

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
 Data File : BN025600.D
 Acq On : 26 May 2023 00:10
 Operator : CG/JU
 Sample : 02213-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Quant Time: May 26 02:27:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 00:32:23 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.048	152	4530	0.400	ng	0.00
7) Naphthalene-d8	10.867	136	12420	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	7179	0.400	ng	0.00
19) Phenanthrene-d10	17.422	188	13938	0.400	ng	0.00
29) Chrysene-d12	21.602	240	8740	0.400	ng	0.00
35) Perylene-d12	24.107	264	8909	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	4115	0.347	ng	0.00
5) Phenol-d6	7.203	99	4256	0.329	ng	0.00
8) Nitrobenzene-d5	9.223	82	2724	0.292	ng	0.01
11) 2-Methylnaphthalene-d10	12.453	152	8201	0.482	ng	0.00
14) 2,4,6-Tribromophenol	16.231	330	13	0.336	ng	0.05
15) 2-Fluorobiphenyl	13.315	172	9699	0.324	ng	0.00
27) Fluoranthene-d10	19.443	212	14876	0.489	ng	0.00
31) Terphenyl-d14	20.035	244	6465	0.370	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.433	88	566	0.104	ng	# 89
3) n-Nitrosodimethylamine	3.830	42	306m	0.057	ng	
6) bis(2-Chloroethyl)ether	7.470	93	985	0.015	ng	# 70
9) Naphthalene	10.921	128	3512	0.104	ng	# 92
10) Hexachlorobutadiene	11.209	225	702	0.116	ng	# 100
12) 2-Methylnaphthalene	12.525	142	2204	0.098	ng	95
16) Acenaphthylene	14.405	152	3143	0.093	ng	99
17) Acenaphthene	14.737	154	2212	0.100	ng	98
18) Fluorene	15.722	166	2693	0.099	ng	99
20) 4,6-Dinitro-2-methylph...	15.834	198	2	0.317	ng	# 1
21) 4-Bromophenyl-phenylether	16.616	248	722	0.091	ng	# 82
22) Hexachlorobenzene	16.727	284	857	0.112	ng	98
23) Atrazine	16.889	200	557	0.099	ng	# 76
24) Pentachlorophenol	17.199	266	7	0.503	ng	# 51
25) Phenanthrene	17.460	178	4276	0.100	ng	99
26) Anthracene	17.559	178	3421	0.091	ng	99
28) Fluoranthene	19.477	202	4463	0.101	ng	99
30) Pyrene	19.840	202	4513	0.104	ng	99
32) Benzo(a)anthracene	21.584	228	3037	0.093	ng	96
33) Chrysene	21.638	228	3724	0.106	ng	96
34) Bis(2-ethylhexyl)phtha...	21.495	149	2129	0.100	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.741	276	3785	0.100	ng	# 65
37) Benzo(b)fluoranthene	23.341	252	3402	0.101	ng	# 59
38) Benzo(k)fluoranthene	23.388	252	3268	0.095	ng	# 52
39) Benzo(a)pyrene	23.993	252	2949	0.091	ng	# 32
40) Dibenzo(a,h)anthracene	26.773	278	2779	0.093	ng	# 50
41) Benzo(g,h,i)perylene	27.557	276	3526	0.105	ng	# 86

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

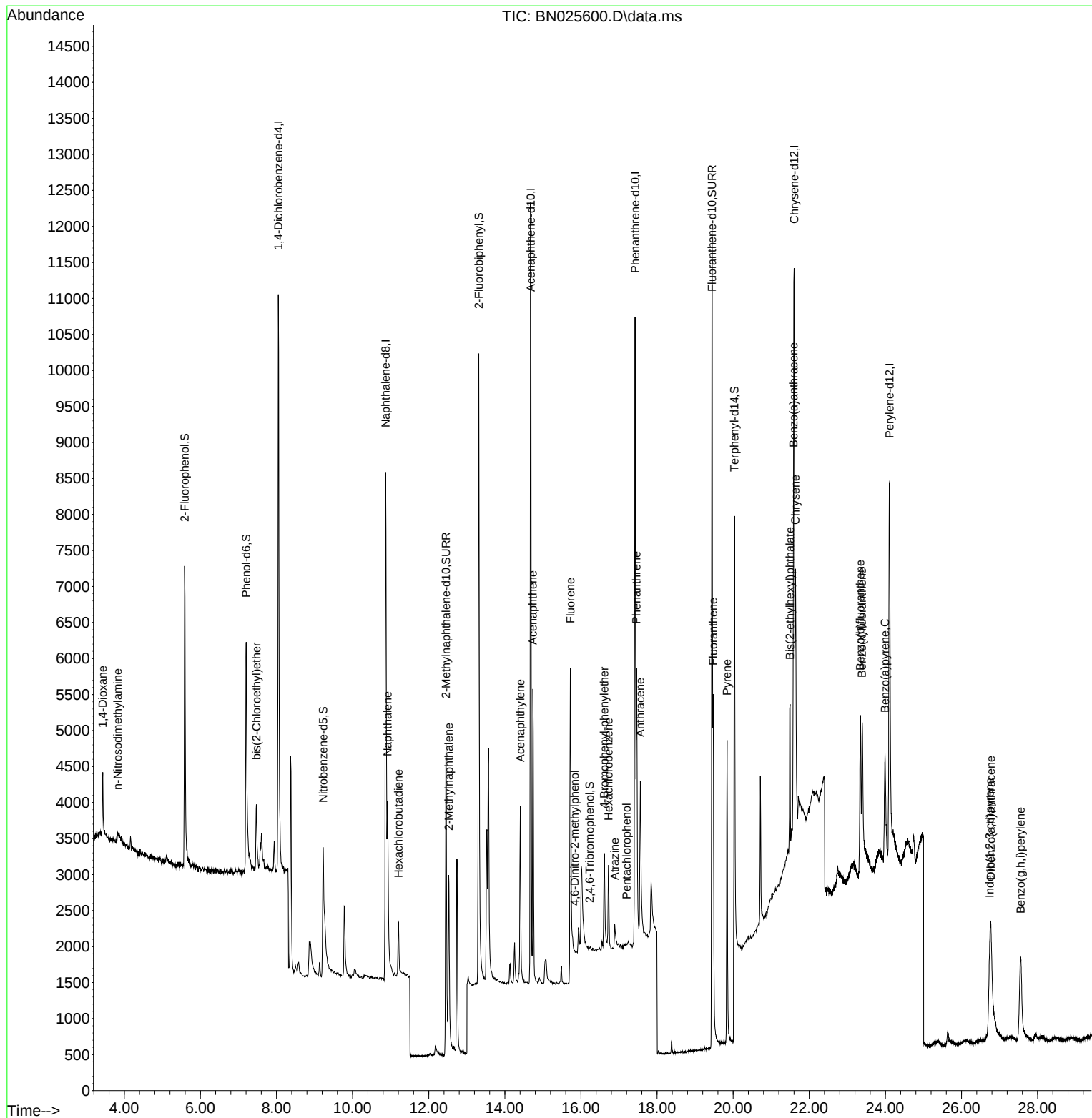
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025600.D
Acq On : 26 May 2023 00:10
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Sample : 02213-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

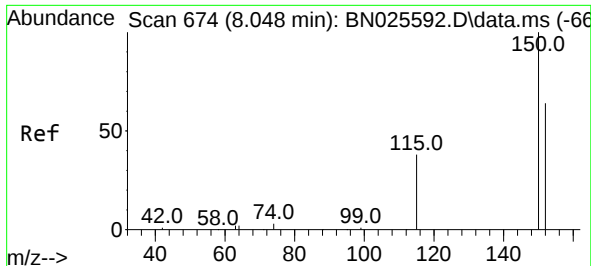
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023

Quant Time: May 26 02:27:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:32:23 2023
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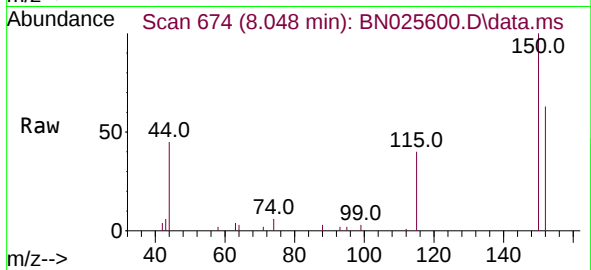
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.048 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN025600.D
 Acq: 26 May 2023 00:10

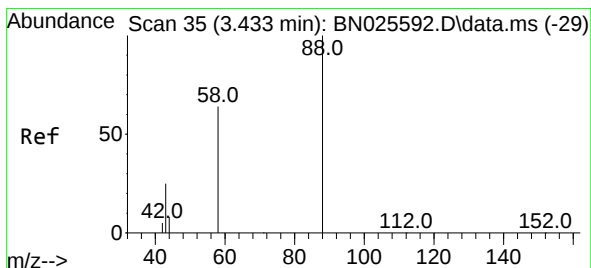
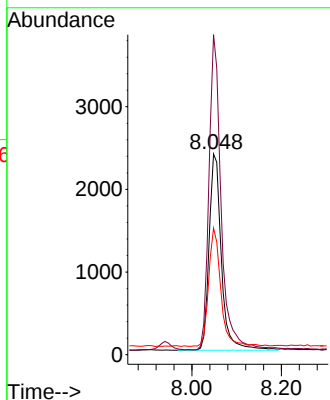
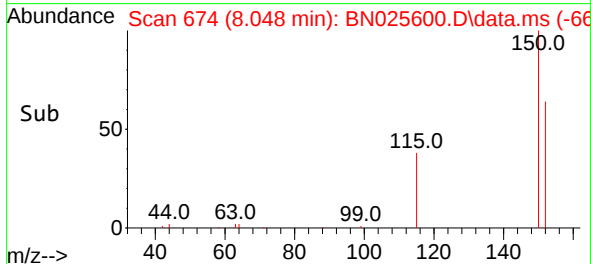
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023



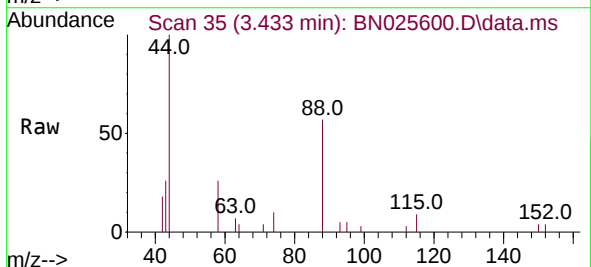
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 Ion Ratio Lower Upper
 152 100
 150 159.4 124.6 187.0
 115 63.1 49.2 73.8

Manual Integrations
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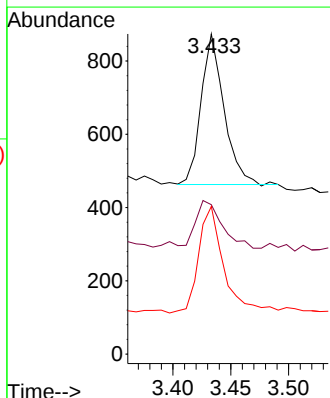
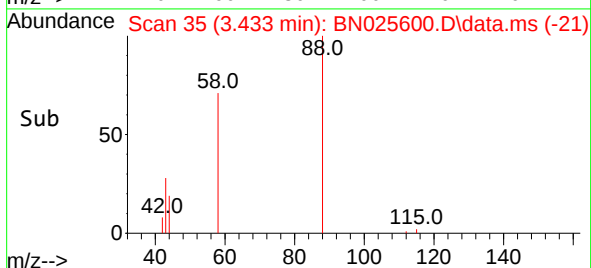
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023

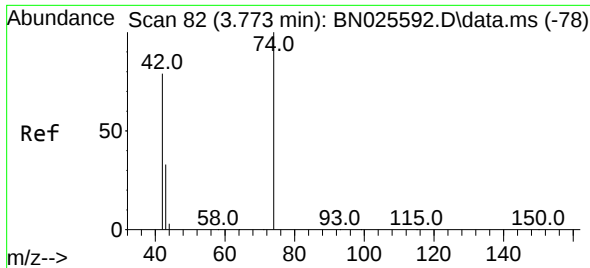


#2
 1,4-Dioxane
 Concen: 0.104 ng
 RT: 3.433 min Scan# 35
 Delta R.T. -0.000 min
 Lab File: BN025600.D
 Acq: 26 May 2023 00:10



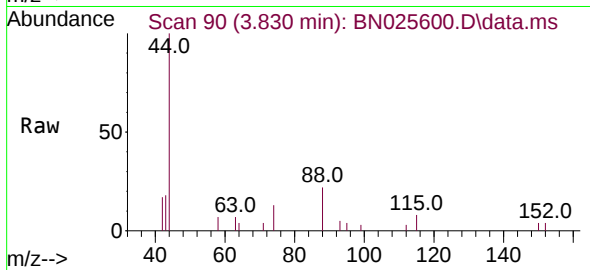
Tgt Ion: 88 Resp: 566
 Ion Ratio Lower Upper
 88 100
 43 38.7 23.5 35.3#
 58 78.1 56.7 85.1





#3
n-Nitrosodimethylamine
Concen: 0.057 ng m
RT: 3.830 min Scan# 90
Delta R.T. 0.057 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

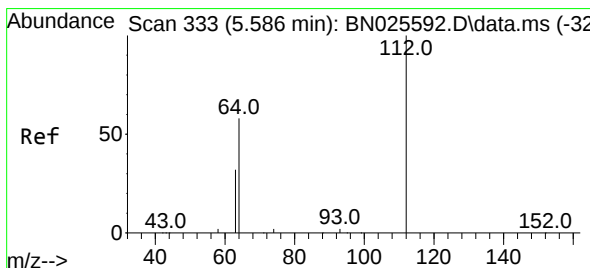
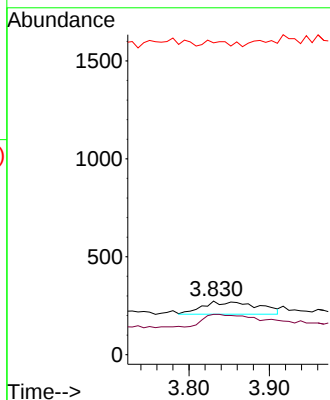
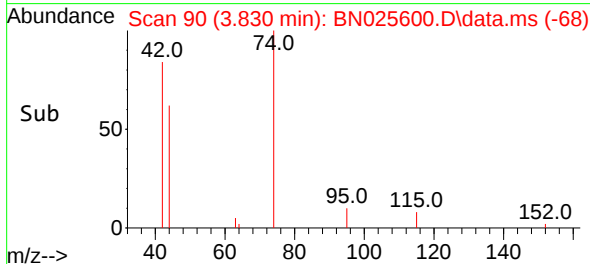
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
74 0.0 97.6 146.4
44 0.0 8.3 12.5

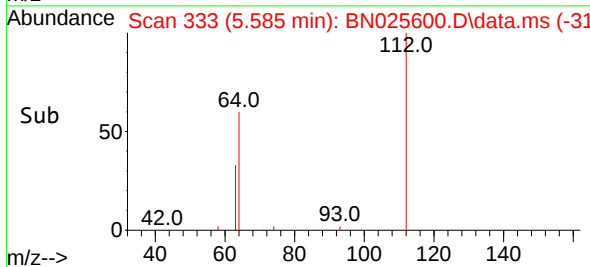
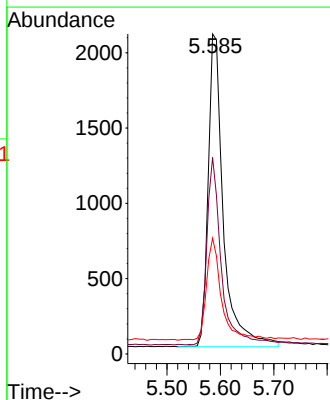
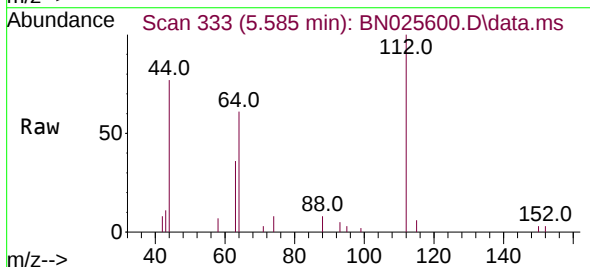
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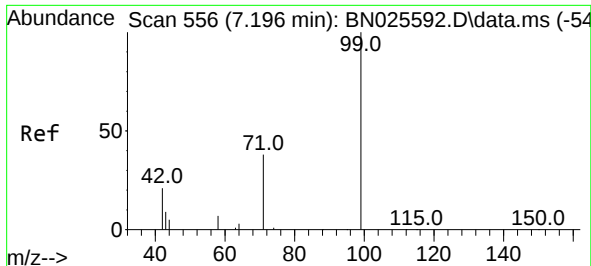
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#4
2-Fluorophenol
Concen: 0.347 ng
RT: 5.585 min Scan# 333
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

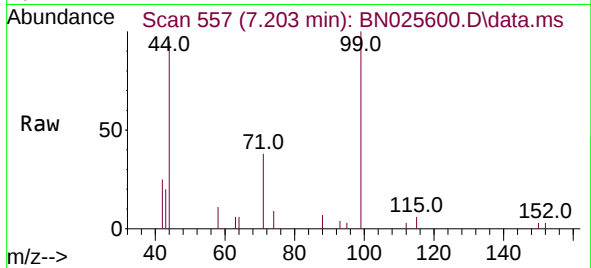
Tgt Ion:112 Resp: 4115
Ion Ratio Lower Upper
112 100
64 57.3 45.3 67.9
63 32.5 25.1 37.7





#5
Phenol-d6
Concen: 0.329 ng
RT: 7.203 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

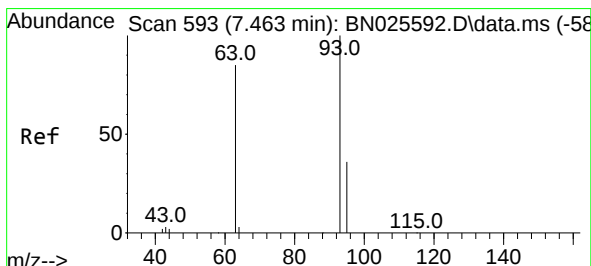
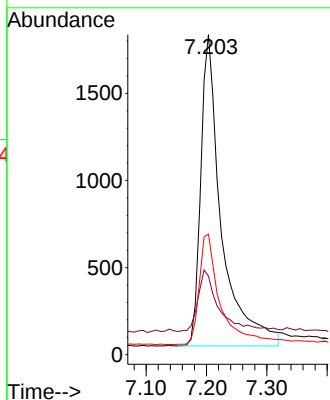
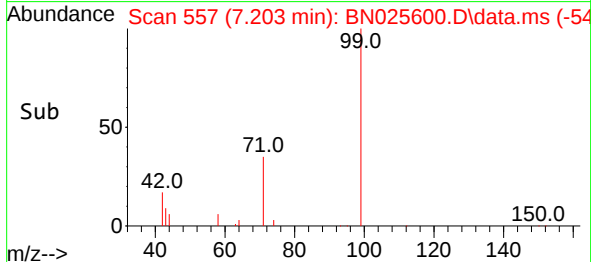
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 99 Resp: 4250
Ion Ratio Lower Upper
99 100
42 20.2 16.9 25.3
71 36.6 29.6 44.4

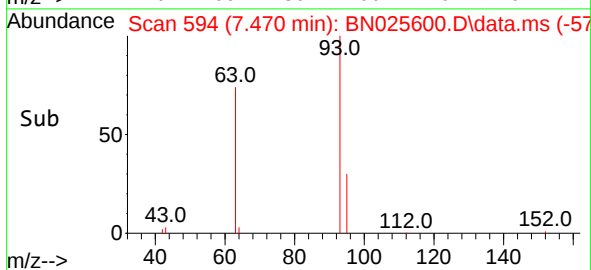
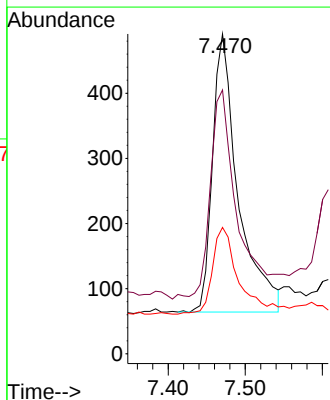
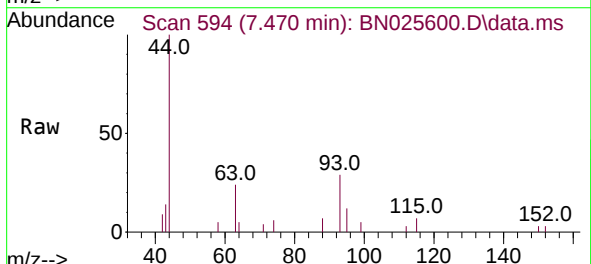
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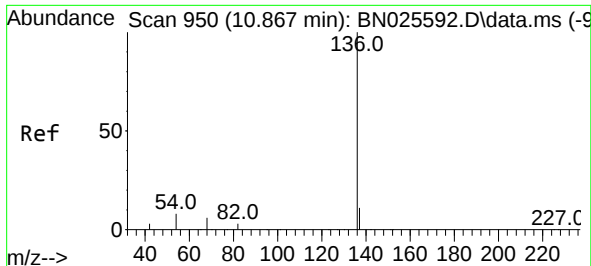
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.015 ng
RT: 7.470 min Scan# 594
Delta R.T. 0.007 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

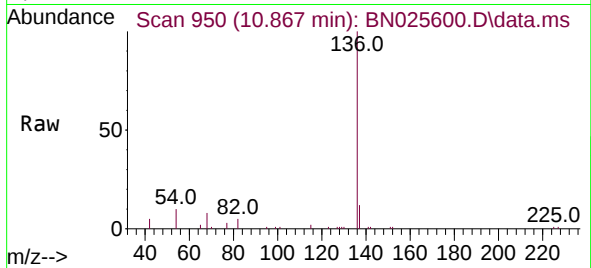
Tgt Ion: 93 Resp: 985
Ion Ratio Lower Upper
93 100
63 79.9 43.4 65.2#
95 32.6 19.5 29.3#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.867 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

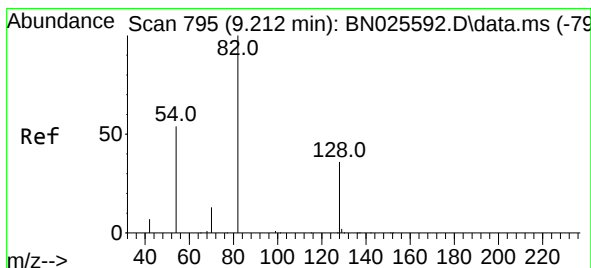
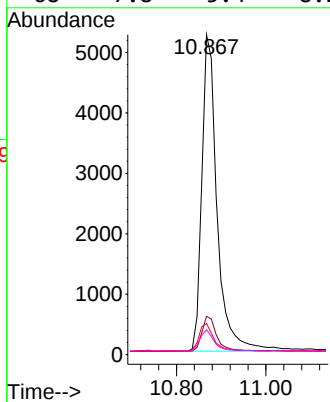
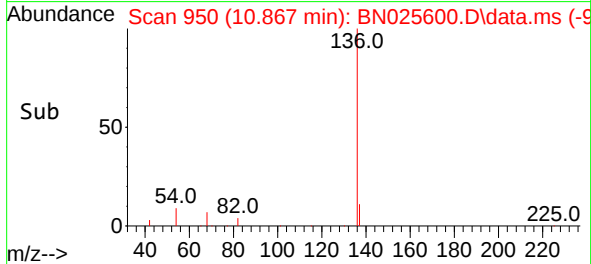
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.1	13.7
54	9.7	6.8	10.2
68	7.8	5.4	8.2

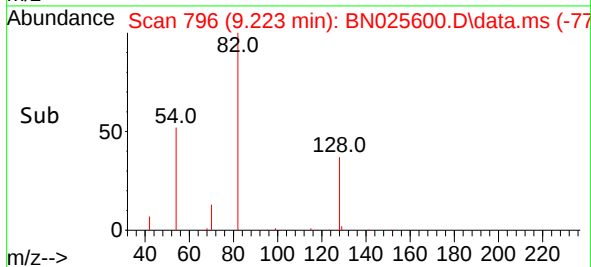
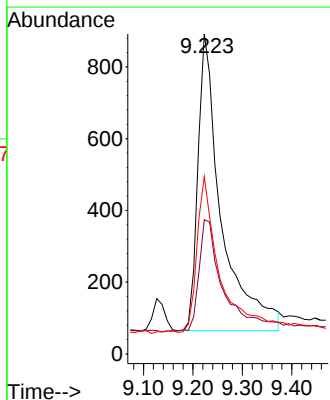
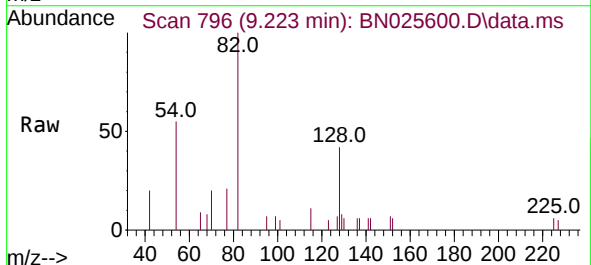
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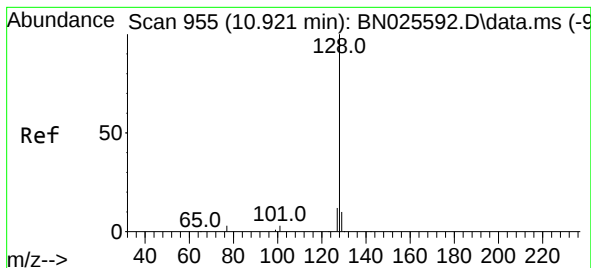
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.011 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	30.5	45.7
54	55.4	44.1	66.1





#9

Naphthalene

Concen: 0.104 ng

RT: 10.921 min Scan# 955

Delta R.T. -0.000 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

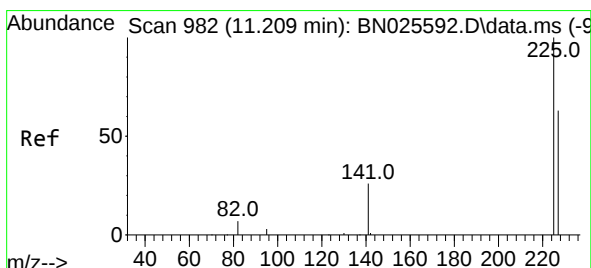
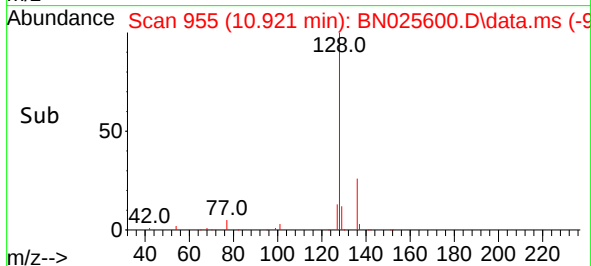
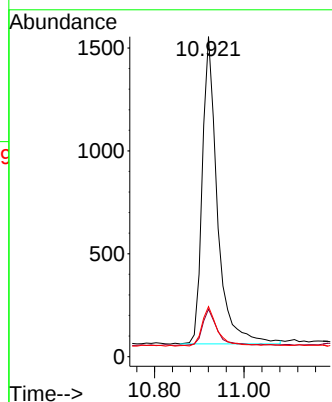
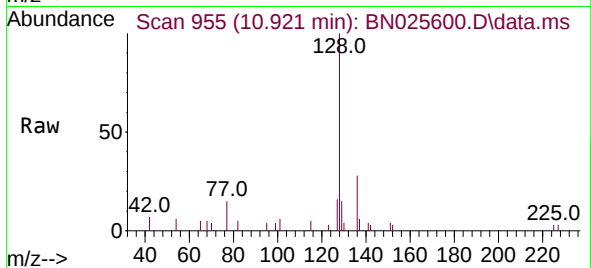
MDL-SOIL-03-QT2-2023

Tgt Ion:	128	Resp:	351
Ion Ratio	Lower	Upper	
128	100		
129	14.9	8.8	13.2
127	15.6	10.3	15.5

Manual Integrations

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#10

Hexachlorobutadiene

Concen: 0.116 ng

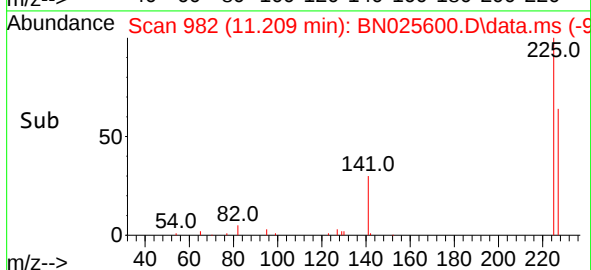
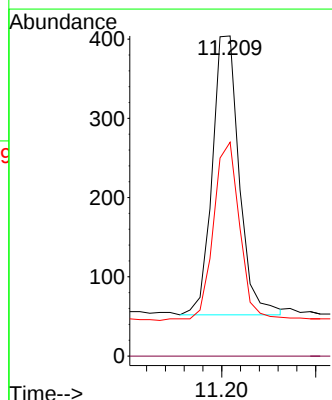
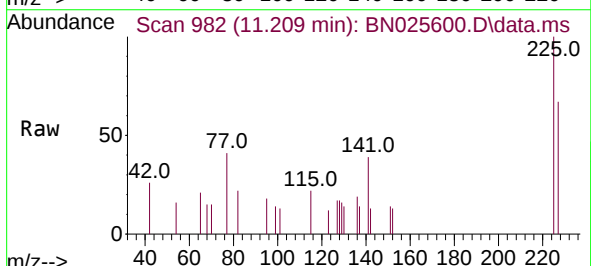
RT: 11.209 min Scan# 982

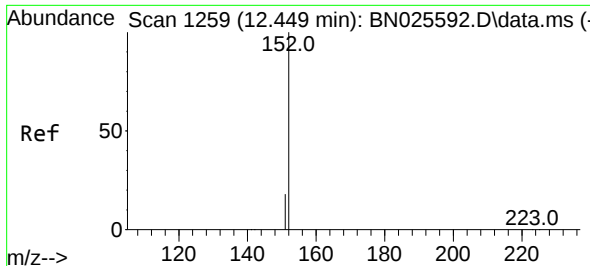
Delta R.T. -0.000 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

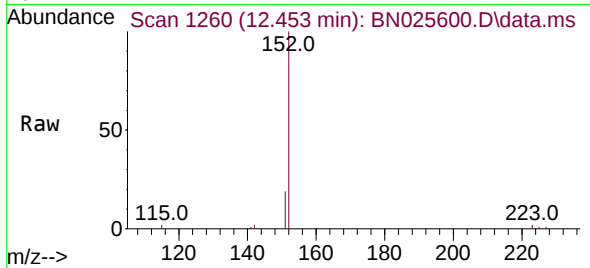
Tgt Ion:	225	Resp:	702
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.4	50.0	75.0





#11
2-Methylnaphthalene-d10
Concen: 0.482 ng
RT: 12.453 min Scan# 1260
Delta R.T. 0.004 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

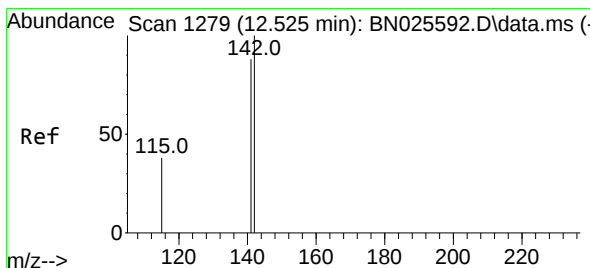
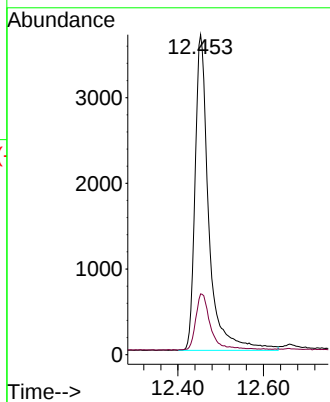
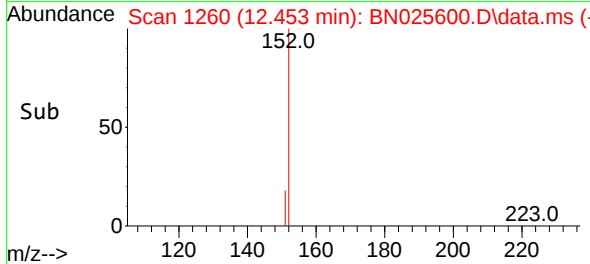
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:152 Resp: 820
Ion Ratio Lower Upper
152 100
151 19.1 16.1 24.1

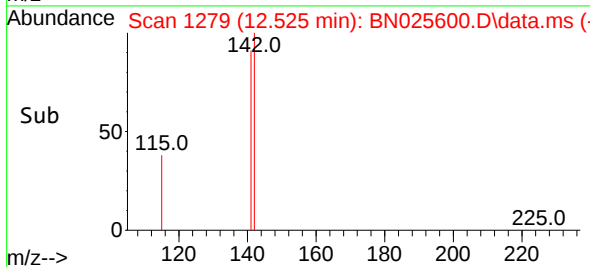
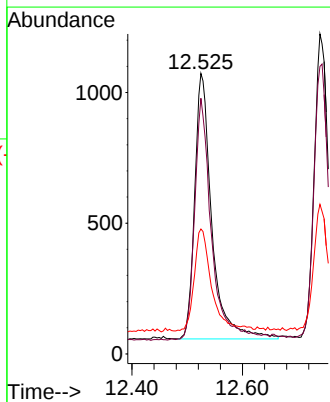
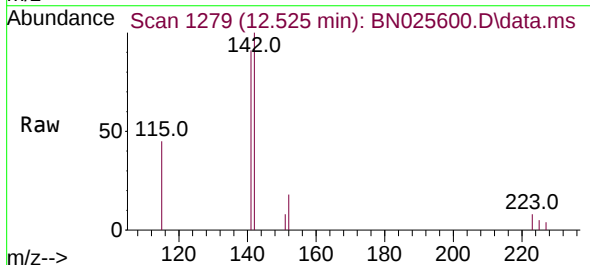
Manual Integrations
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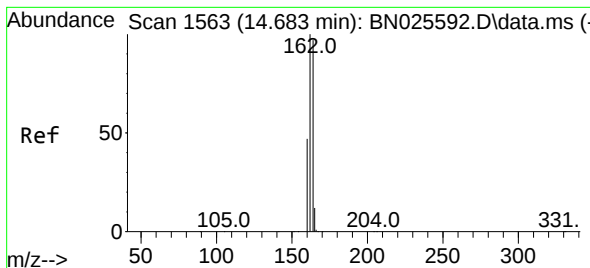
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 12.525 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

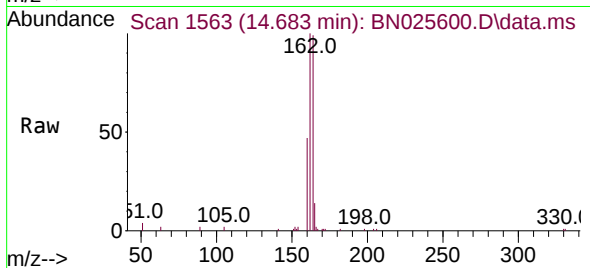
Tgt Ion:142 Resp: 2204
Ion Ratio Lower Upper
142 100
141 91.1 70.2 105.4
115 44.5 31.1 46.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

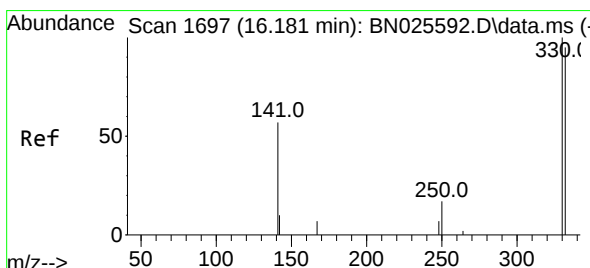
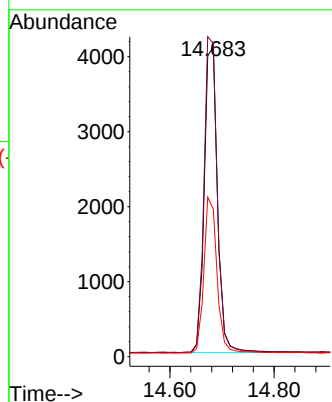
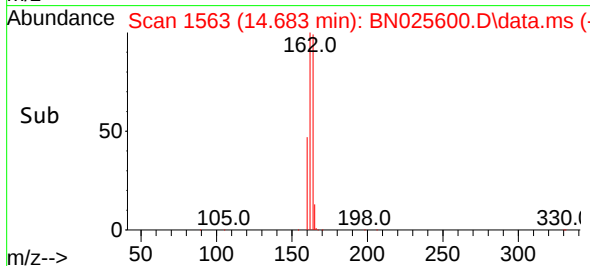
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



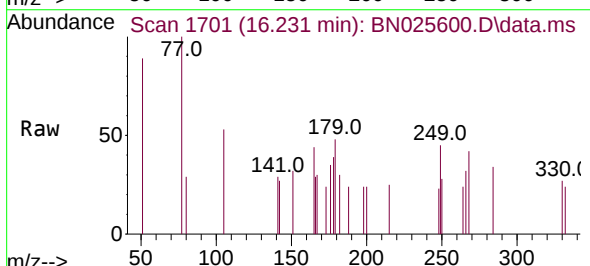
Tgt Ion:164 Resp: 7179
Ion Ratio Lower Upper
164 100
162 101.1 82.7 124.1
160 47.7 38.8 58.2

Manual Integrations
APPROVED

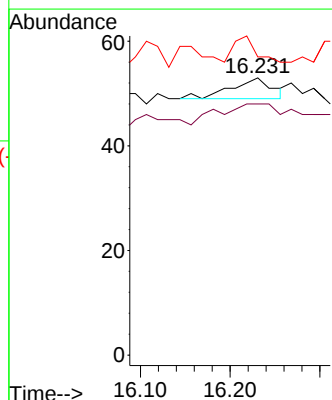
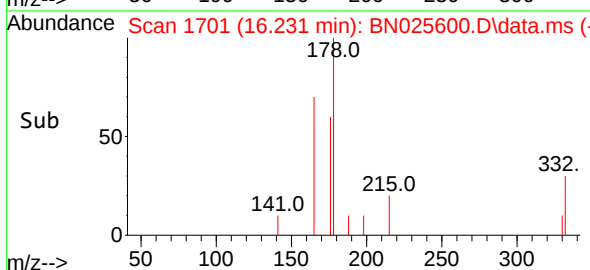
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

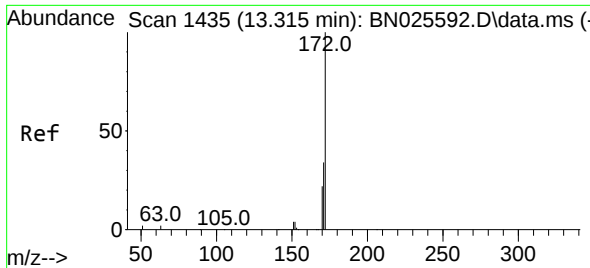


#14
2,4,6-Tribromophenol
Concen: 0.336 ng
RT: 16.231 min Scan# 1701
Delta R.T. 0.050 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10



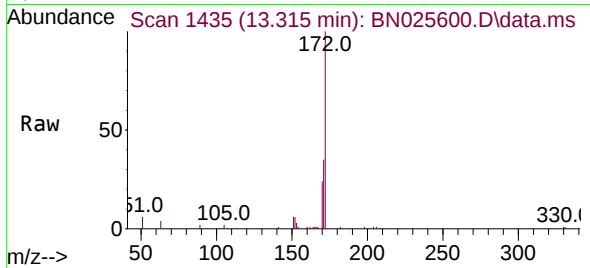
Tgt Ion:330 Resp: 13
Ion Ratio Lower Upper
330 100
332 169.2 78.5 117.7#
141 76.9 50.9 76.3#





#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 13.315 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

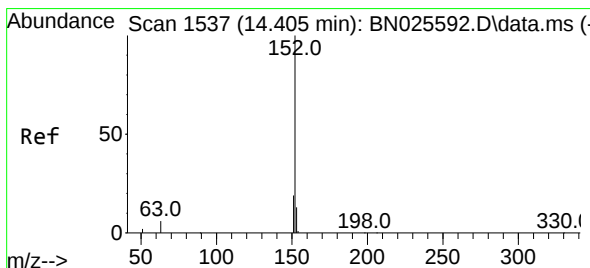
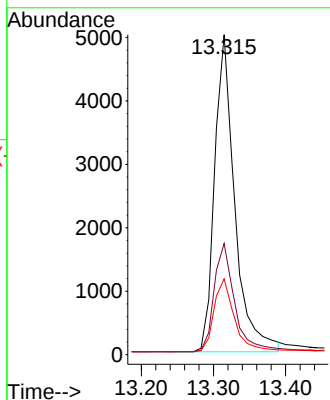
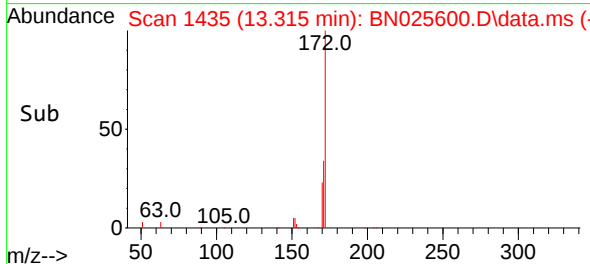
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



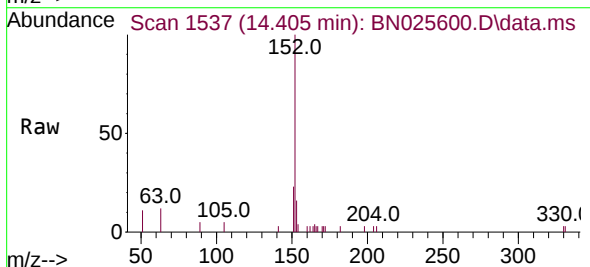
Tgt Ion:172 Resp: 969
Ion Ratio Lower Upper
172 100
171 34.8 27.2 40.8
170 23.7 17.9 26.9

Manual Integrations
APPROVED

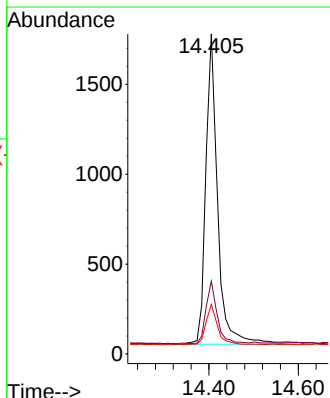
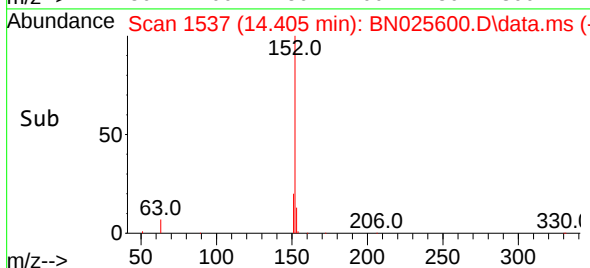
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

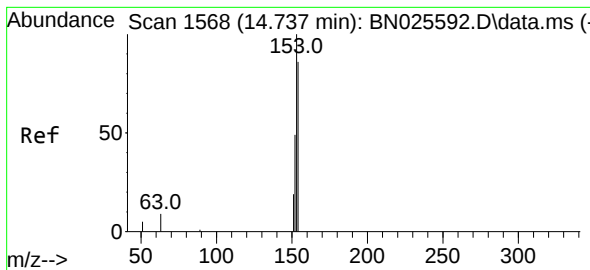


#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.405 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10



Tgt Ion:152 Resp: 3143
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 12.6 10.5 15.7





#17

Acenaphthene

Concen: 0.100 ng

RT: 14.737 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

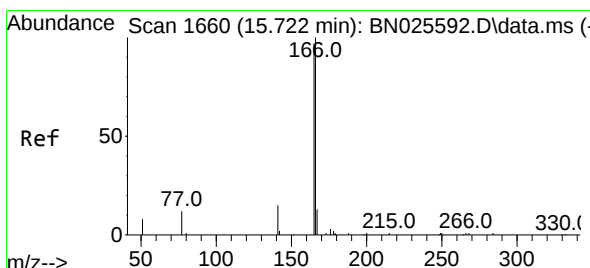
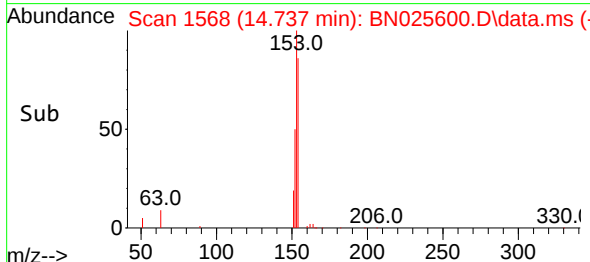
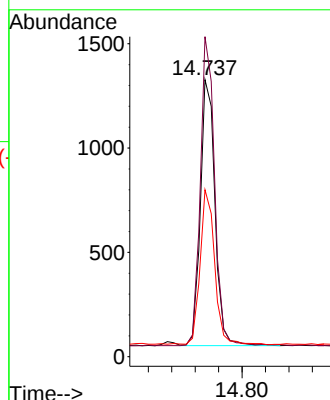
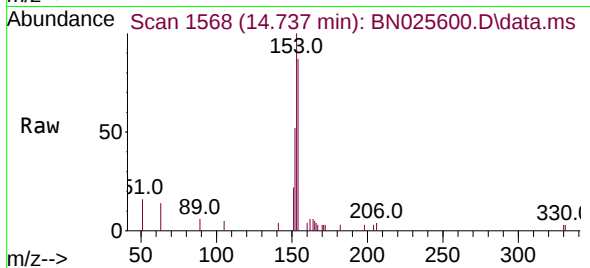
MDL-SOIL-03-QT2-2023

Tgt Ion:	154	Resp:	221
Ion Ratio	Lower	Upper	
154	100		
153	113.2	91.4	137.0
152	58.3	45.0	67.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#18

Fluorene

Concen: 0.099 ng

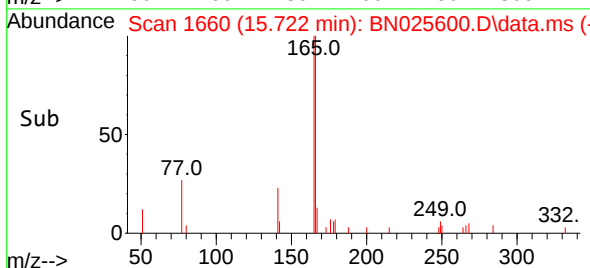
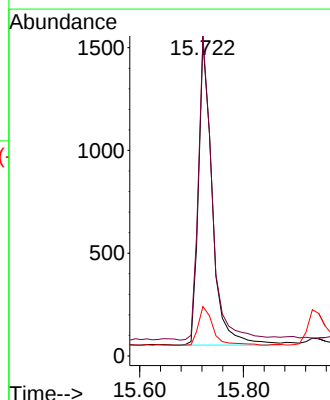
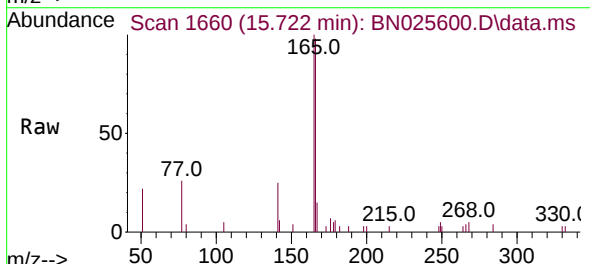
RT: 15.722 min Scan# 1660

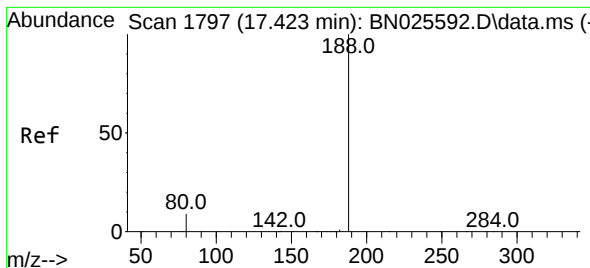
Delta R.T. -0.000 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Tgt Ion:	166	Resp:	2693
Ion Ratio	Lower	Upper	
166	100		
165	100.4	81.0	121.4
167	13.6	10.9	16.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.422 min Scan# 11

Delta R.T. -0.001 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

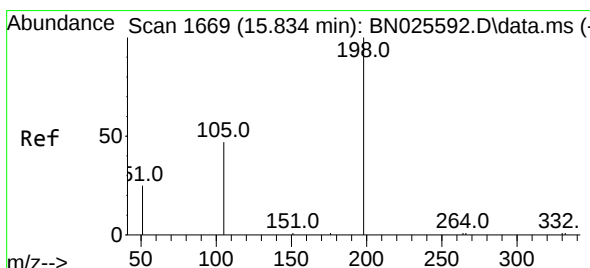
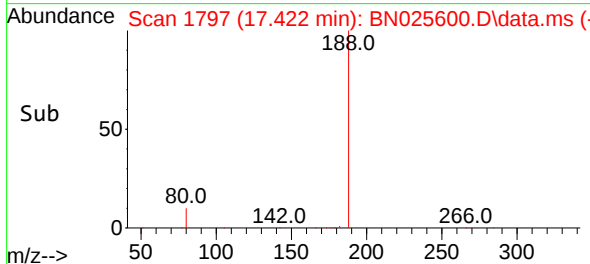
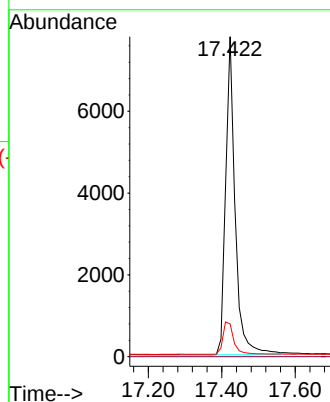
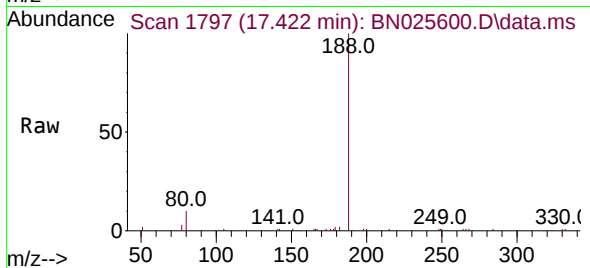
MDL-SOIL-03-QT2-2023

Tgt Ion:188 Resp: 13938
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.2 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#20

4,6-Dinitro-2-methylphenol

Concen: 0.317 ng

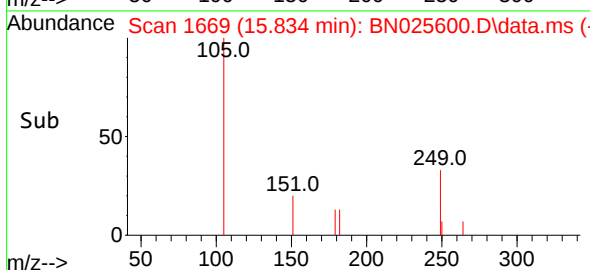
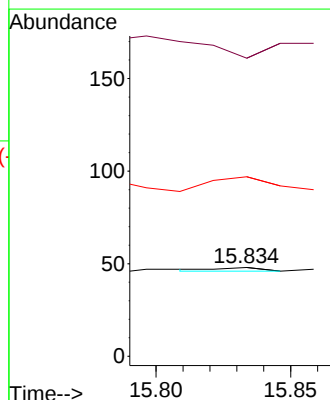
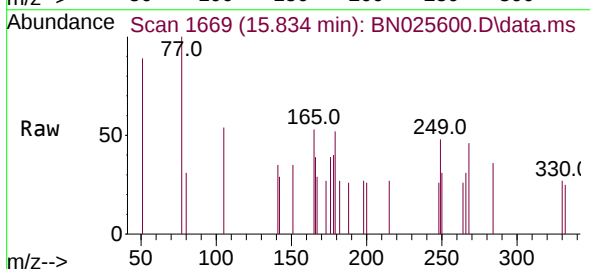
RT: 15.834 min Scan# 1669

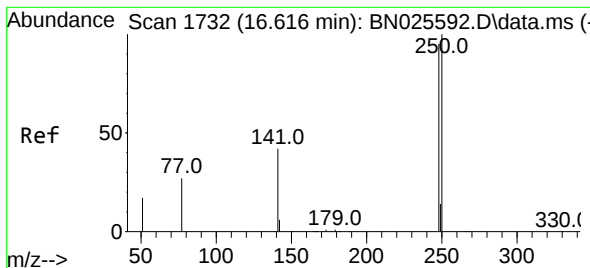
Delta R.T. -0.000 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

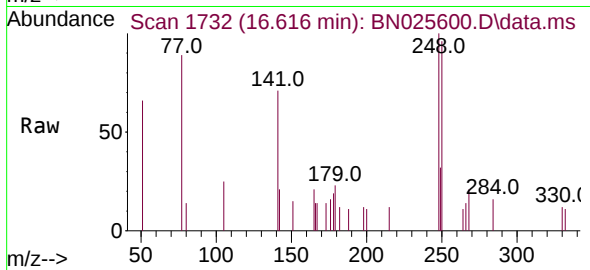
Tgt Ion:198 Resp: 2
 Ion Ratio Lower Upper
 198 100
 51 335.4 139.5 209.3#
 105 202.1 91.2 136.8#





#21
4-Bromophenyl-phenylether
Concen: 0.091 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

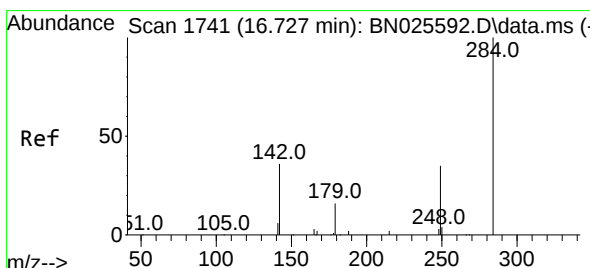
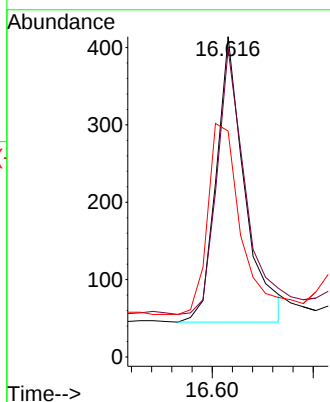
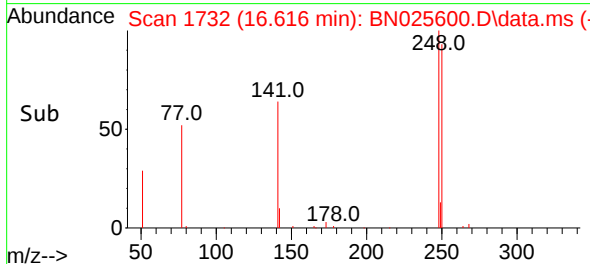
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:248 Resp: 722
Ion Ratio Lower Upper
248 100
250 96.1 84.7 127.1
141 70.5 36.5 54.7

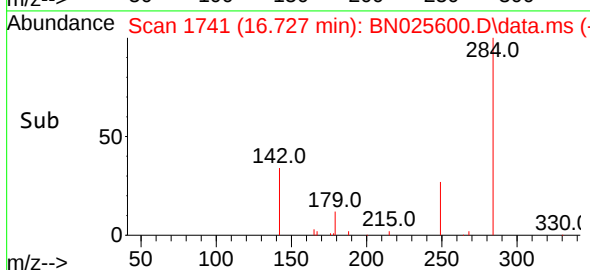
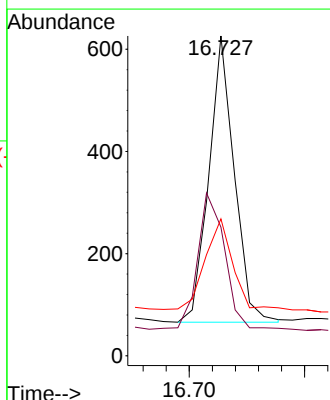
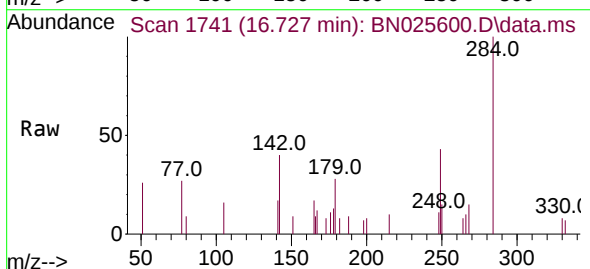
Manual Integrations
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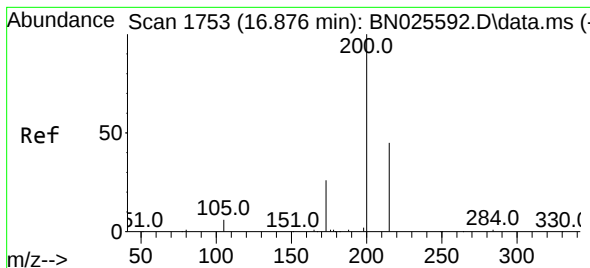
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Hexachlorobenzene
Concen: 0.112 ng
RT: 16.727 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

Tgt Ion:284 Resp: 857
Ion Ratio Lower Upper
284 100
142 50.5 41.2 61.8
249 33.7 28.7 43.1





#23

Atrazine

Concen: 0.099 ng

RT: 16.889 min Scan# 1779

Delta R.T. 0.012 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

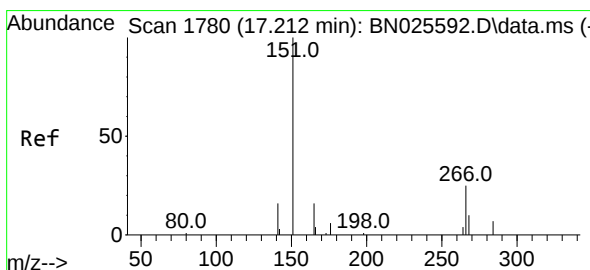
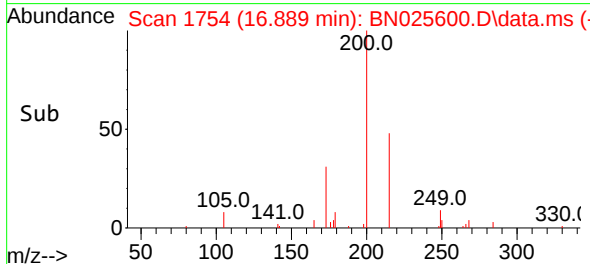
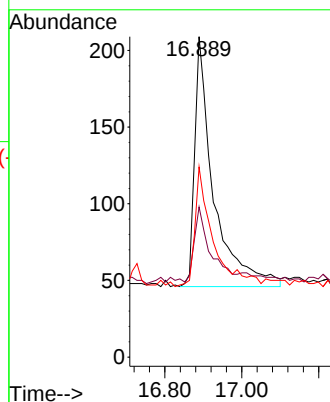
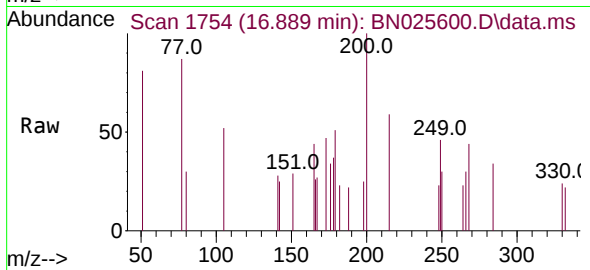
Tgt Ion:	200	Resp:	55
Ion Ratio	Lower	Upper	
200	100		
173	46.9	23.3	34.9
215	59.3	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#24

Pentachlorophenol

Concen: 0.503 ng

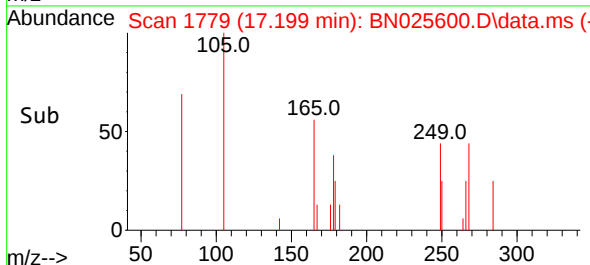
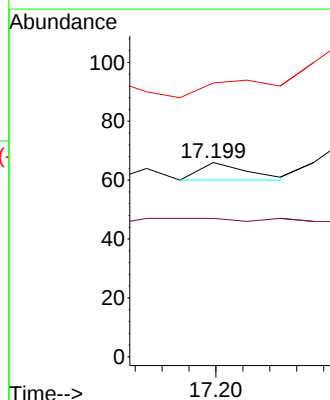
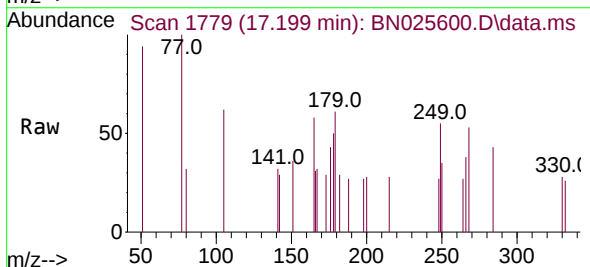
RT: 17.199 min Scan# 1779

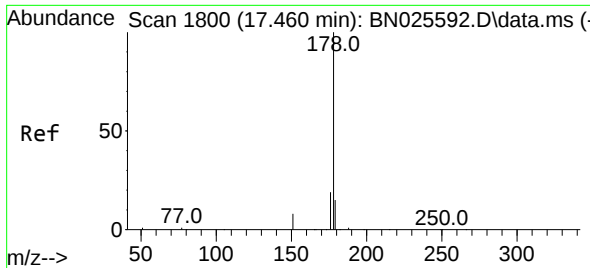
Delta R.T. -0.013 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

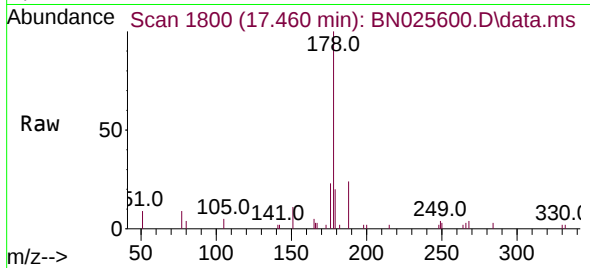
Tgt Ion:	266	Resp:	7
Ion Ratio	Lower	Upper	
266	100		
264	0.0	17.5	26.3
268	0.0	21.4	32.0





#25
Phenanthrene
Concen: 0.100 ng
RT: 17.460 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

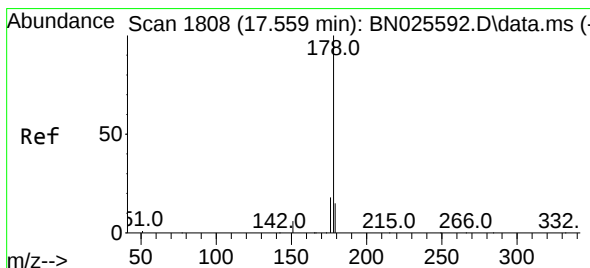
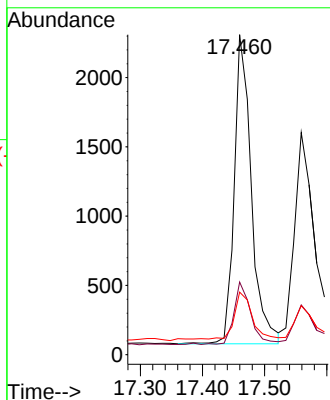
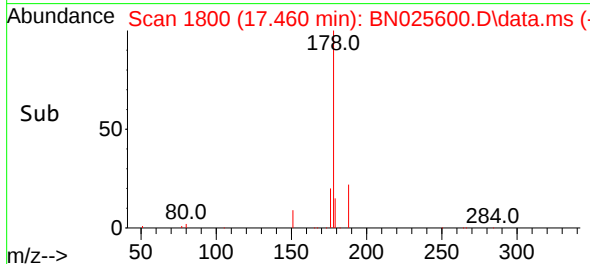
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



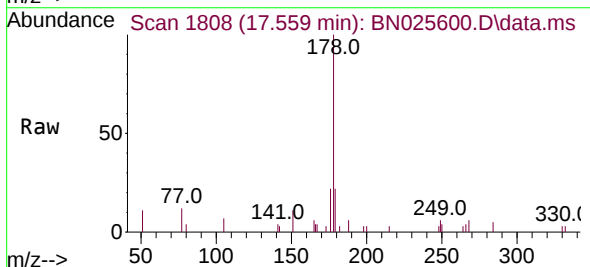
Tgt Ion:178 Resp: 4270
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 15.3 12.3 18.5

Manual Integrations
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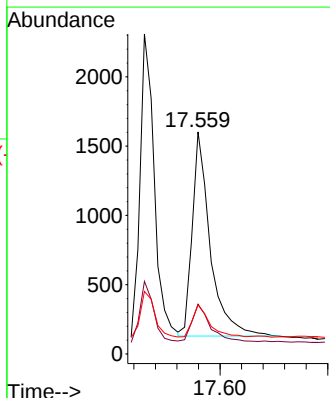
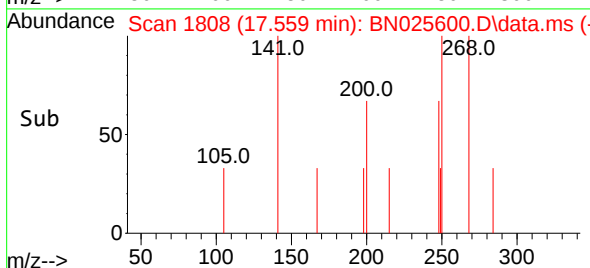
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

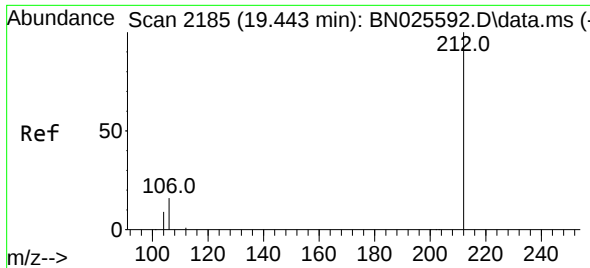


#26
Anthracene
Concen: 0.091 ng
RT: 17.559 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10



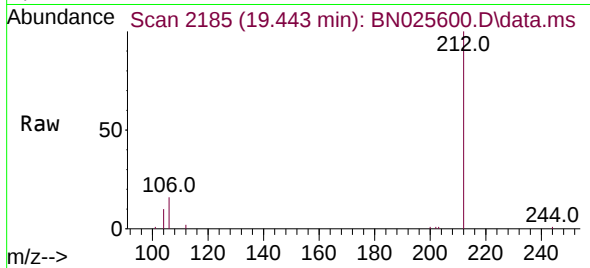
Tgt Ion:178 Resp: 3421
Ion Ratio Lower Upper
178 100
176 18.1 14.9 22.3
179 14.9 12.0 18.0





#27
Fluoranthene-d10
Concen: 0.489 ng
RT: 19.443 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

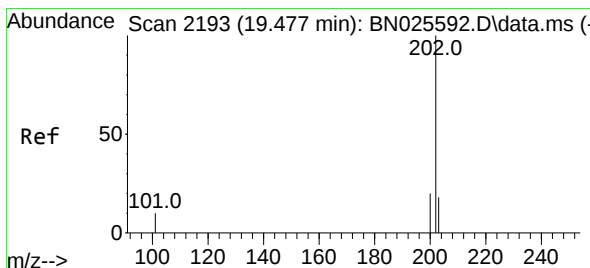
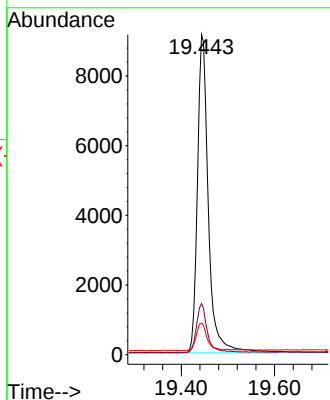
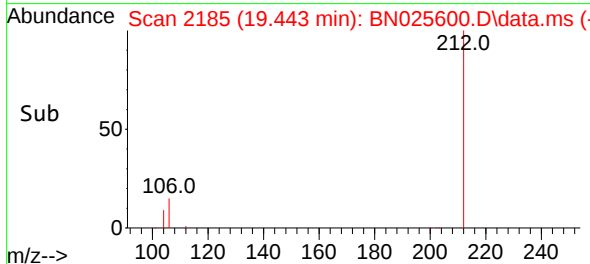
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:212 Resp: 14870
Ion Ratio Lower Upper
212 100
106 15.0 12.2 18.4
104 8.6 7.0 10.6

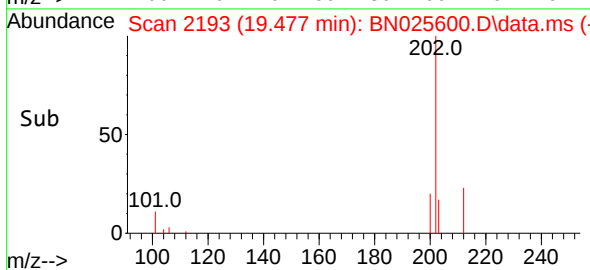
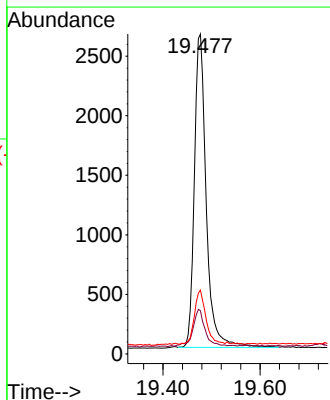
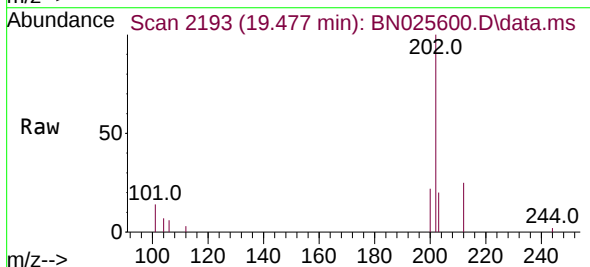
Manual Integrations
APPROVED

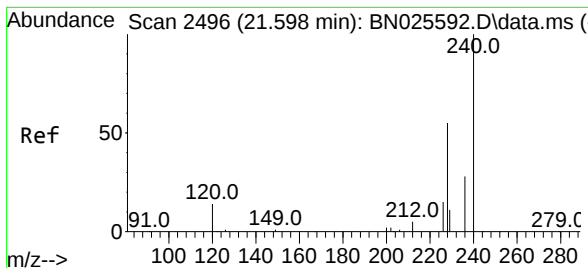
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#28
Fluoranthene
Concen: 0.101 ng
RT: 19.477 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

Tgt Ion:202 Resp: 4463
Ion Ratio Lower Upper
202 100
101 12.5 9.1 13.7
203 16.8 13.6 20.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.602 min Scan# 2496

Delta R.T. 0.004 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

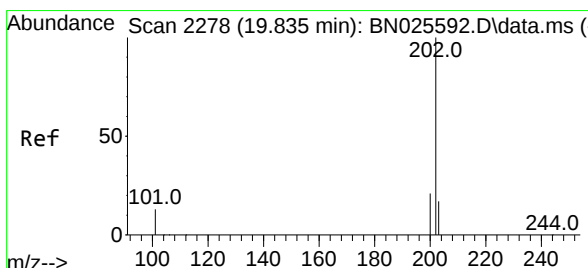
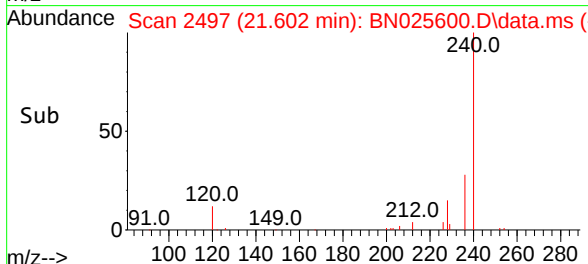
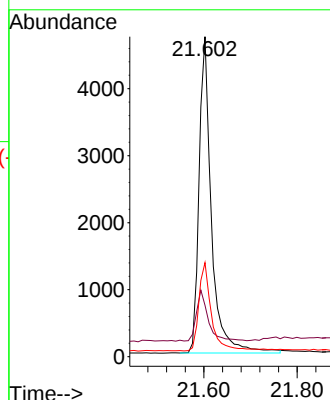
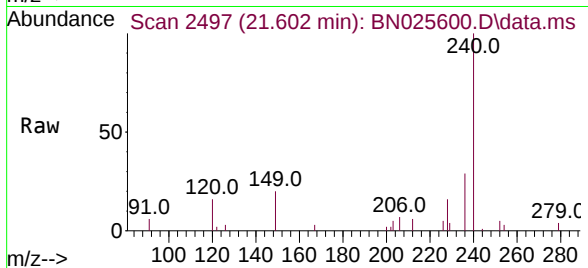
MDL-SOIL-03-QT2-2023

Tgt Ion:240 Resp: 8740
 Ion Ratio Lower Upper
 240 100
 120 16.0 14.2 21.2
 236 29.4 23.8 35.6

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Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#30

Pyrene

Concen: 0.104 ng

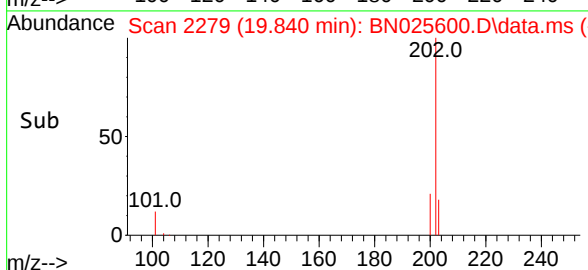
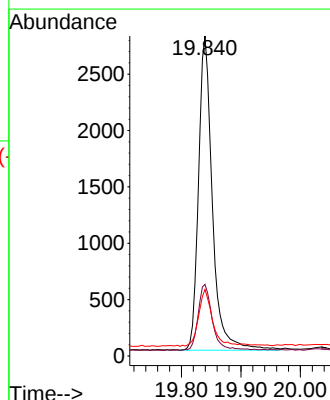
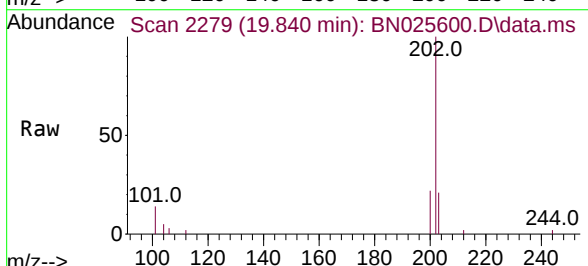
RT: 19.840 min Scan# 2279

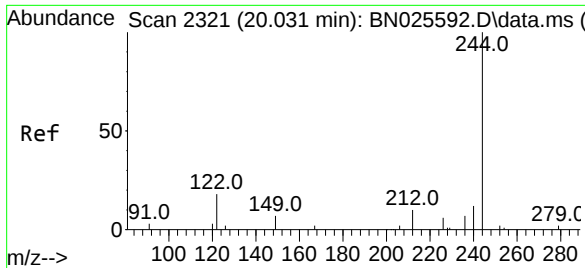
Delta R.T. 0.004 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

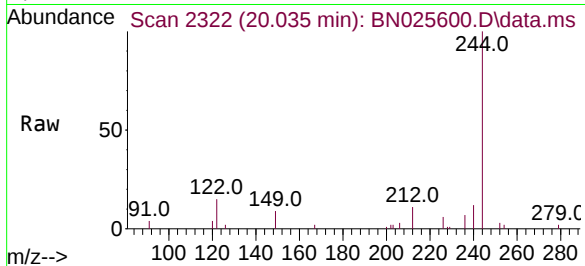
Tgt Ion:202 Resp: 4513
 Ion Ratio Lower Upper
 202 100
 200 21.5 16.8 25.2
 203 17.9 13.9 20.9





#31
Terphenyl-d14
Concen: 0.370 ng
RT: 20.035 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

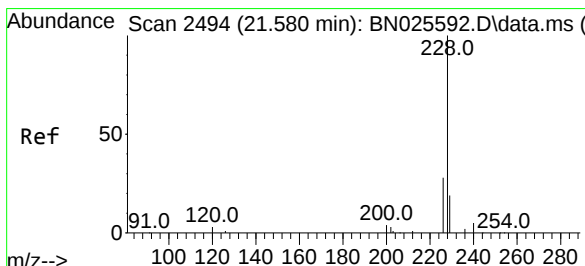
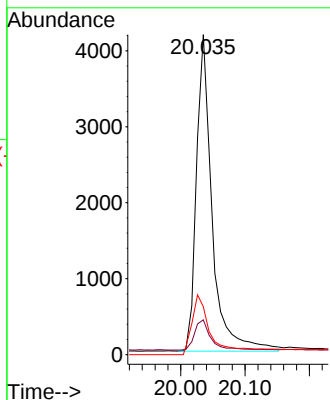
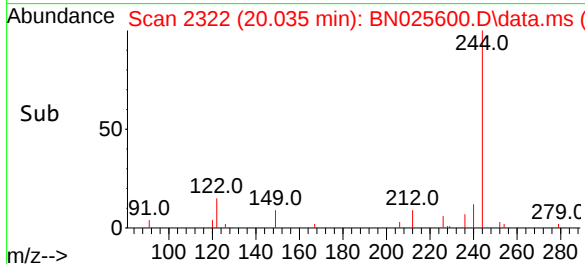
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



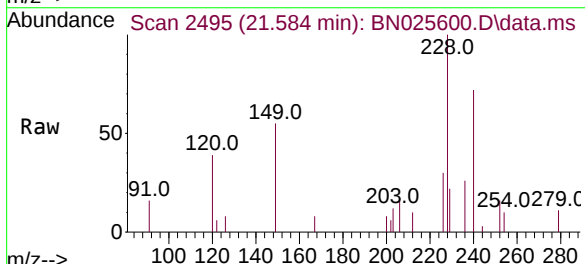
Tgt Ion:244 Resp: 646
Ion Ratio Lower Upper
244 100
212 10.9 8.6 12.8
122 15.0 14.2 21.2

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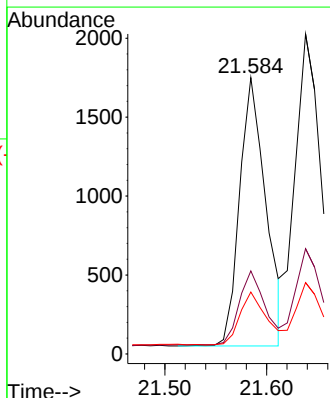
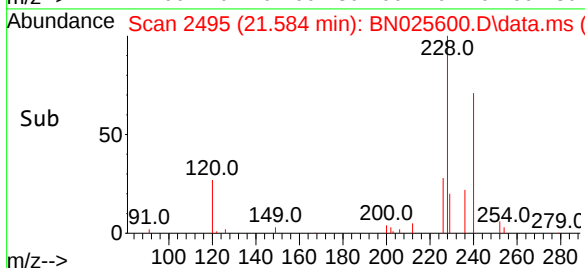
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

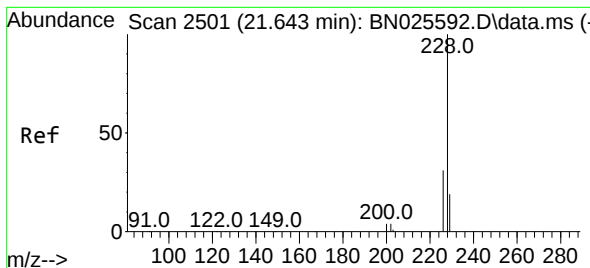


#32
Benzo(a)anthracene
Concen: 0.093 ng
RT: 21.584 min Scan# 2495
Delta R.T. 0.004 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10



Tgt Ion:228 Resp: 3037
Ion Ratio Lower Upper
228 100
226 30.1 23.0 34.4
229 22.4 15.7 23.5





#33

Chrysene

Concen: 0.106 ng

RT: 21.638 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN025600.D

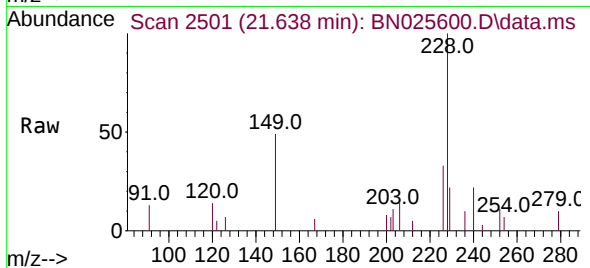
Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

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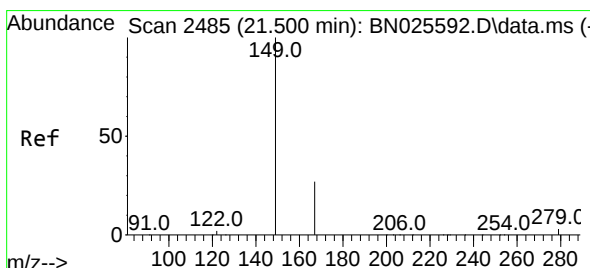
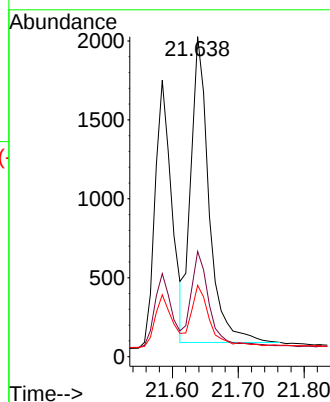
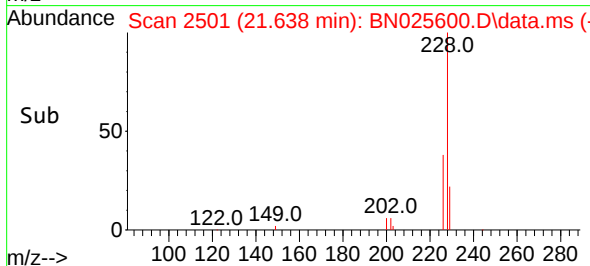
Tgt Ion:	228	Resp:	3724
Ion Ratio	100	Lower	Upper
228	100		
226	32.9	24.6	37.0
229	22.3	16.0	24.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.100 ng

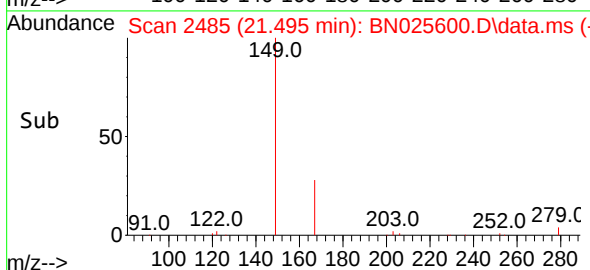
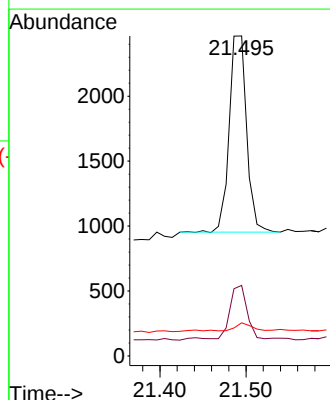
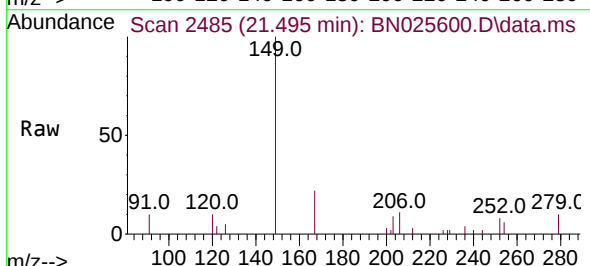
RT: 21.495 min Scan# 2485

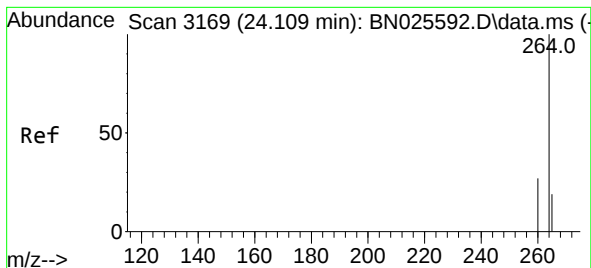
Delta R.T. -0.005 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Tgt Ion:	149	Resp:	2129
Ion Ratio	100	Lower	Upper
149	100		
167	28.4	21.2	31.8
279	3.7	2.4	3.6





#35

Perylene-d12

Concen: 0.400 ng

RT: 24.107 min Scan# 3169

Delta R.T. -0.002 min

Lab File: BN025600.D

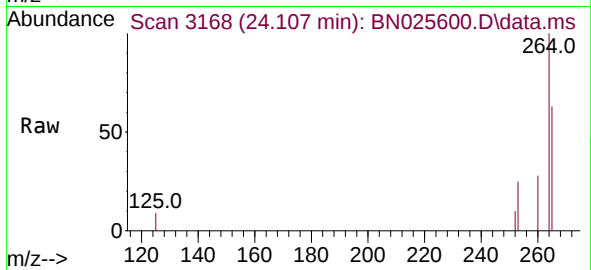
Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023



Tgt Ion:264 Resp: 890

Ion Ratio Lower Upper

264 100

260 27.9 22.2 33.4

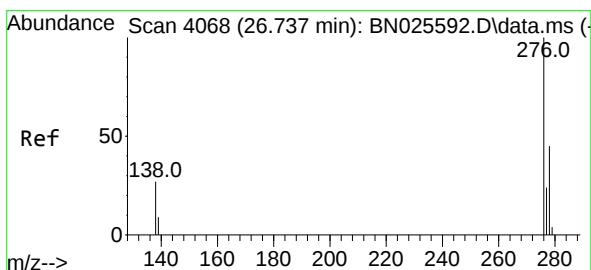
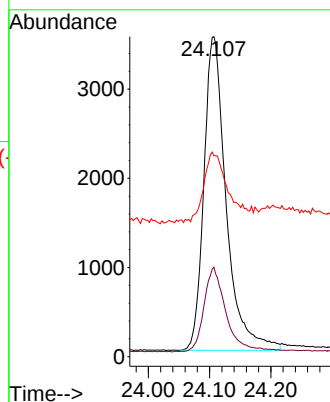
265 62.7 52.7 79.1

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023

Supervised By :Jagrut Upadhyay 05/26/2023



#36

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng

RT: 26.741 min Scan# 4069

Delta R.T. 0.004 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

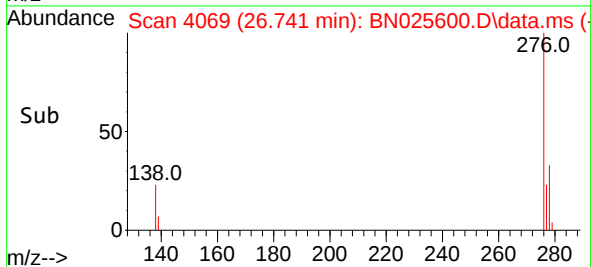
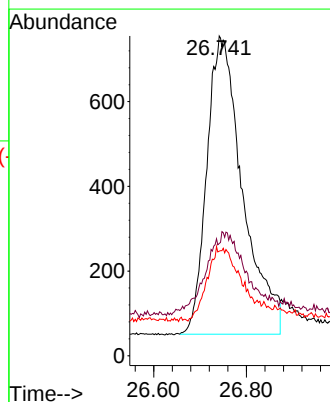
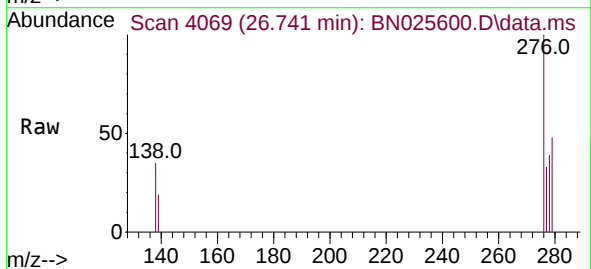
Tgt Ion:276 Resp: 3785

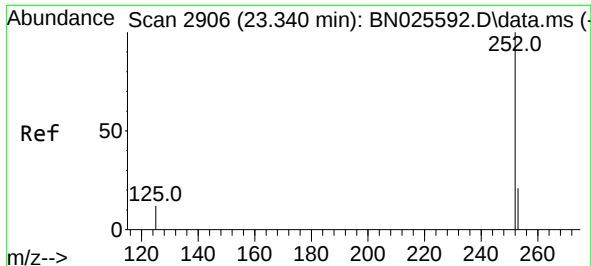
Ion Ratio Lower Upper

276 100

138 8.9 23.7 35.5#

277 8.7 19.0 28.4#





#37

Benzo(b)fluoranthene

Concen: 0.101 ng

RT: 23.341 min Scan# 2906

Delta R.T. 0.001 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

Instrument :

BNA_N

ClientSampleId :

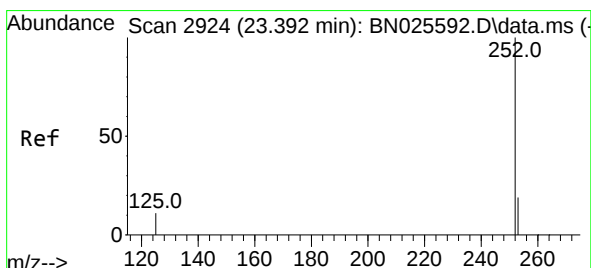
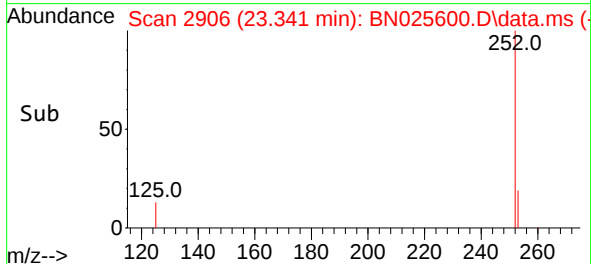
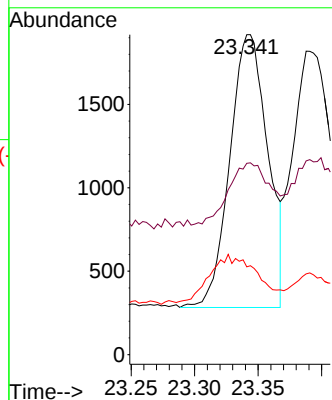
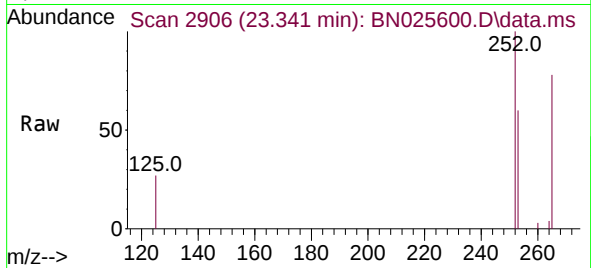
MDL-SOIL-03-QT2-2023

Tgt Ion:	252	Resp:	340
Ion Ratio	Lower	Upper	
252	100		
253	59.8	25.8	38.6
125	27.4	13.1	19.7

Manual Integrations

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Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#38

Benzo(k)fluoranthene

Concen: 0.095 ng

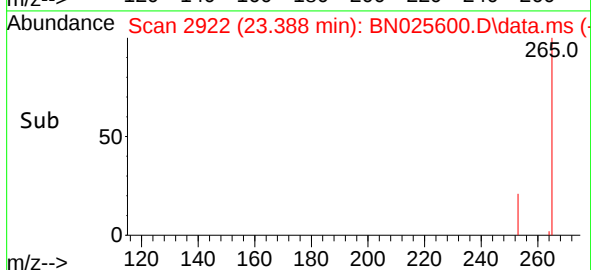
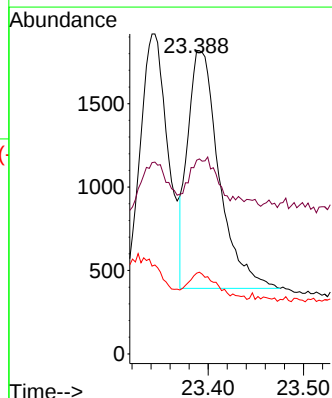
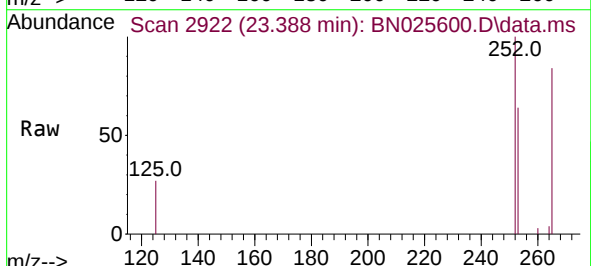
RT: 23.388 min Scan# 2922

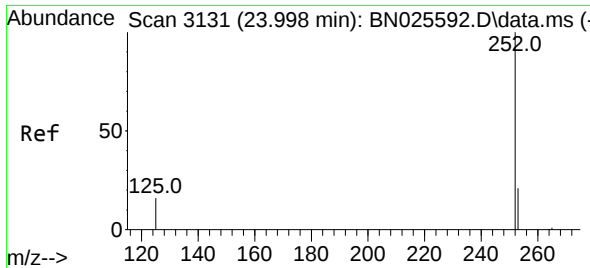
Delta R.T. -0.005 min

Lab File: BN025600.D

Acq: 26 May 2023 00:10

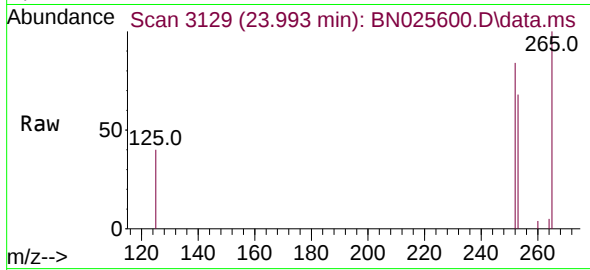
Tgt Ion:	252	Resp:	3268
Ion Ratio	Lower	Upper	
252	100		
253	63.8	25.0	37.6
125	26.6	12.7	19.1





#39
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.993 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

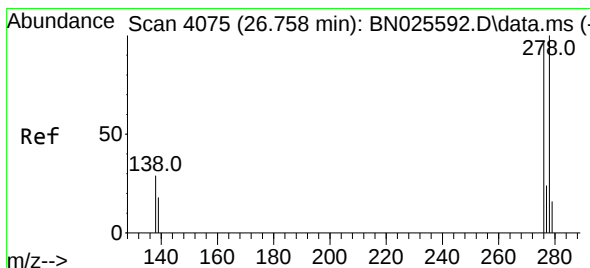
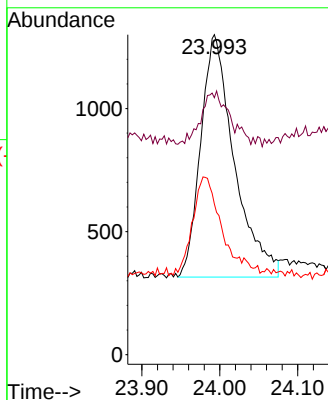
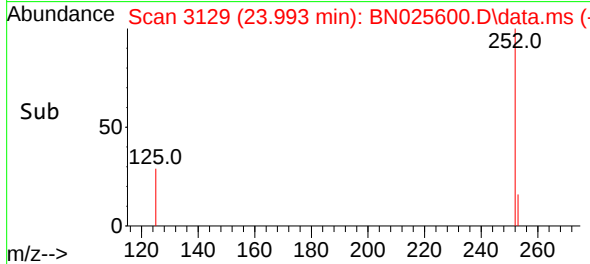
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:252 Resp: 2949
Ion Ratio Lower Upper
252 100
253 80.3 28.6 43.0#
125 47.1 16.9 25.3#

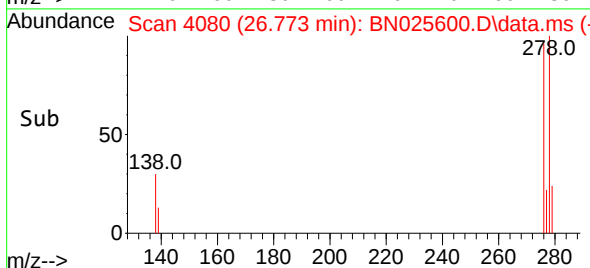
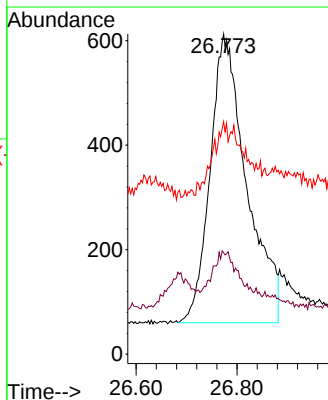
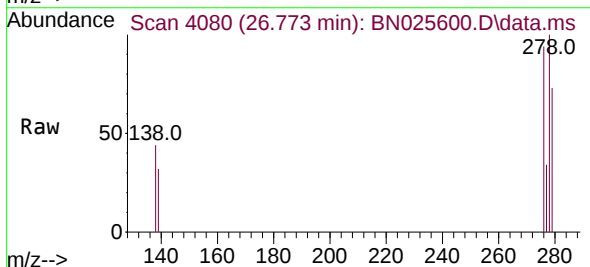
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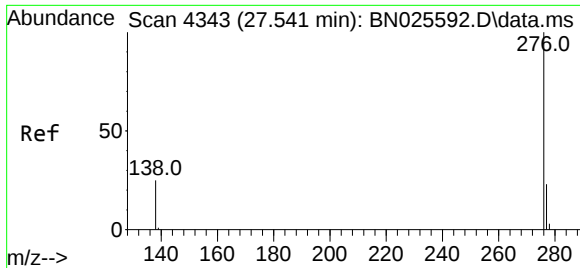
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#40
Dibenzo(a,h)anthracene
Concen: 0.093 ng
RT: 26.773 min Scan# 4080
Delta R.T. 0.016 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

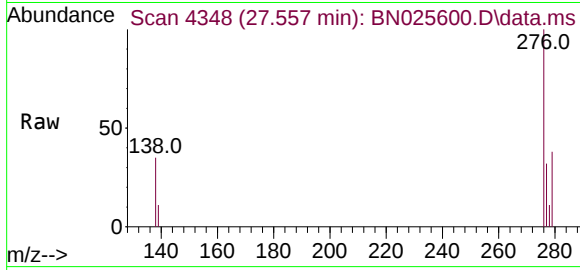
Tgt Ion:278 Resp: 2779
Ion Ratio Lower Upper
278 100
139 31.6 18.4 27.6#
279 72.6 25.8 38.6#





#41
Benzo(g,h,i)perylene
Concen: 0.105 ng
RT: 27.557 min Scan# 41
Delta R.T. 0.016 min
Lab File: BN025600.D
Acq: 26 May 2023 00:10

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:276 Resp: 3520
Ion Ratio Lower Upper
276 100
277 32.4 20.0 30.0
138 35.5 22.8 34.2

Manual Integrations
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Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

