

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
 Data File : BN034727.D
 Acq On : 25 Oct 2024 17:40
 Operator : RC/JU
 Sample : PB164409BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB164409BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 18:09:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 24 13:17:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.654	152	8770	0.400	ng	-0.06
7) Naphthalene-d8	10.426	136	24617	0.400	ng	#-0.05
13) Acenaphthene-d10	14.283	164	11438	0.400	ng	-0.05
19) Phenanthrene-d10	17.026	188	20789	0.400	ng	-0.04
29) Chrysene-d12	21.212	240	11212	0.400	ng	#-0.04
35) Perylene-d12	23.415	264	10991	0.400	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.264	112	9491	0.364	ng	-0.06
5) Phenol-d6	6.824	99	12381	0.360	ng	-0.06
8) Nitrobenzene-d5	8.781	82	8000	0.387	ng	-0.06
11) 2-Methylnaphthalene-d10	12.014	152	15955m	0.471	ng	-0.06
14) 2,4,6-Tribromophenol	15.773	330	1427	0.403	ng	-0.04
15) 2-Fluorobiphenyl	12.904	172	17305	0.381	ng	-0.05
27) Fluoranthene-d10	19.055	212	16513	0.353	ng	-0.04
31) Terphenyl-d14	19.668	244	10894	0.475	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.242	88	3291	0.282	ng	# 41
3) n-Nitrosodimethylamine	3.531	42	5980	0.352	ng	# 94
6) bis(2-Chloroethyl)ether	7.084	93	10317	0.369	ng	99
9) Naphthalene	10.468	128	24917	0.366	ng	100
10) Hexachlorobutadiene	10.767	225	3622	0.355	ng	# 99
12) 2-Methylnaphthalene	12.090	142	15296	0.362	ng	99
16) Acenaphthylene	13.994	152	20483	0.373	ng	100
17) Acenaphthene	14.336	154	13491	0.356	ng	98
18) Fluorene	15.330	166	15881	0.340	ng	99
20) 4,6-Dinitro-2-methylph...	15.405	198	938	0.324	ng	# 83
21) 4-Bromophenyl-phenylether	16.232	248	4254	0.384	ng	97
22) Hexachlorobenzene	16.331	284	4442	0.370	ng	99
23) Atrazine	16.505	200	3620	0.416	ng	99
24) Pentachlorophenol	16.679	266	3356	0.789	ng	99
25) Phenanthrene	17.064	178	23444	0.375	ng	100
26) Anthracene	17.151	178	21418	0.386	ng	100
28) Fluoranthene	19.087	202	22165	0.340	ng	99
30) Pyrene	19.445	202	22644	0.393	ng	100
32) Benzo(a)anthracene	21.194	228	16780	0.392	ng	99
33) Chrysene	21.248	228	17018	0.384	ng	99
34) Bis(2-ethylhexyl)phtha...	21.158	149	12888	0.530	ng	99
36) Indeno(1,2,3-cd)pyrene	25.619	276	17784	0.420	ng	99
37) Benzo(b)fluoranthene	22.757	252	16080	0.366	ng	98
38) Benzo(k)fluoranthene	22.801	252	16158	0.373	ng	99
39) Benzo(a)pyrene	23.318	252	14630	0.415	ng	99
40) Dibenzo(a,h)anthracene	25.634	278	13681	0.410	ng	98
41) Benzo(g,h,i)perylene	26.286	276	14059	0.382	ng	99

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

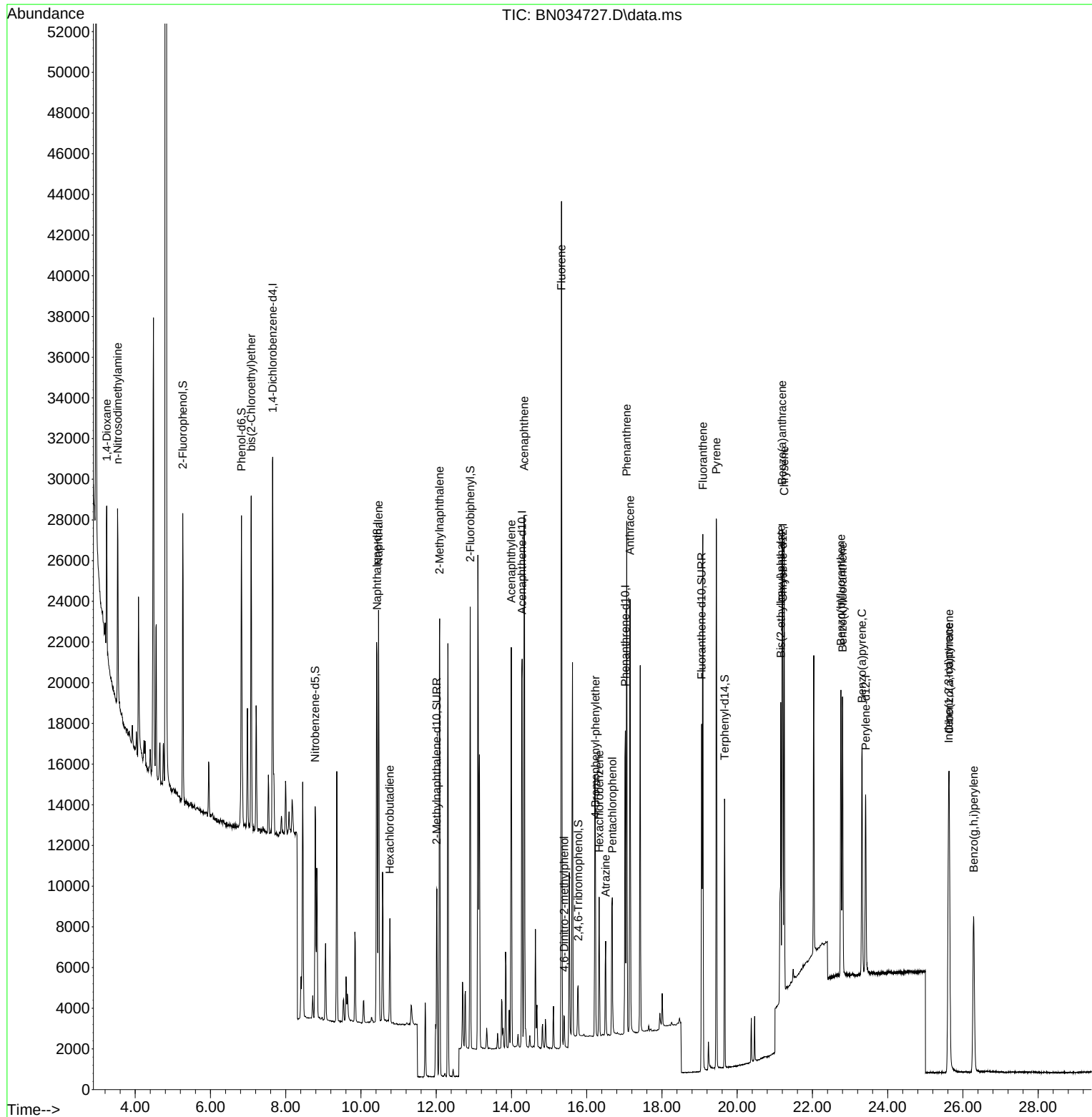
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102524\
Data File : BN034727.D
Acq On : 25 Oct 2024 17:40
Operator : RC/JU
Sample : PB164409BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

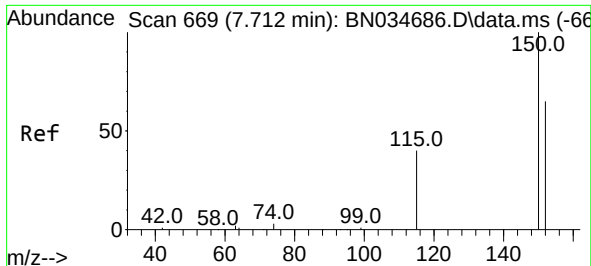
Instrument :
BNA_N
ClientSampleId :
PB164409BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 18:09:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration





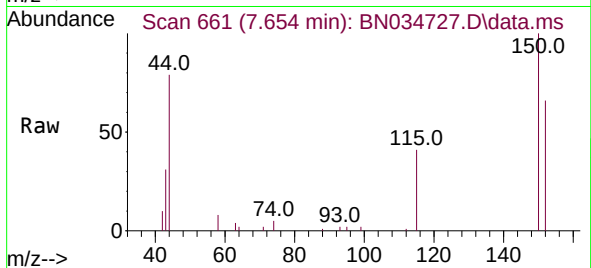
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.654 min Scan# 60
Delta R.T. -0.058 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS

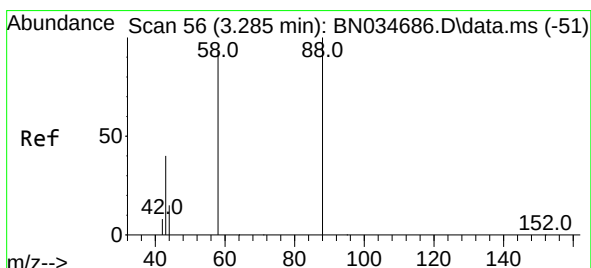
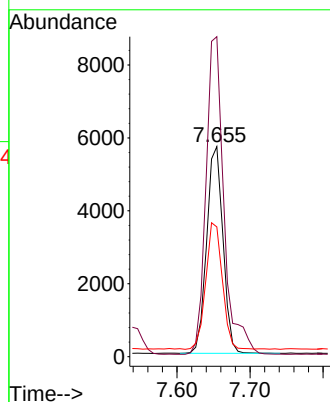
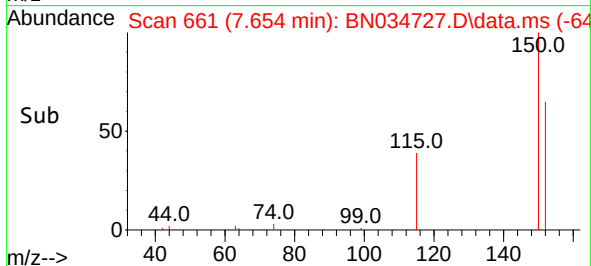


Tgt Ion:152 Resp: 8770
Ion Ratio Lower Upper
152 100
150 152.3 122.7 184.1
115 61.8 51.0 76.6

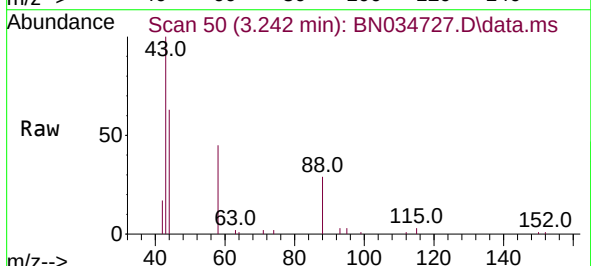
Manual Integrations

APPROVED

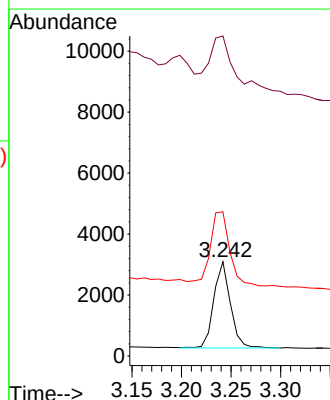
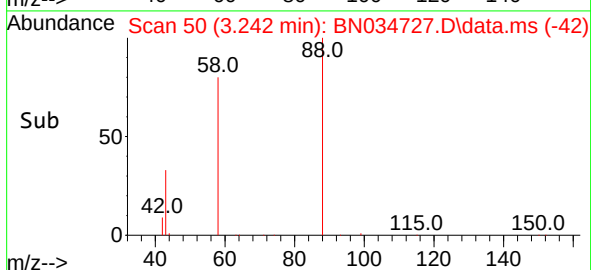
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

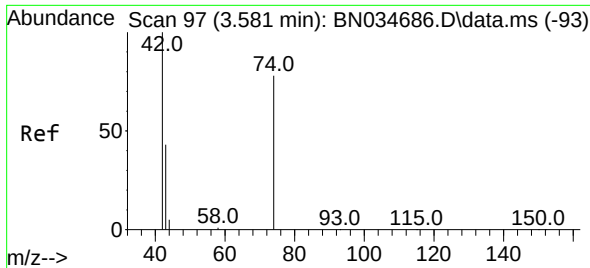


#2
1,4-Dioxane
Concen: 0.282 ng
RT: 3.242 min Scan# 50
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40



Tgt Ion: 88 Resp: 3291
Ion Ratio Lower Upper
88 100
43 128.2 32.1 48.1#
58 114.0 73.7 110.5#





#3
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.531 min Scan# 90
Delta R.T. -0.050 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

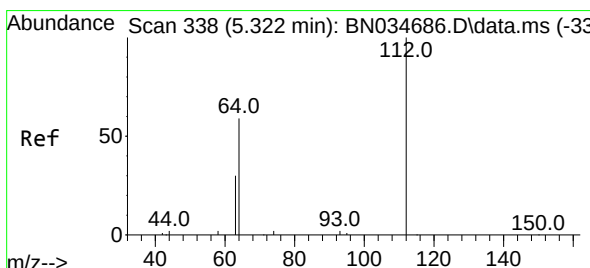
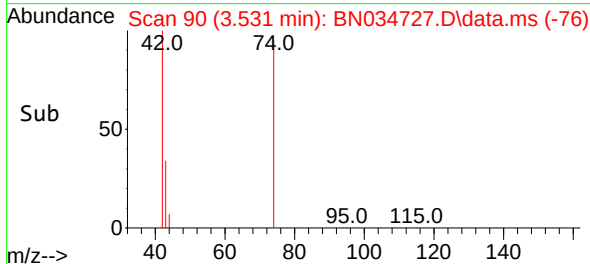
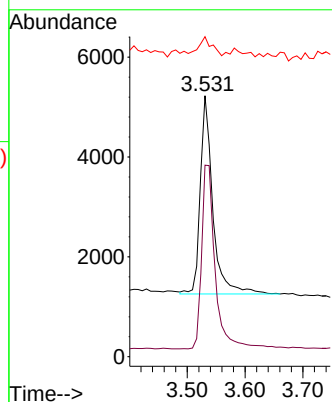
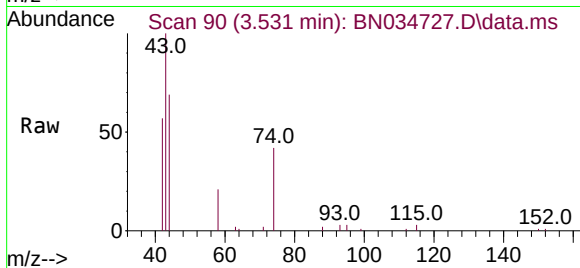
PB164409BS

Tgt Ion: 42 Resp: 5980
Ion Ratio Lower Upper
42 100
74 101.2 77.2 115.8
44 11.0 13.4 20.2

Manual Integrations

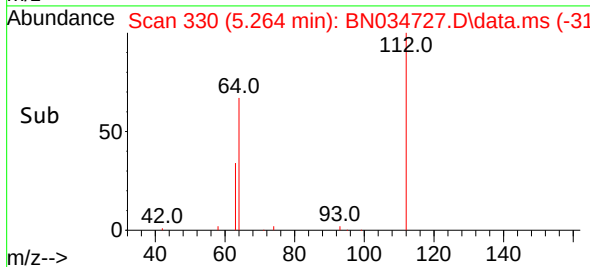
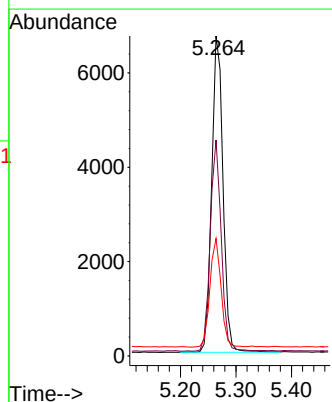
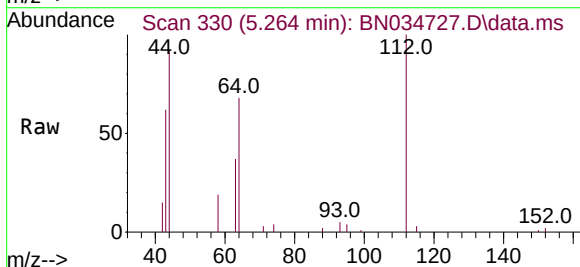
APPROVED

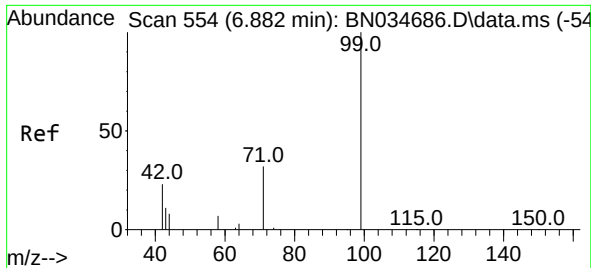
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.264 min Scan# 330
Delta R.T. -0.058 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:112 Resp: 9491
Ion Ratio Lower Upper
112 100
64 64.8 53.0 79.6
63 33.8 27.6 41.4





#5
Phenol-d6
Concen: 0.360 ng
RT: 6.824 min Scan# 54
Delta R.T. -0.058 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

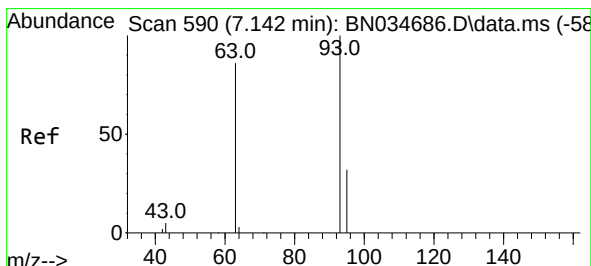
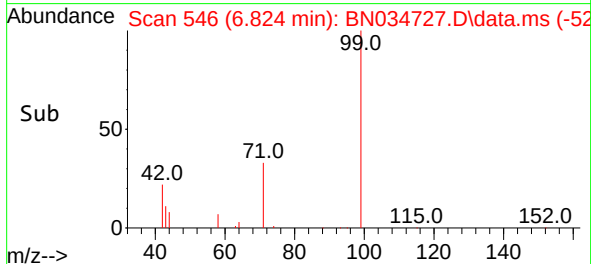
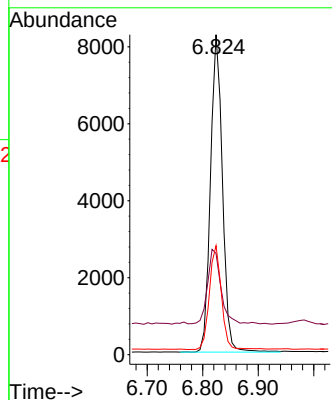
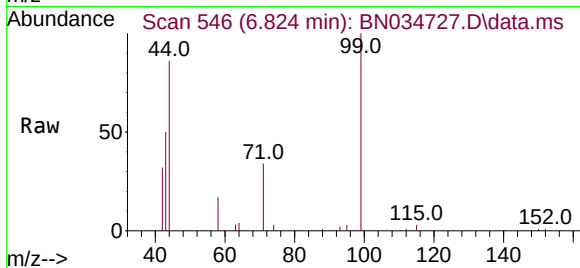
PB164409BS

Tgt Ion: 99 Resp: 1238
Ion Ratio Lower Upper
99 100
42 25.8 21.8 32.8
71 33.0 26.6 40.0

Manual Integrations

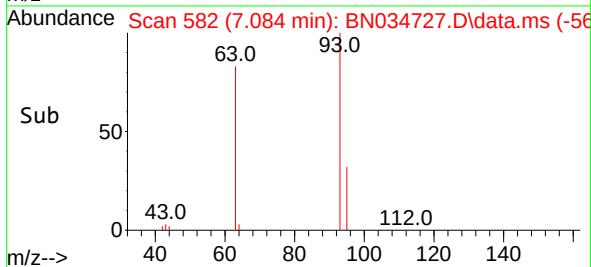
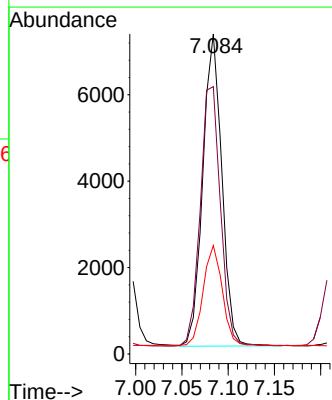
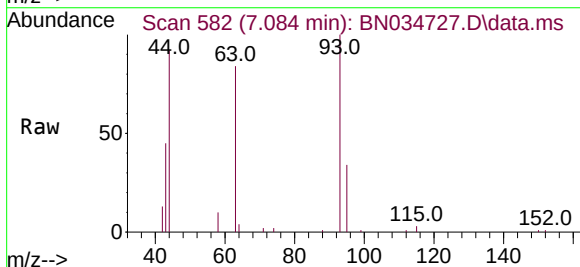
APPROVED

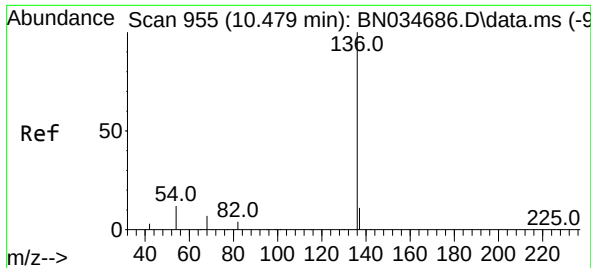
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.369 ng
RT: 7.084 min Scan# 582
Delta R.T. -0.058 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion: 93 Resp: 10317
Ion Ratio Lower Upper
93 100
63 88.6 71.5 107.3
95 32.3 25.8 38.6





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.426 min Scan# 91
Delta R.T. -0.053 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

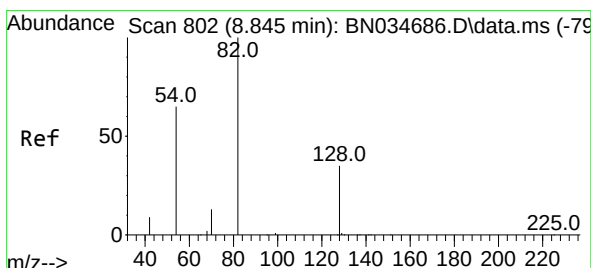
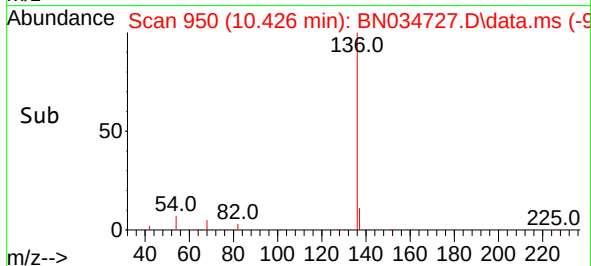
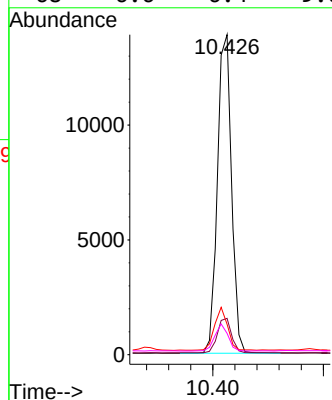
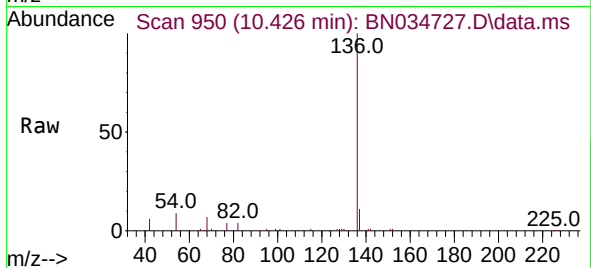
ClientSampleId :

PB164409BS

Tgt Ion:136 Resp: 2461
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 9.5 9.8 14.8
68 6.6 6.4 9.6

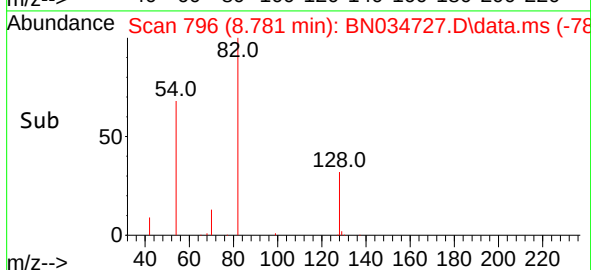
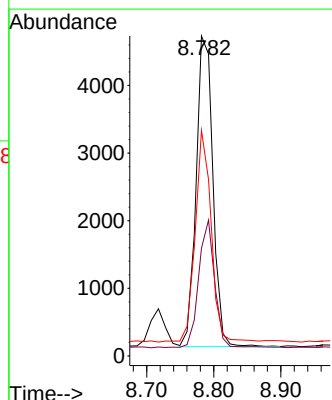
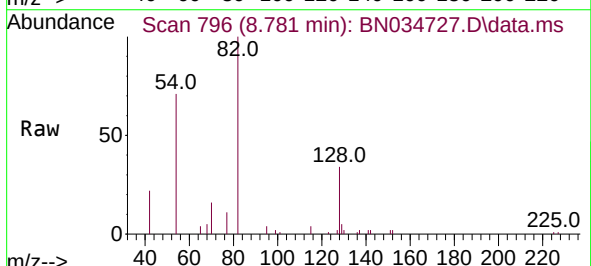
Manual Integrations
APPROVED

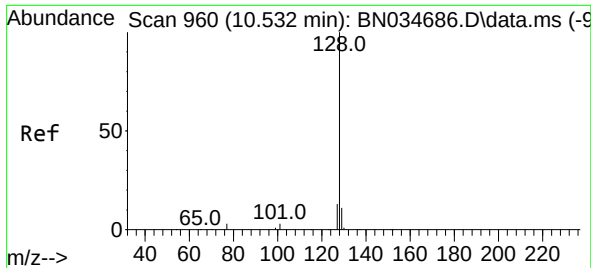
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.781 min Scan# 796
Delta R.T. -0.064 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion: 82 Resp: 8000
Ion Ratio Lower Upper
82 100
128 33.7 29.7 44.5
54 70.5 53.0 79.6





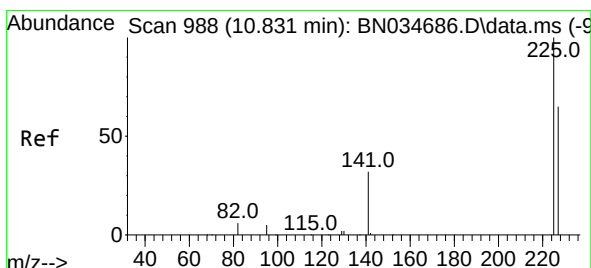
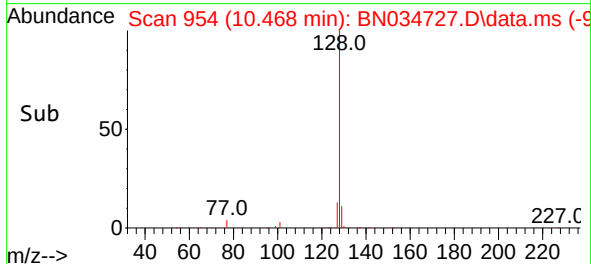
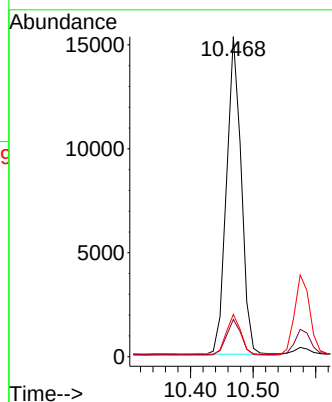
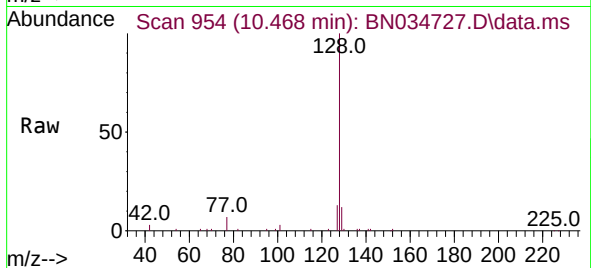
#9
Naphthalene
Concen: 0.366 ng
RT: 10.468 min Scan# 91
Delta R.T. -0.064 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :
BNA_N
ClientSampleId :
PB164409BS

Tgt Ion:128 Resp: 2491
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.2 10.5 15.7

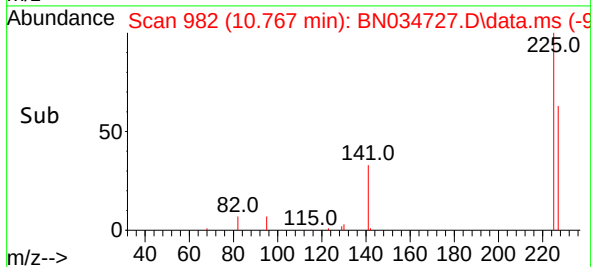
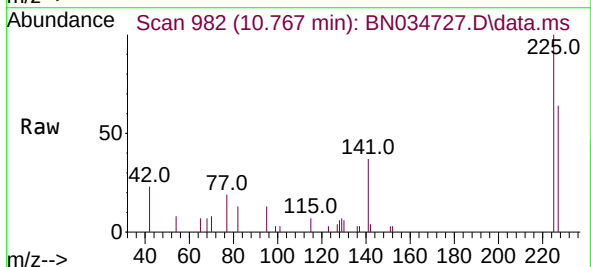
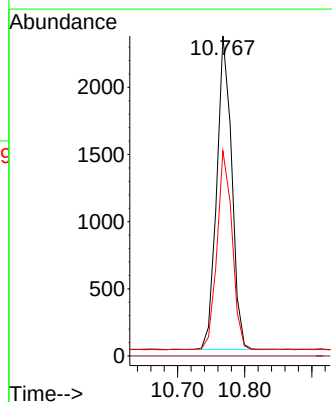
Manual Integrations
APPROVED

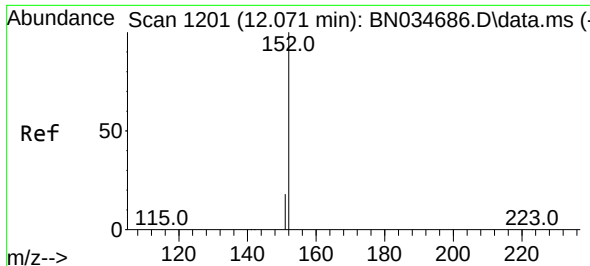
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#10
Hexachlorobutadiene
Concen: 0.355 ng
RT: 10.767 min Scan# 982
Delta R.T. -0.064 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

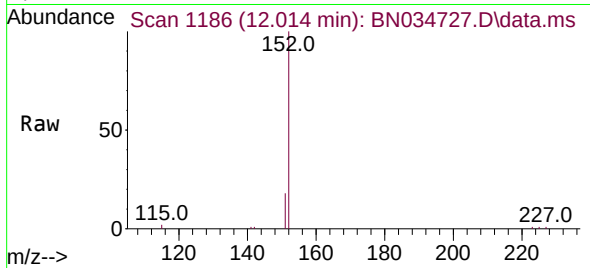
Tgt Ion:225 Resp: 3622
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.5 51.4 77.0





#11
2-Methylnaphthalene-d10
Concen: 0.471 ng m
RT: 12.014 min Scan# 1186
Delta R.T. -0.057 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

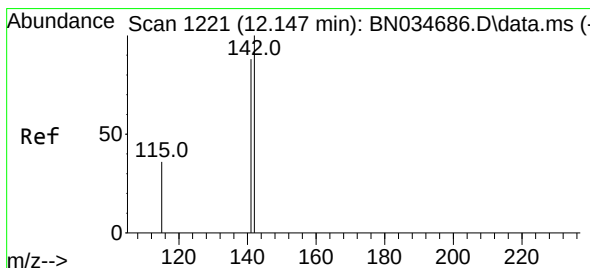
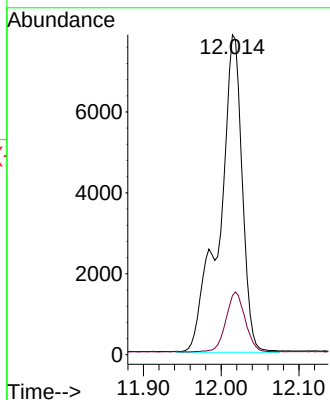
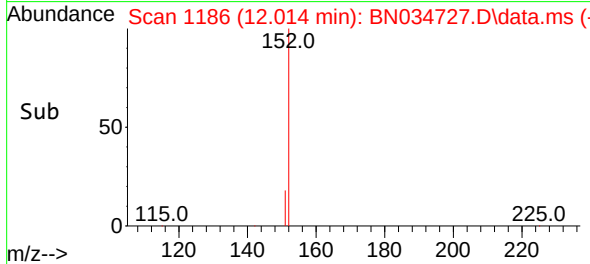
Instrument :
BNA_N
ClientSampleId :
PB164409BS



Tgt Ion:152 Resp: 1595
Ion Ratio Lower Upper
152 100
151 16.0 16.7 25.1

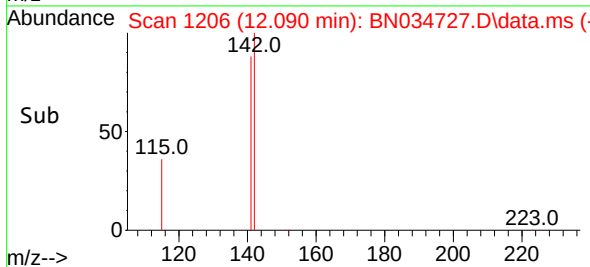
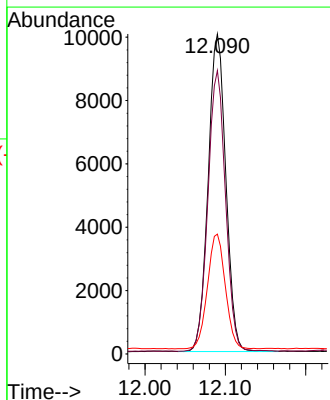
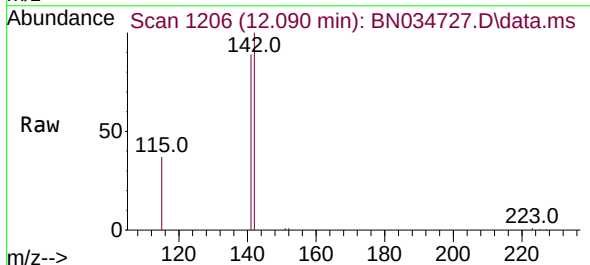
Manual Integrations
APPROVED

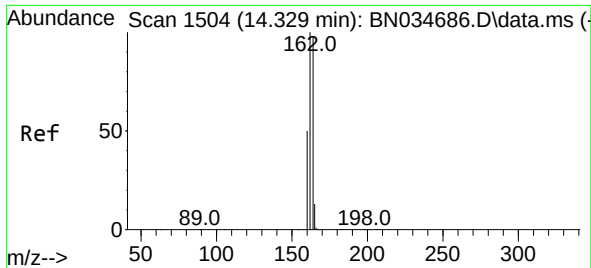
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.090 min Scan# 1206
Delta R.T. -0.057 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:142 Resp: 15296
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6
115 37.4 29.8 44.6





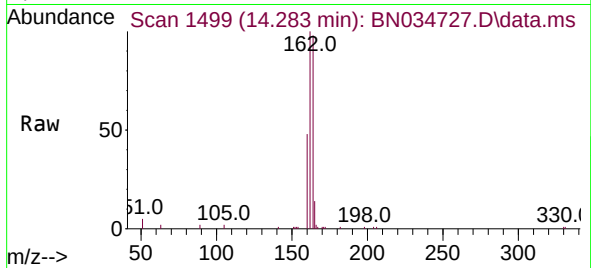
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.283 min Scan# 1499
Delta R.T. -0.046 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS



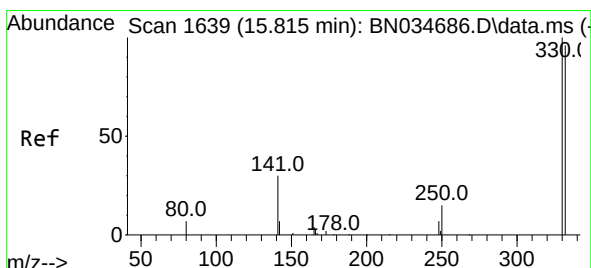
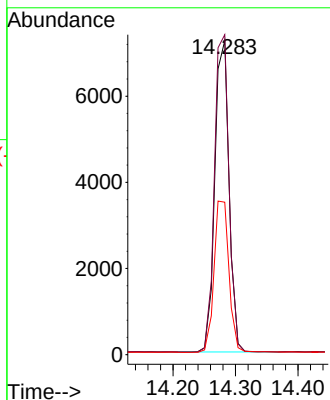
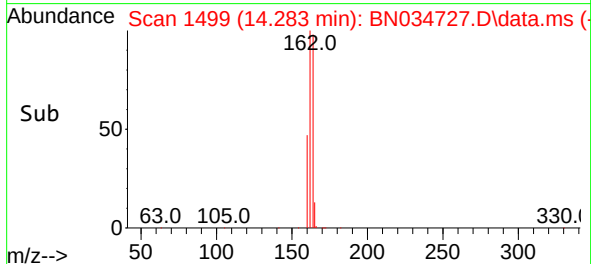
Tgt Ion:164 Resp: 11438
Ion Ratio Lower Upper
164 100
162 101.9 81.4 122.0
160 48.6 40.6 61.0

Manual Integrations

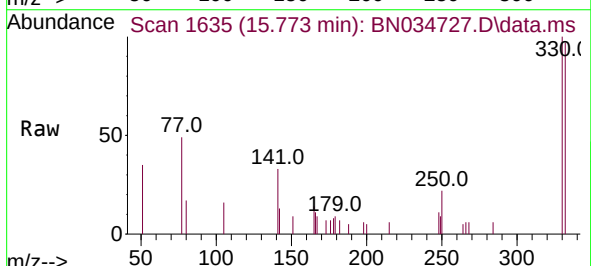
APPROVED

Reviewed By :Yogesh Patel 10/28/2024

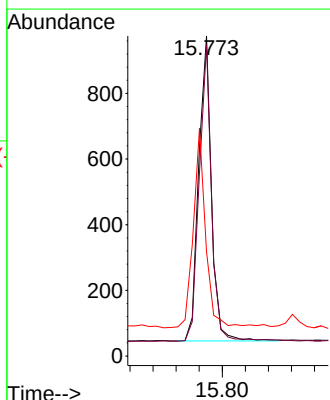
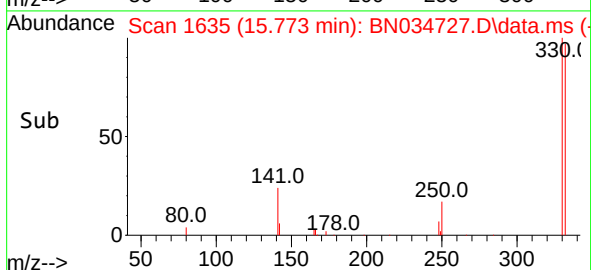
Supervised By :mohammad ahmed 10/28/2024

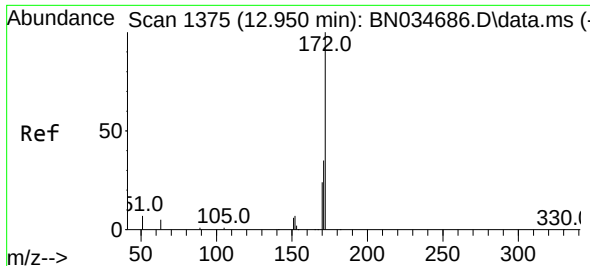


#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 15.773 min Scan# 1635
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40



Tgt Ion:330 Resp: 1427
Ion Ratio Lower Upper
330 100
332 94.1 76.6 115.0
141 63.1 54.6 81.8





#15
2-Fluorobiphenyl
Concen: 0.381 ng
RT: 12.904 min Scan# 11
Delta R.T. -0.046 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

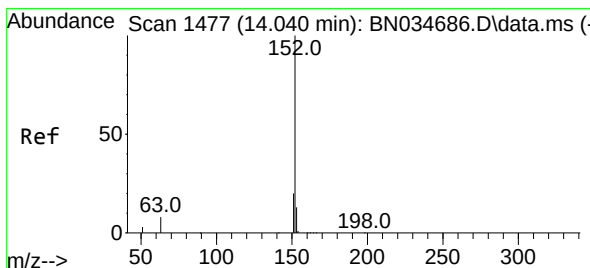
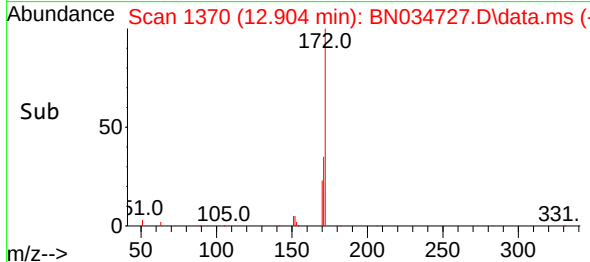
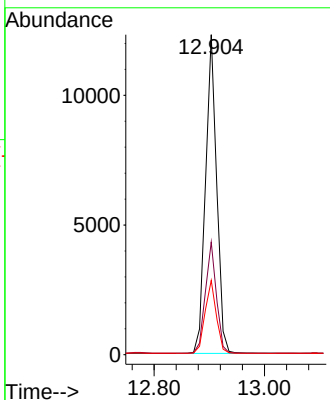
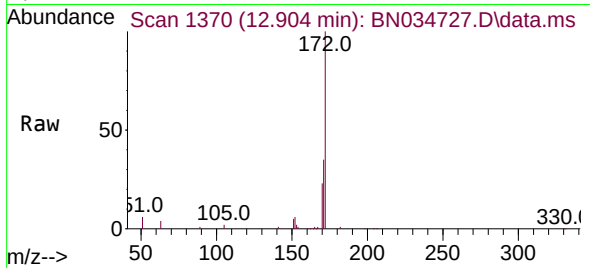
ClientSampleId :

PB164409BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	23.2	19.8	29.6

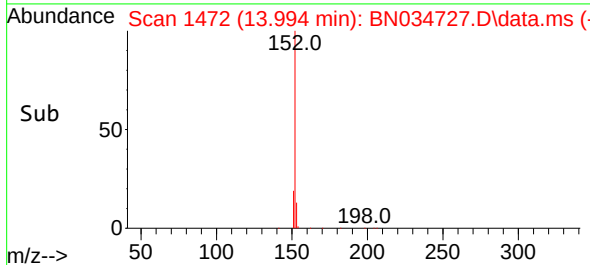
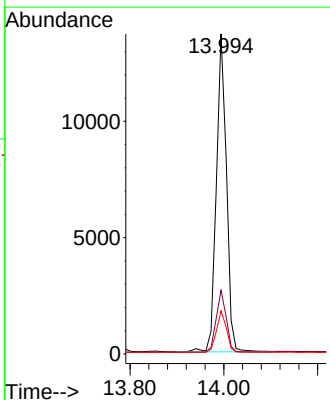
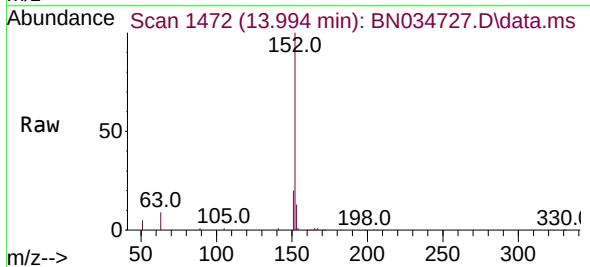
Manual Integrations
APPROVED

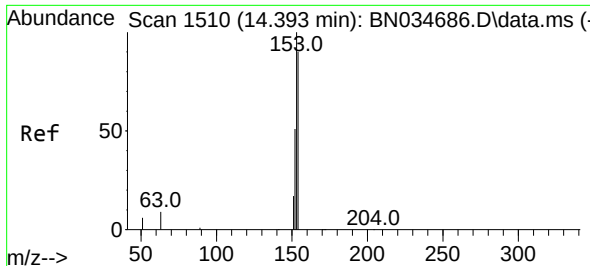
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.994 min Scan# 1472
Delta R.T. -0.046 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

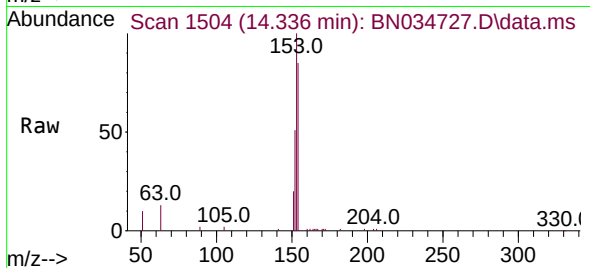
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.6	23.4
153	13.0	10.6	15.8





#17
Acenaphthene
Concen: 0.356 ng
RT: 14.336 min Scan# 1504
Delta R.T. -0.057 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

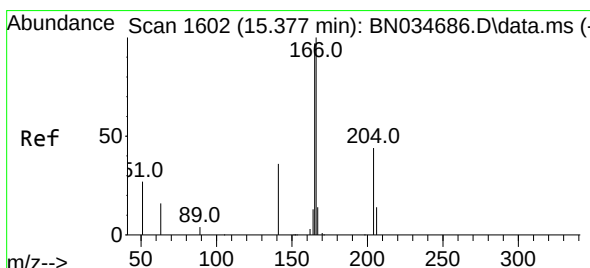
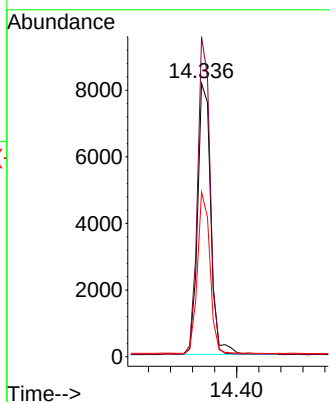
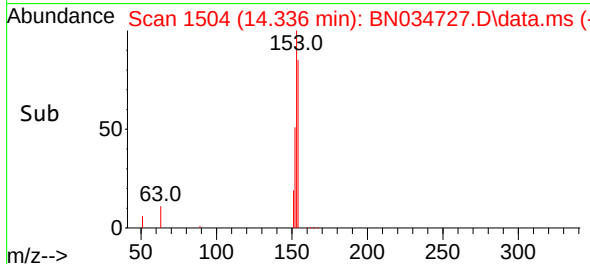
Instrument :
BNA_N
ClientSampleId :
PB164409BS



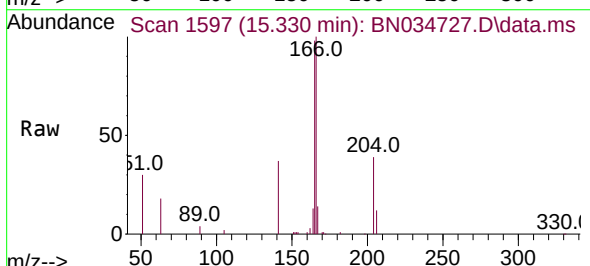
Tgt Ion:154 Resp: 1349
Ion Ratio Lower Upper
154 100
153 111.3 88.2 132.2
152 56.2 46.9 70.3

Manual Integrations
APPROVED

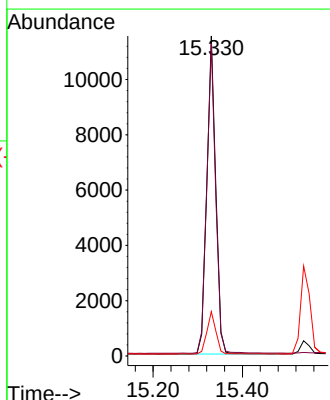
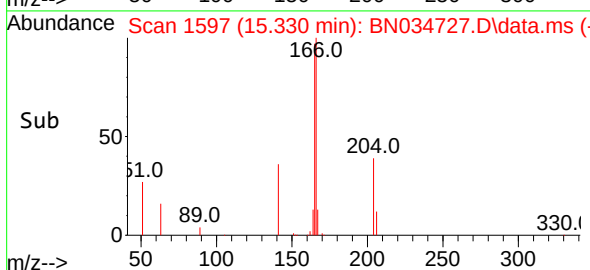
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

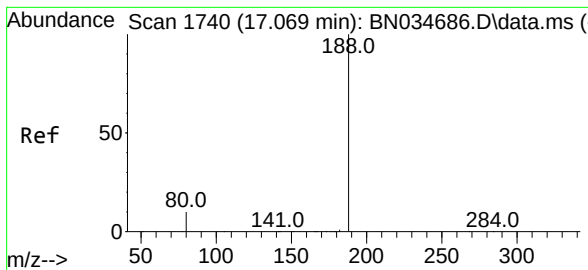


#18
Fluorene
Concen: 0.340 ng
RT: 15.330 min Scan# 1597
Delta R.T. -0.046 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40



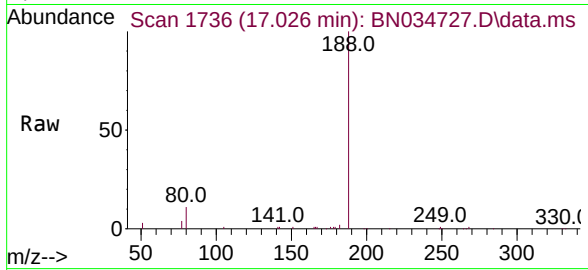
Tgt Ion:166 Resp: 15881
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.4 10.6 16.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.026 min Scan# 11
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

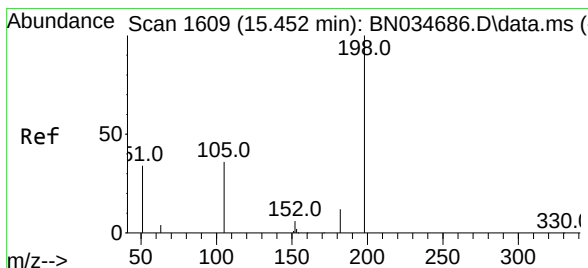
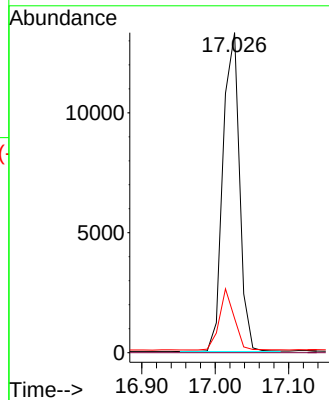
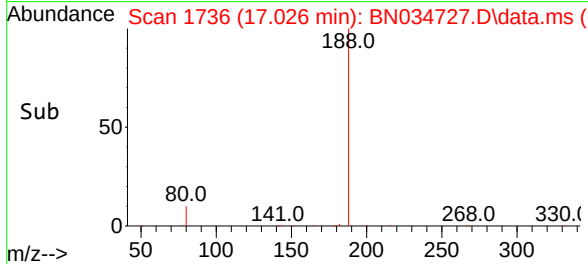
Instrument :
BNA_N
ClientSampleId :
PB164409BS



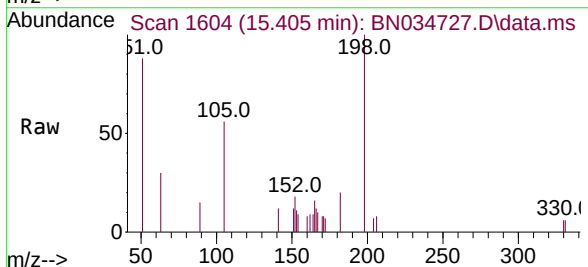
Tgt Ion:188 Resp: 20789
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.7 8.9 13.3

Manual Integrations
APPROVED

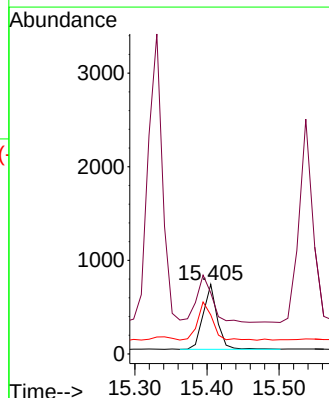
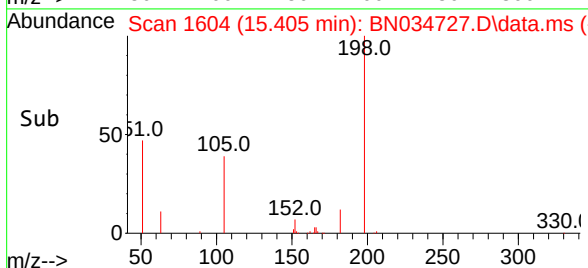
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

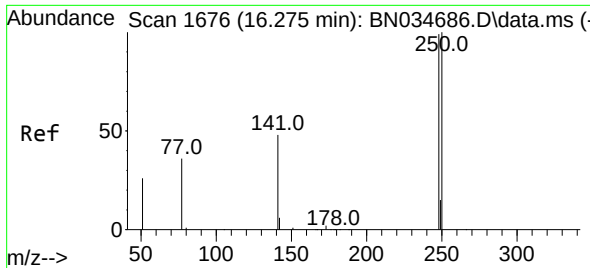


#20
4,6-Dinitro-2-methylphenol
Concen: 0.324 ng
RT: 15.405 min Scan# 1604
Delta R.T. -0.047 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40



Tgt Ion:198 Resp: 938
Ion Ratio Lower Upper
198 100
51 87.9 91.8 137.8#
105 56.1 44.3 66.5





#21
4-Bromophenyl-phenylether
Concen: 0.384 ng
RT: 16.232 min Scan# 1672
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

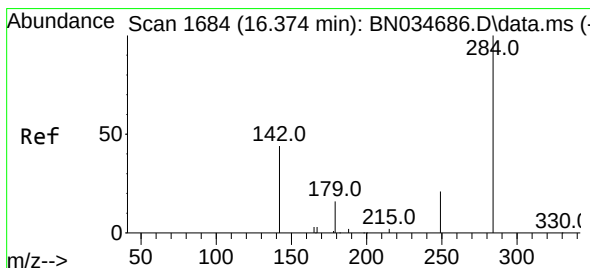
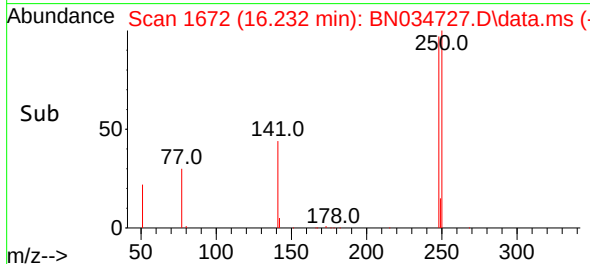
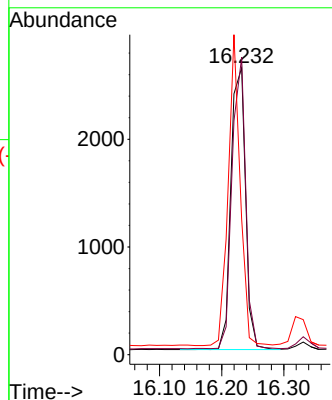
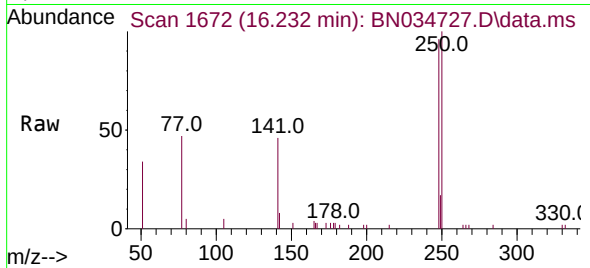
PB164409BS

Tgt Ion:248 Resp: 4254
Ion Ratio Lower Upper
248 100
250 103.6 80.9 121.3
141 47.4 40.5 60.7

Manual Integrations

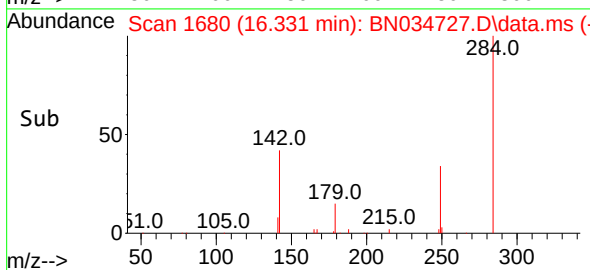
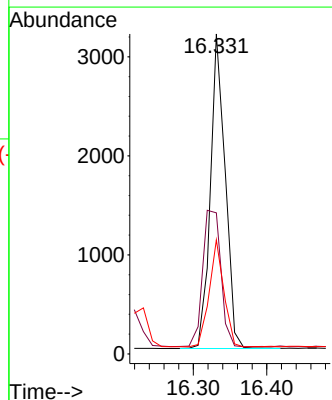
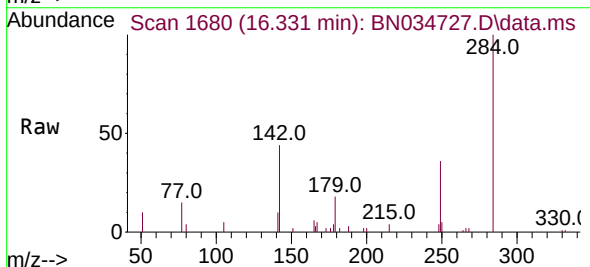
APPROVED

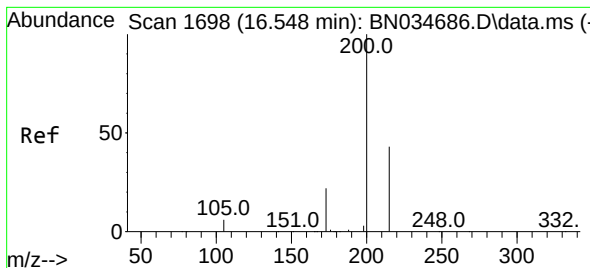
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#22
Hexachlorobenzene
Concen: 0.370 ng
RT: 16.331 min Scan# 1680
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:284 Resp: 4442
Ion Ratio Lower Upper
284 100
142 53.3 43.6 65.4
249 33.5 26.6 40.0





#23

Atrazine

Concen: 0.416 ng

RT: 16.505 min Scan# 11

Delta R.T. -0.043 min

Lab File: BN034727.D

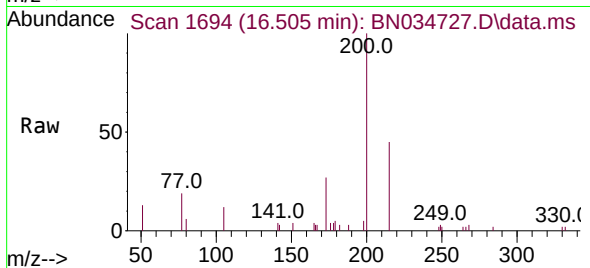
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS



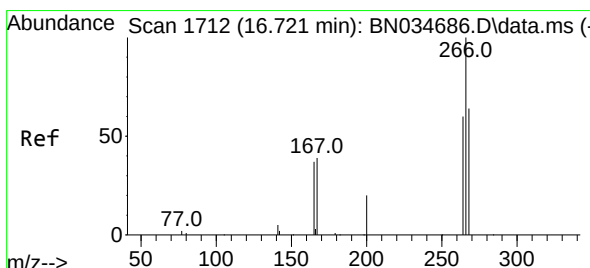
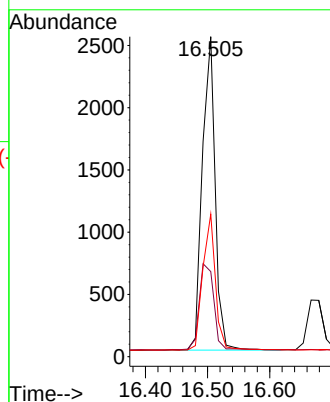
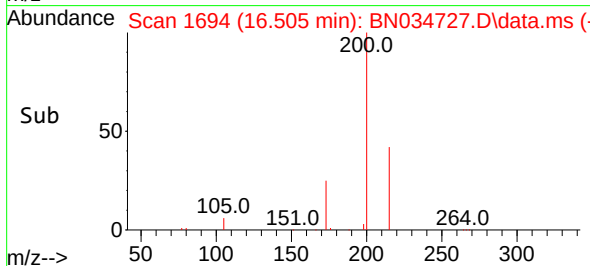
Tgt Ion:200	Resp:	3620
Ion Ratio	Lower	Upper
200	100	
173	26.6	19.7 29.5
215	44.6	35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#24

Pentachlorophenol

Concen: 0.789 ng

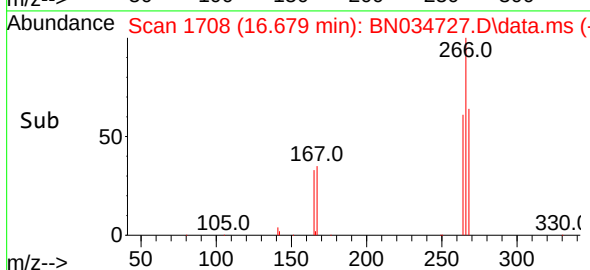
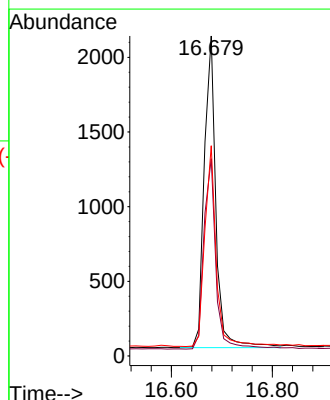
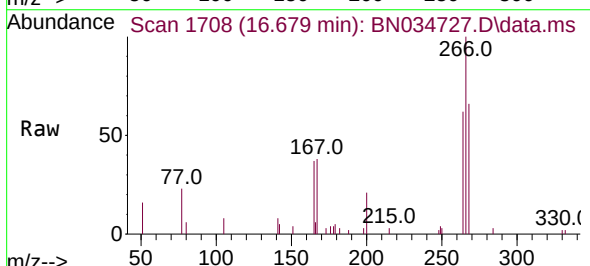
RT: 16.679 min Scan# 1708

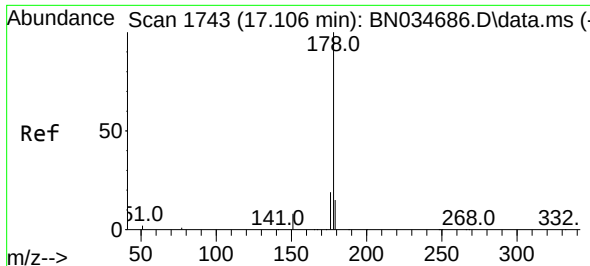
Delta R.T. -0.042 min

Lab File: BN034727.D

Acq: 25 Oct 2024 17:40

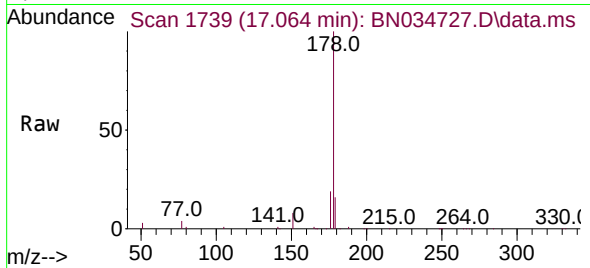
Tgt Ion:266	Resp:	3356
Ion Ratio	Lower	Upper
266	100	
264	62.7	49.4 74.2
268	63.5	50.5 75.7





#25
Phenanthrene
Concen: 0.375 ng
RT: 17.064 min Scan# 1743
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

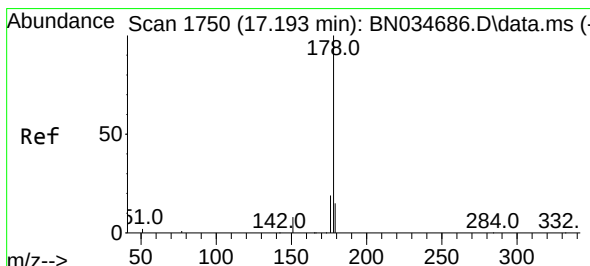
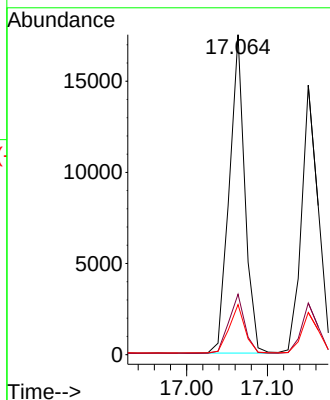
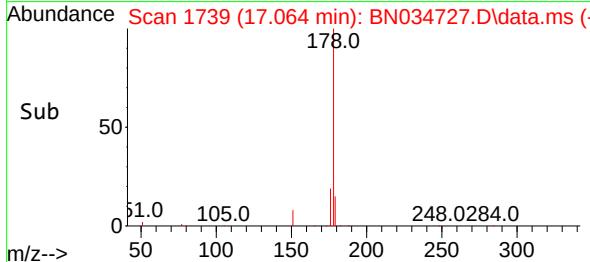
Instrument :
BNA_N
ClientSampleId :
PB164409BS



Tgt Ion:178 Resp: 2344
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.2 18.4

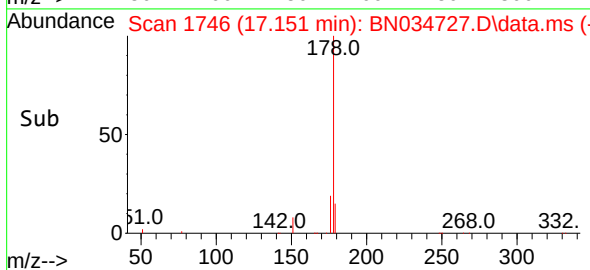
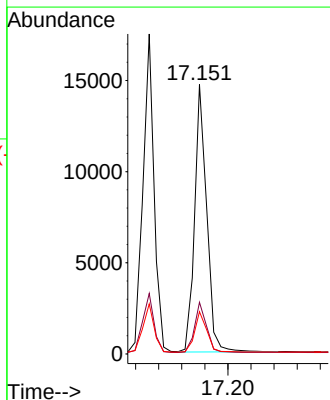
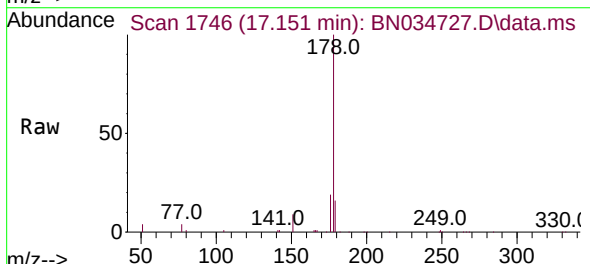
Manual Integrations
APPROVED

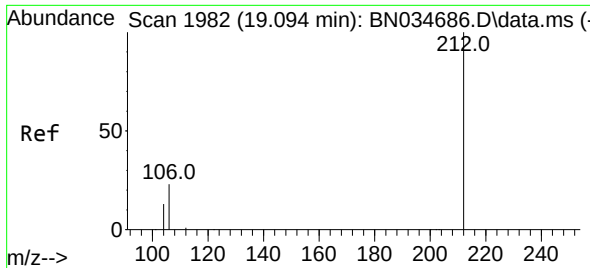
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#26
Anthracene
Concen: 0.386 ng
RT: 17.151 min Scan# 1746
Delta R.T. -0.043 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:178 Resp: 21418
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.4 12.2 18.2





#27
Fluoranthene-d10
Concen: 0.353 ng
RT: 19.055 min Scan# 1972
Delta R.T. -0.039 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

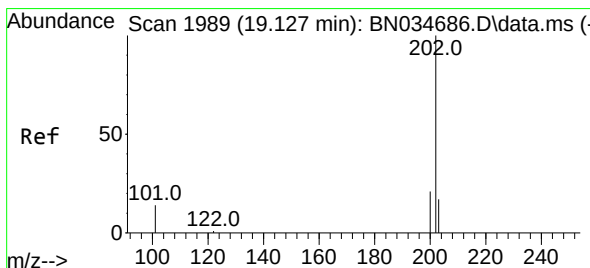
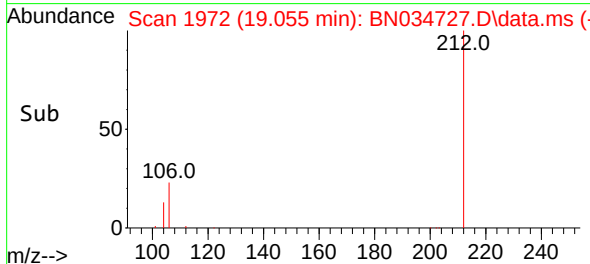
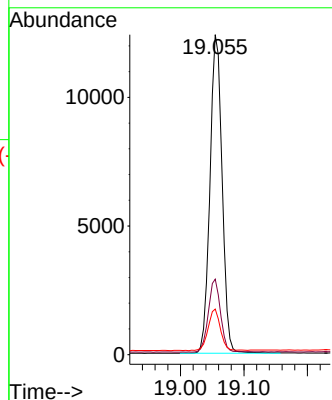
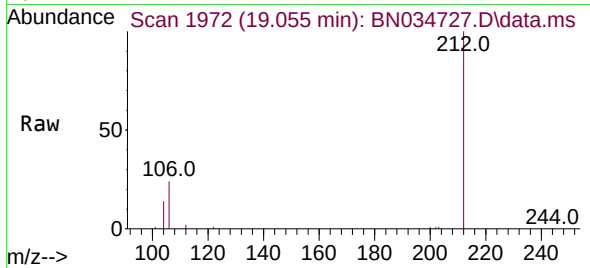
ClientSampleId :

PB164409BS

Tgt Ion:212 Resp: 1651
Ion Ratio Lower Upper
212 100
106 22.8 17.8 26.8
104 13.1 10.2 15.4

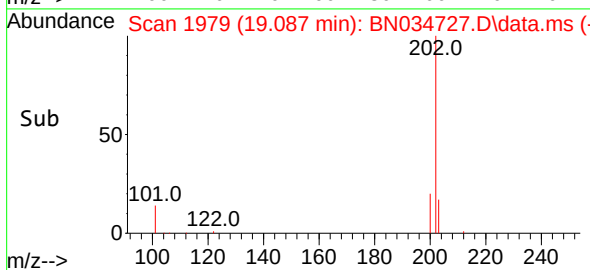
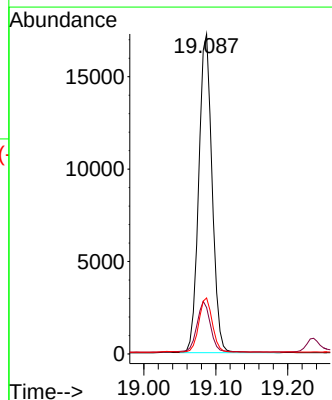
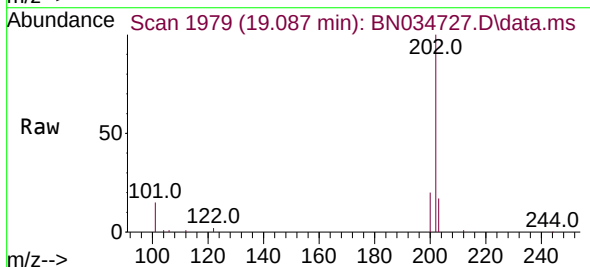
Manual Integrations
APPROVED

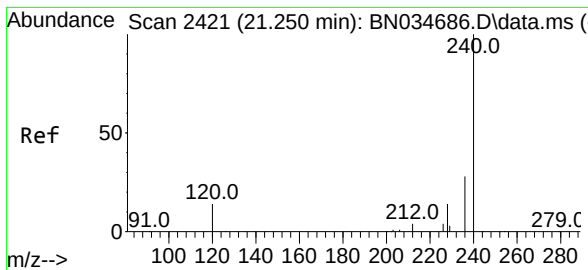
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#28
Fluoranthene
Concen: 0.340 ng
RT: 19.087 min Scan# 1979
Delta R.T. -0.039 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:202 Resp: 22165
Ion Ratio Lower Upper
202 100
101 16.6 12.8 19.2
203 17.0 13.5 20.3





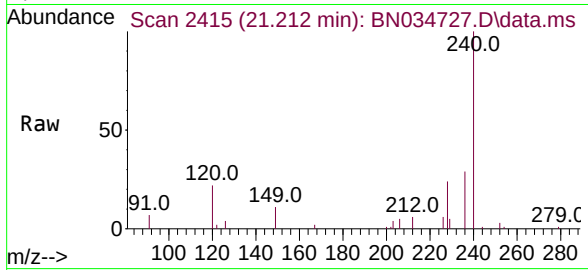
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.212 min Scan# 2415
Delta R.T. -0.038 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS



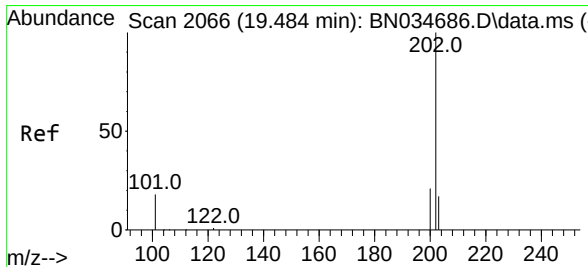
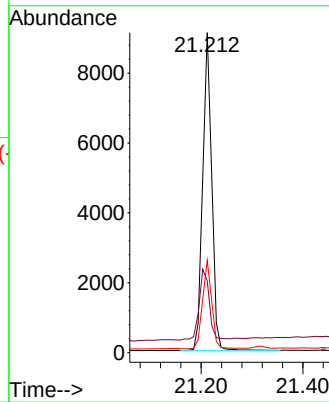
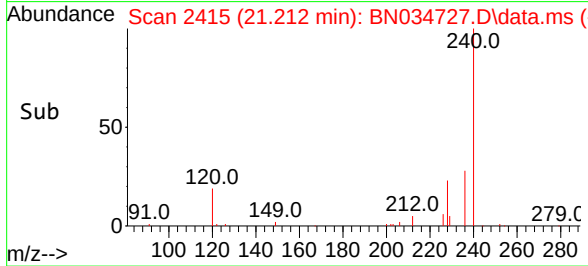
Tgt Ion:240 Resp: 1121
Ion Ratio Lower Upper
240 100
120 22.5 14.2 21.2
236 28.9 23.1 34.7

Manual Integrations

APPROVED

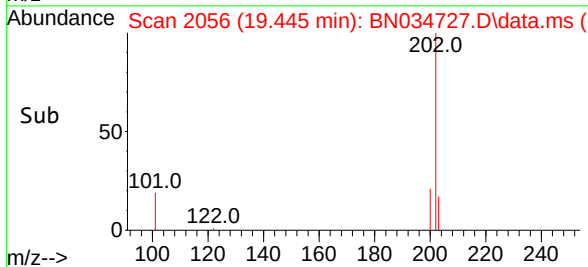
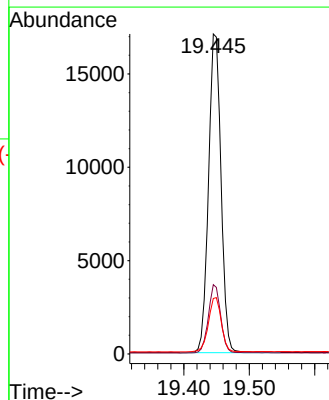
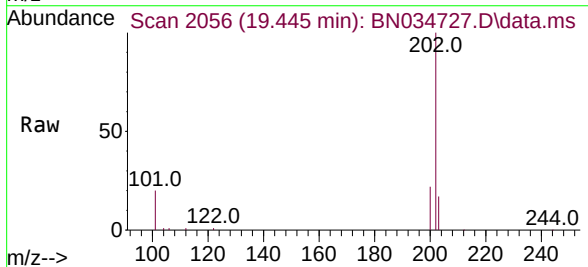
Reviewed By :Yogesh Patel 10/28/2024

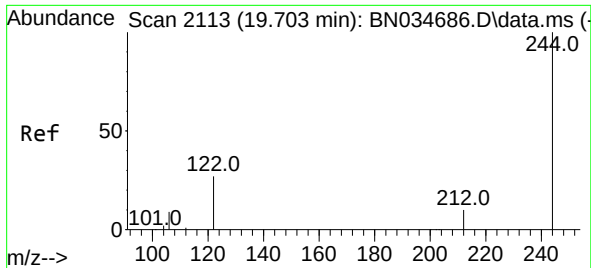
Supervised By :mohammad ahmed 10/28/2024



#30
Pyrene
Concen: 0.393 ng
RT: 19.445 min Scan# 2056
Delta R.T. -0.039 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:202 Resp: 22644
Ion Ratio Lower Upper
202 100
200 21.0 16.6 25.0
203 17.6 14.2 21.4





#31
 Terphenyl-d14
 Concen: 0.475 ng
 RT: 19.668 min Scan# 2113
 Delta R.T. -0.035 min
 Lab File: BN034727.D
 Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

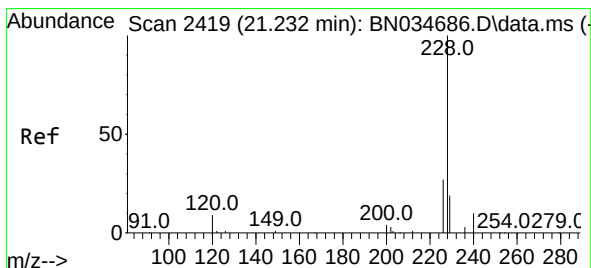
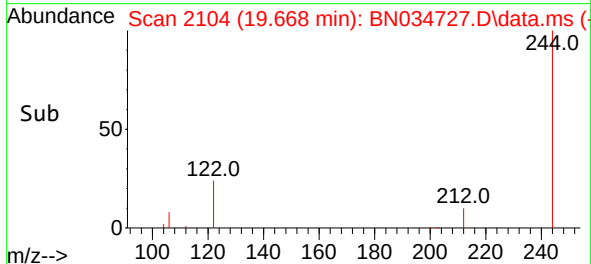
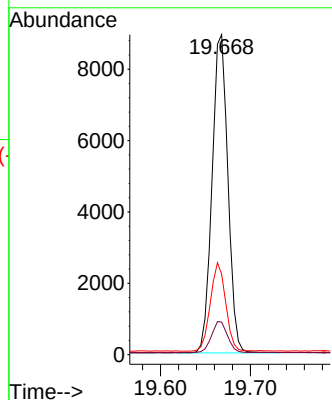
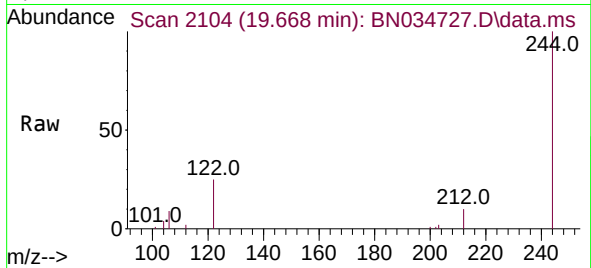
PB164409BS

Tgt Ion:244 Resp: 10894
 Ion Ratio Lower Upper
 244 100
 212 10.2 8.6 13.0
 122 25.1 22.3 33.5

Manual Integrations

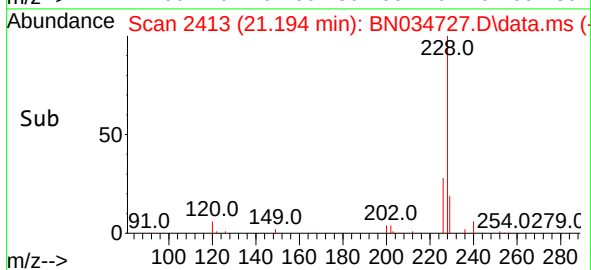
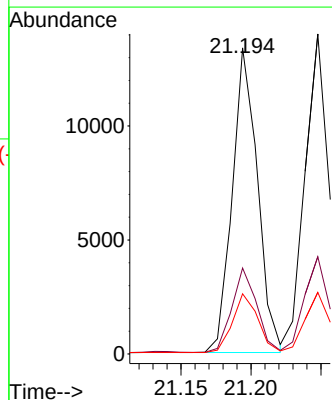
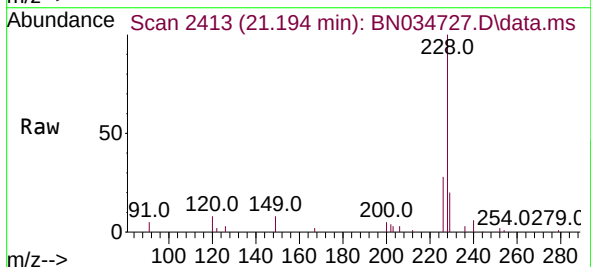
APPROVED

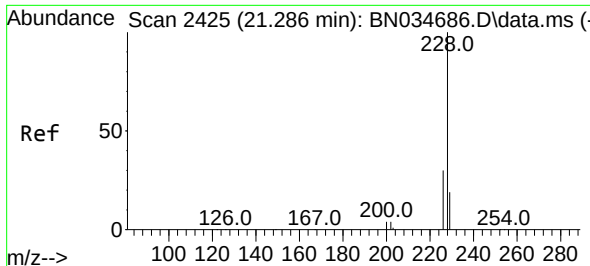
Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :mohammad ahmed 10/28/2024



#32
 Benzo(a)anthracene
 Concen: 0.392 ng
 RT: 21.194 min Scan# 2413
 Delta R.T. -0.038 min
 Lab File: BN034727.D
 Acq: 25 Oct 2024 17:40

Tgt Ion:228 Resp: 16780
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.0 33.0
 229 19.7 15.6 23.4





#33

Chrysene

Concen: 0.384 ng

RT: 21.248 min Scan# 2419

Delta R.T. -0.038 min

Lab File: BN034727.D

Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS

Tgt Ion:228 Resp: 17018

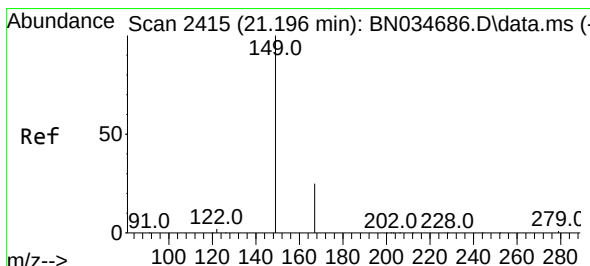
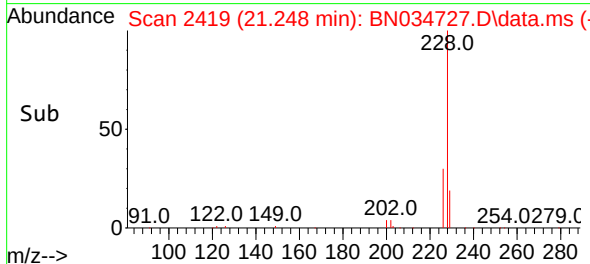
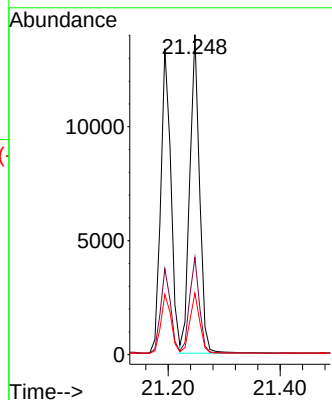
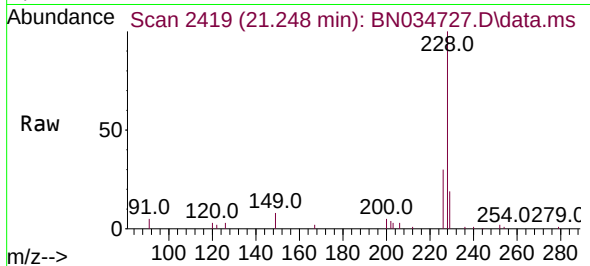
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.3	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.530 ng

RT: 21.158 min Scan# 2409

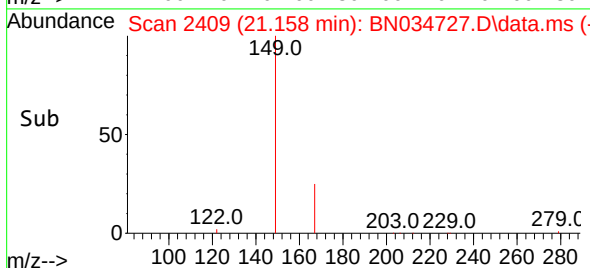
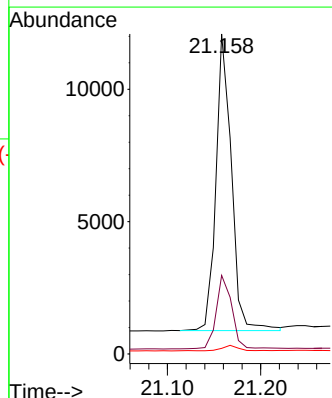
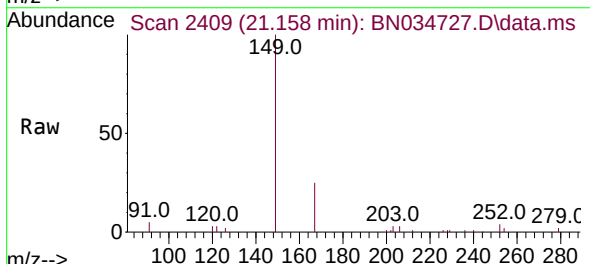
Delta R.T. -0.038 min

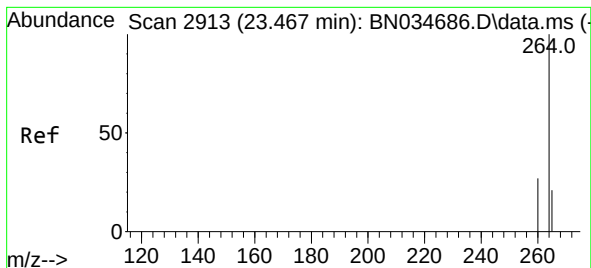
Lab File: BN034727.D

Acq: 25 Oct 2024 17:40

Tgt Ion:149 Resp: 12888

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.7	29.5
279	2.0	1.8	2.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.415 min Scan# 21

Delta R.T. -0.052 min

Lab File: BN034727.D

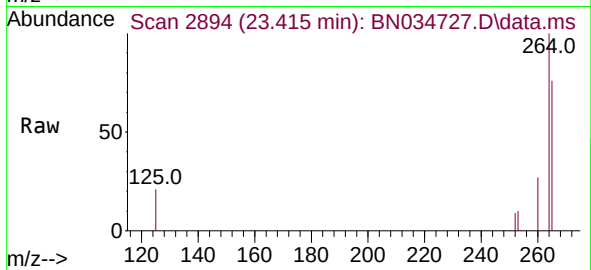
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS



Tgt Ion:264 Resp: 1099

Ion Ratio Lower Upper

264 100

260 26.7 21.9 32.9

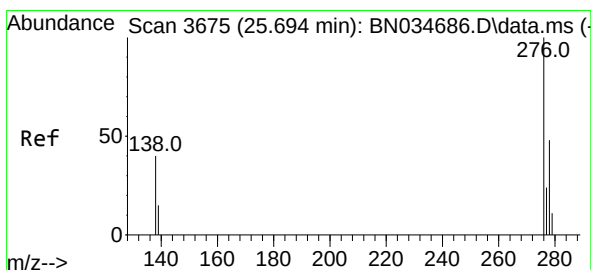
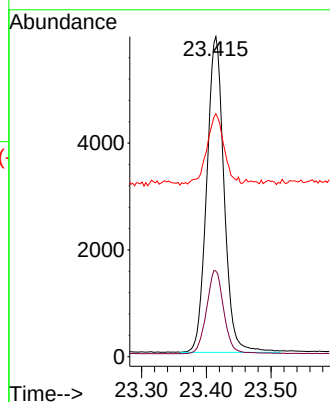
265 75.9 60.6 91.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.420 ng

RT: 25.619 min Scan# 3648

Delta R.T. -0.075 min

Lab File: BN034727.D

Acq: 25 Oct 2024 17:40

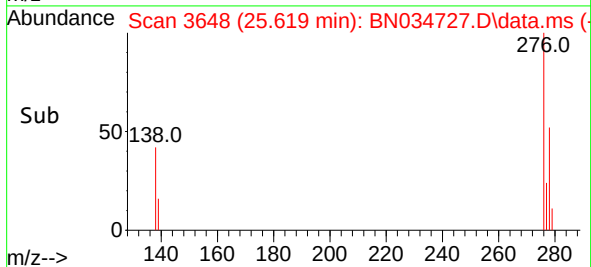
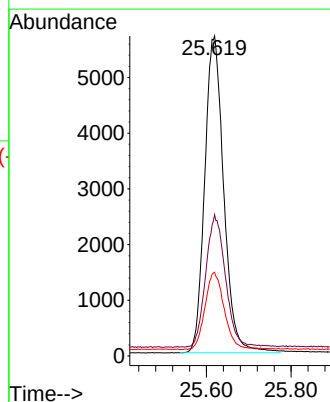
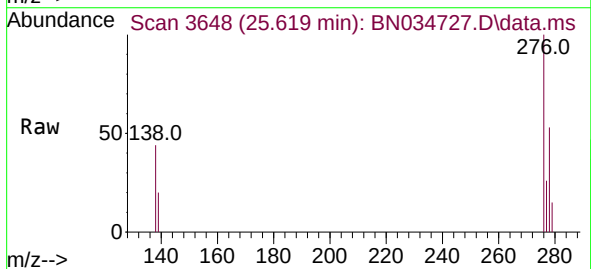
Tgt Ion:276 Resp: 17784

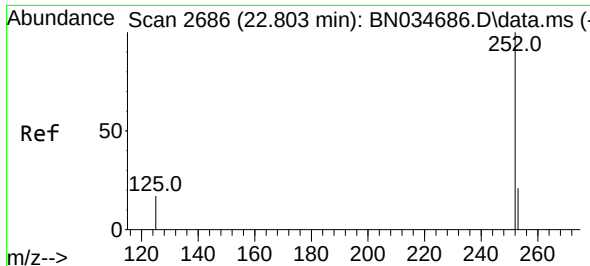
Ion Ratio Lower Upper

276 100

138 42.7 35.1 52.7

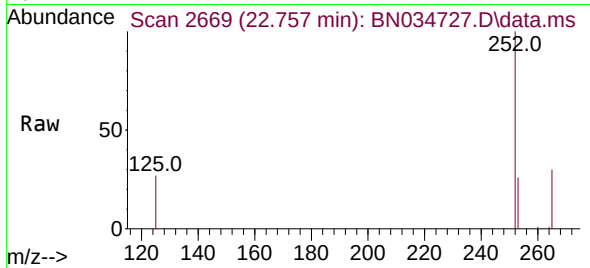
277 24.4 19.7 29.5





#37
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 22.757 min Scan# 2669
Delta R.T. -0.046 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

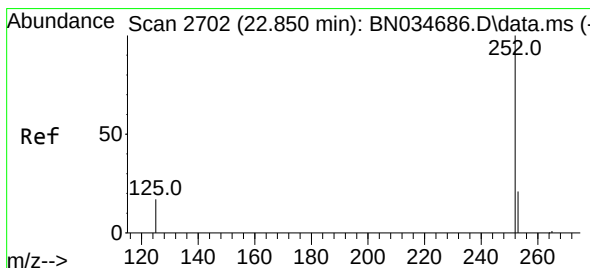
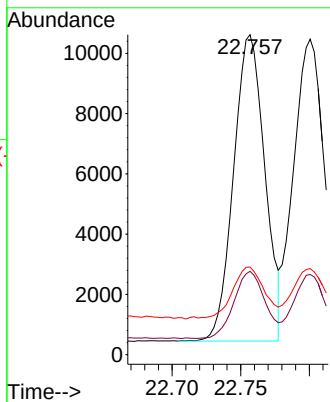
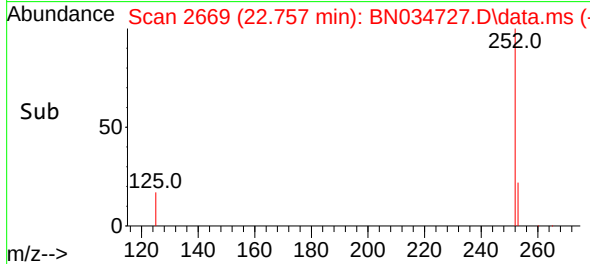
Instrument :
BNA_N
ClientSampleId :
PB164409BS



Tgt Ion:252 Resp: 16080
Ion Ratio Lower Upper
252 100
253 26.1 20.0 30.0
125 27.4 20.9 31.3

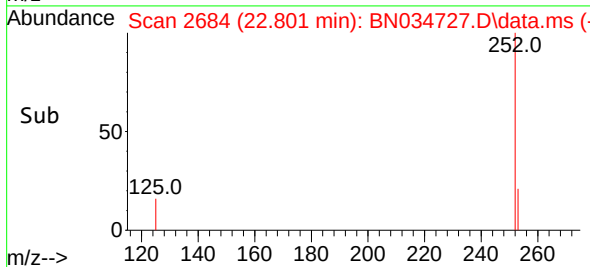
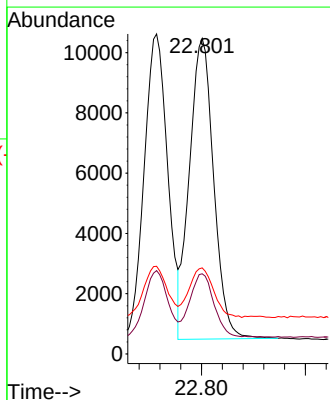
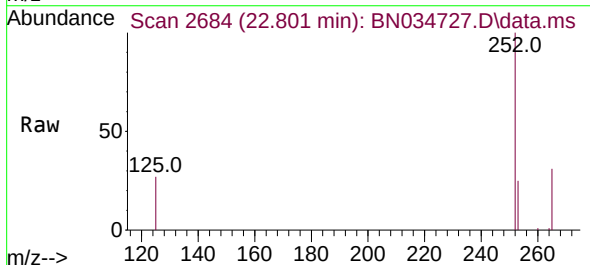
Manual Integrations
APPROVED

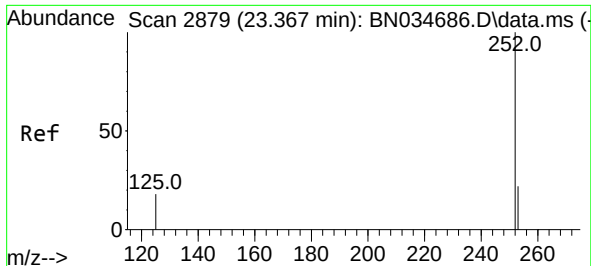
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#38
Benzo(k)fluoranthene
Concen: 0.373 ng
RT: 22.801 min Scan# 2684
Delta R.T. -0.049 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:252 Resp: 16158
Ion Ratio Lower Upper
252 100
253 25.4 20.6 31.0
125 27.3 21.6 32.4





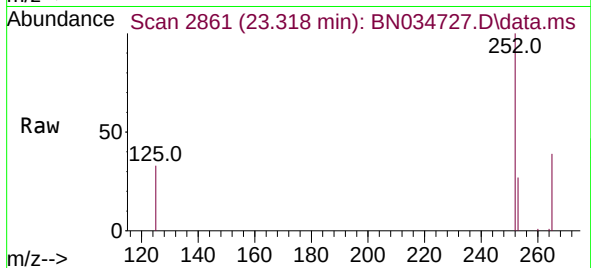
#39
Benzo(a)pyrene
Concen: 0.415 ng
RT: 23.318 min Scan# 21
Delta R.T. -0.049 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS

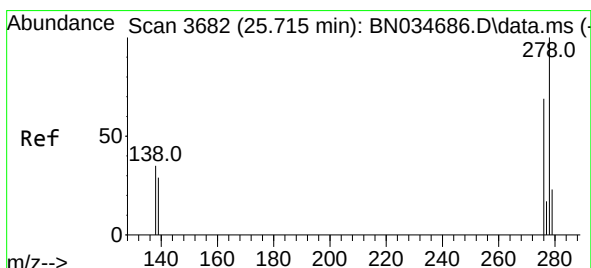
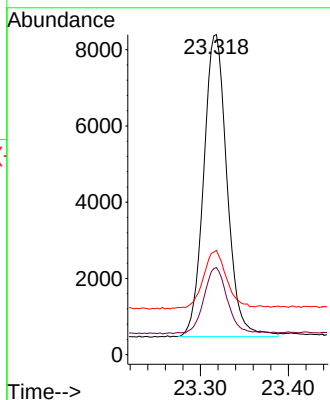
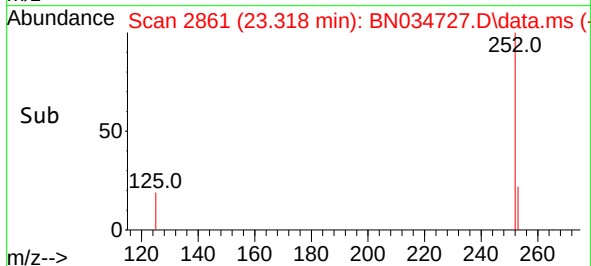


Tgt Ion:252 Resp: 14630
Ion Ratio Lower Upper
252 100
253 27.3 22.2 33.4
125 32.6 26.0 39.0

Manual Integrations

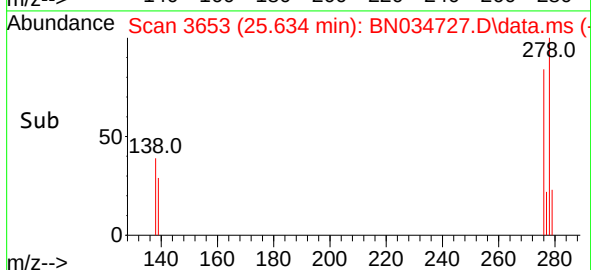
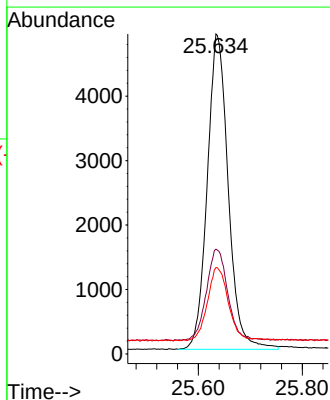
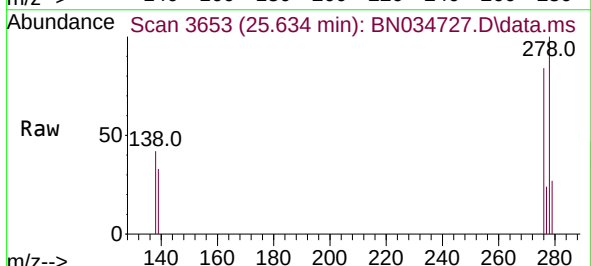
APPROVED

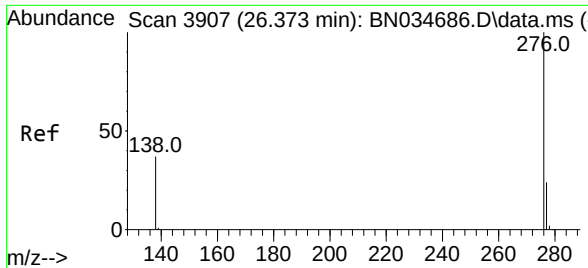
Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.410 ng
RT: 25.634 min Scan# 3653
Delta R.T. -0.081 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Tgt Ion:278 Resp: 13681
Ion Ratio Lower Upper
278 100
139 32.7 25.4 38.2
279 27.0 22.4 33.6





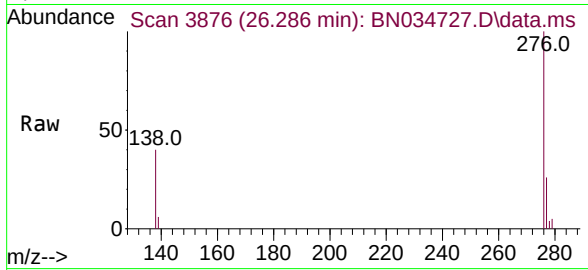
#41
Benzo(g,h,i)perylene
Concen: 0.382 ng
RT: 26.286 min Scan# 3876
Delta R.T. -0.087 min
Lab File: BN034727.D
Acq: 25 Oct 2024 17:40

Instrument :

BNA_N

ClientSampleId :

PB164409BS



Tgt Ion:276 Resp: 14059
Ion Ratio Lower Upper
276 100
277 25.7 21.3 31.9
138 39.7 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/28/2024

Supervised By :mohammad ahmed 10/28/2024

