

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024277.D
 Acq On : 14 Mar 2023 12:32
 Operator : CG/JU
 Sample : 01627-02
 Misc : LOQ-SOIL-0.1ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 15 01:54:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 15 01:49:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8253	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	24156	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	12300	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	25091	0.400	ng	0.00
29) Chrysene-d12	21.619	240	19334	0.400	ng	0.00
35) Perylene-d12	24.114	264	16637	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	6203	0.339	ng	0.00
5) Phenol-d6	7.195	99	8016	0.341	ng	0.00
8) Nitrobenzene-d5	9.211	82	5198	0.322	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	11901	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1650	0.262	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	14297	0.308	ng	0.00
27) Fluoranthene-d10	19.450	212	21492	0.404	ng	0.00
31) Terphenyl-d14	20.042	244	10028	0.308	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.439	88	1002	0.112	ng	94
3) n-Nitrosodimethylamine	3.771	42	1249	0.095	ng	# 94
6) bis(2-Chloroethyl)ether	7.462	93	2233	0.096	ng	100
9) Naphthalene	10.909	128	5577	0.091	ng	97
10) Hexachlorobutadiene	11.197	225	1072	0.092	ng	# 98
12) 2-Methylnaphthalene	12.516	142	3431	0.083	ng	98
16) Acenaphthylene	14.397	152	4716	0.081	ng	100
17) Acenaphthene	14.739	154	3085	0.083	ng	96
18) Fluorene	15.725	166	3608	0.081	ng	98
20) 4,6-Dinitro-2-methylph...	15.787	198	126	0.205	ng	# 1
21) 4-Bromophenyl-phenylether	16.606	248	1162	0.078	ng	# 65
22) Hexachlorobenzene	16.730	284	1622	0.089	ng	97
23) Atrazine	16.867	200	757	0.080	ng	# 87
24) Pentachlorophenol	17.065	266	290	0.155	ng	96
25) Phenanthrene	17.462	178	6242	0.084	ng	99
26) Anthracene	17.549	178	5179	0.075	ng	99
28) Fluoranthene	19.480	202	6519	0.080	ng	99
30) Pyrene	19.842	202	6510	0.083	ng	100
32) Benzo(a)anthracene	21.601	228	5050	0.078	ng	98
33) Chrysene	21.654	228	5839	0.085	ng	99
34) Bis(2-ethylhexyl)phtha...	21.520	149	2365	0.078	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.725	276	4756	0.076	ng	99
37) Benzo(b)fluoranthene	23.351	252	5254	0.081	ng	# 76
38) Benzo(k)fluoranthene	23.398	252	4982	0.075	ng	# 72
39) Benzo(a)pyrene	24.003	252	4171	0.070	ng	# 62
40) Dibenzo(a,h)anthracene	26.743	278	3544m	0.073	ng	
41) Benzo(g,h,i)perylene	27.526	276	4650	0.083	ng	# 90

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

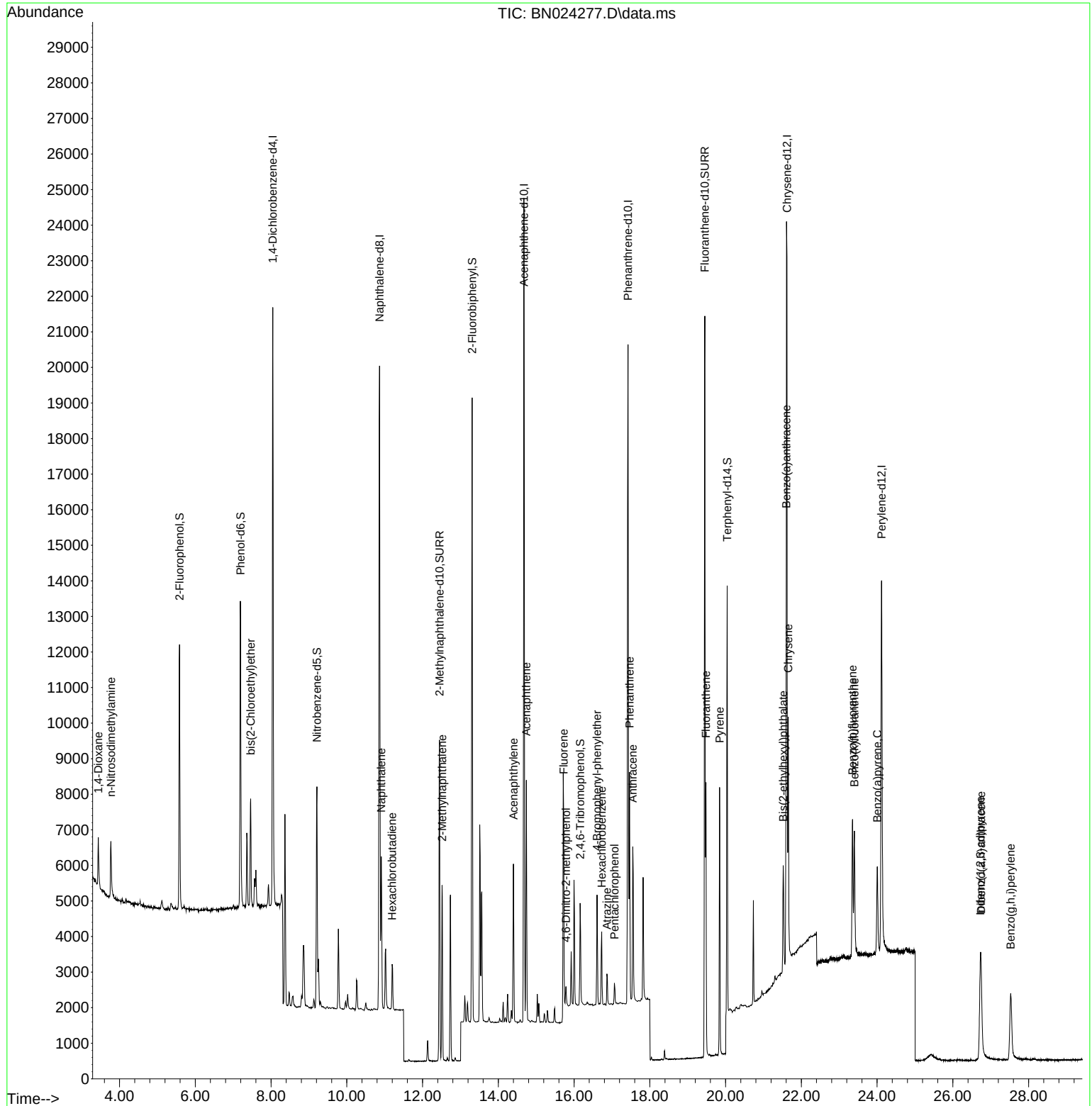
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031423\
 Data File : BN024277.D
 Acq On : 14 Mar 2023 12:32
 Operator : CG/JU
 Sample : 01627-02
 Misc : LOQ-SOIL-0.1ppm
 ALS Vial : 4 Sample Multiplier: 1

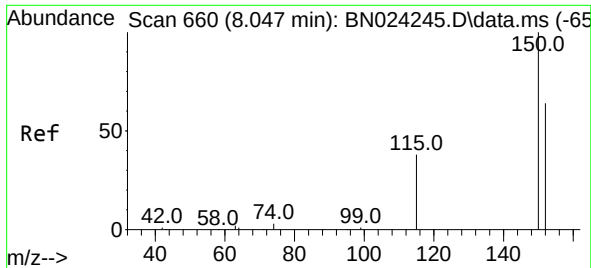
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023

Quant Time: Mar 15 01:54:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 15 01:49:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

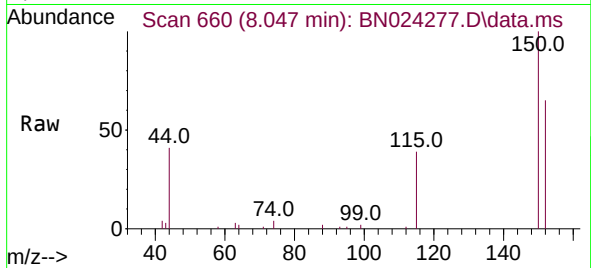
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.047 min Scan# 660
 Delta R.T. 0.000 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

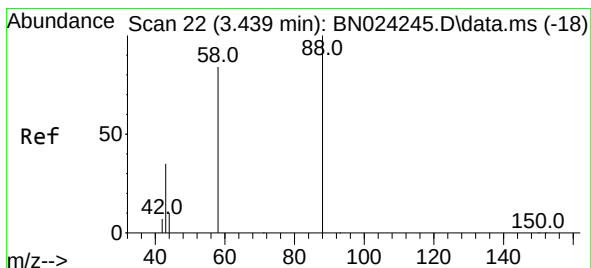
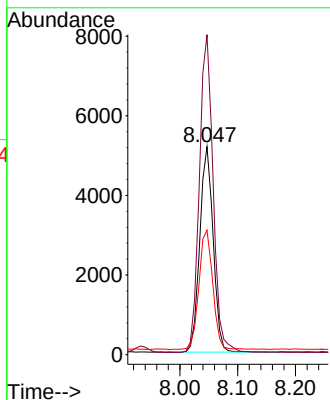
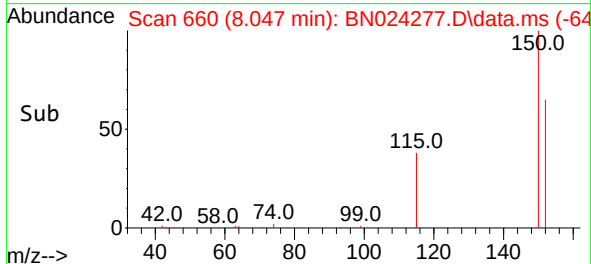
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023



Tgt Ion:152 Resp: 825
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.7 187.1
 115 59.9 49.1 73.7

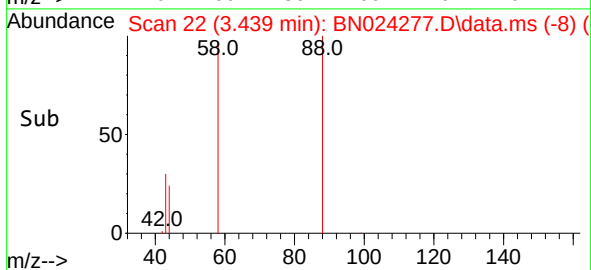
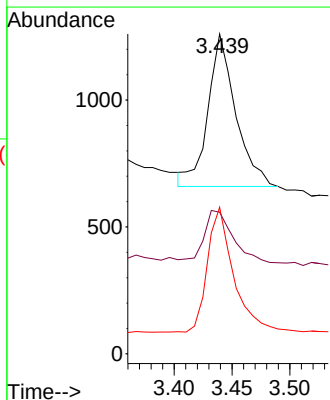
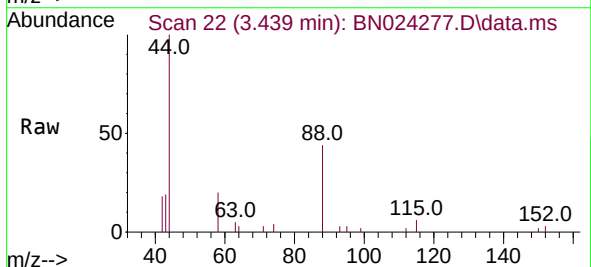
Manual Integrations
 APPROVED

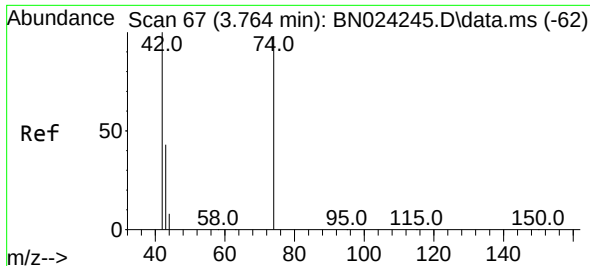
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023



#2
 1,4-Dioxane
 Concen: 0.112 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

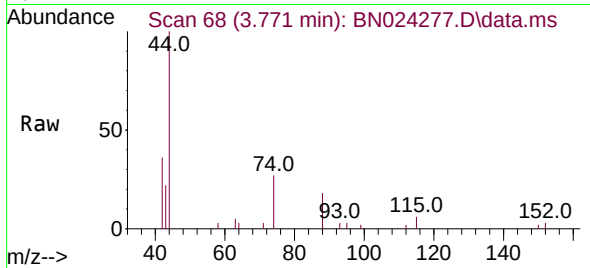
Tgt Ion: 88 Resp: 1002
 Ion Ratio Lower Upper
 88 100
 43 35.5 29.0 43.4
 58 77.2 67.3 100.9





#3
n-Nitrosodimethylamine
Concen: 0.095 ng
RT: 3.771 min Scan# 68
Delta R.T. 0.007 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

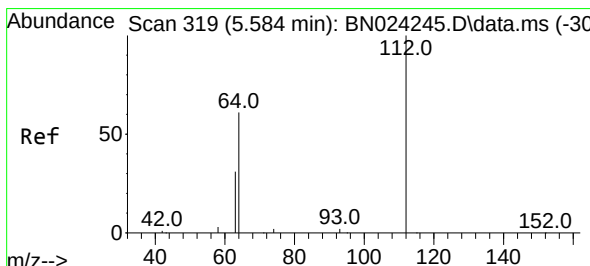
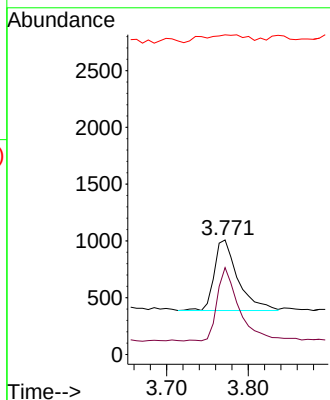
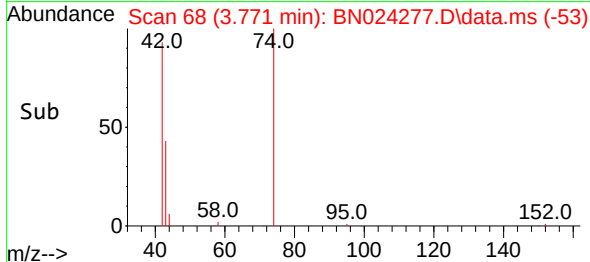
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion: 42 Resp: 1249
Ion Ratio Lower Upper
42 100
74 95.9 81.6 122.4
44 11.4 7.3 10.9

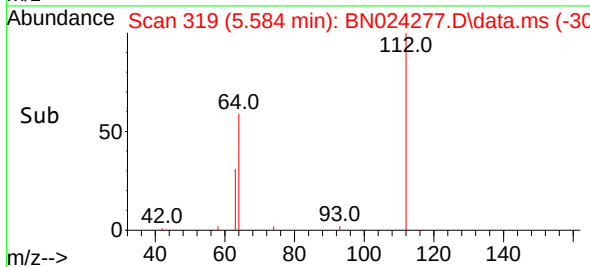
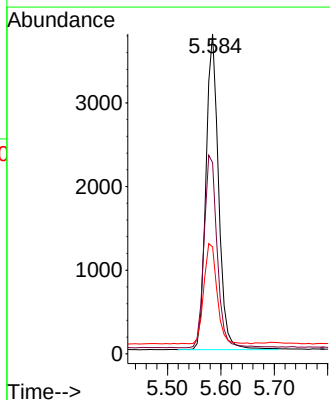
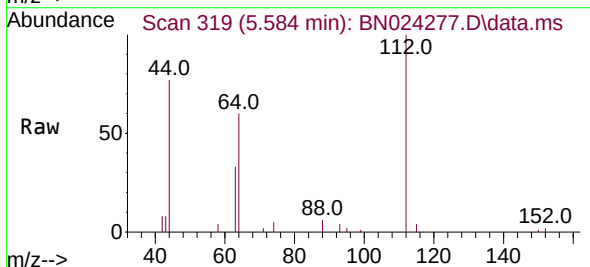
Manual Integrations
APPROVED

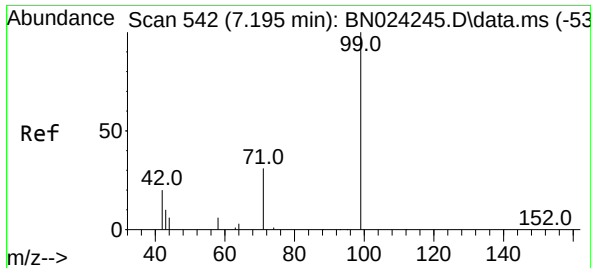
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#4
2-Fluorophenol
Concen: 0.339 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

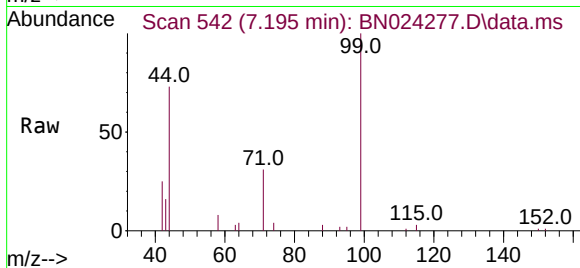
Tgt Ion:112 Resp: 6203
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.6
63 33.0 25.7 38.5





#5
Phenol-d6
Concen: 0.341 ng
RT: 7.195 min Scan# 542
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

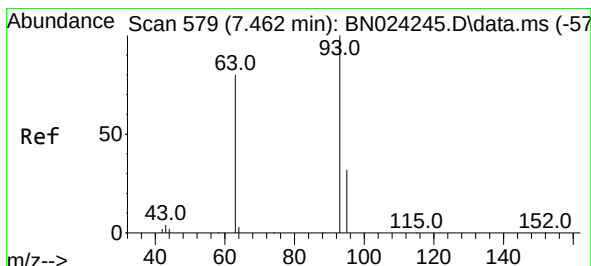
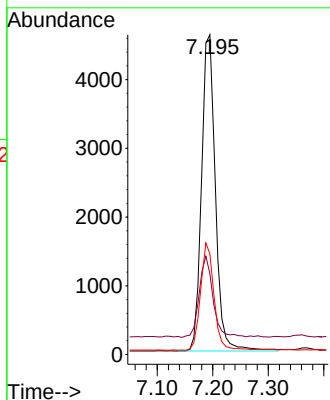
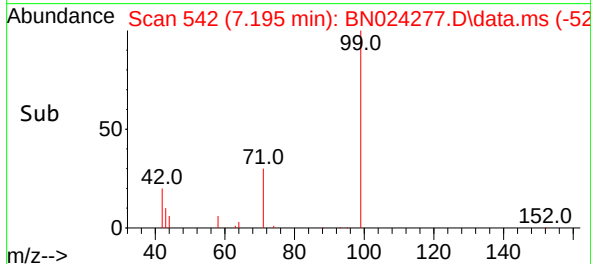
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion: 99 Resp: 8016
Ion Ratio Lower Upper
99 100
42 25.3 20.1 30.1
71 33.1 25.8 38.8

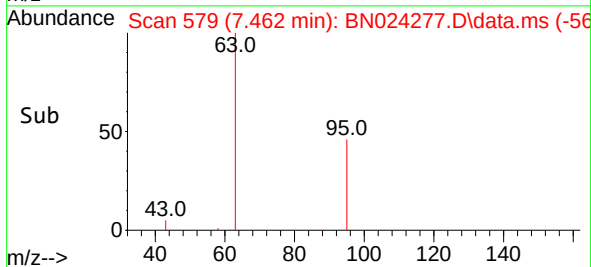
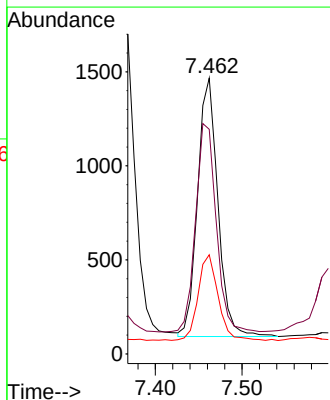
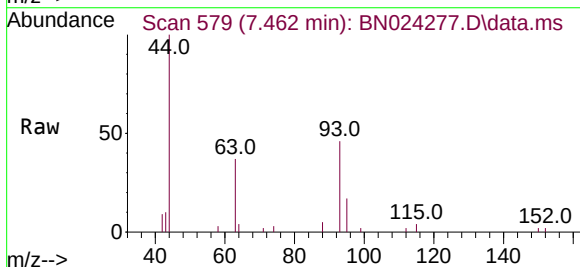
Manual Integrations
APPROVED

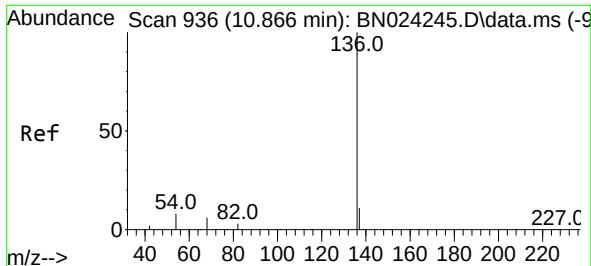
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.096 ng
RT: 7.462 min Scan# 579
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

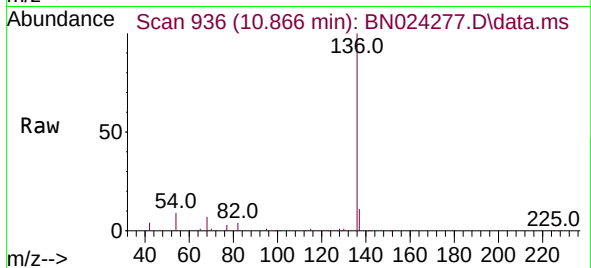
Tgt Ion: 93 Resp: 2233
Ion Ratio Lower Upper
93 100
63 81.6 65.4 98.2
95 32.6 25.8 38.8





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.866 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

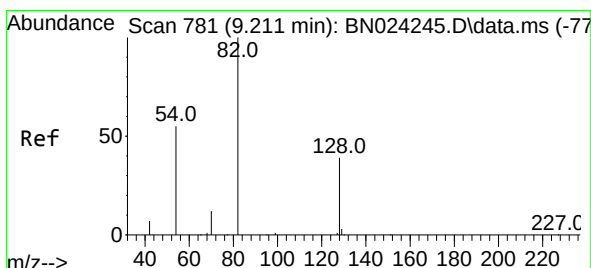
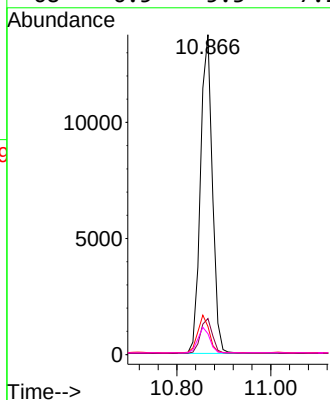
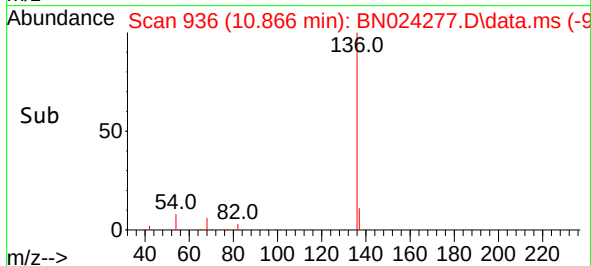
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.8	7.1	10.7
68	6.5	5.3	7.9

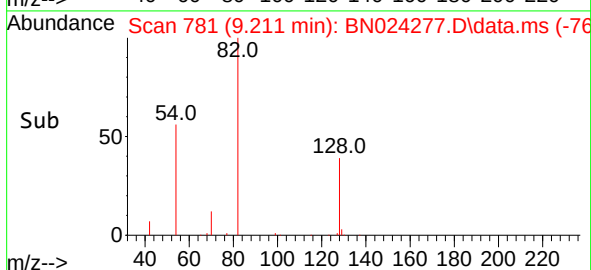
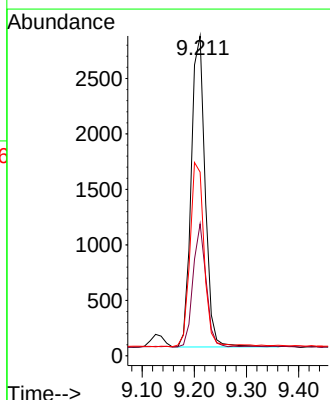
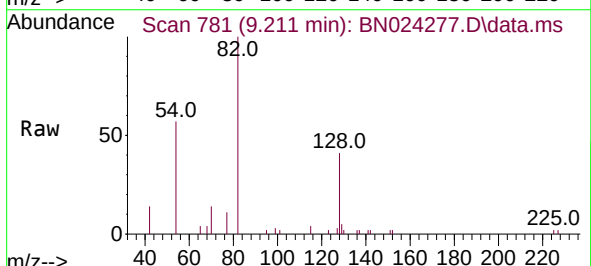
Manual Integrations
APPROVED

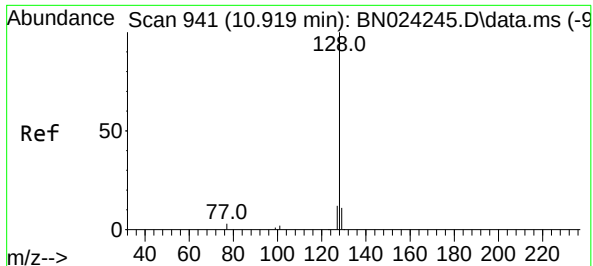
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 9.211 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.4	48.6
54	57.4	45.2	67.8





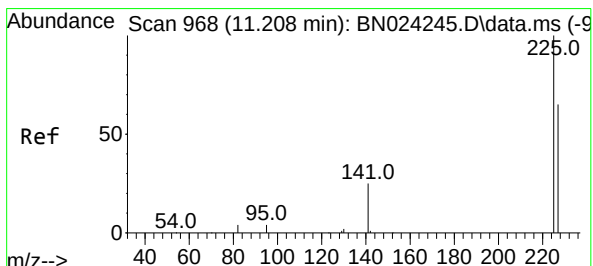
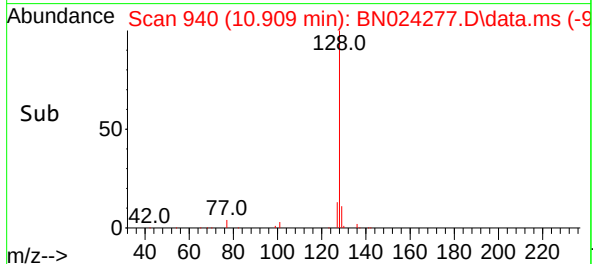
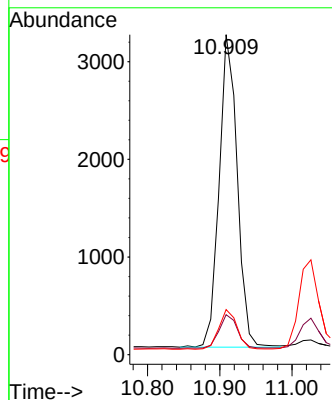
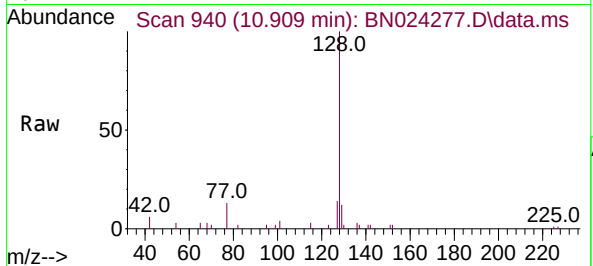
#9
Naphthalene
Concen: 0.091 ng
RT: 10.909 min Scan# 941
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:128 Resp: 5572
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.6
127 14.1 10.2 15.4

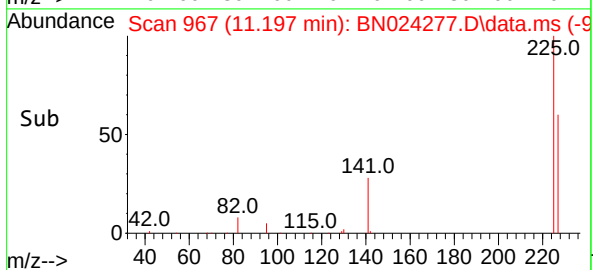
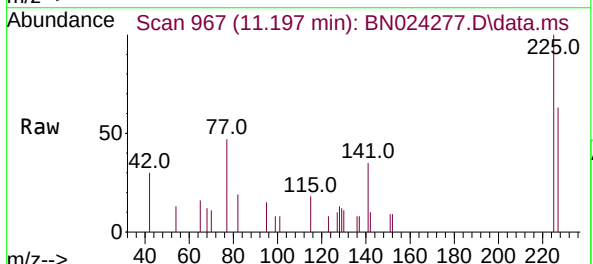
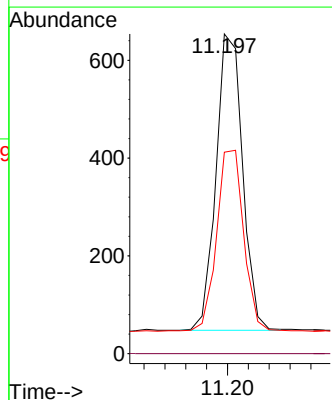
Manual Integrations
APPROVED

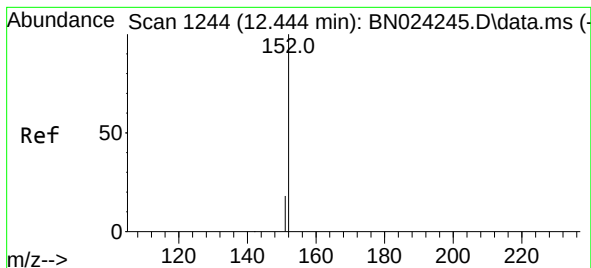
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#10
Hexachlorobutadiene
Concen: 0.092 ng
RT: 11.197 min Scan# 967
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

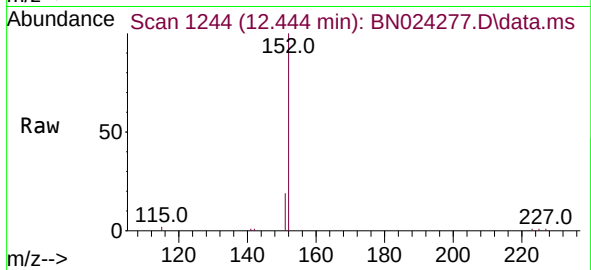
Tgt Ion:225 Resp: 1072
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.4 51.0 76.4





#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

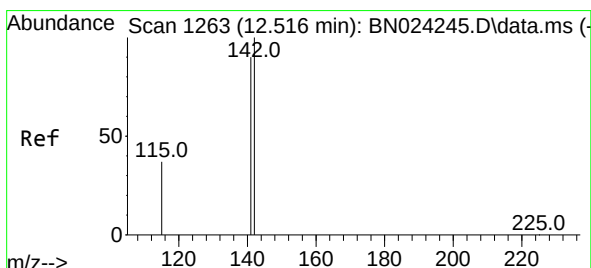
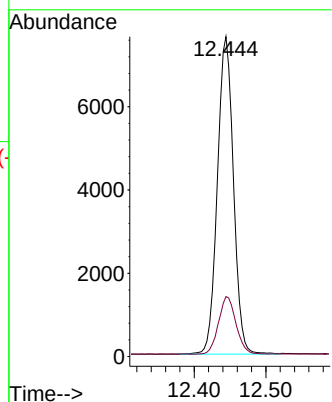
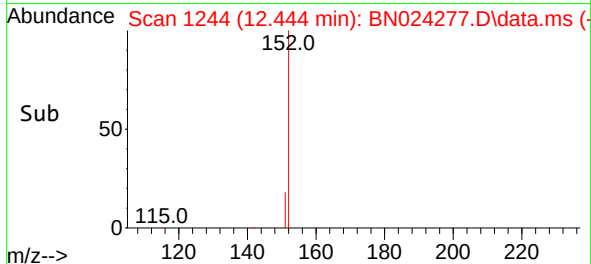
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



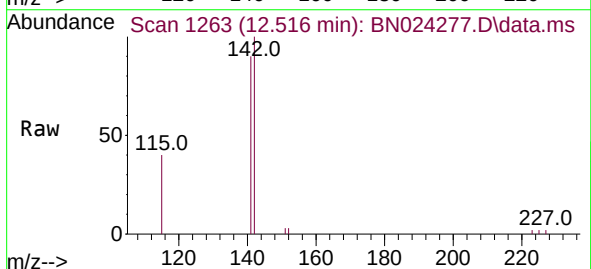
Tgt Ion:152 Resp: 1190
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2

Manual Integrations
APPROVED

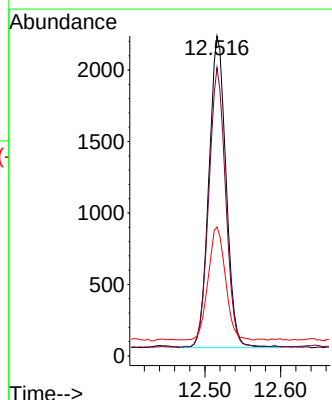
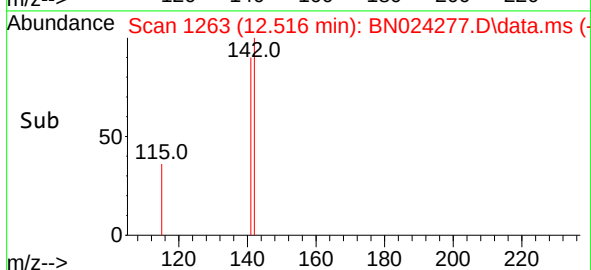
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

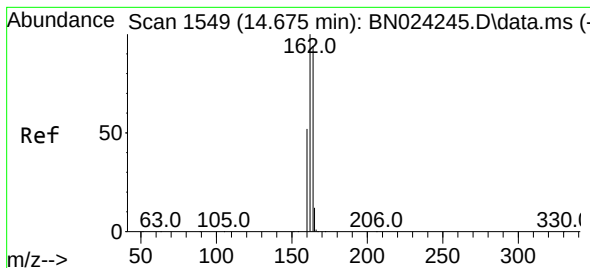


#12
2-Methylnaphthalene
Concen: 0.083 ng
RT: 12.516 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32



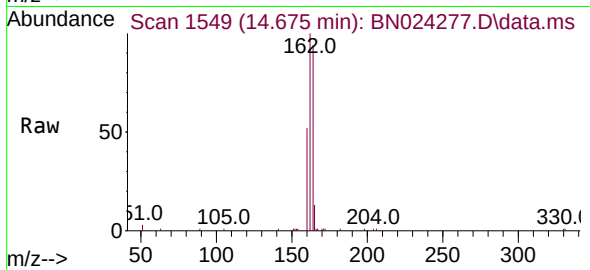
Tgt Ion:142 Resp: 3431
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6
115 40.3 30.0 45.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

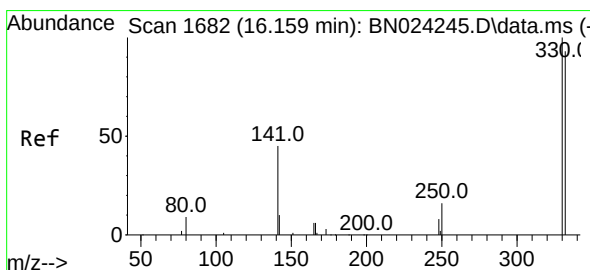
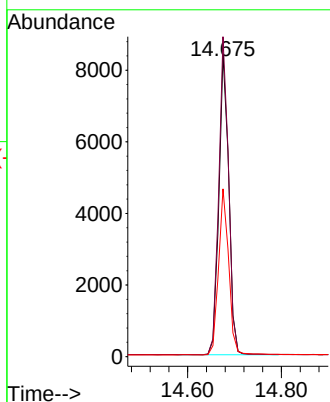
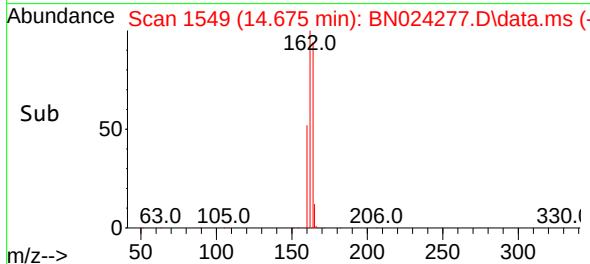
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



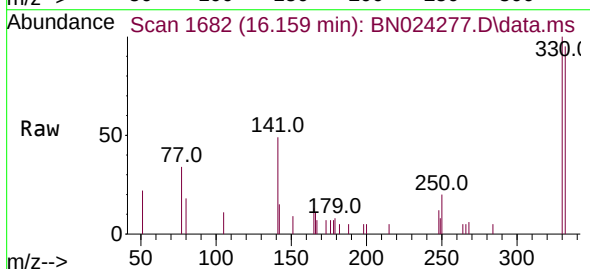
Tgt Ion:164 Resp: 12300
Ion Ratio Lower Upper
164 100
162 105.8 84.7 127.1
160 55.5 44.6 66.8

Manual Integrations
APPROVED

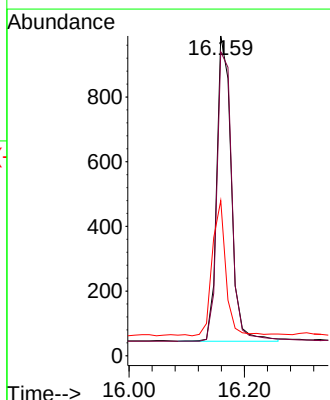
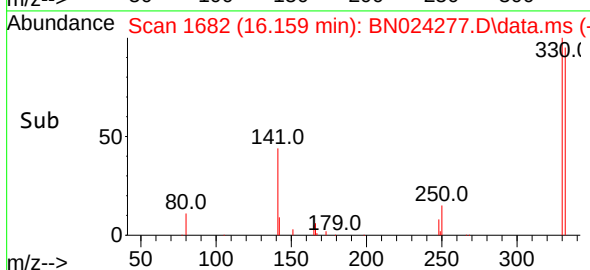
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

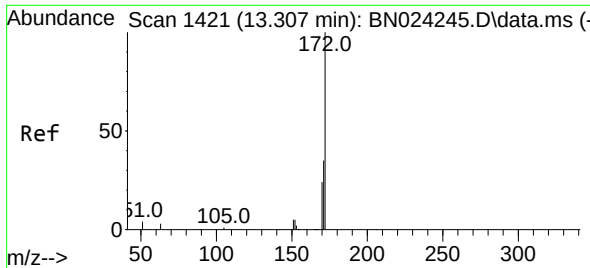


#14
2,4,6-Tribromophenol
Concen: 0.262 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32



Tgt Ion:330 Resp: 1650
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 41.8 30.8 46.2





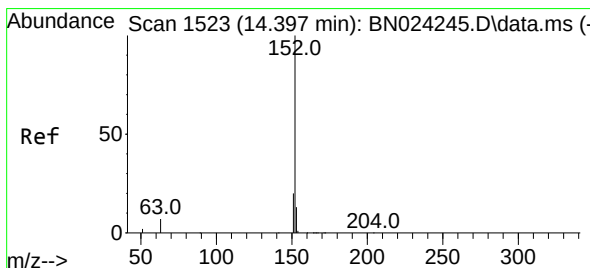
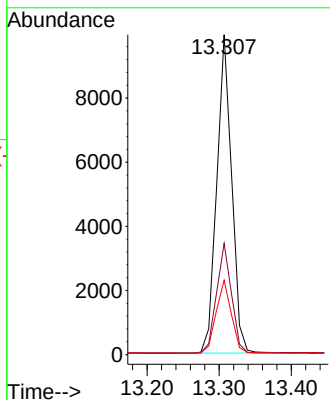
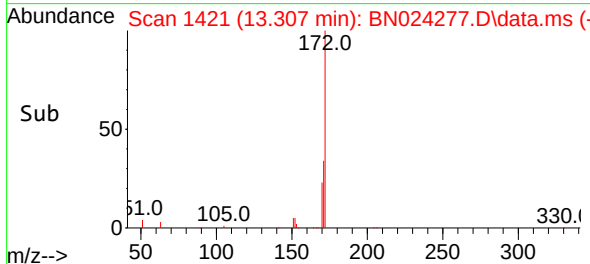
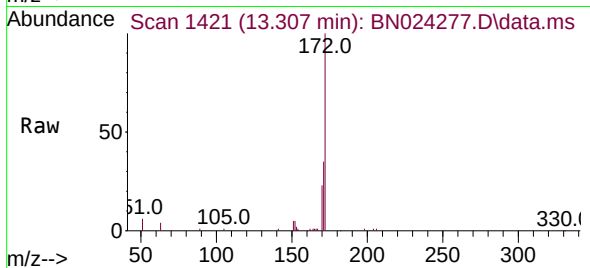
#15
2-Fluorobiphenyl
Concen: 0.308 ng
RT: 13.307 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:	172	Resp:	1429
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.8	41.8
170	23.2	19.0	28.6

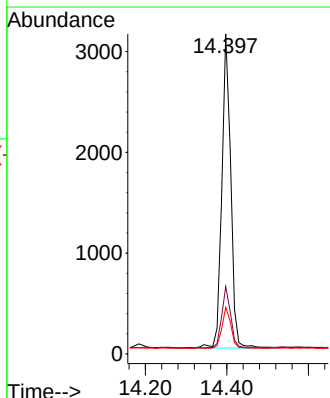
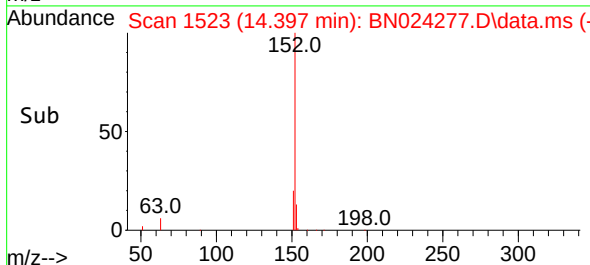
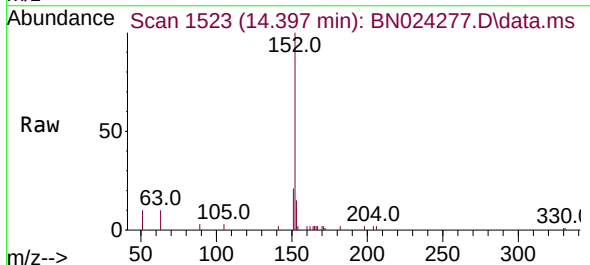
Manual Integrations
APPROVED

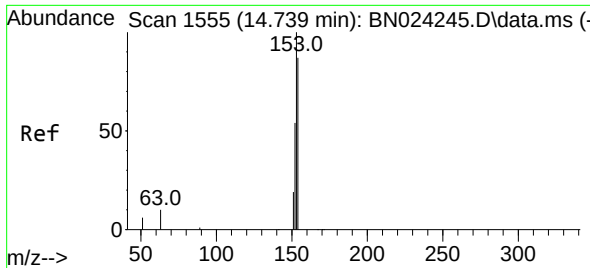
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#16
Acenaphthylene
Concen: 0.081 ng
RT: 14.397 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

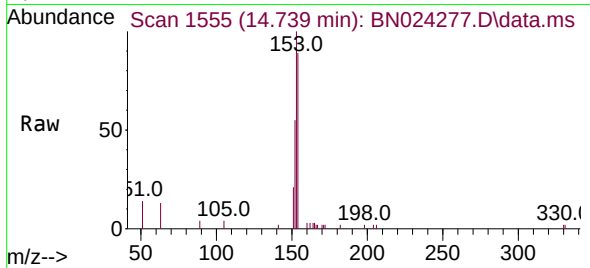
Tgt Ion:	152	Resp:	4716
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.4	23.0
153	13.1	10.4	15.6





#17
Acenaphthene
Concen: 0.083 ng
RT: 14.739 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

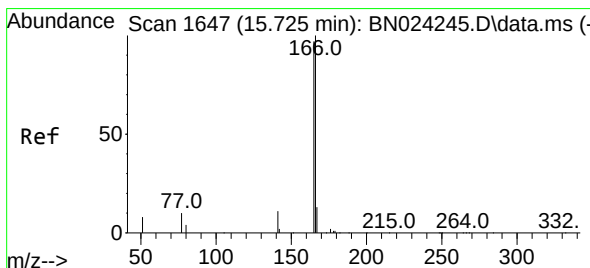
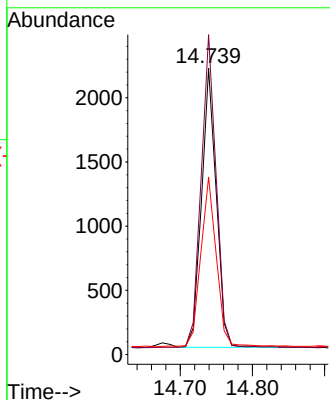
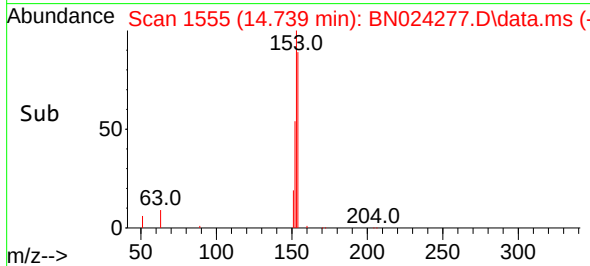
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



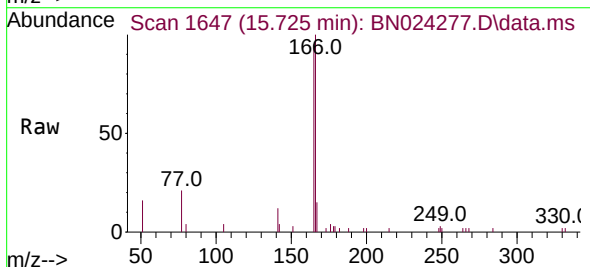
Tgt Ion:154 Resp: 3085
Ion Ratio Lower Upper
154 100
153 114.6 88.4 132.6
152 65.0 48.7 73.1

Manual Integrations
APPROVED

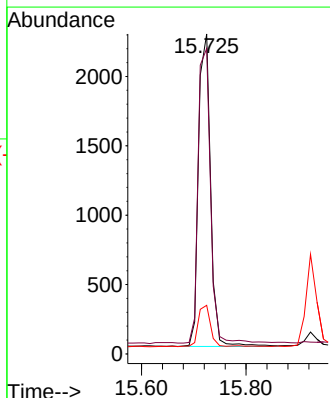
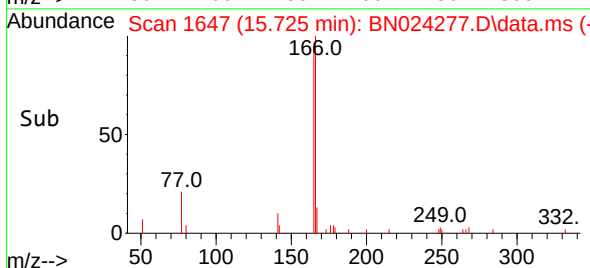
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

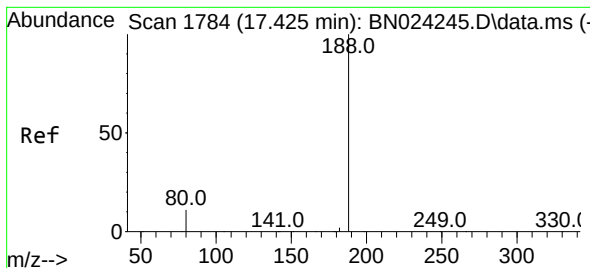


#18
Fluorene
Concen: 0.081 ng
RT: 15.725 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32



Tgt Ion:166 Resp: 3608
Ion Ratio Lower Upper
166 100
165 97.9 80.2 120.2
167 12.8 10.8 16.2





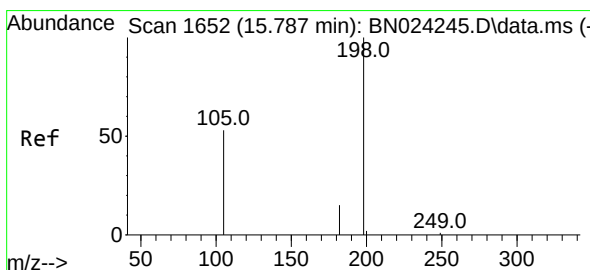
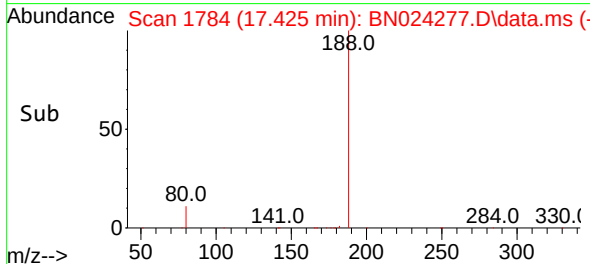
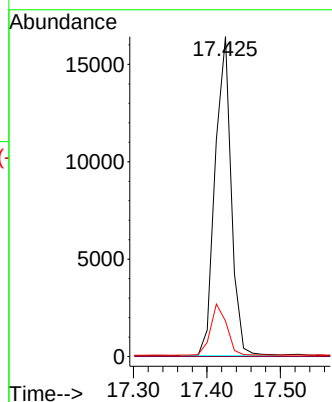
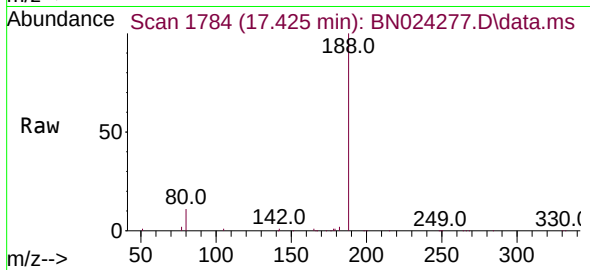
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.425 min Scan# 1784
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023

Tgt Ion:188 Resp: 25091
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 8.9 13.3

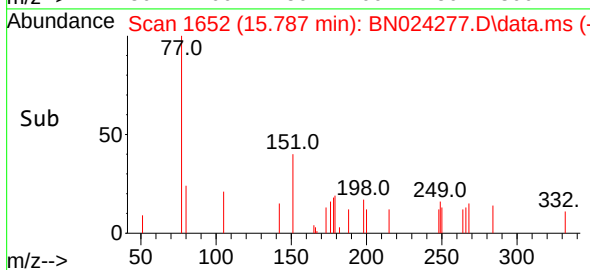
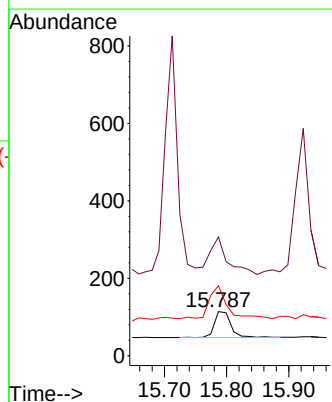
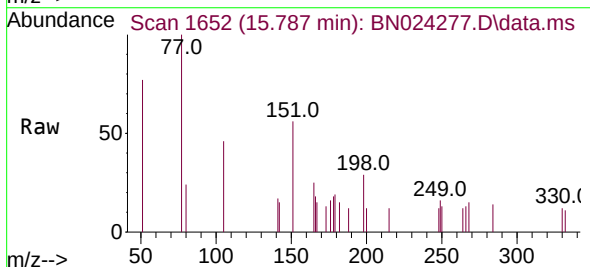
Manual Integrations
APPROVED

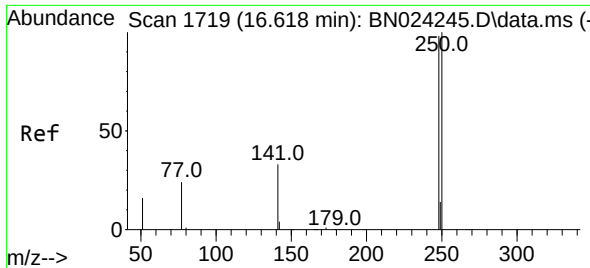
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.205 ng
RT: 15.787 min Scan# 1652
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

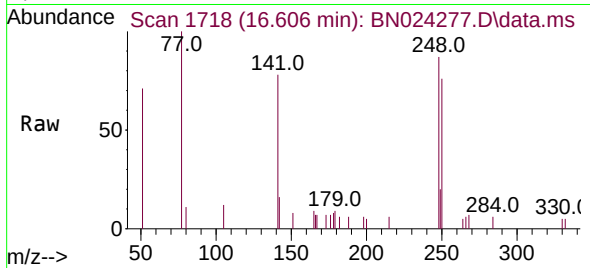
Tgt Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 269.3 68.2 102.2#
105 158.8 51.6 77.4#





#21
4-Bromophenyl-phenylether
Concen: 0.078 ng
RT: 16.606 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

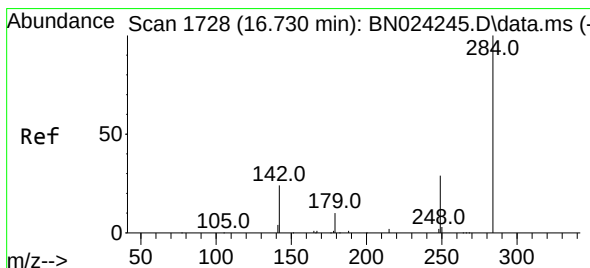
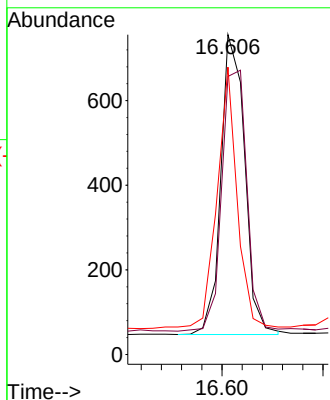
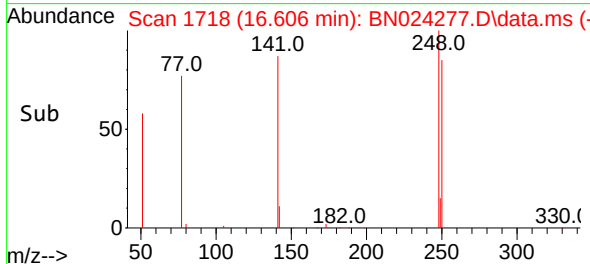
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion:248 Resp: 1162
Ion Ratio Lower Upper
248 100
250 86.9 81.9 122.9
141 89.8 28.2 42.2

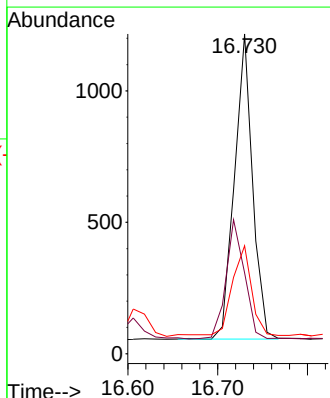
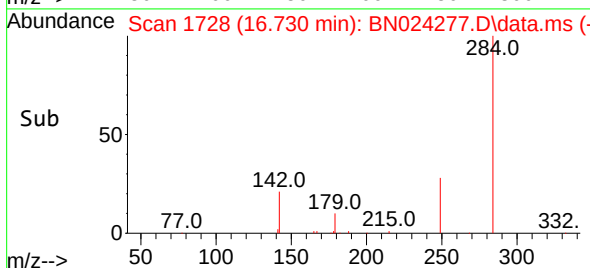
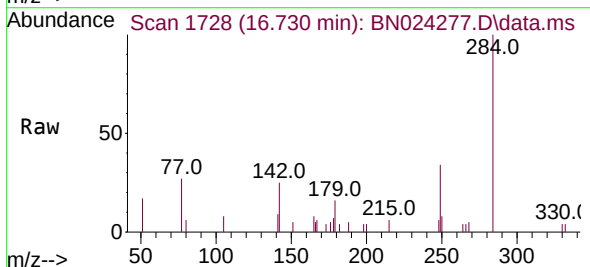
Manual Integrations
APPROVED

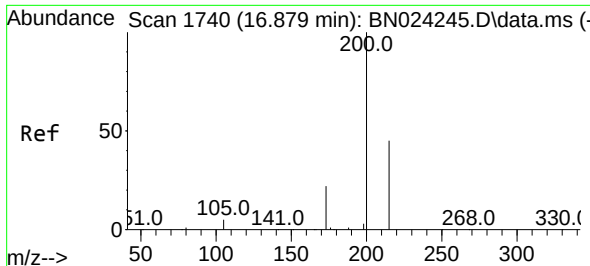
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#22
Hexachlorobenzene
Concen: 0.089 ng
RT: 16.730 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

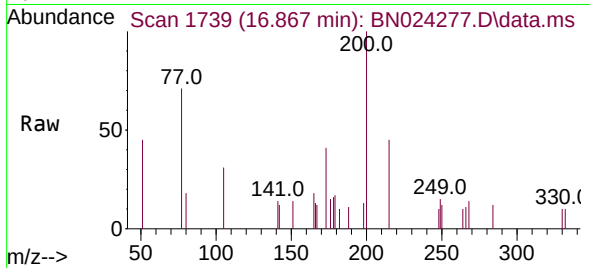
Tgt Ion:284 Resp: 1622
Ion Ratio Lower Upper
284 100
142 40.2 30.2 45.4
249 31.1 24.5 36.7





#23
Atrazine
Concen: 0.080 ng
RT: 16.867 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

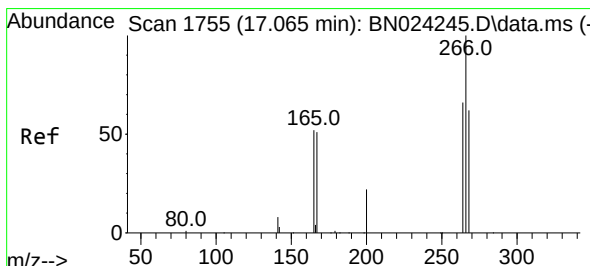
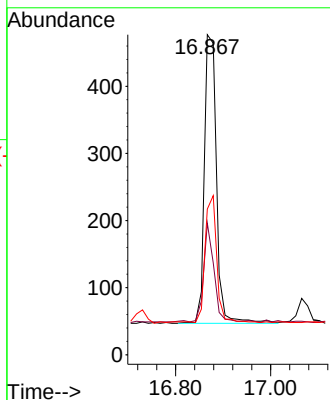
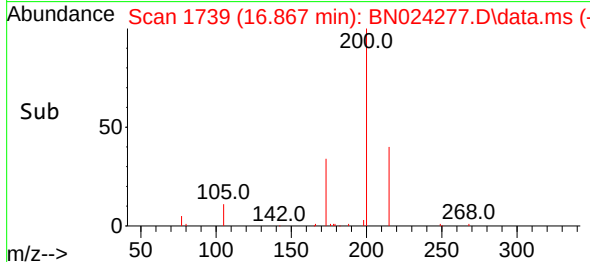
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion:200 Resp: 752
Ion Ratio Lower Upper
200 100
173 41.1 18.9 28.3
215 45.5 36.7 55.1

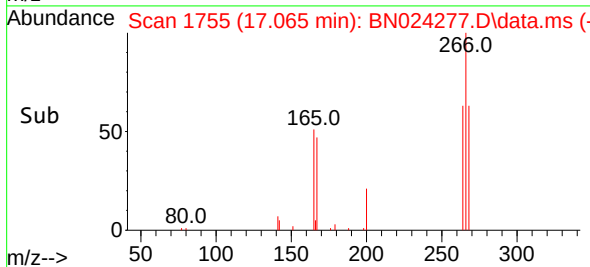
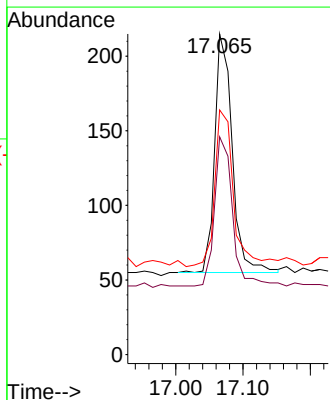
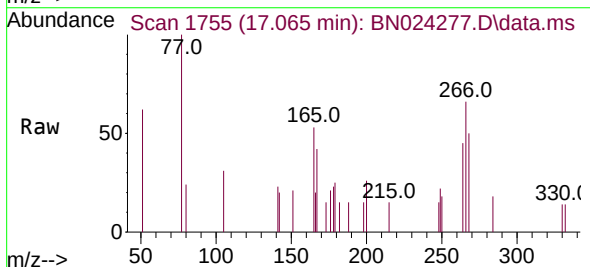
Manual Integrations
APPROVED

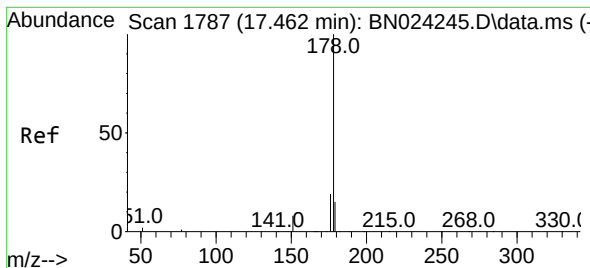
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#24
Pentachlorophenol
Concen: 0.155 ng
RT: 17.065 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Tgt Ion:266 Resp: 290
Ion Ratio Lower Upper
266 100
264 63.8 51.1 76.7
268 71.0 52.2 78.4





#25

Phenanthrene

Concen: 0.084 ng

RT: 17.462 min Scan# 1787

Delta R.T. 0.000 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

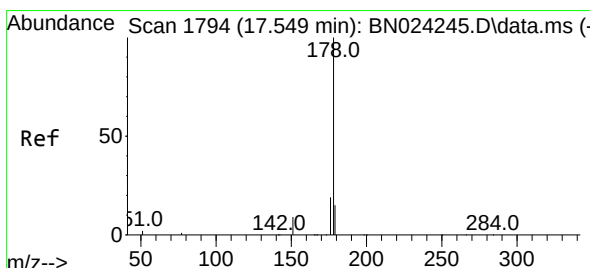
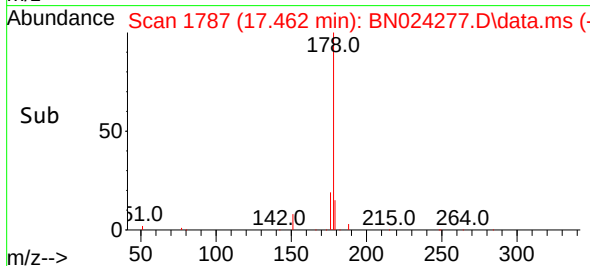
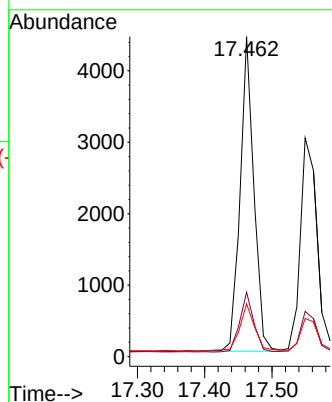
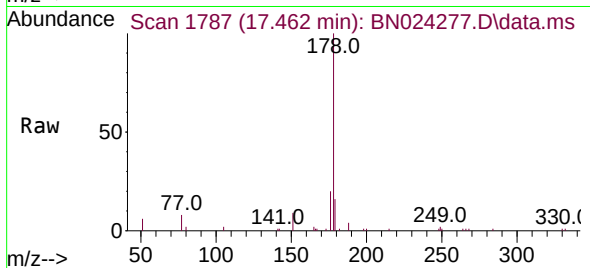
Tgt Ion:178	Resp:	6242
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.4 23.0
179	16.4	12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#26

Anthracene

Concen: 0.075 ng

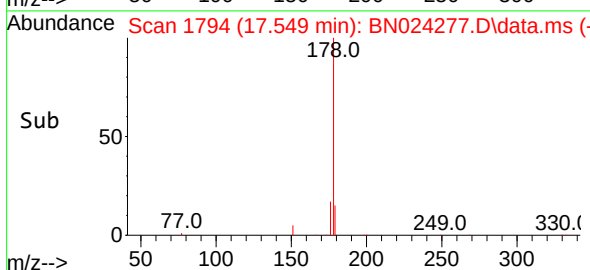
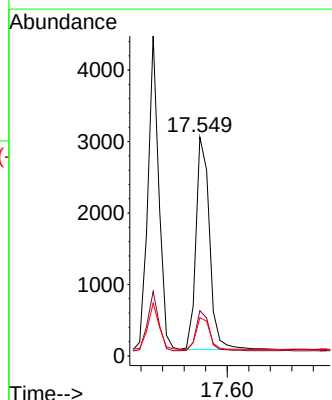
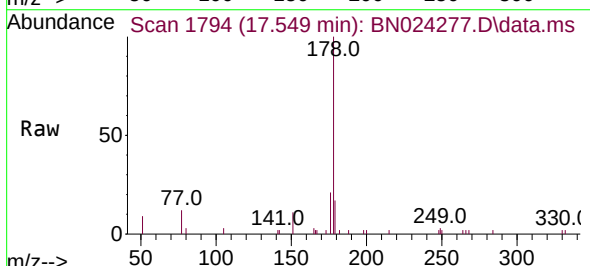
RT: 17.549 min Scan# 1794

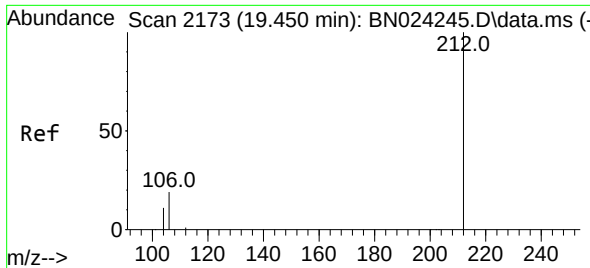
Delta R.T. 0.000 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

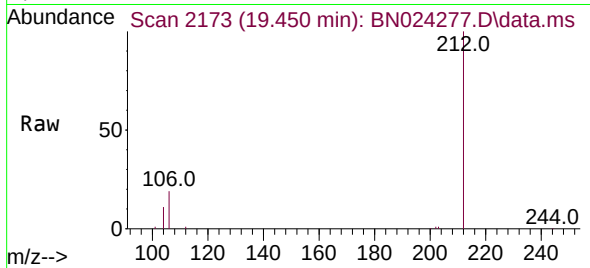
Tgt Ion:178	Resp:	5179
Ion Ratio	Lower	Upper
178	100	
176	18.2	15.1 22.7
179	15.2	12.1 18.1





#27
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.450 min Scan# 2173
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

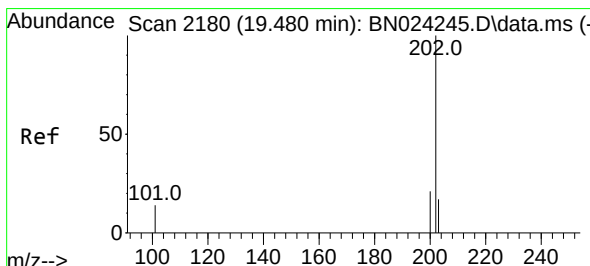
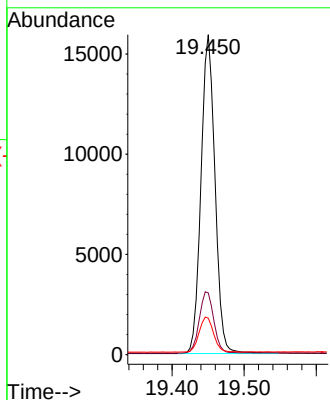
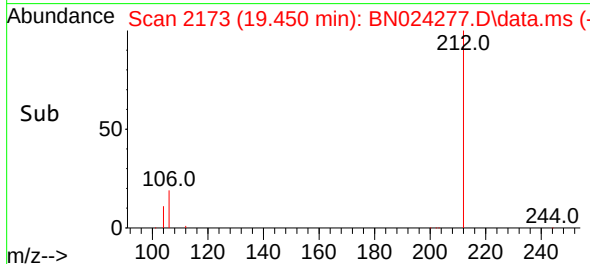
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT1-2023



Tgt Ion:212 Resp: 21492
Ion Ratio Lower Upper
212 100
106 19.9 15.4 23.2
104 11.3 8.6 13.0

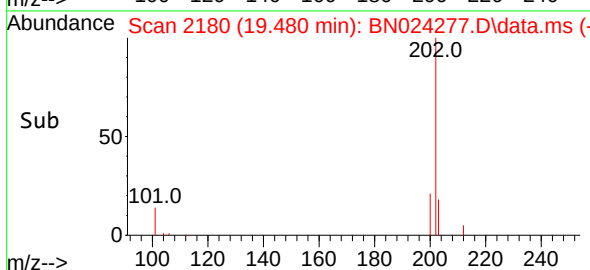
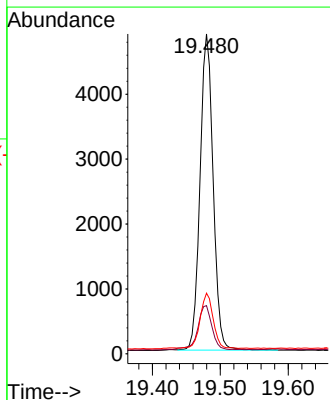
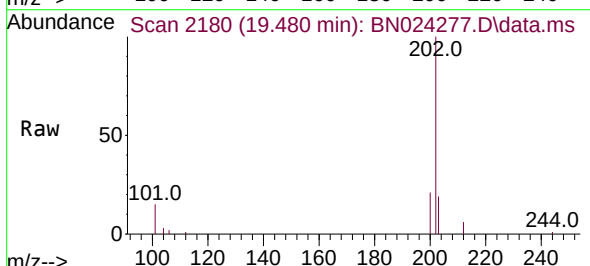
Manual Integrations
APPROVED

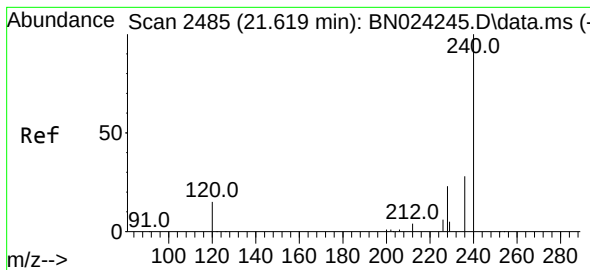
Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023



#28
Fluoranthene
Concen: 0.080 ng
RT: 19.480 min Scan# 2180
Delta R.T. 0.000 min
Lab File: BN024277.D
Acq: 14 Mar 2023 12:32

Tgt Ion:202 Resp: 6519
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
203 17.2 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.619 min Scan# 2485

Delta R.T. 0.009 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

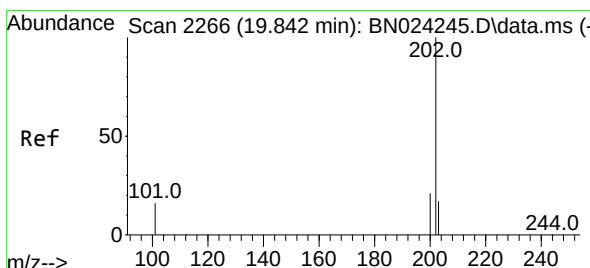
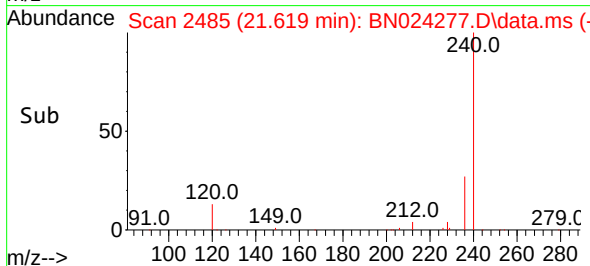
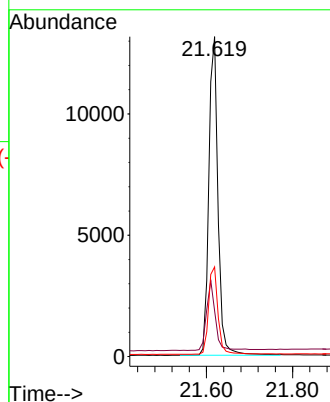
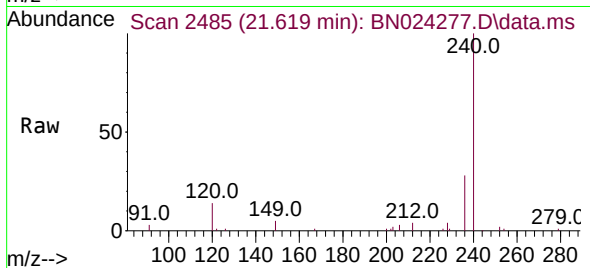
Tgt Ion:240	Resp:	19334
Ion Ratio	Lower	Upper
240	100	
120	14.3	12.8 19.2
236	28.0	22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#30

Pyrene

Concen: 0.083 ng

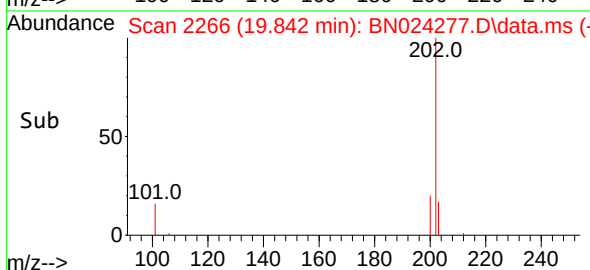
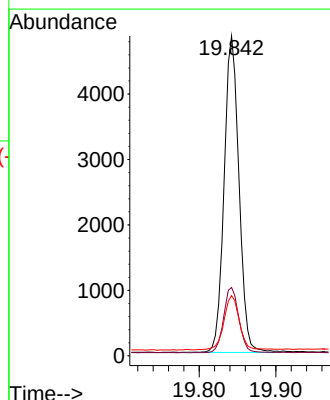
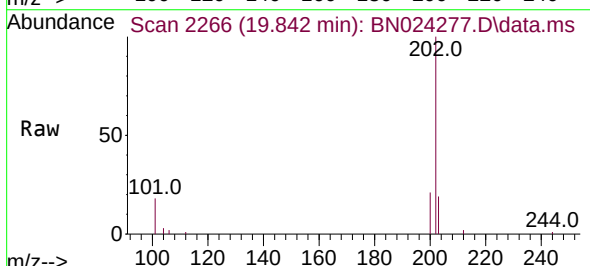
RT: 19.842 min Scan# 2266

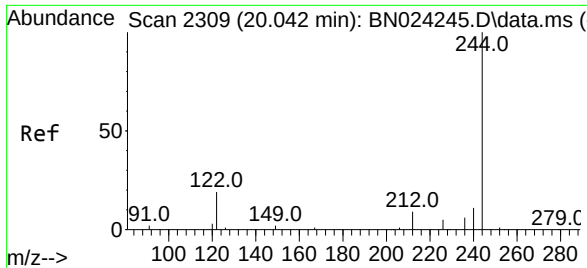
Delta R.T. 0.000 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

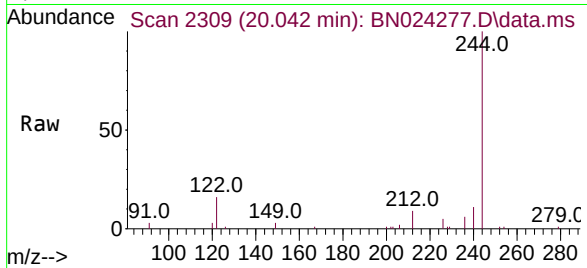
Tgt Ion:202	Resp:	6510
Ion Ratio	Lower	Upper
202	100	
200	21.1	17.0 25.4
203	17.9	14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.308 ng
 RT: 20.042 min Scan# 2309
 Delta R.T. 0.000 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

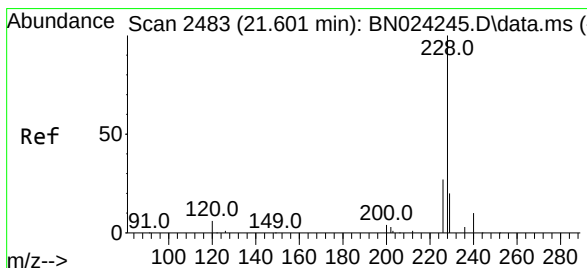
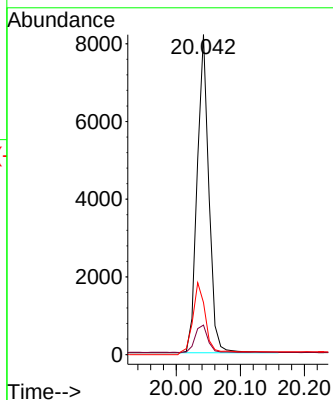
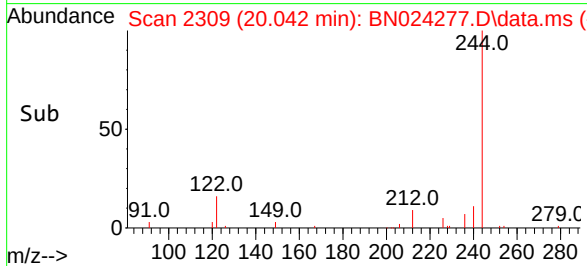
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023



Tgt Ion:244 Resp: 10028
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 16.3 15.1 22.7

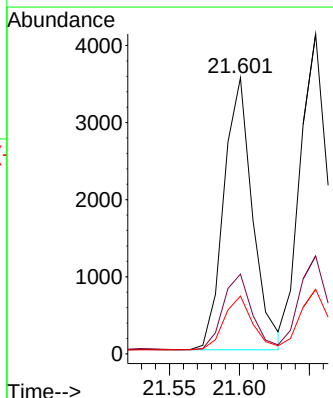
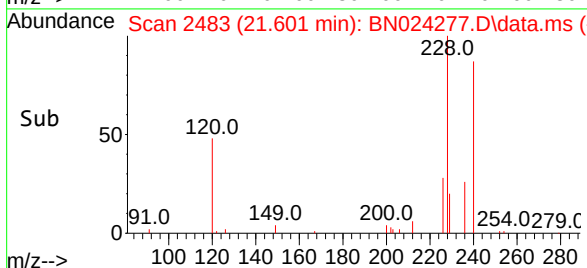
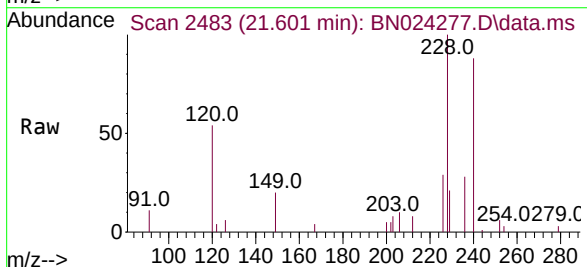
Manual Integrations
 APPROVED

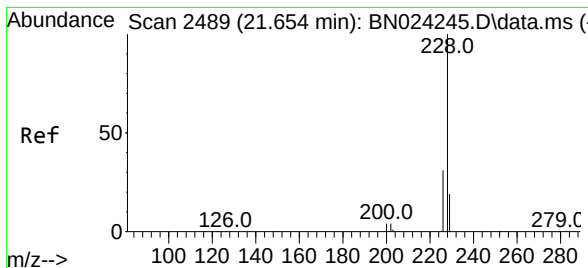
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023



#32
 Benzo(a)anthracene
 Concen: 0.078 ng
 RT: 21.601 min Scan# 2483
 Delta R.T. 0.000 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

Tgt Ion:228 Resp: 5050
 Ion Ratio Lower Upper
 228 100
 226 28.9 22.2 33.2
 229 21.0 15.9 23.9





#33

Chrysene

Concen: 0.085 ng

RT: 21.654 min Scan# 2489

Delta R.T. 0.000 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

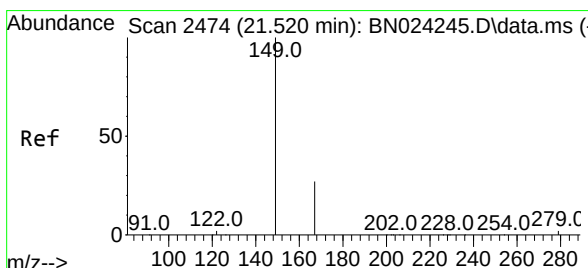
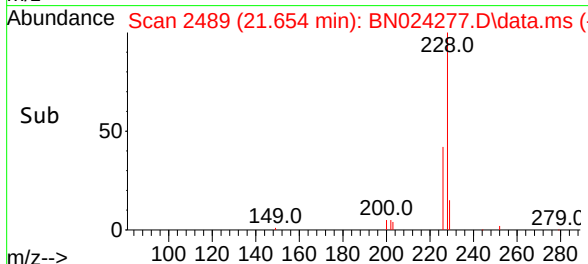
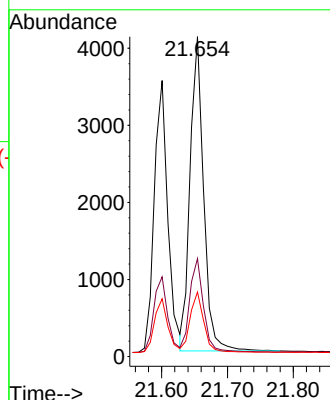
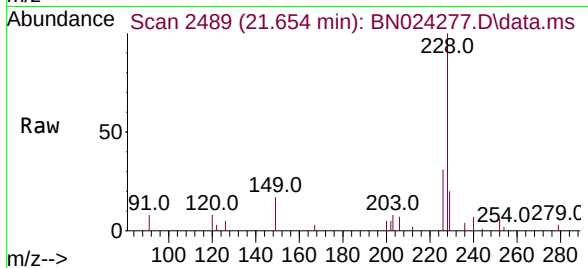
Tgt Ion:	228	Resp:	5839
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.5	36.7
229	20.2	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

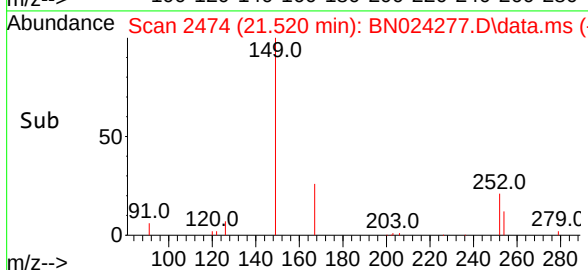
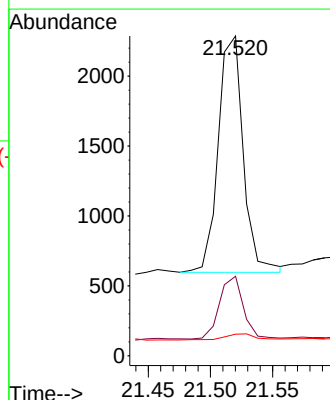
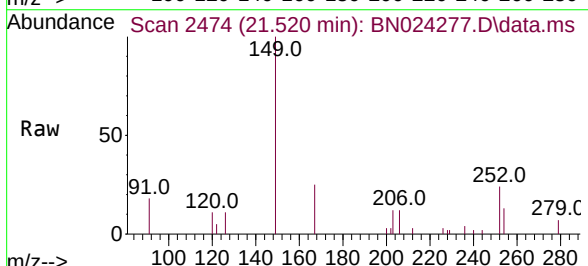
RT: 21.520 min Scan# 2474

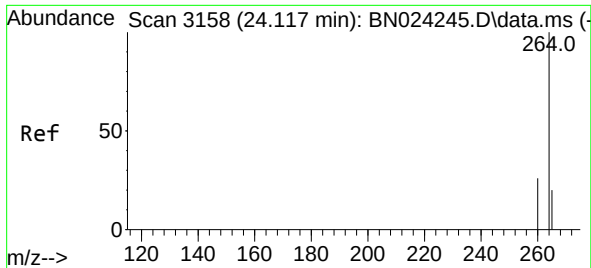
Delta R.T. 0.009 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

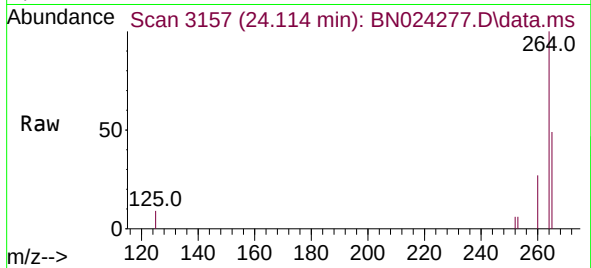
Tgt Ion:	149	Resp:	2365
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.2	31.8
279	3.1	1.8	2.8





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.114 min Scan# 3157
 Delta R.T. -0.015 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

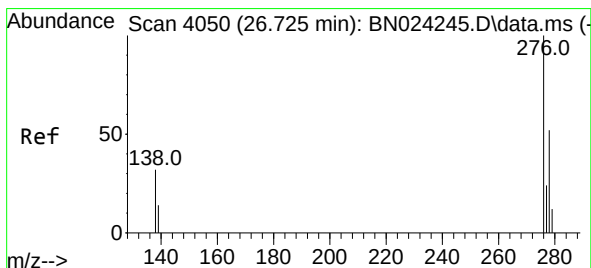
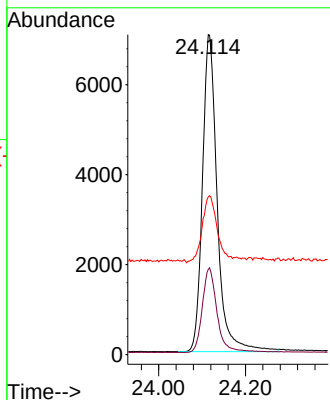
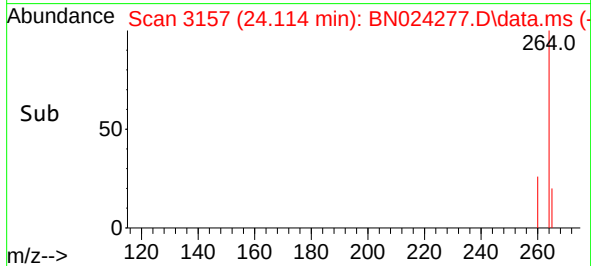
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT1-2023



Tgt Ion:264 Resp: 1663
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.4 32.2
 265 49.3 35.7 53.5

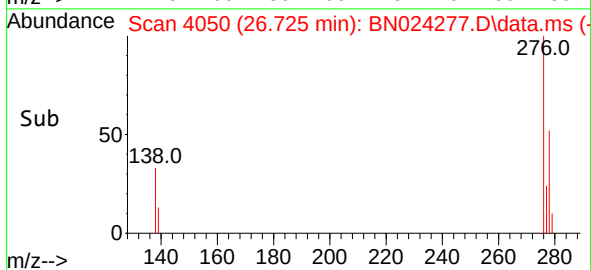
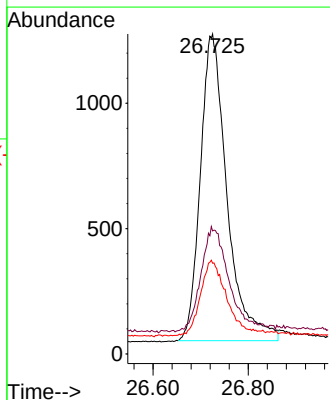
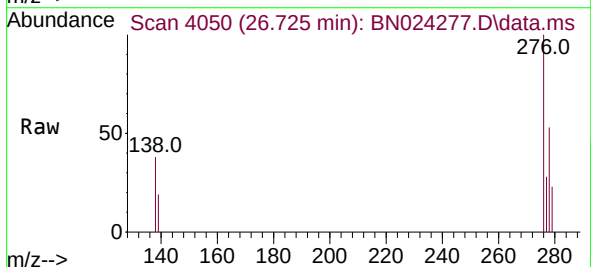
Manual Integrations
 APPROVED

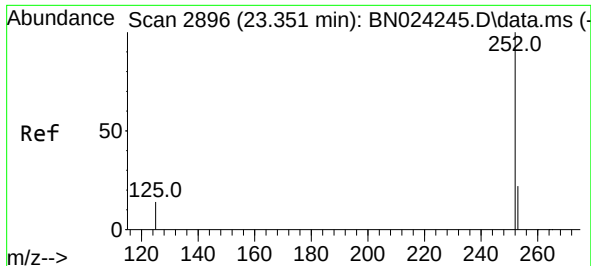
Reviewed By :Yogesh Patel 03/15/2023
 Supervised By :Jagrut Upadhyay 03/15/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.076 ng
 RT: 26.725 min Scan# 4050
 Delta R.T. -0.038 min
 Lab File: BN024277.D
 Acq: 14 Mar 2023 12:32

Tgt Ion:276 Resp: 4756
 Ion Ratio Lower Upper
 276 100
 138 34.4 27.4 41.2
 277 23.3 19.8 29.6





#37

Benzo(b)fluoranthene

Concen: 0.081 ng

RT: 23.351 min Scan# 2896

Delta R.T. -0.006 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023

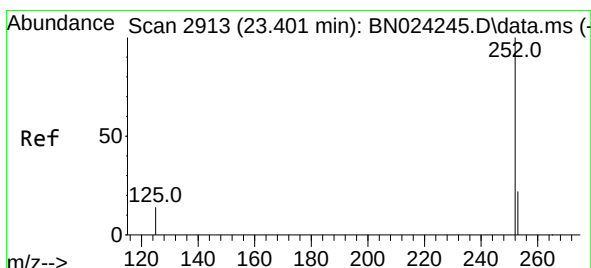
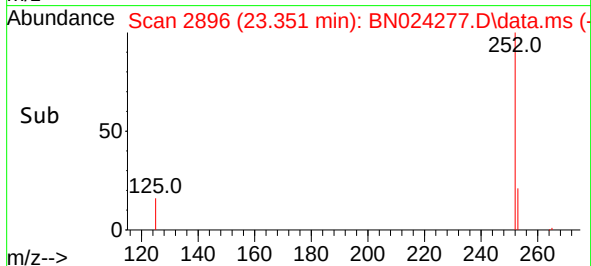
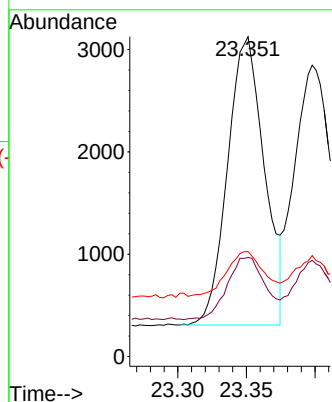
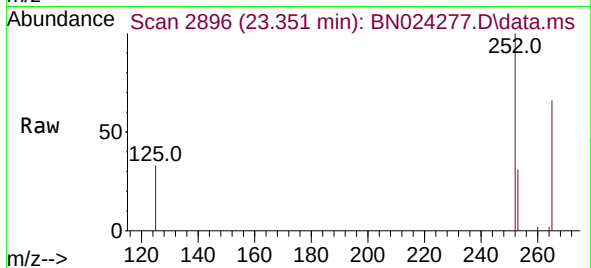
Tgt Ion:	252	Resp:	5254
Ion Ratio	Lower	Upper	
252	100		
253	31.0	18.9	28.3#
125	32.8	13.8	20.6#

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#38

Benzo(k)fluoranthene

Concen: 0.075 ng

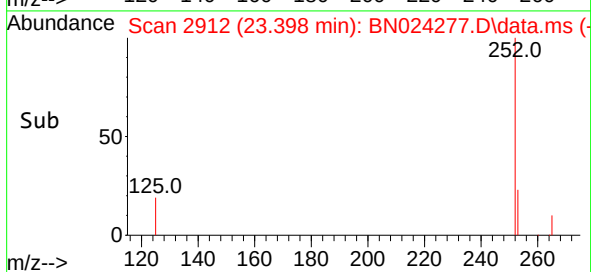
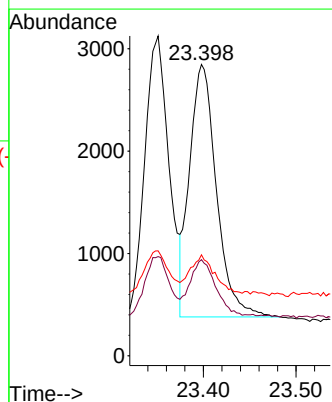
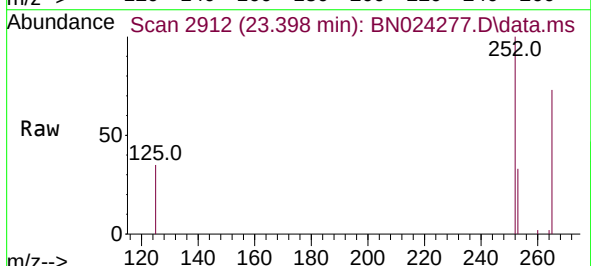
RT: 23.398 min Scan# 2912

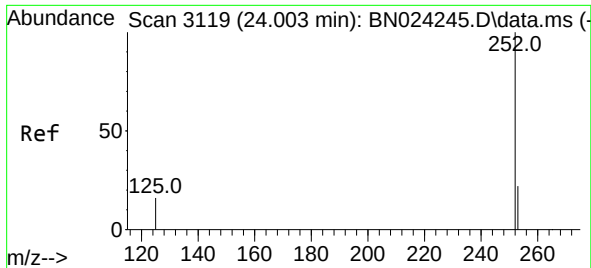
Delta R.T. -0.012 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Tgt Ion:	252	Resp:	4982
Ion Ratio	Lower	Upper	
252	100		
253	33.0	19.0	28.6#
125	34.7	13.5	20.3#





#39

Benzo(a)pyrene

Concen: 0.070 ng

RT: 24.003 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BN024277.D

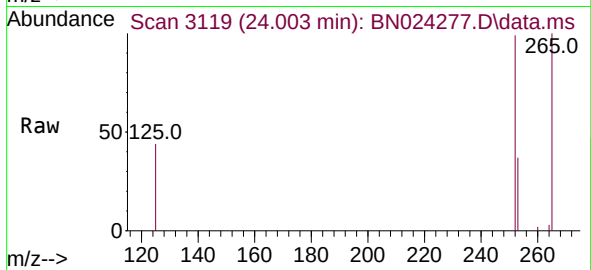
Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023



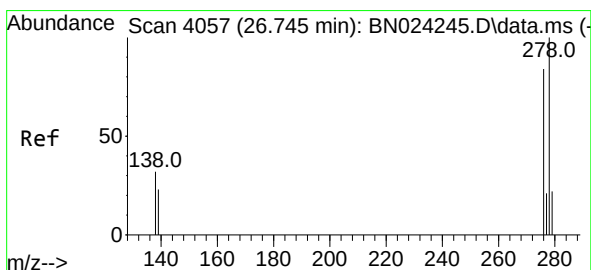
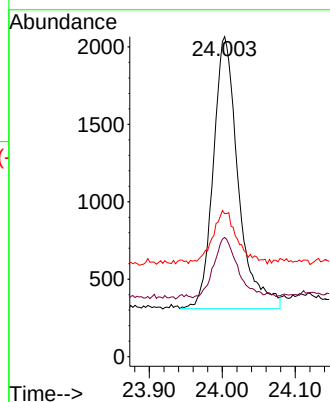
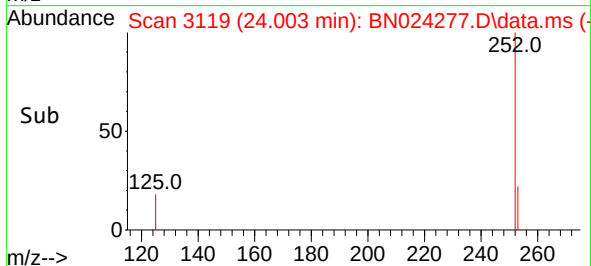
Tgt Ion:252	Resp:	417
Ion Ratio	Lower	Upper
252	100	
253	37.2	19.5 29.3
125	44.7	16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.073 ng m

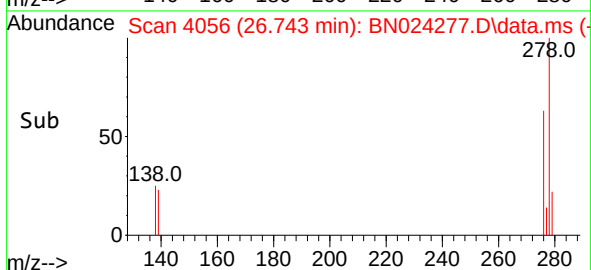
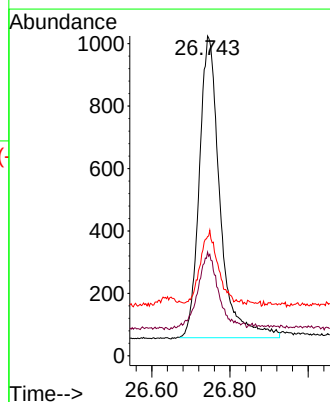
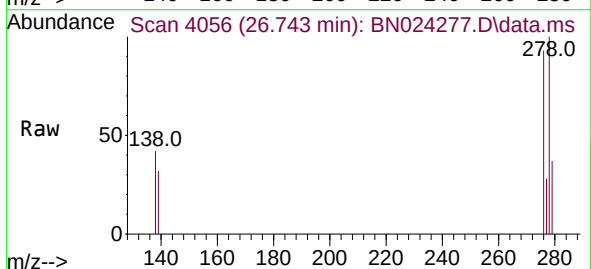
RT: 26.743 min Scan# 4056

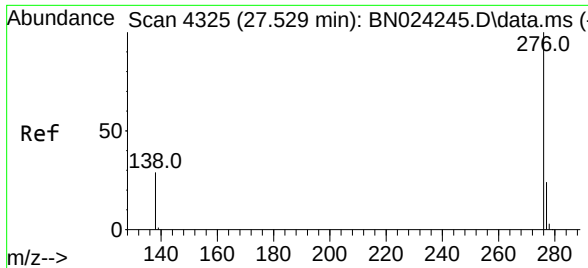
Delta R.T. -0.044 min

Lab File: BN024277.D

Acq: 14 Mar 2023 12:32

Tgt Ion:278	Resp:	3544
Ion Ratio	Lower	Upper
278	100	
139	32.4	19.4 29.0
279	37.3	20.7 31.1





#41

Benzo(g,h,i)perylene

Concen: 0.083 ng

RT: 27.526 min Scan# 43

Delta R.T. -0.050 min

Lab File: BN024277.D

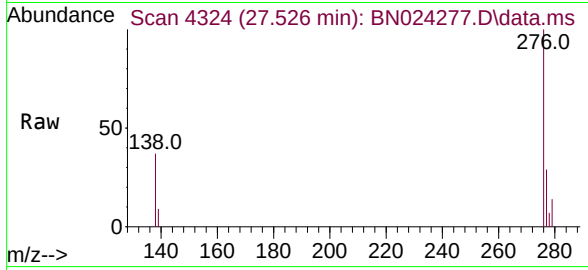
Acq: 14 Mar 2023 12:32

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT1-2023



Tgt Ion:276 Resp: 4650

Ion Ratio Lower Upper

276 100

277 28.6 19.9 29.9

138 36.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/15/2023

Supervised By :Jagrut Upadhyay 03/15/2023

