

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
 Data File : BN027776.D
 Acq On : 20 Sep 2023 22:53
 Operator : MA/JU
 Sample : 04367-02MS 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MS

Quant Time: Sep 21 04:24:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 20 13:45:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.008	152	3604	0.400	ng	0.00
7) Naphthalene-d8	10.831	136	11970	0.400	ng	0.00
13) Acenaphthene-d10	14.640	164	6669	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	17056	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	18577	0.400	ng	# 0.00
35) Perylene-d12	24.063	264	19871	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.538	112	371	0.041	ng	0.00
5) Phenol-d6	7.156	99	461	0.040	ng	0.00
8) Nitrobenzene-d5	9.208	82	482	0.051	ng	0.00
11) 2-Methylnaphthalene-d10	12.407	152	587	0.034	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	109	0.038	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	886	0.039	ng	0.00
27) Fluoranthene-d10	19.416	212	1797	0.041	ng	0.00
31) Terphenyl-d14	20.001	244	1660	0.046	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	175	0.040	ng	# 72
3) n-Nitrosodimethylamine	3.776	42	216	0.042	ng	# 90
6) bis(2-Chloroethyl)ether	7.445	93	537	0.048	ng	91
9) Naphthalene	10.885	128	7502	0.226	ng	99
10) Hexachlorobutadiene	11.109	225	302	0.052	ng	# 95
12) 2-Methylnaphthalene	12.479	142	2982	0.129	ng	96
16) Acenaphthylene	14.373	152	21210	0.744	ng	99
17) Acenaphthene	14.705	154	5763	0.285	ng	99
18) Fluorene	15.680	166	8224	0.280	ng	97
21) 4-Bromophenyl-phenylether	16.574	248	368	0.042	ng	# 68
22) Hexachlorobenzene	16.661	284	514	0.052	ng	94
23) Atrazine	16.847	200	356	0.055	ng	# 78
24) Pentachlorophenol	17.021	266	2102	0.640	ng	99
25) Phenanthrene	17.430	178	159158	3.190	ng	100
26) Anthracene	17.530	178	42226	0.989	ng	99
28) Fluoranthene	19.449	202	301842	4.922	ng	99
30) Pyrene	19.811	202	283398	4.246	ng	99
32) Benzo(a)anthracene	21.551	228	161984	2.513	ng	99
33) Chrysene	21.605	228	142885	2.013	ng	97
34) Bis(2-ethylhexyl)phtha...	21.426	149	12701	0.445	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.679	276	102424	1.212	ng	94
37) Benzo(b)fluoranthene	23.291	252	196335	2.499	ng	95
38) Benzo(k)fluoranthene	23.338	252	71400m	0.896	ng	
39) Benzo(a)pyrene	23.949	252	150736m	2.112	ng	
40) Dibenzo(a,h)anthracene	26.697	278	24751m	0.359	ng	
41) Benzo(g,h,i)perylene	27.504	276	108494	1.421	ng	98

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

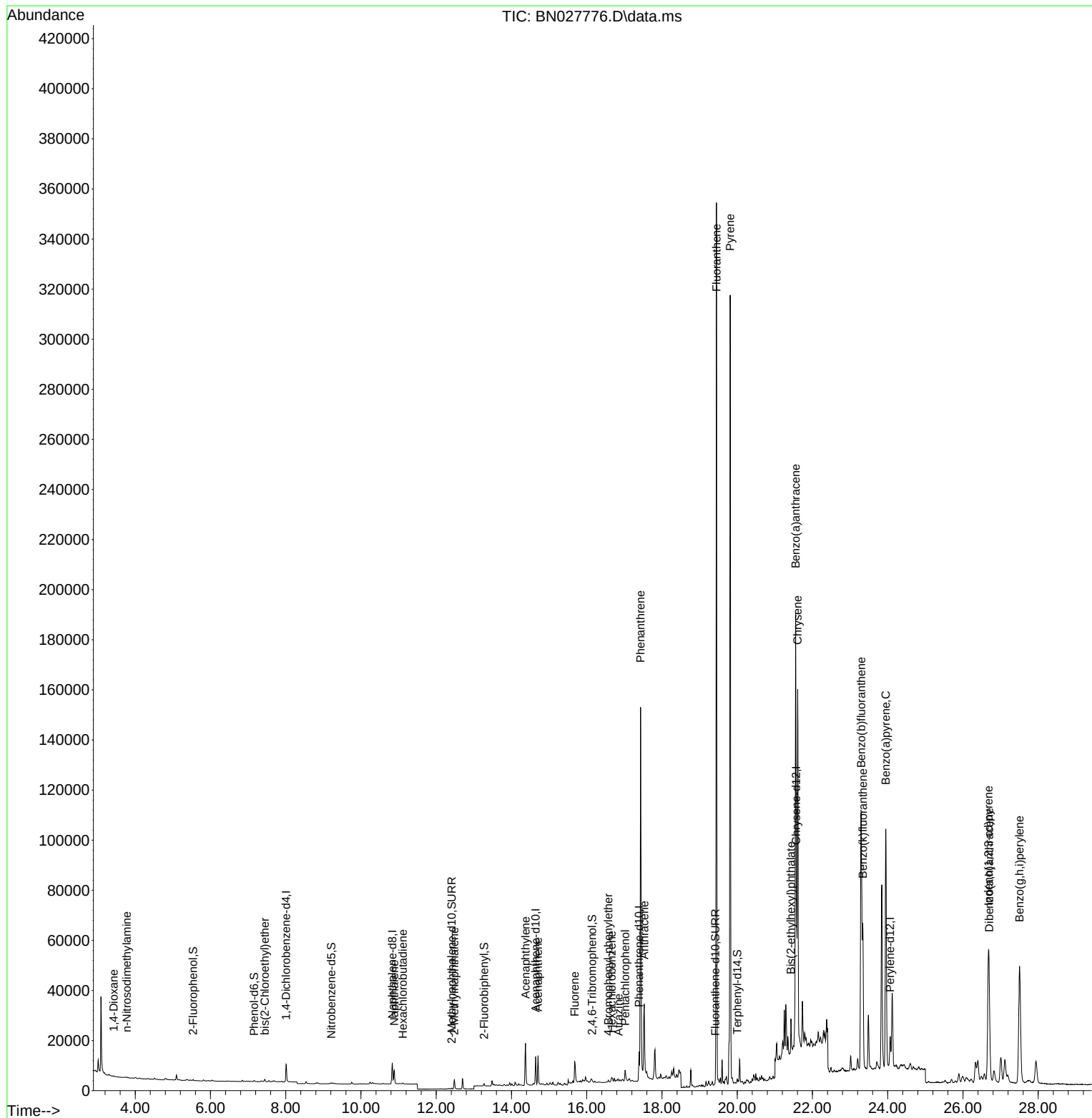
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027776.D
Acq On : 20 Sep 2023 22:53
Operator : MA/JU
Sample : 04367-02MS 10X
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ALS Vial : 21 Sample Multiplier: 1

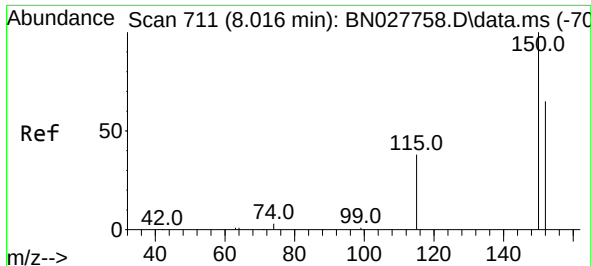
Instrument :
BNA_N
ClientSampleId :
PILE-2MS

Quant Time: Sep 21 04:24:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 20 13:45:42 2023
Response via : Initial Calibration

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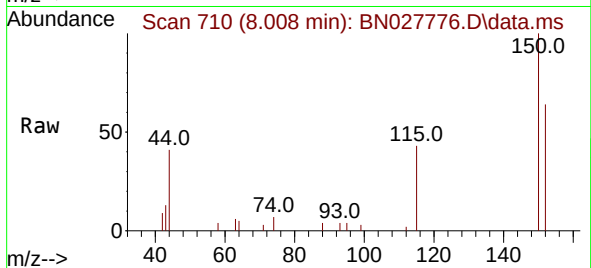
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.008 min Scan# 711
 Delta R.T. -0.008 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53

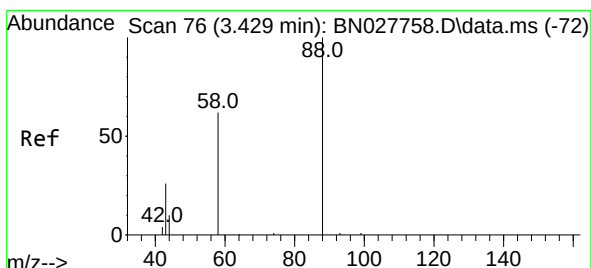
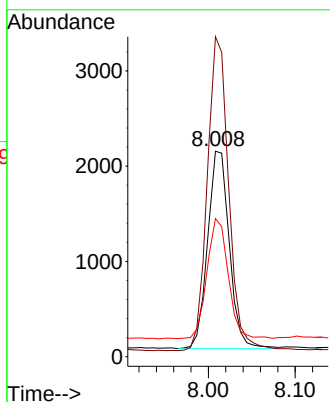
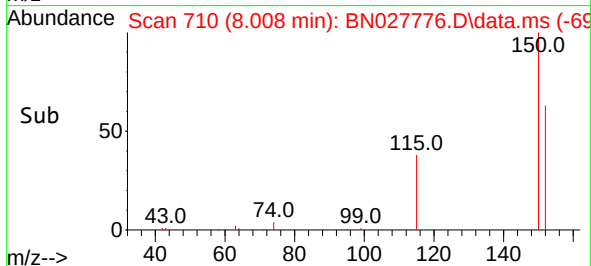
Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MS



Tgt Ion: 152 Resp: 3604
 Ion Ratio Lower Upper
 152 100
 150 155.8 120.2 180.2
 115 67.3 54.5 81.7

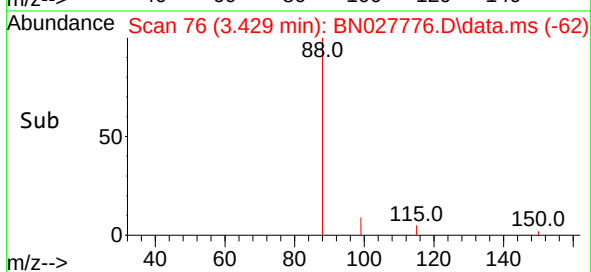
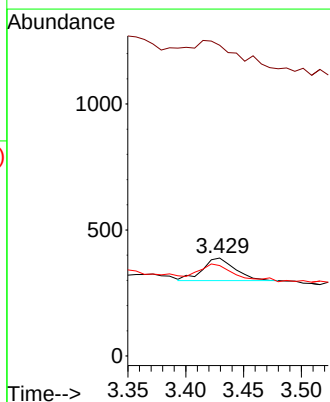
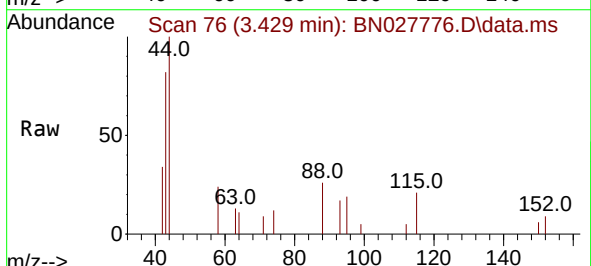
Manual Integrations
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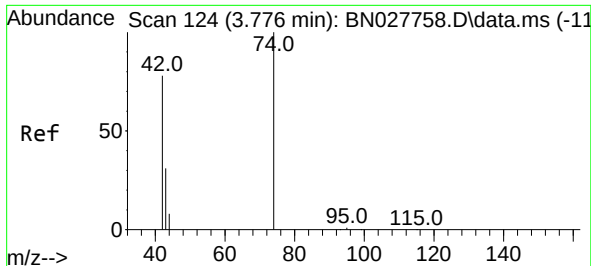
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#2
 1,4-Dioxane
 Concen: 0.040 ng
 RT: 3.429 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53

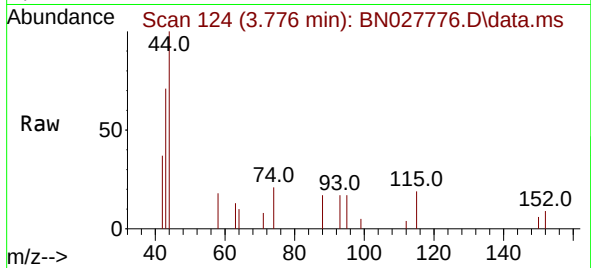
Tgt Ion: 88 Resp: 175
 Ion Ratio Lower Upper
 88 100
 43 0.0 27.0 40.6#
 58 85.1 59.0 88.6





#3
n-Nitrosodimethylamine
Concen: 0.042 ng
RT: 3.776 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

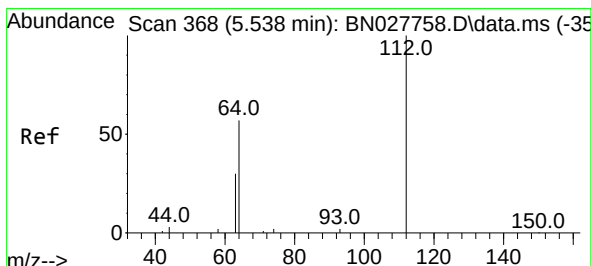
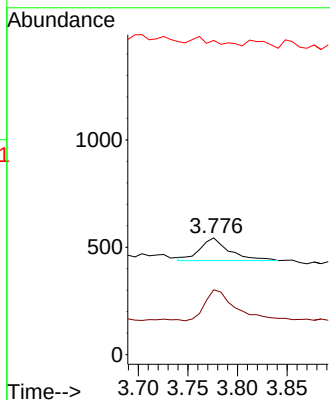
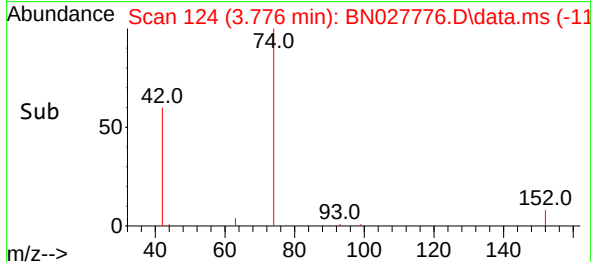
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion: 42 Resp: 210
Ion Ratio Lower Upper
42 100
74 141.2 105.6 158.4
44 29.2 12.3 18.5

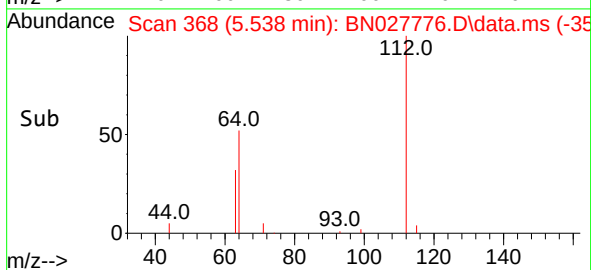
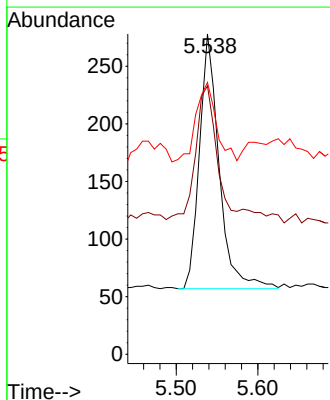
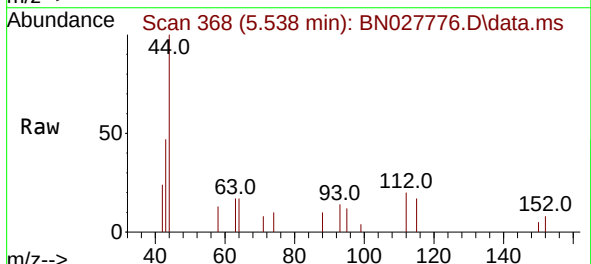
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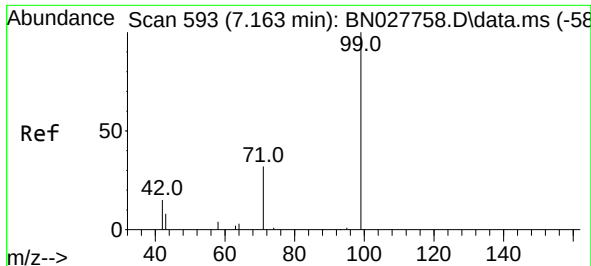
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#4
2-Fluorophenol
Concen: 0.041 ng
RT: 5.538 min Scan# 368
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

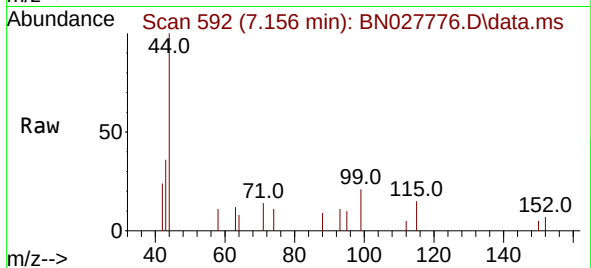
Tgt Ion:112 Resp: 371
Ion Ratio Lower Upper
112 100
64 54.7 46.1 69.1
63 30.7 24.0 36.0





#5
Phenol-d6
Concen: 0.040 ng
RT: 7.156 min Scan# 593
Delta R.T. -0.007 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

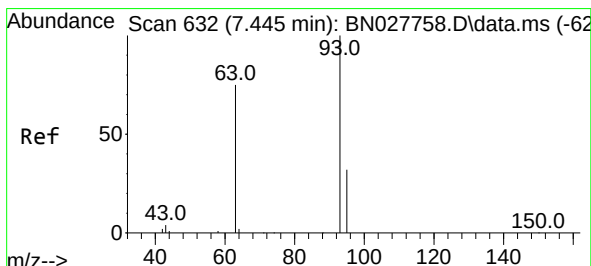
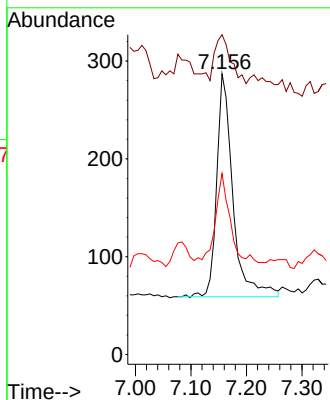
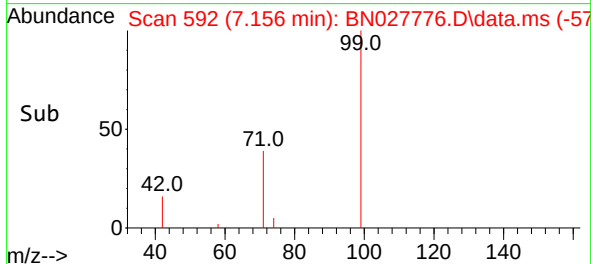
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion: 99 Resp: 463
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 37.1 28.1 42.1

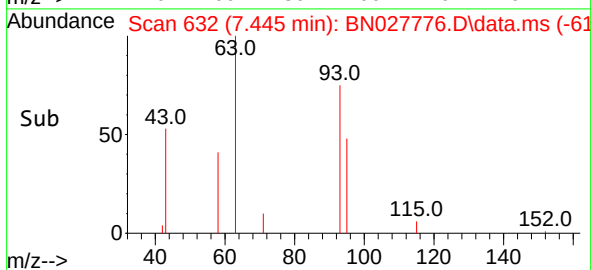
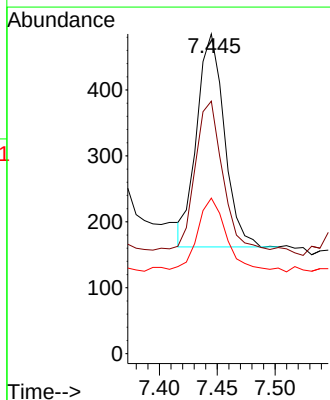
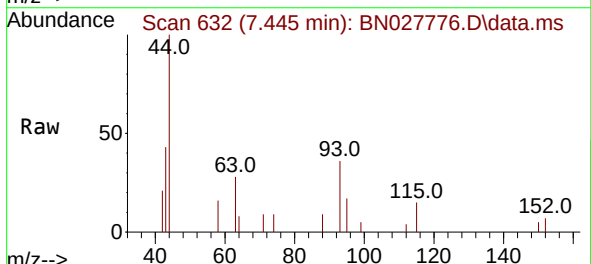
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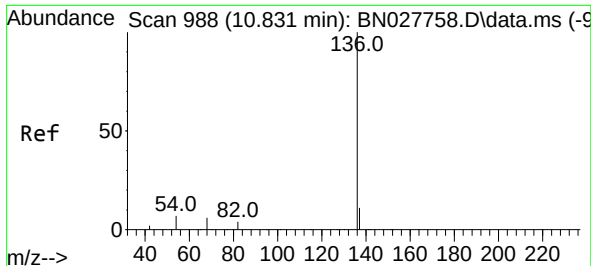
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.048 ng
RT: 7.445 min Scan# 632
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

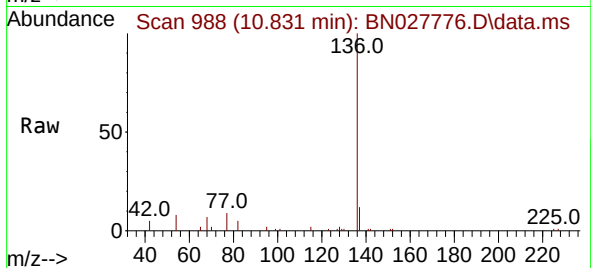
Tgt Ion: 93 Resp: 537
Ion Ratio Lower Upper
93 100
63 80.8 59.5 89.3
95 38.9 26.0 39.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.831 min Scan# 988
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

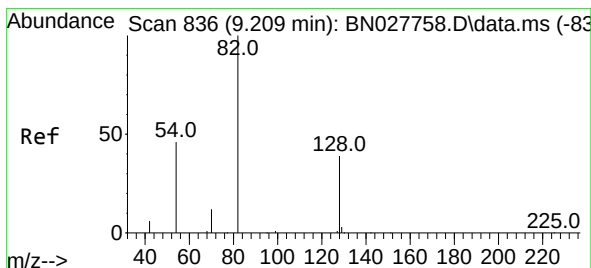
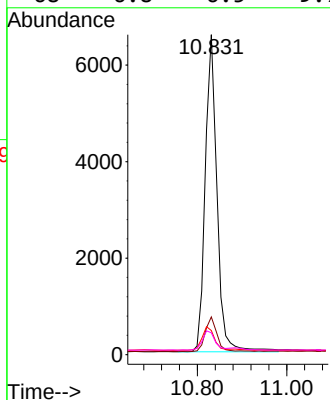
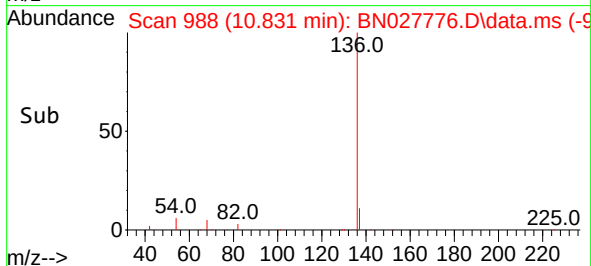
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion: 136 Resp: 11970
Ion Ratio Lower Upper
136 100
137 11.8 10.1 15.1
54 7.5 7.4 11.0
68 6.8 6.5 9.7

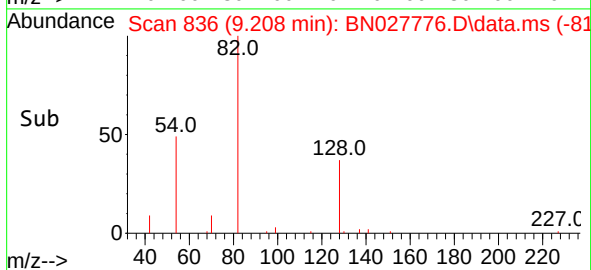
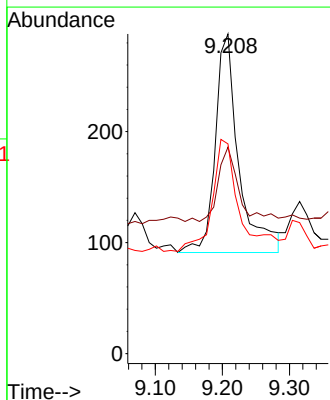
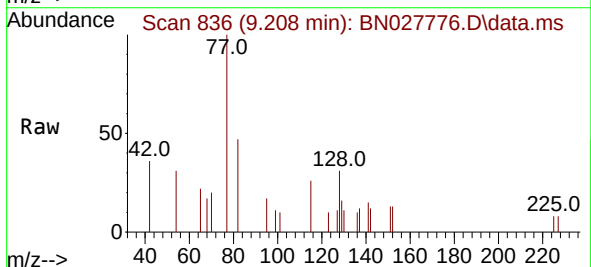
Manual Integrations
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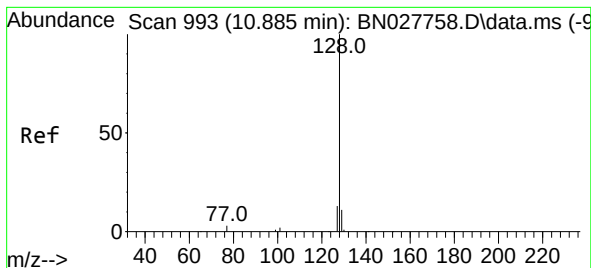
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#8
Nitrobenzene-d5
Concen: 0.051 ng
RT: 9.208 min Scan# 836
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

Tgt Ion: 82 Resp: 482
Ion Ratio Lower Upper
82 100
128 64.6 36.8 55.2#
54 65.6 39.9 59.9#





#9

Naphthalene

Concen: 0.226 ng

RT: 10.885 min Scan# 993

Delta R.T. -0.000 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

Instrument :

BNA_N

ClientSampleId :

PILE-2MS

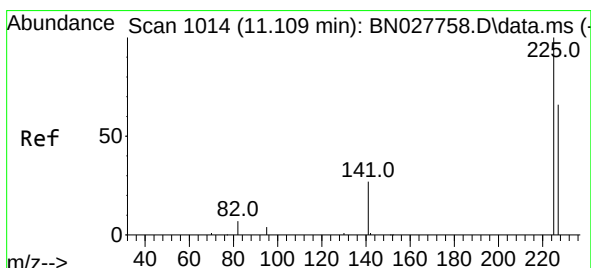
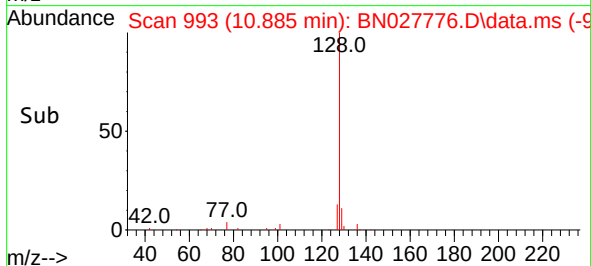
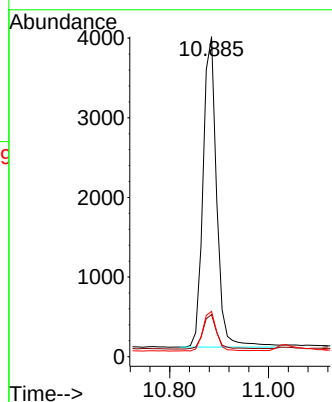
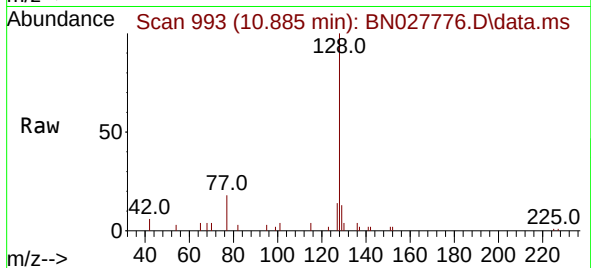
Tgt Ion:	128	Resp:	750
Ion Ratio	Lower	Upper	
128	100		
129	13.2	10.2	15.2
127	14.1	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#10

Hexachlorobutadiene

Concen: 0.052 ng

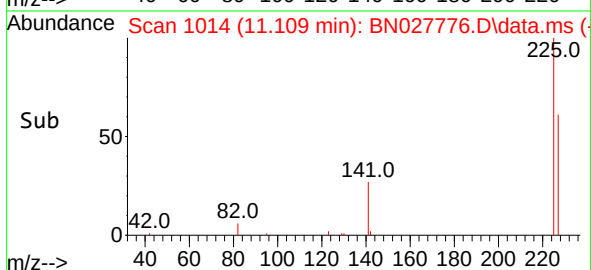
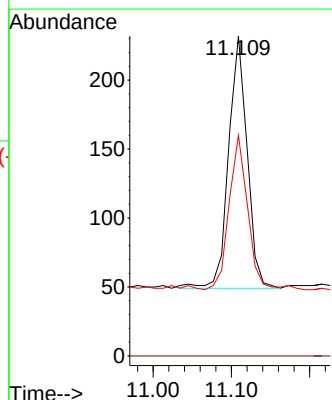
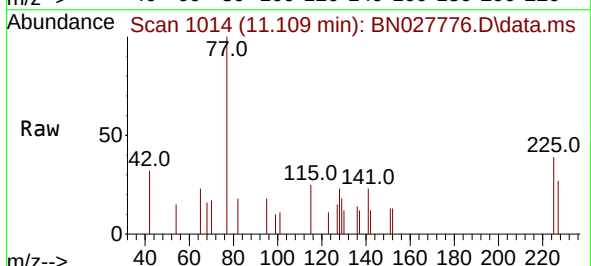
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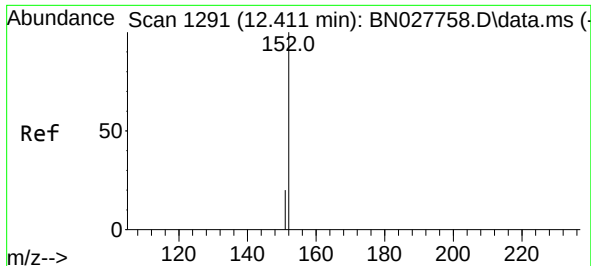
Delta R.T. -0.000 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

Tgt Ion:	225	Resp:	302
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	60.6	51.4	77.0





#11

2-Methylnaphthalene-d10

Concen: 0.034 ng

RT: 12.407 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

Instrument :

BNA_N

ClientSampleId :

PILE-2MS

Tgt Ion:152 Resp: 58

Ion Ratio Lower Upper

152 100

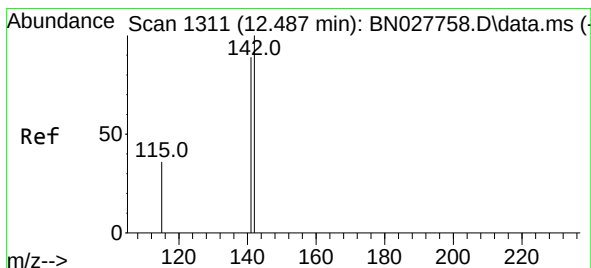
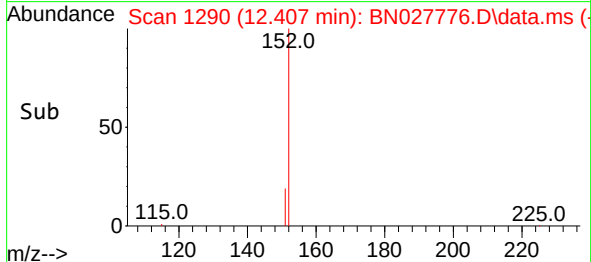
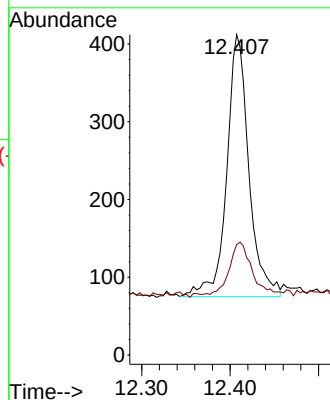
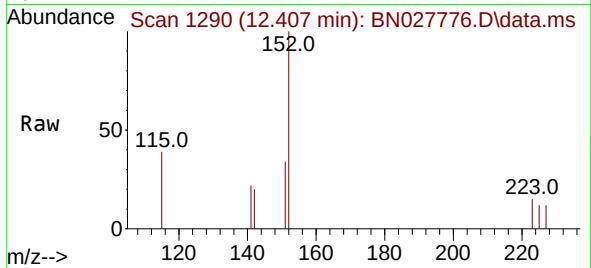
151 19.3 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#12

2-Methylnaphthalene

Concen: 0.129 ng

RT: 12.479 min Scan# 1309

Delta R.T. -0.008 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

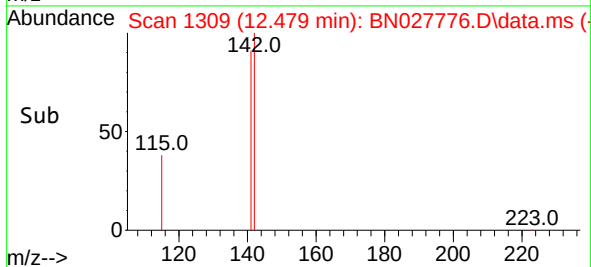
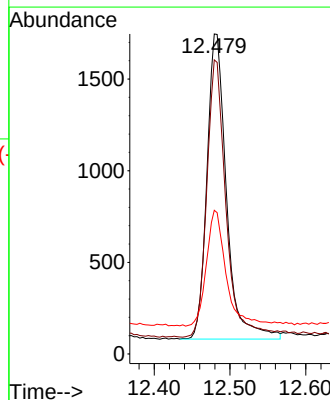
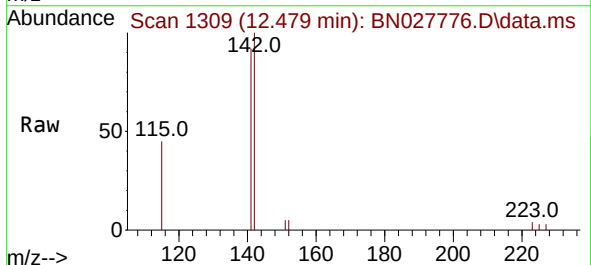
Tgt Ion:142 Resp: 2982

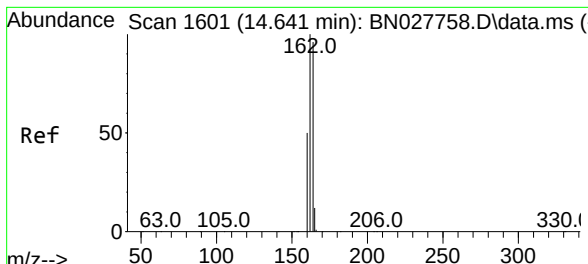
Ion Ratio Lower Upper

142 100

141 91.9 71.5 107.3

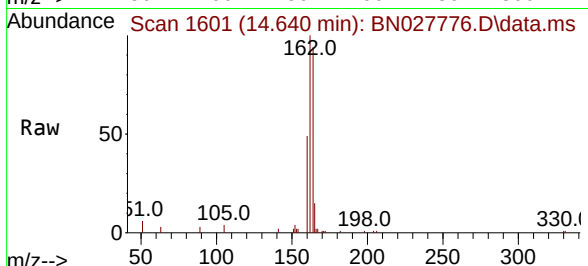
115 44.9 31.8 47.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.640 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

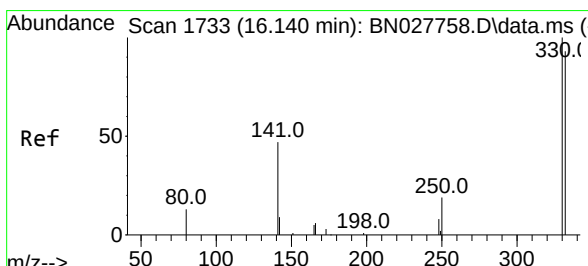
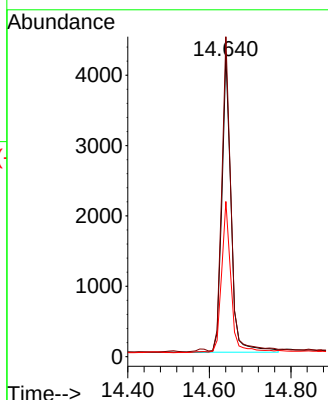
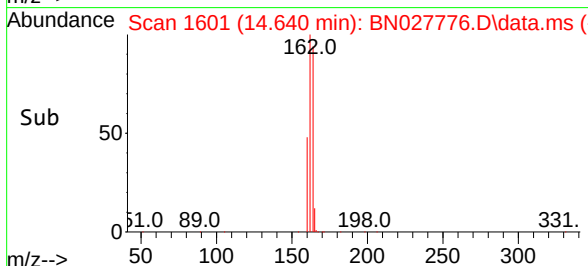
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



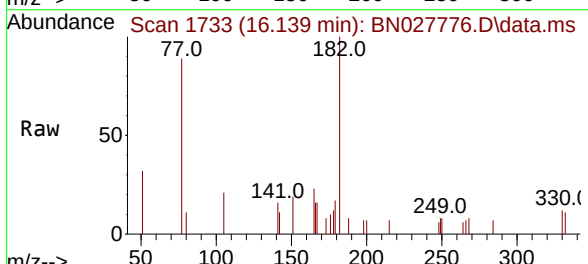
Tgt Ion:164 Resp: 666
Ion Ratio Lower Upper
164 100
162 106.0 83.6 125.4
160 51.4 42.6 64.0

Manual Integrations
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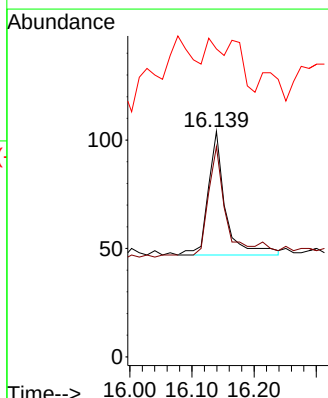
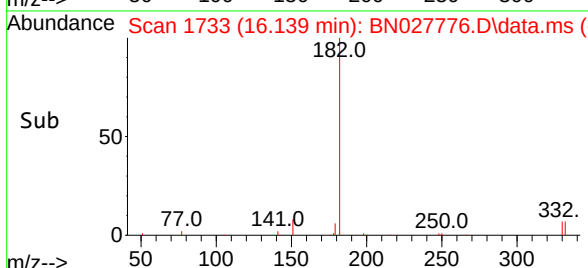
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

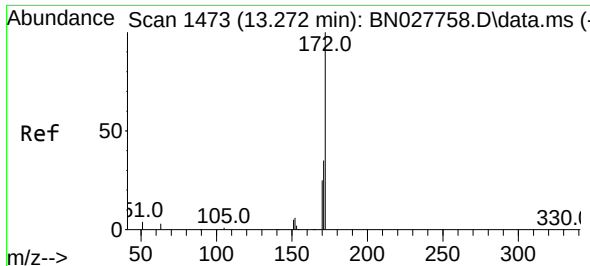


#14
2,4,6-Tribromophenol
Concen: 0.038 ng
RT: 16.139 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53



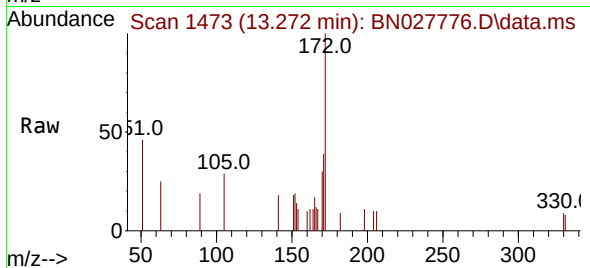
Tgt Ion:330 Resp: 109
Ion Ratio Lower Upper
330 100
332 92.7 77.0 115.4
141 21.1 38.1 57.1#





#15
2-Fluorobiphenyl
Concen: 0.039 ng
RT: 13.272 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

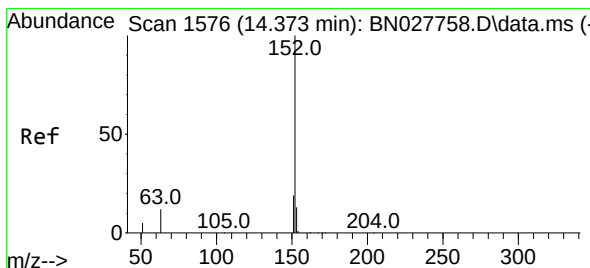
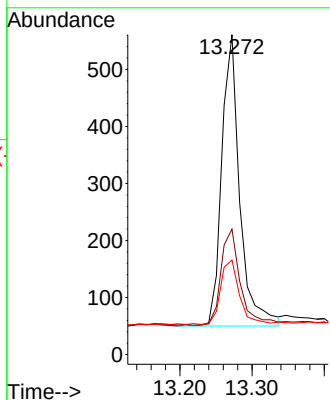
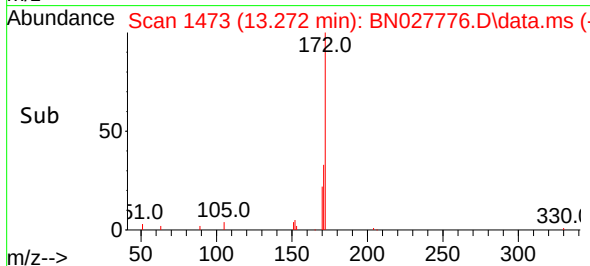
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion:172 Resp: 880
Ion Ratio Lower Upper
172 100
171 39.2 29.3 43.9
170 29.6 20.8 31.2

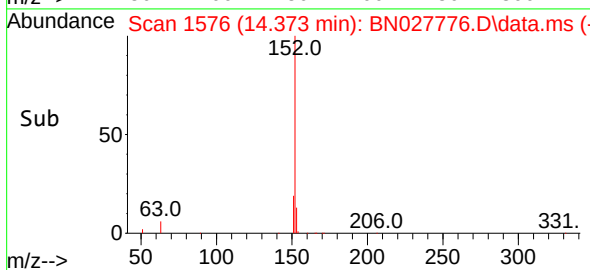
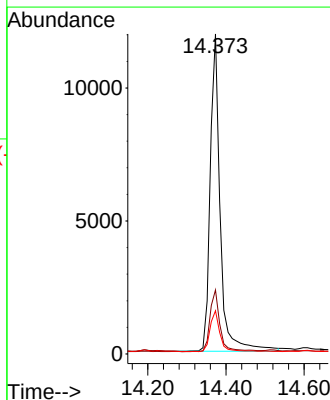
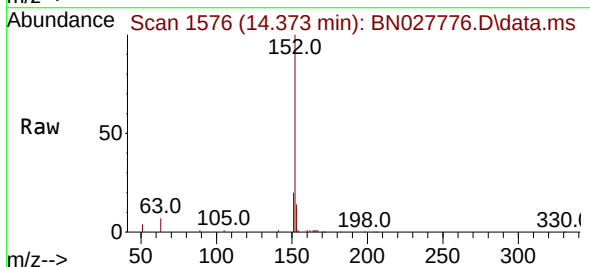
Manual Integrations
APPROVED

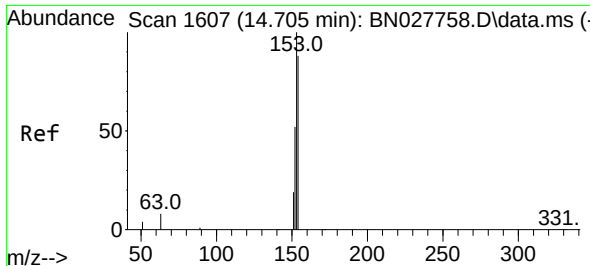
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#16
Acenaphthylene
Concen: 0.744 ng
RT: 14.373 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

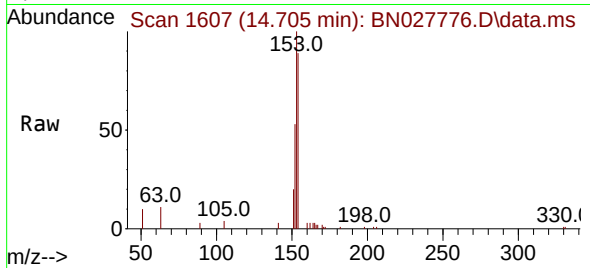
Tgt Ion:152 Resp: 21210
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.0 10.6 15.8





#17
Acenaphthene
Concen: 0.285 ng
RT: 14.705 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

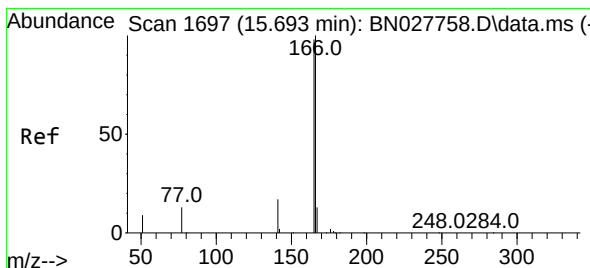
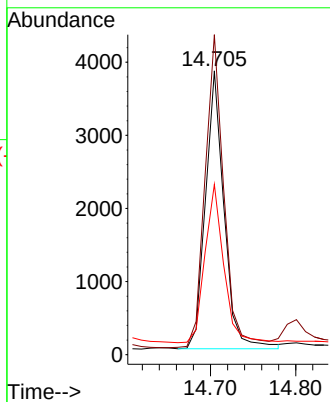
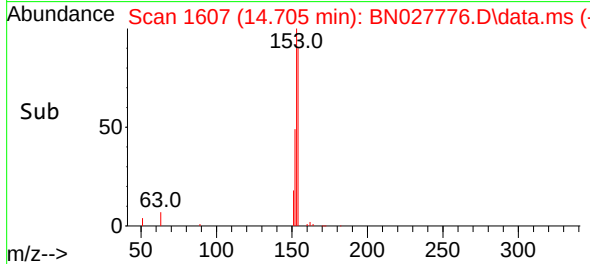
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion:154 Resp: 576
Ion Ratio Lower Upper
154 100
153 114.0 91.0 136.6
152 57.5 47.4 71.2

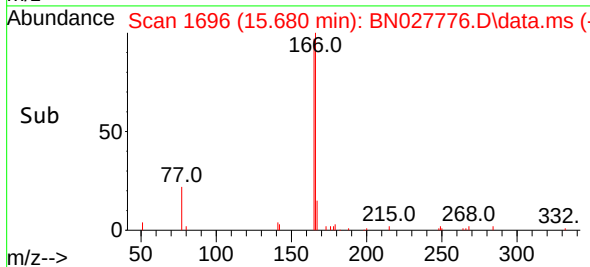
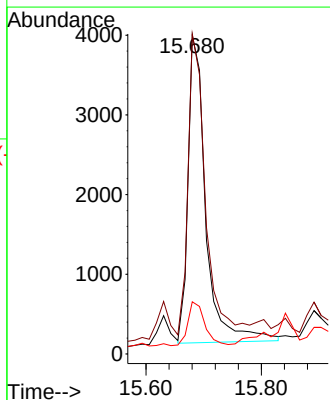
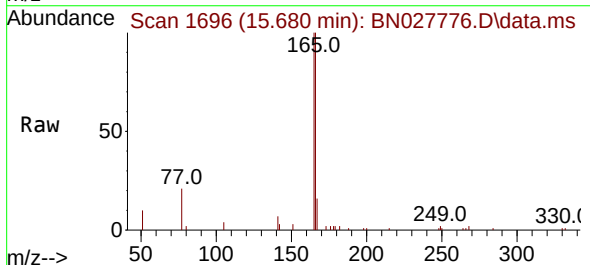
Manual Integrations
APPROVED

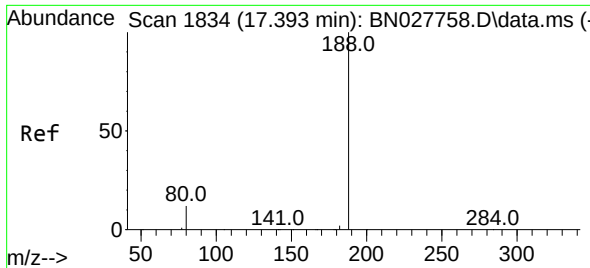
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#18
Fluorene
Concen: 0.280 ng
RT: 15.680 min Scan# 1696
Delta R.T. -0.013 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

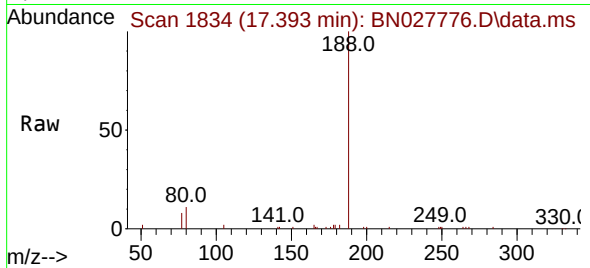
Tgt Ion:166 Resp: 8224
Ion Ratio Lower Upper
166 100
165 96.1 79.3 118.9
167 13.8 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

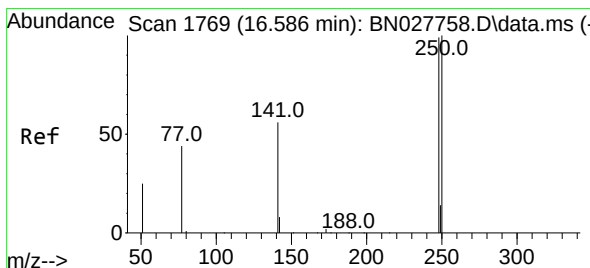
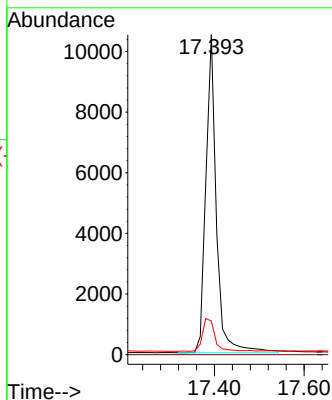
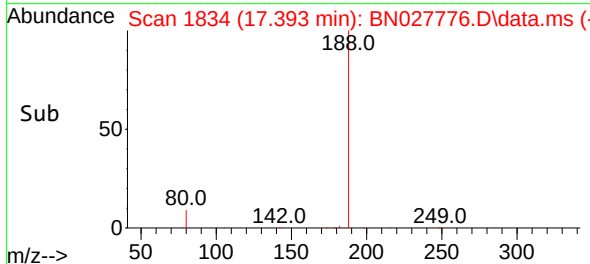
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



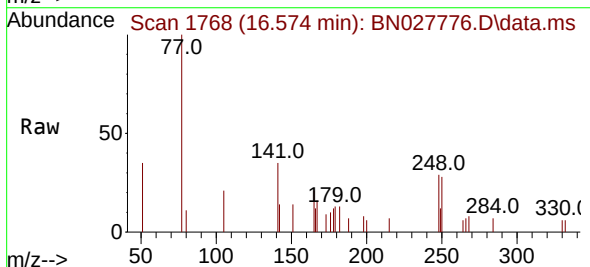
Tgt Ion:188 Resp: 17050
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.6 16.0

Manual Integrations
APPROVED

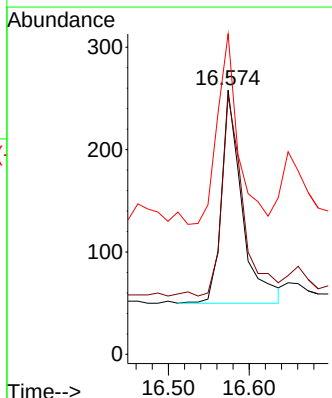
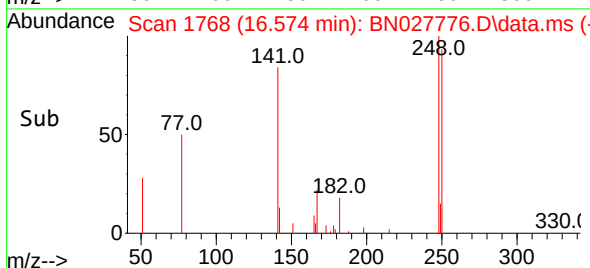
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

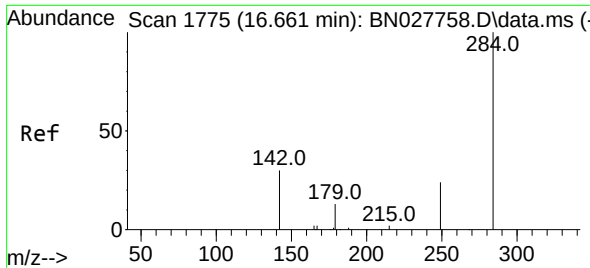


#21
4-Bromophenyl-phenylether
Concen: 0.042 ng
RT: 16.574 min Scan# 1768
Delta R.T. -0.013 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53



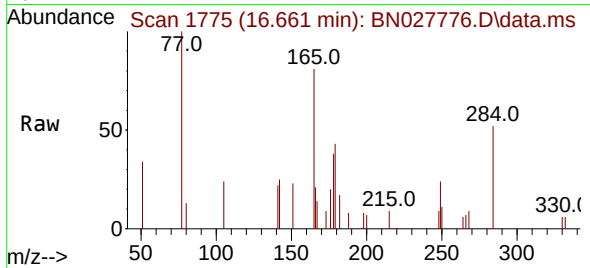
Tgt Ion:248 Resp: 368
Ion Ratio Lower Upper
248 100
250 98.1 81.4 122.2
141 121.3 48.2 72.4





#22
Hexachlorobenzene
Concen: 0.052 ng
RT: 16.661 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

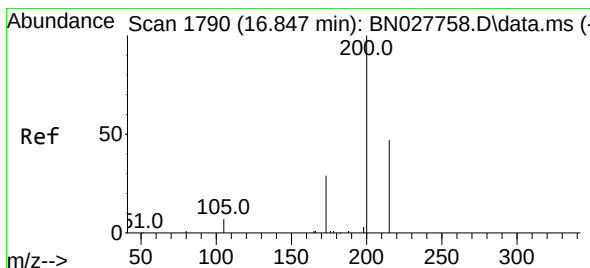
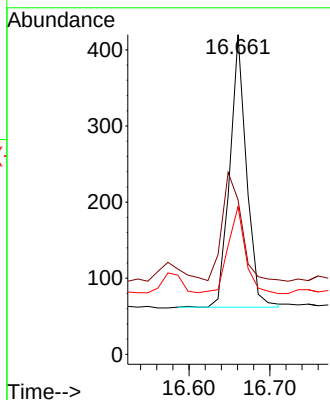
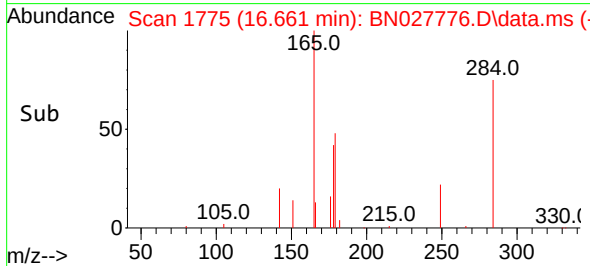
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



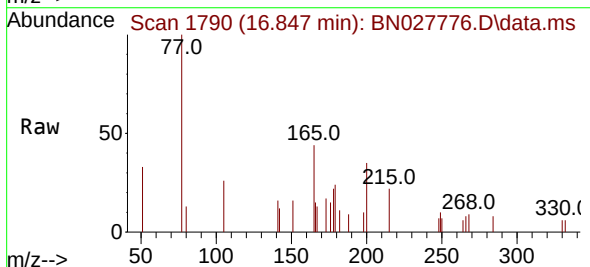
Tgt Ion:284 Resp: 514
Ion Ratio Lower Upper
284 100
142 45.1 32.9 49.3
249 33.1 24.1 36.1

Manual Integrations
APPROVED

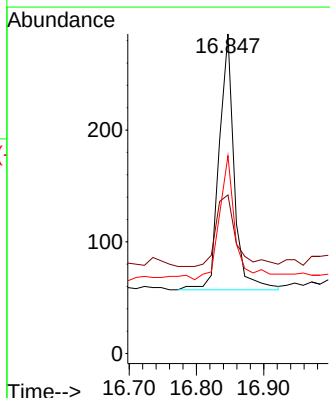
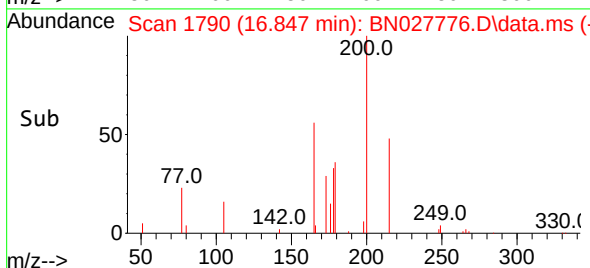
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

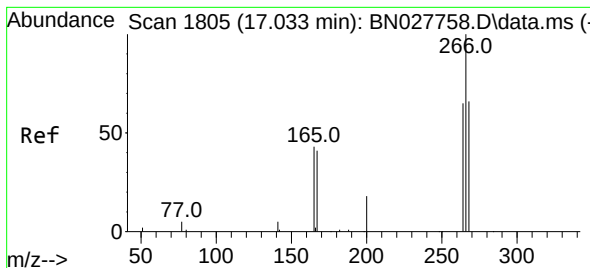


#23
Atrazine
Concen: 0.055 ng
RT: 16.847 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53



Tgt Ion:200 Resp: 356
Ion Ratio Lower Upper
200 100
173 49.7 26.1 39.1#
215 61.9 40.0 60.0#





#24

Pentachlorophenol

Concen: 0.640 ng

RT: 17.021 min Scan# 1804

Delta R.T. -0.012 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

Instrument :

BNA_N

ClientSampleId :

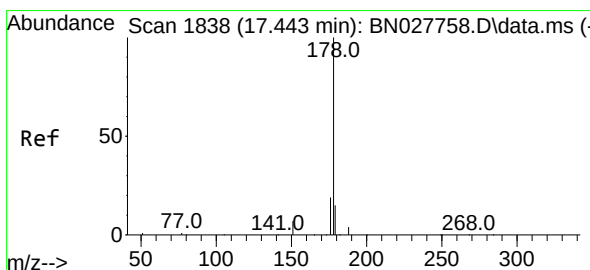
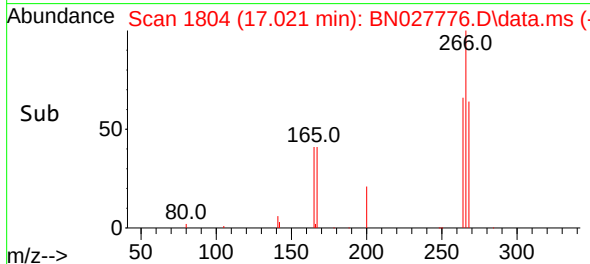
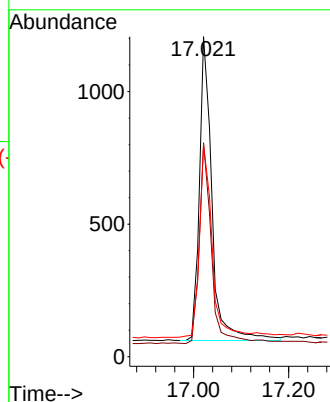
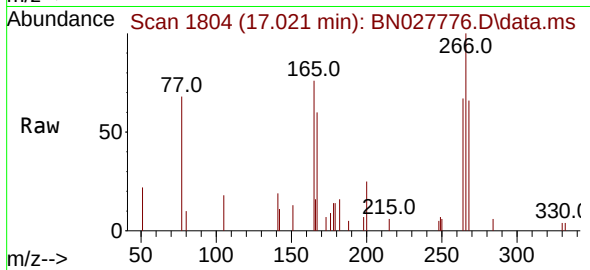
PILE-2MS

Tgt Ion:	266	Resp:	210
Ion Ratio	Lower	Upper	
266	100		
264	63.5	50.8	76.2
268	65.2	53.0	79.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#25

Phenanthrene

Concen: 3.190 ng

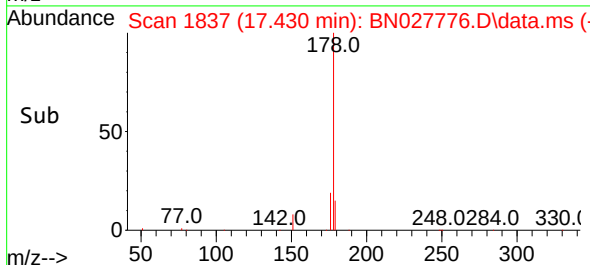
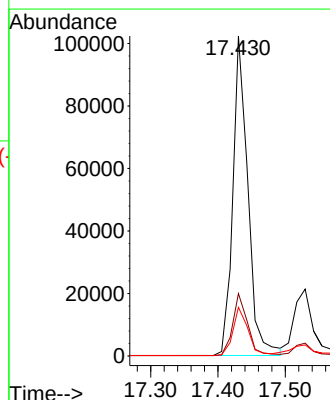
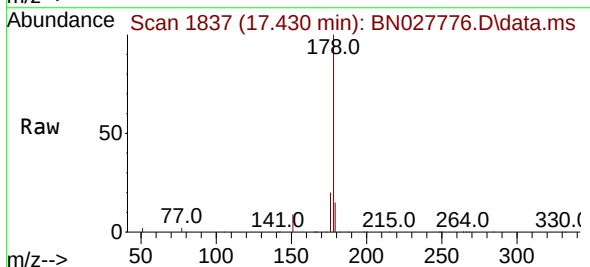
RT: 17.430 min Scan# 1837

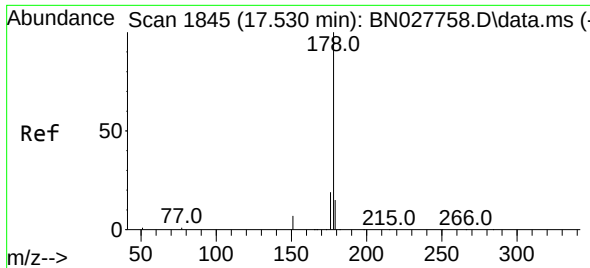
Delta R.T. -0.013 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

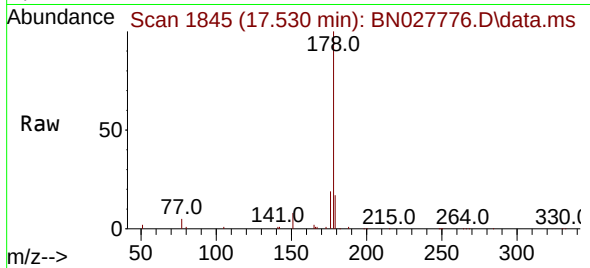
Tgt Ion:	178	Resp:	159158
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.5	23.3
179	15.2	12.3	18.5





#26
 Anthracene
 Concen: 0.989 ng
 RT: 17.530 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53

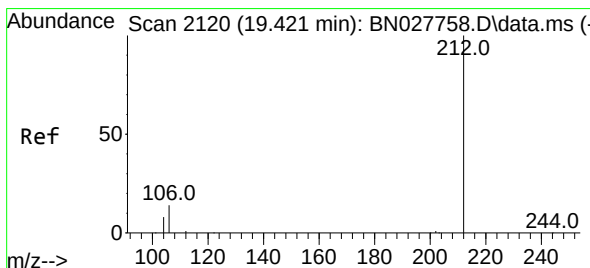
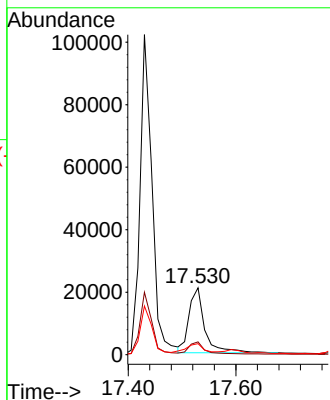
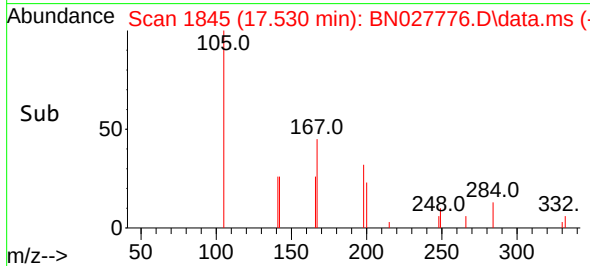
Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MS



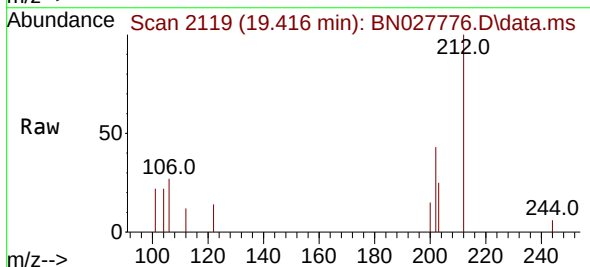
Tgt Ion:178 Resp: 42220
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 14.7 12.2 18.2

Manual Integrations
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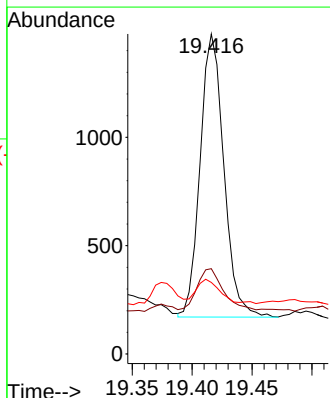
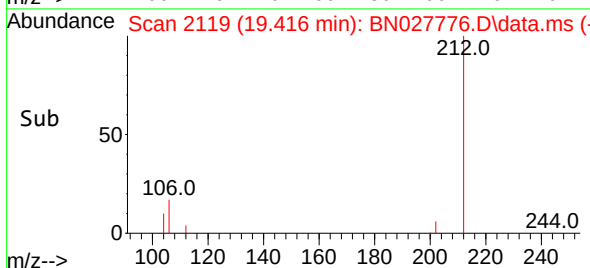
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

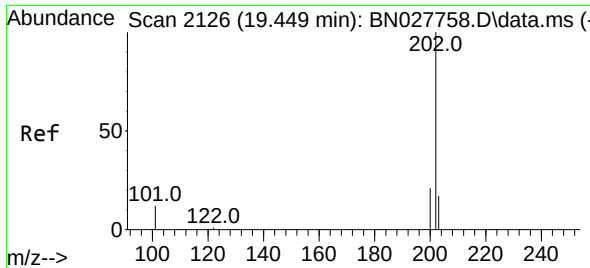


#27
 Fluoranthene-d10
 Concen: 0.041 ng
 RT: 19.416 min Scan# 2119
 Delta R.T. -0.005 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53



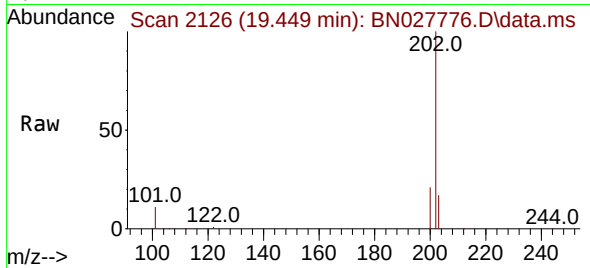
Tgt Ion:212 Resp: 1797
 Ion Ratio Lower Upper
 212 100
 106 15.7 12.2 18.2
 104 9.6 7.0 10.4





#28
Fluoranthene
Concen: 4.922 ng
RT: 19.449 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

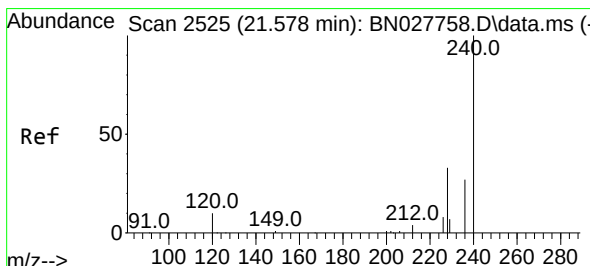
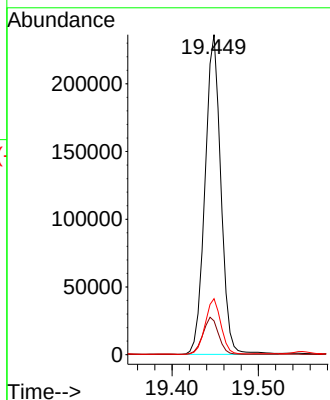
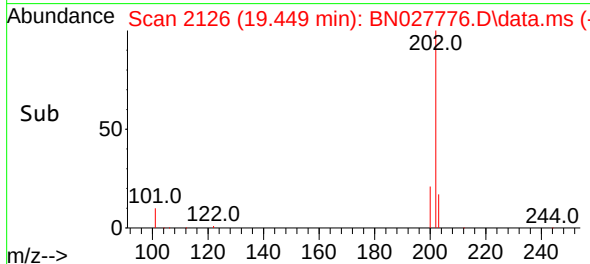
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion:202 Resp: 30184
Ion Ratio Lower Upper
202 100
101 11.6 9.6 14.4
203 17.2 13.8 20.6

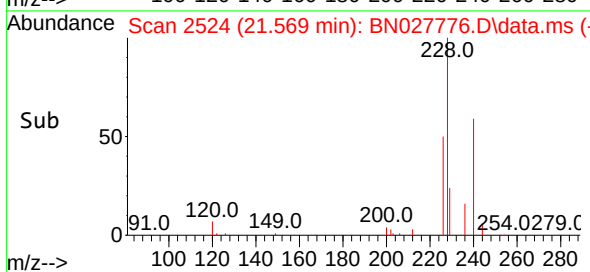
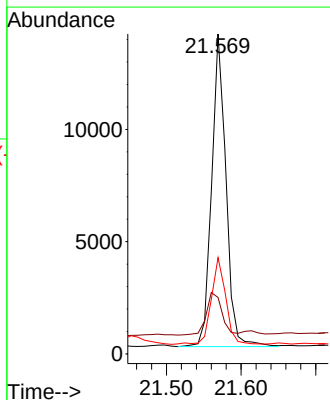
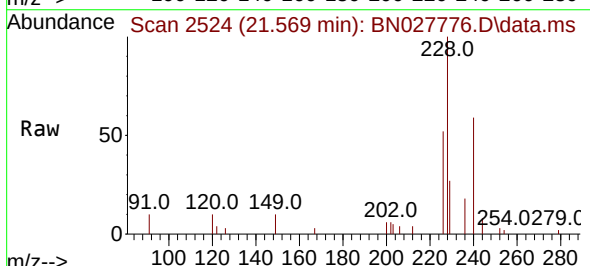
Manual Integrations
APPROVED

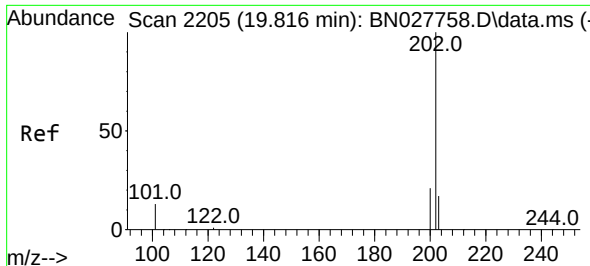
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2524
Delta R.T. -0.009 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

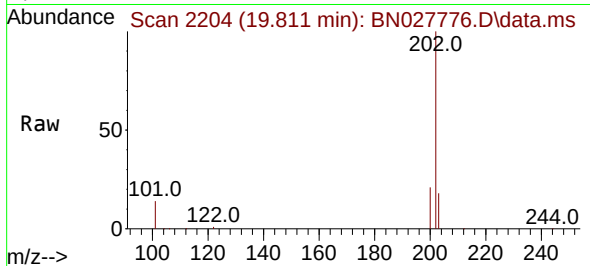
Tgt Ion:240 Resp: 18577
Ion Ratio Lower Upper
240 100
120 17.7 11.2 16.8#
236 30.1 22.8 34.2





#30
Pyrene
Concen: 4.246 ng
RT: 19.811 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

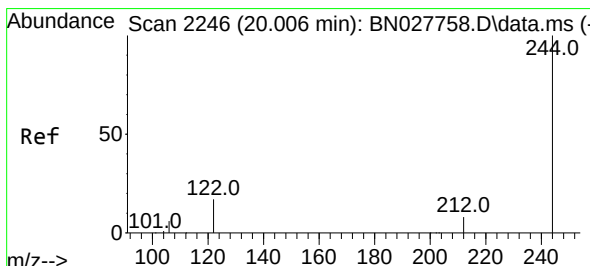
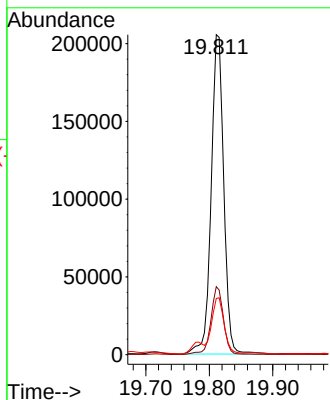
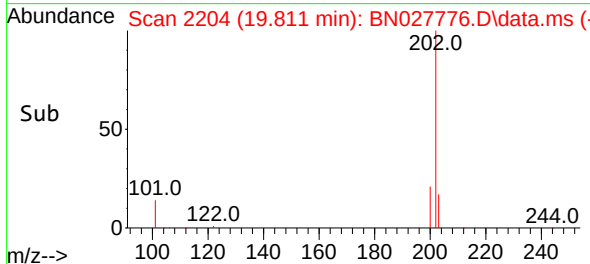
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion:202 Resp: 283398
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.3 14.2 21.4

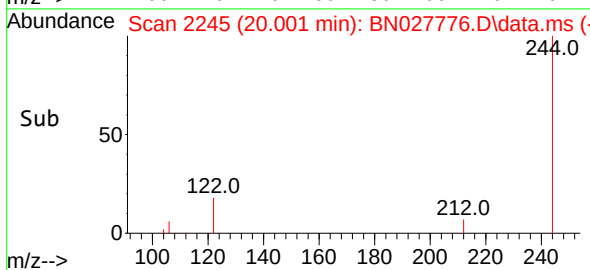
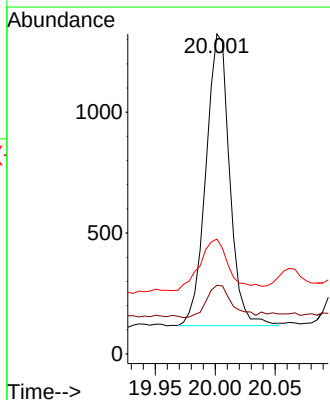
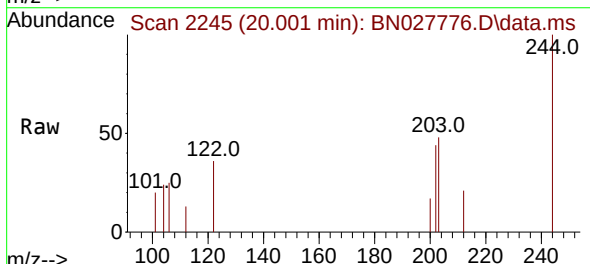
Manual Integrations
APPROVED

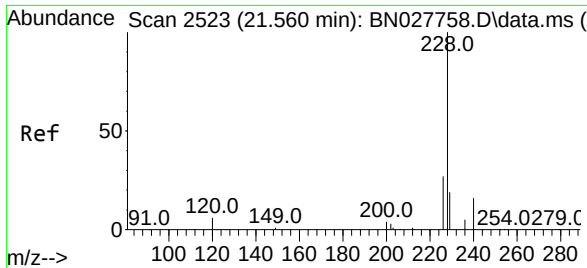
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#31
Terphenyl-d14
Concen: 0.046 ng
RT: 20.001 min Scan# 2245
Delta R.T. -0.005 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

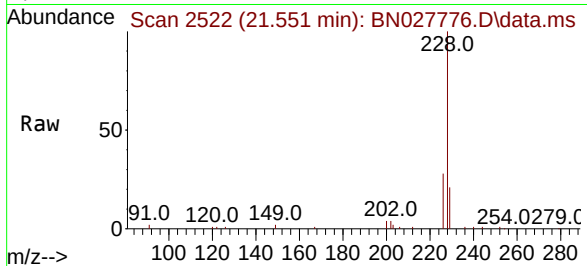
Tgt Ion:244 Resp: 1660
Ion Ratio Lower Upper
244 100
212 21.5 7.5 11.3#
122 35.9 13.9 20.9#





#32
Benzo(a)anthracene
Concen: 2.513 ng
RT: 21.551 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

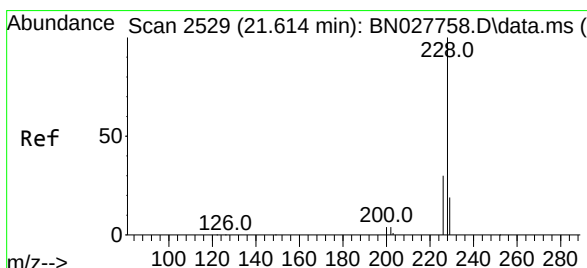
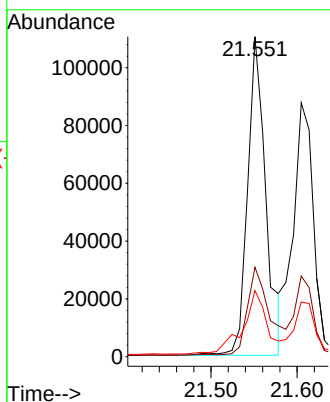
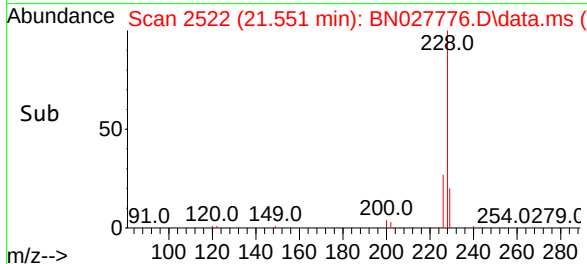
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



Tgt Ion:228 Resp: 161984
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.6 15.8 23.6

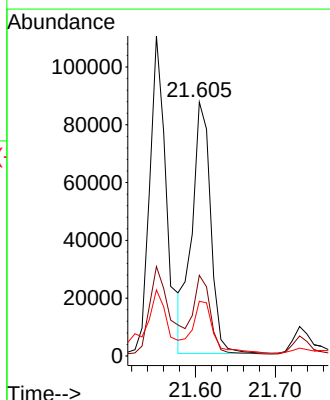
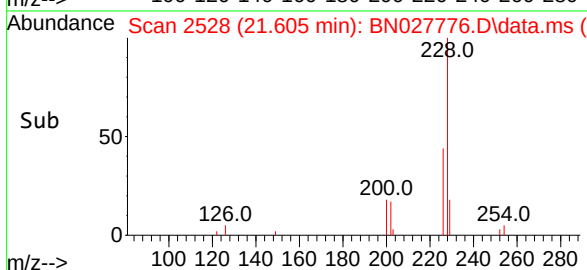
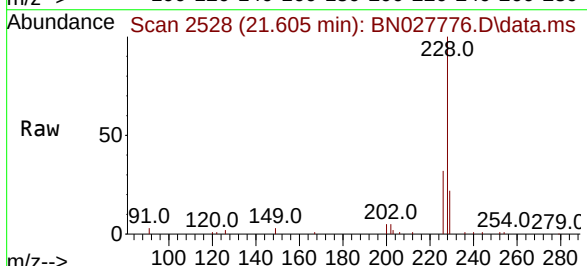
Manual Integrations
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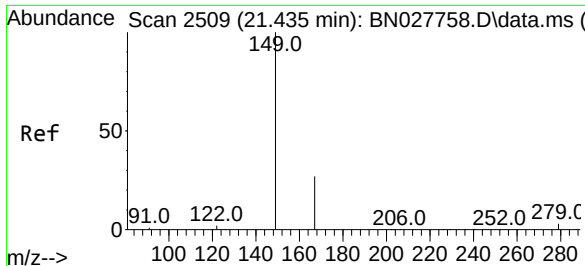
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



#33
Chrysene
Concen: 2.013 ng
RT: 21.605 min Scan# 2528
Delta R.T. -0.009 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

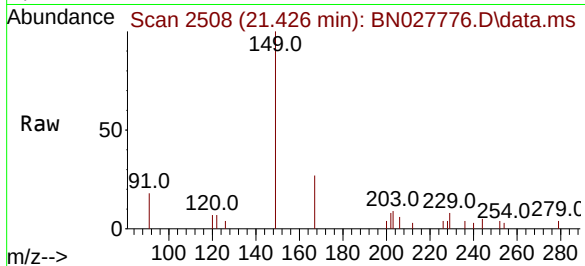
Tgt Ion:228 Resp: 142885
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.4
229 21.5 15.7 23.5





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.445 ng
 RT: 21.426 min Scan# 2149
 Delta R.T. -0.009 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53

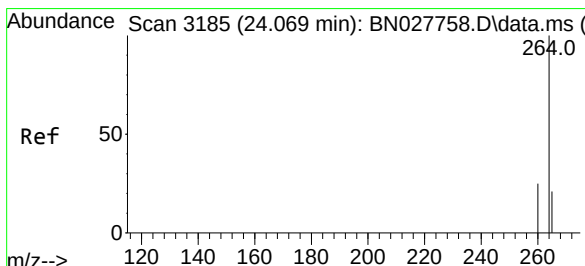
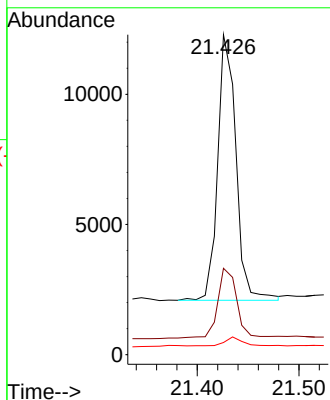
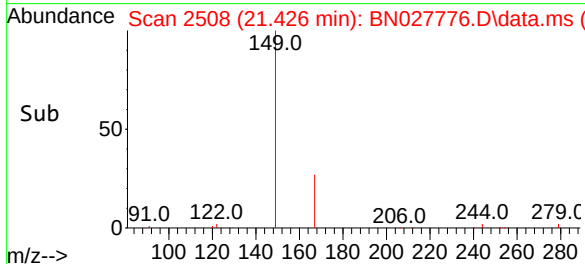
Instrument :
 BNA_N
 ClientSampleId :
 PILE-2MS



Tgt Ion:149 Resp: 1270
 Ion Ratio Lower Upper
 149 100
 167 28.6 21.4 32.2
 279 3.5 2.3 3.5

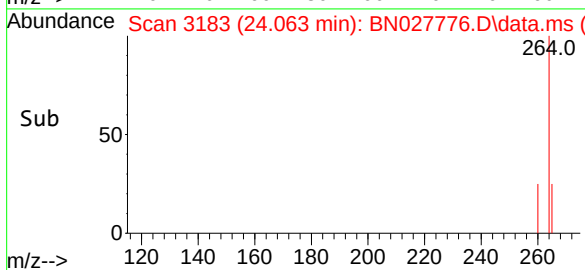
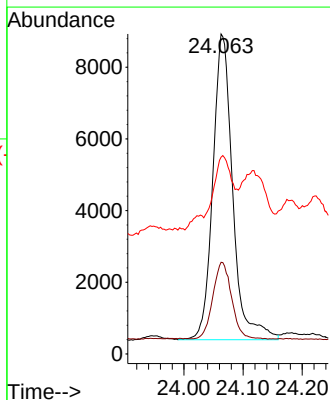
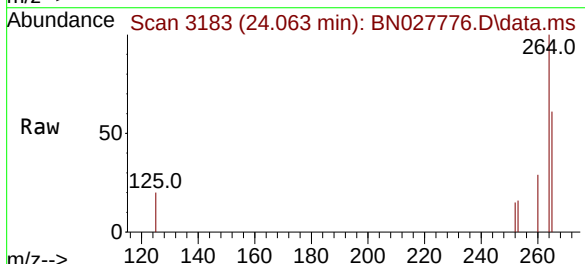
Manual Integrations
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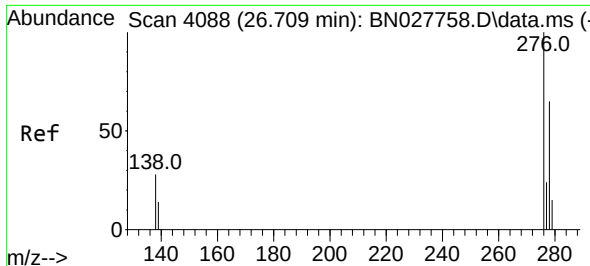
Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.063 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: BN027776.D
 Acq: 20 Sep 2023 22:53

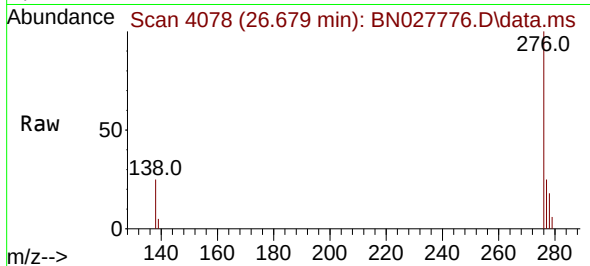
Tgt Ion:264 Resp: 19871
 Ion Ratio Lower Upper
 264 100
 260 28.6 21.0 31.6
 265 61.5 60.5 90.7





#36
Indeno(1,2,3-cd)pyrene
Concen: 1.212 ng
RT: 26.679 min Scan# 4088
Delta R.T. -0.029 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

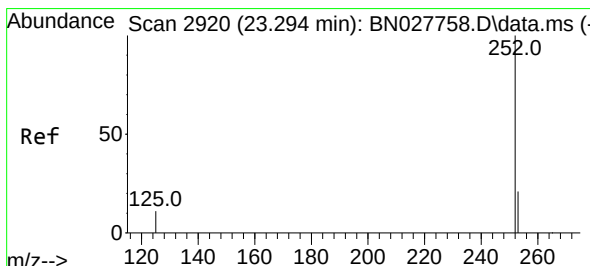
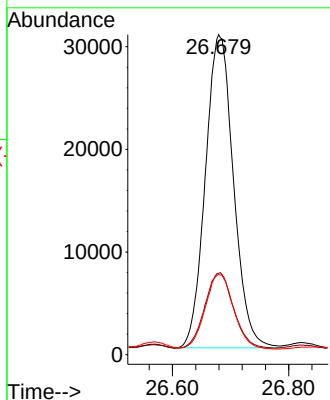
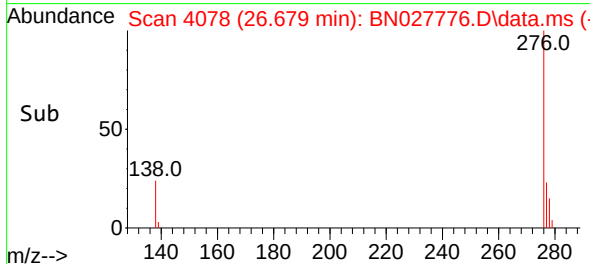
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



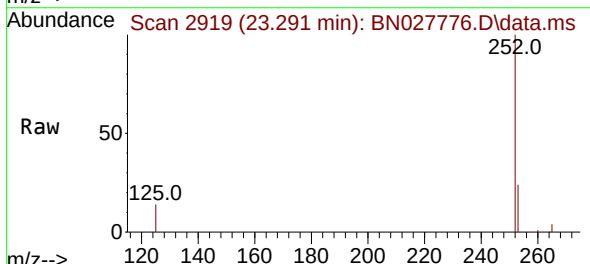
Tgt Ion:276 Resp: 102424
Ion Ratio Lower Upper
276 100
138 24.4 23.5 35.3
277 24.2 19.9 29.9

Manual Integrations
APPROVED

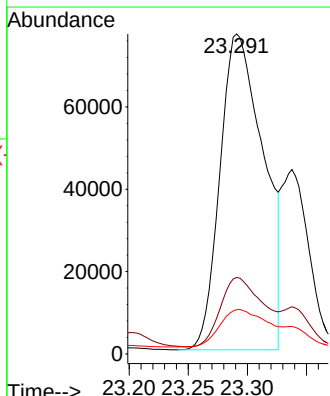
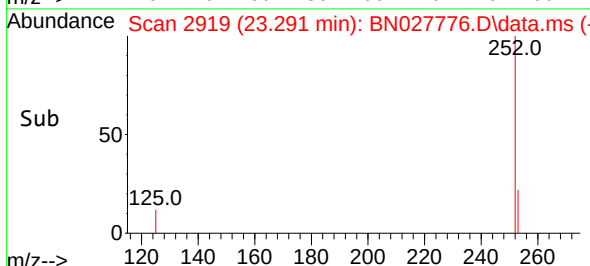
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

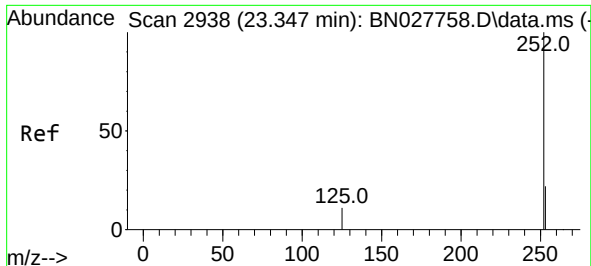


#37
Benzo(b)fluoranthene
Concen: 2.499 ng
RT: 23.291 min Scan# 2919
Delta R.T. -0.003 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53



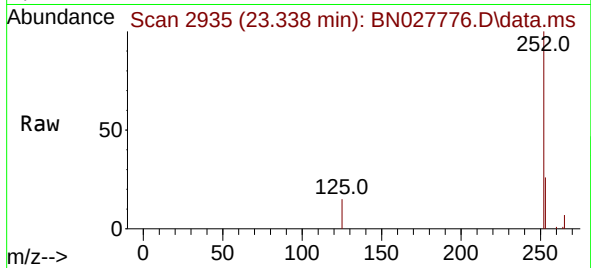
Tgt Ion:252 Resp: 196335
Ion Ratio Lower Upper
252 100
253 23.9 20.8 31.2
125 13.9 13.5 20.3





#38
Benzo(k)fluoranthene
Concen: 0.896 ng m
RT: 23.338 min Scan# 2938
Delta R.T. -0.009 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53

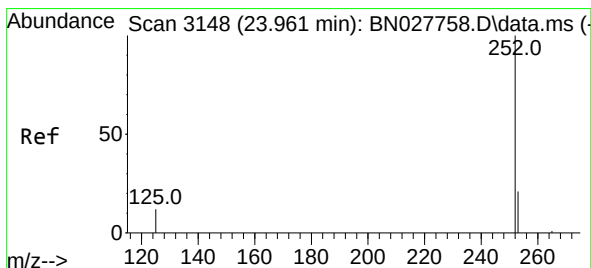
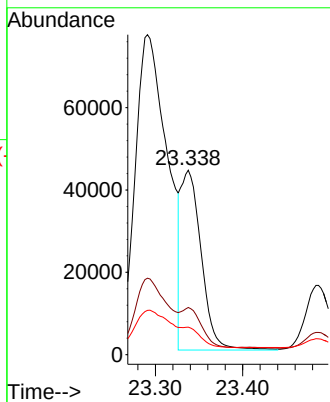
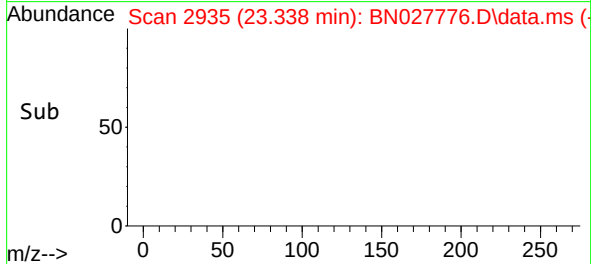
Instrument :
BNA_N
ClientSampleId :
PILE-2MS



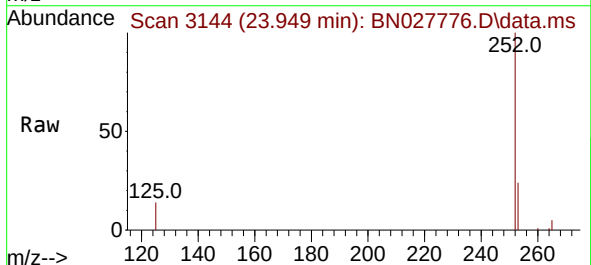
Tgt Ion:252 Resp: 71400
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 14.9 13.8 20.6

Manual Integrations
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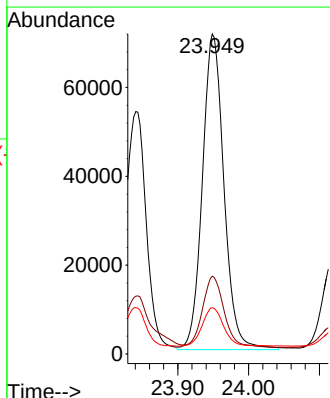
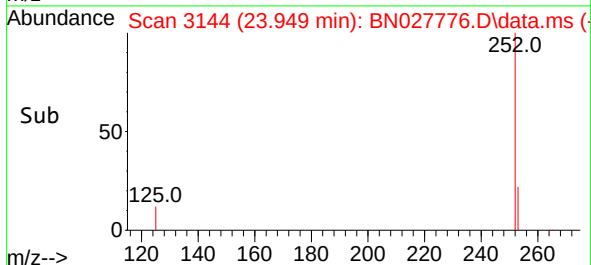
Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

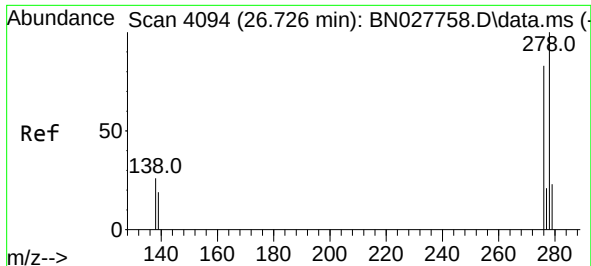


#39
Benzo(a)pyrene
Concen: 2.112 ng m
RT: 23.949 min Scan# 3144
Delta R.T. -0.012 min
Lab File: BN027776.D
Acq: 20 Sep 2023 22:53



Tgt Ion:252 Resp: 150736
Ion Ratio Lower Upper
252 100
253 24.3 22.6 33.8
125 14.4 16.5 24.7#





#40

Dibenzo(a,h)anthracene

Concen: 0.359 ng m

RT: 26.697 min Scan# 4094

Delta R.T. -0.029 min

Lab File: BN027776.D

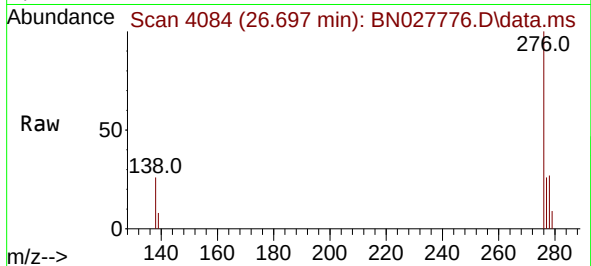
Acq: 20 Sep 2023 22:53

Instrument :

BN027776.D

ClientSampleId :

BN027776.D



Tgt Ion:278 Resp: 2475

Ion Ratio Lower Upper

278 100

139 28.9 17.1 25.7

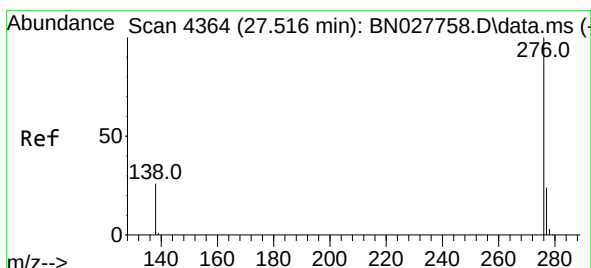
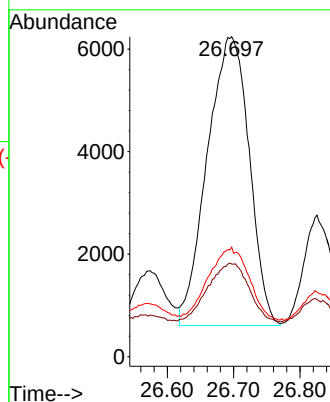
279 34.3 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :mohammad ahmed 09/21/2023



#41

Benzo(g,h,i)perylene

Concen: 1.421 ng

RT: 27.504 min Scan# 4360

Delta R.T. -0.012 min

Lab File: BN027776.D

Acq: 20 Sep 2023 22:53

Tgt Ion:276 Resp: 108494

Ion Ratio Lower Upper

276 100

277 24.7 20.4 30.6

138 26.3 21.9 32.9

