

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
 Data File : BN023683.D
 Acq On : 17 Jan 2023 15:44
 Operator : CG/JU
 Sample : N3980-02
 Misc : LOQ-SOIL 0.2ng
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 05:31:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	4488	0.400	ng	0.01
7) Naphthalene-d8	10.786	136	13187	0.400	ng	0.02
13) Acenaphthene-d10	14.613	164	6945	0.400	ng	0.01
19) Phenanthrene-d10	17.365	188	14706	0.400	ng	0.01
29) Chrysene-d12	21.558	240	11593	0.400	ng	# 0.01
35) Perylene-d12	24.008	264	8660	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.507	112	2709	0.304	ng	0.01
5) Phenol-d6	7.125	99	3505	0.305	ng	0.02
8) Nitrobenzene-d5	9.132	82	2597	0.262	ng	0.02
11) 2-Methylnaphthalene-d10	12.374	152	7748	0.426	ng	0.02
14) 2,4,6-Tribromophenol	16.111	330	788	0.262	ng	0.01
15) 2-Fluorobiphenyl	13.244	172	7855	0.280	ng	0.02
27) Fluoranthene-d10	19.401	212	15453	0.429	ng	0.01
31) Terphenyl-d14	20.000	244	8765	0.299	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.341	88	775	0.193	ng	96
3) n-Nitrosodimethylamine	3.687	42	959m	0.212	ng	
6) bis(2-Chloroethyl)ether	7.385	93	2669	0.221	ng	99
9) Naphthalene	10.829	128	6948	0.199	ng	98
10) Hexachlorobutadiene	11.117	225	1473	0.209	ng	# 99
12) 2-Methylnaphthalene	12.446	142	5199	0.208	ng	99
16) Acenaphthylene	14.335	152	5176	0.185	ng	100
17) Acenaphthene	14.677	154	3875	0.189	ng	97
18) Fluorene	15.671	166	5384	0.195	ng	98
20) 4,6-Dinitro-2-methylph...	15.751	198	265	0.166	ng	# 53
21) 4-Bromophenyl-phenylether	16.558	248	1622	0.193	ng	93
22) Hexachlorobenzene	16.670	284	2195	0.209	ng	100
23) Atrazine	16.831	200	1043	0.180	ng	95
24) Pentachlorophenol	17.017	266	640	0.176	ng	97
25) Phenanthrene	17.402	178	8384	0.195	ng	100
26) Anthracene	17.501	178	6464	0.187	ng	100
28) Fluoranthene	19.431	202	8752	0.180	ng	99
30) Pyrene	19.793	202	8589	0.193	ng	100
32) Benzo(a)anthracene	21.540	228	6894	0.184	ng	98
33) Chrysene	21.594	228	8315	0.201	ng	99
34) Bis(2-ethylhexyl)phtha...	21.468	149	3540	0.202	ng	99
36) Indeno(1,2,3-cd)pyrene	26.572	276	7415	0.191	ng	98
37) Benzo(b)fluoranthene	23.256	252	7898	0.213	ng	# 89
38) Benzo(k)fluoranthene	23.306	252	7117	0.197	ng	# 91
39) Benzo(a)pyrene	23.900	252	6477	0.232	ng	# 81
40) Dibenzo(a,h)anthracene	26.589	278	5853	0.188	ng	93
41) Benzo(g,h,i)perylene	27.358	276	6029	0.190	ng	94

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

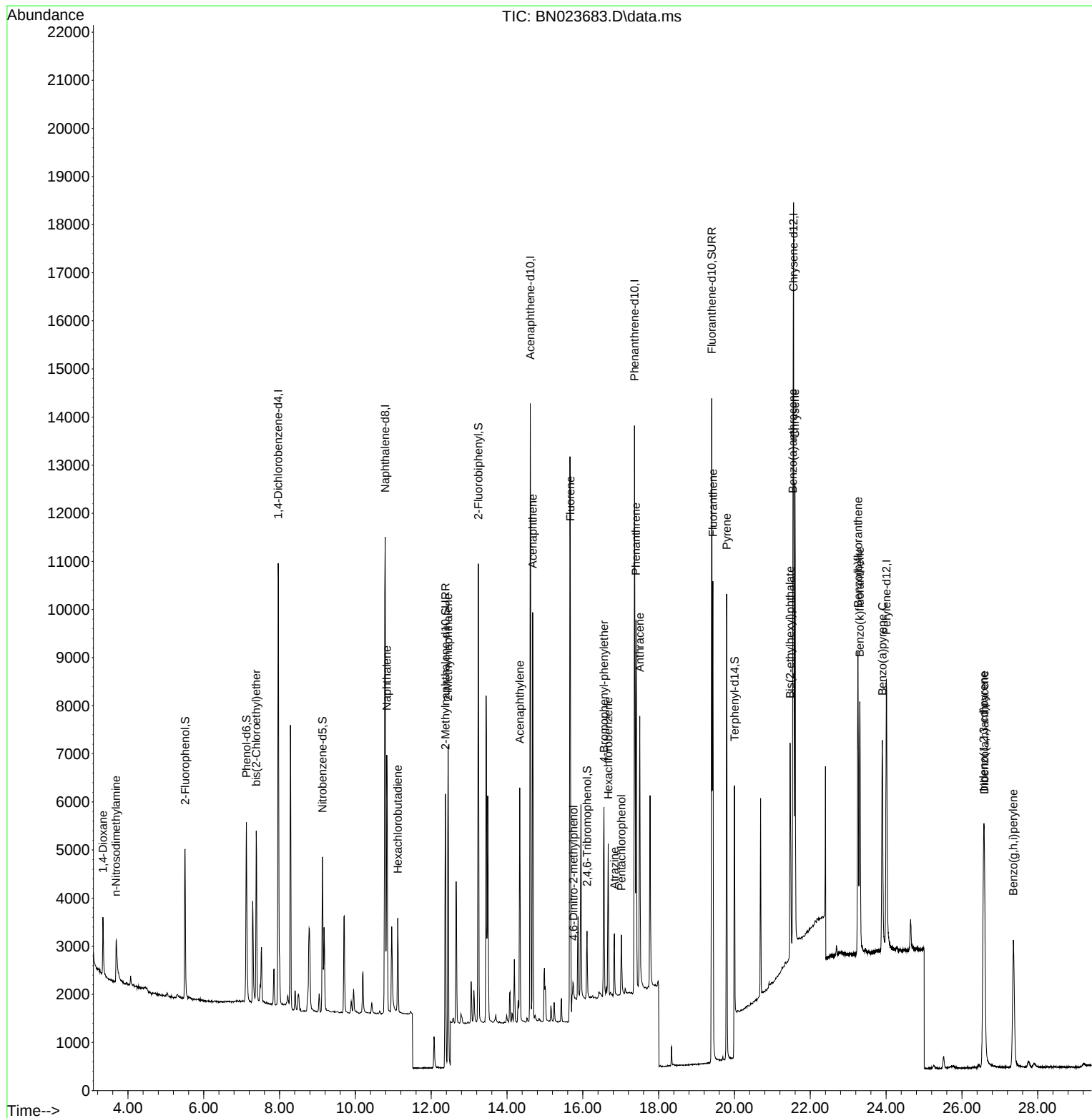
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011723\
Data File : BN023683.D
Acq On : 17 Jan 2023 15:44
Operator : CG/JU
Sample : N3980-02
Misc : LOQ-SOIL 0.2ng
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Jan 18 05:35:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 05:31:53 2023
Response via : Initial Calibration

Manual Integrations
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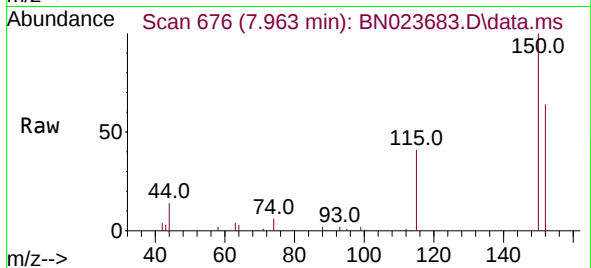
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

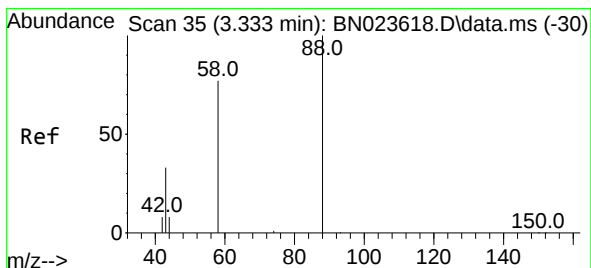
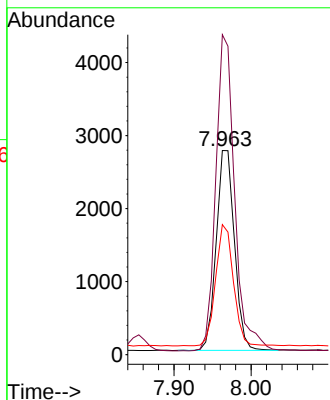
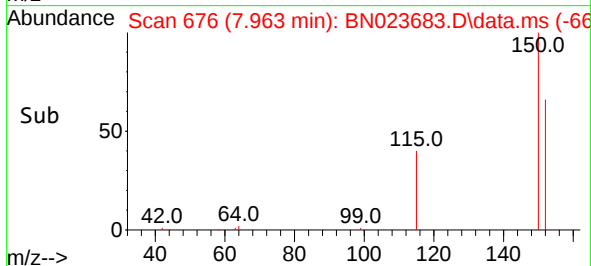
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:152 Resp: 4488
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.8
115 63.7 50.6 75.8

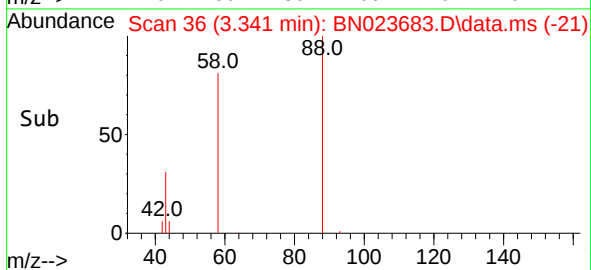
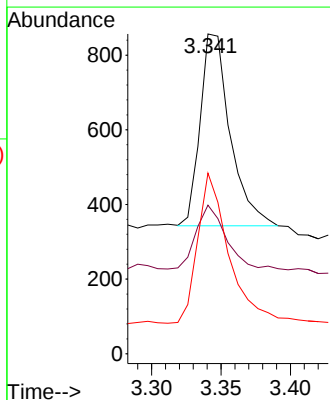
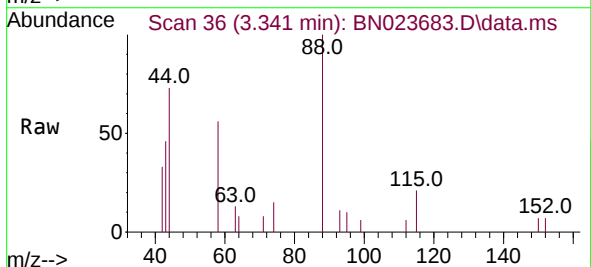
Manual Integrations
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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#2
1,4-Dioxane
Concen: 0.193 ng
RT: 3.341 min Scan# 36
Delta R.T. 0.007 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

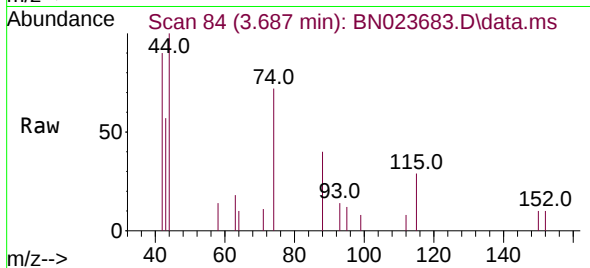
Tgt Ion: 88 Resp: 775
Ion Ratio Lower Upper
88 100
43 32.9 26.2 39.2
58 80.5 60.6 90.8





#3
n-Nitrosodimethylamine
Concen: 0.212 ng m
RT: 3.687 min Scan# 84
Delta R.T. 0.014 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

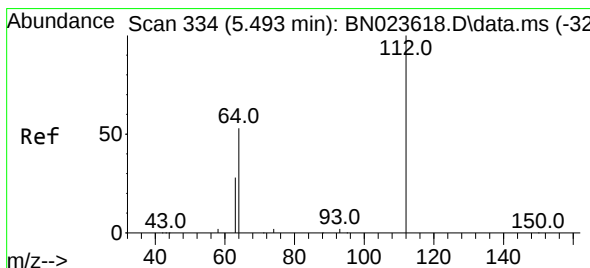
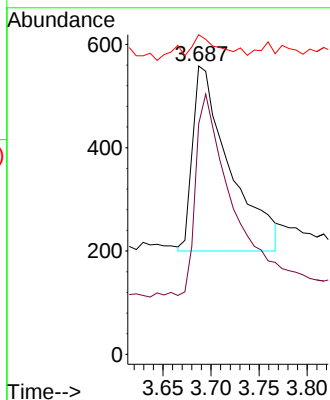
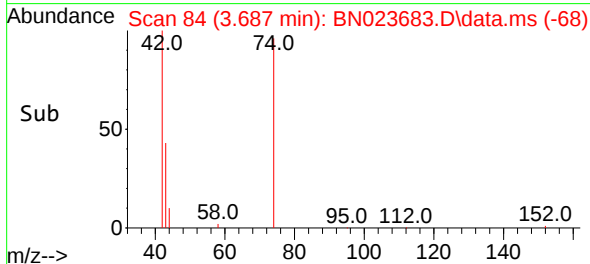
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion: 42 Resp: 959
Ion Ratio Lower Upper
42 100
74 103.6 92.1 138.1
44 13.9 5.4 8.0

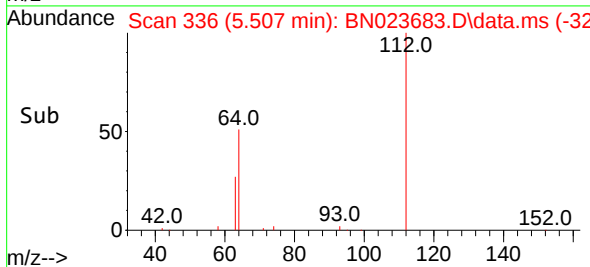
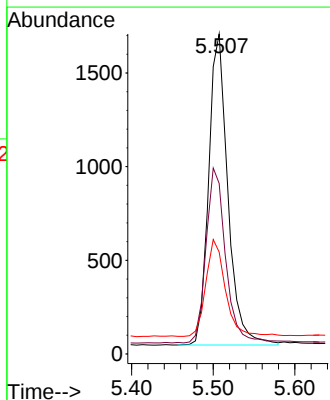
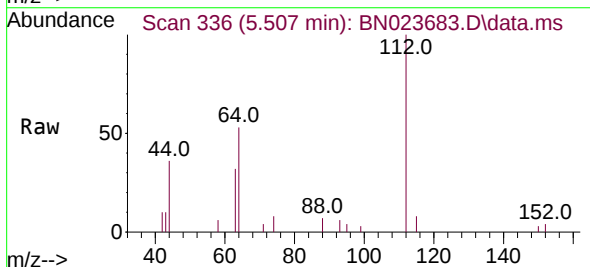
Manual Integrations
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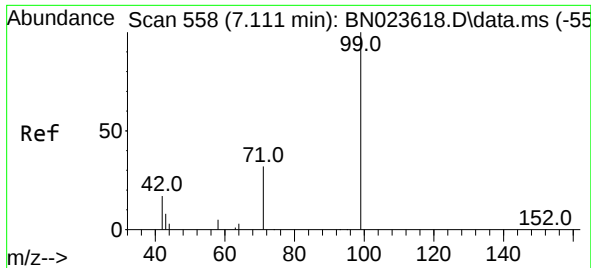
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#4
2-Fluorophenol
Concen: 0.304 ng
RT: 5.507 min Scan# 336
Delta R.T. 0.014 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

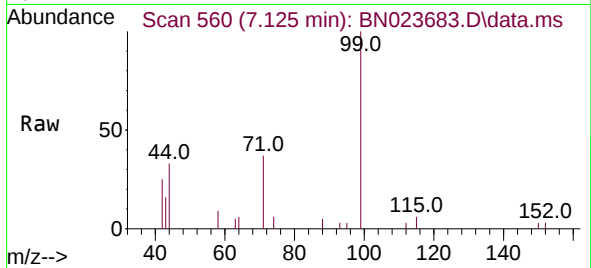
Tgt Ion:112 Resp: 2709
Ion Ratio Lower Upper
112 100
64 58.0 44.9 67.3
63 32.0 24.9 37.3





#5
Phenol-d6
Concen: 0.305 ng
RT: 7.125 min Scan# 50
Delta R.T. 0.022 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

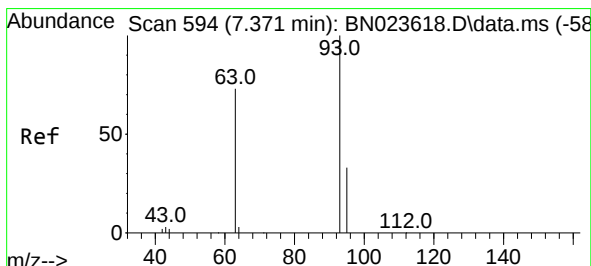
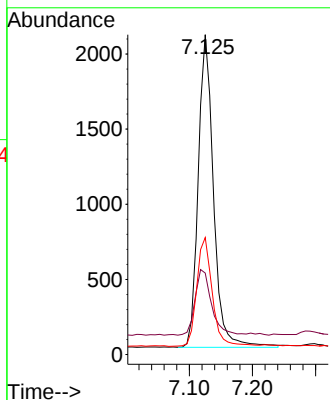
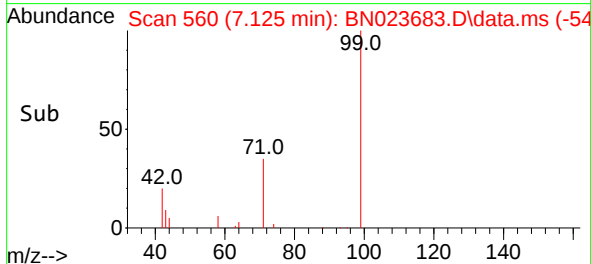
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion: 99 Resp: 3505
Ion Ratio Lower Upper
99 100
42 21.9 18.8 28.2
71 35.3 28.2 42.4

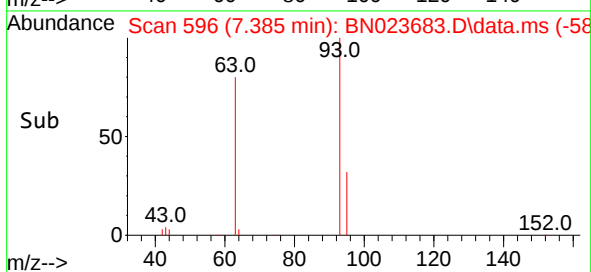
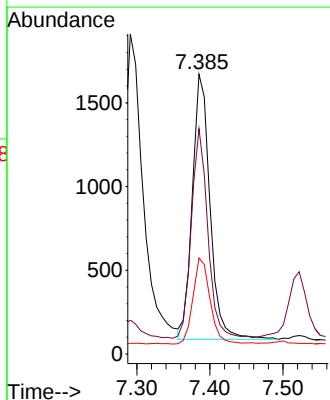
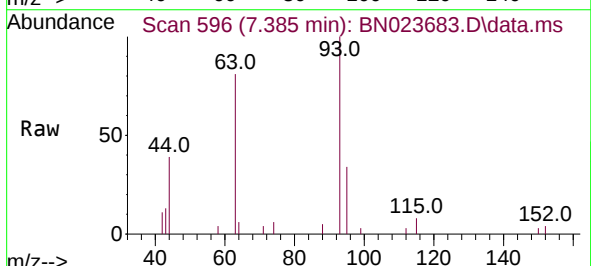
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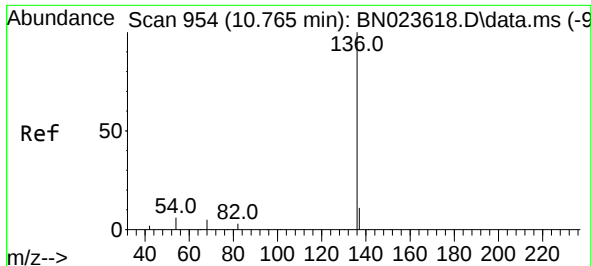
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.221 ng
RT: 7.385 min Scan# 596
Delta R.T. 0.014 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

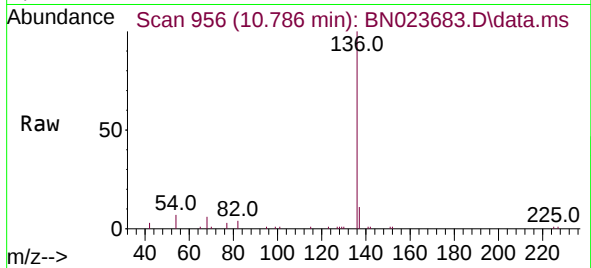
Tgt Ion: 93 Resp: 2669
Ion Ratio Lower Upper
93 100
63 73.7 59.6 89.4
95 31.7 25.3 37.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.786 min Scan# 91
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

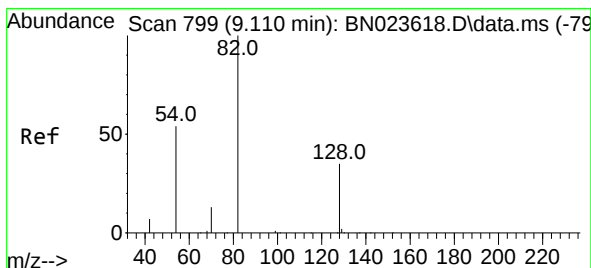
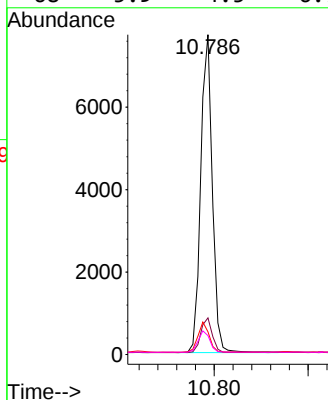
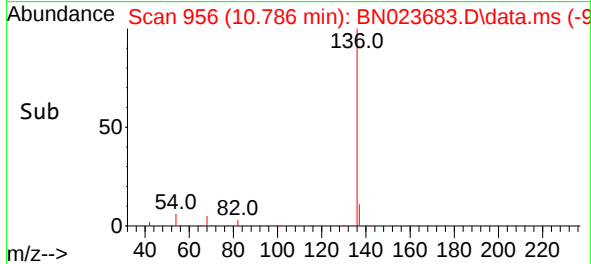
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:	136	Resp:	1318
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.1	5.7	8.5
68	5.9	4.5	6.7

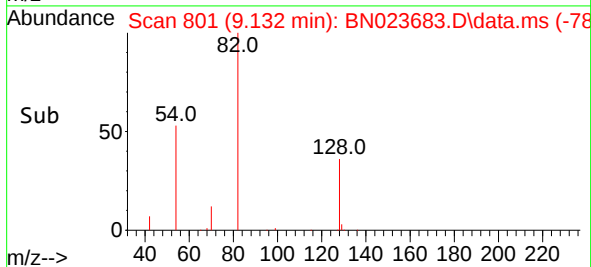
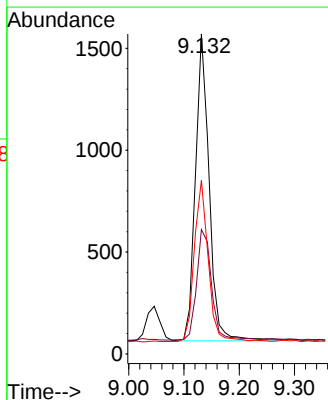
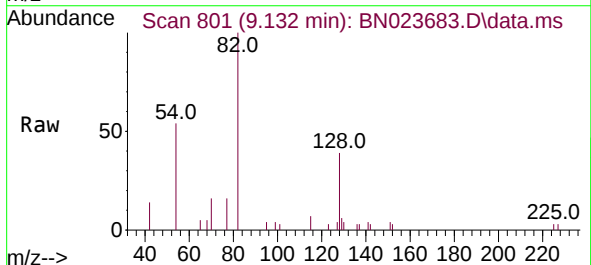
Manual Integrations
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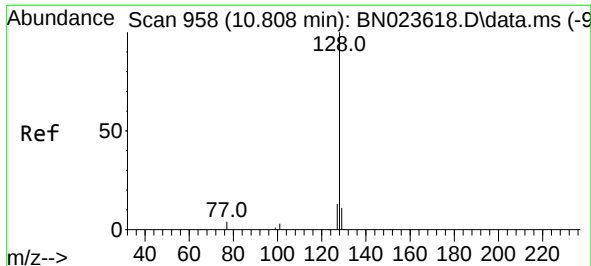
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 9.132 min Scan# 801
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

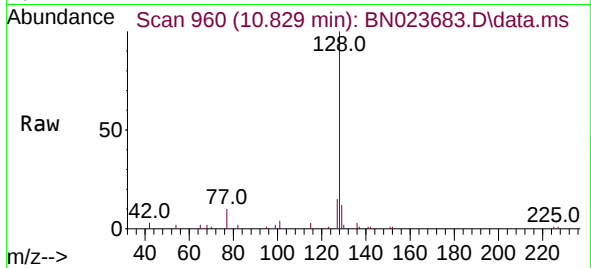
Tgt Ion:	82	Resp:	2597
Ion Ratio	Lower	Upper	
82	100		
128	38.9	29.8	44.8
54	54.3	43.9	65.9





#9
Naphthalene
Concen: 0.199 ng
RT: 10.829 min Scan# 90
Delta R.T. 0.011 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

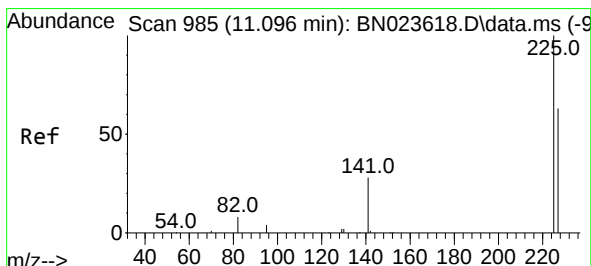
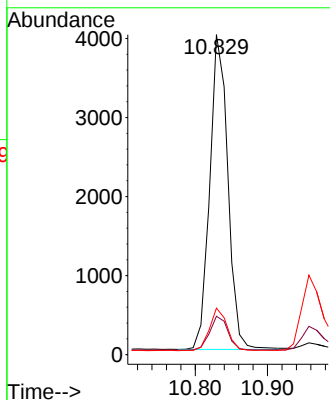
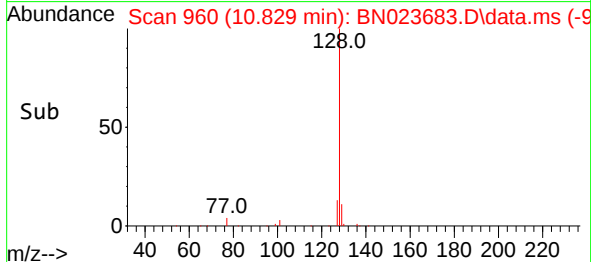
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:128 Resp: 6948
Ion Ratio Lower Upper
128 100
129 12.0 9.2 13.8
127 14.5 11.0 16.4

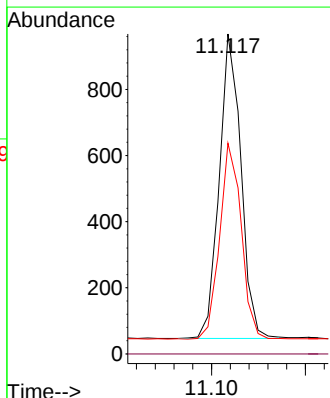
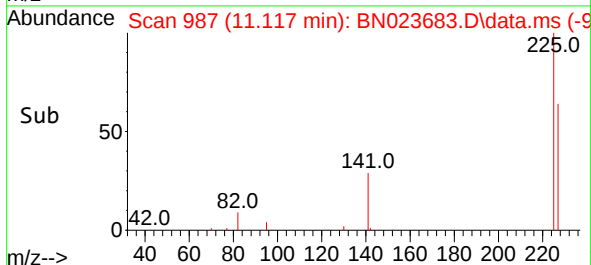
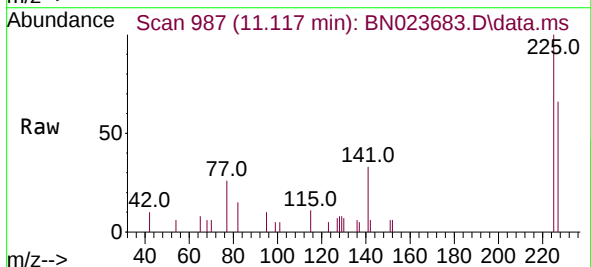
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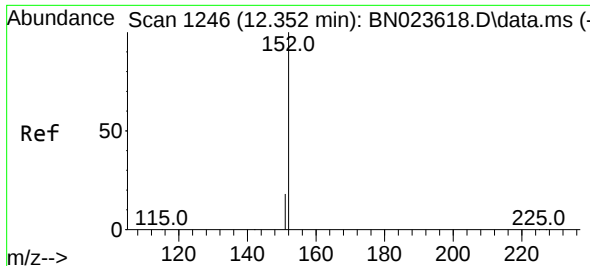
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#10
Hexachlorobutadiene
Concen: 0.209 ng
RT: 11.117 min Scan# 987
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

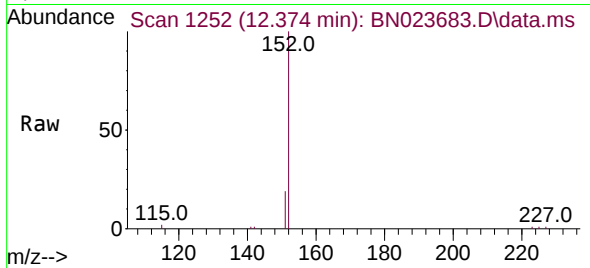
Tgt Ion:225 Resp: 1473
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.0 51.8 77.6





#11
2-Methylnaphthalene-d10
Concen: 0.426 ng
RT: 12.374 min Scan# 1271
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

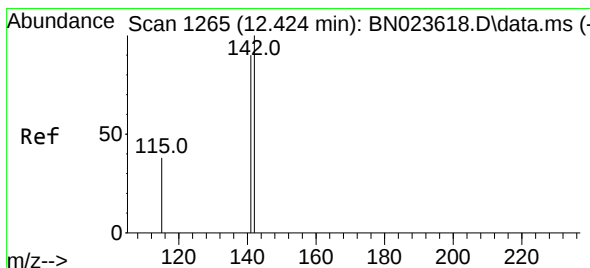
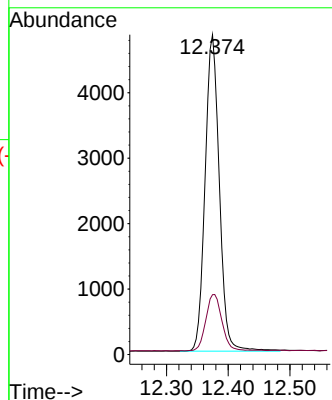
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:152 Resp: 7748
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3

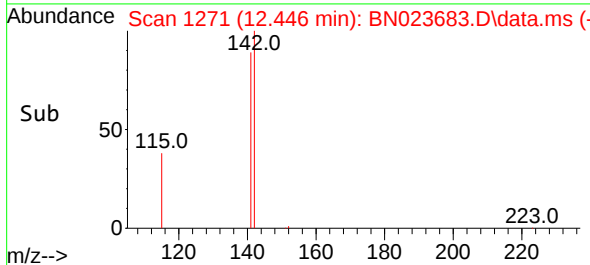
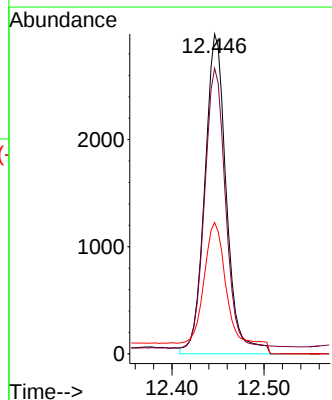
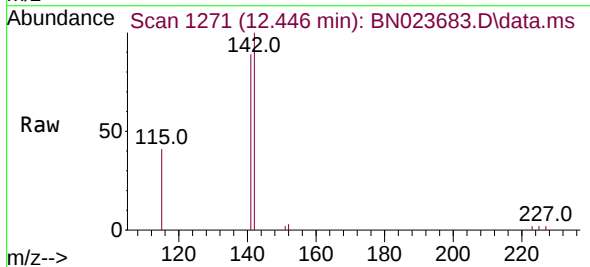
Manual Integrations
APPROVED

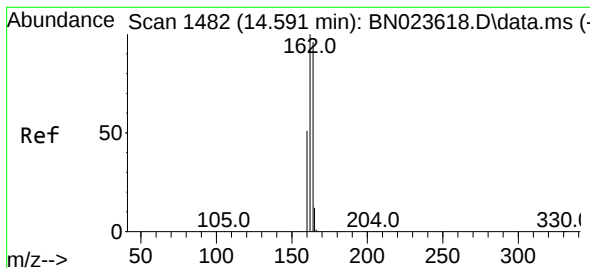
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#12
2-Methylnaphthalene
Concen: 0.208 ng
RT: 12.446 min Scan# 1271
Delta R.T. 0.015 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:142 Resp: 5199
Ion Ratio Lower Upper
142 100
141 89.3 72.0 108.0
115 41.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.613 min Scan# 1484

Delta R.T. 0.011 min

Lab File: BN023683.D

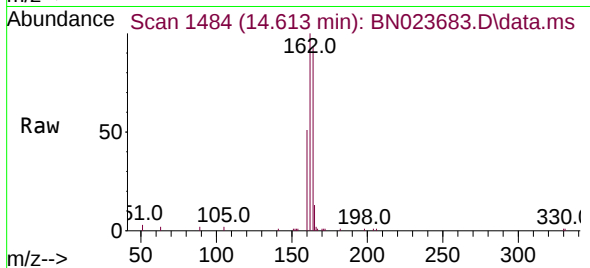
Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022



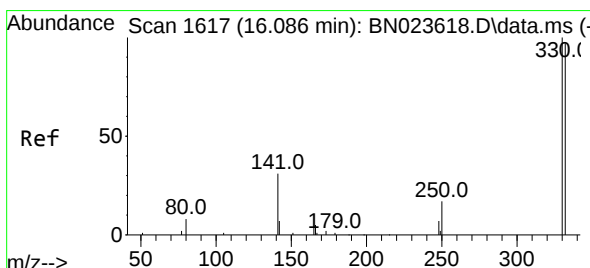
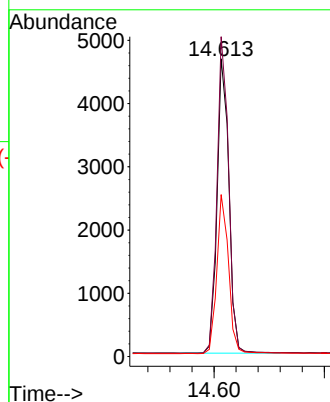
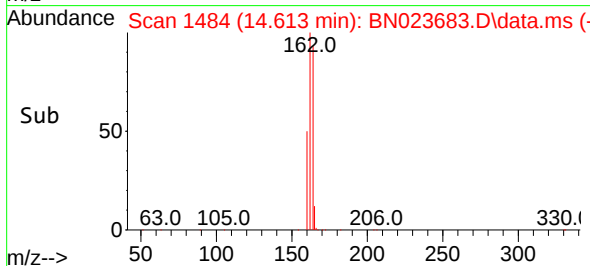
Tgt Ion:	164	Resp:	694
Ion Ratio	Lower	Upper	
164	100		
162	107.5	83.4	125.2
160	54.4	42.7	64.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#14

2,4,6-Tribromophenol

Concen: 0.262 ng

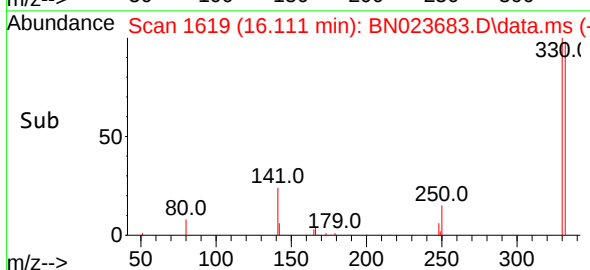
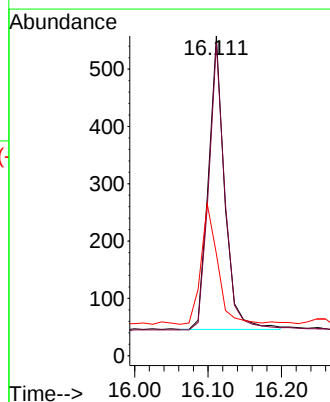
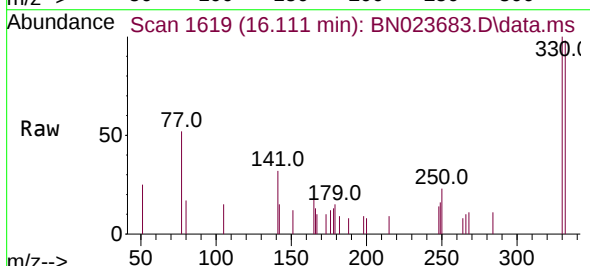
RT: 16.111 min Scan# 1619

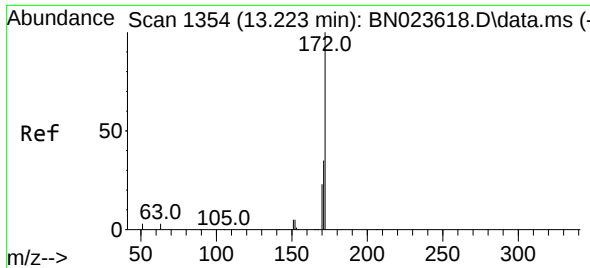
Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

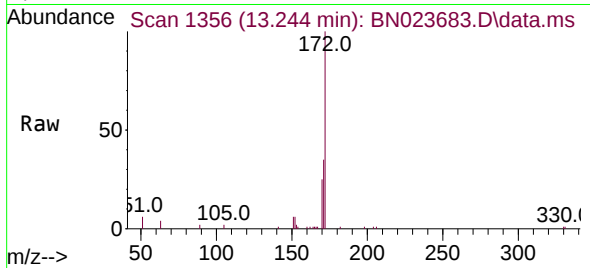
Tgt Ion:	330	Resp:	788
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.1	117.1
141	42.0	33.4	50.0





#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 13.244 min Scan# 1354
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

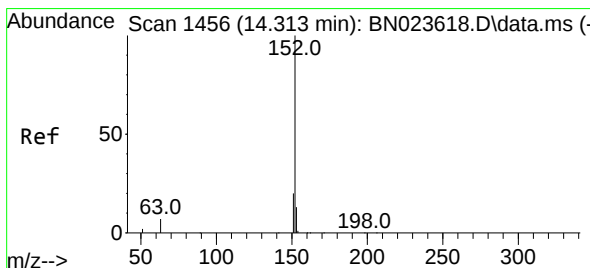
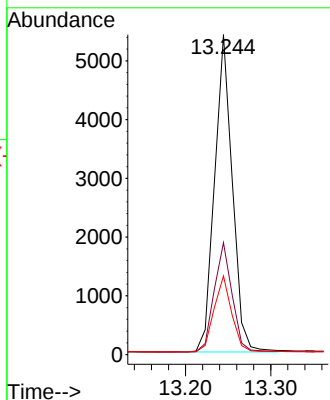
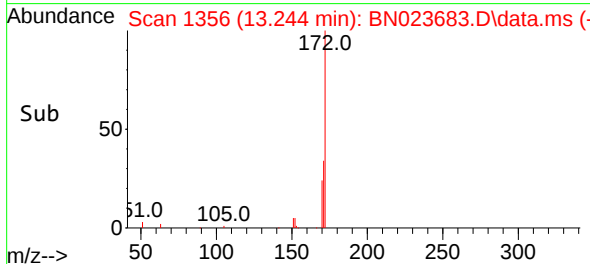
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT3-2022



Tgt Ion:172 Resp: 785
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.6 19.0 28.4

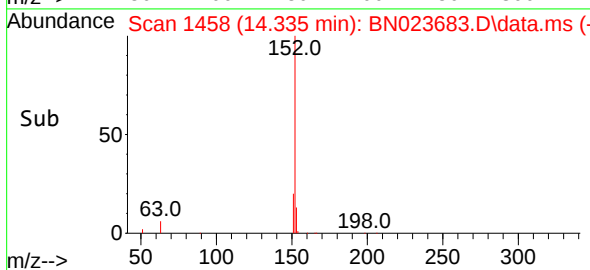
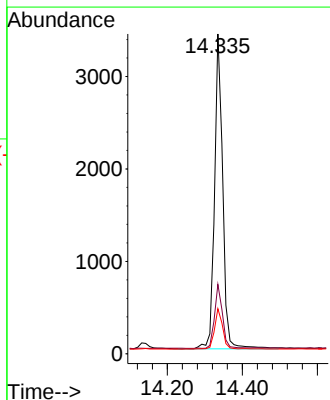
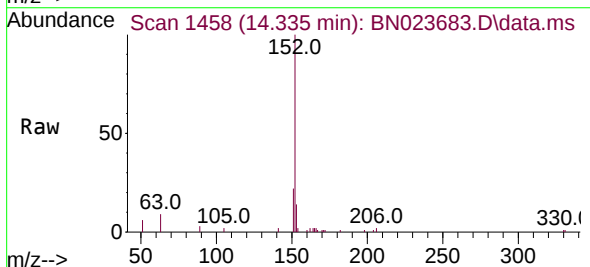
Manual Integrations
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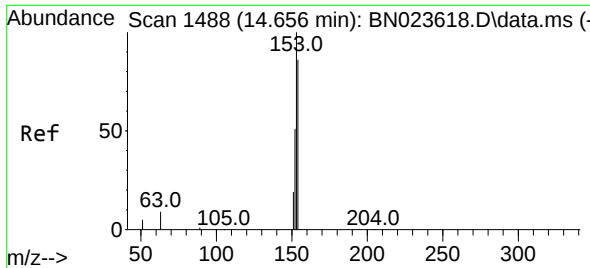
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#16
Acenaphthylene
Concen: 0.185 ng
RT: 14.335 min Scan# 1458
Delta R.T. 0.011 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:152 Resp: 5176
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.0 10.5 15.7





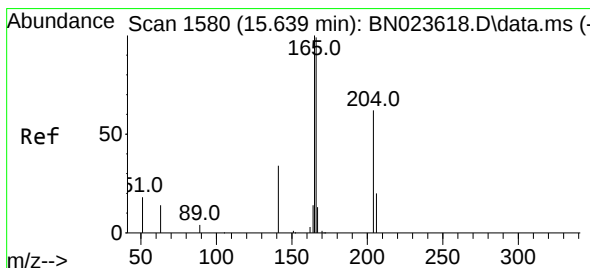
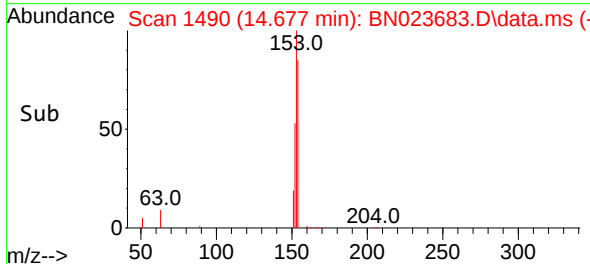
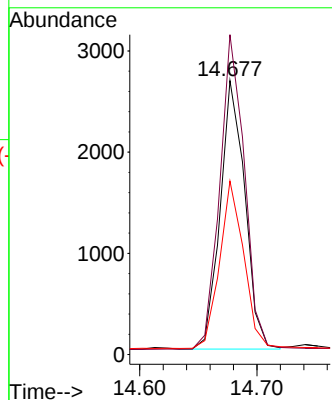
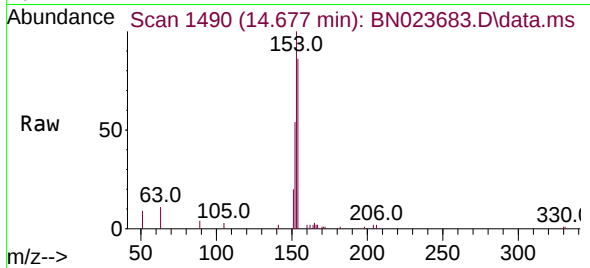
#17
Acenaphthene
Concen: 0.189 ng
RT: 14.677 min Scan# 1488
Delta R.T. 0.011 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Tgt Ion:154 Resp: 3875
Ion Ratio Lower Upper
154 100
153 118.6 92.4 138.6
152 62.2 48.2 72.2

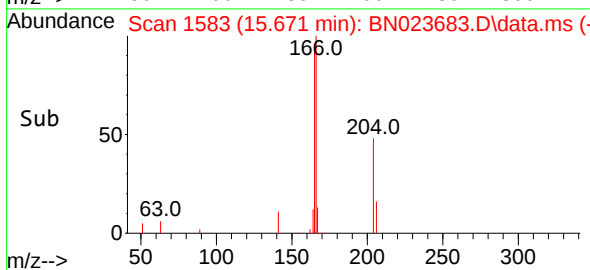
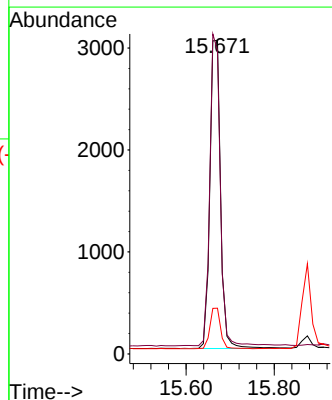
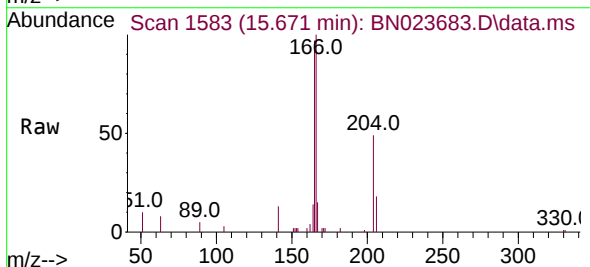
Manual Integrations
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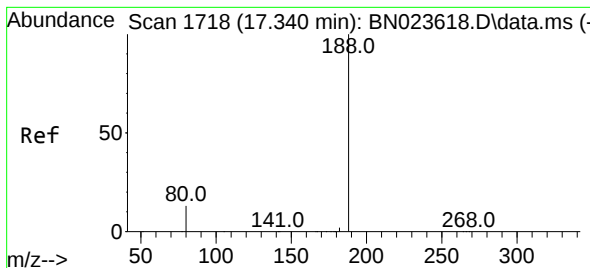
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Fluorene
Concen: 0.195 ng
RT: 15.671 min Scan# 1583
Delta R.T. 0.021 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:166 Resp: 5384
Ion Ratio Lower Upper
166 100
165 98.9 80.4 120.6
167 12.8 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.365 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

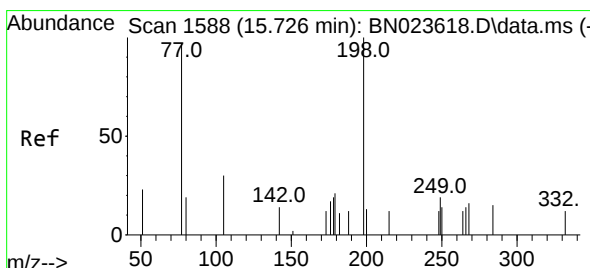
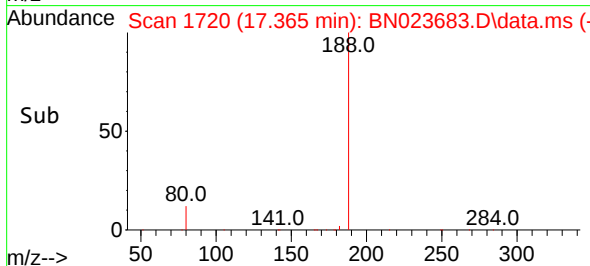
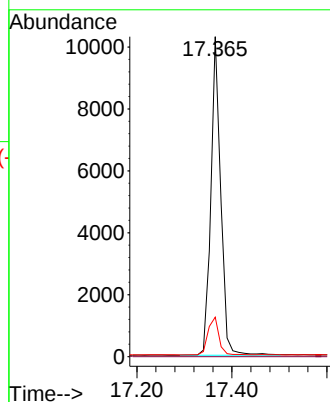
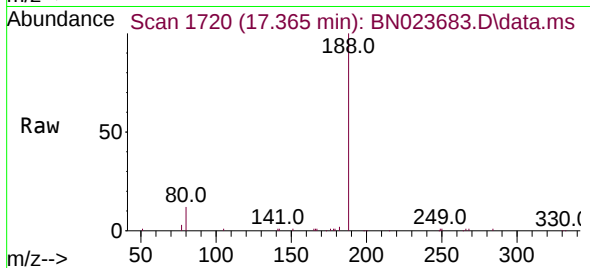
LOQ-SOIL-02-QT3-2022

Tgt Ion:188 Resp: 14700
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 12.3 11.0 16.4

Manual Integrations

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 Supervised By :Jagrut Upadhyay 01/18/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.166 ng

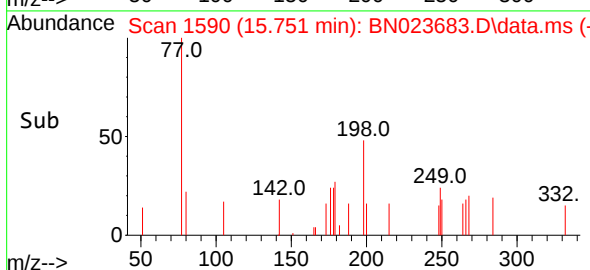
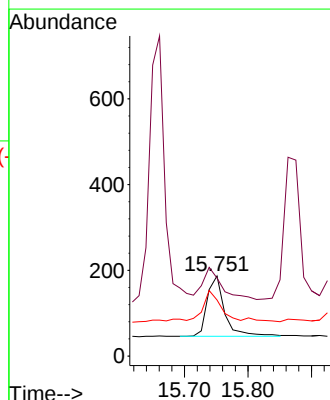
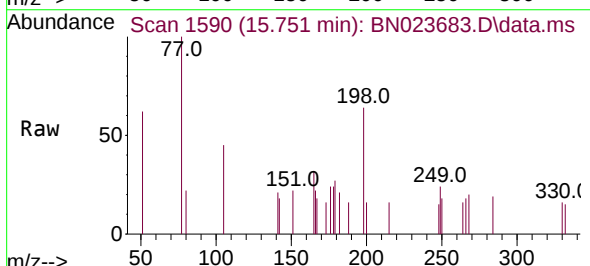
RT: 15.751 min Scan# 1590

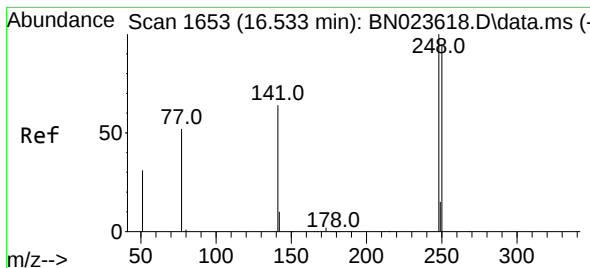
Delta R.T. 0.025 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

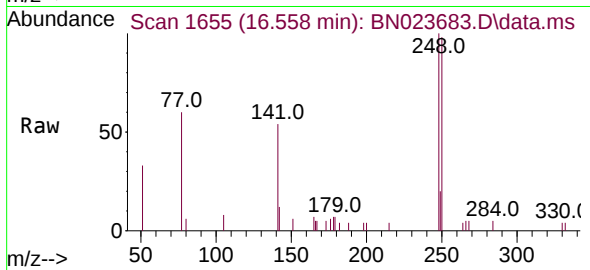
Tgt Ion:198 Resp: 265
 Ion Ratio Lower Upper
 198 100
 51 97.3 44.9 67.3#
 105 70.1 37.0 55.4#





#21
4-Bromophenyl-phenylether
Concen: 0.193 ng
RT: 16.558 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

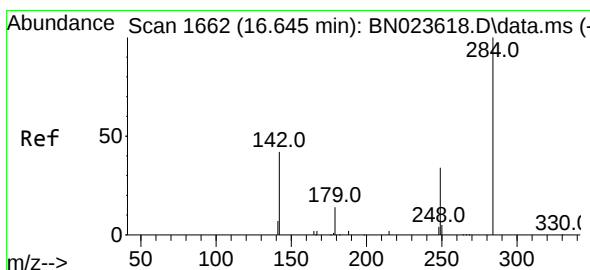
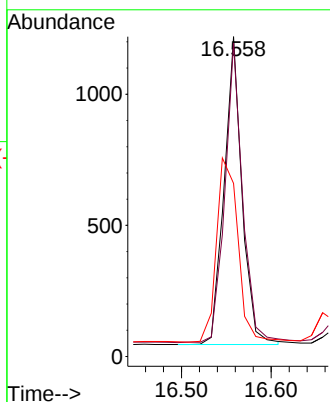
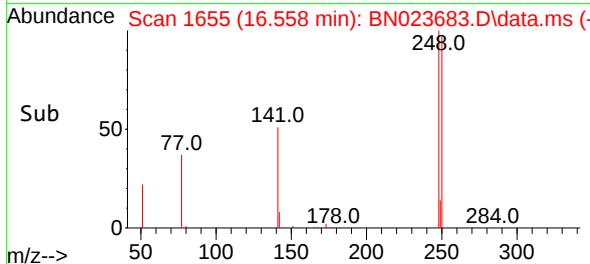
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



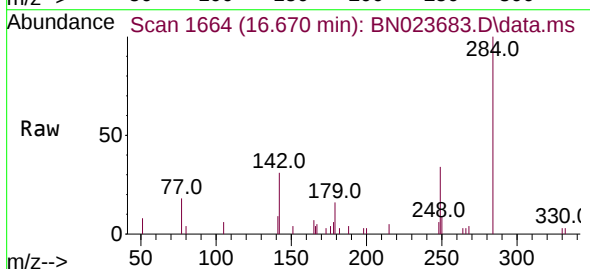
Tgt Ion:248 Resp: 1622
Ion Ratio Lower Upper
248 100
250 98.0 76.6 114.8
141 54.1 52.3 78.5

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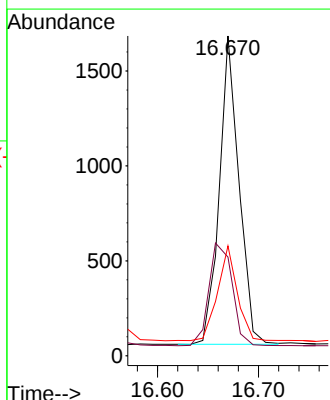
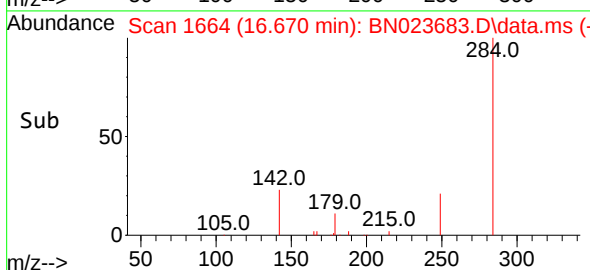
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

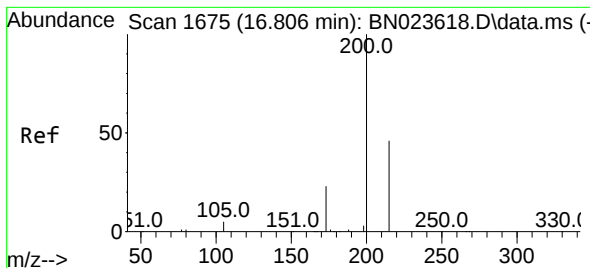


#22
Hexachlorobenzene
Concen: 0.209 ng
RT: 16.670 min Scan# 1664
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44



Tgt Ion:284 Resp: 2195
Ion Ratio Lower Upper
284 100
142 39.5 31.4 47.2
249 31.0 24.9 37.3





#23

Atrazine

Concen: 0.180 ng

RT: 16.831 min Scan# 1677

Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022

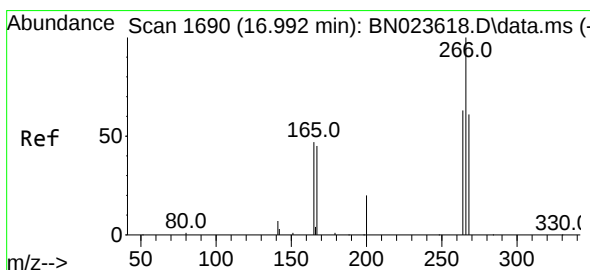
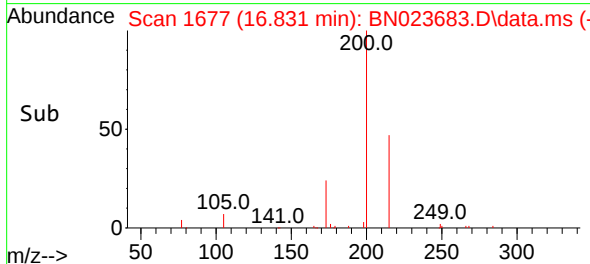
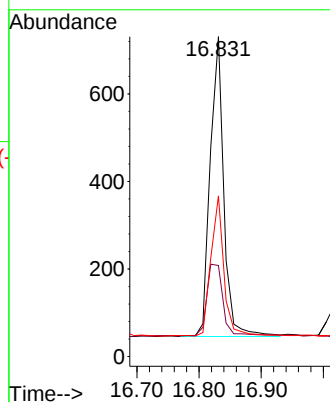
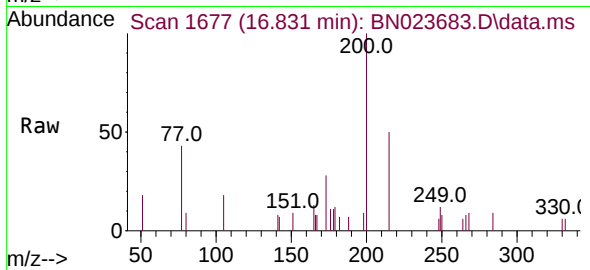
Tgt Ion:	200	Resp:	1043
Ion Ratio	Lower	Upper	
200	100		
173	28.5	20.4	30.6
215	50.2	38.1	57.1

Manual Integrations

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Supervised By :Jagrut Upadhyay 01/18/2023



#24

Pentachlorophenol

Concen: 0.176 ng

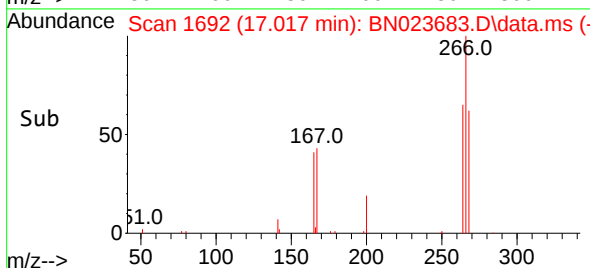
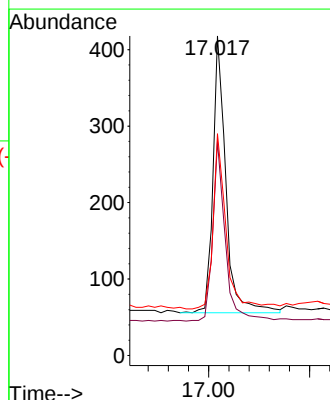
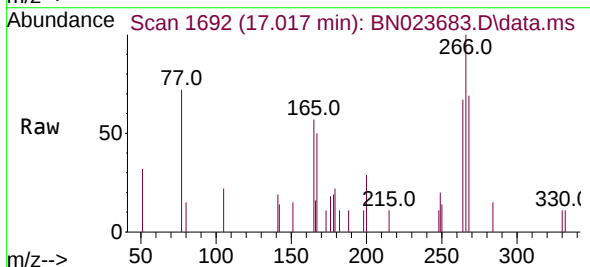
RT: 17.017 min Scan# 1692

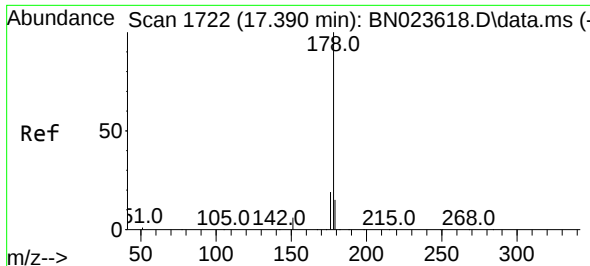
Delta R.T. 0.012 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

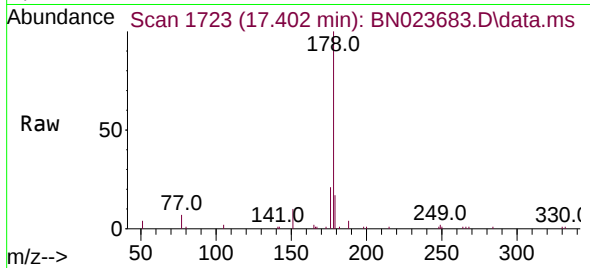
Tgt Ion:	266	Resp:	640
Ion Ratio	Lower	Upper	
266	100		
264	64.1	49.7	74.5
268	63.7	49.3	73.9





#25
Phenanthrene
Concen: 0.195 ng
RT: 17.402 min Scan# 1730
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

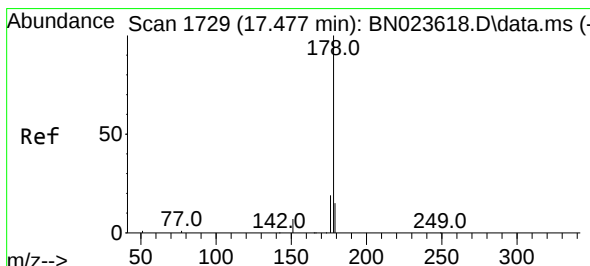
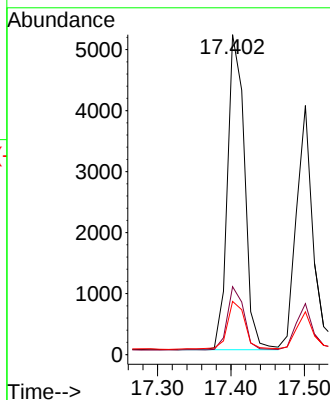
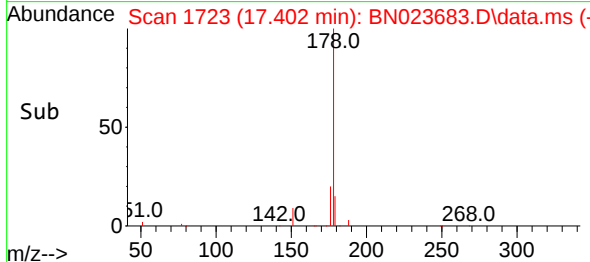
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



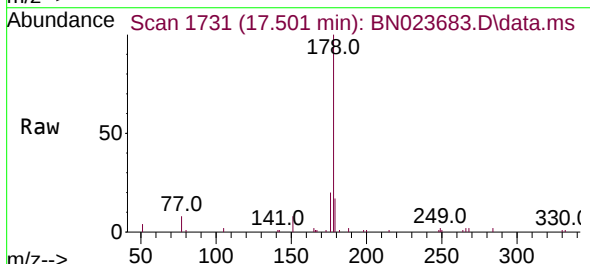
Tgt Ion:178 Resp: 8384
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.9 12.5 18.7

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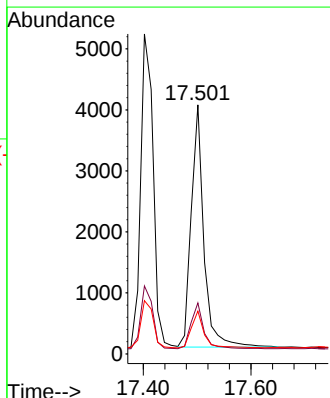
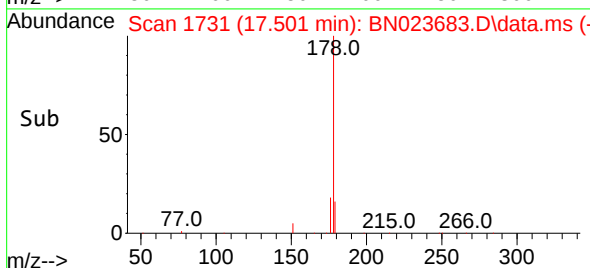
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

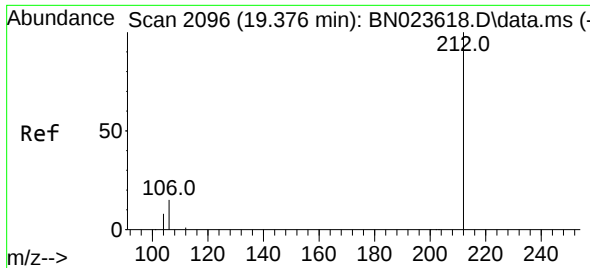


#26
Anthracene
Concen: 0.187 ng
RT: 17.501 min Scan# 1731
Delta R.T. 0.012 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44



Tgt Ion:178 Resp: 6464
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.2 18.2





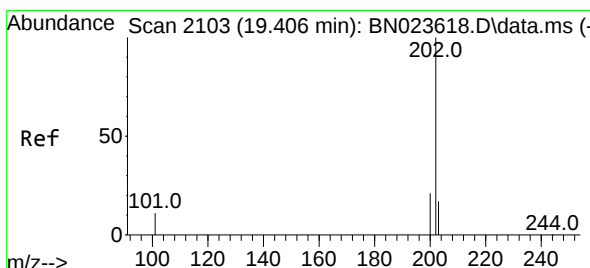
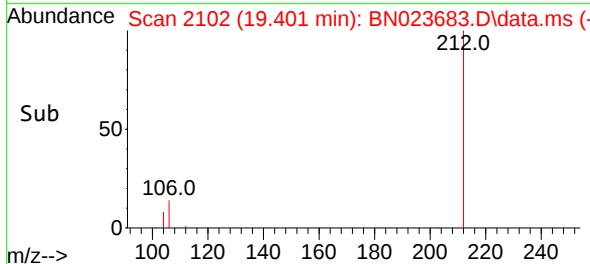
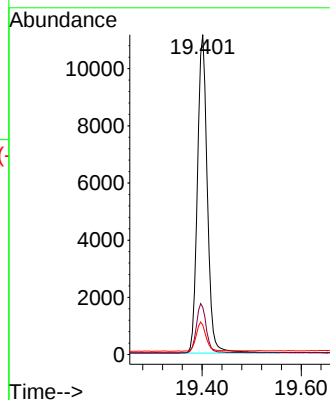
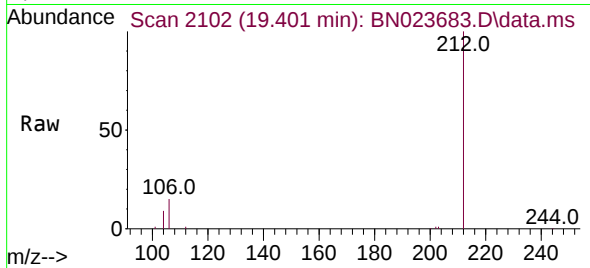
#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.401 min Scan# 2102
Delta R.T. 0.013 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Tgt Ion:212 Resp: 1545
Ion Ratio Lower Upper
212 100
106 15.5 12.2 18.4
104 9.2 7.1 10.7

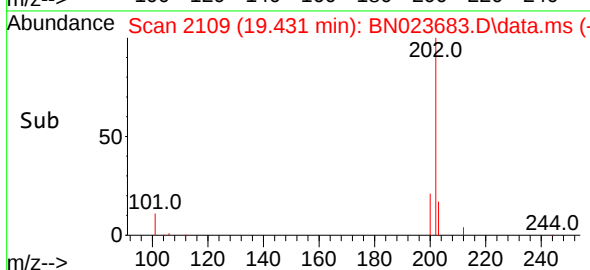
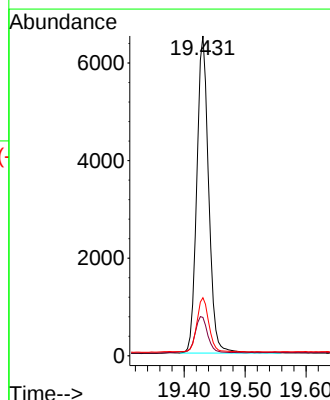
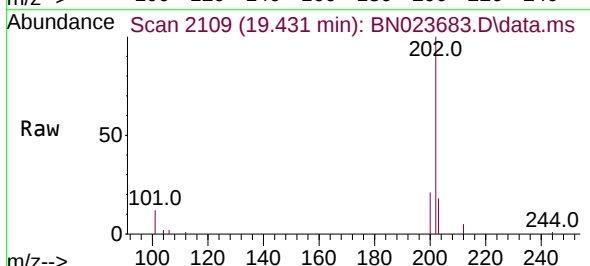
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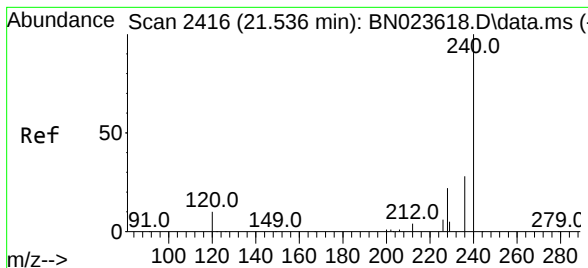
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#28
Fluoranthene
Concen: 0.180 ng
RT: 19.431 min Scan# 2109
Delta R.T. 0.013 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:202 Resp: 8752
Ion Ratio Lower Upper
202 100
101 12.7 9.7 14.5
203 17.1 13.8 20.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.558 min Scan# 2419

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

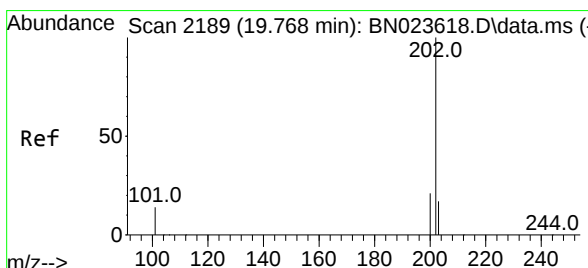
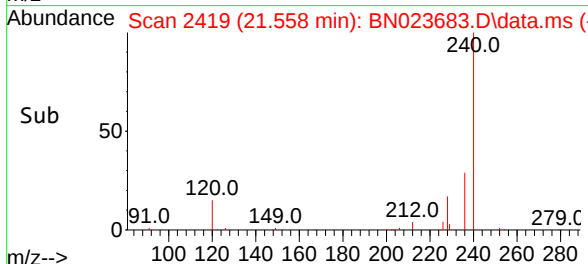
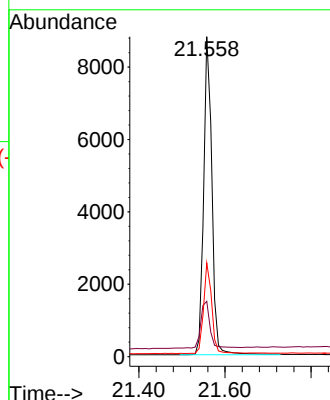
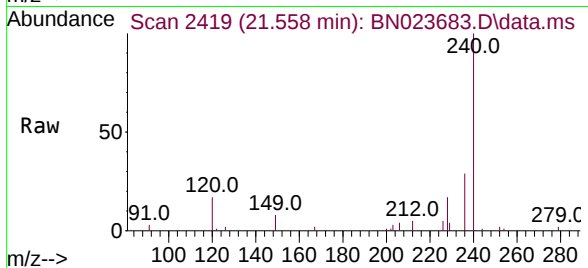
LOQ-SOIL-02-QT3-2022

Tgt Ion:	240	Resp:	11593
Ion Ratio	Lower	Upper	
240	100		
120	17.3	10.6	15.8
236	29.3	23.0	34.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#30

Pyrene

Concen: 0.193 ng

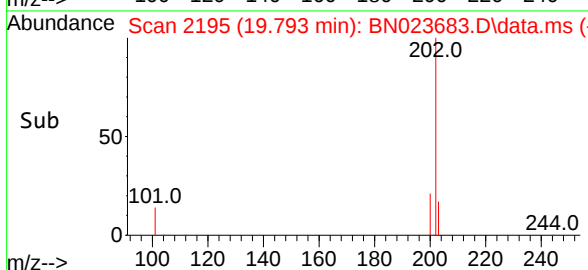
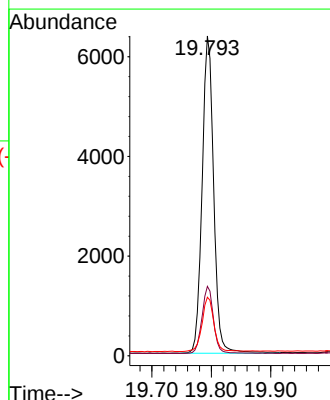
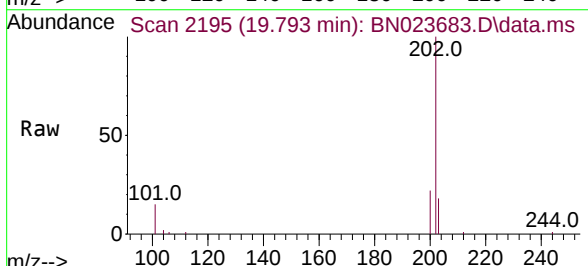
RT: 19.793 min Scan# 2195

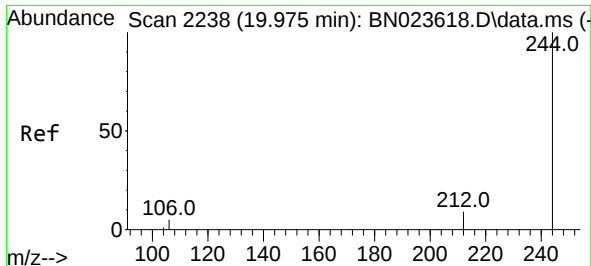
Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

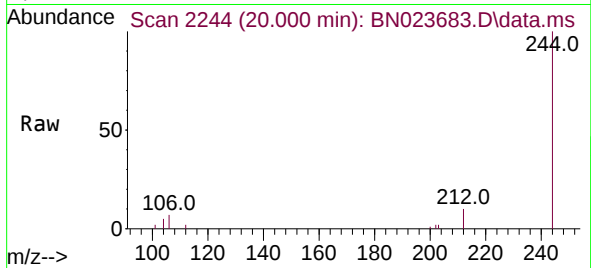
Tgt Ion:	202	Resp:	8589
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.0	25.4
203	17.6	14.2	21.2





#31
Terphenyl-d14
Concen: 0.299 ng
RT: 20.000 min Scan# 21
Delta R.T. 0.017 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

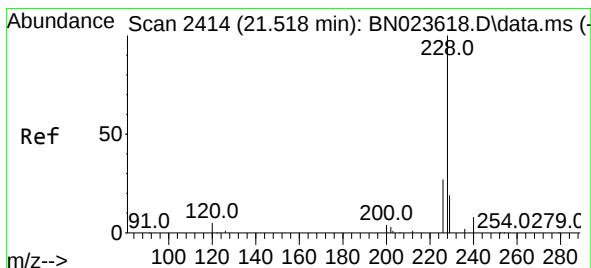
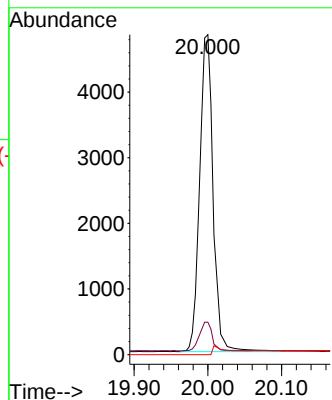
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:244 Resp: 8765
Ion Ratio Lower Upper
244 100
212 10.1 7.5 11.3
122 0.0 0.0 0.0

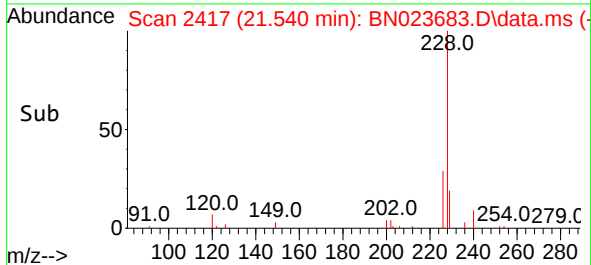
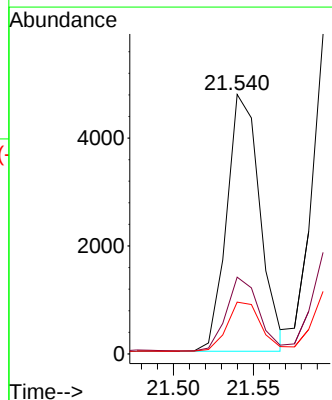
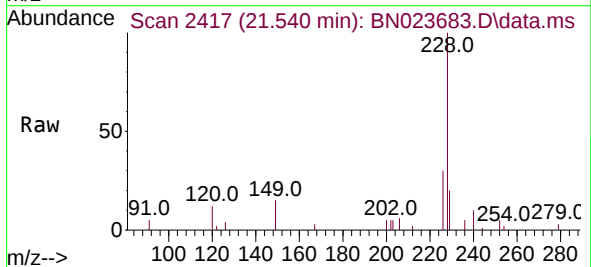
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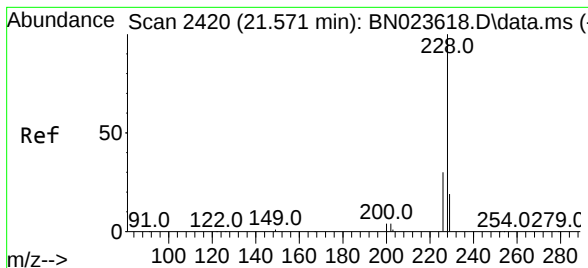
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzo(a)anthracene
Concen: 0.184 ng
RT: 21.540 min Scan# 2417
Delta R.T. 0.013 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Tgt Ion:228 Resp: 6894
Ion Ratio Lower Upper
228 100
226 29.6 22.2 33.2
229 19.9 15.7 23.5





#33

Chrysene

Concen: 0.201 ng

RT: 21.594 min Scan# 2423

Delta R.T. 0.013 min

Lab File: BN023683.D

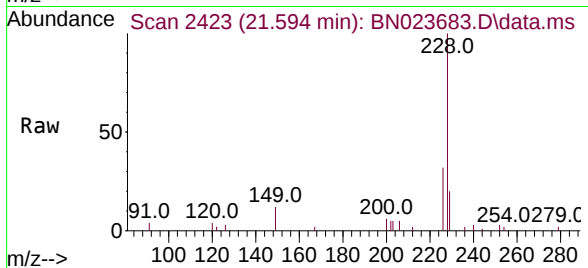
Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT3-2022



Tgt Ion:228 Resp: 8315

Ion Ratio Lower Upper

228 100

226 31.7 24.4 36.6

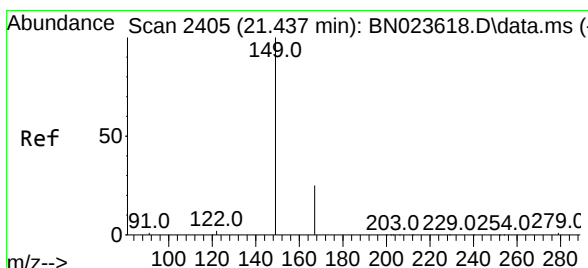
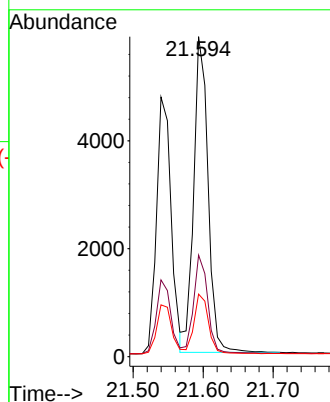
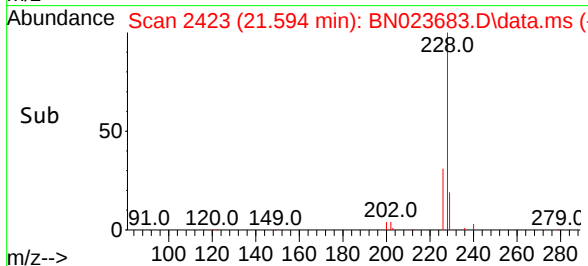
229 19.5 15.6 23.4

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Supervised By :Jagrut Upadhyay 01/18/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.202 ng

RT: 21.468 min Scan# 2409

Delta R.T. 0.013 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

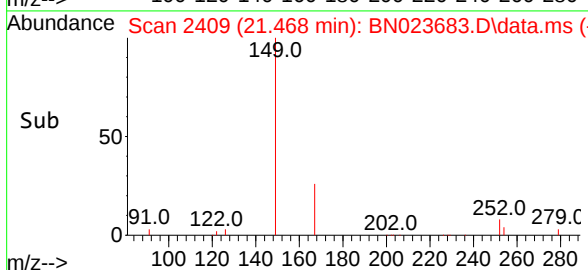
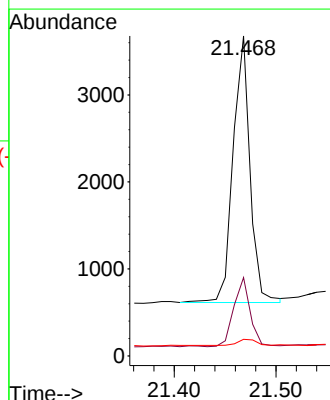
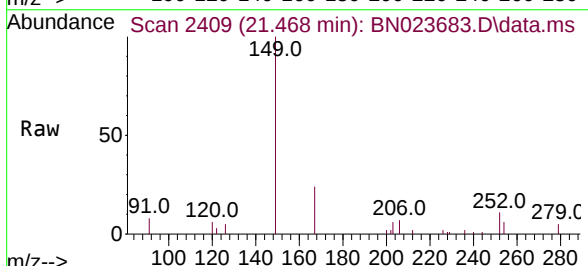
Tgt Ion:149 Resp: 3540

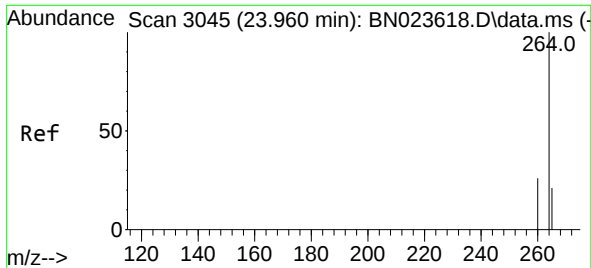
Ion Ratio Lower Upper

149 100

167 25.2 20.6 30.8

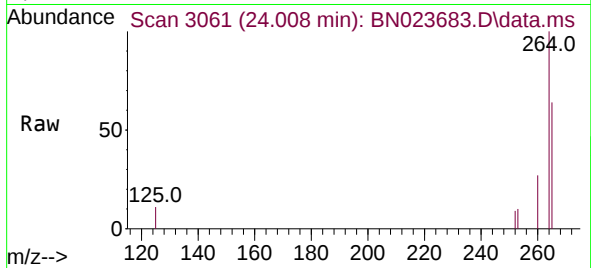
279 3.0 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.008 min Scan# 3045
 Delta R.T. 0.025 min
 Lab File: BN023683.D
 Acq: 17 Jan 2023 15:44

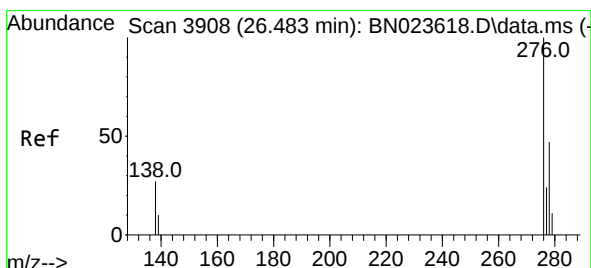
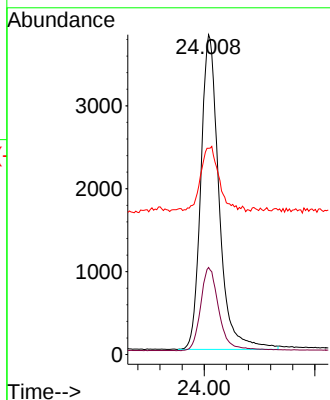
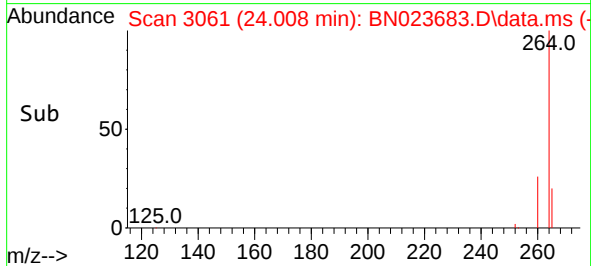
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022



Tgt Ion:264 Resp: 8660
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.4 32.2
 265 64.5 56.6 85.0

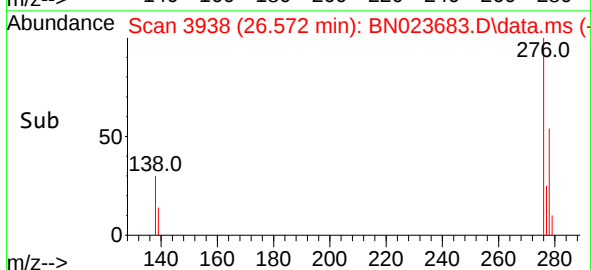
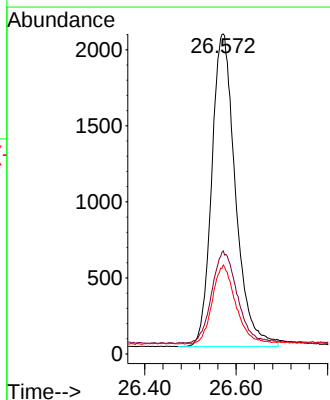
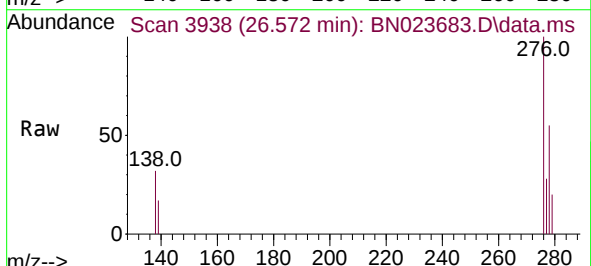
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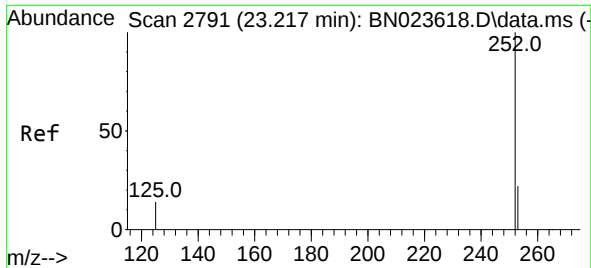
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.191 ng
 RT: 26.572 min Scan# 3938
 Delta R.T. 0.045 min
 Lab File: BN023683.D
 Acq: 17 Jan 2023 15:44

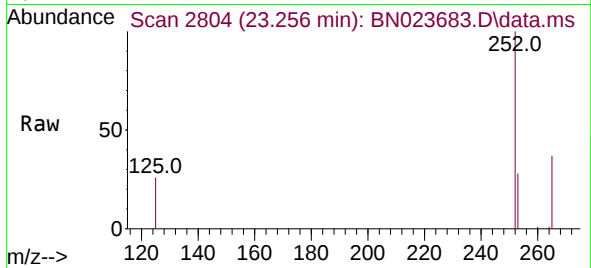
Tgt Ion:276 Resp: 7415
 Ion Ratio Lower Upper
 276 100
 138 31.5 23.8 35.8
 277 24.9 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.213 ng
RT: 23.256 min Scan# 2804
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

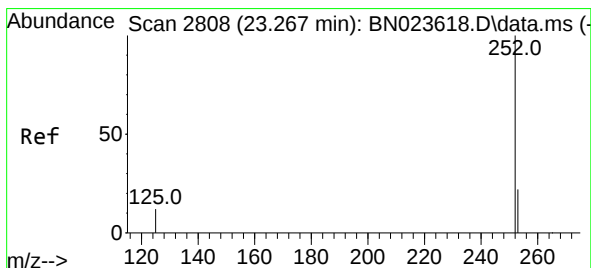
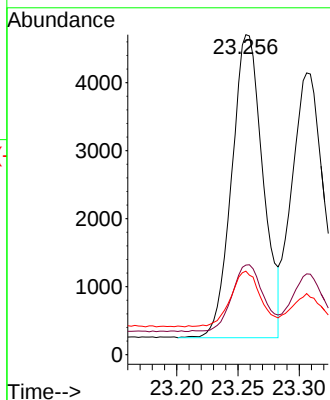
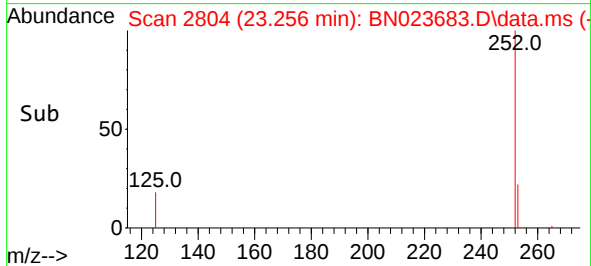
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



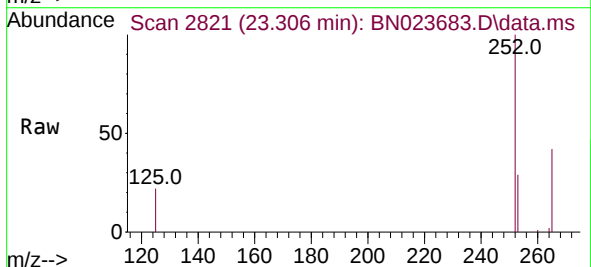
Tgt Ion:252 Resp: 7898
Ion Ratio Lower Upper
252 100
253 28.0 20.0 30.0
125 26.1 14.4 21.6

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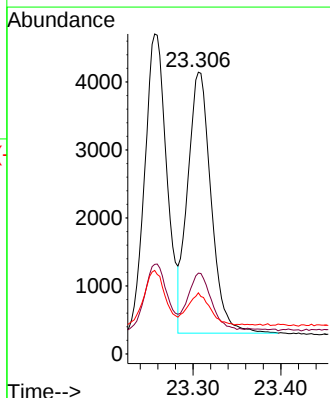
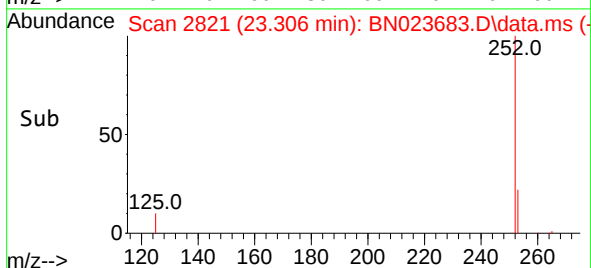
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

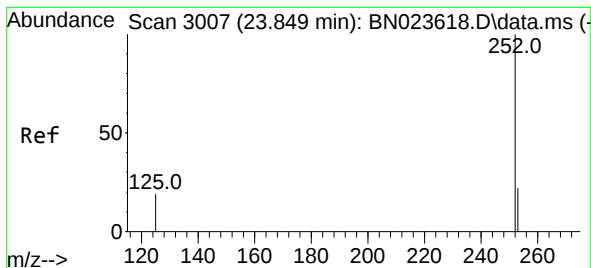


#38
Benzo(k)fluoranthene
Concen: 0.197 ng
RT: 23.306 min Scan# 2821
Delta R.T. 0.019 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44



Tgt Ion:252 Resp: 7117
Ion Ratio Lower Upper
252 100
253 28.6 20.2 30.2
125 21.7 13.0 19.4





#39

Benzo(a)pyrene

Concen: 0.232 ng

RT: 23.900 min Scan# 3007

Delta R.T. 0.025 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

Instrument :

BNA_N

ClientSampleId :

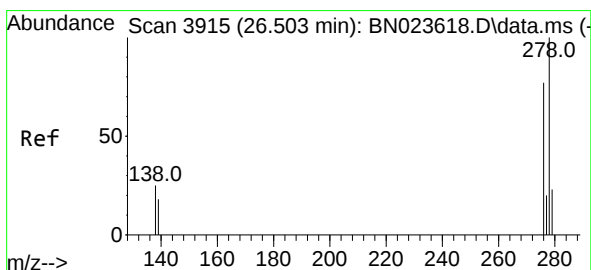
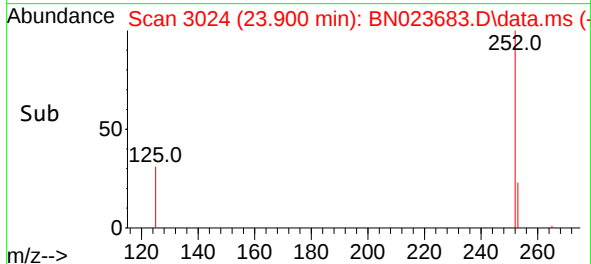
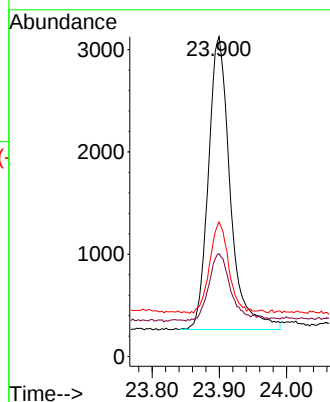
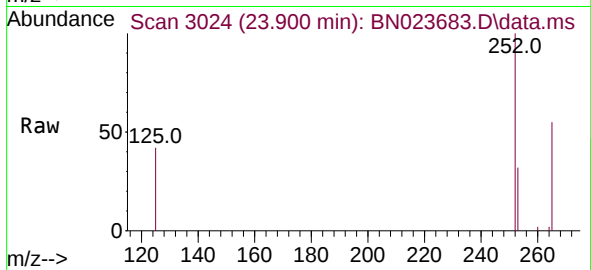
LOQ-SOIL-02-QT3-2022

Tgt Ion:	252	Resp:	647
Ion Ratio	Lower	Upper	
252	100		
253	32.2	22.3	33.5
125	42.1	21.2	31.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#40

Dibenzo(a,h)anthracene

Concen: 0.188 ng

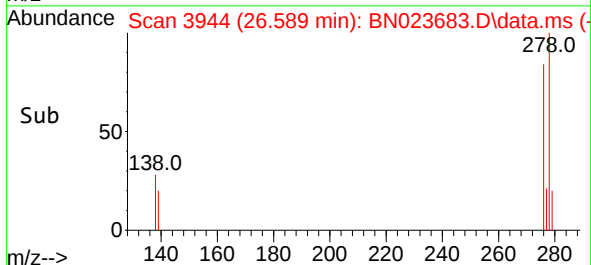
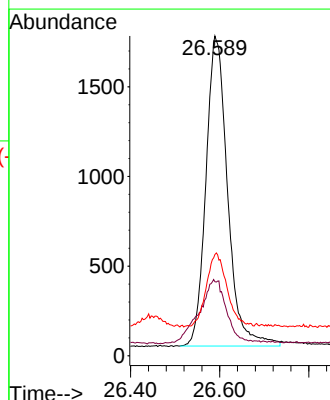
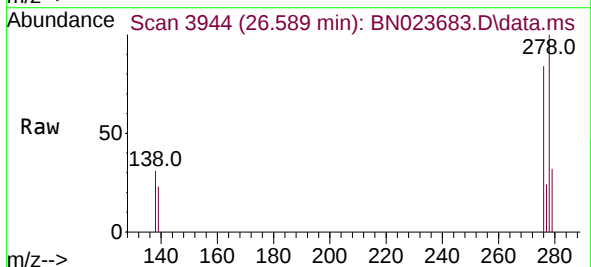
RT: 26.589 min Scan# 3944

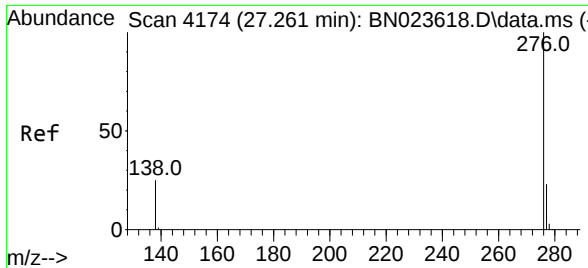
Delta R.T. 0.036 min

Lab File: BN023683.D

Acq: 17 Jan 2023 15:44

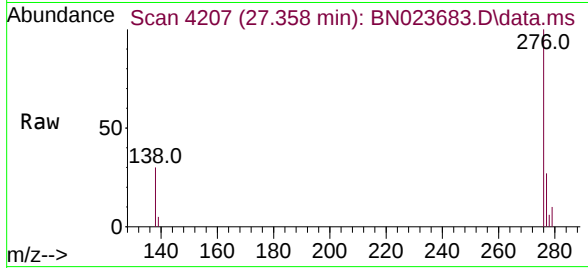
Tgt Ion:	278	Resp:	5853
Ion Ratio	Lower	Upper	
278	100		
139	23.2	16.8	25.2
279	31.7	21.5	32.3





#41
Benzo(g,h,i)perylene
Concen: 0.190 ng
RT: 27.358 min Scan# 41
Delta R.T. 0.045 min
Lab File: BN023683.D
Acq: 17 Jan 2023 15:44

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT3-2022



Tgt Ion:276 Resp: 6029
Ion Ratio Lower Upper
276 100
277 26.8 19.6 29.4
138 30.5 21.5 32.3

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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

