

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
 Data File : BN019005.D
 Acq On : 17 Mar 2022 21:31
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 0.1ng
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 18 12:11:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 12:09:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5442	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14504	0.400	ng	# 0.00
13) Acenaphthene-d10	14.495	164	9190	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	18484	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	10969	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	8161	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	4782	0.392	ng	0.00
5) Phenol-d6	7.017	99	4385	0.343	ng	0.00
8) Nitrobenzene-d5	9.014	82	3308	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	8310	0.345	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	1201	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	13128	0.356	ng	-0.01
27) Fluoranthene-d10	19.265	212	18589	0.339	ng	0.00
31) Terphenyl-d14	19.864	244	11126	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	703	0.105	ng	96
3) n-Nitrosodimethylamine	3.579	42	685	0.087	ng	# 98
6) bis(2-Chloroethyl)ether	7.269	93	1449	0.095	ng	98
9) Naphthalene	10.712	128	4302	0.104	ng	97
10) Hexachlorobutadiene	11.011	225	1020	0.101	ng	# 99
12) 2-Methylnaphthalene	12.325	142	2758	0.098	ng	97
16) Acenaphthylene	14.217	152	3550	0.083	ng	98
17) Acenaphthene	14.559	154	2797	0.093	ng	99
18) Fluorene	15.543	166	3300	0.088	ng	99
20) 4,6-Dinitro-2-methylph...	15.639	198	118	0.052	ng	# 1
21) 4-Bromophenyl-phenylether	16.425	248	955	0.082	ng	# 83
22) Hexachlorobenzene	16.549	284	1569	0.104	ng	99
23) Atrazine	16.692	200	719	0.083	ng	92
24) Pentachlorophenol	16.897	266	230	0.050	ng	95
25) Phenanthrene	17.277	178	5149	0.089	ng	98
26) Anthracene	17.369	178	3711	0.076	ng	99
28) Fluoranthene	19.295	202	5937	0.088	ng	99
30) Pyrene	19.657	202	6101	0.112	ng	97
32) Benzo(a)anthracene	21.404	228	2594	0.077	ng	95
33) Chrysene	21.458	228	4608	0.101	ng	96
34) Bis(2-ethylhexyl)phtha...	21.333	149	2411	0.108	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.267	276	2982m	0.101	ng	
37) Benzo(b)fluoranthene	23.074	252	2810	0.094	ng	# 39
38) Benzo(k)fluoranthene	23.118	252	3779m	0.093	ng	
39) Benzo(a)pyrene	23.694	252	2904	0.107	ng	# 1
40) Dibenzo(a,h)anthracene	26.287	278	2305m	0.100	ng	
41) Benzo(g,h,i)perylene	26.998	276	2747	0.095	ng	# 85

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

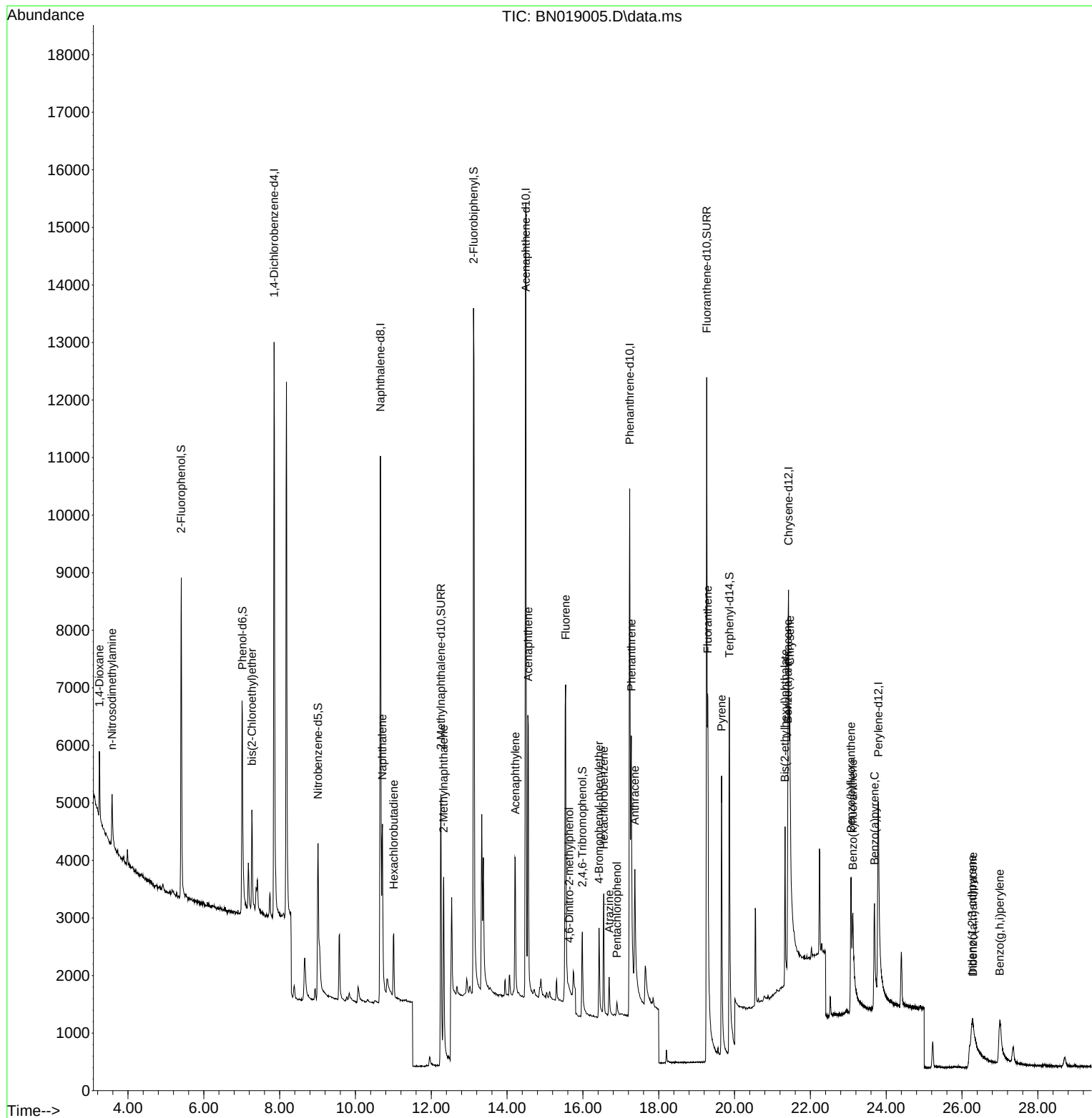
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031722\
Data File : BN019005.D
Acq On : 17 Mar 2022 21:31
Operator : CG/JU
Sample : N1645-01
Misc : LOD-MDL-SOIL 0.1ng
ALS Vial : 12 Sample Multiplier: 1

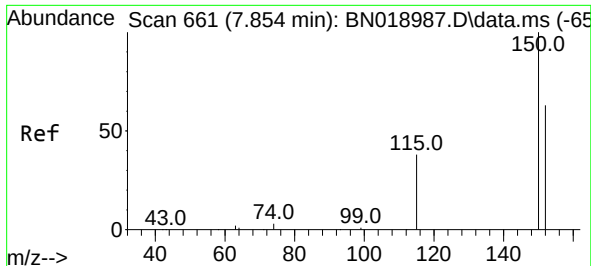
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 18 12:11:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 12:09:56 2022
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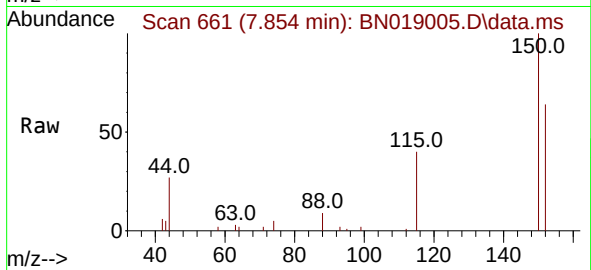
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

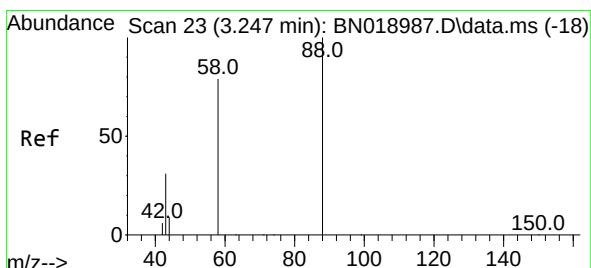
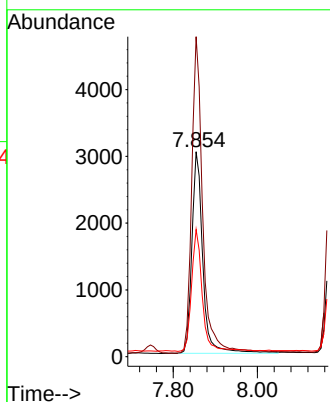
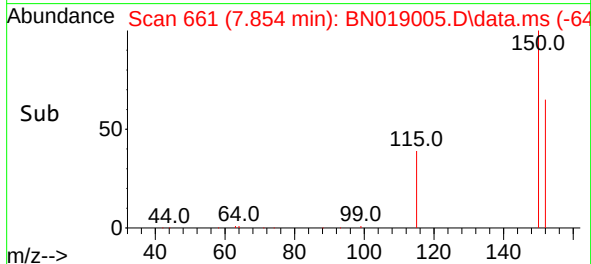
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



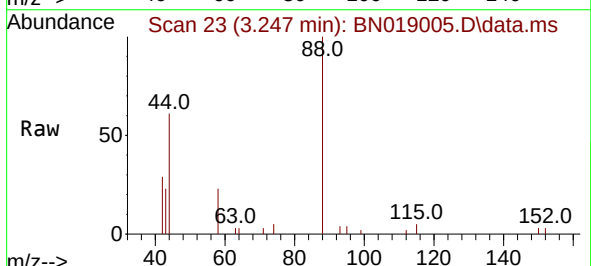
Tgt Ion: 152 Resp: 544
Ion Ratio Lower Upper
152 100
150 156.1 123.9 185.9
115 62.1 48.2 72.4

Manual Integrations
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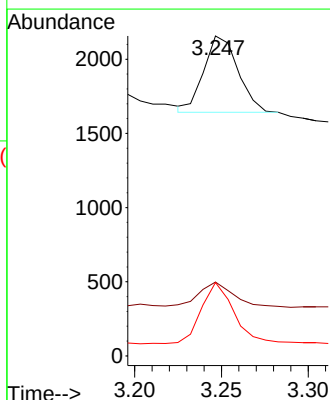
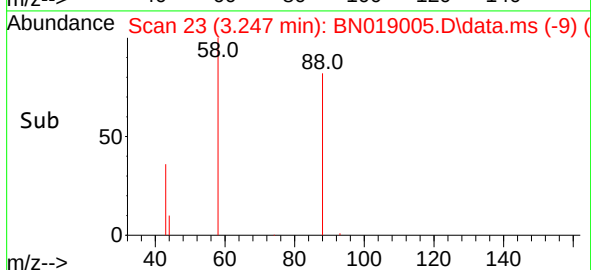
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022

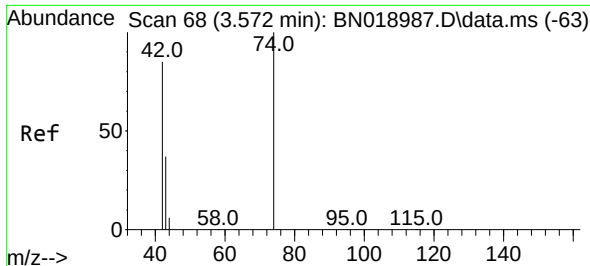


#2
1,4-Dioxane
Concen: 0.105 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



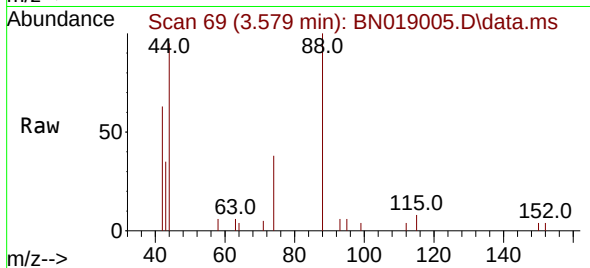
Tgt Ion: 88 Resp: 703
Ion Ratio Lower Upper
88 100
43 31.6 24.6 37.0
58 77.4 65.4 98.2





#3
n-Nitrosodimethylamine
Concen: 0.087 ng
RT: 3.579 min Scan# 68
Delta R.T. 0.007 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

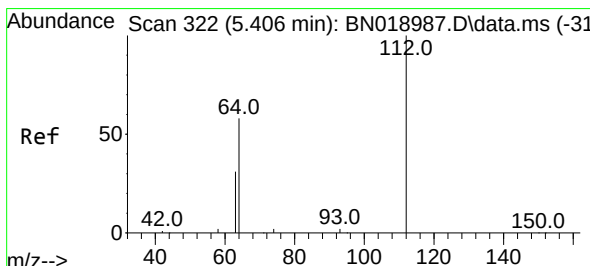
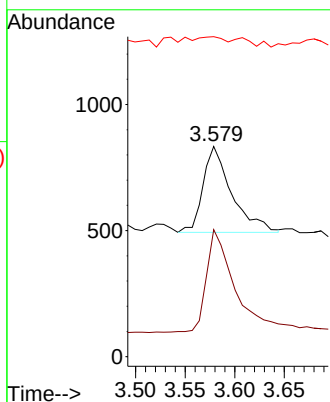
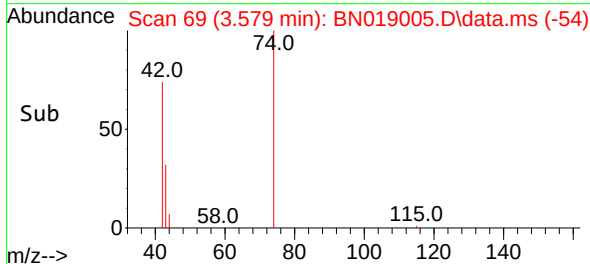
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 42 Resp: 68
Ion Ratio Lower Upper
42 100
74 122.6 96.9 145.3
44 5.5 7.3 10.9

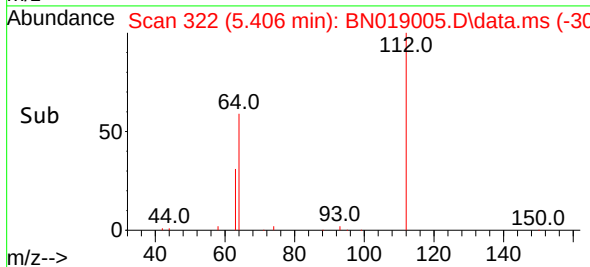
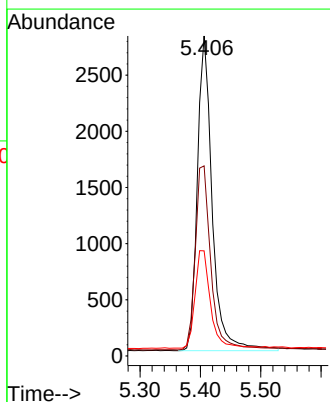
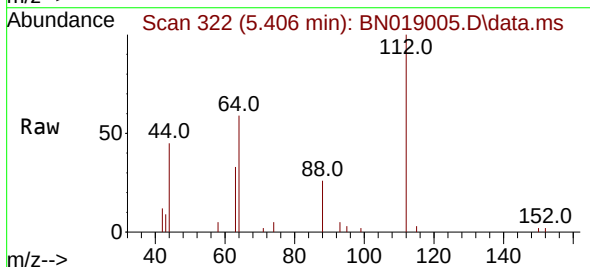
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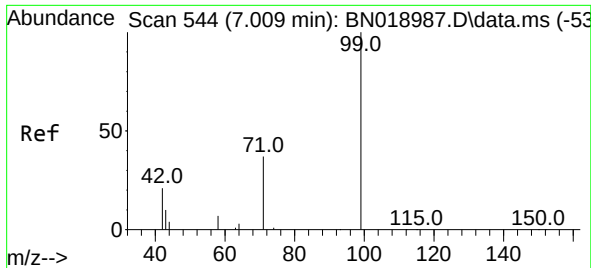
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#4
2-Fluorophenol
Concen: 0.392 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

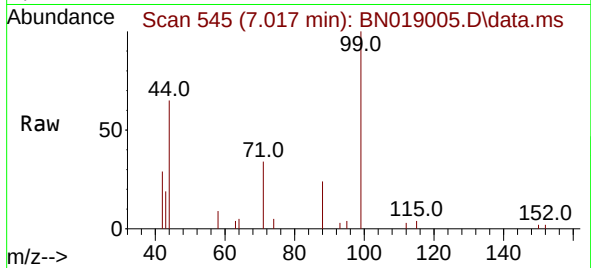
Tgt Ion:112 Resp: 4782
Ion Ratio Lower Upper
112 100
64 61.8 47.8 71.8
63 32.1 25.7 38.5





#5
Phenol-d6
Concen: 0.343 ng
RT: 7.017 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

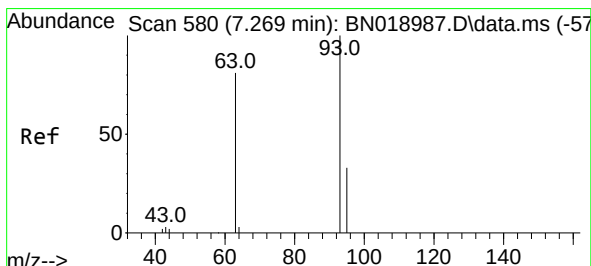
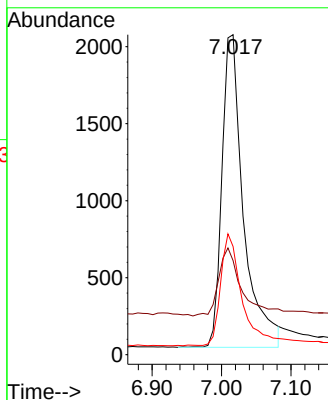
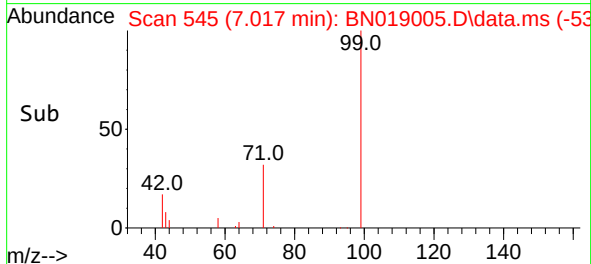
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 99 Resp: 438
Ion Ratio Lower Upper
99 100
42 22.5 16.2 24.4
71 35.3 27.7 41.5

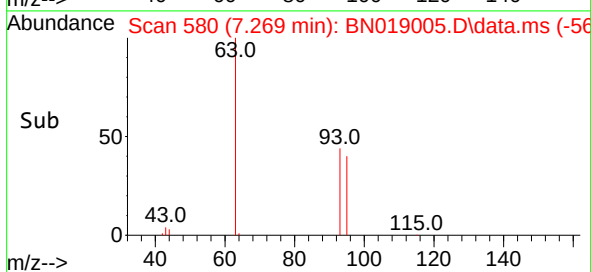
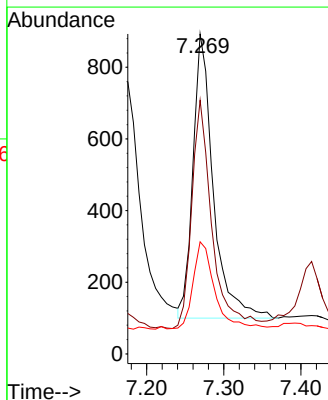
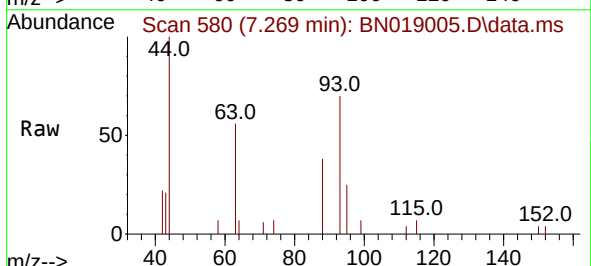
Manual Integrations
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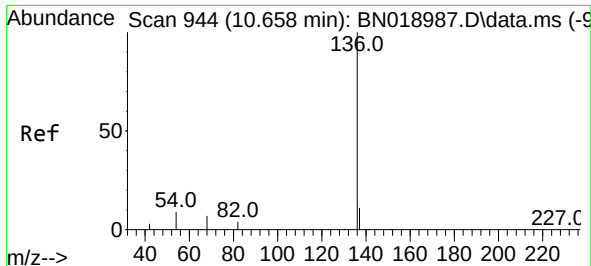
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#6
bis(2-Chloroethyl)ether
Concen: 0.095 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

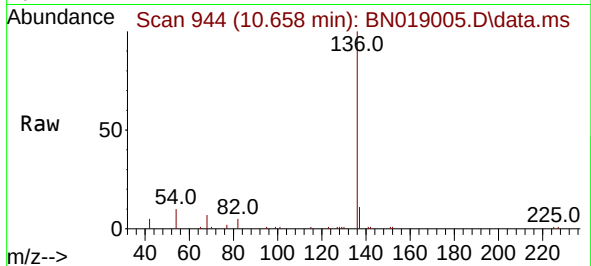
Tgt Ion: 93 Resp: 1449
Ion Ratio Lower Upper
93 100
63 80.9 62.8 94.2
95 32.5 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

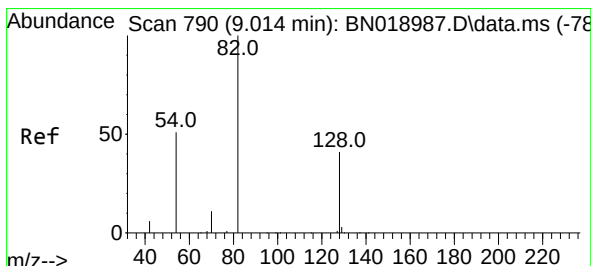
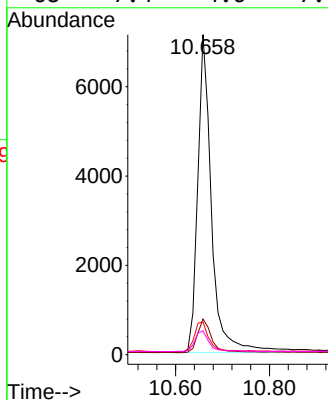
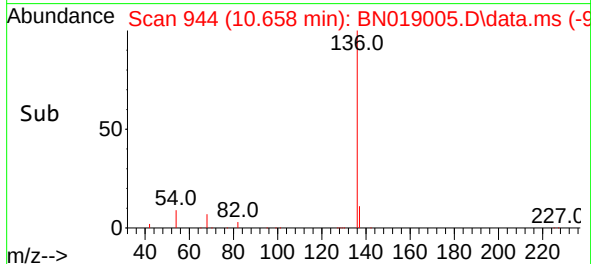
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:	136	Resp:	14504
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	10.3	5.8	8.6
68	7.4	4.6	7.0

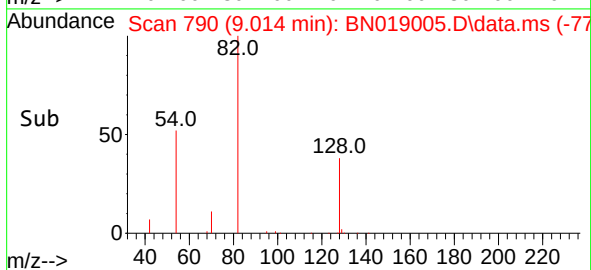
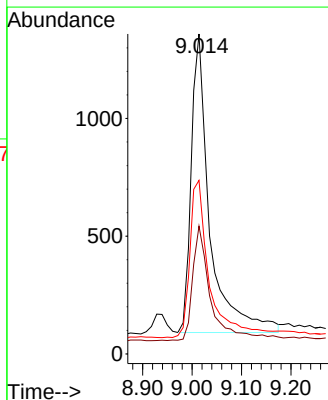
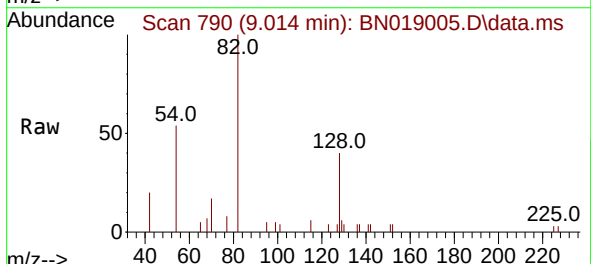
Manual Integrations
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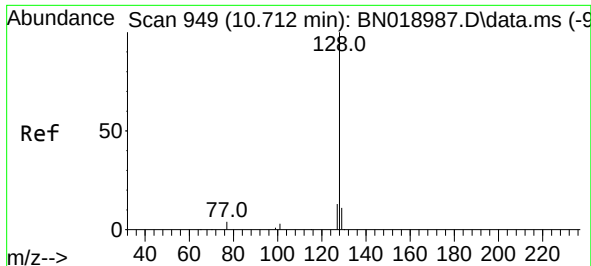
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

Tgt Ion:	82	Resp:	3308
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.6
54	54.2	42.5	63.7





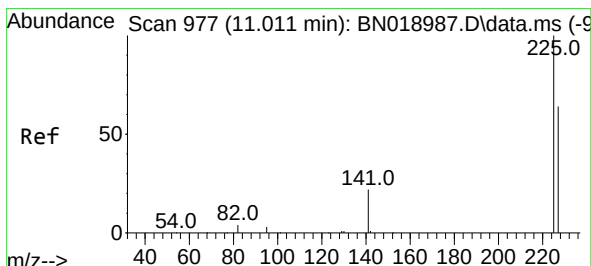
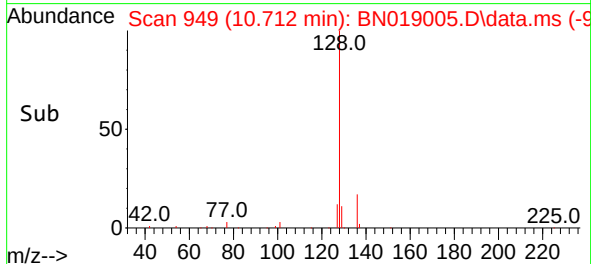
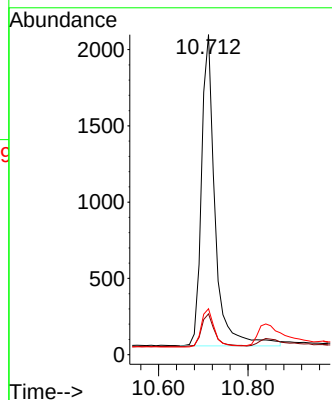
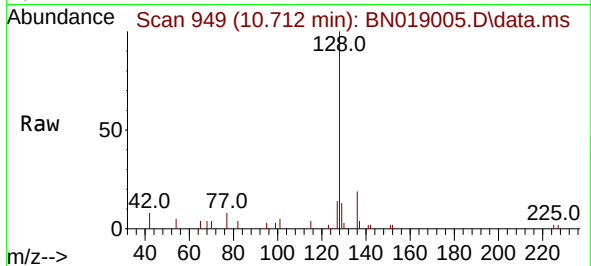
#9
Naphthalene
Concen: 0.104 ng
RT: 10.712 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:128 Resp: 430
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.4
127 14.3 10.7 16.1

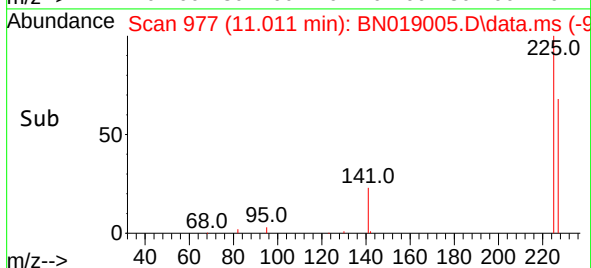
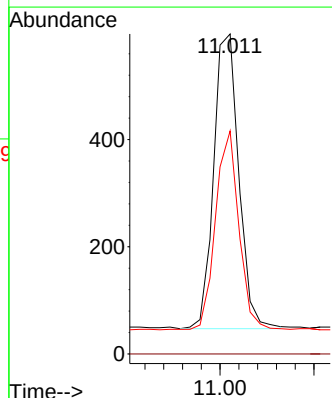
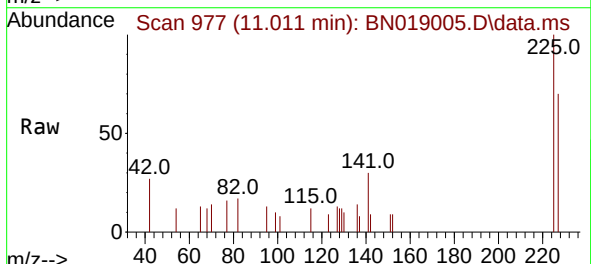
Manual Integrations
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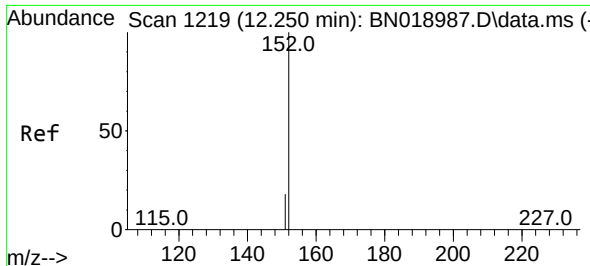
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#10
Hexachlorobutadiene
Concen: 0.101 ng
RT: 11.011 min Scan# 977
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

Tgt Ion:225 Resp: 1020
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 62.8 51.0 76.6





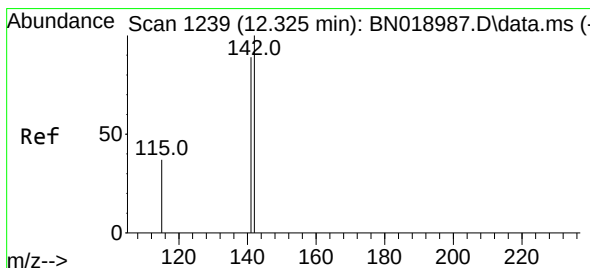
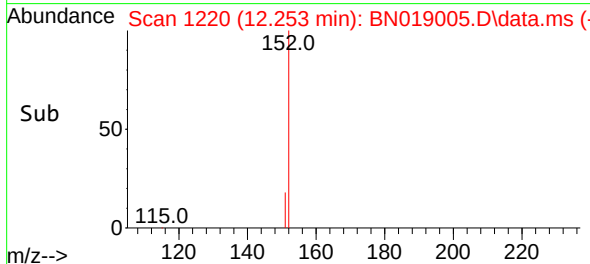
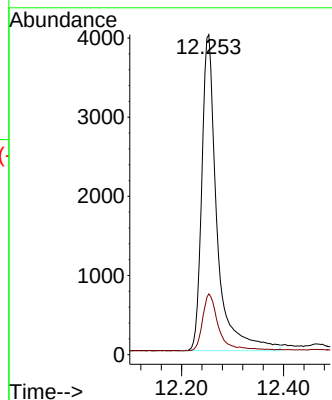
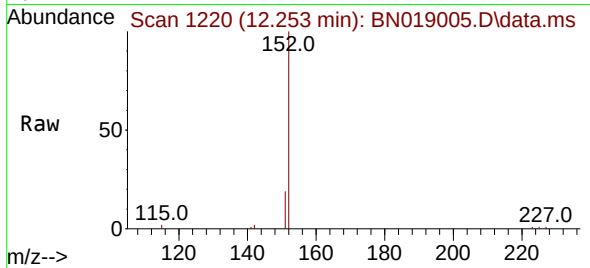
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.253 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:152 Resp: 8310
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7

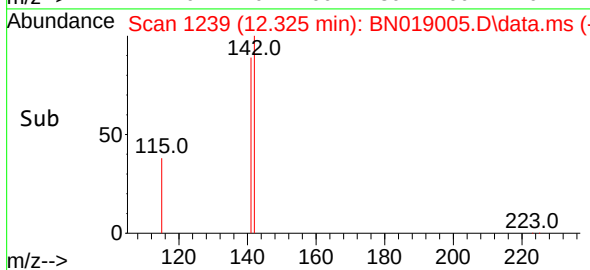
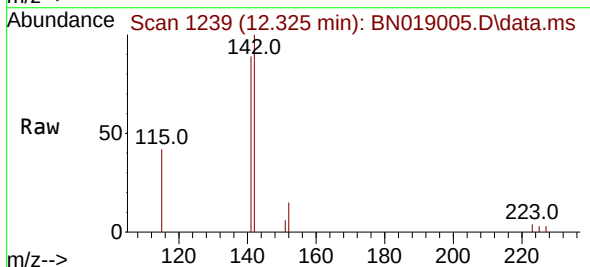
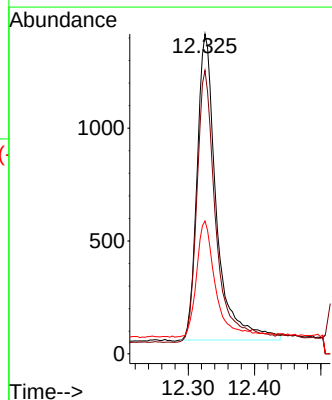
Manual Integrations
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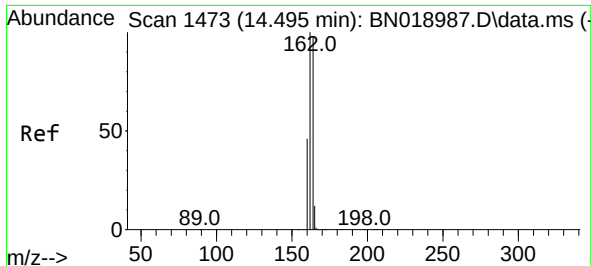
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#12
2-Methylnaphthalene
Concen: 0.098 ng
RT: 12.325 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

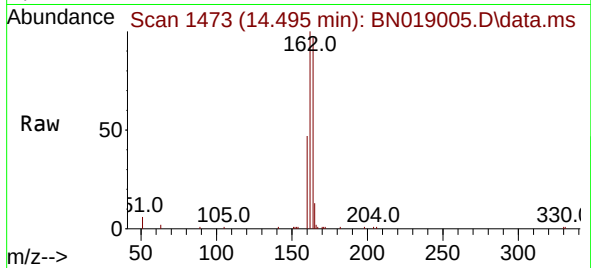
Tgt Ion:142 Resp: 2758
Ion Ratio Lower Upper
142 100
141 88.6 70.0 105.0
115 41.5 29.8 44.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

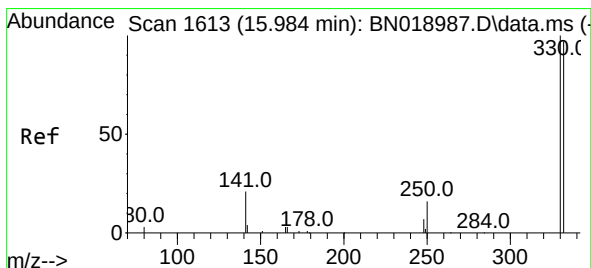
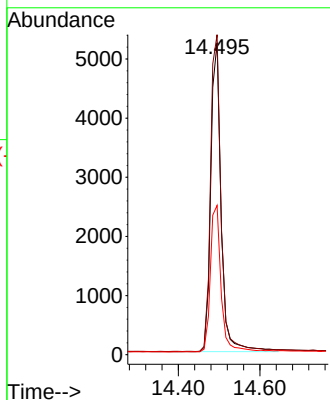
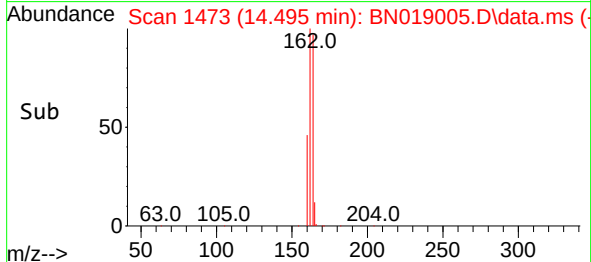
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



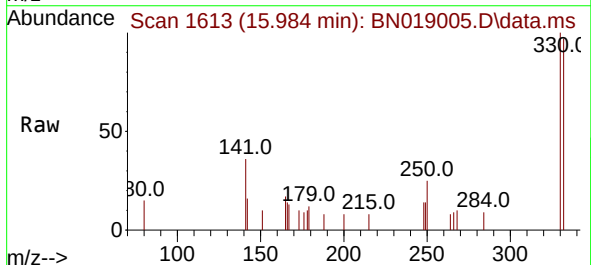
Tgt Ion:164 Resp: 9190
Ion Ratio Lower Upper
164 100
162 102.6 85.2 127.8
160 47.9 41.5 62.3

Manual Integrations
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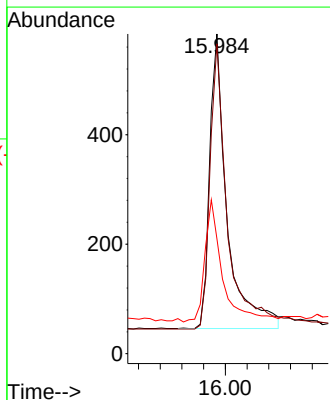
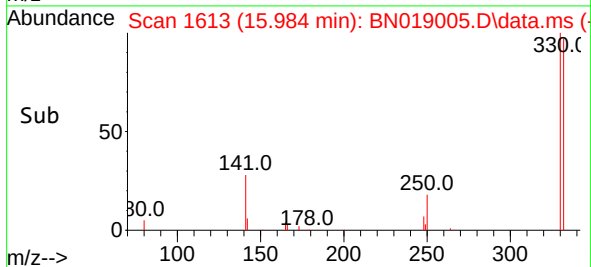
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

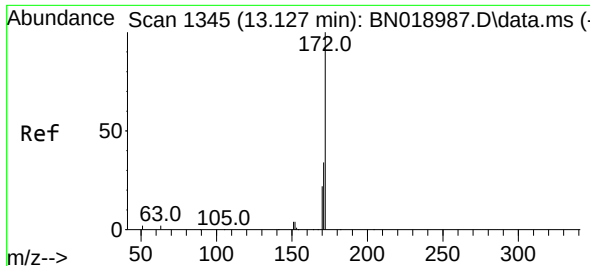


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



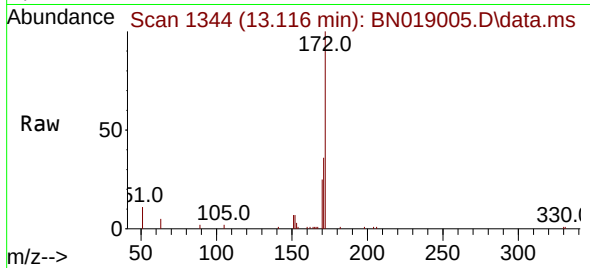
Tgt Ion:330 Resp: 1201
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 41.8 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 13.116 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

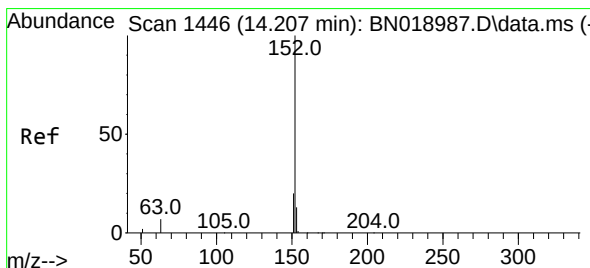
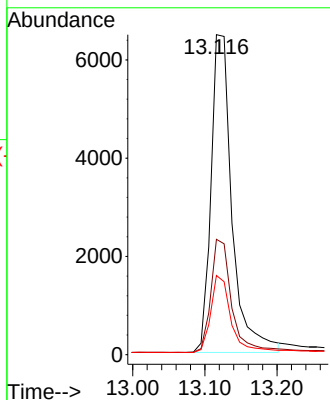
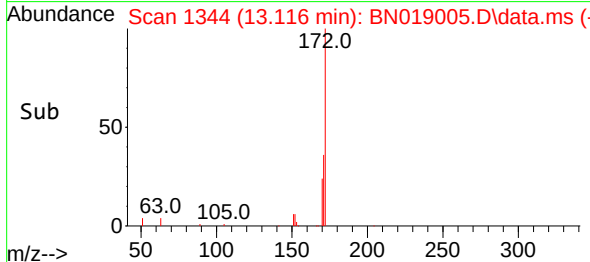
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



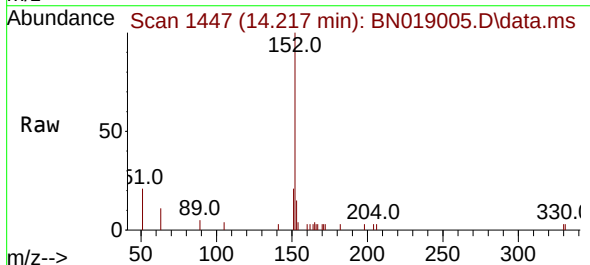
Tgt Ion:172 Resp: 13128
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 24.8 18.7 28.1

Manual Integrations
APPROVED

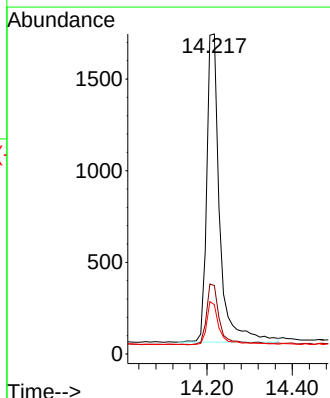
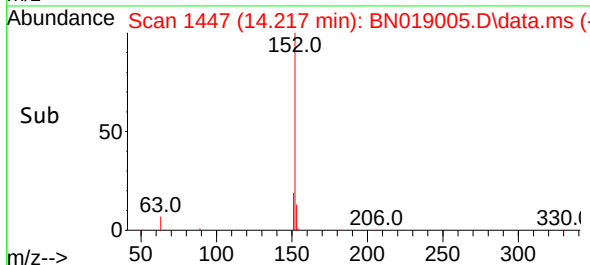
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

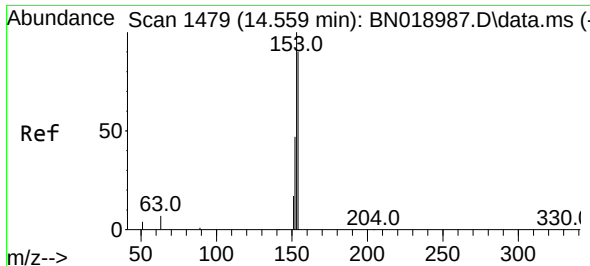


#16
Acenaphthylene
Concen: 0.083 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



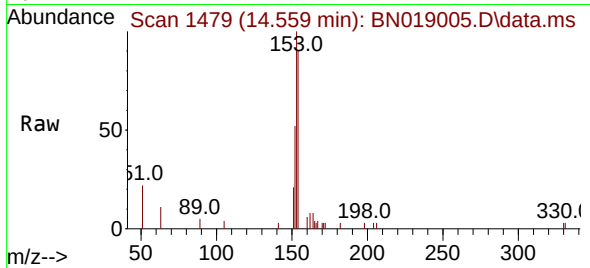
Tgt Ion:152 Resp: 3550
Ion Ratio Lower Upper
152 100
151 19.4 15.9 23.9
153 14.3 10.6 15.8





#17
Acenaphthene
Concen: 0.093 ng
RT: 14.559 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

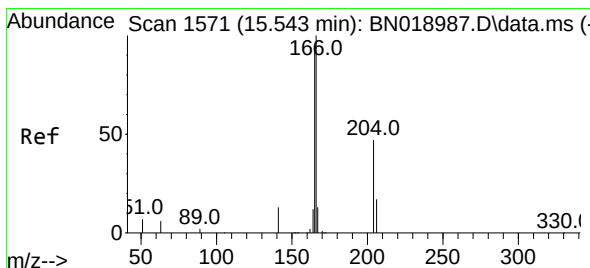
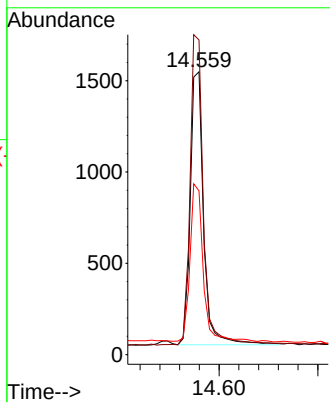
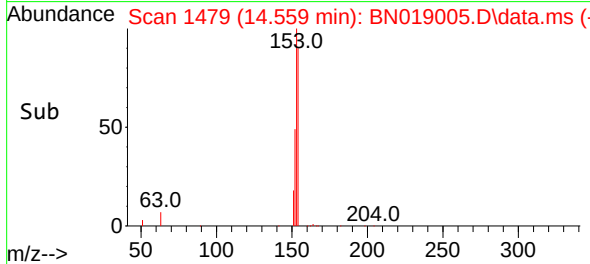
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



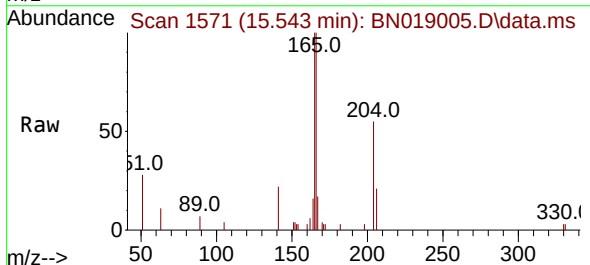
Tgt Ion:154 Resp: 279
Ion Ratio Lower Upper
154 100
153 113.0 89.7 134.5
152 56.6 44.7 67.1

Manual Integrations
APPROVED

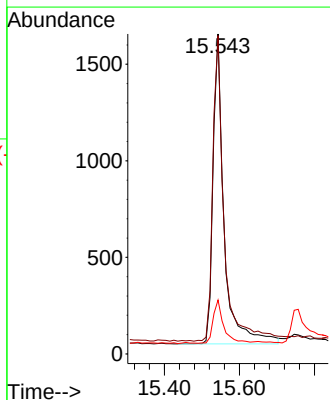
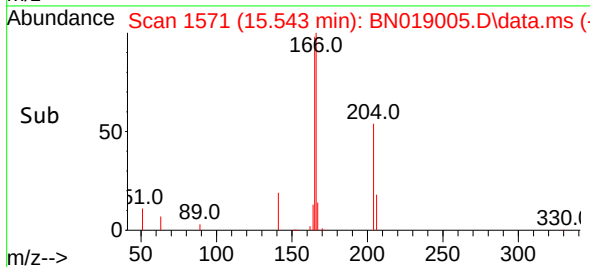
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

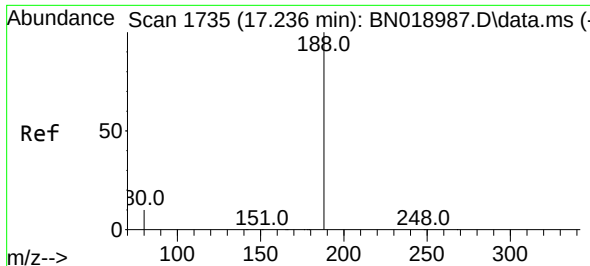


#18
Fluorene
Concen: 0.088 ng
RT: 15.543 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



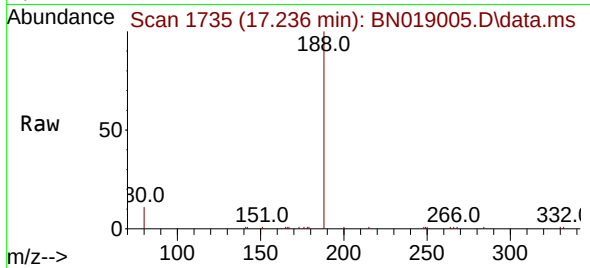
Tgt Ion:166 Resp: 3300
Ion Ratio Lower Upper
166 100
165 99.8 79.2 118.8
167 13.2 10.7 16.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

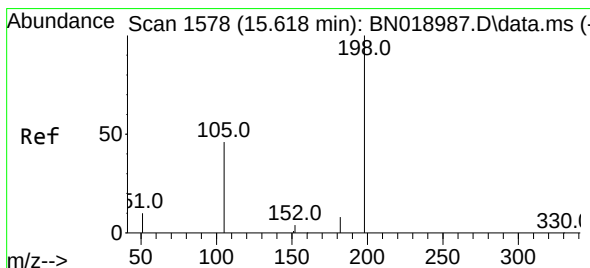
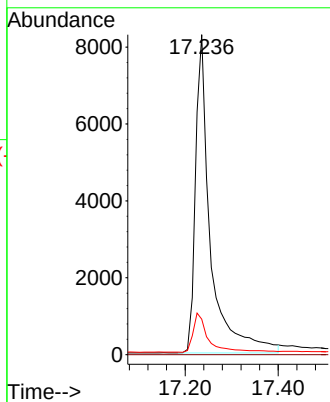
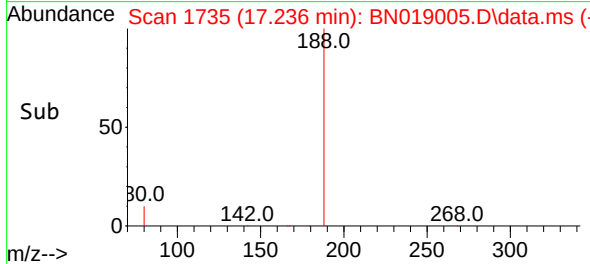
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:188 Resp: 1848
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 11.8 17.8

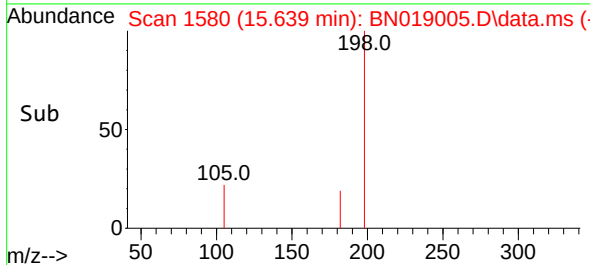
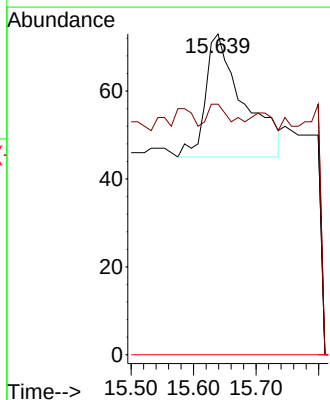
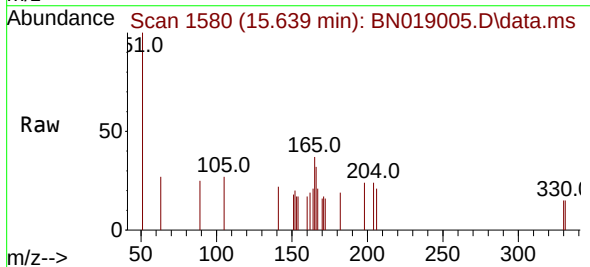
Manual Integrations
APPROVED

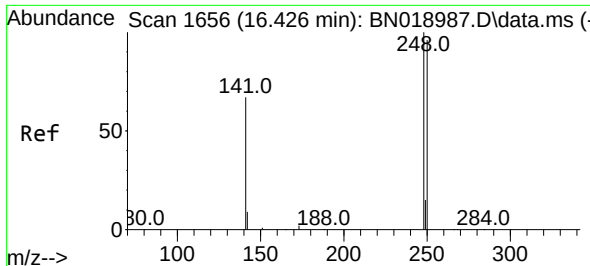
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#20
4,6-Dinitro-2-methylphenol
Concen: 0.052 ng
RT: 15.639 min Scan# 1580
Delta R.T. 0.021 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

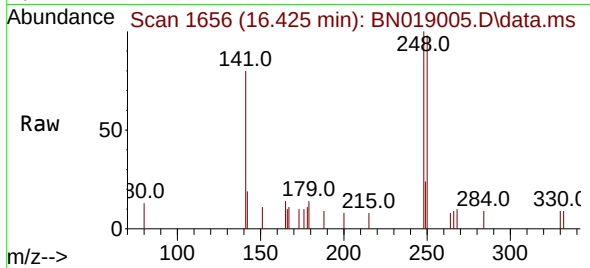
Tgt Ion:198 Resp: 118
Ion Ratio Lower Upper
198 100
182 78.1 13.0 19.4#
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.082 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

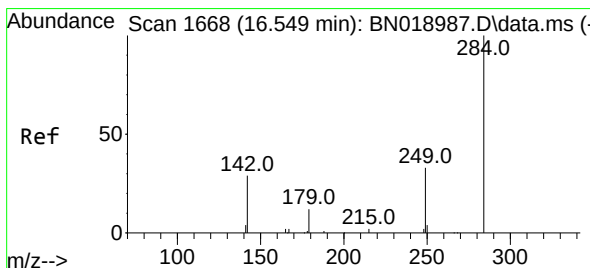
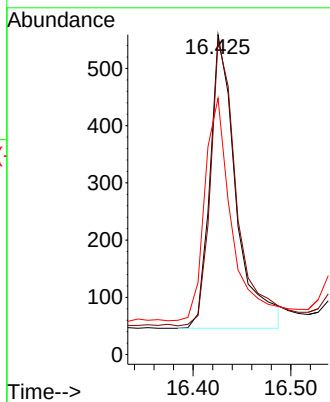
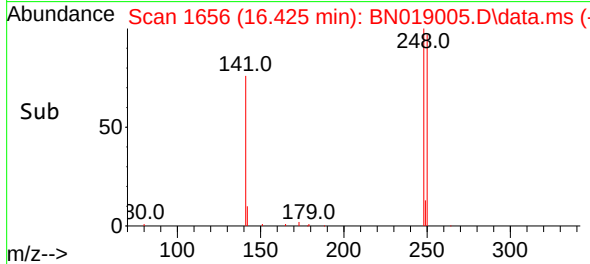
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



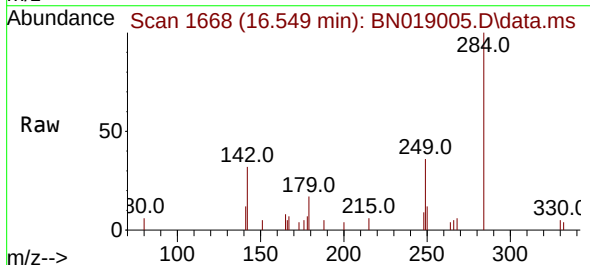
Tgt Ion:248 Resp: 95
Ion Ratio Lower Upper
248 100
250 98.2 80.7 121.1
141 80.1 39.6 59.4

Manual Integrations
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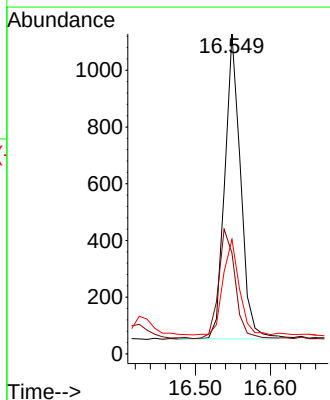
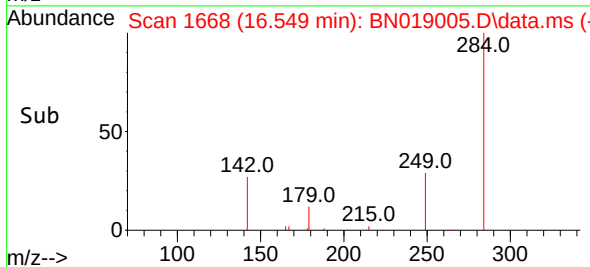
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

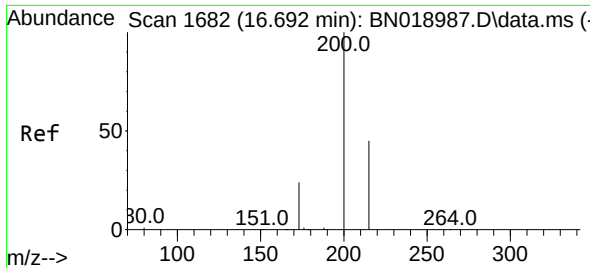


#22
Hexachlorobenzene
Concen: 0.104 ng
RT: 16.549 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



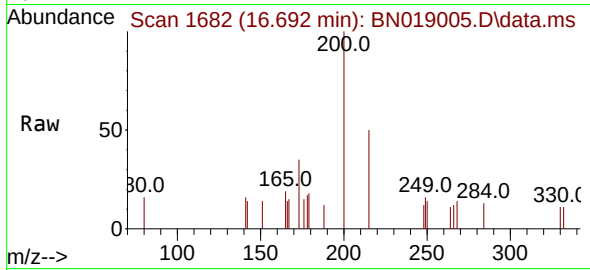
Tgt Ion:284 Resp: 1569
Ion Ratio Lower Upper
284 100
142 37.6 29.8 44.8
249 32.1 26.2 39.2





#23
Atrazine
Concen: 0.083 ng
RT: 16.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

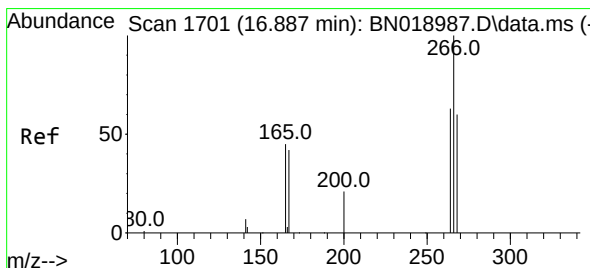
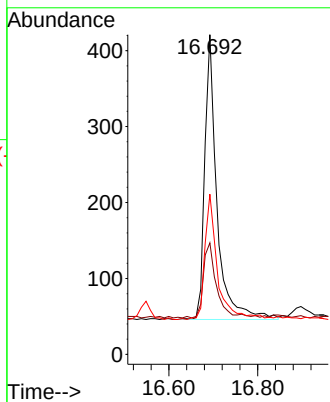
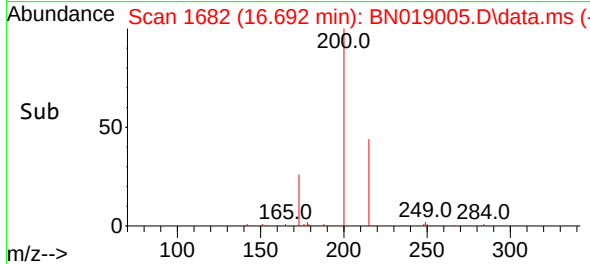
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:200 Resp: 719
Ion Ratio Lower Upper
200 100
173 34.9 23.9 35.9
215 50.1 36.6 54.8

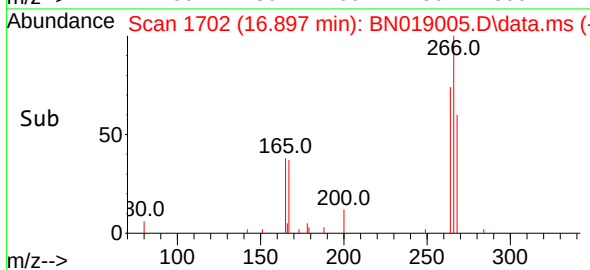
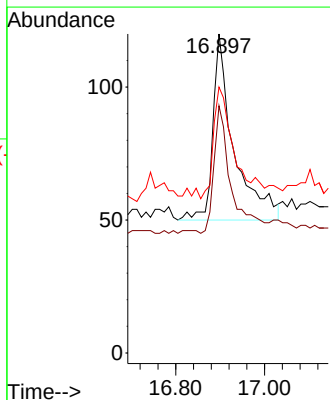
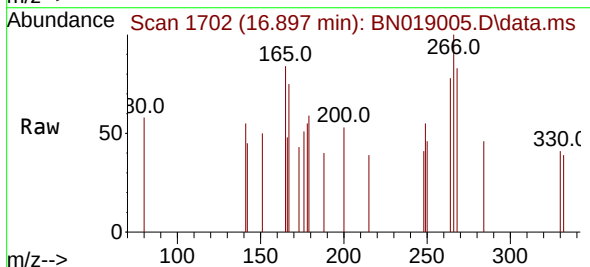
Manual Integrations
APPROVED

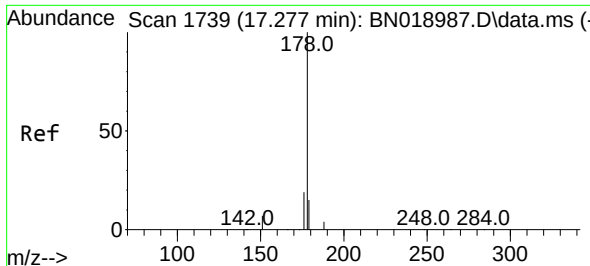
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#24
Pentachlorophenol
Concen: 0.050 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

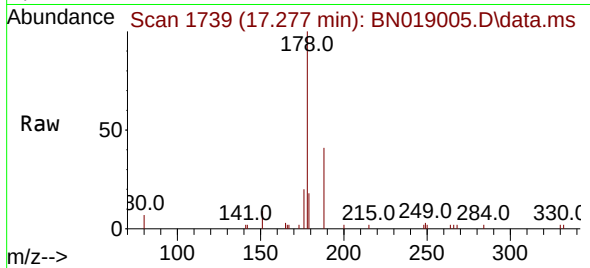
Tgt Ion:266 Resp: 230
Ion Ratio Lower Upper
266 100
264 56.1 50.2 75.4
268 63.0 51.9 77.9





#25
Phenanthrene
Concen: 0.089 ng
RT: 17.277 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

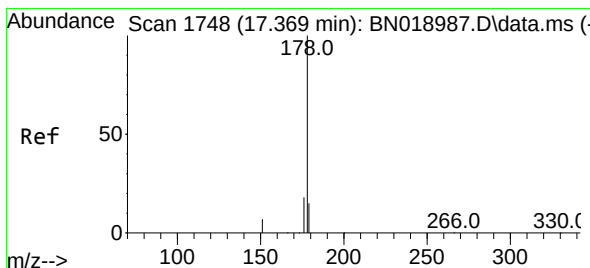
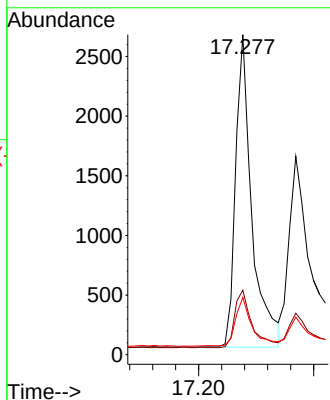
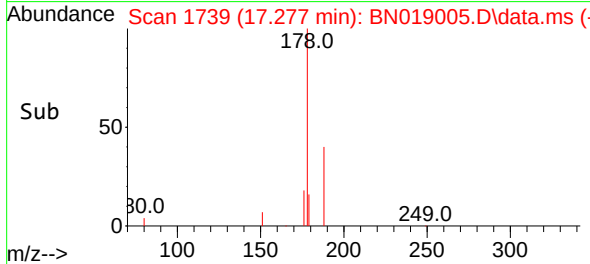
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



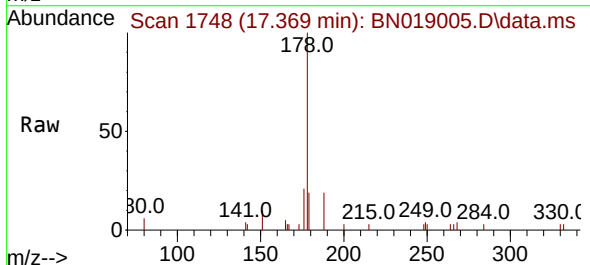
Tgt Ion:178 Resp: 5149
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.3 12.2 18.2

Manual Integrations
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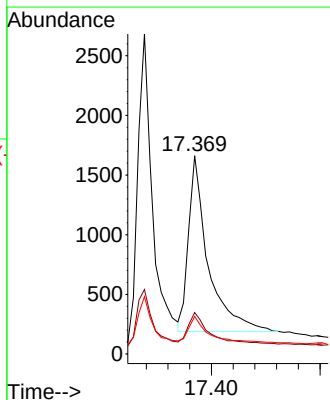
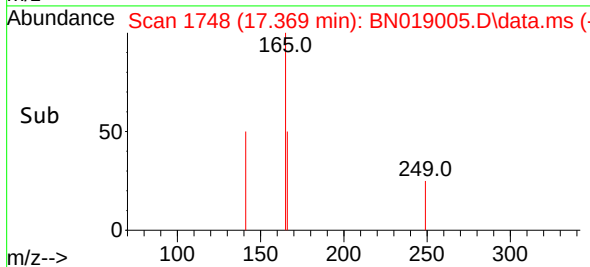
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022

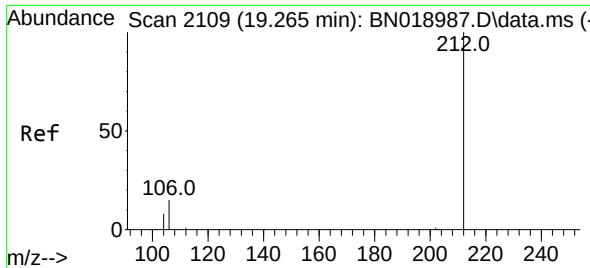


#26
Anthracene
Concen: 0.076 ng
RT: 17.369 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



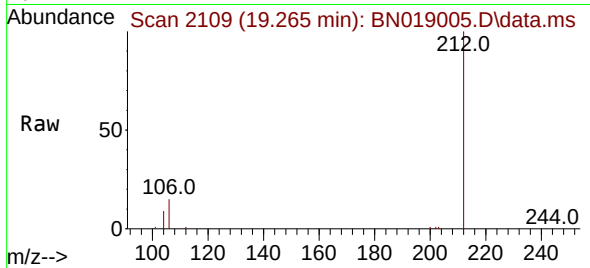
Tgt Ion:178 Resp: 3711
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 14.8 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.339 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

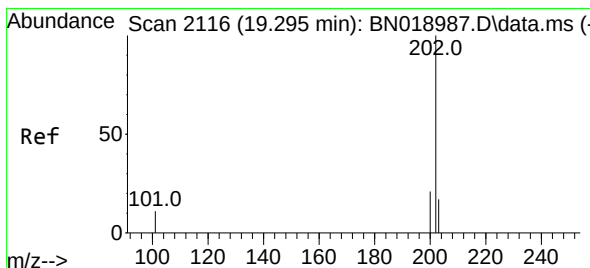
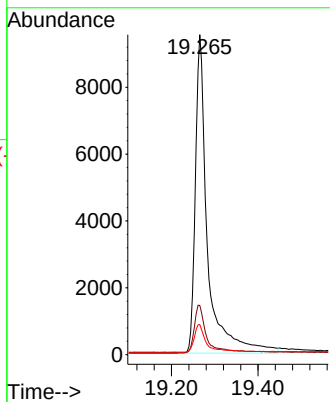
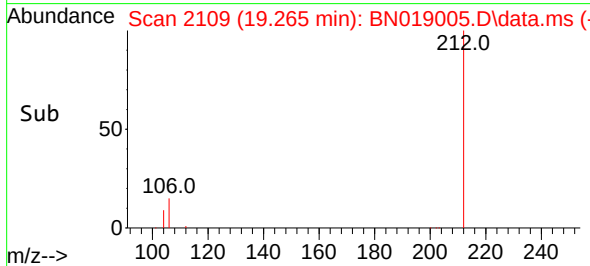
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:212 Resp: 18589
Ion Ratio Lower Upper
212 100
106 15.3 12.7 19.1
104 8.5 7.1 10.7

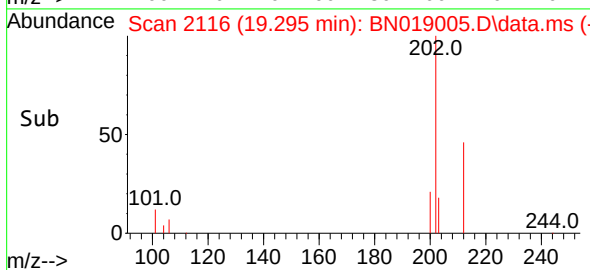
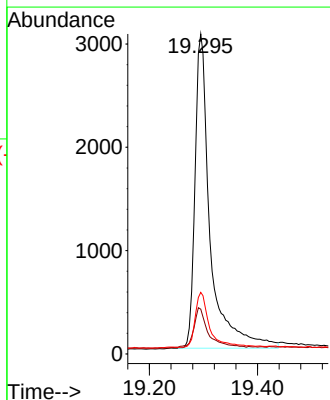
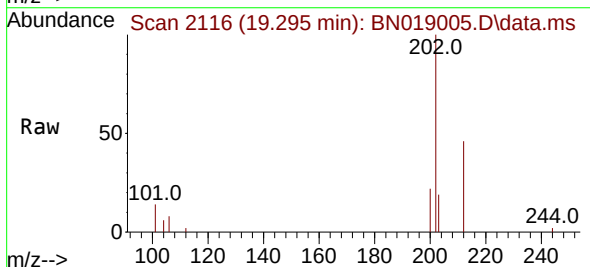
Manual Integrations
APPROVED

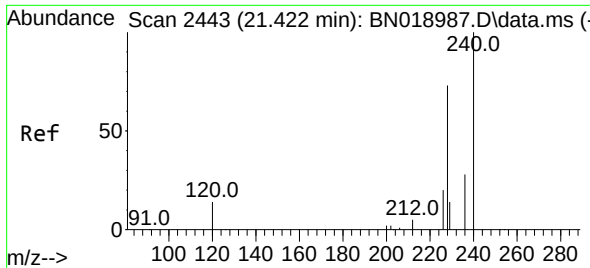
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#28
Fluoranthene
Concen: 0.088 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

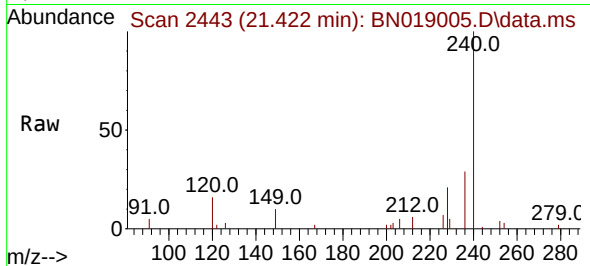
Tgt Ion:202 Resp: 5937
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.6
203 16.4 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

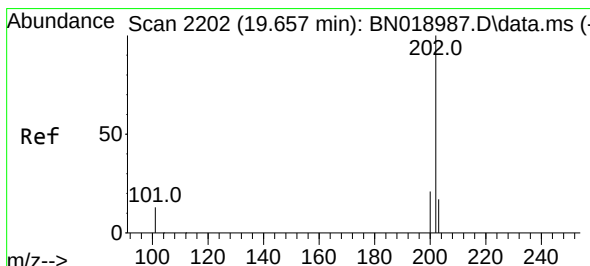
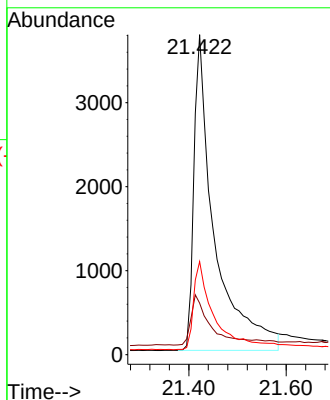
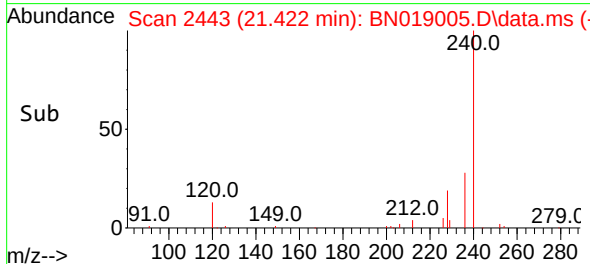
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:240 Resp: 10969
Ion Ratio Lower Upper
240 100
120 16.1 8.5 12.7
236 29.1 22.4 33.6

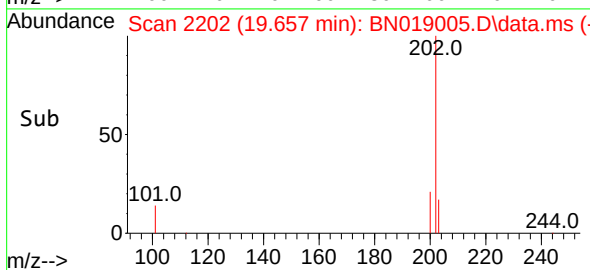
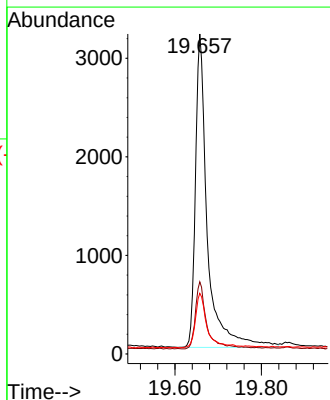
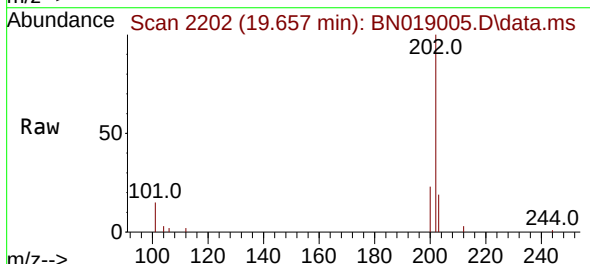
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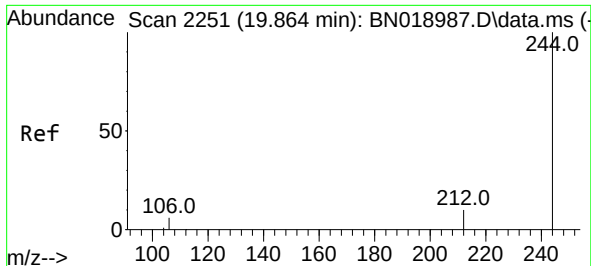
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#30
Pyrene
Concen: 0.112 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

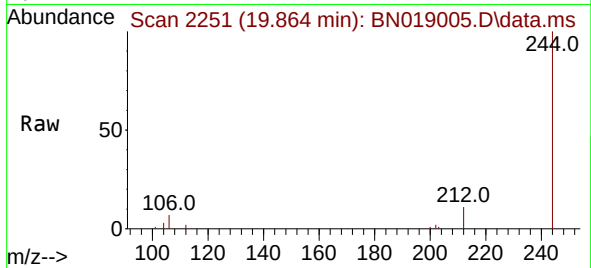
Tgt Ion:202 Resp: 6101
Ion Ratio Lower Upper
202 100
200 19.2 16.9 25.3
203 16.5 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.864 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: BN019005.D
 Acq: 17 Mar 2022 21:31

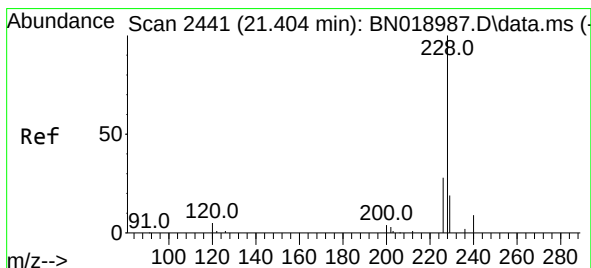
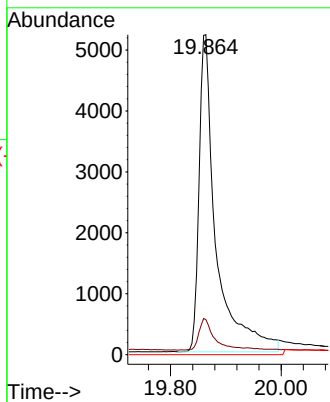
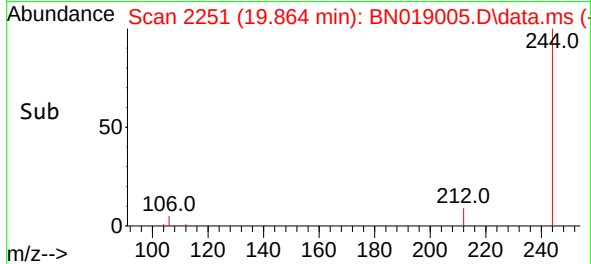
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



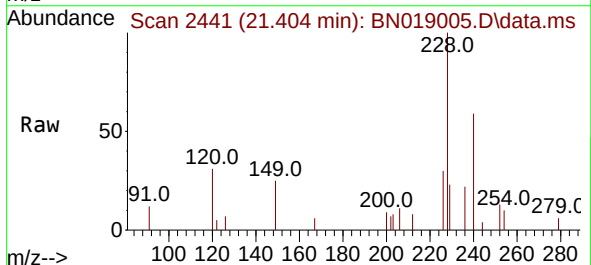
Tgt Ion:244 Resp: 11120
 Ion Ratio Lower Upper
 244 100
 212 10.9 8.2 12.4
 122 0.0 0.0 0.0

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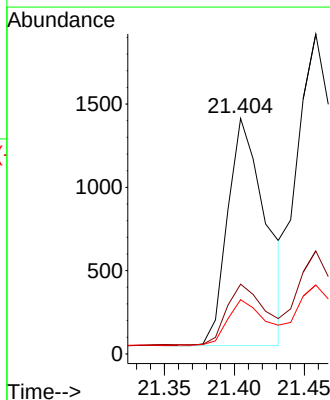
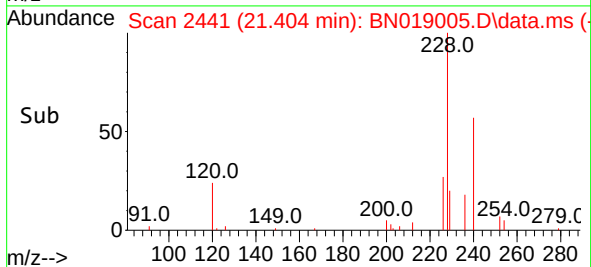
Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022

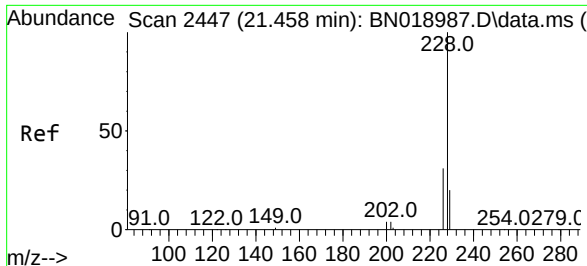


#32
 Benzo(a)anthracene
 Concen: 0.077 ng
 RT: 21.404 min Scan# 2441
 Delta R.T. -0.000 min
 Lab File: BN019005.D
 Acq: 17 Mar 2022 21:31



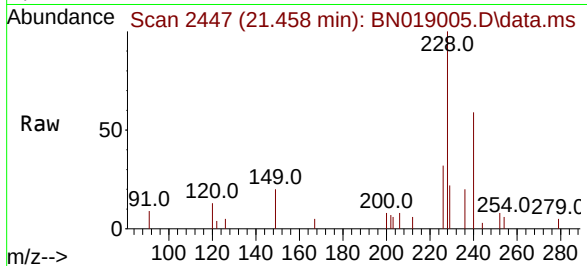
Tgt Ion:228 Resp: 2594
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.9 32.9
 229 23.0 16.0 24.0





#33
Chrysene
Concen: 0.101 ng
RT: 21.458 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

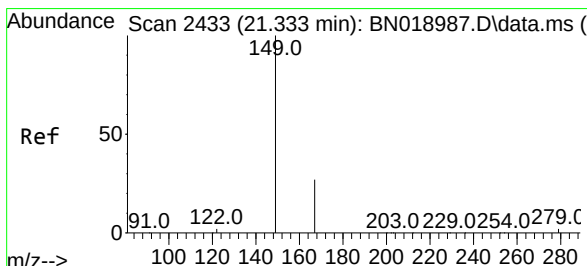
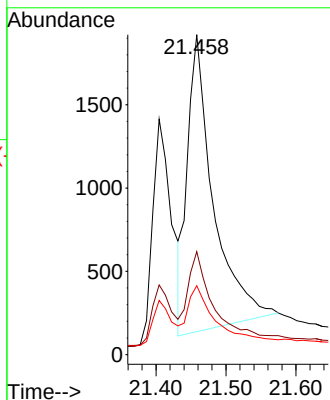
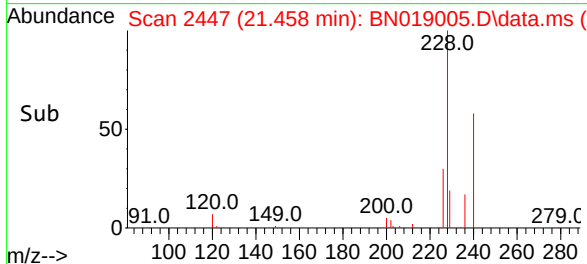
Instrument : BNA_N
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



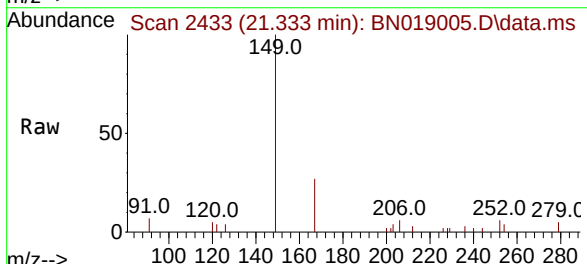
Tgt Ion: 228 Resp: 4608
Ion Ratio Lower Upper
228 100
226 32.2 24.0 36.0
229 21.6 15.9 23.9

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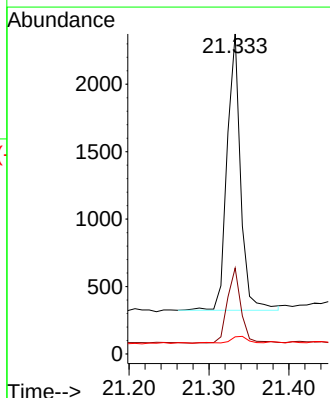
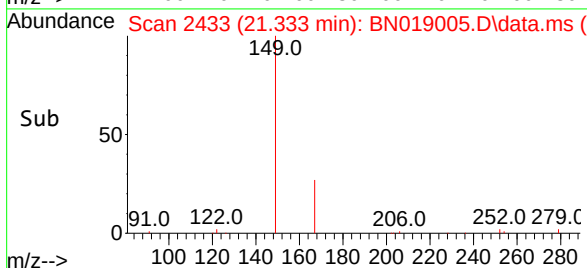
Reviewed By : Christian Giraldo 03/18/2022
Supervised By : Jagrut Upadhyay 03/18/2022

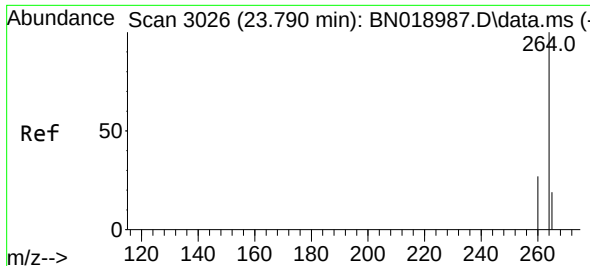


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.108 ng
RT: 21.333 min Scan# 2433
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31



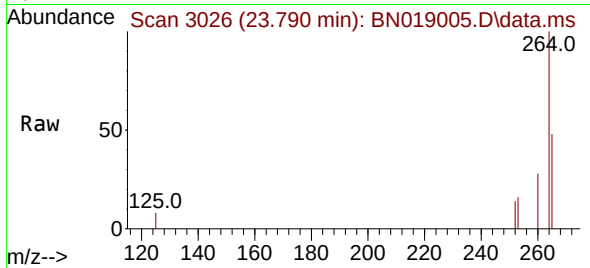
Tgt Ion: 149 Resp: 2411
Ion Ratio Lower Upper
149 100
167 27.4 21.8 32.8
279 3.3 2.0 3.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 3026
 Delta R.T. -0.000 min
 Lab File: BN019005.D
 Acq: 17 Mar 2022 21:31

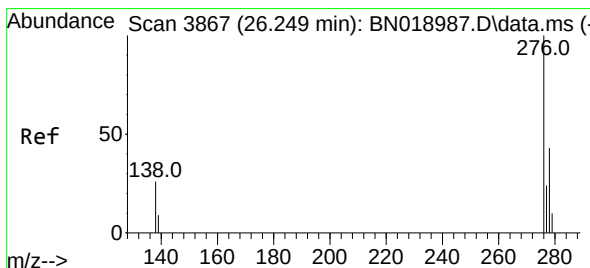
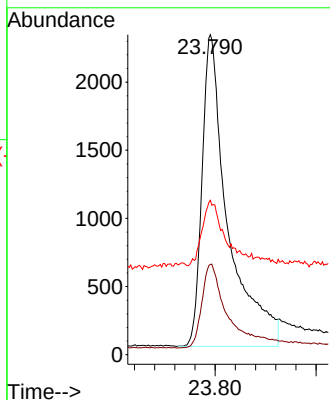
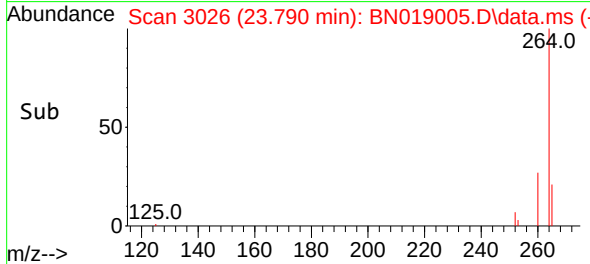
Instrument :
 BNA_N
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:264 Resp: 816
 Ion Ratio Lower Upper
 264 100
 260 28.2 22.4 33.6
 265 48.3 25.3 37.9

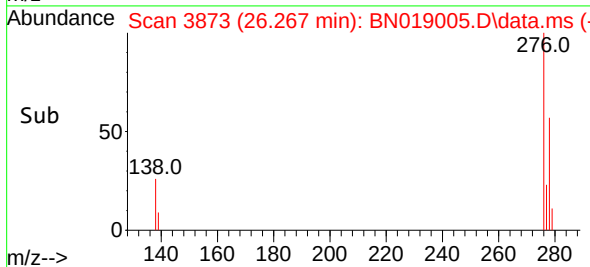
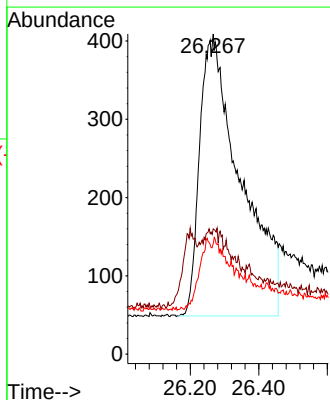
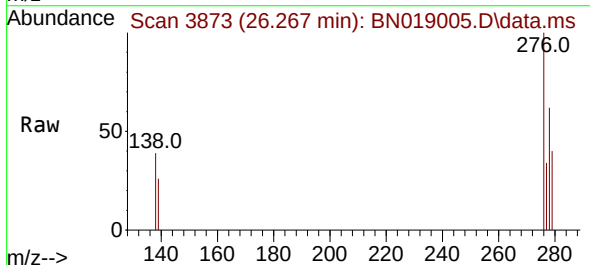
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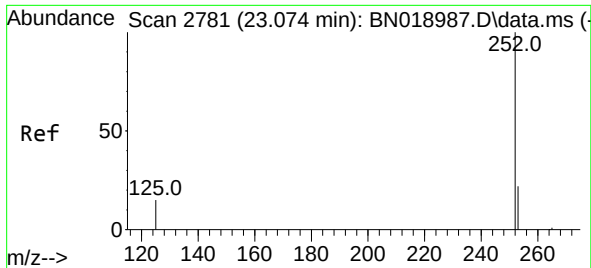
Reviewed By :Christian Giraldo 03/18/2022
 Supervised By :Jagrut Upadhyay 03/18/2022



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.101 ng m
 RT: 26.267 min Scan# 3873
 Delta R.T. 0.018 min
 Lab File: BN019005.D
 Acq: 17 Mar 2022 21:31

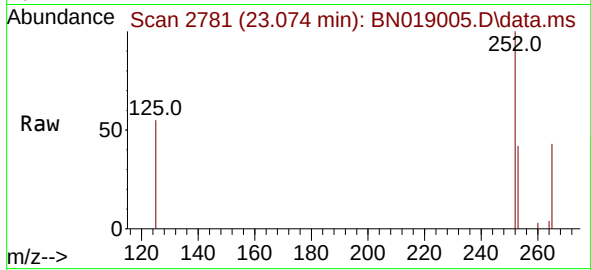
Tgt Ion:276 Resp: 2982
 Ion Ratio Lower Upper
 276 100
 138 0.0 24.5 36.7#
 277 7.1 19.8 29.8#





#37
Benzo(b)fluoranthene
Concen: 0.094 ng
RT: 23.074 min Scan# 2781
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

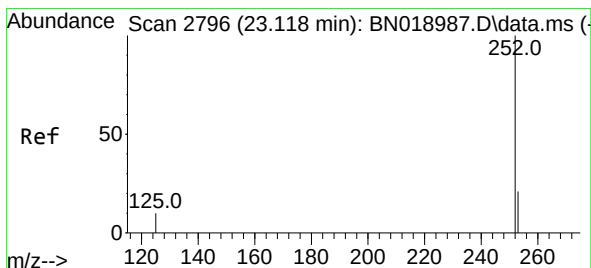
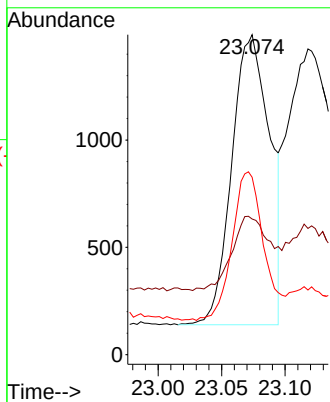
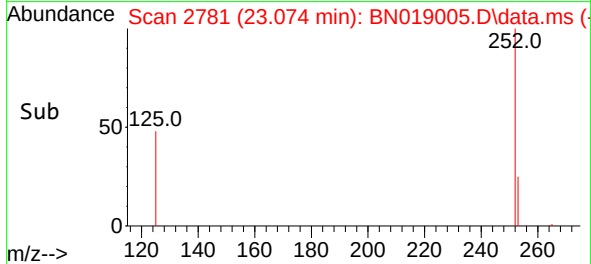
Instrument :
BNA_N
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:252 Resp: 2810
Ion Ratio Lower Upper
252 100
253 42.4 18.9 28.3#
125 55.5 12.1 18.1#

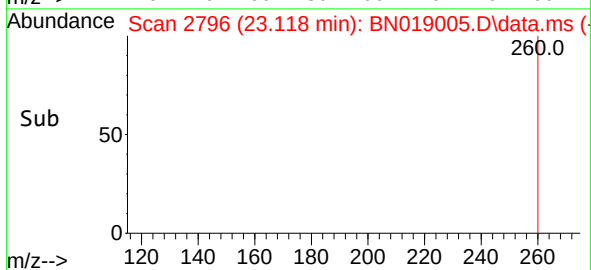
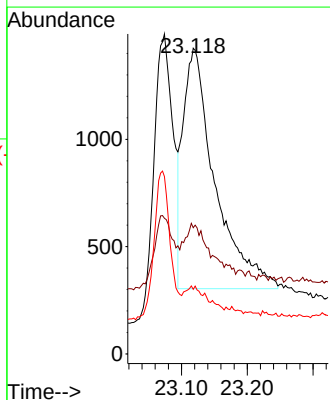
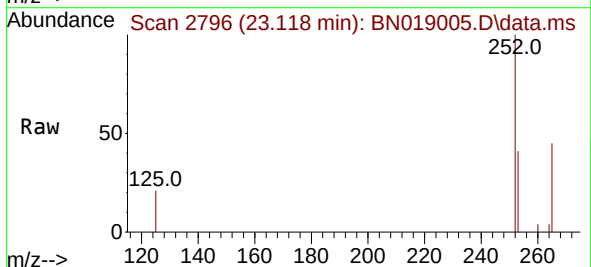
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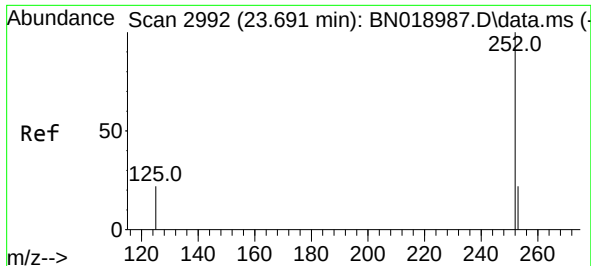
Reviewed By :Christian Giraldo 03/18/2022
Supervised By :Jagrut Upadhyay 03/18/2022



#38
Benzo(k)fluoranthene
Concen: 0.093 ng m
RT: 23.118 min Scan# 2796
Delta R.T. -0.000 min
Lab File: BN019005.D
Acq: 17 Mar 2022 21:31

Tgt Ion:252 Resp: 3779
Ion Ratio Lower Upper
252 100
253 41.3 18.9 28.3#
125 21.1 10.3 15.5#





#39

Benzo(a)pyrene

Concen: 0.107 ng

RT: 23.694 min Scan# 2992

Delta R.T. 0.003 min

Lab File: BN019005.D

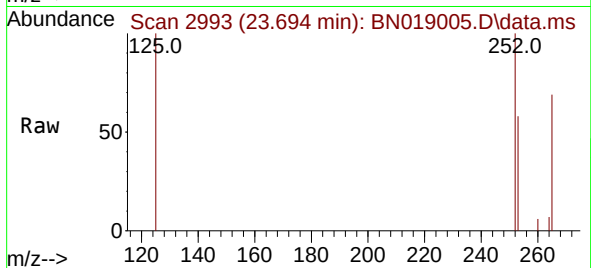
Acq: 17 Mar 2022 21:31

Instrument :

BN019005.D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



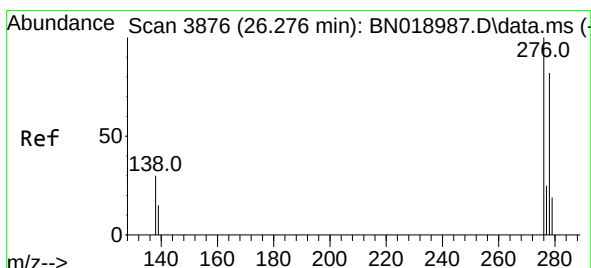
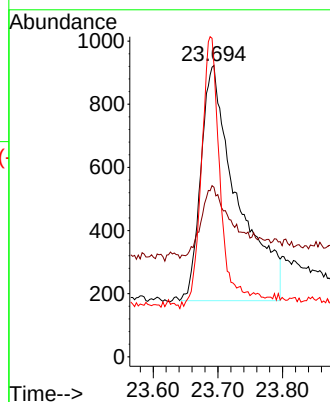
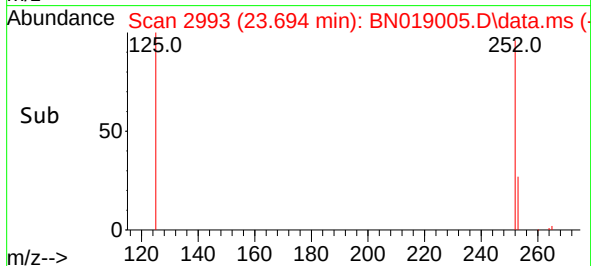
Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.2	20.1	30.1
125	100.1	15.2	22.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022



#40

Dibenzo(a,h)anthracene

Concen: 0.100 ng m

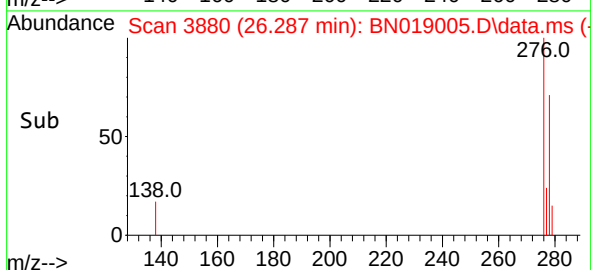
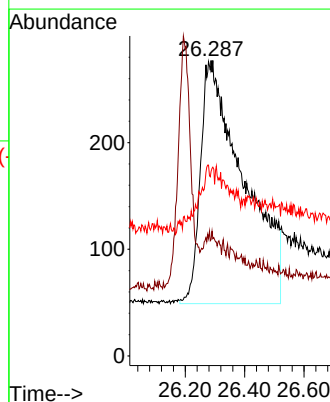
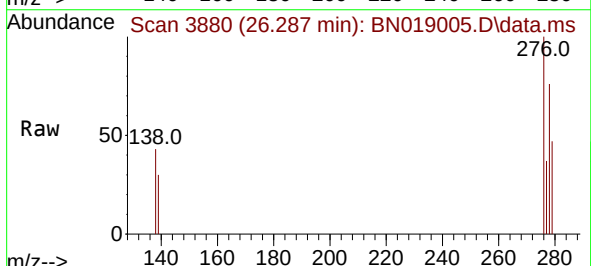
RT: 26.287 min Scan# 3880

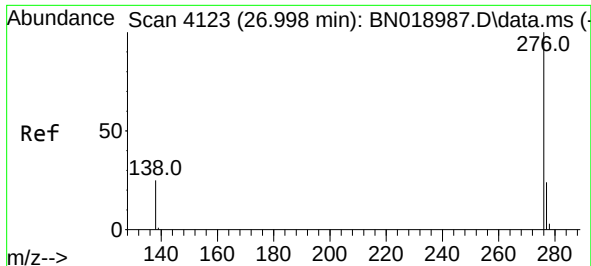
Delta R.T. 0.012 min

Lab File: BN019005.D

Acq: 17 Mar 2022 21:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	39.4	17.2	25.8
279	62.5	19.9	29.9





#41

Benzo(g,h,i)perylene

Concen: 0.095 ng

RT: 26.998 min Scan# 41

Delta R.T. -0.000 min

Lab File: BN019005.D

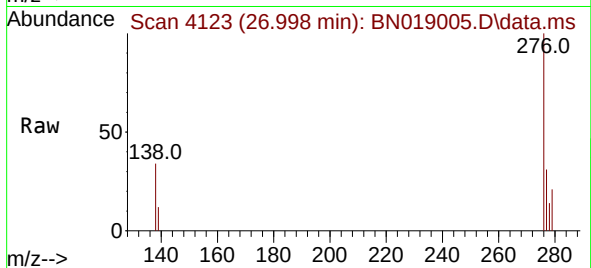
Acq: 17 Mar 2022 21:31

Instrument :

BNA_N

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:276 Resp: 274

Ion Ratio Lower Upper

276 100

277 31.1 19.4 29.0

138 34.2 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/18/2022

Supervised By :Jagrut Upadhyay 03/18/2022

