

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
 Data File : BN025583.D
 Acq On : 24 May 2023 10:53
 Operator : CG/JU
 Sample : 02213-02
 Misc : LOQ-SOIL-0.2ng
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Quant Time: May 25 06:08:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 23 03:22:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	4509	0.400	ng	0.00
7) Naphthalene-d8	10.878	136	12893	0.400	ng	#-0.01
13) Acenaphthene-d10	14.694	164	7275	0.400	ng	0.00
19) Phenanthrene-d10	17.435	188	16566	0.400	ng	# 0.00
29) Chrysene-d12	21.620	240	12233	0.400	ng	# 0.00
35) Perylene-d12	24.119	264	12730	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.600	112	5062	0.436	ng	0.00
5) Phenol-d6	7.210	99	6491	0.444	ng	0.00
8) Nitrobenzene-d5	9.223	82	5030	0.424	ng	-0.01
11) 2-Methylnaphthalene-d10	12.460	152	8258	0.437	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	1509	0.497	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	14046	0.445	ng	0.00
27) Fluoranthene-d10	19.456	212	17387	0.443	ng	0.00
31) Terphenyl-d14	20.044	244	12723	0.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	1083	0.208	ng	96
3) n-Nitrosodimethylamine	3.794	42	1022	0.165	ng	93
6) bis(2-Chloroethyl)ether	7.478	93	2951	0.220	ng	100
9) Naphthalene	10.931	128	7473	0.209	ng	98
10) Hexachlorobutadiene	11.219	225	1345	0.216	ng	# 99
12) 2-Methylnaphthalene	12.536	142	5169	0.204	ng	99
16) Acenaphthylene	14.416	152	7259	0.203	ng	99
17) Acenaphthene	14.758	154	4877	0.198	ng	95
18) Fluorene	15.734	166	6156	0.200	ng	99
20) 4,6-Dinitro-2-methylph...	15.796	198	664	0.151	ng	# 40
21) 4-Bromophenyl-phenylether	16.628	248	1935	0.197	ng	# 91
22) Hexachlorobenzene	16.740	284	1821	0.208	ng	99
23) Atrazine	16.876	200	1527	0.177	ng	# 92
24) Pentachlorophenol	17.087	266	749	0.152	ng	99
25) Phenanthrene	17.472	178	10494	0.197	ng	99
26) Anthracene	17.559	178	9507	0.196	ng	99
28) Fluoranthene	19.485	202	11541	0.196	ng	100
30) Pyrene	19.848	202	11517	0.208	ng	100
32) Benzo(a)anthracene	21.602	228	9993	0.206	ng	99
33) Chrysene	21.656	228	10435	0.208	ng	100
34) Bis(2-ethylhexyl)phtha...	21.513	149	6292	0.209	ng	100
36) Indeno(1,2,3-cd)pyrene	26.732	276	11302	0.194	ng	98
37) Benzo(b)fluoranthene	23.350	252	10385m	0.203	ng	
38) Benzo(k)fluoranthene	23.399	252	10320	0.198	ng	97
39) Benzo(a)pyrene	24.005	252	9446	0.200	ng	# 87
40) Dibenzo(a,h)anthracene	26.750	278	8891	0.188	ng	96
41) Benzo(g,h,i)perylene	27.539	276	9269	0.187	ng	97

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

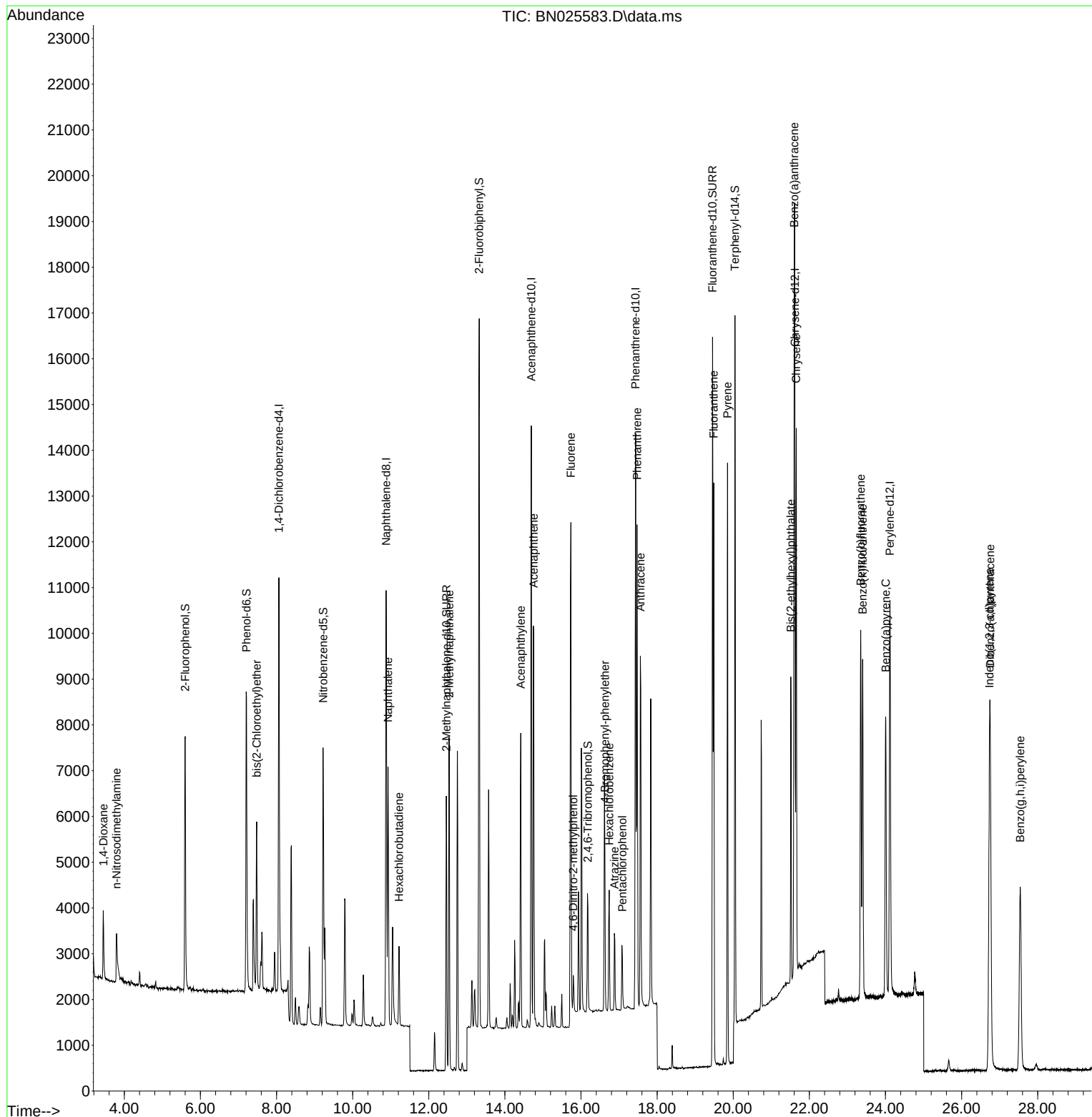
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
Data File : BN025583.D
Acq On : 24 May 2023 10:53
Operator : CG/JU
Sample : 02213-02
Misc : LOQ-SOIL-0.2ng
ALS Vial : 4 Sample Multiplier: 1

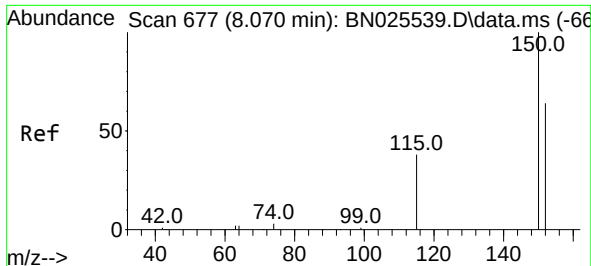
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Quant Time: May 25 06:08:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
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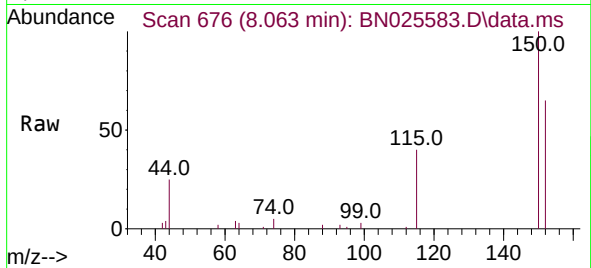
Reviewed By : Christian Giraldo 05/25/2023
Supervised By : Jagrut Upadhyay 05/25/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.063 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

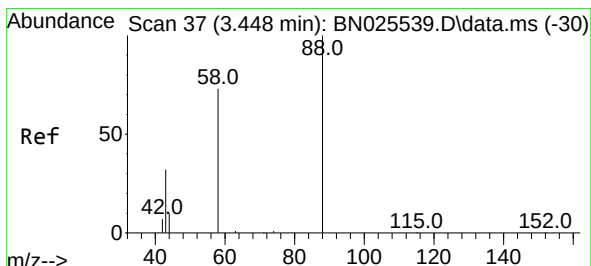
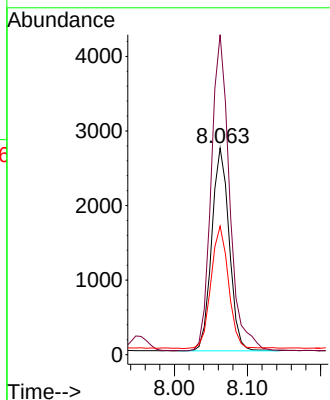
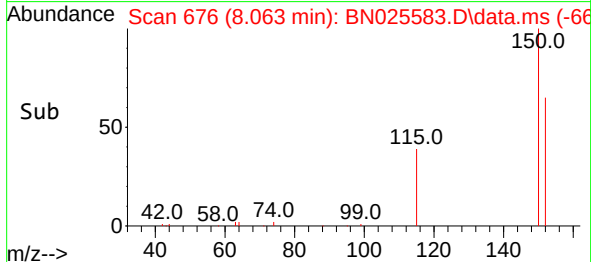
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:152 Resp: 4509
Ion Ratio Lower Upper
152 100
150 154.9 124.6 187.0
115 62.2 49.1 73.7

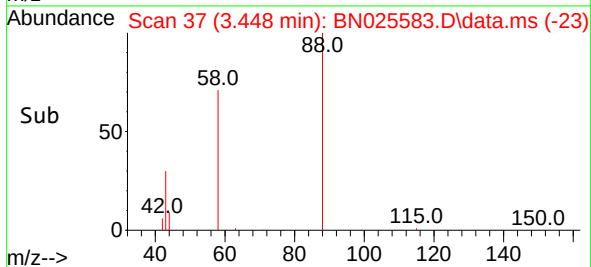
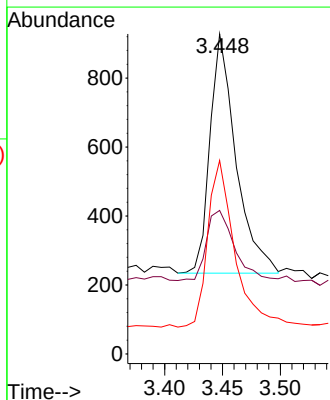
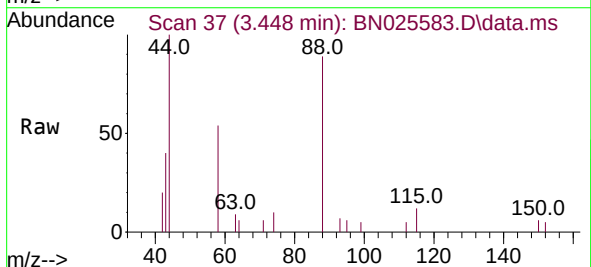
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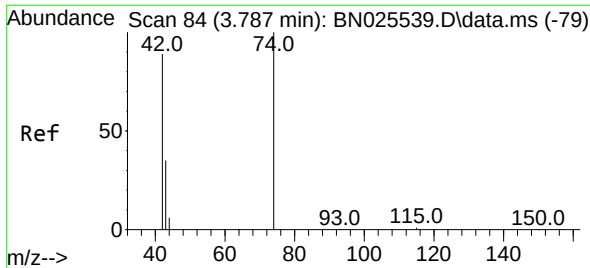
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#2
1,4-Dioxane
Concen: 0.208 ng
RT: 3.448 min Scan# 37
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

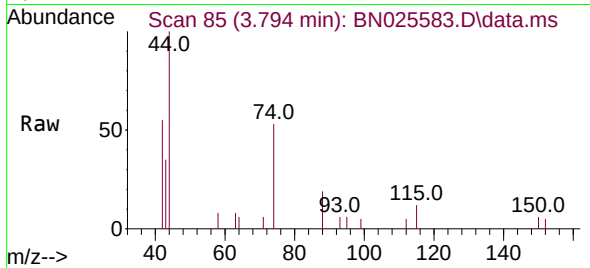
Tgt Ion: 88 Resp: 1083
Ion Ratio Lower Upper
88 100
43 31.3 25.8 38.8
58 72.1 54.9 82.3





#3
n-Nitrosodimethylamine
Concen: 0.165 ng
RT: 3.794 min Scan# 84
Delta R.T. 0.007 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

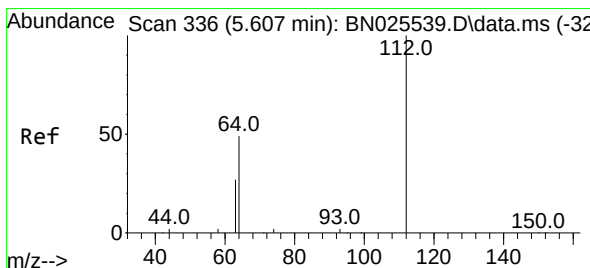
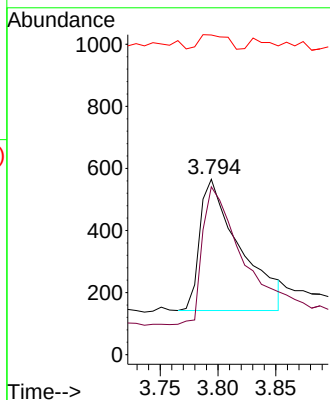
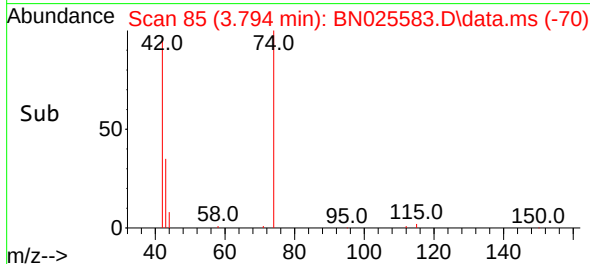
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion: 42 Resp: 102
Ion Ratio Lower Upper
42 100
74 104.7 89.7 134.5
44 7.6 7.5 11.3

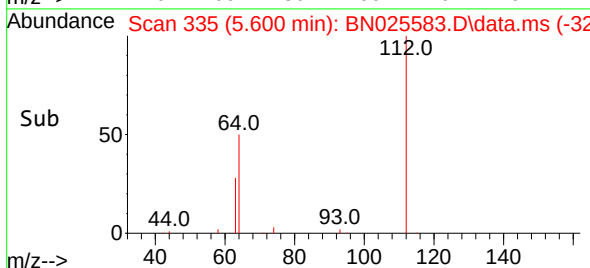
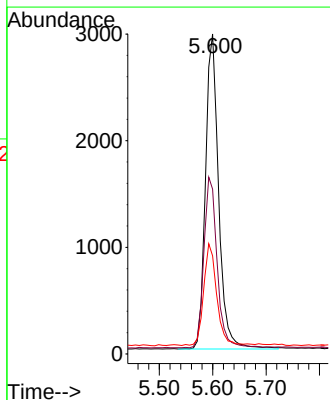
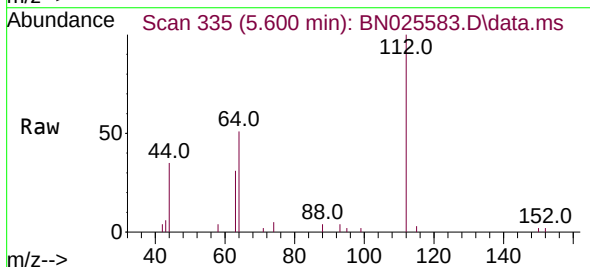
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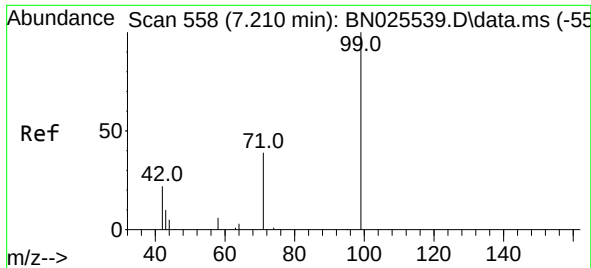
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.600 min Scan# 335
Delta R.T. -0.007 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Tgt Ion:112 Resp: 5062
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.4
63 32.3 25.4 38.2





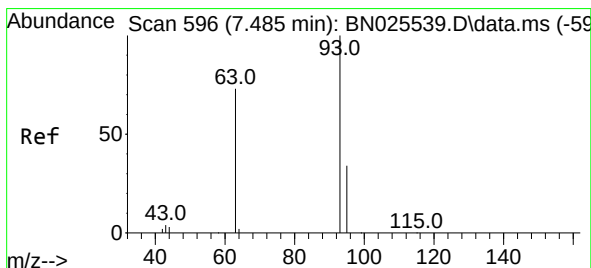
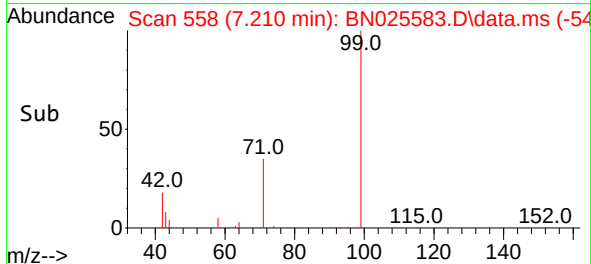
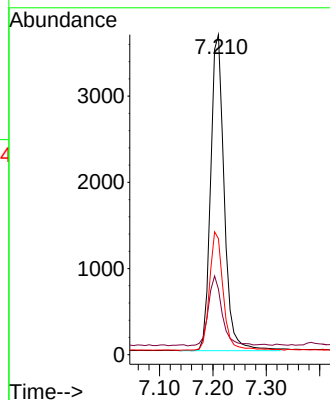
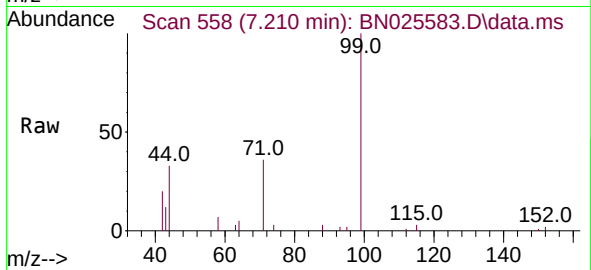
#5
Phenol-d6
Concen: 0.444 ng
RT: 7.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Tgt Ion: 99 Resp: 649
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 37.6 30.1 45.1

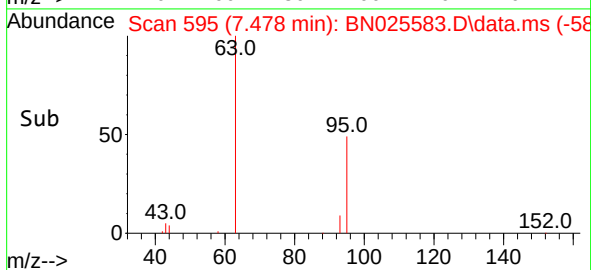
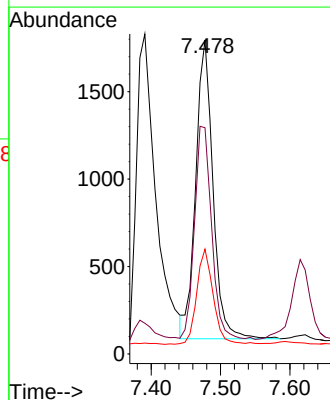
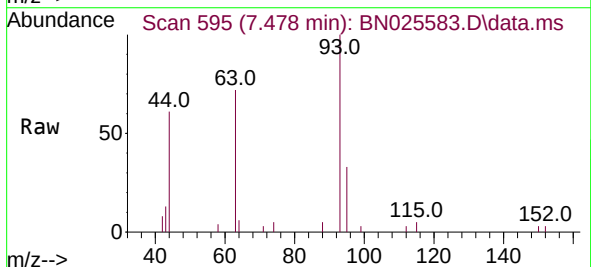
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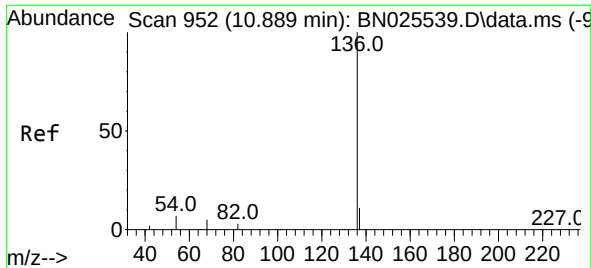
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.220 ng
RT: 7.478 min Scan# 595
Delta R.T. -0.007 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

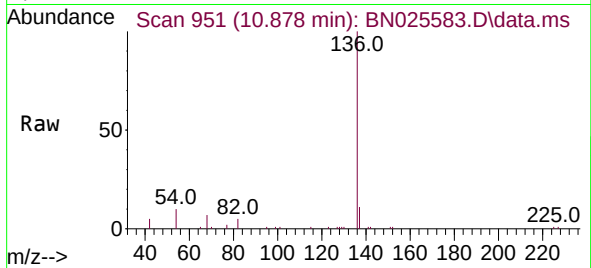
Tgt Ion: 93 Resp: 2951
Ion Ratio Lower Upper
93 100
63 71.2 56.9 85.3
95 30.5 24.9 37.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.878 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

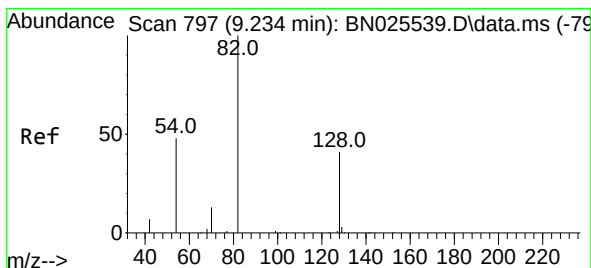
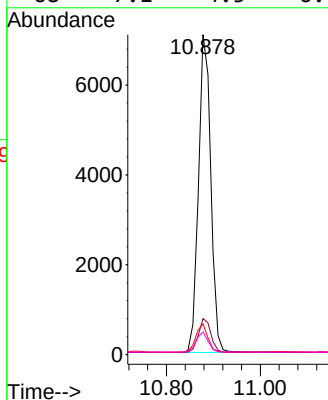
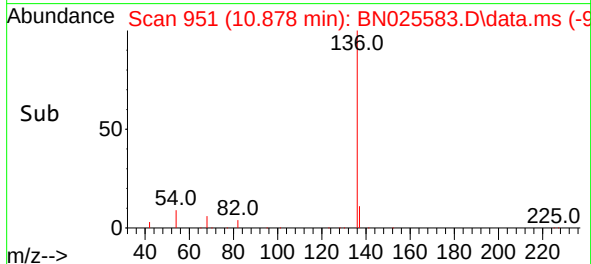
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:136 Resp: 1289
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.7 6.2 9.4
68 7.1 4.5 6.7#

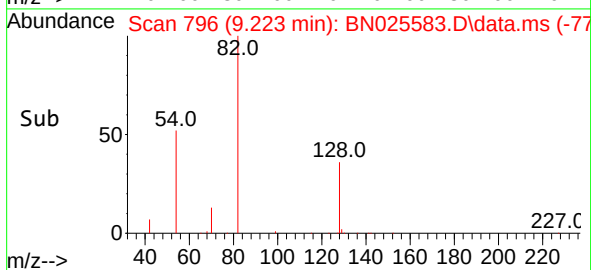
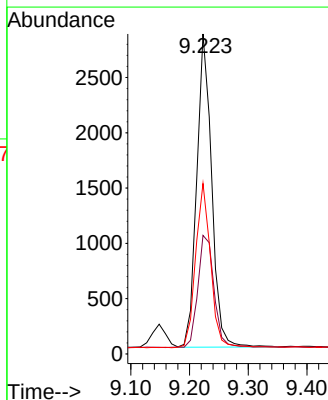
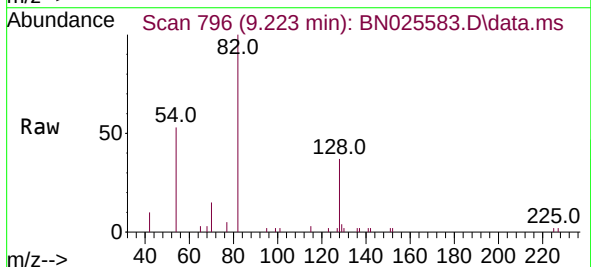
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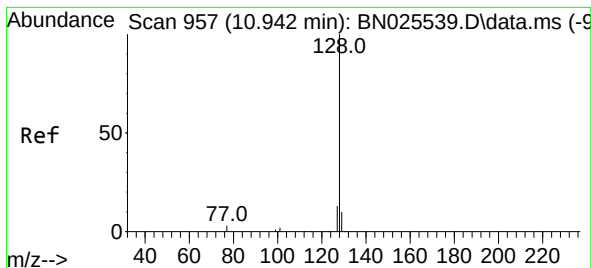
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 9.223 min Scan# 796
Delta R.T. -0.011 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Tgt Ion: 82 Resp: 5030
Ion Ratio Lower Upper
82 100
128 37.0 33.8 50.8
54 53.3 39.8 59.6





#9

Naphthalene

Concen: 0.209 ng

RT: 10.931 min Scan# 91

Delta R.T. -0.011 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA_N

ClientSampleId :

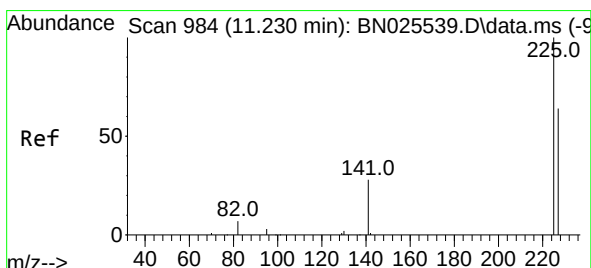
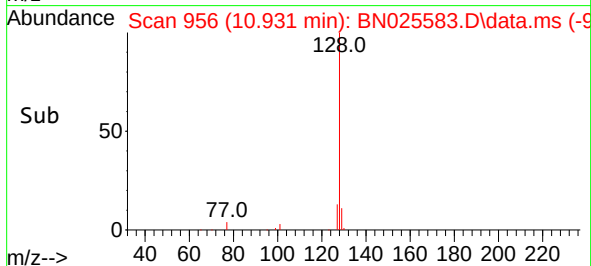
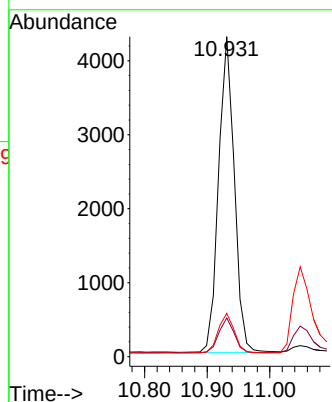
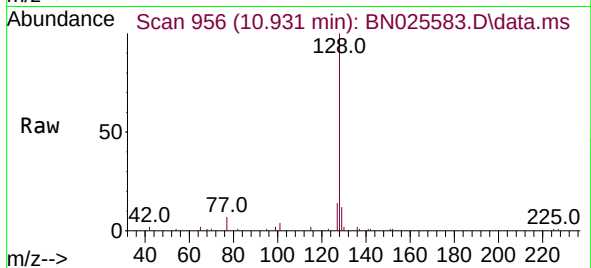
LOQ-SOIL-02-QT2-2023

Tgt Ion:	128	Resp:	747
Ion Ratio	Lower	Upper	
128	100		
129	12.1	8.8	13.2
127	13.5	10.6	15.8

Manual Integrations

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#10

Hexachlorobutadiene

Concen: 0.216 ng

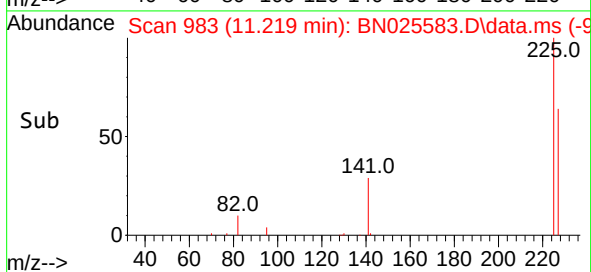
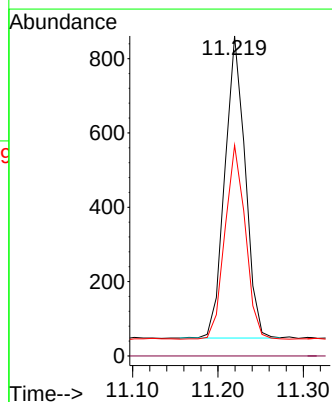
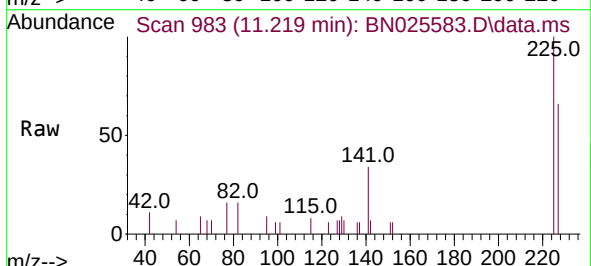
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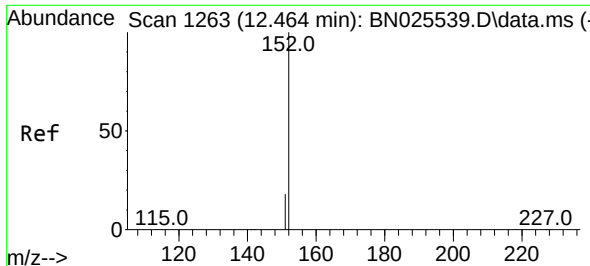
Delta R.T. -0.011 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

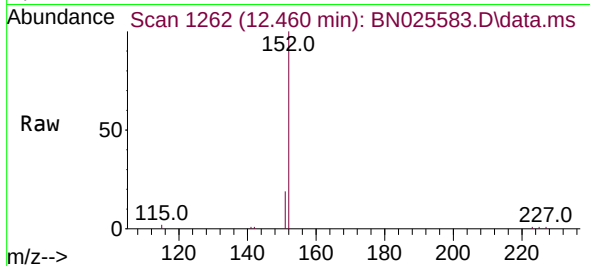
Tgt Ion:	225	Resp:	1345
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	64.5	51.0	76.6





#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.460 min Scan# 1262
Delta R.T. -0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

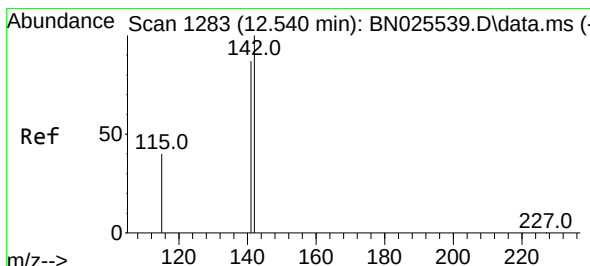
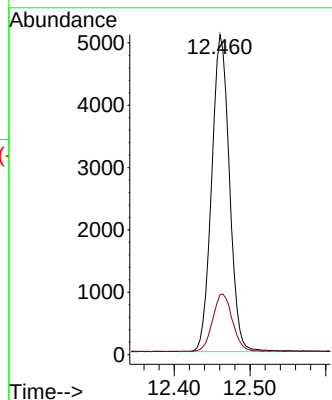
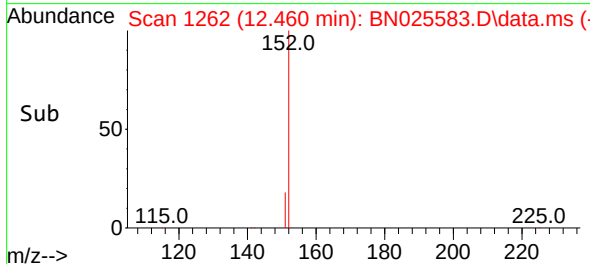
Instrument : BNA_N
ClientSampleId : LOQ-SOIL-02-QT2-2023



Tgt Ion:152 Resp: 8258
Ion Ratio Lower Upper
152 100
151 20.1 16.7 25.1

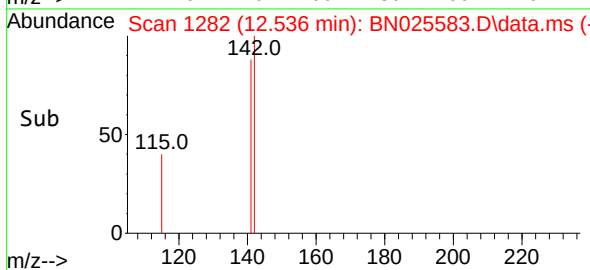
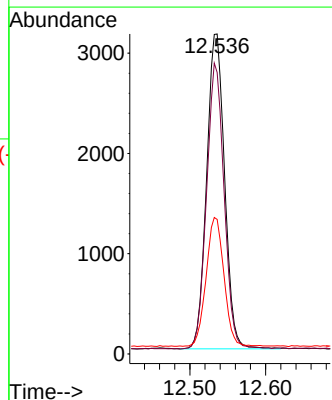
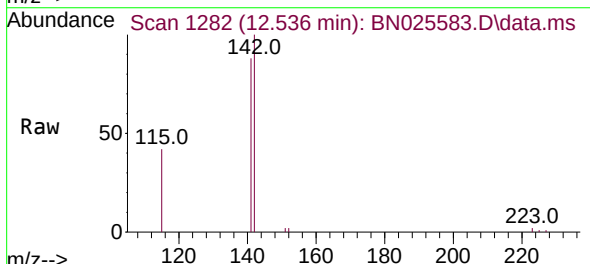
Manual Integrations
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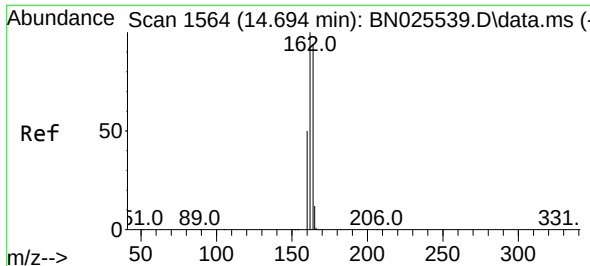
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#12
2-Methylnaphthalene
Concen: 0.204 ng
RT: 12.536 min Scan# 1282
Delta R.T. -0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

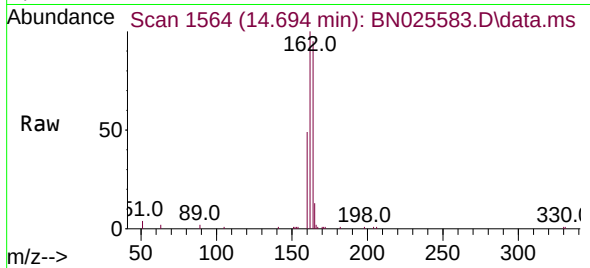
Tgt Ion:142 Resp: 5169
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1
115 42.0 32.8 49.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

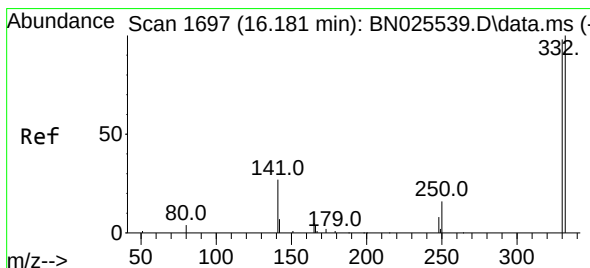
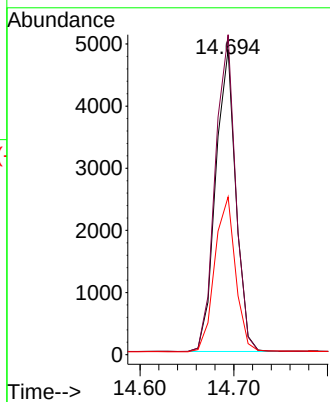
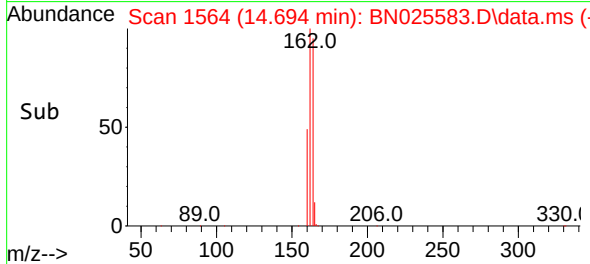
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



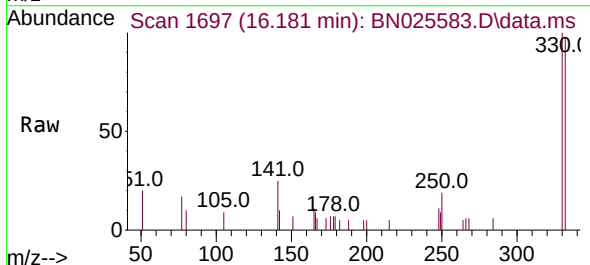
Tgt Ion:164 Resp: 727
Ion Ratio Lower Upper
164 100
162 104.9 85.5 128.3
160 51.7 42.9 64.3

Manual Integrations
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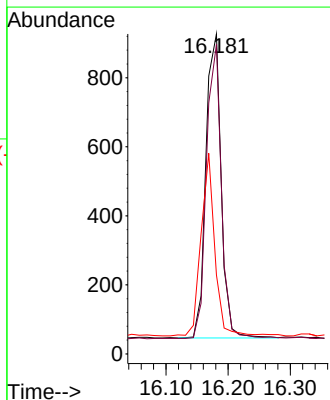
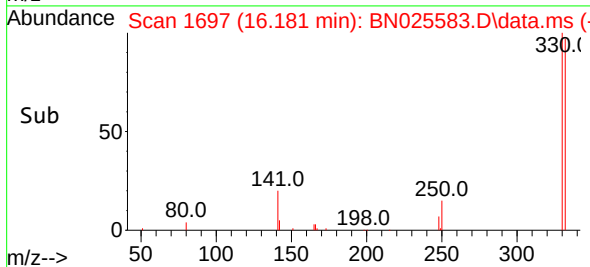
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

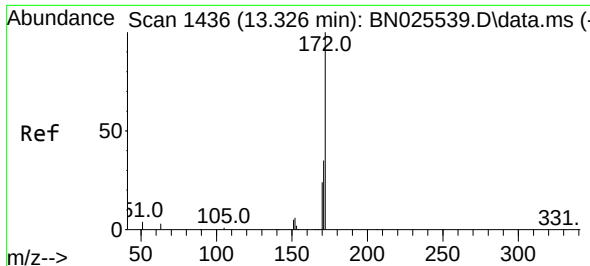


#14
2,4,6-Tribromophenol
Concen: 0.497 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53



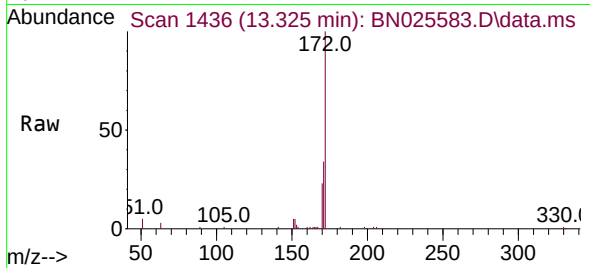
Tgt Ion:330 Resp: 1509
Ion Ratio Lower Upper
330 100
332 94.0 76.7 115.1
141 54.3 43.0 64.6





#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.325 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

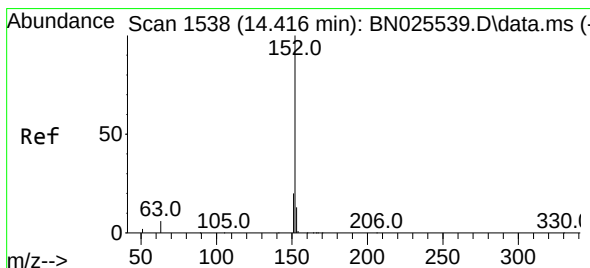
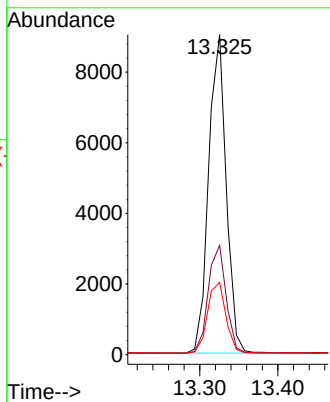
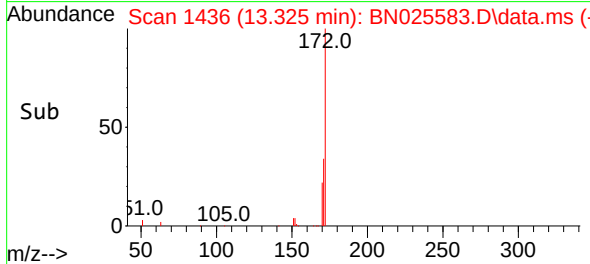
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:172 Resp: 14040
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.6 19.3 28.9

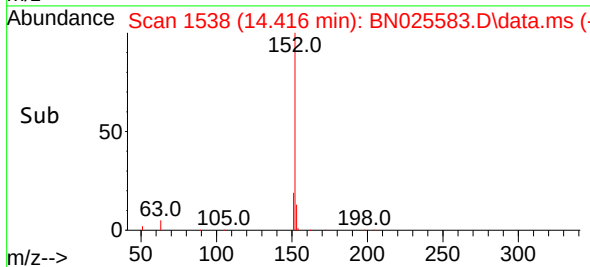
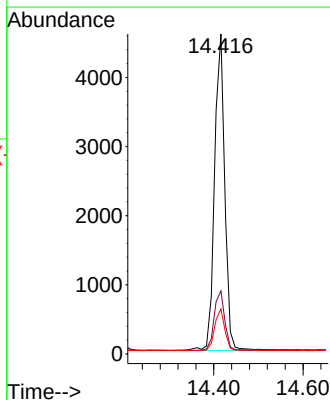
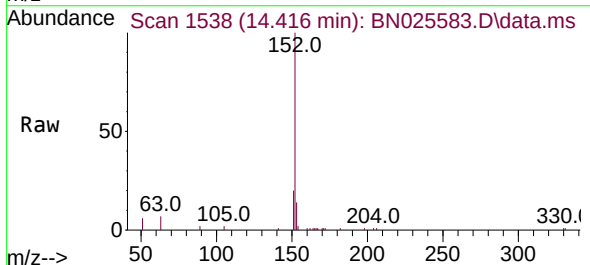
Manual Integrations
APPROVED

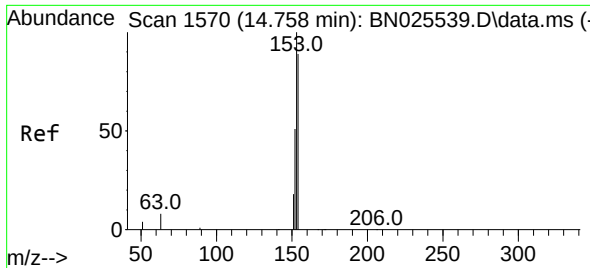
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#16
Acenaphthylene
Concen: 0.203 ng
RT: 14.416 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

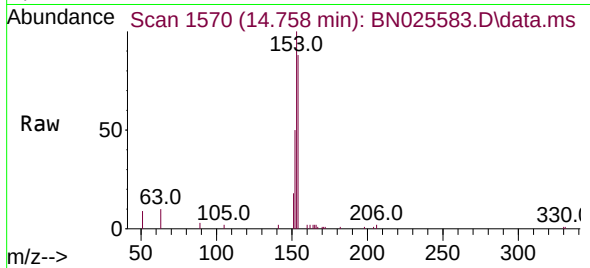
Tgt Ion:152 Resp: 7259
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 13.2 10.4 15.6





#17
Acenaphthene
Concen: 0.198 ng
RT: 14.758 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

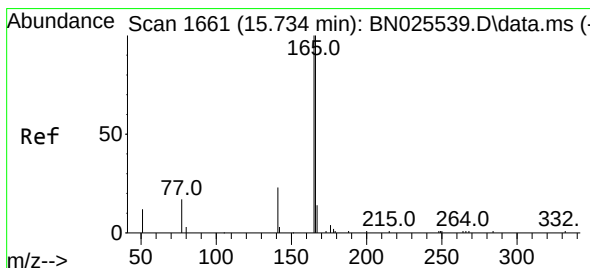
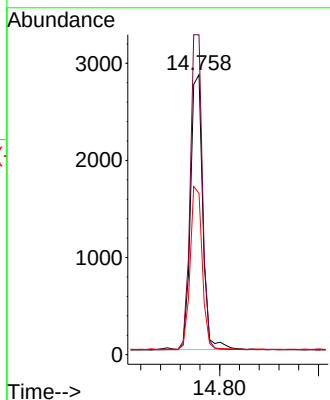
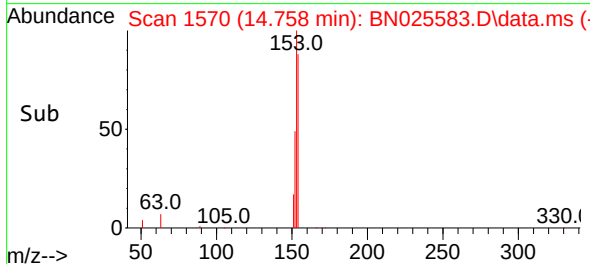
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:154 Resp: 487
Ion Ratio Lower Upper
154 100
153 113.2 85.4 128.2
152 57.9 44.3 66.5

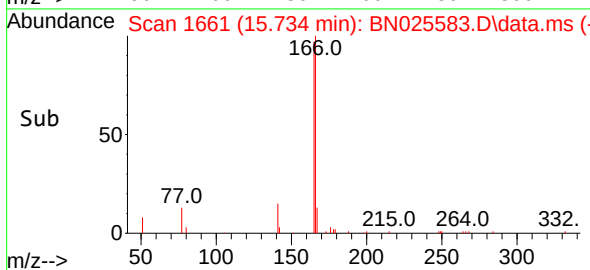
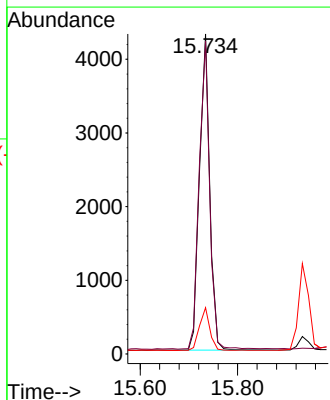
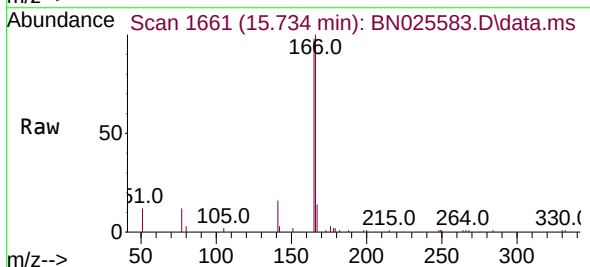
Manual Integrations
APPROVED

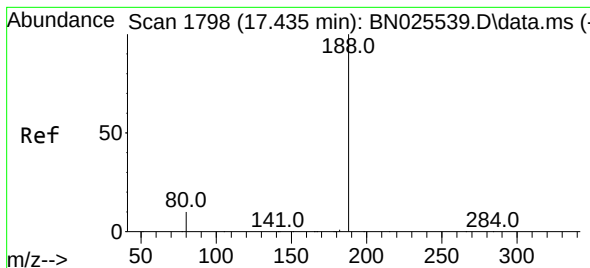
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#18
Fluorene
Concen: 0.200 ng
RT: 15.734 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

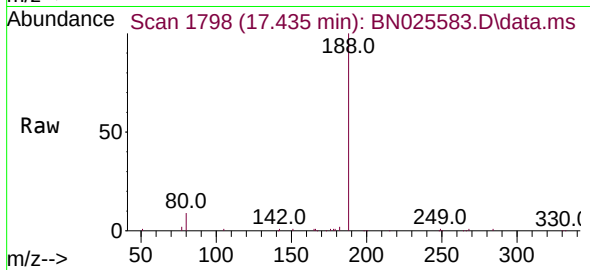
Tgt Ion:166 Resp: 6156
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 13.4 10.8 16.2





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.435 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

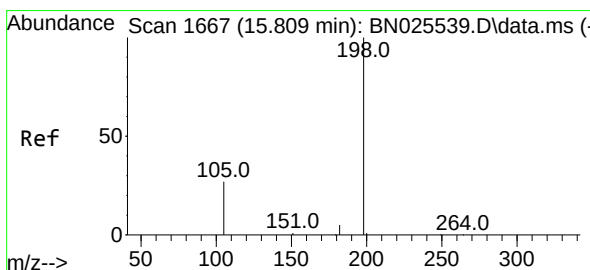
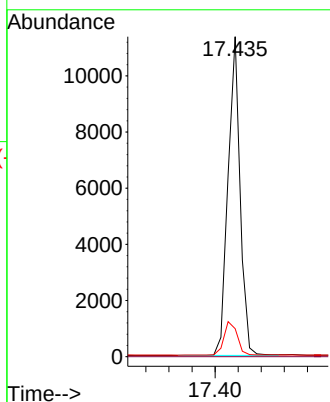
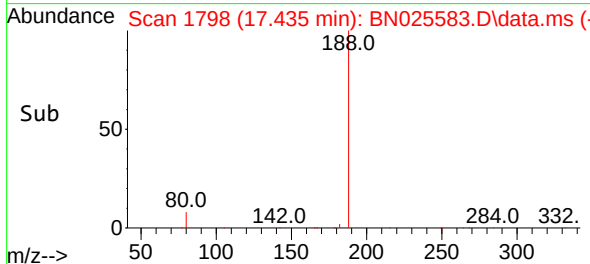
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



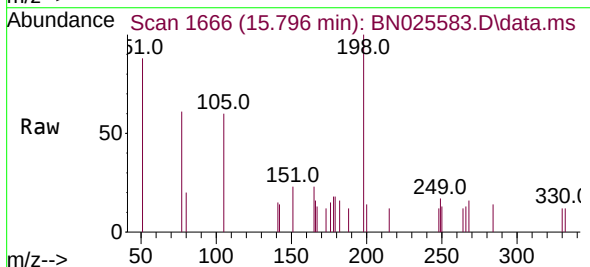
Tgt Ion:188 Resp: 1656
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 8.8 13.2

Manual Integrations
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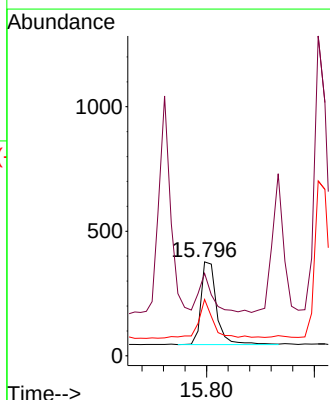
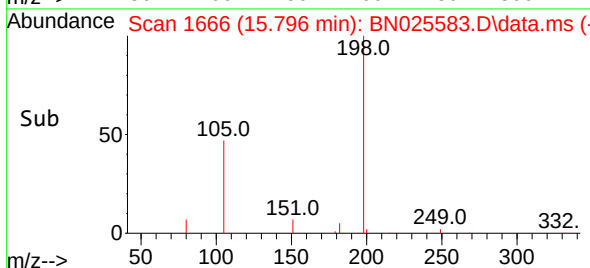
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

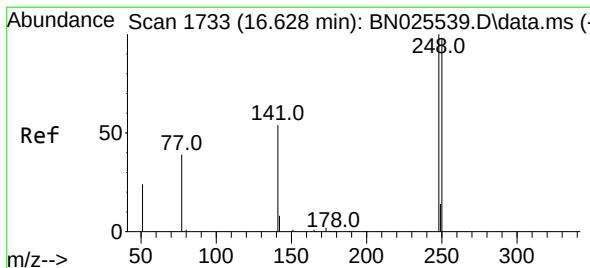


#20
4,6-Dinitro-2-methylphenol
Concen: 0.151 ng
RT: 15.796 min Scan# 1666
Delta R.T. -0.013 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53



Tgt Ion:198 Resp: 664
Ion Ratio Lower Upper
198 100
51 87.8 31.7 47.5#
105 59.9 29.2 43.8#





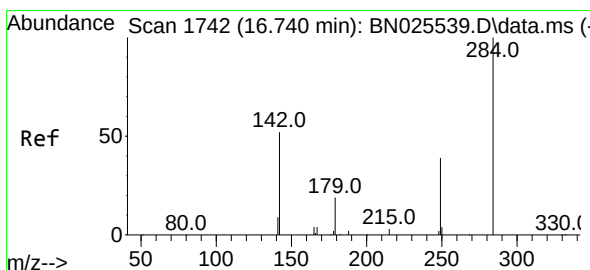
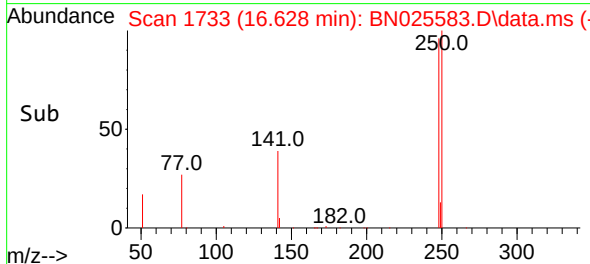
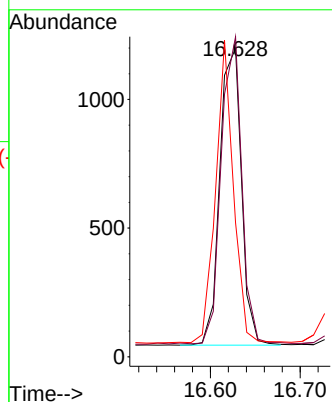
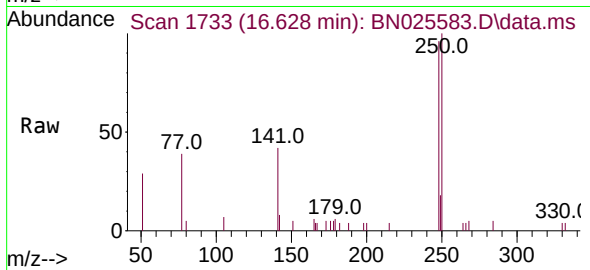
#21
4-Bromophenyl-phenylether
Concen: 0.197 ng
RT: 16.628 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Tgt Ion:248 Resp: 193
Ion Ratio Lower Upper
248 100
250 103.8 78.9 118.3
141 43.5 43.9 65.9

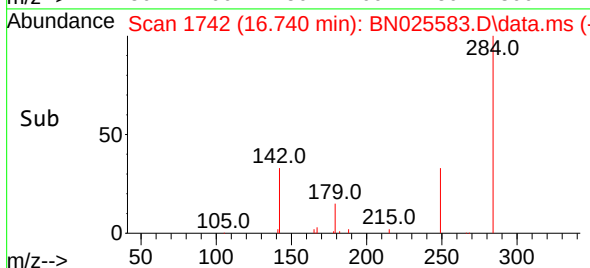
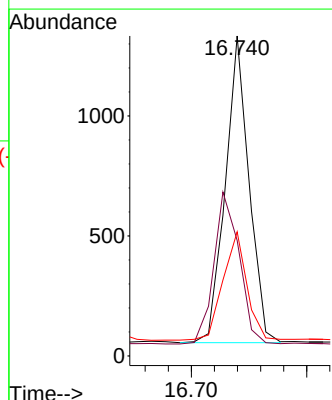
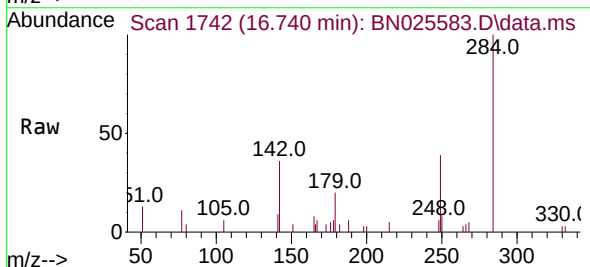
Manual Integrations
APPROVED

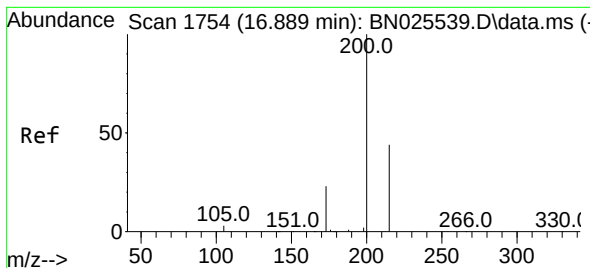
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#22
Hexachlorobenzene
Concen: 0.208 ng
RT: 16.740 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Tgt Ion:284 Resp: 1821
Ion Ratio Lower Upper
284 100
142 52.8 41.6 62.4
249 35.3 28.3 42.5





#23

Atrazine

Concen: 0.177 ng

RT: 16.876 min Scan# 1753

Delta R.T. -0.012 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

Instrument :

BNA_N

ClientSampleId :

LOQ-SOIL-02-QT2-2023

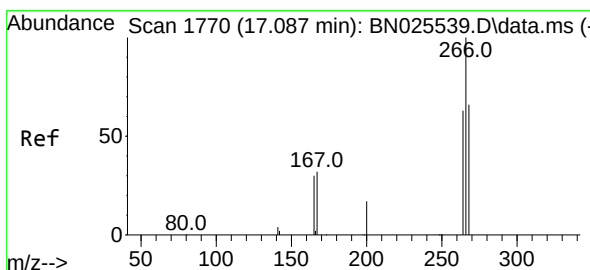
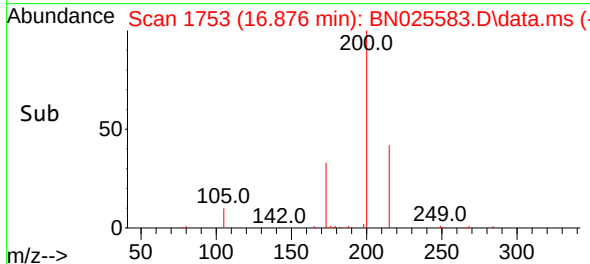
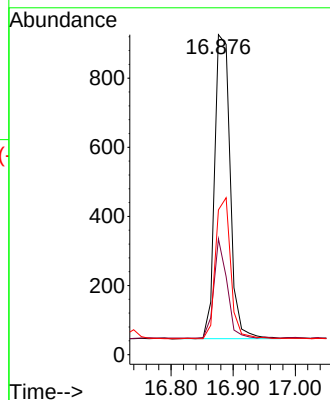
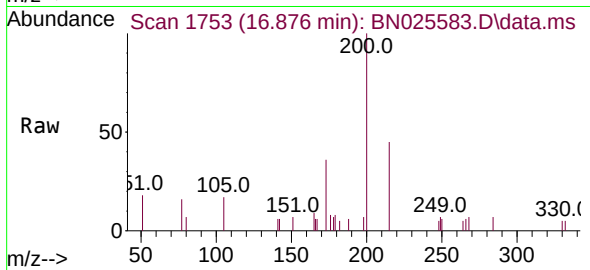
Tgt Ion:	200	Resp:	152
Ion Ratio	Lower	Upper	
200	100		
173	36.2	20.2	30.4
215	45.2	35.8	53.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/25/2023

Supervised By :Jagrut Upadhyay 05/25/2023



#24

Pentachlorophenol

Concen: 0.152 ng

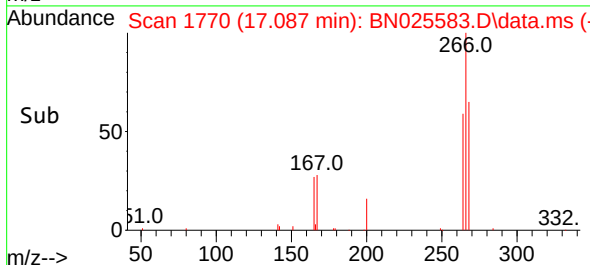
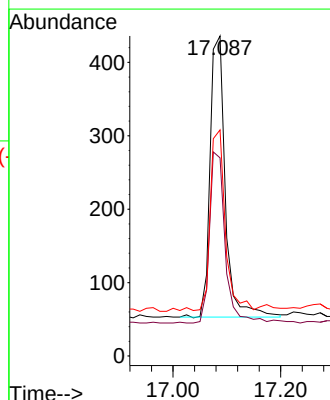
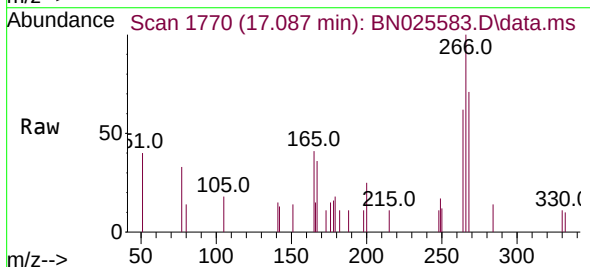
RT: 17.087 min Scan# 1770

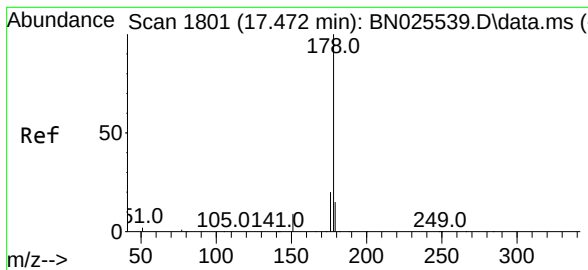
Delta R.T. -0.000 min

Lab File: BN025583.D

Acq: 24 May 2023 10:53

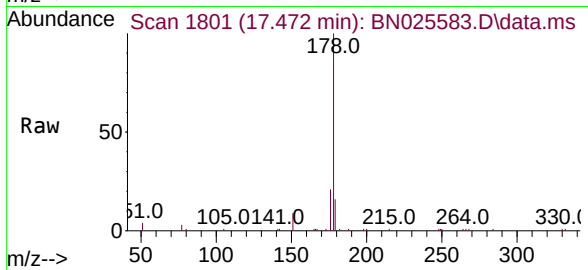
Tgt Ion:	266	Resp:	749
Ion Ratio	Lower	Upper	
266	100		
264	63.2	51.3	76.9
268	62.9	51.2	76.8





#25
Phenanthrene
Concen: 0.197 ng
RT: 17.472 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

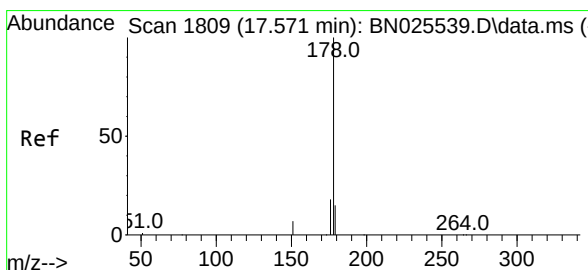
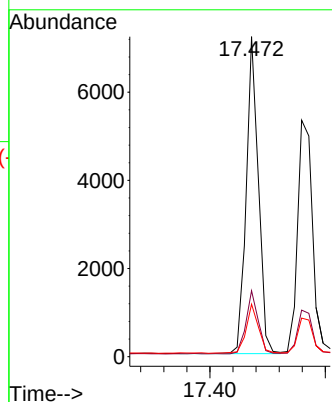
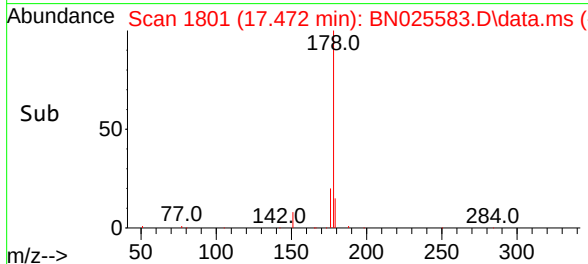
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



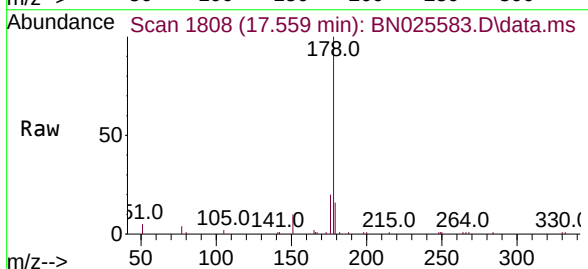
Tgt Ion:178 Resp: 10494
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.5 18.7

Manual Integrations
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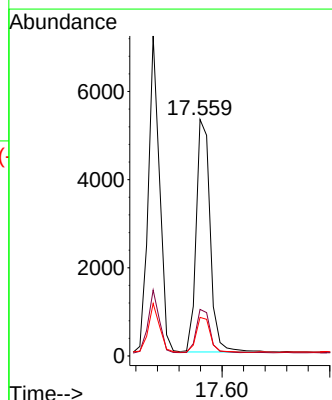
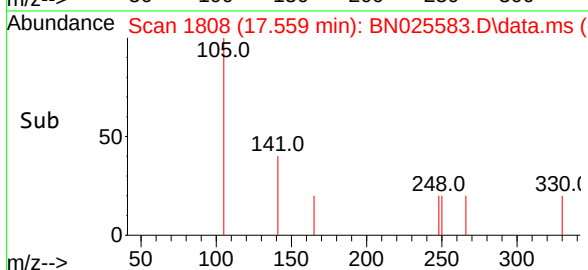
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

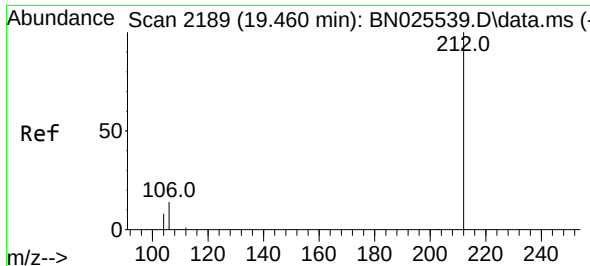


#26
Anthracene
Concen: 0.196 ng
RT: 17.559 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53



Tgt Ion:178 Resp: 9507
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.0 12.3 18.5





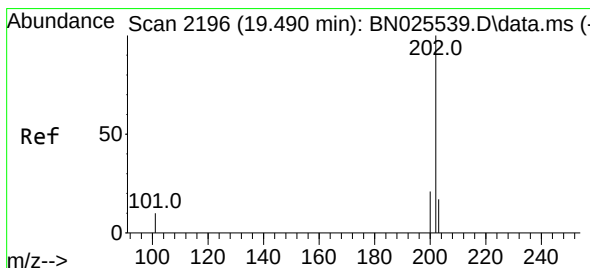
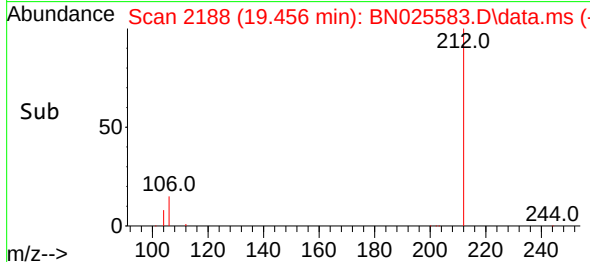
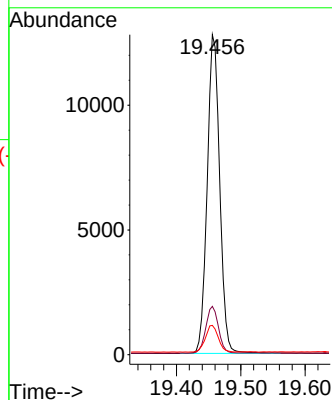
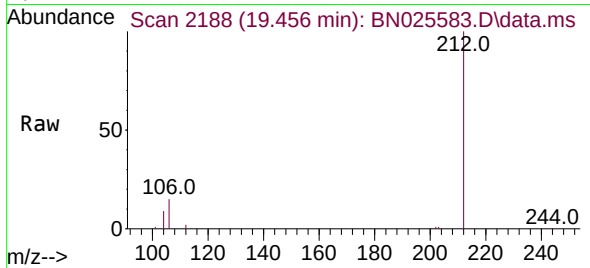
#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.456 min Scan# 2188
Delta R.T. -0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023

Tgt Ion:212 Resp: 1738
Ion Ratio Lower Upper
212 100
106 14.9 11.4 17.2
104 8.7 6.8 10.2

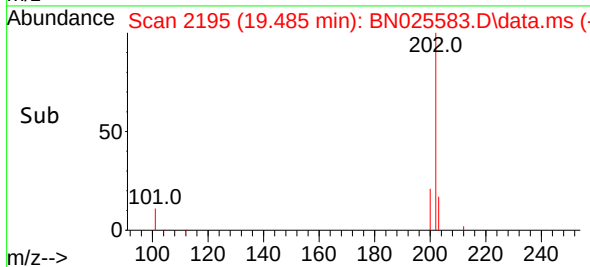
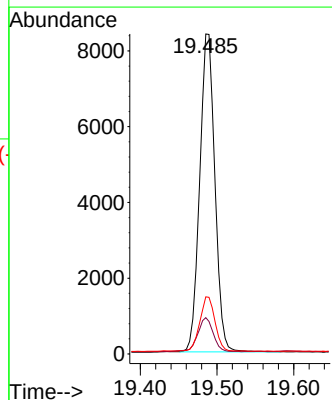
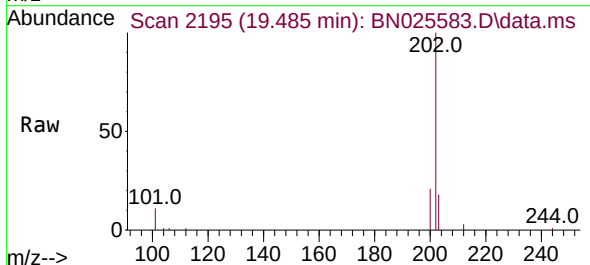
Manual Integrations
APPROVED

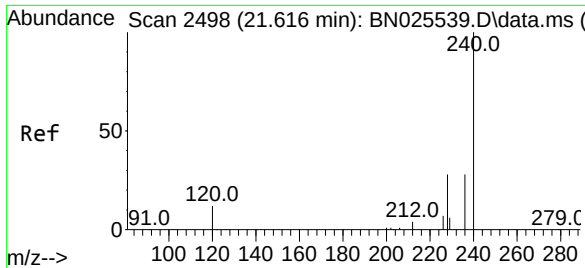
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#28
Fluoranthene
Concen: 0.196 ng
RT: 19.485 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

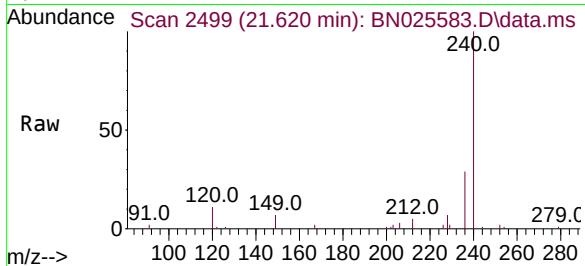
Tgt Ion:202 Resp: 11541
Ion Ratio Lower Upper
202 100
101 10.9 8.6 12.8
203 17.2 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.620 min Scan# 2499
Delta R.T. 0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

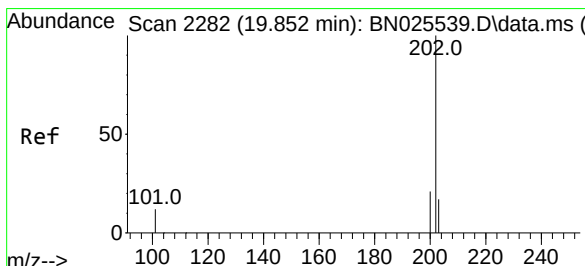
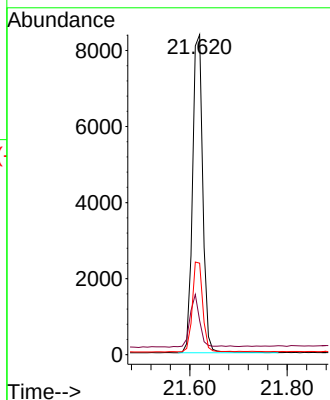
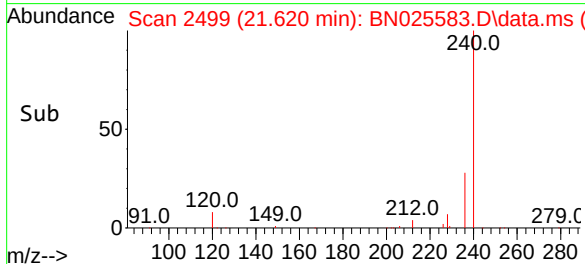
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



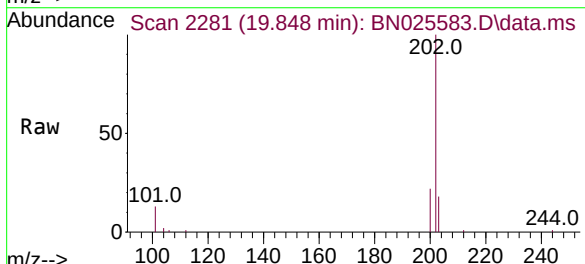
Tgt Ion:240 Resp: 1223
Ion Ratio Lower Upper
240 100
120 10.6 11.7 17.5
236 28.6 23.0 34.6

Manual Integrations
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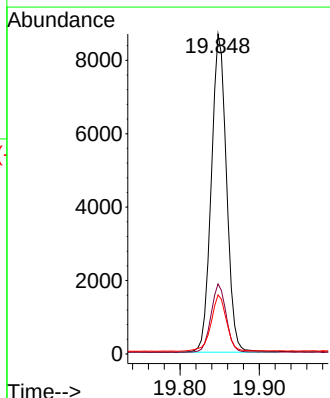
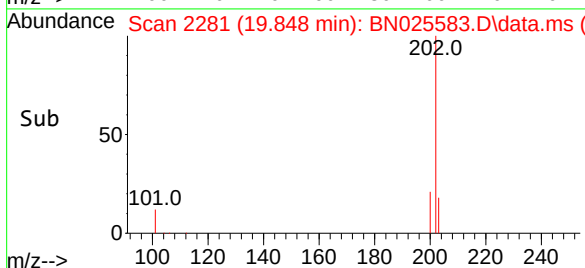
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

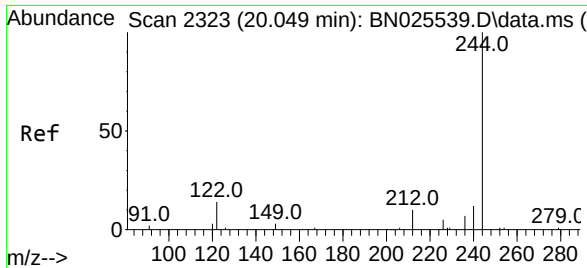


#30
Pyrene
Concen: 0.208 ng
RT: 19.848 min Scan# 2281
Delta R.T. -0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53



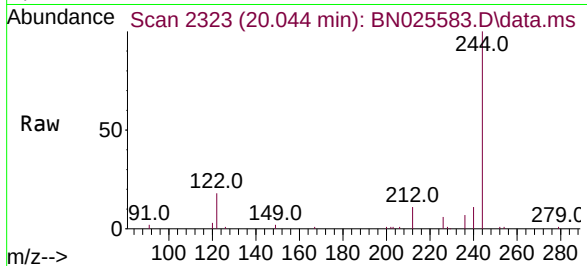
Tgt Ion:202 Resp: 11517
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.9 14.3 21.5





#31
 Terphenyl-d14
 Concen: 0.502 ng
 RT: 20.044 min Scan# 2122
 Delta R.T. -0.005 min
 Lab File: BN025583.D
 Acq: 24 May 2023 10:53

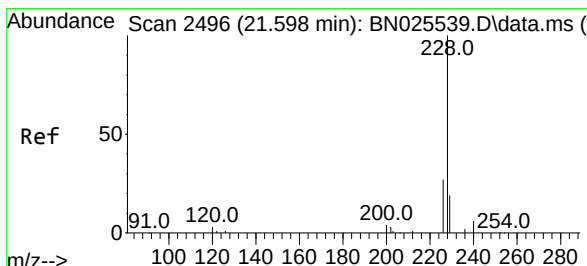
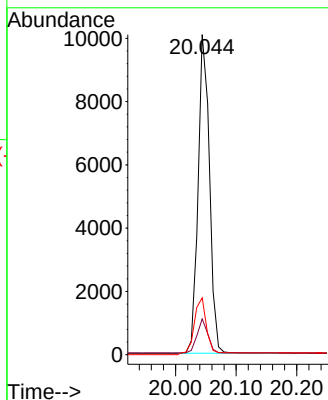
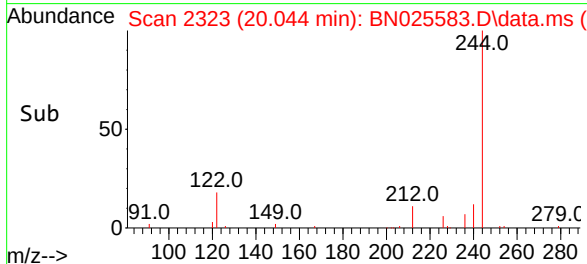
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023



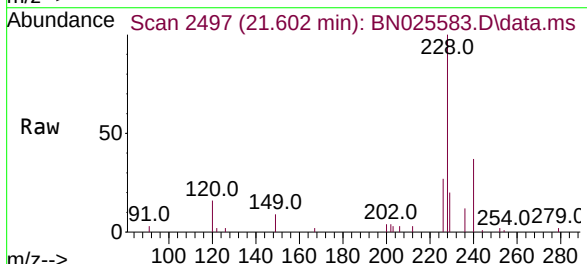
Tgt Ion:244 Resp: 1272
 Ion Ratio Lower Upper
 244 100
 212 11.2 8.4 12.6
 122 17.8 11.4 17.0

Manual Integrations
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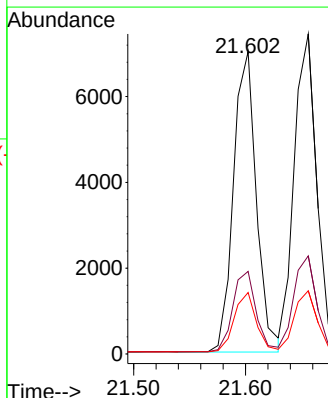
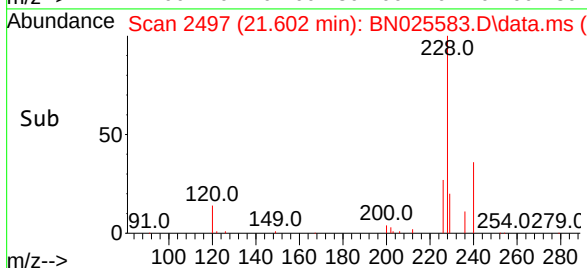
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023

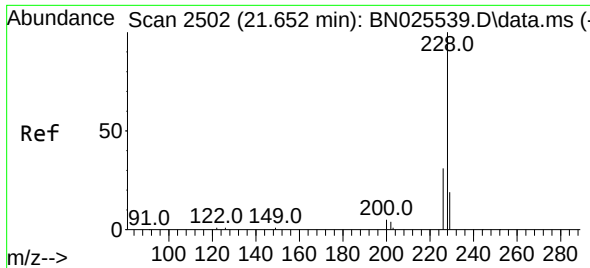


#32
 Benzo(a)anthracene
 Concen: 0.206 ng
 RT: 21.602 min Scan# 2497
 Delta R.T. 0.004 min
 Lab File: BN025583.D
 Acq: 24 May 2023 10:53



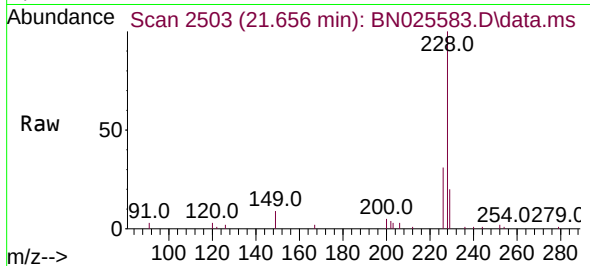
Tgt Ion:228 Resp: 9993
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.9 32.9
 229 20.3 15.4 23.2





#33
Chrysene
Concen: 0.208 ng
RT: 21.656 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

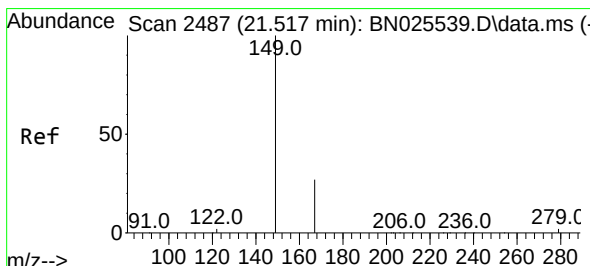
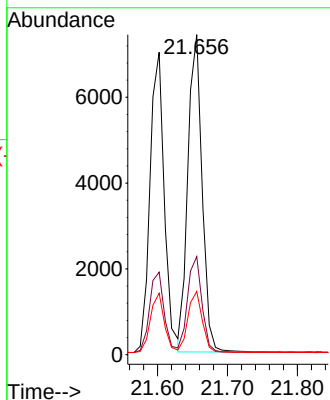
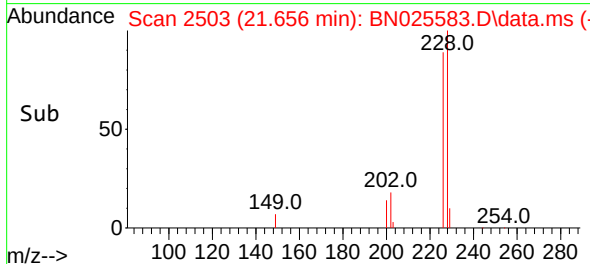
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:228 Resp: 1043
Ion Ratio Lower Upper
228 100
226 30.7 24.7 37.1
229 19.7 15.7 23.5

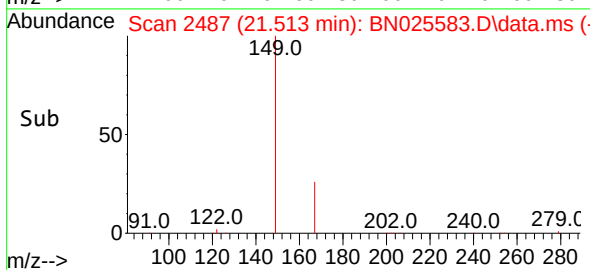
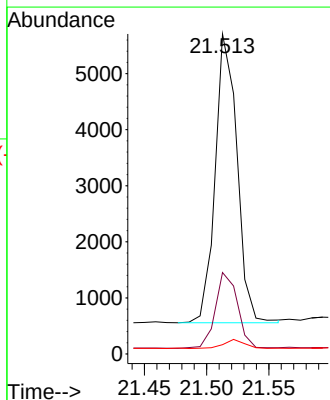
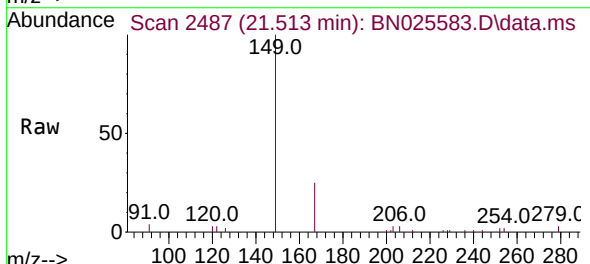
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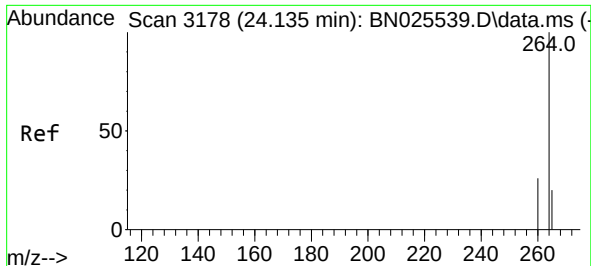
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.209 ng
RT: 21.513 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

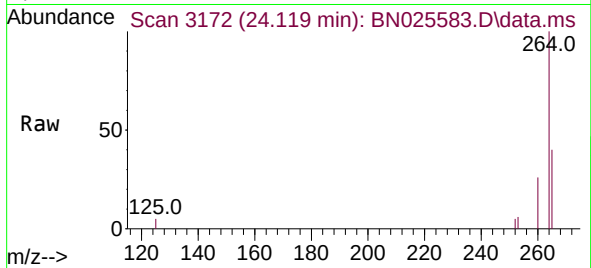
Tgt Ion:149 Resp: 6292
Ion Ratio Lower Upper
149 100
167 26.7 21.5 32.3
279 3.2 2.6 4.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.119 min Scan# 3172
 Delta R.T. -0.016 min
 Lab File: BN025583.D
 Acq: 24 May 2023 10:53

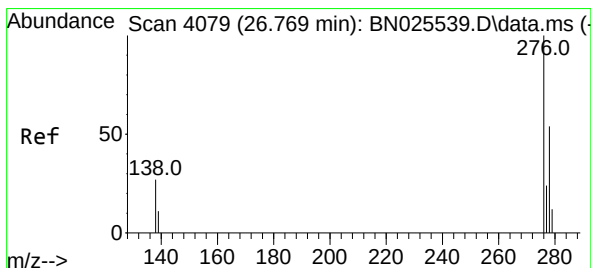
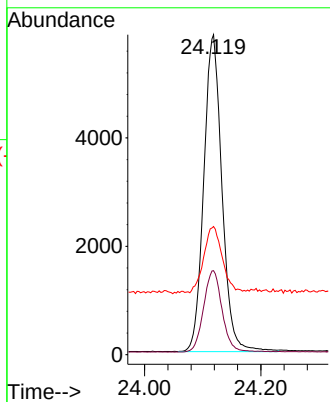
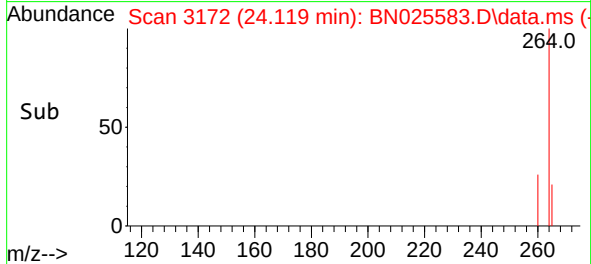
Instrument :
 BNA_N
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023



Tgt Ion:264 Resp: 12730
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.1 31.7
 265 40.1 35.5 53.3

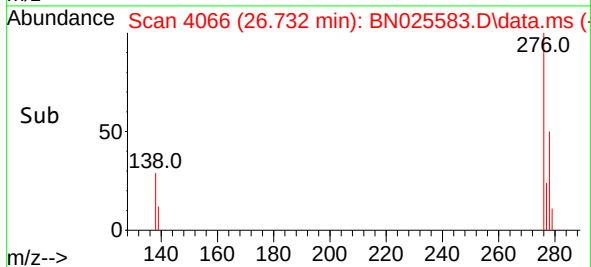
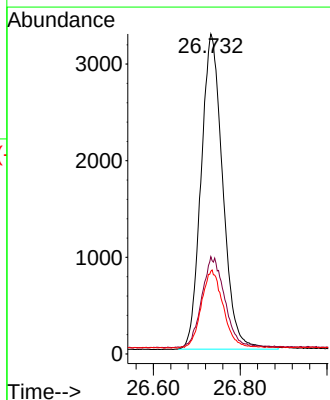
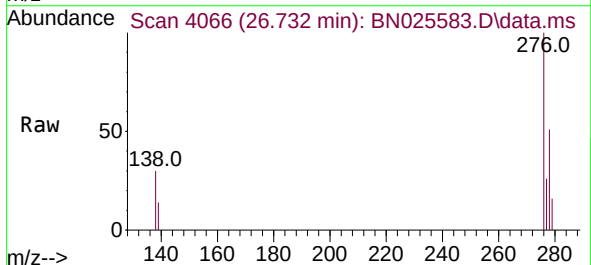
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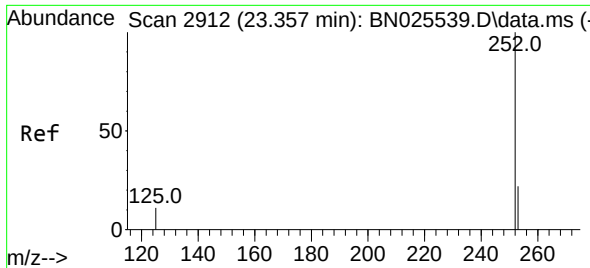
Reviewed By :Christian Giraldo 05/25/2023
 Supervised By :Jagrut Upadhyay 05/25/2023



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.194 ng
 RT: 26.732 min Scan# 4066
 Delta R.T. -0.037 min
 Lab File: BN025583.D
 Acq: 24 May 2023 10:53

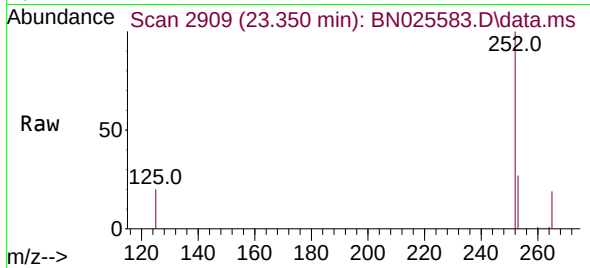
Tgt Ion:276 Resp: 11302
 Ion Ratio Lower Upper
 276 100
 138 30.2 22.8 34.2
 277 24.9 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.203 ng m
RT: 23.350 min Scan# 2912
Delta R.T. -0.008 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

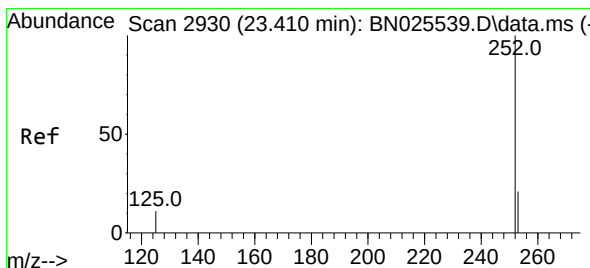
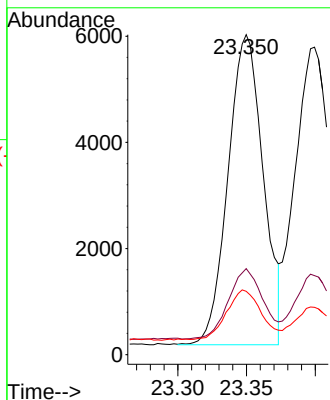
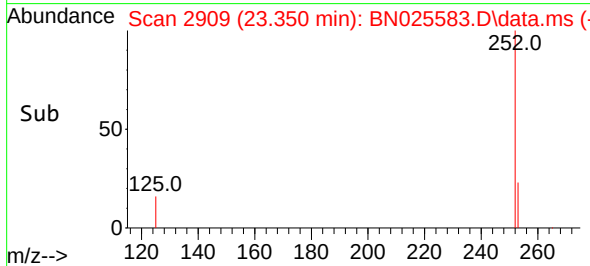
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:252 Resp: 10385
Ion Ratio Lower Upper
252 100
253 26.9 19.7 29.5
125 19.8 11.3 16.9

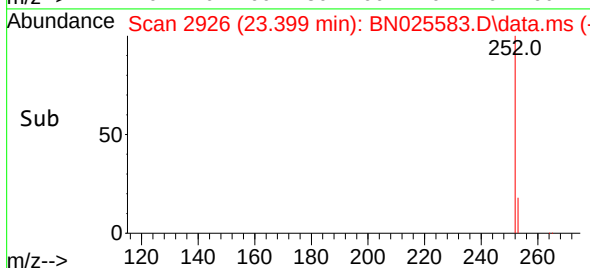
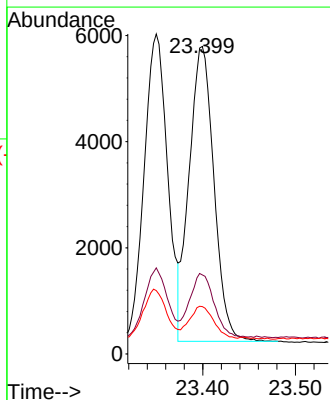
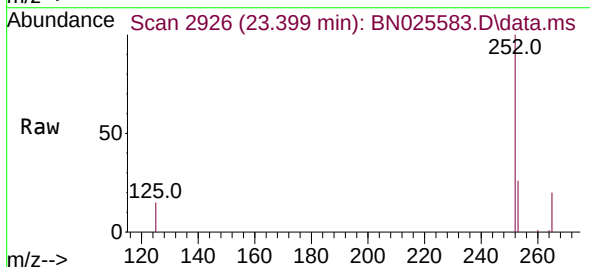
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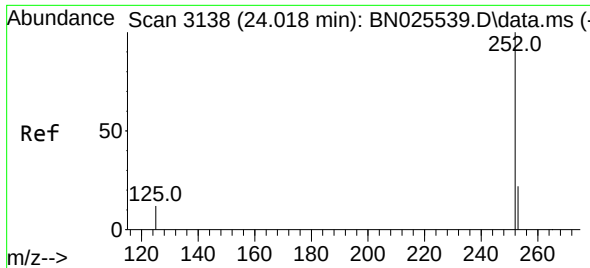
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#38
Benzo(k)fluoranthene
Concen: 0.198 ng
RT: 23.399 min Scan# 2926
Delta R.T. -0.010 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

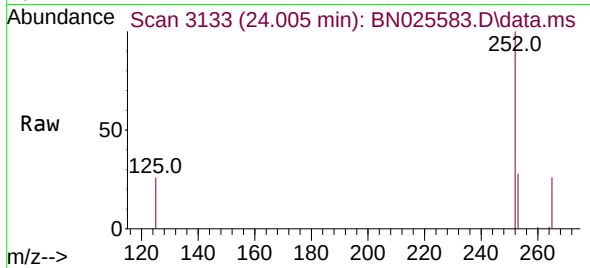
Tgt Ion:252 Resp: 10320
Ion Ratio Lower Upper
252 100
253 25.7 19.4 29.2
125 15.4 10.9 16.3





#39
Benzo(a)pyrene
Concen: 0.200 ng
RT: 24.005 min Scan# 3138
Delta R.T. -0.013 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

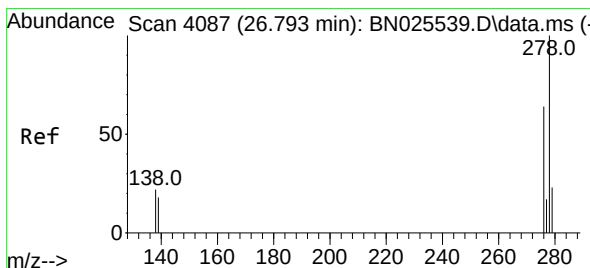
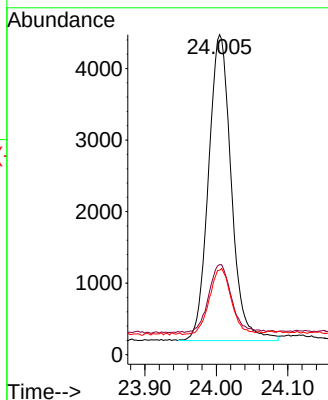
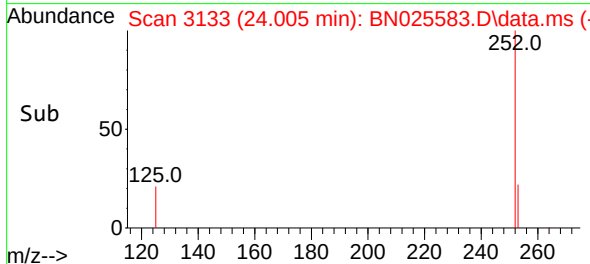
Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:252 Resp: 9440
Ion Ratio Lower Upper
252 100
253 28.1 20.3 30.5
125 26.4 12.7 19.1

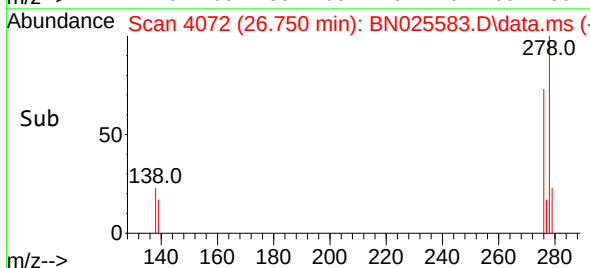
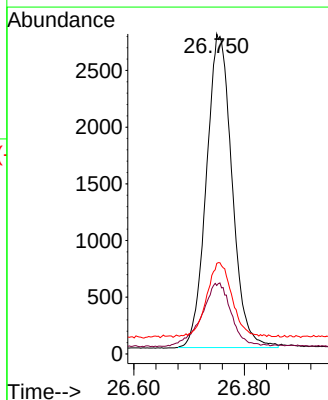
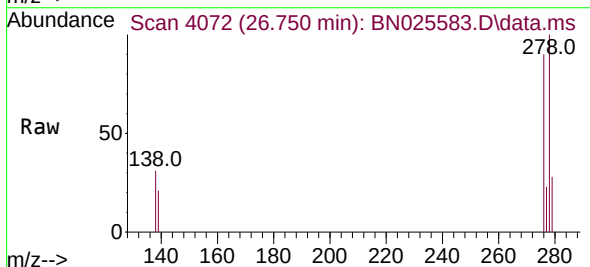
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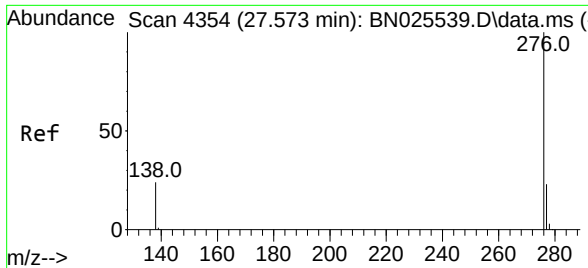
Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.188 ng
RT: 26.750 min Scan# 4072
Delta R.T. -0.043 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

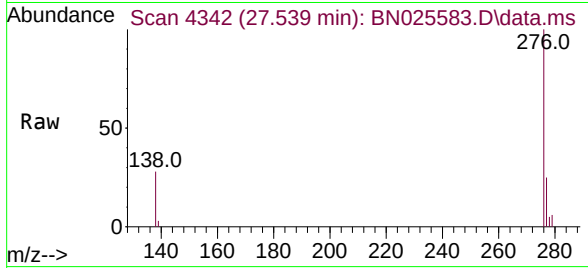
Tgt Ion:278 Resp: 8891
Ion Ratio Lower Upper
278 100
139 21.4 15.8 23.6
279 28.3 21.0 31.6





#41
Benzo(g,h,i)perylene
Concen: 0.187 ng
RT: 27.539 min Scan# 41
Delta R.T. -0.034 min
Lab File: BN025583.D
Acq: 24 May 2023 10:53

Instrument :
BNA_N
ClientSampleId :
LOQ-SOIL-02-QT2-2023



Tgt Ion:276 Resp: 9269
Ion Ratio Lower Upper
276 100
277 25.4 19.3 28.9
138 27.6 20.6 30.8

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Supervised By :Jagrut Upadhyay 05/25/2023

