

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027244.D
 Acq On : 29 Aug 2023 16:44
 Operator : MA/JU
 Sample : 04126-11MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20230819MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 30 00:39:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	4351	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	12079	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	7198	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	16870	0.400	ng	0.00
29) Chrysene-d12	21.623	240	14060	0.400	ng	0.00
35) Perylene-d12	24.151	264	12700	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2949	0.260	ng	0.00
5) Phenol-d6	7.207	99	2088	0.151	ng	0.00
8) Nitrobenzene-d5	9.262	82	4328	0.492	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	9681m	0.546	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1505	0.565	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	14306	0.523	ng	0.00
27) Fluoranthene-d10	19.467	212	23234	0.554	ng	0.00
31) Terphenyl-d14	20.053	244	17384	0.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	1885	0.355	ng	# 77
3) n-Nitrosodimethylamine	3.805	42	1105	0.196	ng	# 92
6) bis(2-Chloroethyl)ether	7.495	93	5942	0.446	ng	98
9) Naphthalene	10.949	128	14818	0.450	ng	100
10) Hexachlorobutadiene	11.184	225	2832	0.461	ng	# 100
12) 2-Methylnaphthalene	12.544	142	9979	0.426	ng	99
16) Acenaphthylene	14.427	152	15001	0.458	ng	99
17) Acenaphthene	14.758	154	9921	0.454	ng	99
18) Fluorene	15.742	166	13830	0.474	ng	99
20) 4,6-Dinitro-2-methylph...	16.897	198	118	0.491	ng	# 69
21) 4-Bromophenyl-phenylether	16.624	248	4036	0.454	ng	# 73
22) Hexachlorobenzene	16.710	284	5076	0.481	ng	99
23) Atrazine	16.897	200	2978	0.447	ng	98
24) Pentachlorophenol	17.070	266	2825	0.696	ng	100
25) Phenanthrene	17.480	178	23689	0.478	ng	100
26) Anthracene	17.579	178	19188	0.456	ng	99
28) Fluoranthene	19.495	202	27807	0.477	ng	100
30) Pyrene	19.862	202	28978	0.518	ng	100
32) Benzo(a)anthracene	21.605	228	23187	0.481	ng	99
33) Chrysene	21.659	228	25076	0.473	ng	99
34) Bis(2-ethylhexyl)phtha...	21.480	149	13491	0.580	ng	98
36) Indeno(1,2,3-cd)pyrene	26.823	276	21083	0.409	ng	99
37) Benzo(b)fluoranthene	23.361	252	23915	0.487	ng	99
38) Benzo(k)fluoranthene	23.414	252	22304	0.442	ng	99
39) Benzo(a)pyrene	24.034	252	18146	0.395	ng	99
40) Dibenzo(a,h)anthracene	26.843	278	17196	0.425	ng	100
41) Benzo(g,h,i)perylene	27.650	276	18618	0.397	ng	97

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

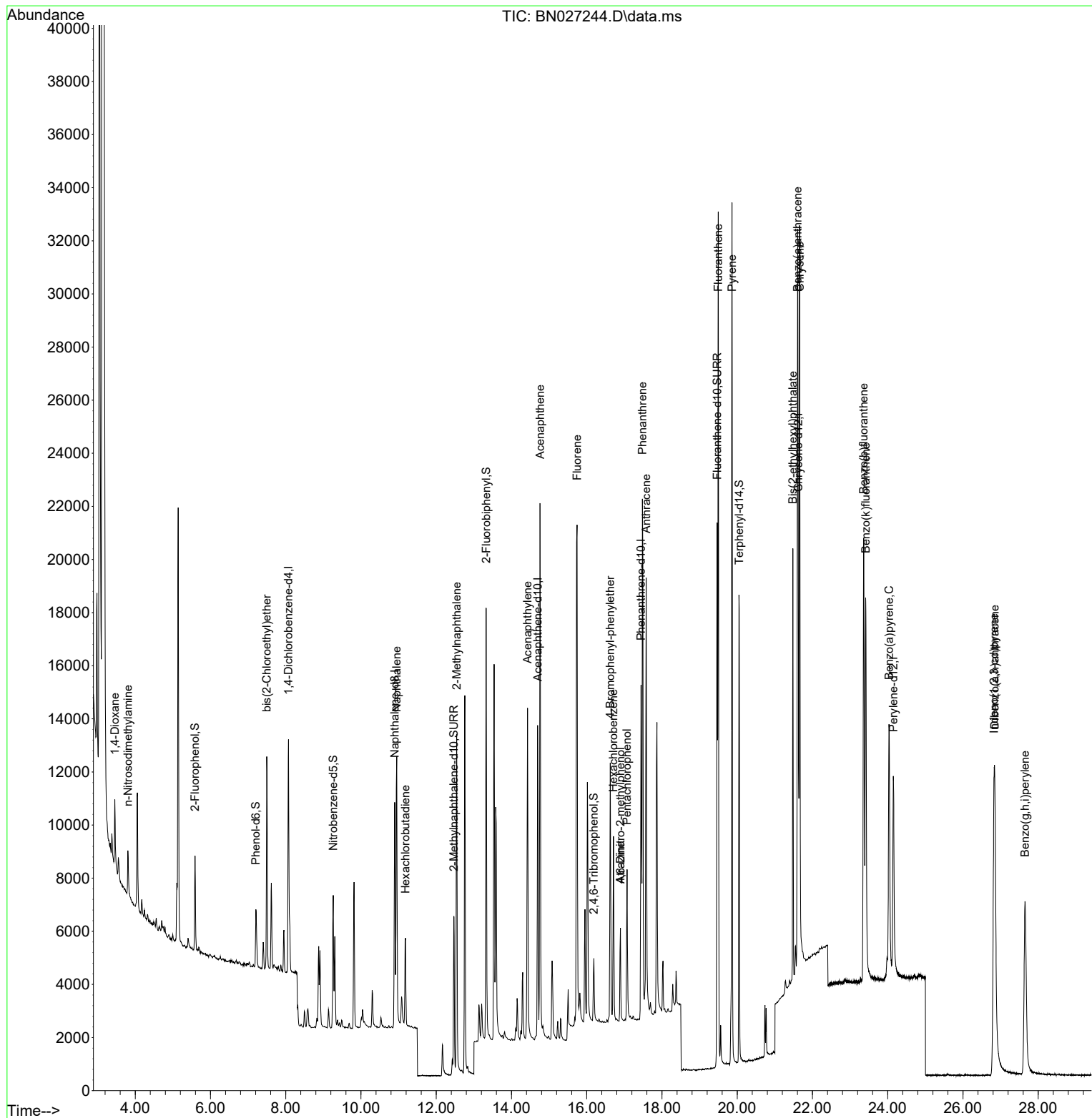
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
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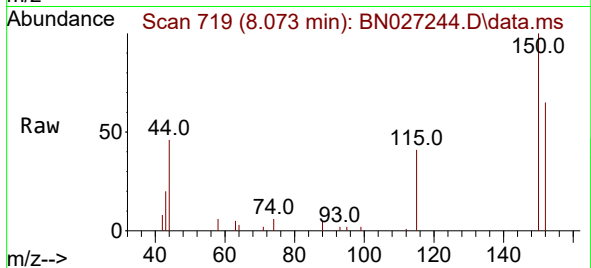
Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BN027244.D
 Acq: 29 Aug 2023 16:44

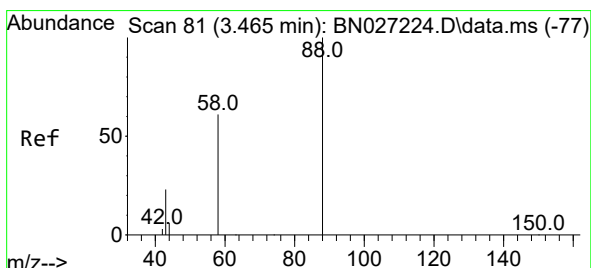
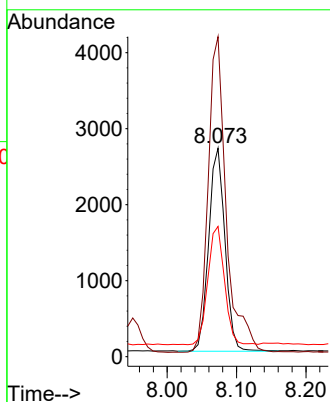
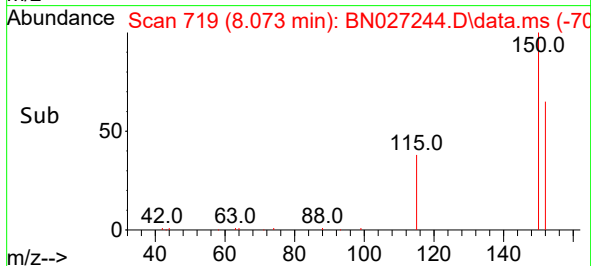
Instrument :
 BNA_N
 ClientSampleId :
 MW201D1-20230819MSD



Tgt Ion: 152 Resp: 435
 Ion Ratio Lower Upper
 152 100
 150 153.5 122.7 184.1
 115 62.5 48.6 73.0

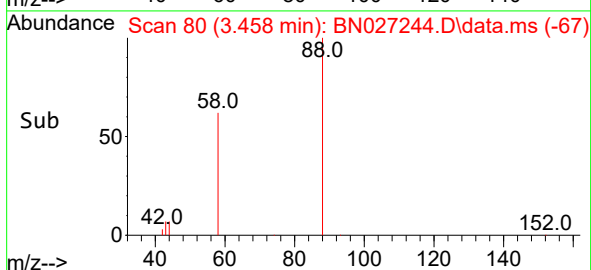
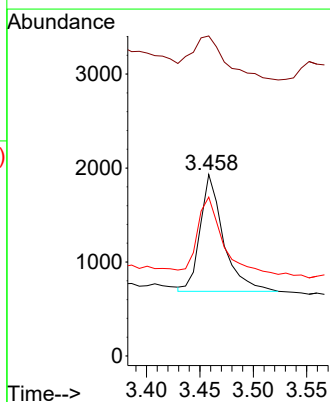
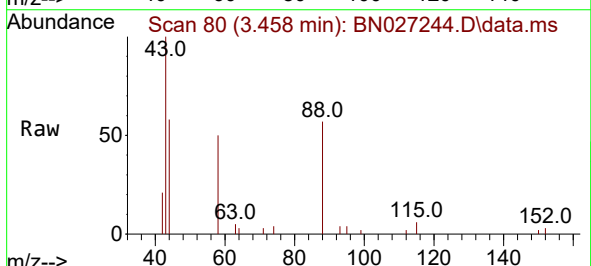
Manual Integrations
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Reviewed By :Yogesh Patel 08/30/2023
 Supervised By :mohammad ahmed 08/30/2023



#2
 1,4-Dioxane
 Concen: 0.355 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027244.D
 Acq: 29 Aug 2023 16:44

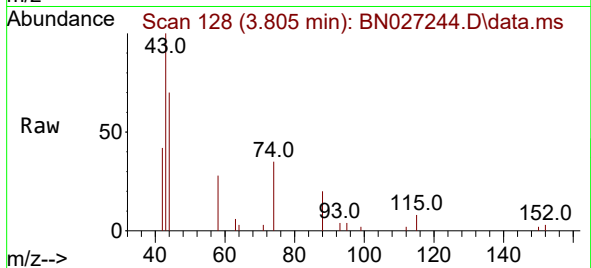
Tgt Ion: 88 Resp: 1885
 Ion Ratio Lower Upper
 88 100
 43 55.4 19.1 28.7#
 58 71.4 52.2 78.2





#3
n-Nitrosodimethylamine
Concen: 0.196 ng
RT: 3.805 min Scan# 129
Delta R.T. -0.007 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

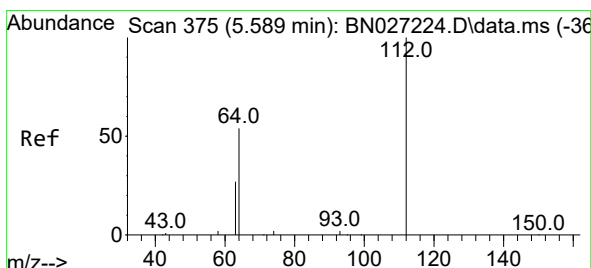
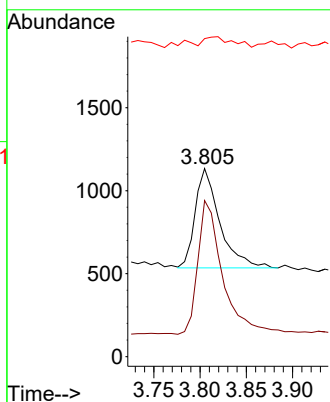
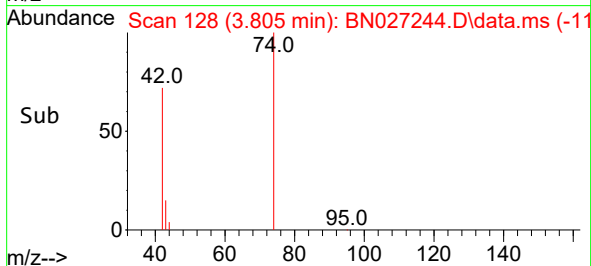
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 42 Resp: 110
Ion Ratio Lower Upper
42 100
74 132.4 113.8 170.8
44 11.9 7.3 10.9

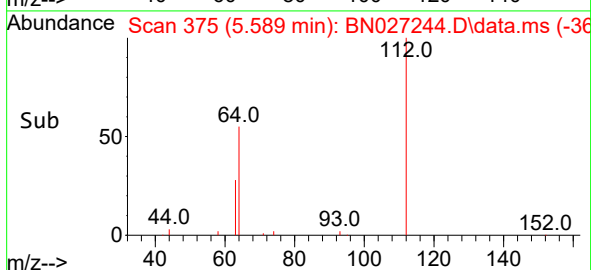
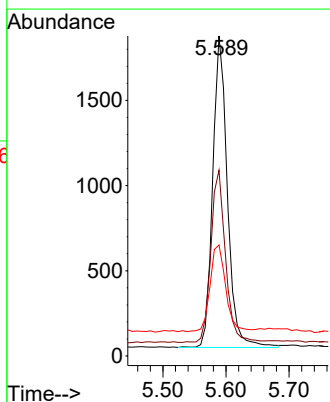
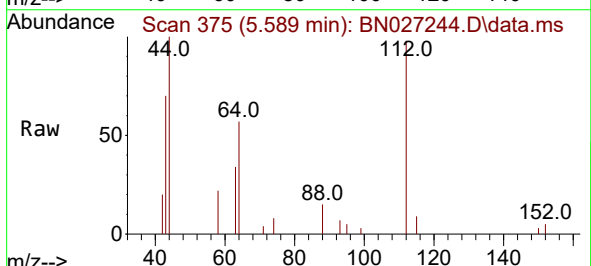
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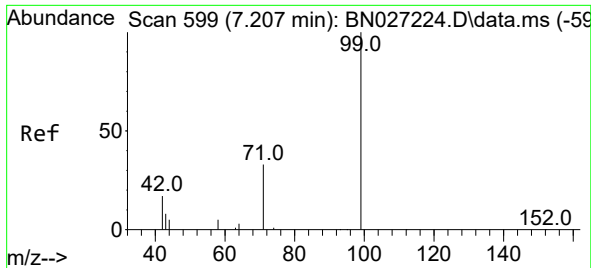
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#4
2-Fluorophenol
Concen: 0.260 ng
RT: 5.589 min Scan# 375
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

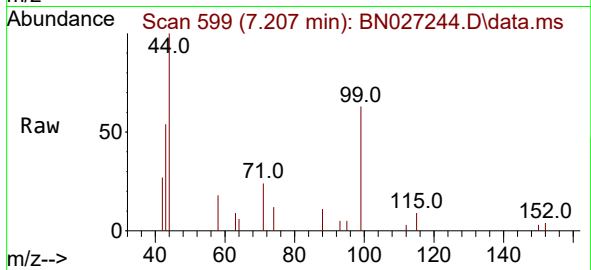
Tgt Ion:112 Resp: 2949
Ion Ratio Lower Upper
112 100
64 55.3 44.4 66.6
63 29.6 23.1 34.7





#5
Phenol-d6
Concen: 0.151 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

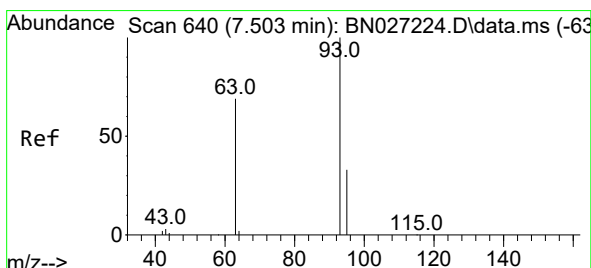
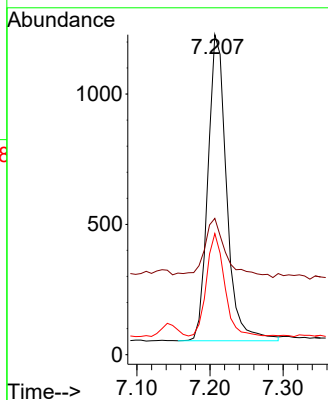
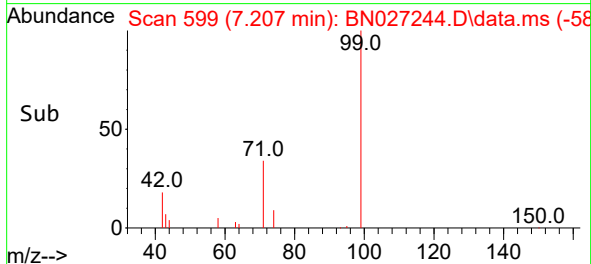
Instrument :
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Tgt Ion: 99 Resp: 2088
Ion Ratio Lower Upper
99 100
42 22.1 14.5 21.7
71 32.0 25.8 38.6

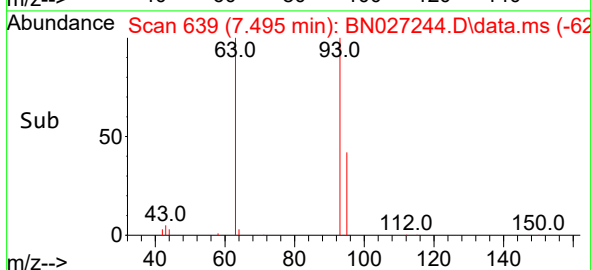
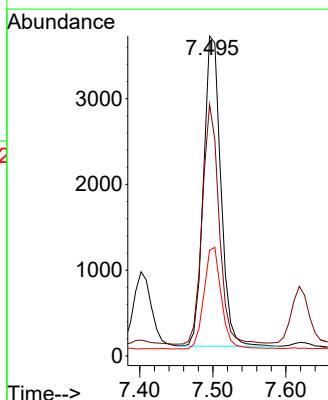
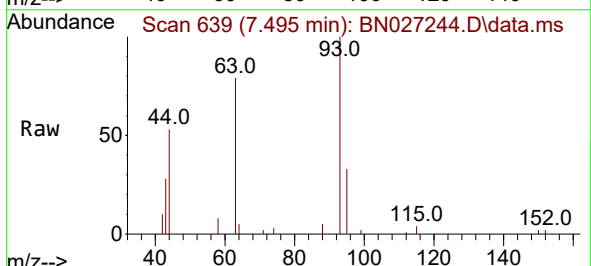
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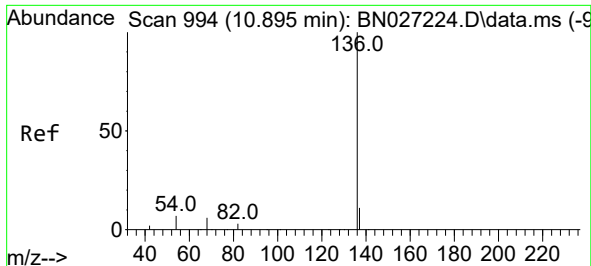
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.446 ng
RT: 7.495 min Scan# 639
Delta R.T. -0.007 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

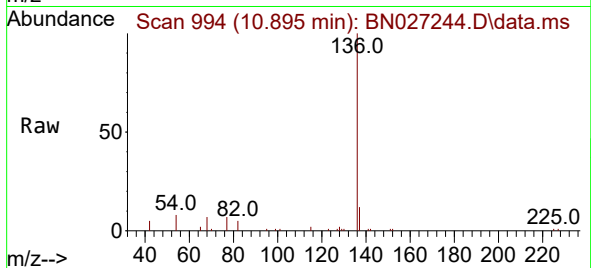
Tgt Ion: 93 Resp: 5942
Ion Ratio Lower Upper
93 100
63 75.1 58.5 87.7
95 33.2 26.1 39.1





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

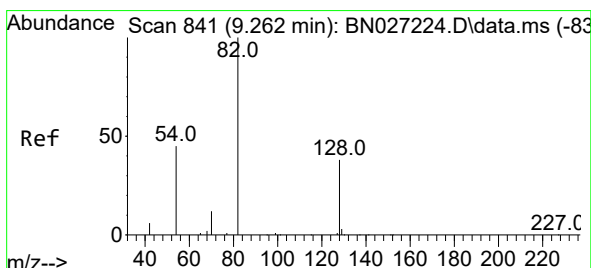
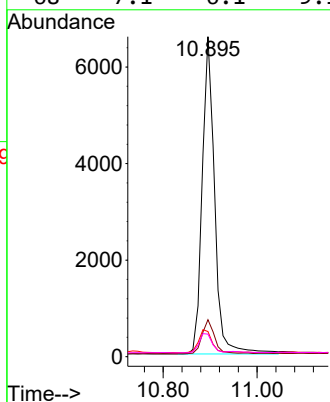
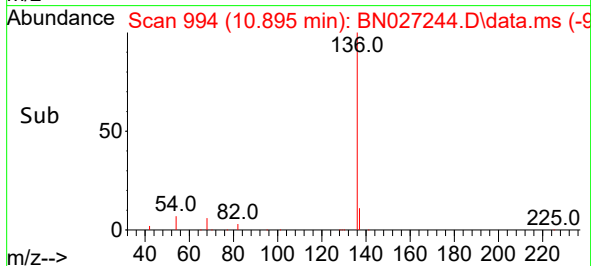
Instrument :
BNA_N
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MW201D1-20230819MSD



Tgt Ion:	136	Resp:	12079
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	7.8	6.7	10.1
68	7.1	6.1	9.1

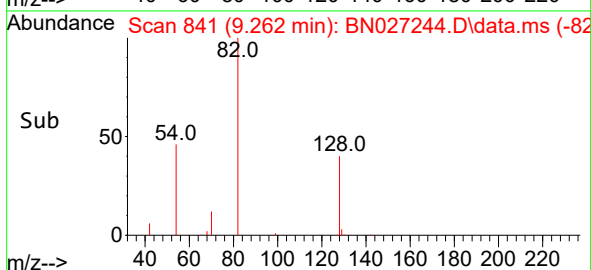
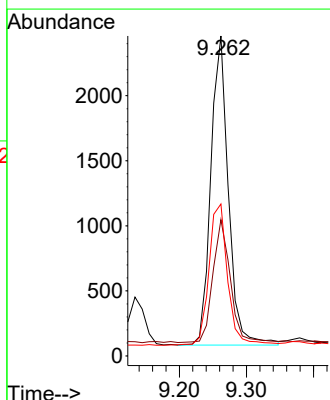
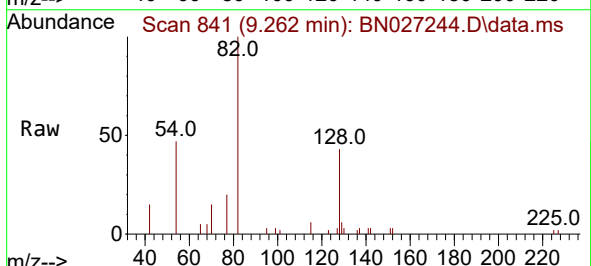
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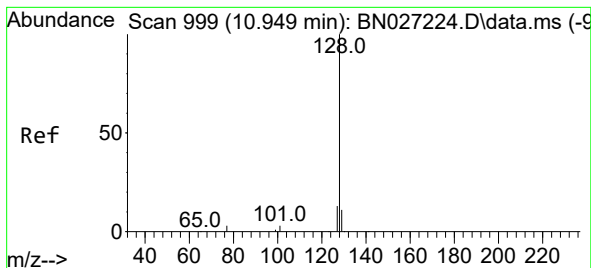
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#8
Nitrobenzene-d5
Concen: 0.492 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

Tgt Ion:	82	Resp:	4328
Ion Ratio	Lower	Upper	
82	100		
128	42.6	33.4	50.0
54	47.5	37.7	56.5





#9

Naphthalene

Concen: 0.450 ng

RT: 10.949 min Scan# 999

Delta R.T. -0.000 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

Instrument :

BNA_N

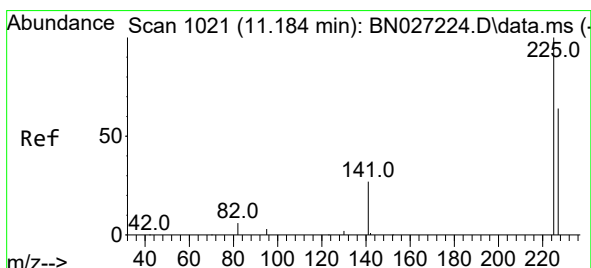
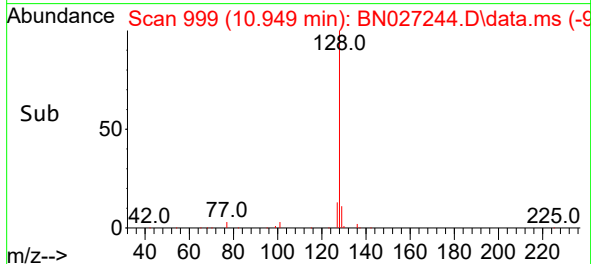
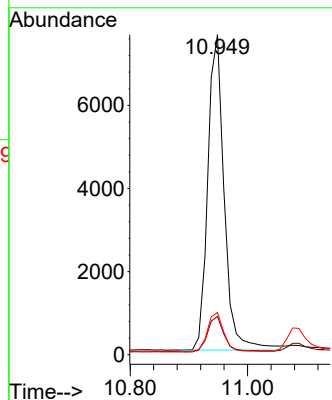
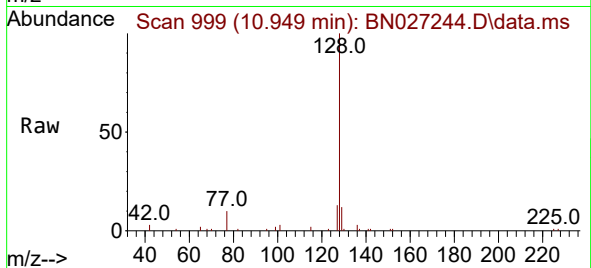
ClientSampleId :

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Tgt Ion:	128	Resp:	14818
Ion Ratio	Lower	Upper	
128	100		
129	11.9	9.4	14.0
127	13.2	10.6	15.8

Manual Integrations
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Supervised By :mohammad ahmed 08/30/2023



#10

Hexachlorobutadiene

Concen: 0.461 ng

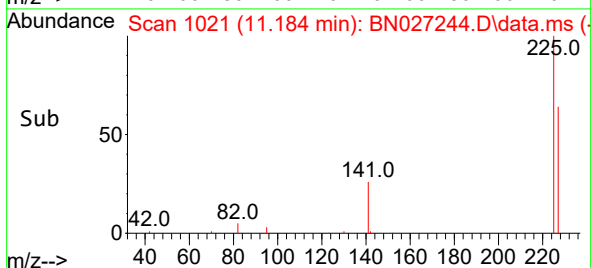
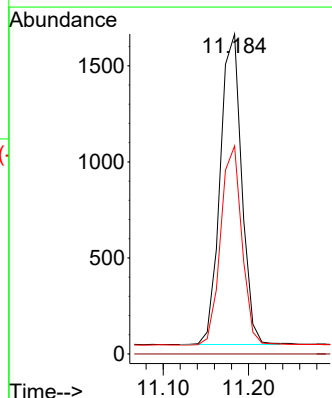
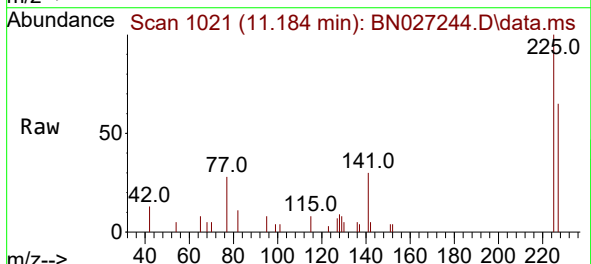
RT: 11.184 min Scan# 1021

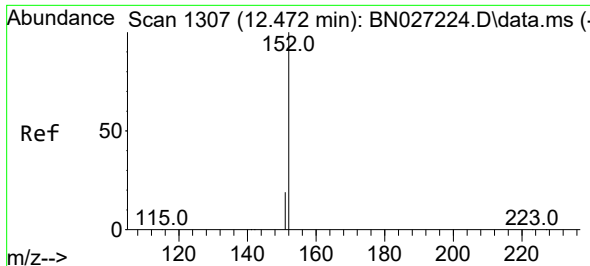
Delta R.T. -0.000 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

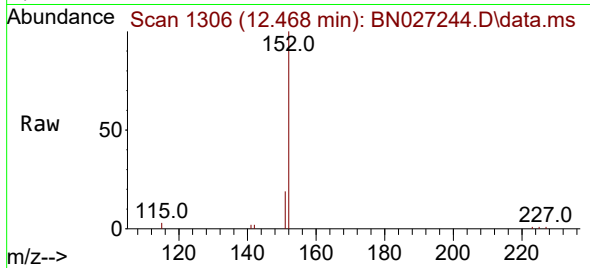
Tgt Ion:	225	Resp:	2832
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	63.1	50.6	75.8





#11
2-Methylnaphthalene-d10
Concen: 0.546 ng m
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

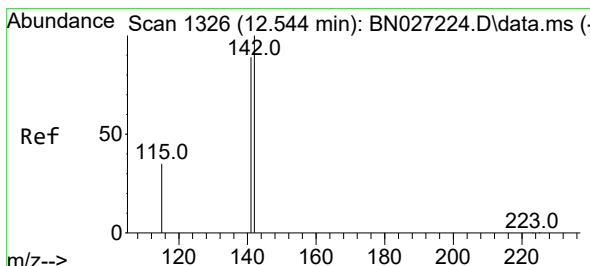
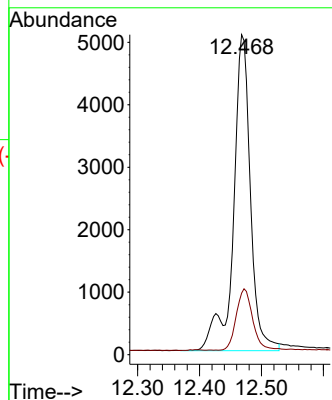
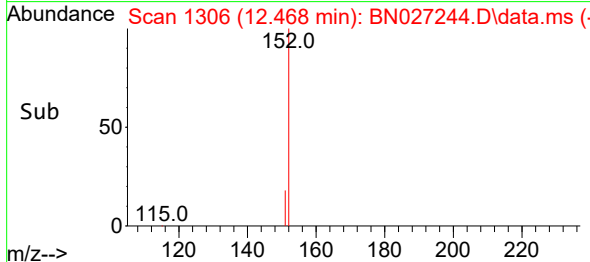
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:152 Resp: 968
Ion Ratio Lower Upper
152 100
151 18.7 16.6 25.0

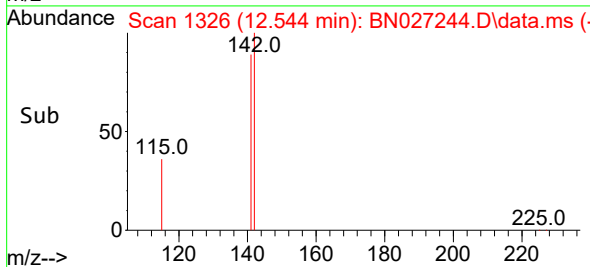
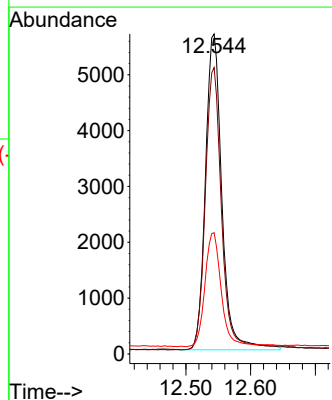
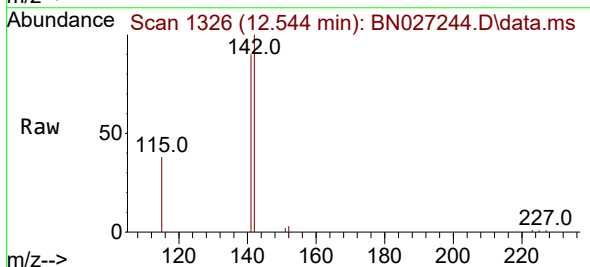
Manual Integrations
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Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#12
2-Methylnaphthalene
Concen: 0.426 ng
RT: 12.544 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

Tgt Ion:142 Resp: 9979
Ion Ratio Lower Upper
142 100
141 89.5 71.1 106.7
115 37.9 29.6 44.4





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.694 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BN027244.D

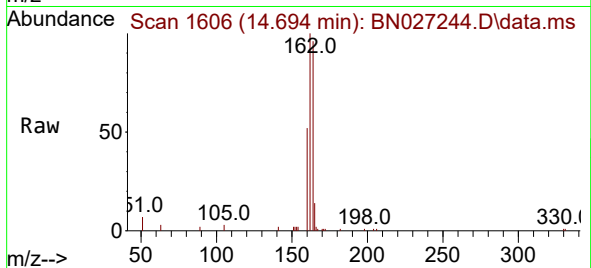
Acq: 29 Aug 2023 16:44

Instrument :

BNA_N

ClientSampleId :

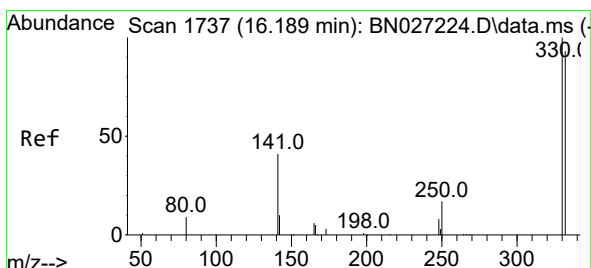
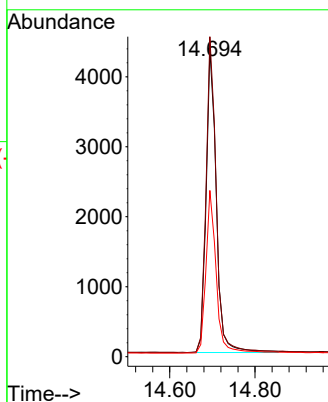
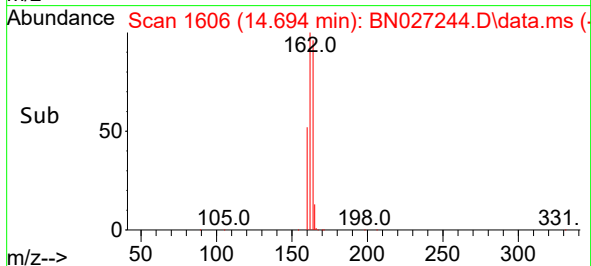
MW201D1-20230819MSD



Tgt Ion:	164	Resp:	719
Ion Ratio	Lower	Upper	
164	100		
162	104.1	85.8	128.8
160	54.1	44.2	66.2

Manual Integrations
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Supervised By :mohammad ahmed 08/30/2023



#14

2,4,6-Tribromophenol

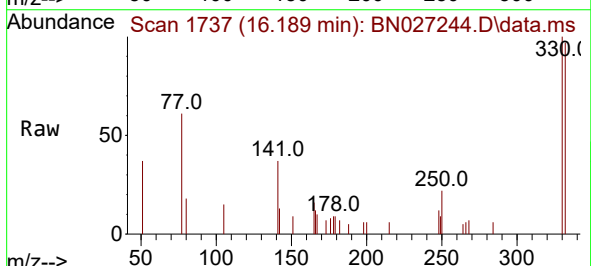
Concen: 0.565 ng

RT: 16.189 min Scan# 1737

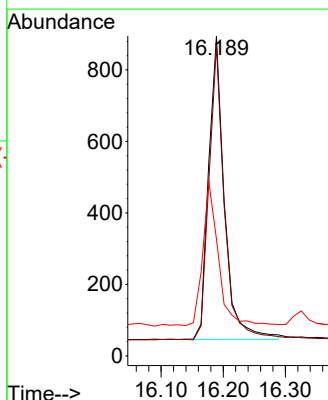
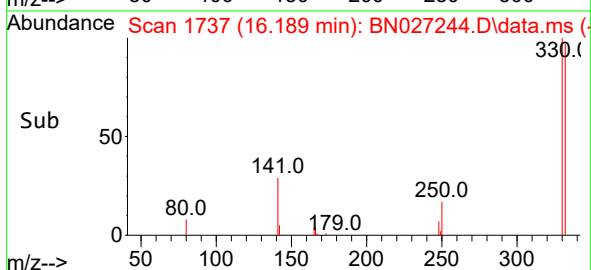
Delta R.T. -0.000 min

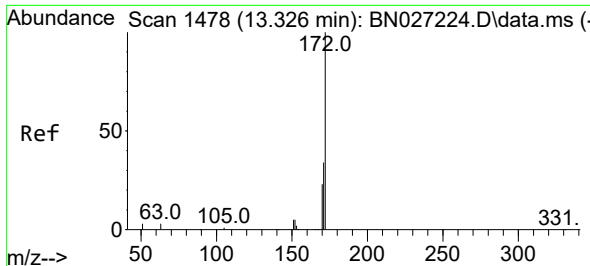
Lab File: BN027244.D

Acq: 29 Aug 2023 16:44



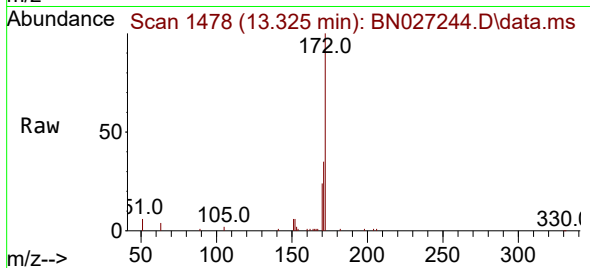
Tgt Ion:	330	Resp:	1505
Ion Ratio	Lower	Upper	
330	100		
332	93.8	75.2	112.8
141	45.6	36.2	54.4





#15
2-Fluorobiphenyl
Concen: 0.523 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

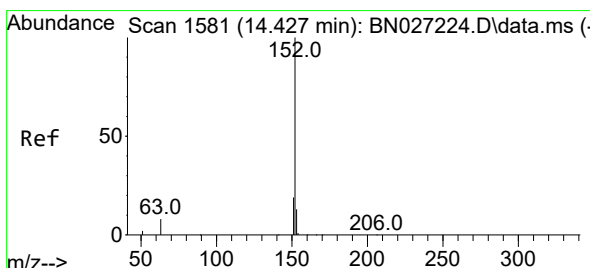
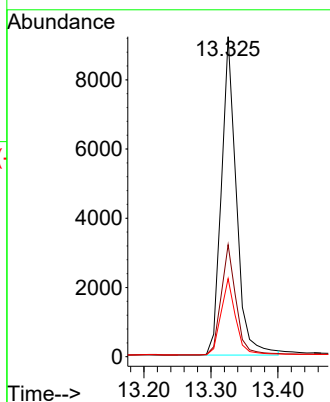
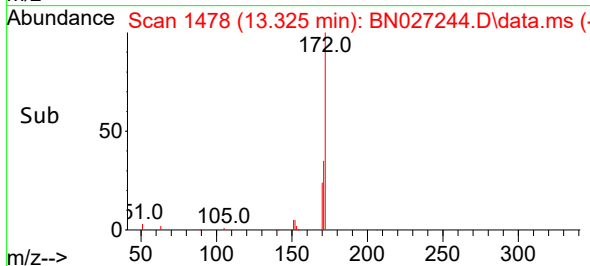
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:172 Resp: 14300
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.4 19.3 28.9

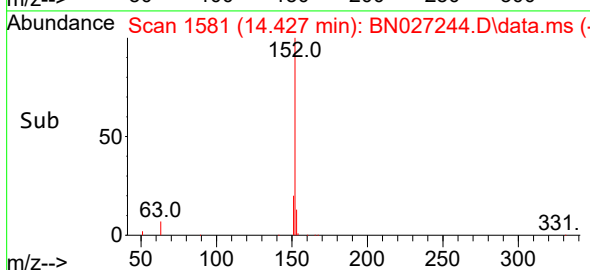
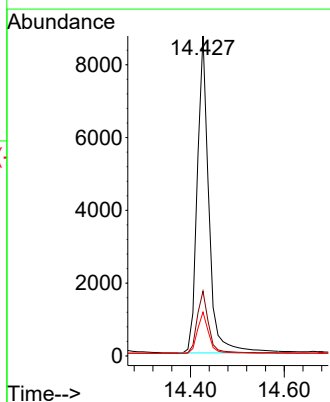
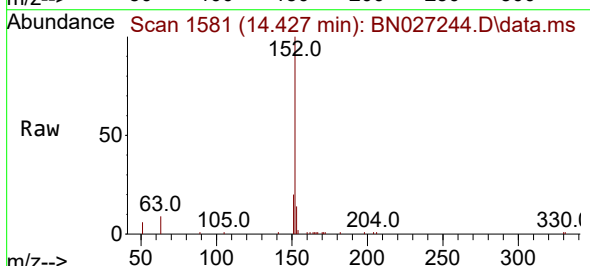
Manual Integrations
APPROVED

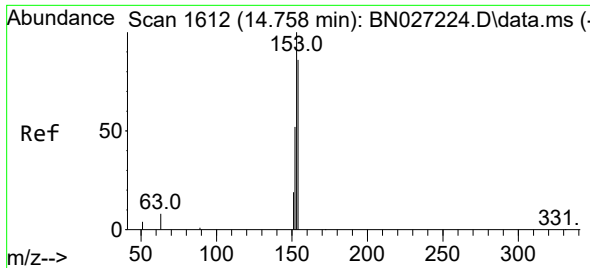
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#16
Acenaphthylene
Concen: 0.458 ng
RT: 14.427 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

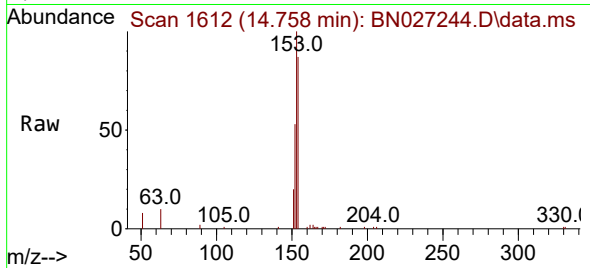
Tgt Ion:152 Resp: 15001
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.2 10.3 15.5





#17
Acenaphthene
Concen: 0.454 ng
RT: 14.758 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

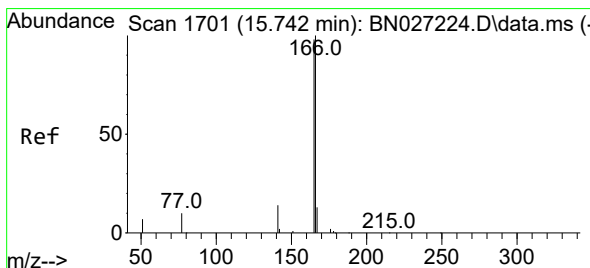
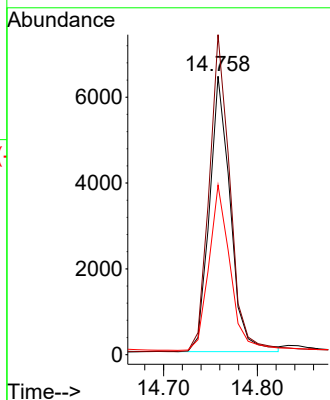
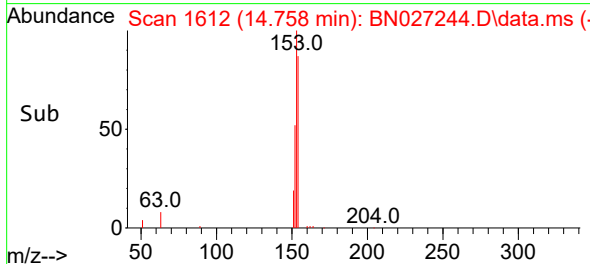
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:154 Resp: 992
Ion Ratio Lower Upper
154 100
153 117.6 93.1 139.7
152 62.2 48.6 73.0

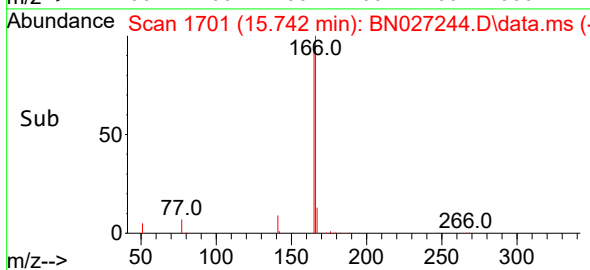
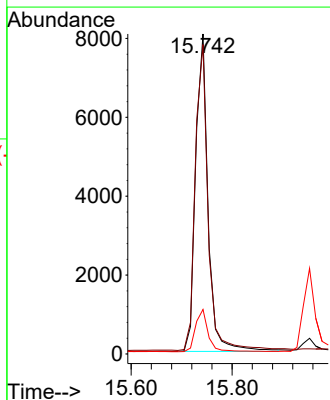
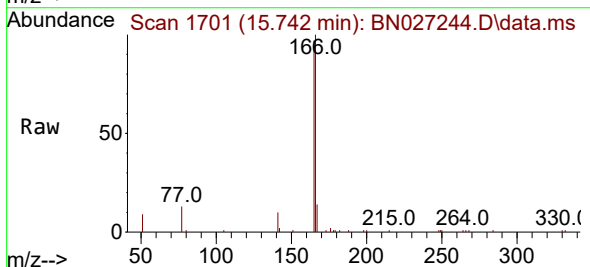
Manual Integrations
APPROVED

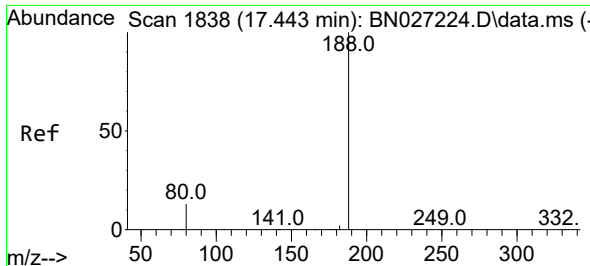
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#18
Fluorene
Concen: 0.474 ng
RT: 15.742 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

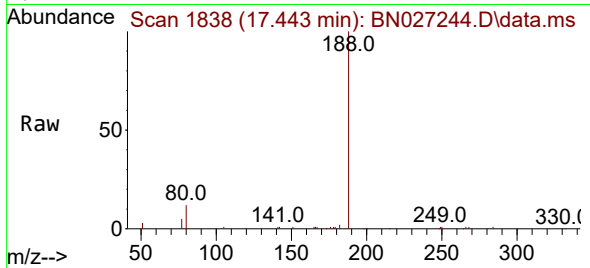
Tgt Ion:166 Resp: 13830
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 13.8 10.8 16.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

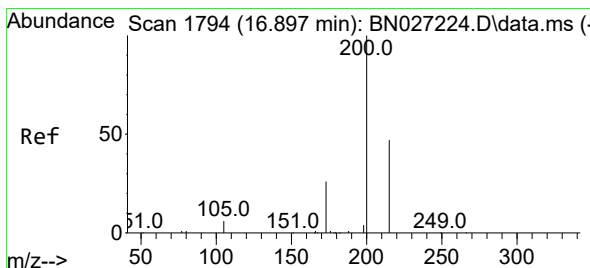
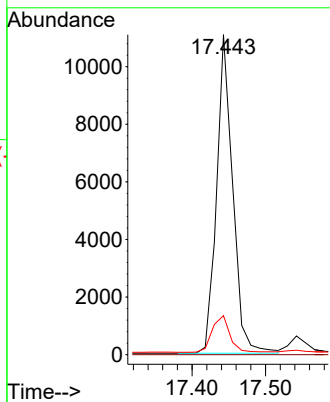
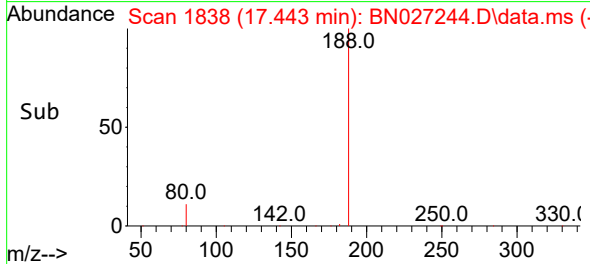
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:188 Resp: 16870
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 11.0 16.6

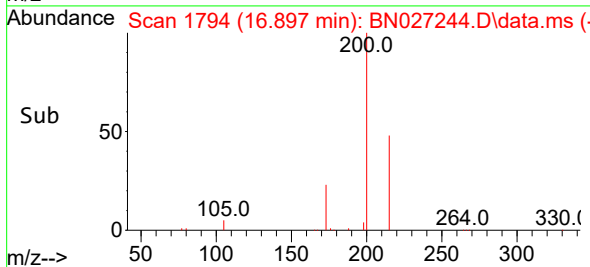
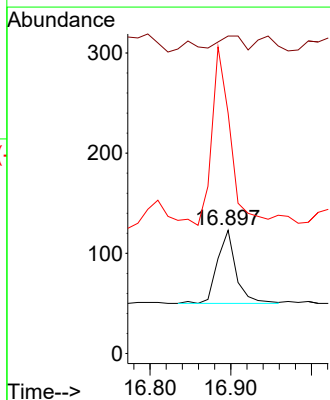
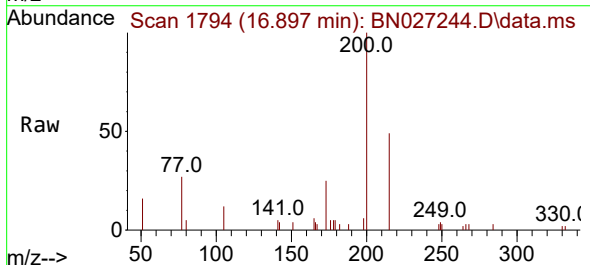
Manual Integrations
APPROVED

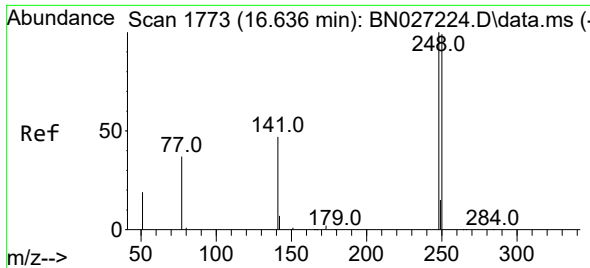
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.491 ng
RT: 16.897 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

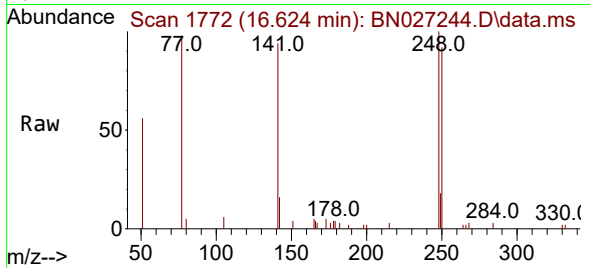
Tgt Ion:198 Resp: 118
Ion Ratio Lower Upper
198 100
51 257.7 282.2 423.2#
105 195.1 168.7 253.1





#21
4-Bromophenyl-phenylether
Concen: 0.454 ng
RT: 16.624 min Scan# 1772
Delta R.T. -0.012 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

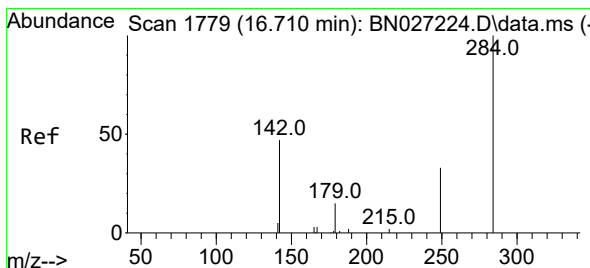
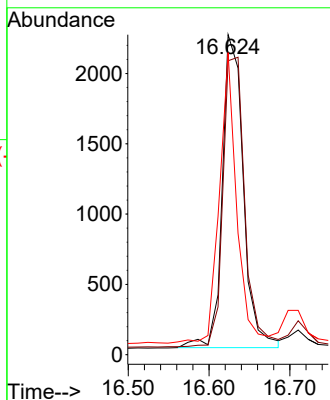
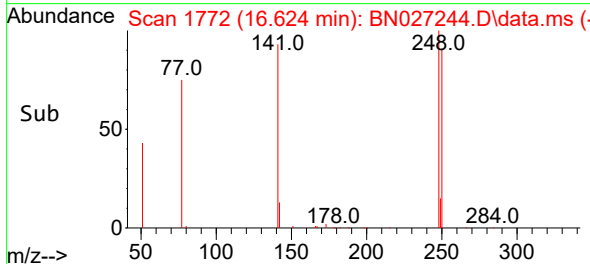
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:248 Resp: 4030
Ion Ratio Lower Upper
248 100
250 91.8 79.7 119.5
141 94.4 39.8 59.8

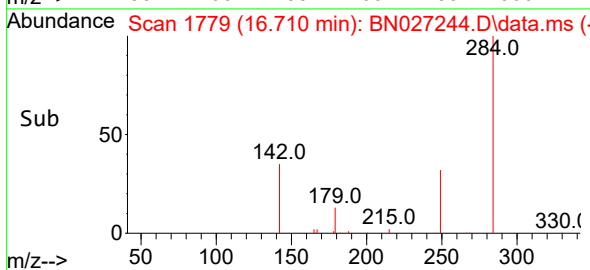
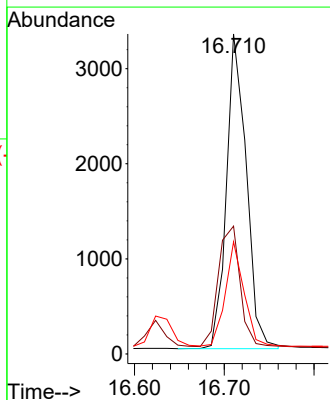
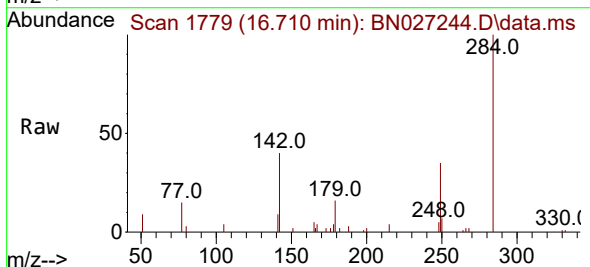
Manual Integrations
APPROVED

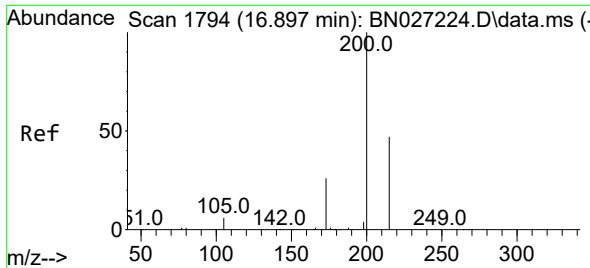
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#22
Hexachlorobenzene
Concen: 0.481 ng
RT: 16.710 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

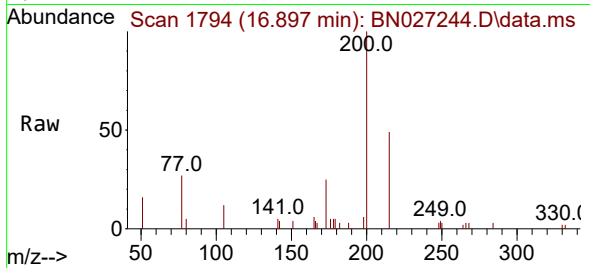
Tgt Ion:284 Resp: 5076
Ion Ratio Lower Upper
284 100
142 42.0 32.9 49.3
249 30.9 24.3 36.5





#23
Atrazine
Concen: 0.447 ng
RT: 16.897 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

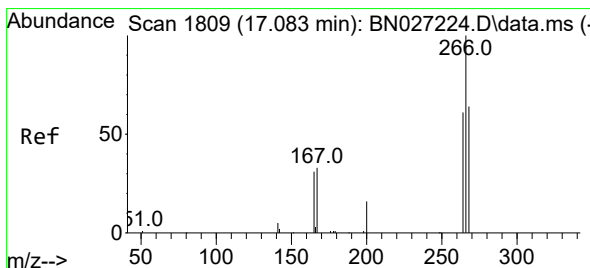
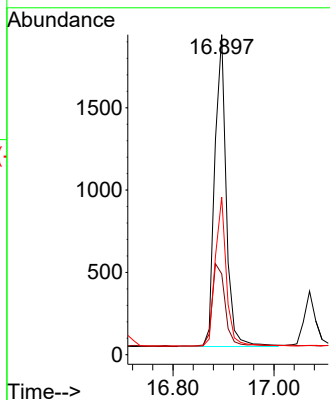
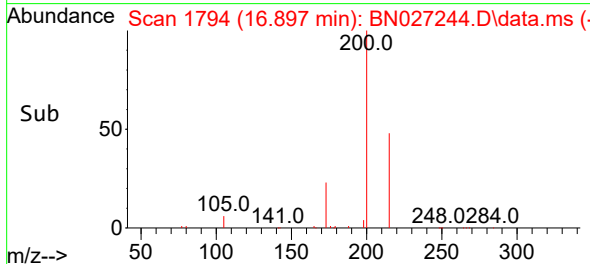
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:200 Resp: 2978
Ion Ratio Lower Upper
200 100
173 25.3 22.5 33.7
215 49.3 39.0 58.6

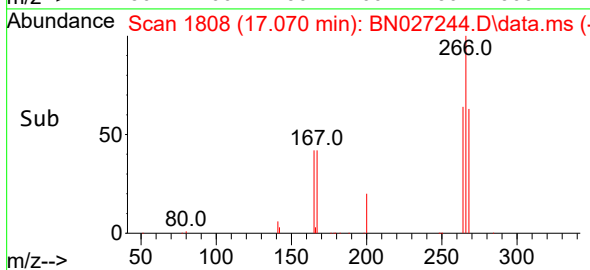
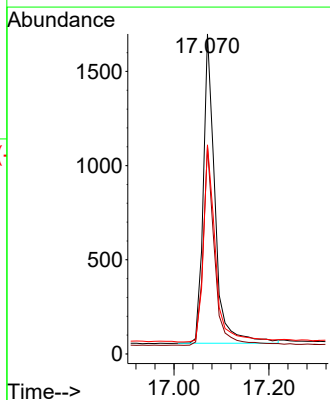
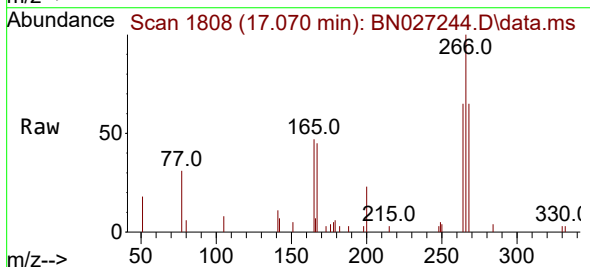
Manual Integrations
APPROVED

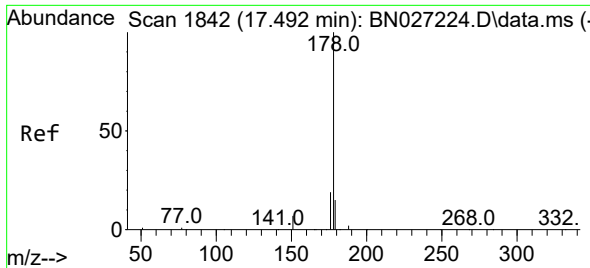
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#24
Pentachlorophenol
Concen: 0.696 ng
RT: 17.070 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

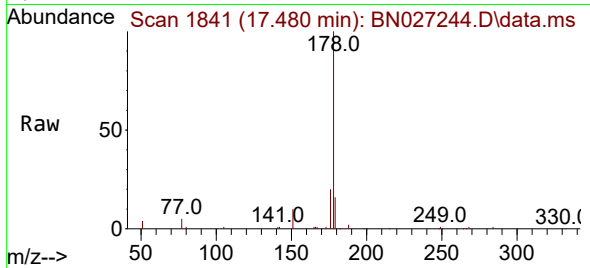
Tgt Ion:266 Resp: 2825
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 64.6 52.0 78.0





#25
Phenanthrene
Concen: 0.478 ng
RT: 17.480 min Scan# 1841
Delta R.T. -0.012 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

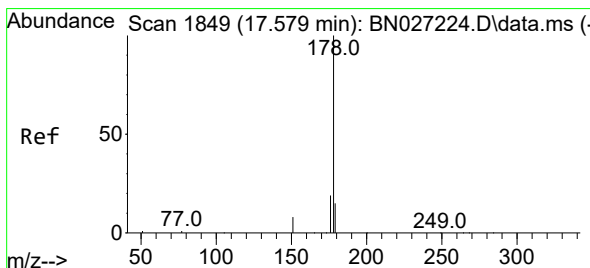
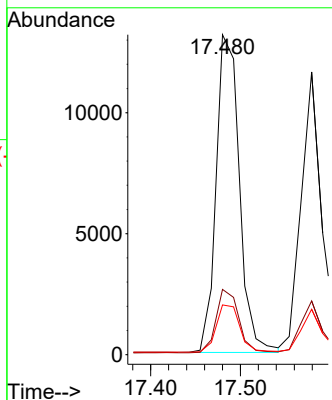
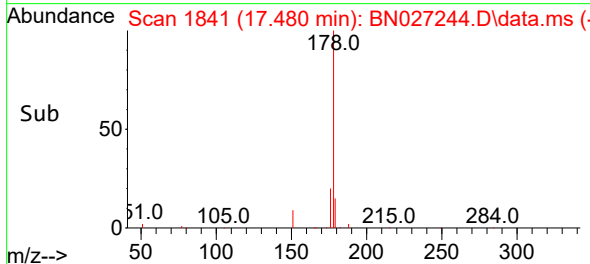
Instrument : BNA_N
ClientSampleId : MW201D1-20230819MSD



Tgt Ion:178 Resp: 23689
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.4 12.3 18.5

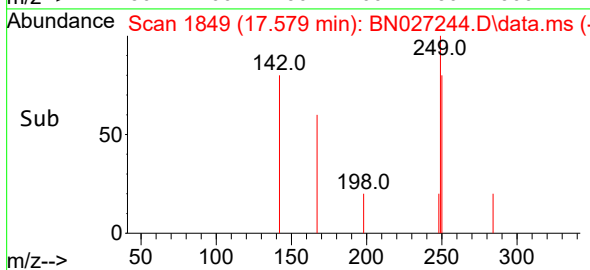
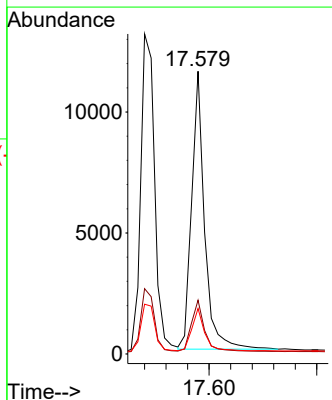
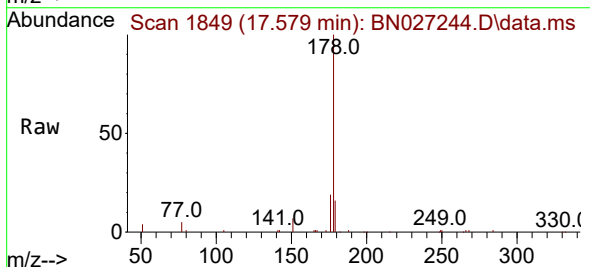
Manual Integrations
APPROVED

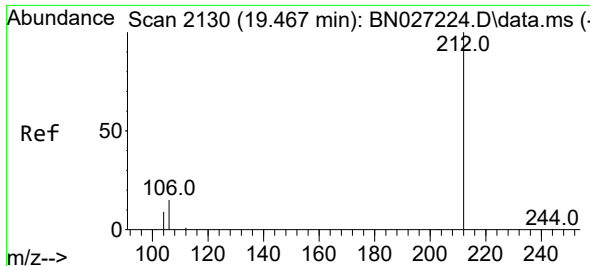
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#26
Anthracene
Concen: 0.456 ng
RT: 17.579 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

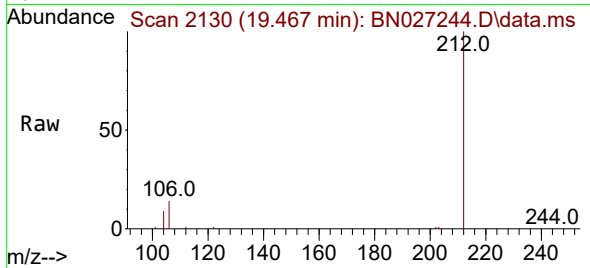
Tgt Ion:178 Resp: 19188
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 14.7 12.0 18.0





#27
Fluoranthene-d10
Concen: 0.554 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

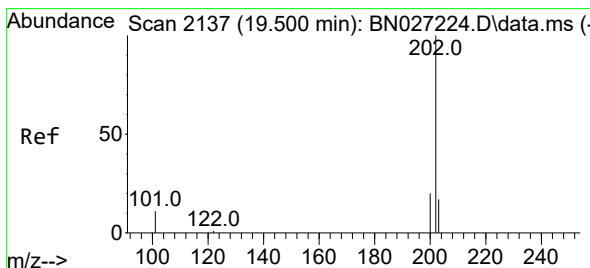
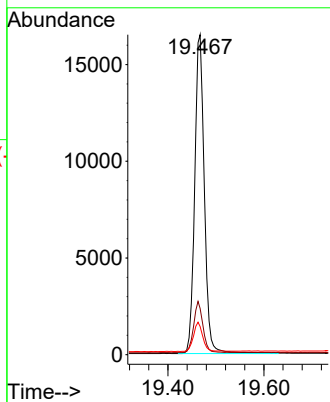
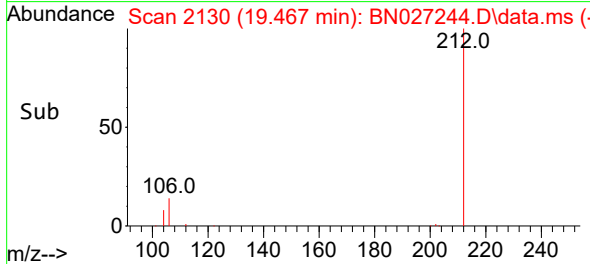
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:212 Resp: 23234
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 8.7 6.9 10.3

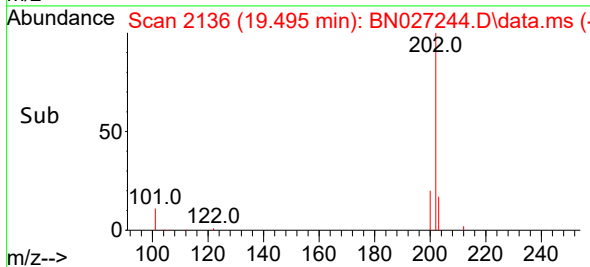
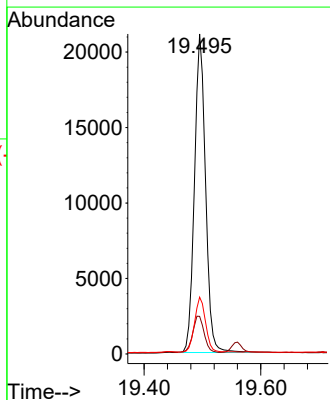
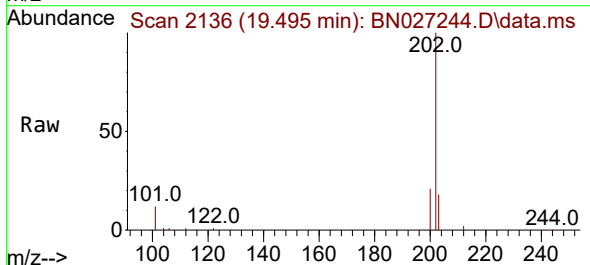
Manual Integrations
APPROVED

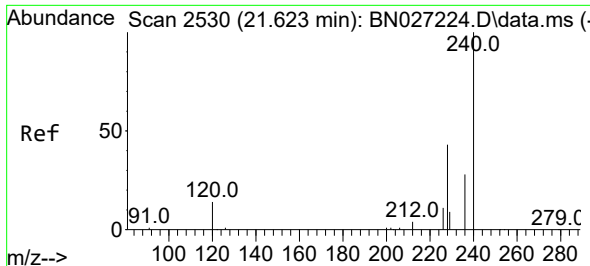
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#28
Fluoranthene
Concen: 0.477 ng
RT: 19.495 min Scan# 2136
Delta R.T. -0.005 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

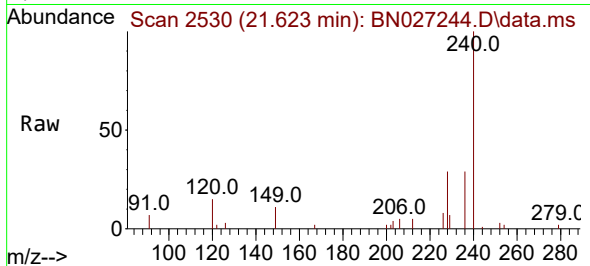
Tgt Ion:202 Resp: 27807
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
203 17.1 13.6 20.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

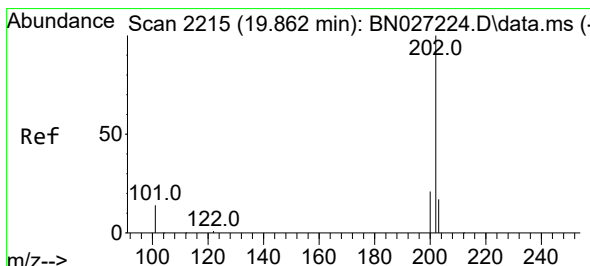
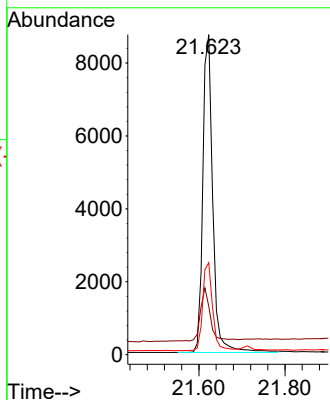
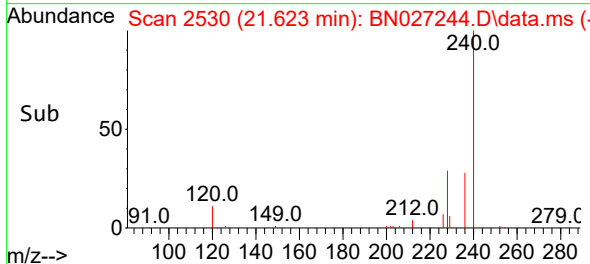
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:240 Resp: 14060
Ion Ratio Lower Upper
240 100
120 15.1 14.2 21.4
236 28.8 22.9 34.3

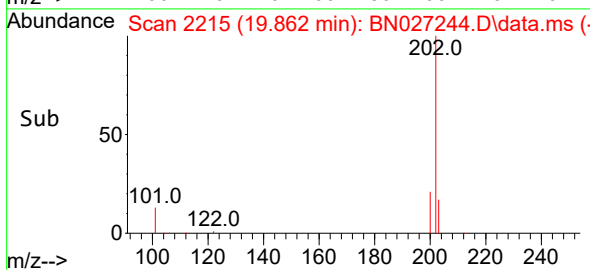
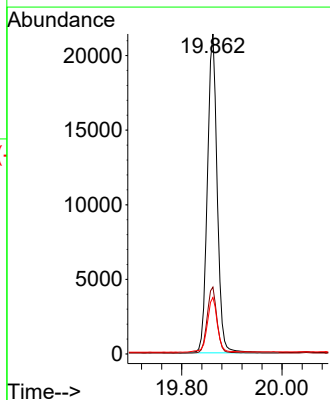
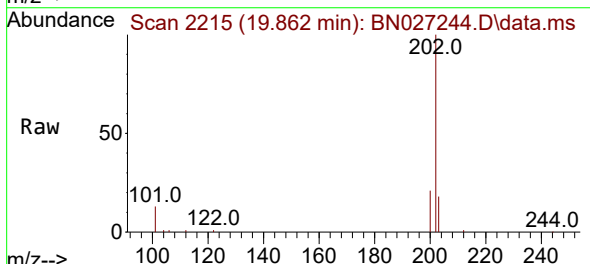
Manual Integrations
APPROVED

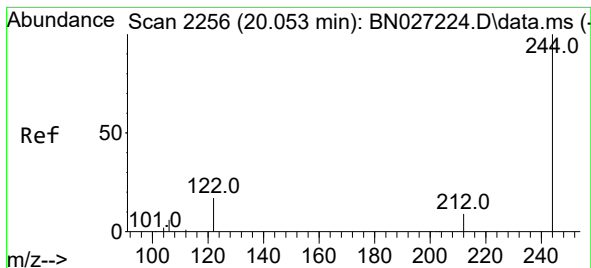
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#30
Pyrene
Concen: 0.518 ng
RT: 19.862 min Scan# 2215
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

Tgt Ion:202 Resp: 28978
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.7 14.2 21.4





#31

Terphenyl-d14

Concen: 0.615 ng

RT: 20.053 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

Instrument :

BNA_N

ClientSampleId :

MW201D1-20230819MSD

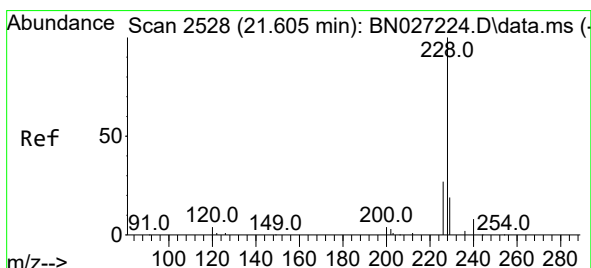
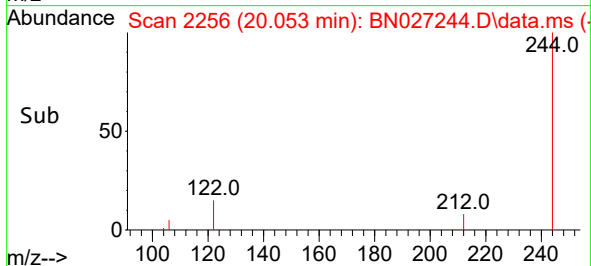
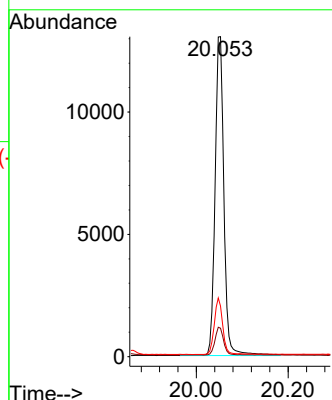
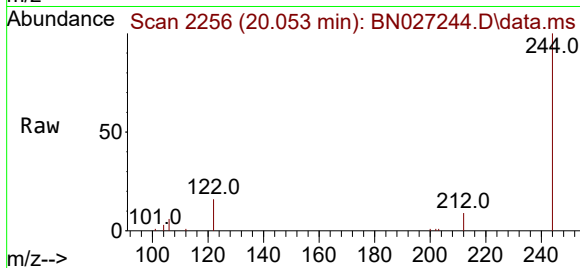
Tgt Ion:244	Resp:	17384
Ion Ratio	Lower	Upper
244	100	
212	8.9	7.5 11.3
122	15.8	14.0 21.0

Manual Integrations

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Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#32

Benzo(a)anthracene

Concen: 0.481 ng

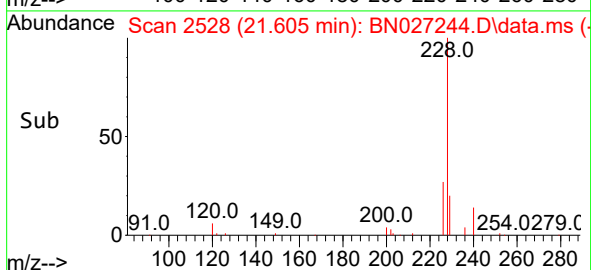
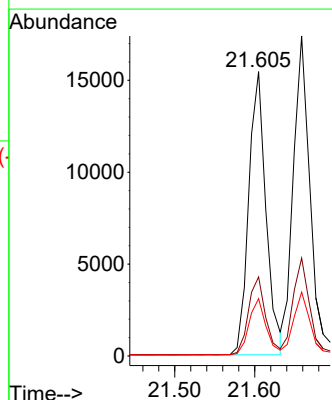
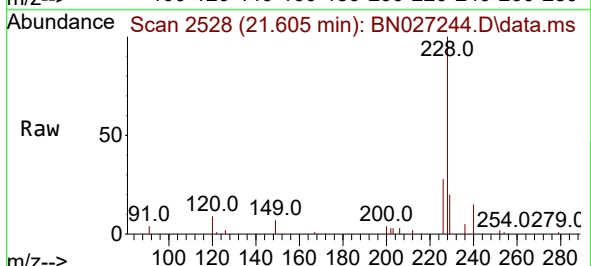
RT: 21.605 min Scan# 2528

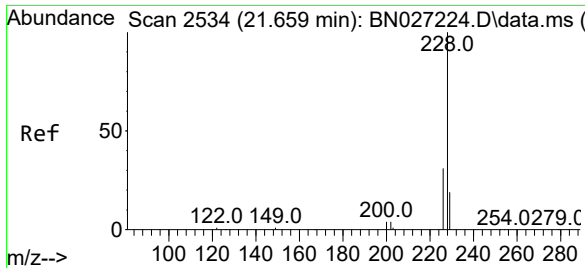
Delta R.T. -0.000 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

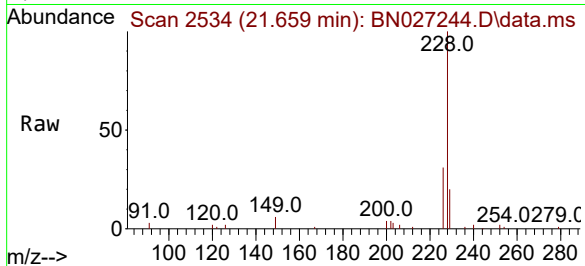
Tgt Ion:228	Resp:	23187
Ion Ratio	Lower	Upper
228	100	
226	27.8	21.9 32.9
229	20.2	15.7 23.5





#33
Chrysene
Concen: 0.473 ng
RT: 21.659 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

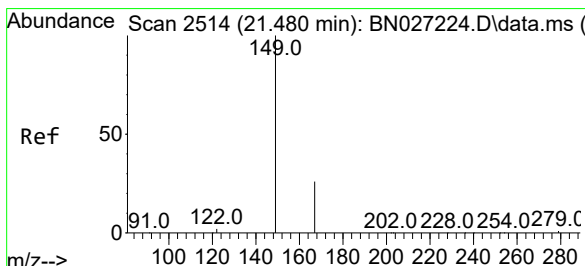
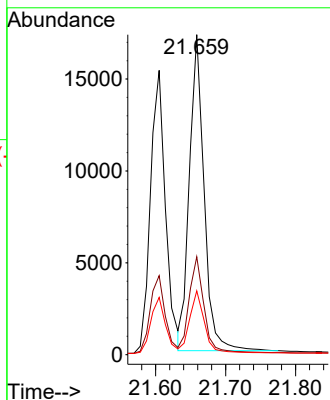
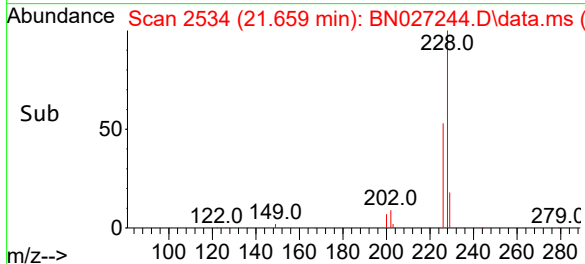
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion: 228 Resp: 25070
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.0 15.4 23.2

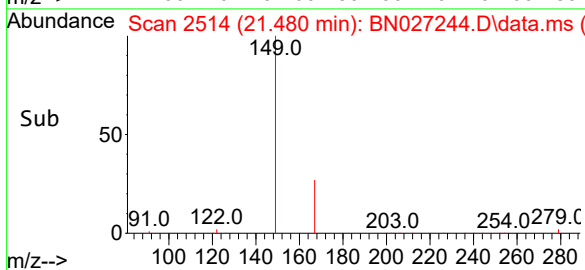
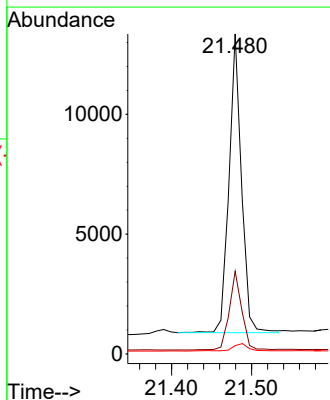
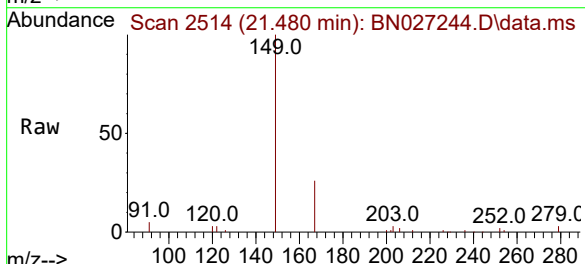
Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 08/30/2023
Supervised By : mohammad ahmed 08/30/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.580 ng
RT: 21.480 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

Tgt Ion: 149 Resp: 13491
Ion Ratio Lower Upper
149 100
167 26.5 22.1 33.1
279 3.2 2.7 4.1





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.151 min Scan# 31

Delta R.T. -0.006 min

Lab File: BN027244.D

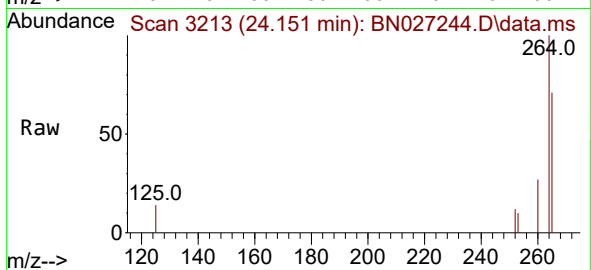
Acq: 29 Aug 2023 16:44

Instrument :

BNA_N

ClientSampleId :

MW201D1-20230819MSD



Tgt Ion:264 Resp: 12700

Ion Ratio Lower Upper

264 100

260 26.8 20.7 31.1

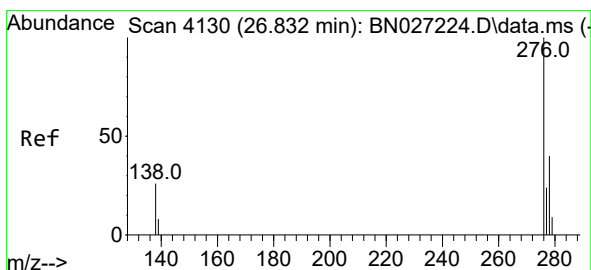
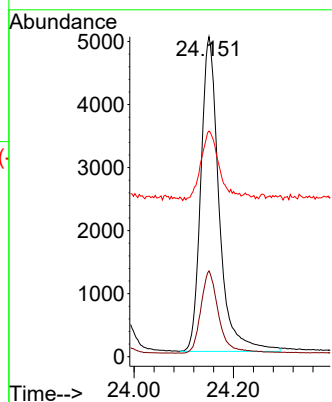
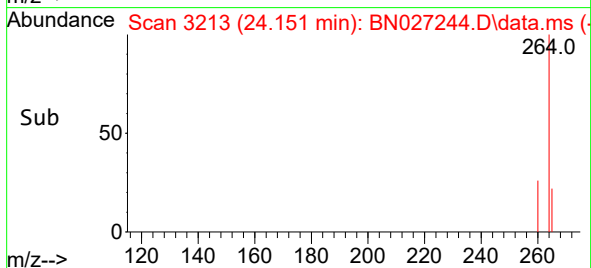
265 70.5 53.3 79.9

Manual Integrations

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Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.409 ng

RT: 26.823 min Scan# 4127

Delta R.T. -0.009 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

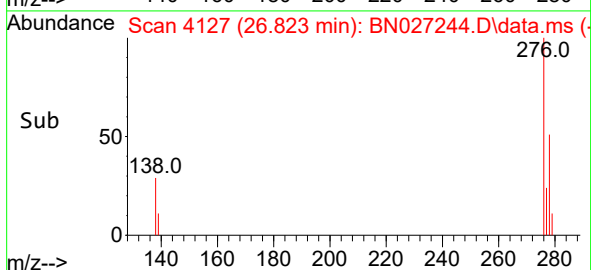
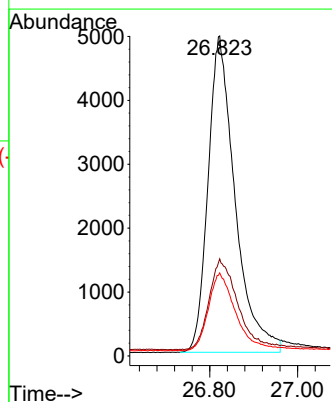
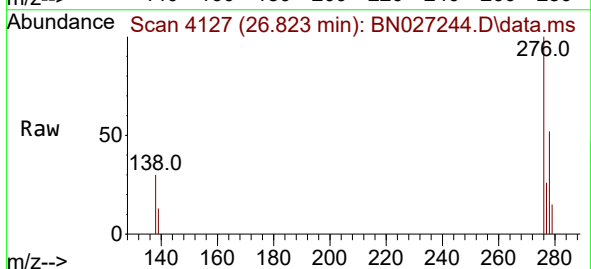
Tgt Ion:276 Resp: 21083

Ion Ratio Lower Upper

276 100

138 30.2 23.4 35.2

277 24.7 19.8 29.8





#37

Benzo(b)fluoranthene

Concen: 0.487 ng

RT: 23.361 min Scan# 2943

Delta R.T. -0.006 min

Lab File: BN027244.D

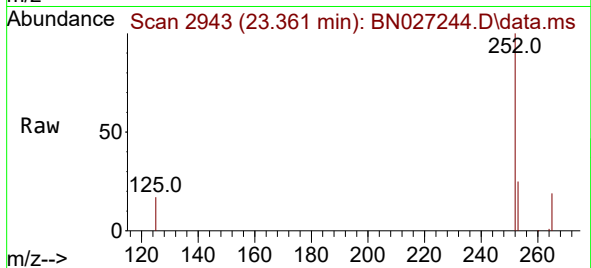
Acq: 29 Aug 2023 16:44

Instrument :

BNA_N

ClientSampleId :

MW201D1-20230819MSD



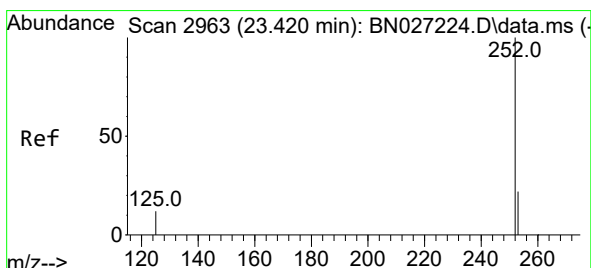
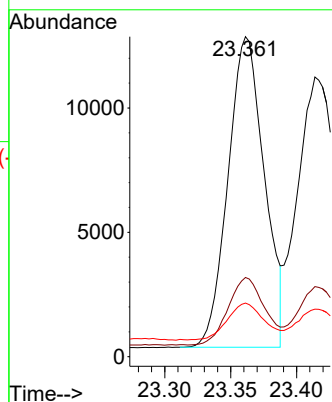
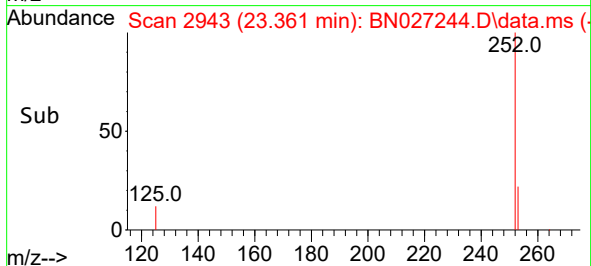
Tgt Ion:	252	Resp:	2391
Ion Ratio	Lower	Upper	
252	100		
253	24.8	19.9	29.9
125	16.8	13.8	20.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/30/2023

Supervised By :mohammad ahmed 08/30/2023



#38

Benzo(k)fluoranthene

Concen: 0.442 ng

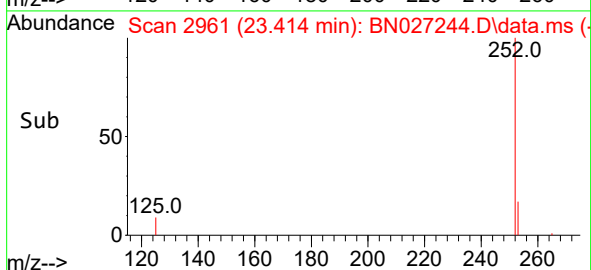
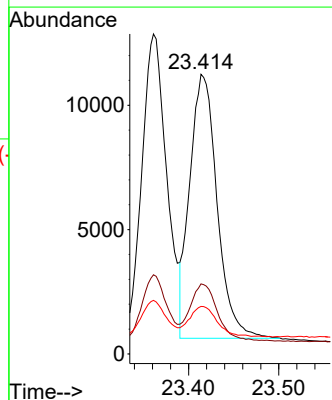
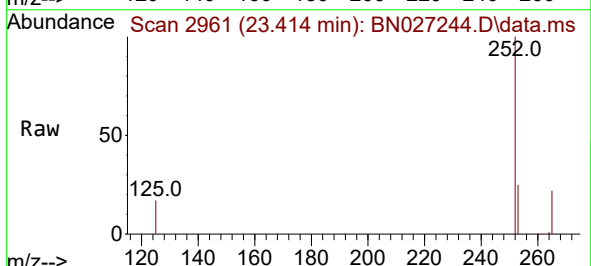
RT: 23.414 min Scan# 2961

Delta R.T. -0.006 min

Lab File: BN027244.D

Acq: 29 Aug 2023 16:44

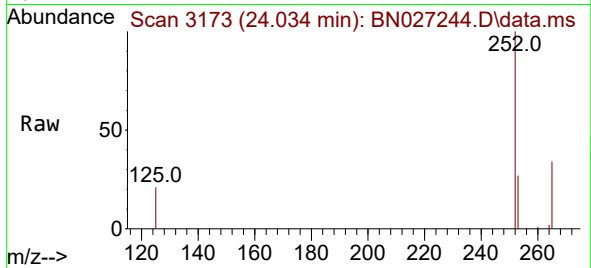
Tgt Ion:	252	Resp:	22304
Ion Ratio	Lower	Upper	
252	100		
253	25.1	20.2	30.2
125	17.0	14.1	21.1





#39
Benzo(a)pyrene
Concen: 0.395 ng
RT: 24.034 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

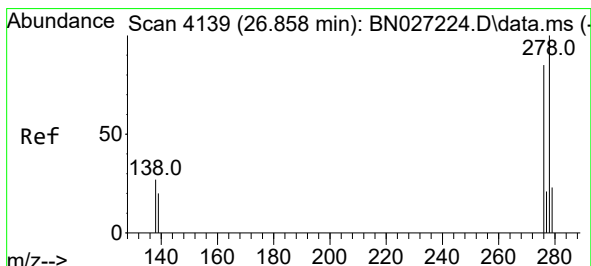
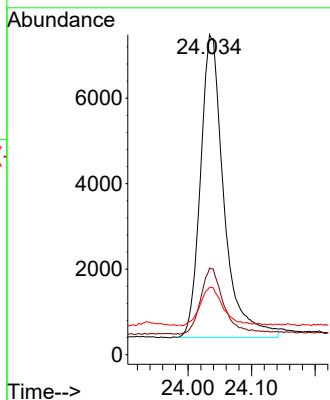
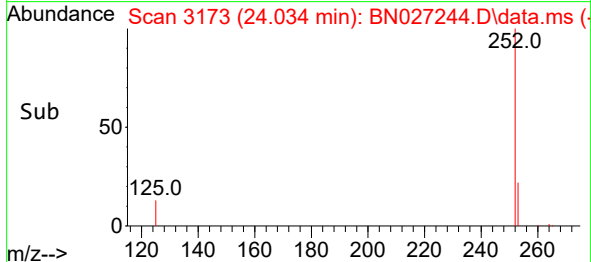
Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:252 Resp: 18140
Ion Ratio Lower Upper
252 100
253 27.1 21.4 32.0
125 21.1 16.5 24.7

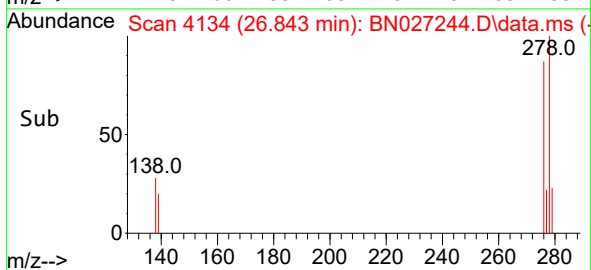
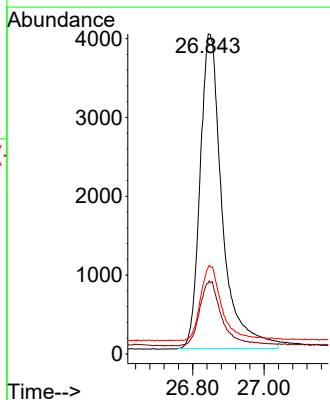
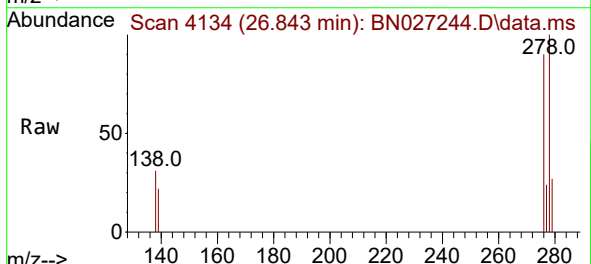
Manual Integrations
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Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.425 ng
RT: 26.843 min Scan# 4134
Delta R.T. -0.015 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

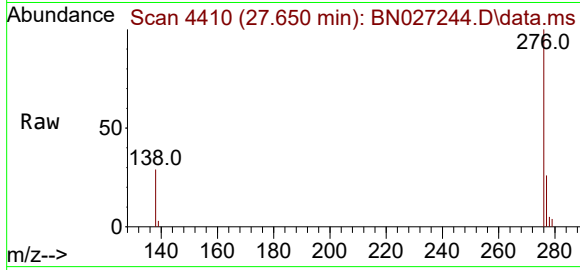
Tgt Ion:278 Resp: 17196
Ion Ratio Lower Upper
278 100
139 22.1 17.9 26.9
279 27.0 21.8 32.6





#41
Benzo(g,h,i)perylene
Concen: 0.397 ng
RT: 27.650 min Scan# 4414
Delta R.T. -0.012 min
Lab File: BN027244.D
Acq: 29 Aug 2023 16:44

Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MSD



Tgt Ion:276 Resp: 18618
Ion Ratio Lower Upper
276 100
277 26.2 19.6 29.4
138 29.0 22.1 33.1

Manual Integrations
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Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

