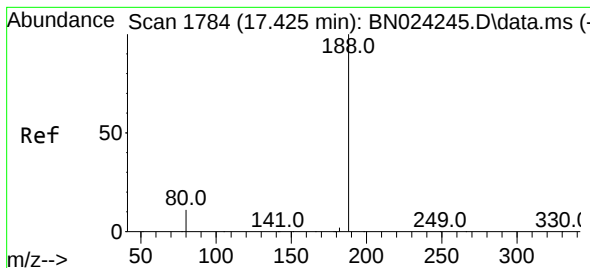


#18
Fluorene
Concen: 0.350 ng
RT: 15.725 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12



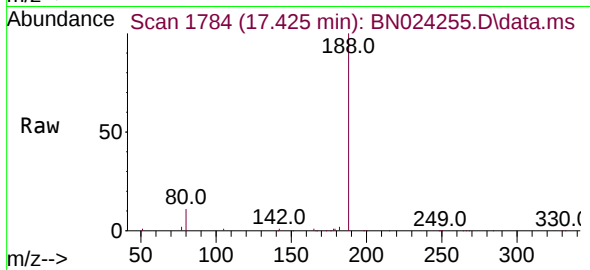
Tgt Ion:166 Resp: 18741
Ion Ratio Lower Upper
166 100
165 98.6 80.2 120.2
167 13.4 10.8 16.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

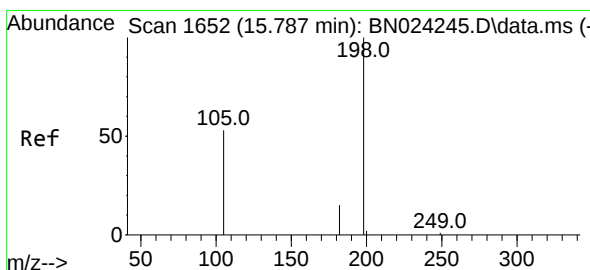
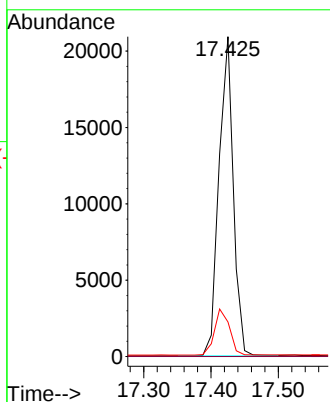
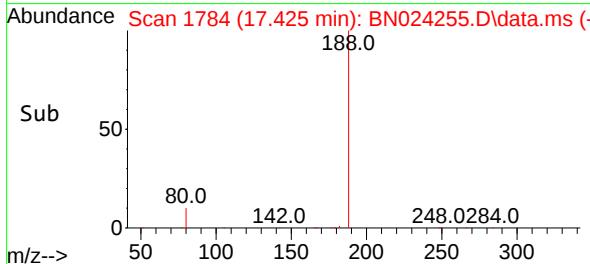
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



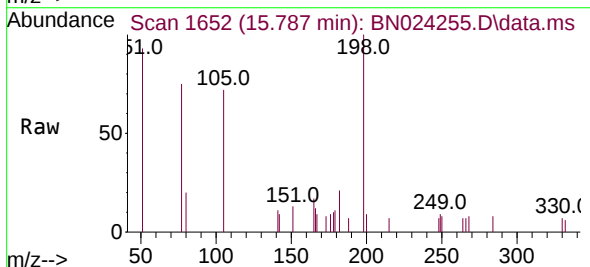
Tgt Ion:188 Resp: 31059
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 8.9 13.3

Manual Integrations
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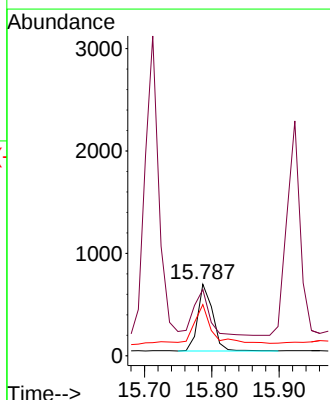
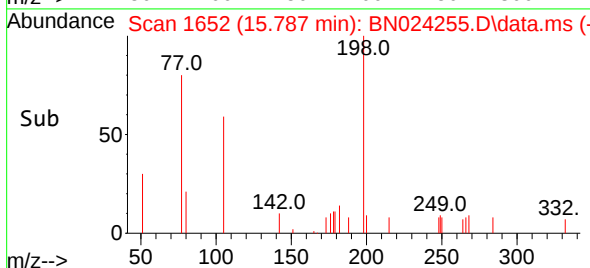
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

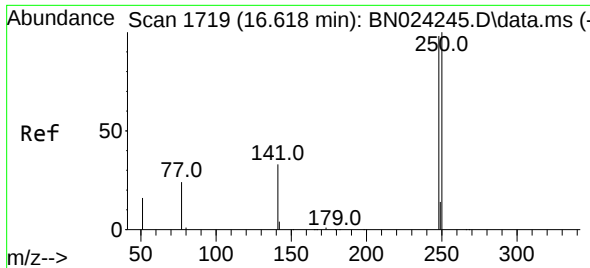


#20
4,6-Dinitro-2-methylphenol
Concen: 0.350 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12



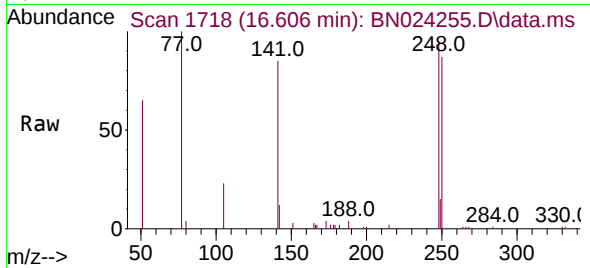
Tgt Ion:198 Resp: 998
Ion Ratio Lower Upper
198 100
51 92.7 68.2 102.2
105 71.7 51.6 77.4





#21
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.606 min Scan# 1719
Delta R.T. -0.012 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

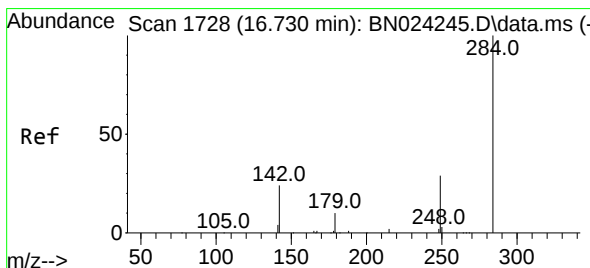
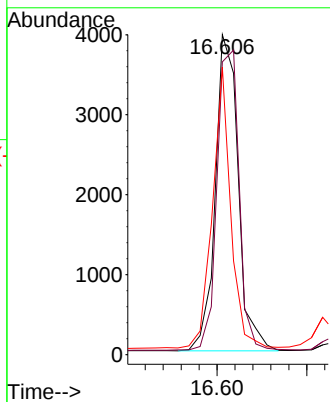
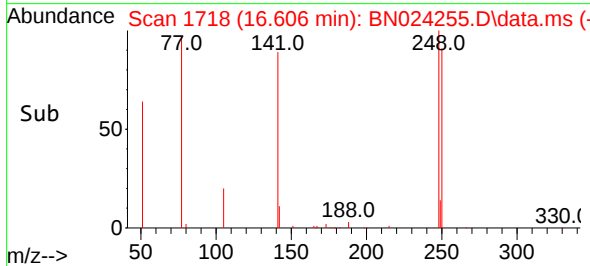
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion:248 Resp: 7012
Ion Ratio Lower Upper
248 100
250 91.5 81.9 122.9
141 89.8 28.2 42.2

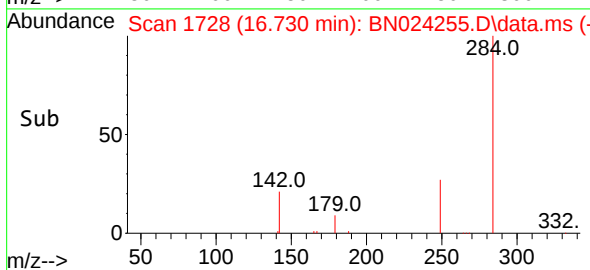
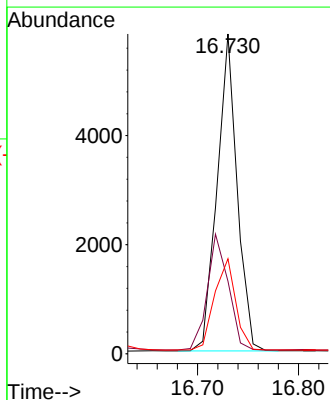
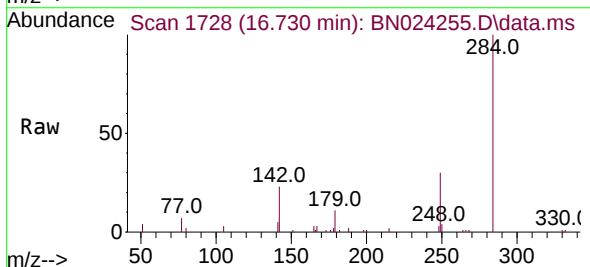
Manual Integrations
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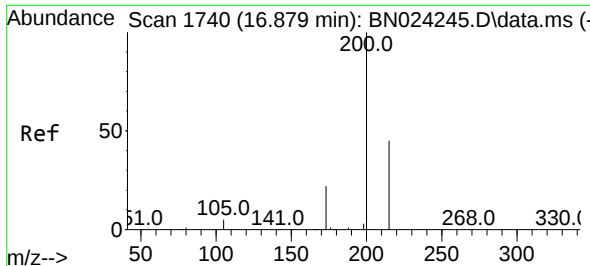
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#22
Hexachlorobenzene
Concen: 0.354 ng
RT: 16.730 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

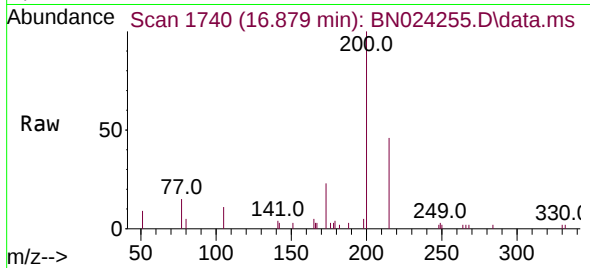
Tgt Ion:284 Resp: 8021
Ion Ratio Lower Upper
284 100
142 38.1 30.2 45.4
249 30.6 24.5 36.7





#23
Atrazine
Concen: 0.380 ng
RT: 16.879 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

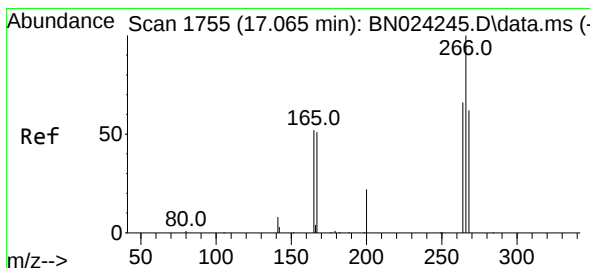
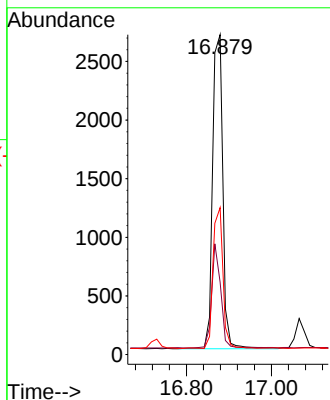
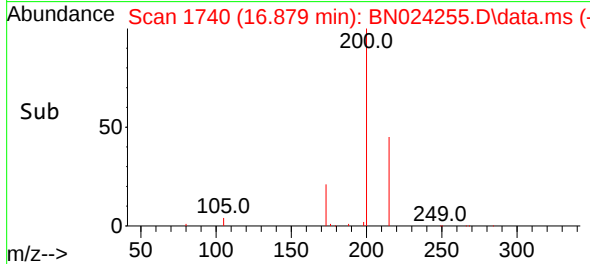
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion: 200 Resp: 4454
Ion Ratio Lower Upper
200 100
173 22.6 18.9 28.3
215 45.9 36.7 55.1

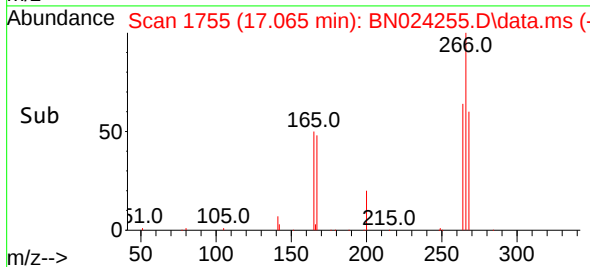
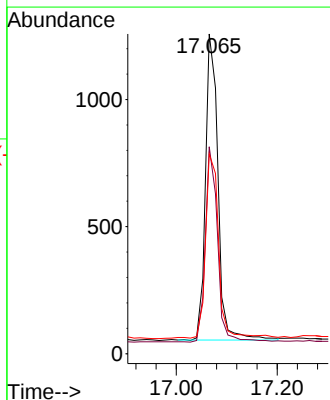
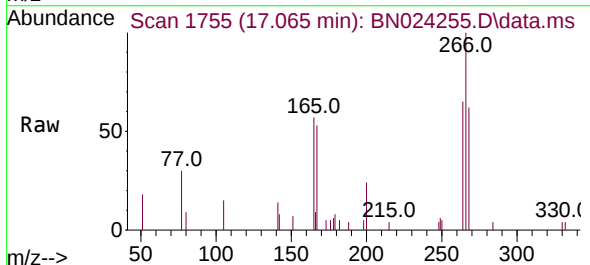
Manual Integrations
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Reviewed By : Christian Giraldo 03/14/2023
Supervised By : Jagrut Upadhyay 03/14/2023



#24
Pentachlorophenol
Concen: 0.278 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

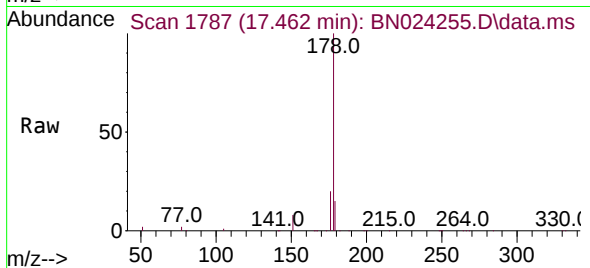
Tgt Ion: 266 Resp: 2061
Ion Ratio Lower Upper
266 100
264 62.0 51.1 76.7
268 62.9 52.2 78.4





#25
Phenanthrene
Concen: 0.365 ng
RT: 17.462 min Scan# 1787
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

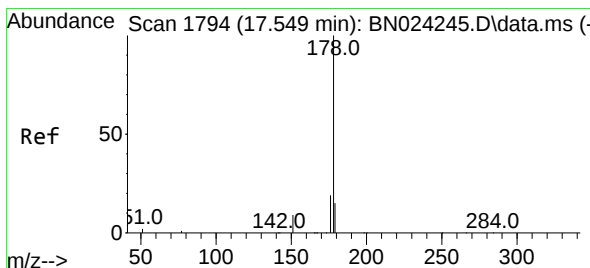
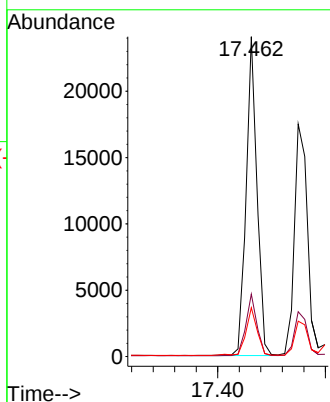
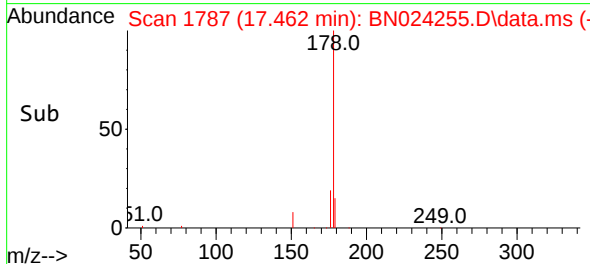
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion:178 Resp: 33608
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.2 18.2

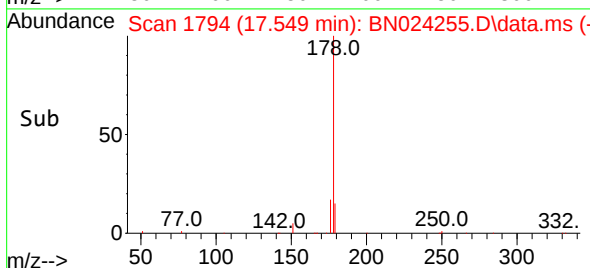
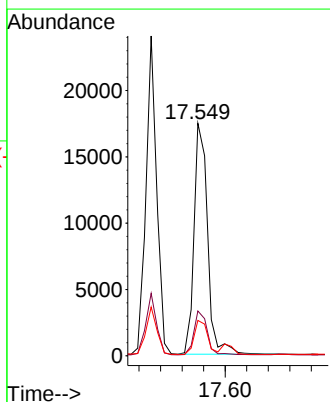
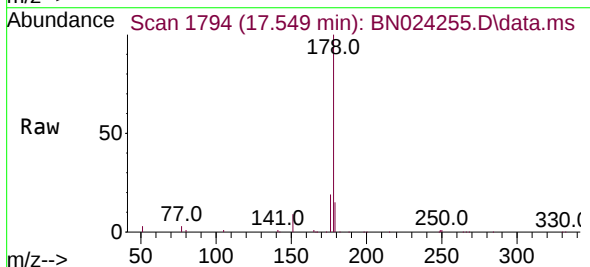
Manual Integrations
APPROVED

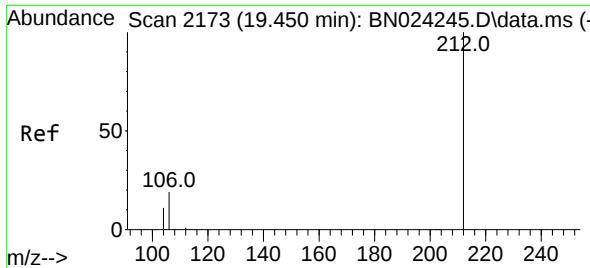
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#26
Anthracene
Concen: 0.356 ng
RT: 17.549 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

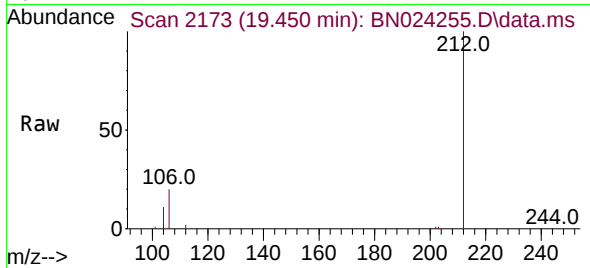
Tgt Ion:178 Resp: 30260
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 14.6 12.1 18.1





#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

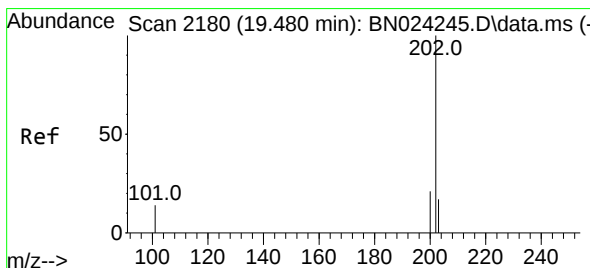
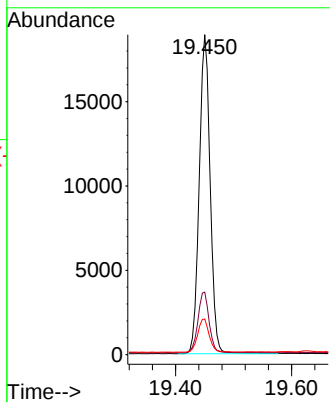
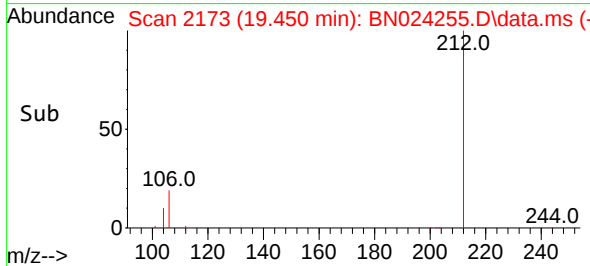
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion:212 Resp: 24713
Ion Ratio Lower Upper
212 100
106 19.4 15.4 23.2
104 11.1 8.6 13.0

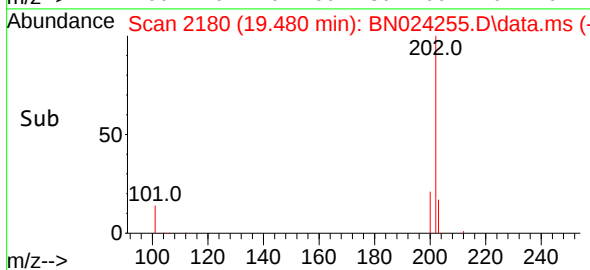
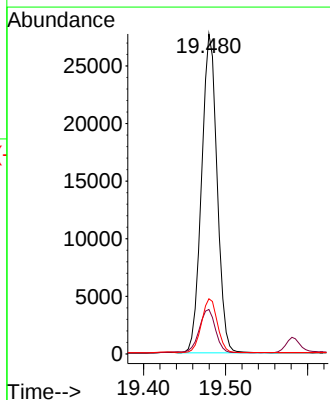
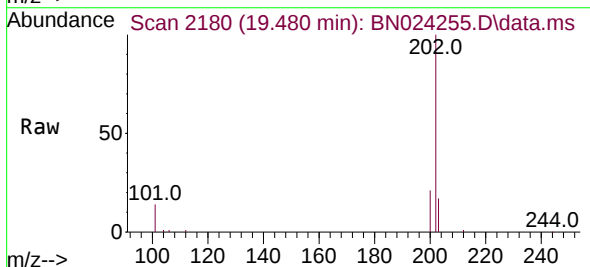
Manual Integrations
APPROVED

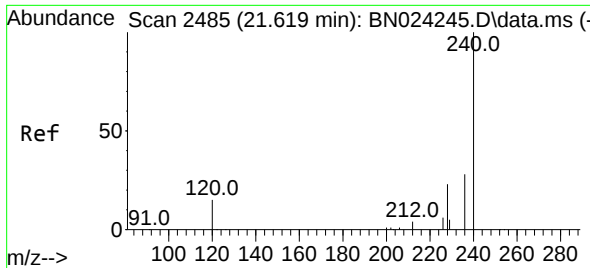
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#28
Fluoranthene
Concen: 0.361 ng
RT: 19.480 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

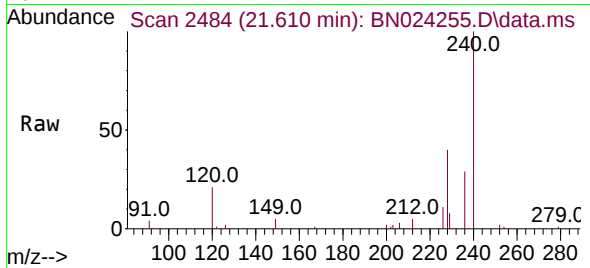
Tgt Ion:202 Resp: 36401
Ion Ratio Lower Upper
202 100
101 14.6 11.3 16.9
203 17.1 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2485
Delta R.T. -0.009 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

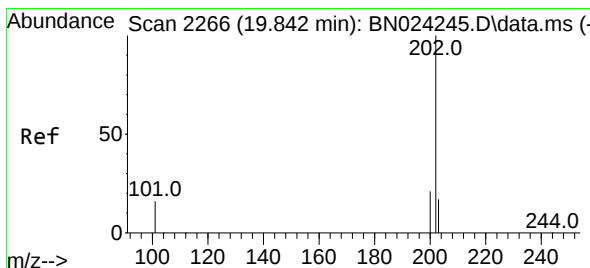
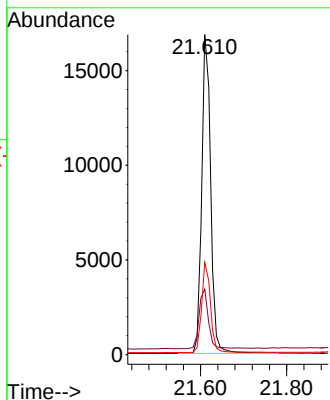
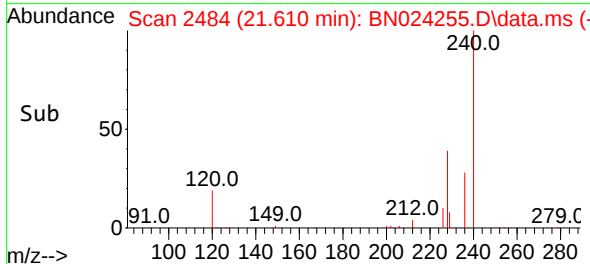
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



Tgt Ion:240 Resp: 2417
Ion Ratio Lower Upper
240 100
120 20.5 12.8 19.2
236 28.8 22.5 33.7

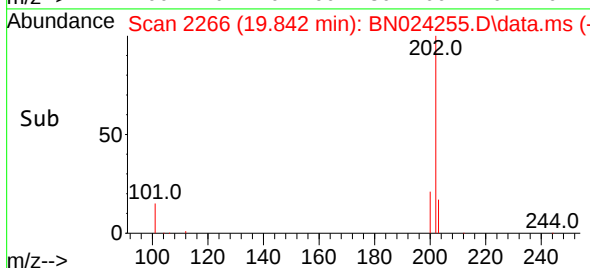
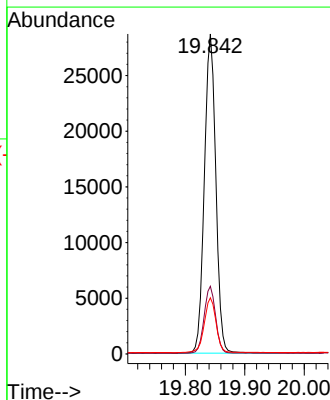
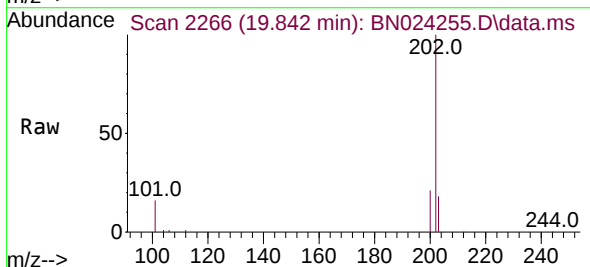
Manual Integrations
APPROVED

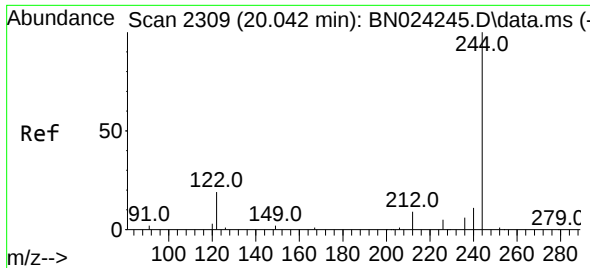
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#30
Pyrene
Concen: 0.391 ng
RT: 19.842 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

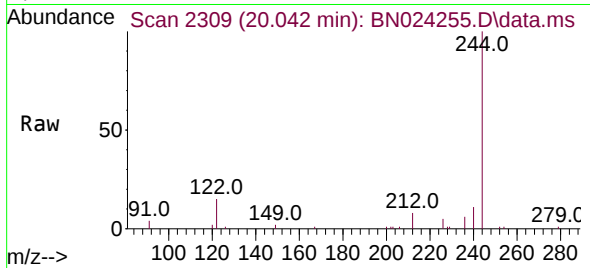
Tgt Ion:202 Resp: 38296
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.2 21.2





#31
Terphenyl-d14
Concen: 0.350 ng
RT: 20.042 min Scan# 2309
Delta R.T. 0.000 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12

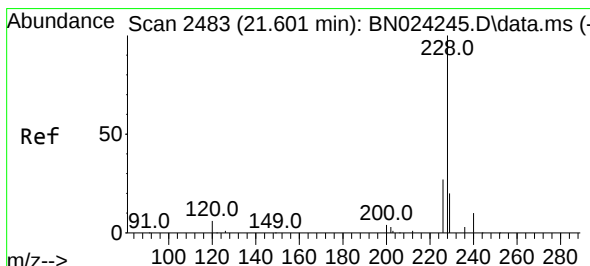
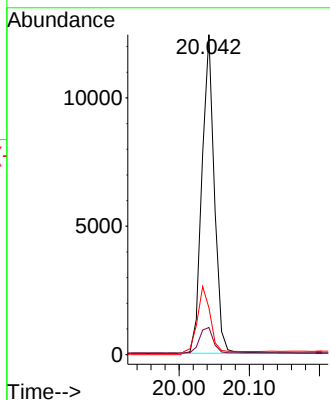
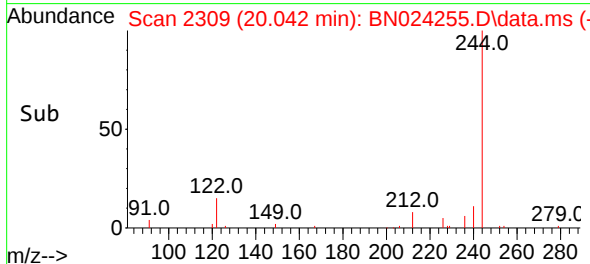
Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MS



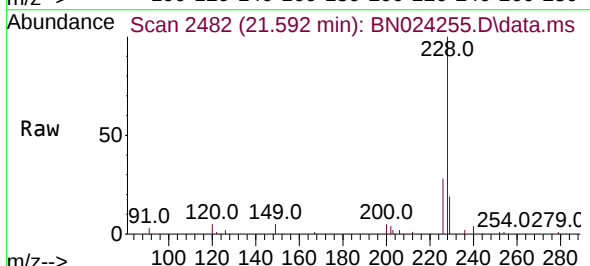
Tgt Ion:244 Resp: 14253
Ion Ratio Lower Upper
244 100
212 8.5 7.6 11.4
122 14.6 15.1 22.7

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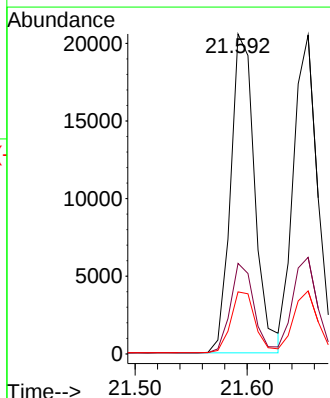
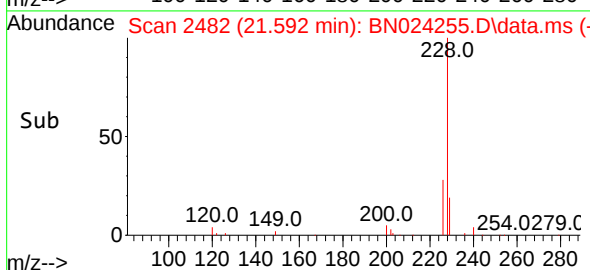
Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

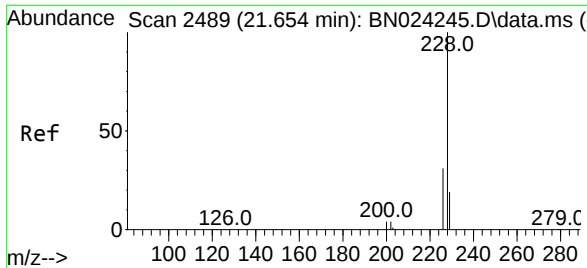


#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.592 min Scan# 2482
Delta R.T. -0.009 min
Lab File: BN024255.D
Acq: 13 Mar 2023 21:12



Tgt Ion:228 Resp: 30793
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.2
229 19.4 15.9 23.9





#33

Chrysene

Concen: 0.355 ng

RT: 21.655 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BN024255.D

Acq: 13 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MS

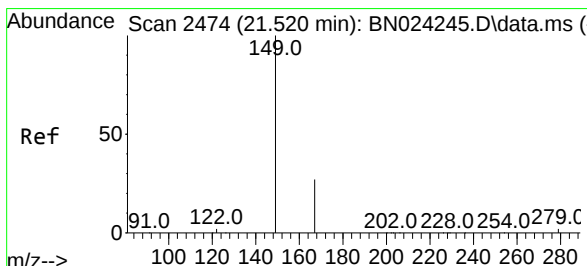
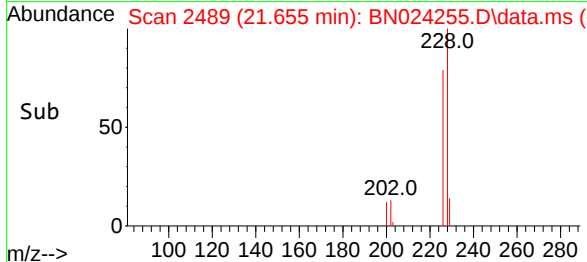
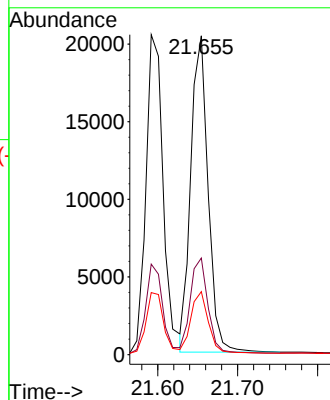
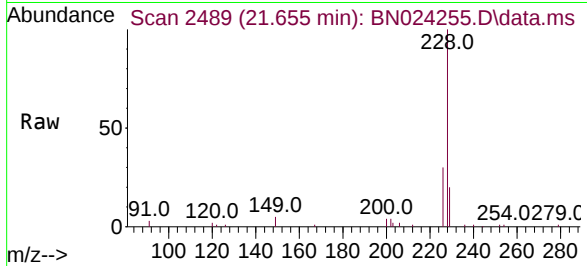
Tgt Ion:	228	Resp:	3059
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.5	36.7
229	19.8	15.5	23.3

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.634 ng

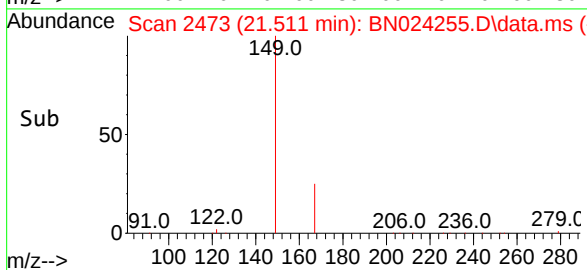
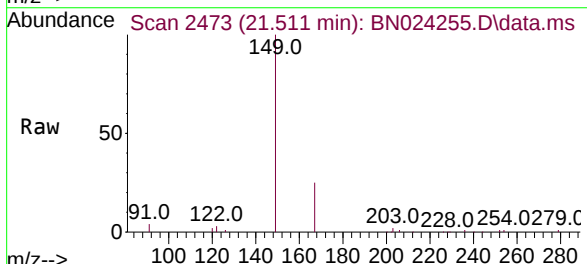
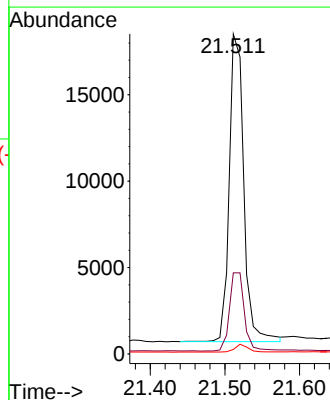
RT: 21.511 min Scan# 2473

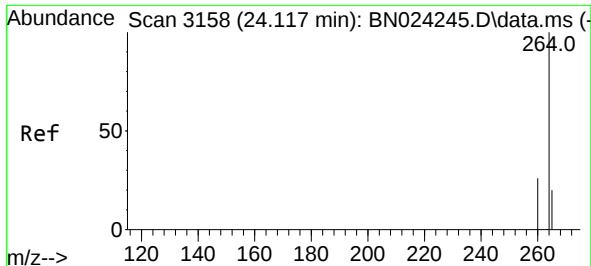
Delta R.T. -0.009 min

Lab File: BN024255.D

Acq: 13 Mar 2023 21:12

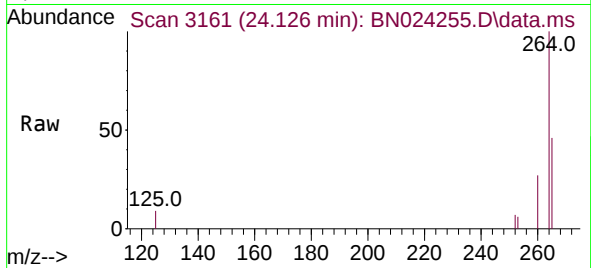
Tgt Ion:	149	Resp:	24093
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.2	31.8
279	2.3	1.8	2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.126 min Scan# 3158
 Delta R.T. 0.009 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12

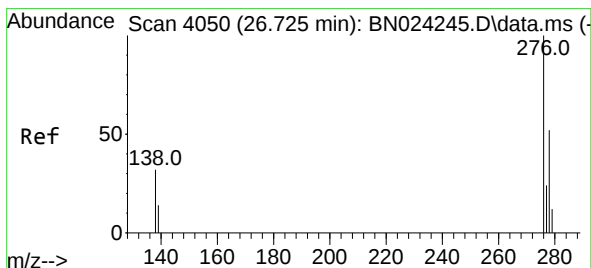
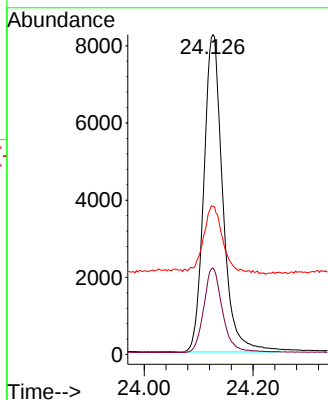
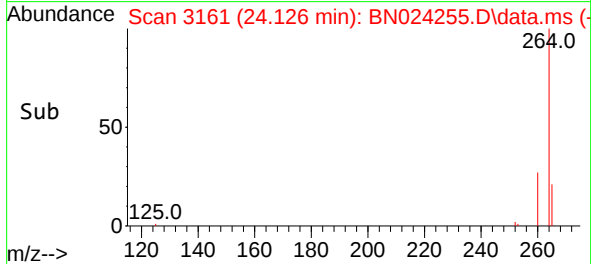
Instrument :
 BNA_N
 ClientSampleId :
 CB-10-4.5-030723MS



Tgt Ion:264 Resp: 19946
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.4 32.2
 265 46.4 35.7 53.5

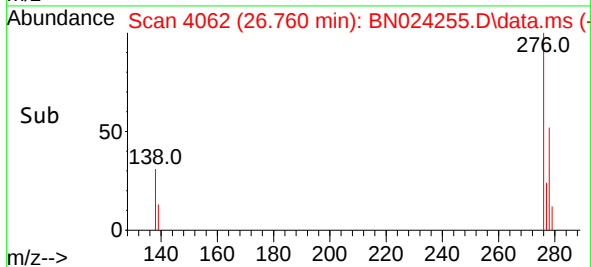
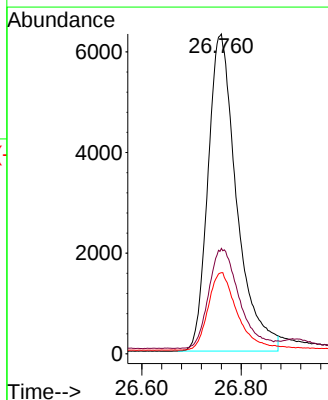
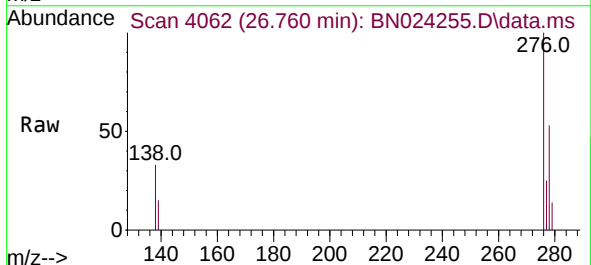
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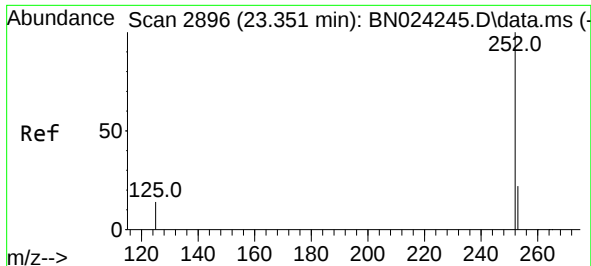
Reviewed By :Christian Giraldo 03/14/2023
 Supervised By :Jagrut Upadhyay 03/14/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.338 ng
 RT: 26.760 min Scan# 4062
 Delta R.T. 0.035 min
 Lab File: BN024255.D
 Acq: 13 Mar 2023 21:12

Tgt Ion:276 Resp: 25207
 Ion Ratio Lower Upper
 276 100
 138 33.7 27.4 41.2
 277 24.8 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.364 ng

RT: 23.357 min Scan# 2896

Delta R.T. 0.006 min

Lab File: BN024255.D

Acq: 13 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MS

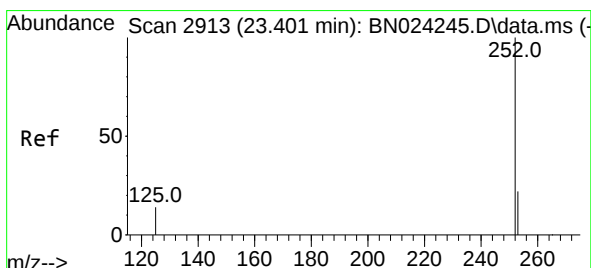
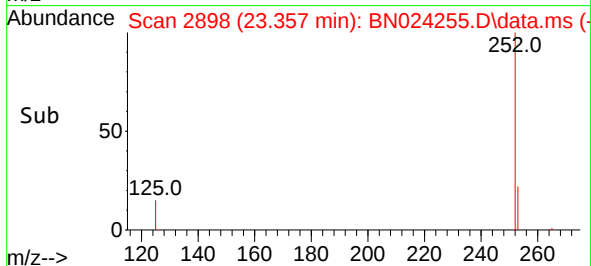
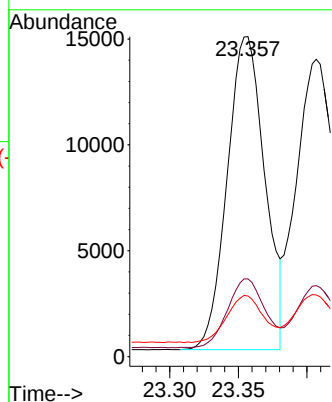
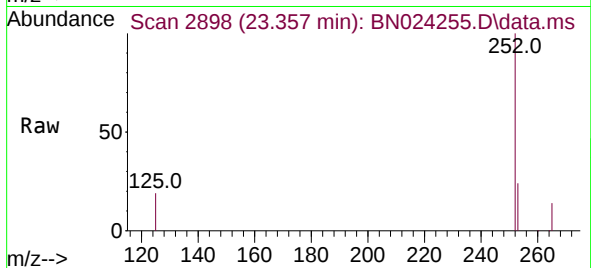
Tgt Ion:	252	Resp:	28258
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.9	28.3
125	18.9	13.8	20.6

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023



#38

Benzo(k)fluoranthene

Concen: 0.358 ng

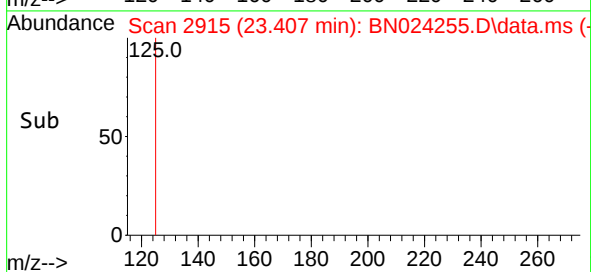
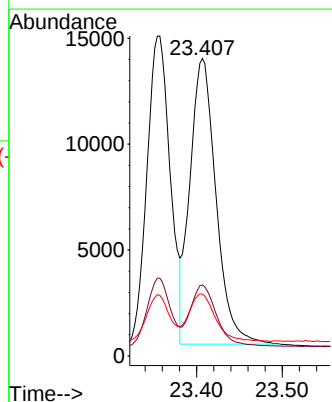
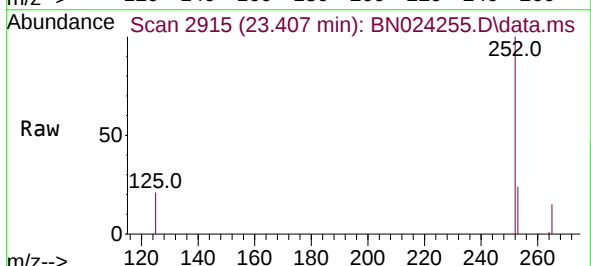
RT: 23.407 min Scan# 2915

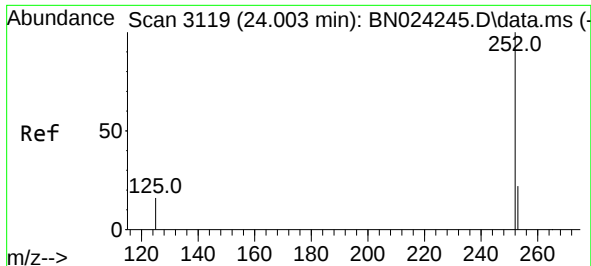
Delta R.T. 0.006 min

Lab File: BN024255.D

Acq: 13 Mar 2023 21:12

Tgt Ion:	252	Resp:	28624
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.0	28.6
125	20.7	13.5	20.3





#39

Benzo(a)pyrene

Concen: 0.329 ng

RT: 24.015 min Scan# 3119

Delta R.T. 0.012 min

Lab File: BN024255.D

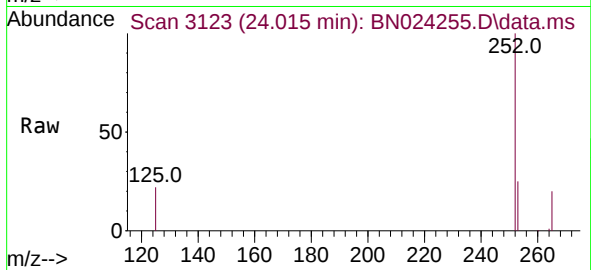
Acq: 13 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

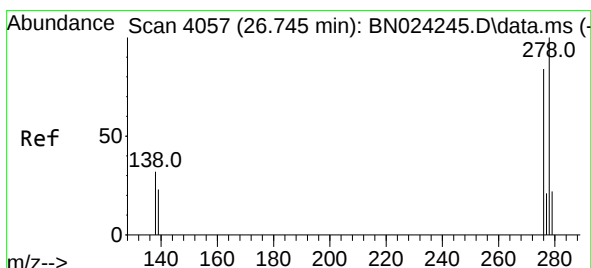
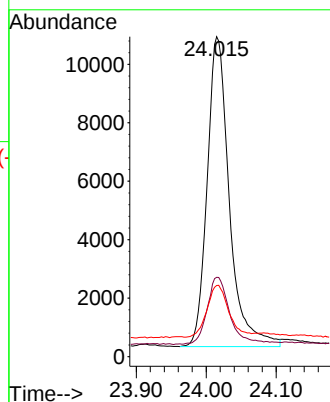
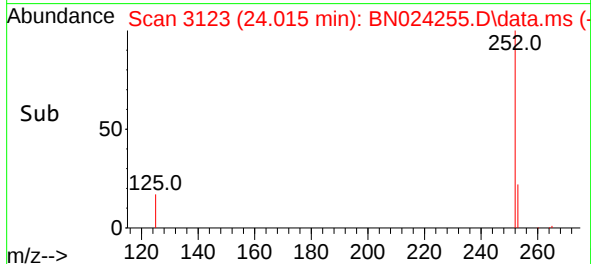
CB-10-4.5-030723MS



Tgt Ion:	252	Resp:	2340
Ion Ratio	Lower	Upper	
252	100		
253	24.8	19.5	29.3
125	22.2	16.2	24.4

Manual Integrations
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Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.336 ng

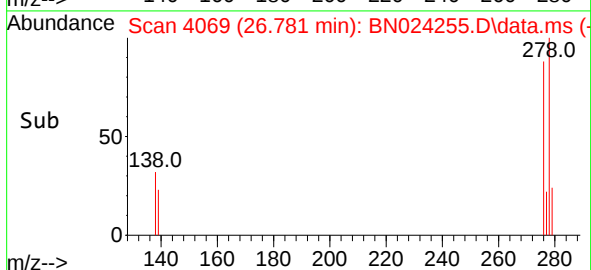
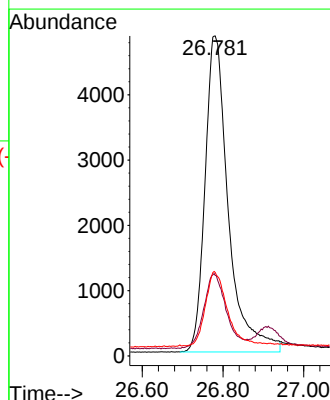
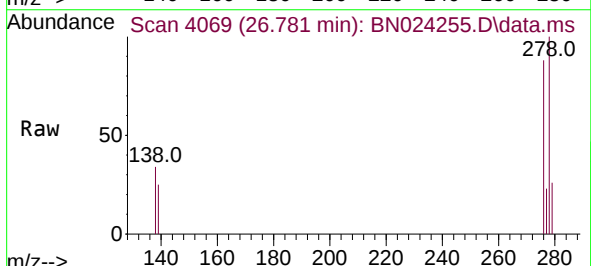
RT: 26.781 min Scan# 4069

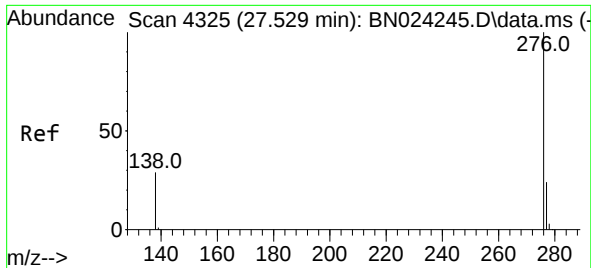
Delta R.T. 0.035 min

Lab File: BN024255.D

Acq: 13 Mar 2023 21:12

Tgt Ion:	278	Resp:	19432
Ion Ratio	Lower	Upper	
278	100		
139	25.1	19.4	29.0
279	26.1	20.7	31.1





#41

Benzo(g,h,i)perylene

Concen: 0.337 ng

RT: 27.573 min Scan# 43

Delta R.T. 0.044 min

Lab File: BN024255.D

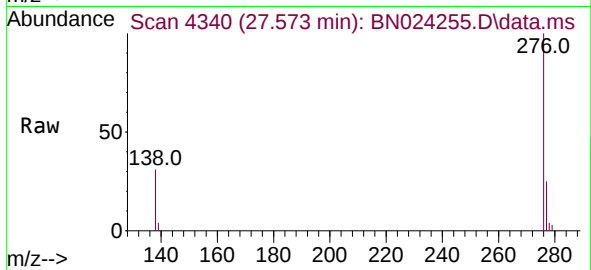
Acq: 13 Mar 2023 21:12

Instrument :

BNA_N

ClientSampleId :

CB-10-4.5-030723MS



Tgt Ion:276 Resp: 22763

Ion Ratio Lower Upper

276 100

277 24.5 19.9 29.9

138 31.5 24.5 36.7

Manual Integrations

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Reviewed By :Christian Giraldo 03/14/2023

Supervised By :Jagrut Upadhyay 03/14/2023

