

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030222\
 Data File : BN018790.D
 Acq On : 02 Mar 2022 13:46
 Operator : CG/JU
 Sample : N1331-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT1-2022-02

Quant Time: Mar 02 14:25:58 2022
 Quant Title :
 QLast Update : Fri Feb 18 13:39:55 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2022
 Supervised By :mohammad ahmed 03/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.720	136	15532	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	9111	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	19375	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	16113	0.400	ng/ul	# 0.00
23) Perylene-d12	23.861	264	13908	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	4142	0.640	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.304	152	7320	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.312	212	17586	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.318	88	440m	0.066	ng/ul	
5) Naphthalene	10.770	128	2993	0.068	ng/ul	96
7) 2-Methylnaphthalene	12.381	142	1967	0.069	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	2018	0.071	ng/ul	100
10) Acenaphthylene	14.265	152	2500	0.061	ng/ul	95
11) Acenaphthene	14.607	153	2197	0.067	ng/ul	98
12) Fluorene	15.592	166	2407	0.068	ng/ul	97
14) Pentachlorophenol	16.941	266	303	0.077	ng/ul	97
15) Phenanthrene	17.326	178	4273	0.067	ng/ul	96
16) Anthracene	17.418	178	3307	0.058	ng/ul	96
19) Fluoranthene	19.340	202	5012	0.074	ng/ul#	88
20) Pyrene	19.702	202	5008	0.072	ng/ul#	88
21) Benzo(a)anthracene	21.450	228	3780	0.061	ng/ul	98
22) Chrysene	21.499	228	4658	0.072	ng/ul	98
24) Benzo(b)fluoranthene	23.130	252	4688	0.076	ng/ul#	56
25) Benzo(k)fluoranthene	23.177	252	4536	0.073	ng/ul#	77
26) Benzo(a)pyrene	23.756	252	3825	0.070	ng/ul#	21
27) Indeno(1,2,3-cd)pyrene	26.353	276	4295	0.062	ng/ul#	56
28) Dibenzo(a,h)anthracene	26.366	278	3236	0.059	ng/ul#	74
29) Benzo(g,h,i)perylene	27.111	276	3561	0.060	ng/ul#	83

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

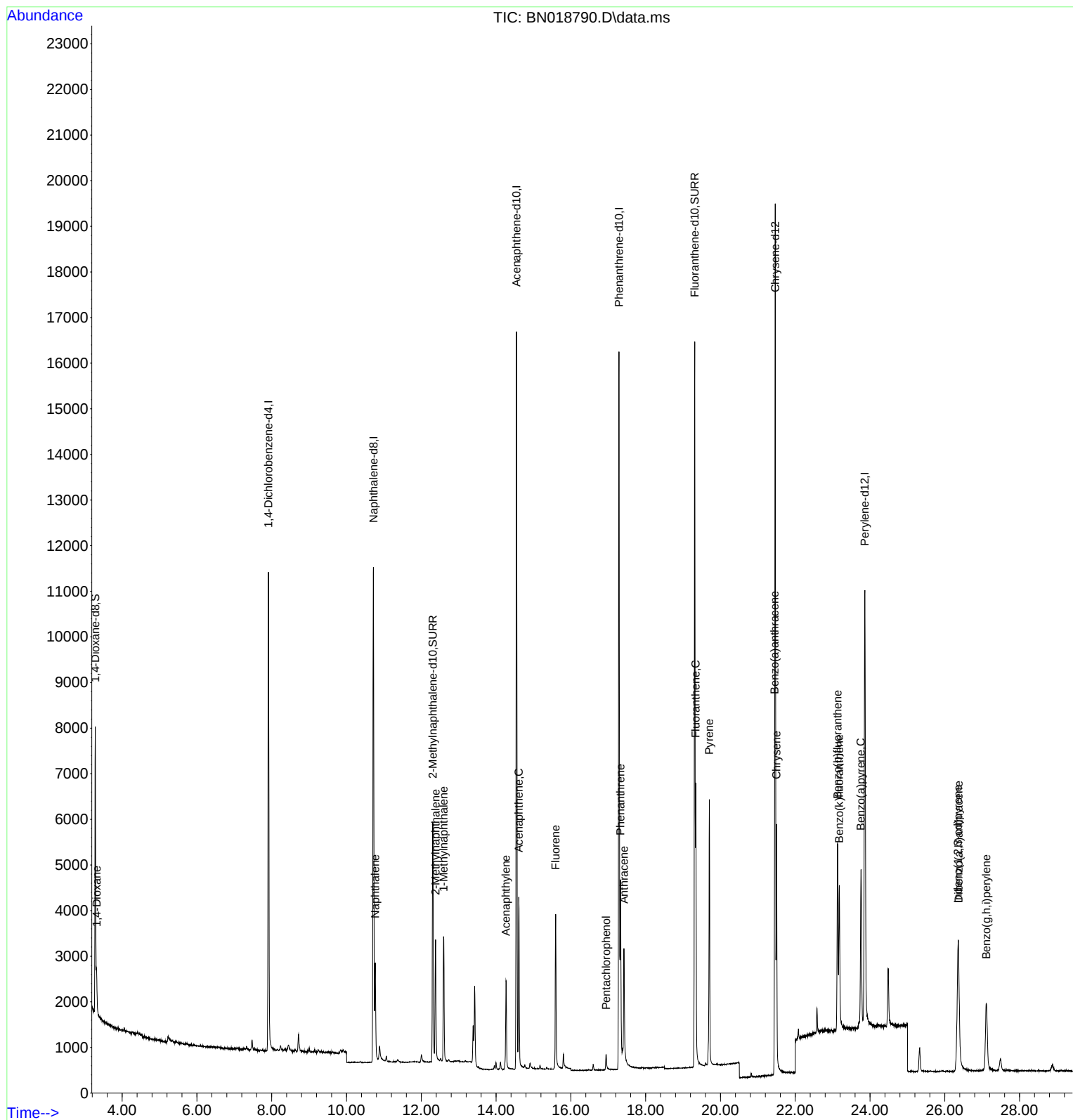
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030222\
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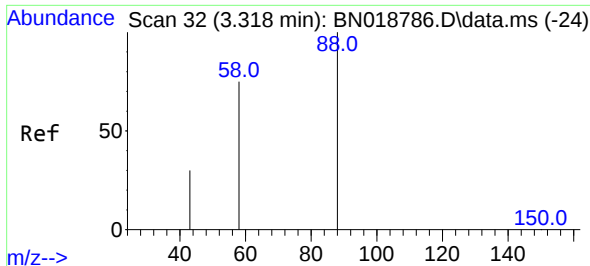
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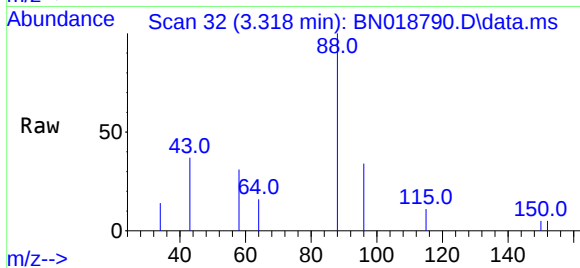
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022





#2
1,4-Dioxane
Concen: 0.066 ng/ul m
RT: 3.318 min Scan# 31
Delta R.T. -0.017 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

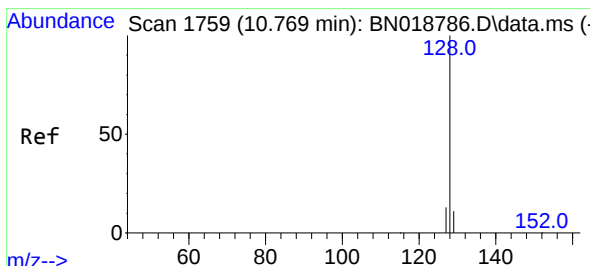
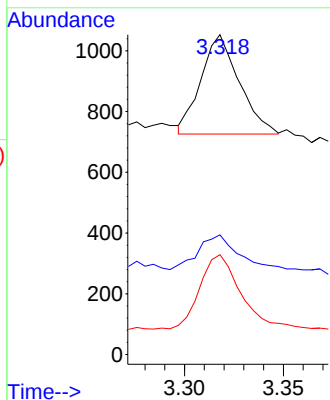
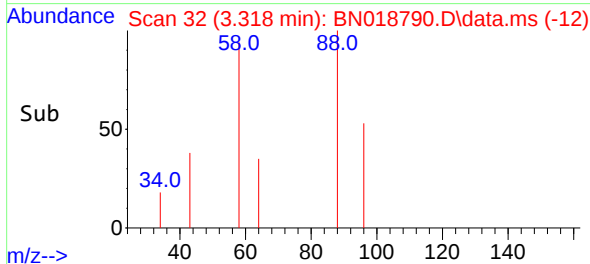
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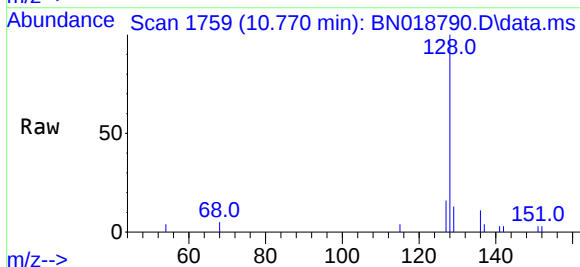
Tgt Ion: 88 Resp: 440
Ion Ratio Lower Upper
88 100
43 37.4 47.8 71.8
58 31.2 46.2 69.2

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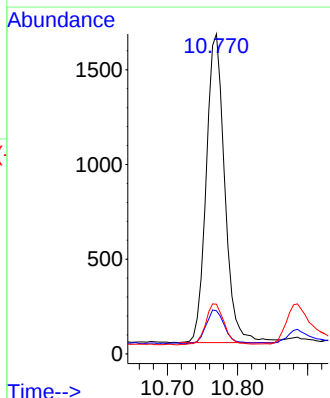
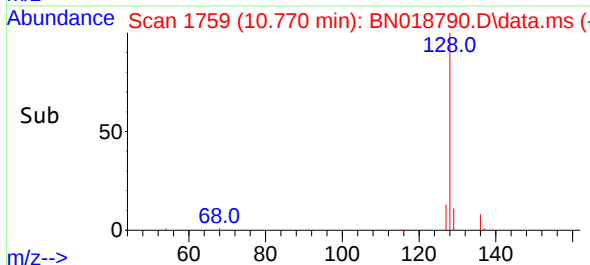
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

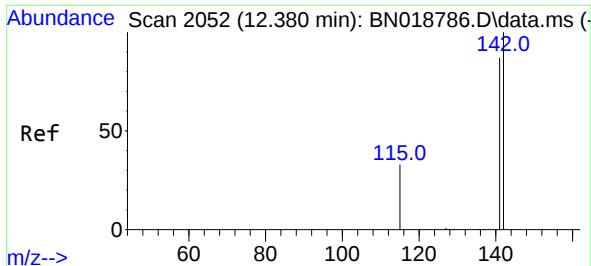


#5
Naphthalene
Concen: 0.068 ng/ul
RT: 10.770 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



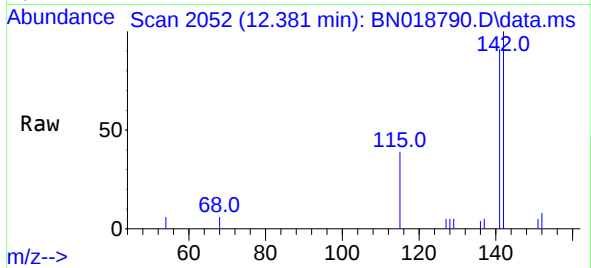
Tgt Ion:128 Resp: 2993
Ion Ratio Lower Upper
128 100
129 13.5 9.4 14.0
127 15.5 11.0 16.6





#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

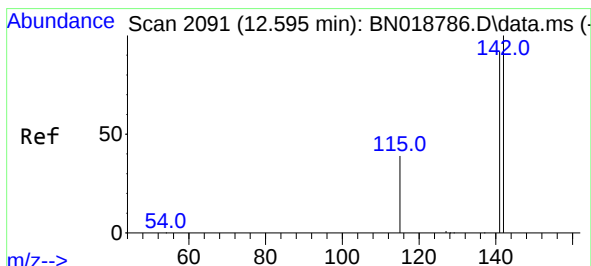
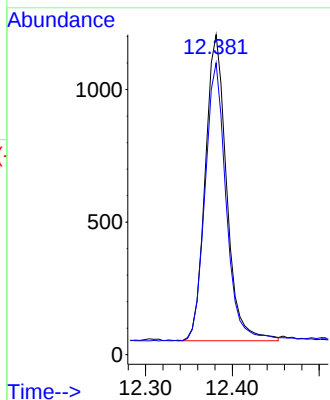
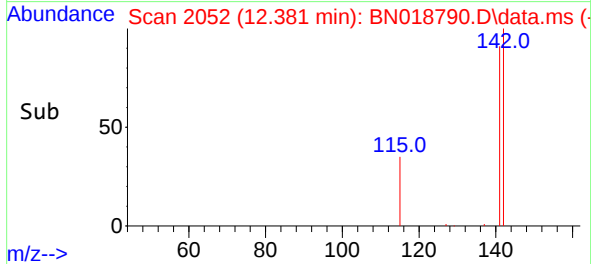
Instrument : BNA_N
ClientSampleId : MDL-SOIL-QT1-2022-02



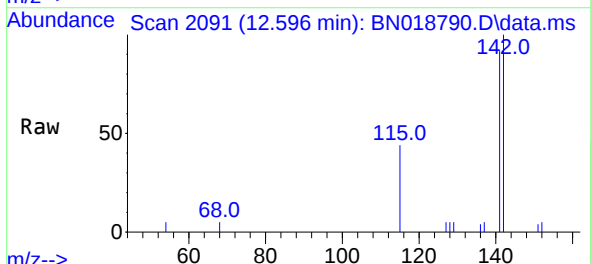
Tgt Ion:142 Resp: 196
Ion Ratio Lower Upper
142 100
141 90.0 70.9 106.3

Manual Integrations
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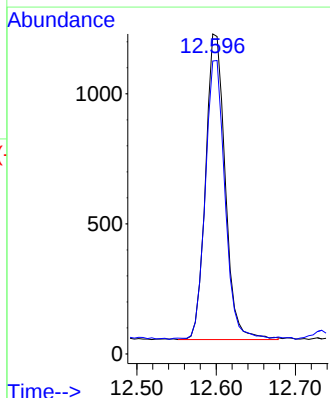
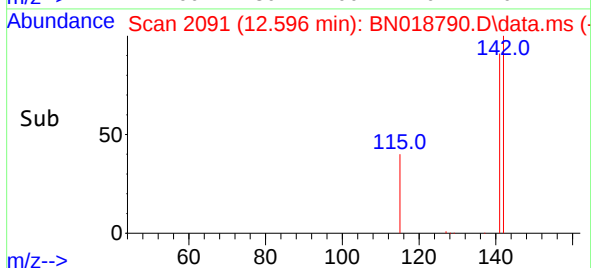
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

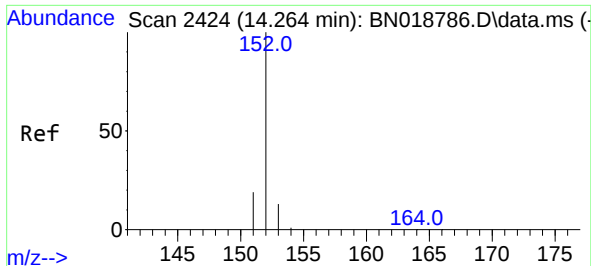


#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



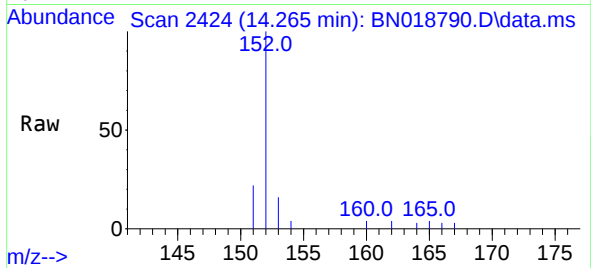
Tgt Ion:142 Resp: 2018
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8





#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.265 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

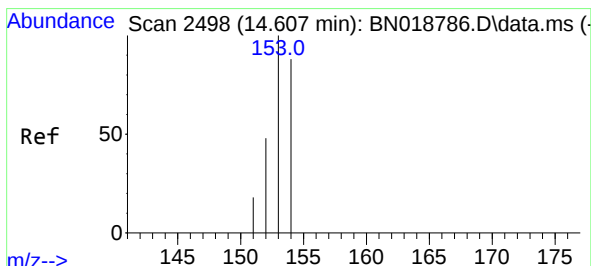
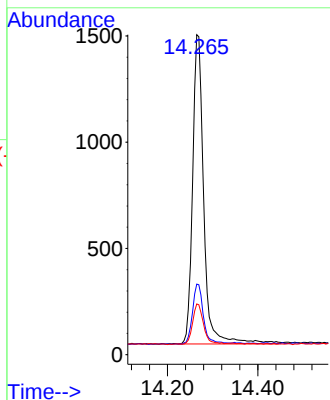
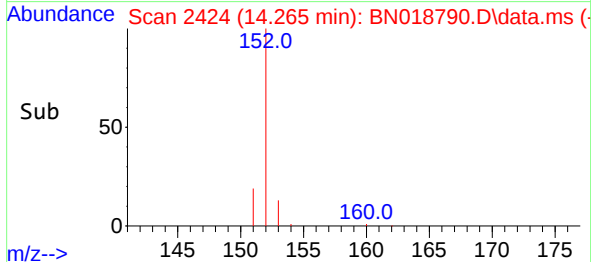
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2022-02



Tgt Ion:152 Resp: 2500
Ion Ratio Lower Upper
152 100
151 22.0 15.8 23.8
153 15.9 10.7 16.1

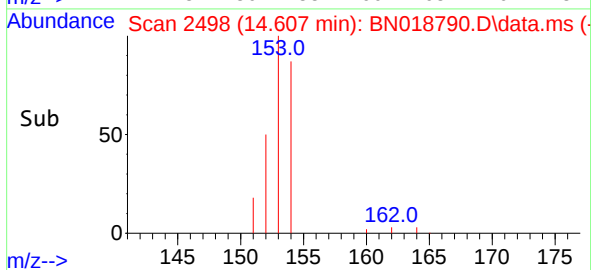
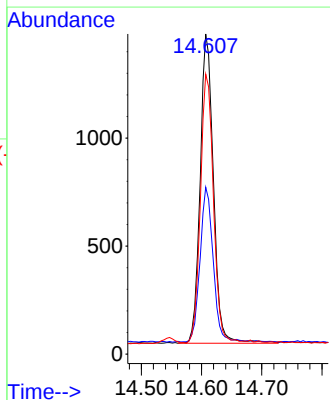
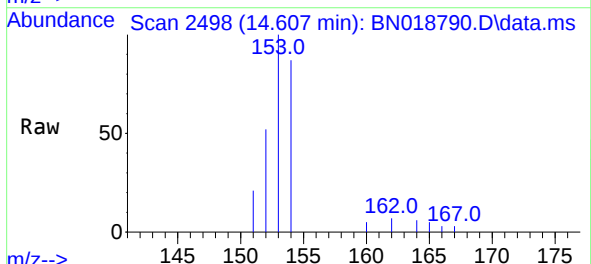
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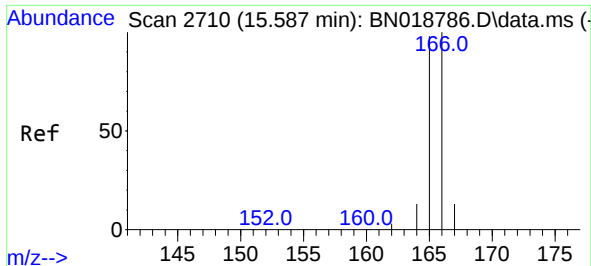
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

Tgt Ion:153 Resp: 2197
Ion Ratio Lower Upper
153 100
152 52.1 39.7 59.5
154 87.4 70.9 106.3





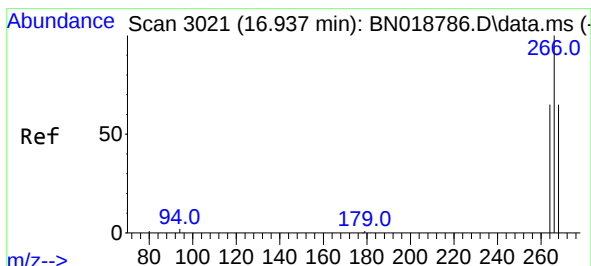
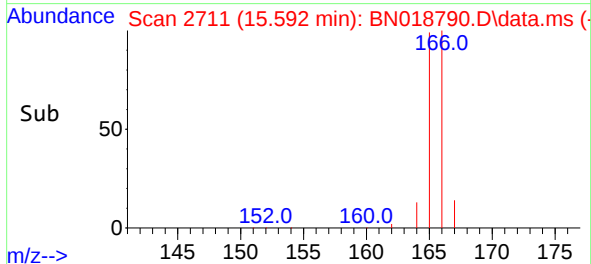
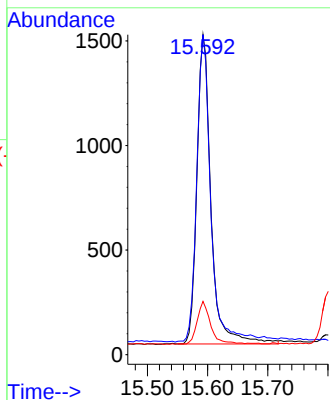
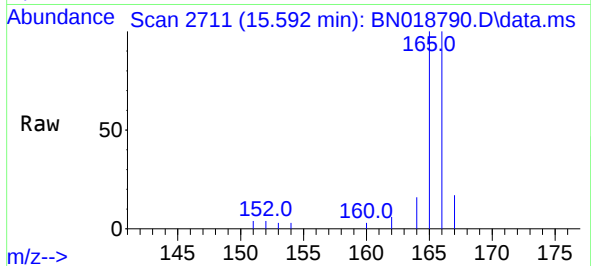
#12
Fluorene
Concen: 0.068 ng/ul
RT: 15.592 min Scan# 2711
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:166 Resp: 240
Ion Ratio Lower Upper
166 100
165 100.0 77.8 116.6
167 16.7 11.6 17.4

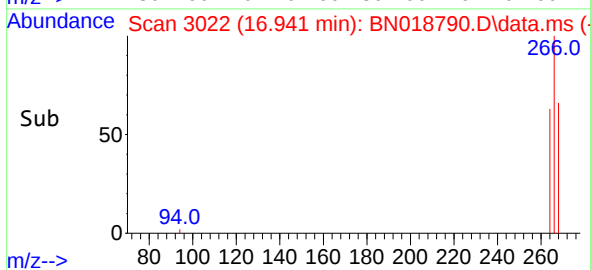
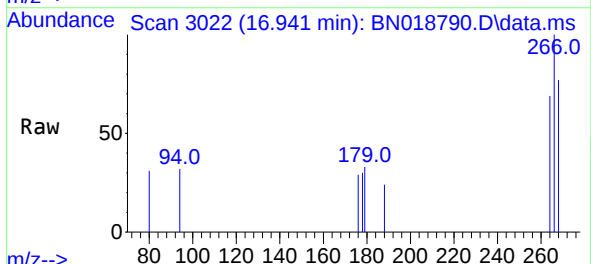
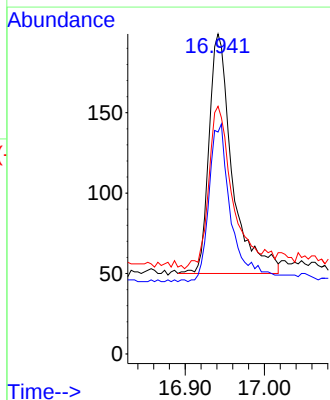
Manual Integrations
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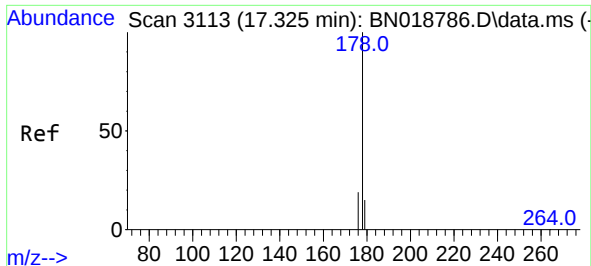
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#14
Pentachlorophenol
Concen: 0.077 ng/ul
RT: 16.941 min Scan# 3022
Delta R.T. 0.001 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

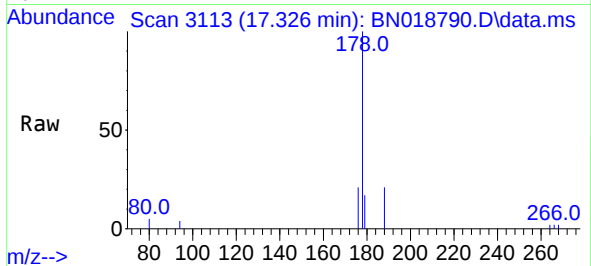
Tgt Ion:266 Resp: 303
Ion Ratio Lower Upper
266 100
264 63.0 49.9 74.9
268 69.3 51.7 77.5





#15
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.326 min Scan# 3113
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

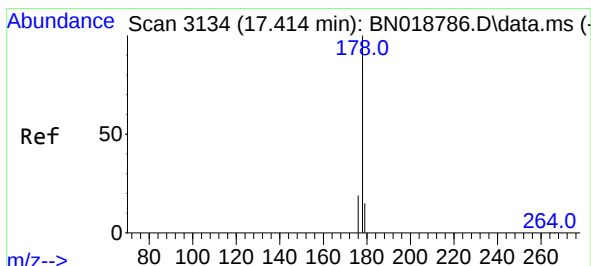
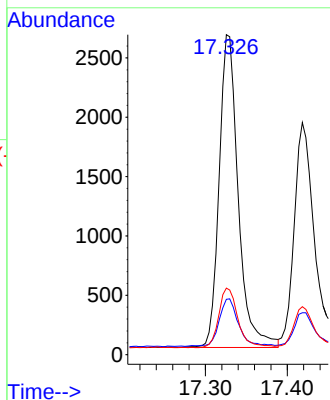
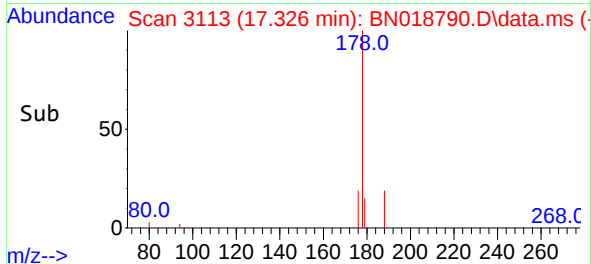
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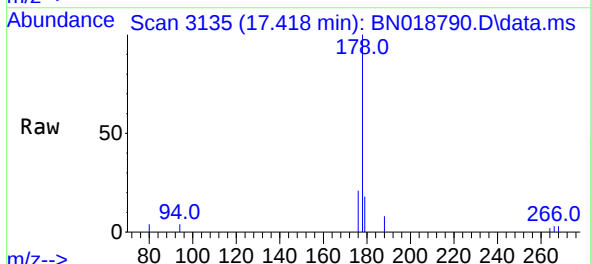
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Ion Ratio Lower Upper
178 100
179 17.3 12.2 18.4
176 20.8 15.4 23.2

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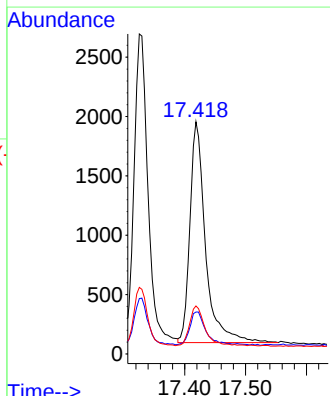
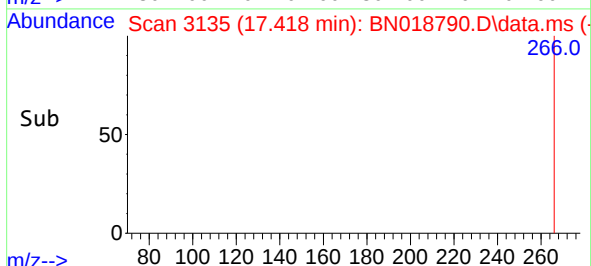
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Supervised By :mohammad ahmed 03/07/2022

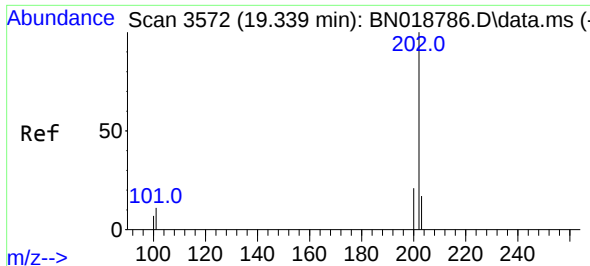


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Anthracene
Concen: 0.058 ng/ul
RT: 17.418 min Scan# 3135
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



Tgt Ion:178 Resp: 3307
Ion Ratio Lower Upper
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179 18.0 12.3 18.5
176 20.7 15.5 23.3





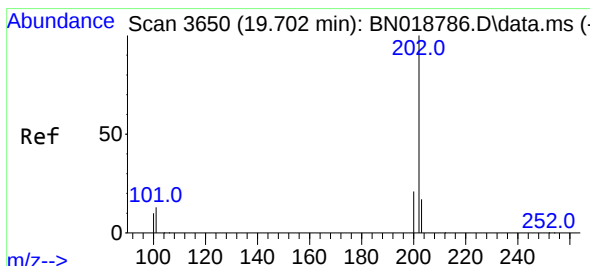
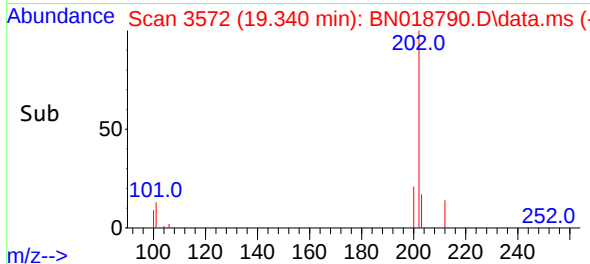
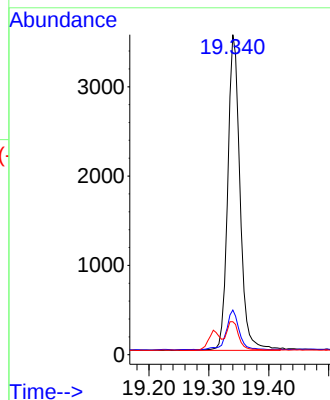
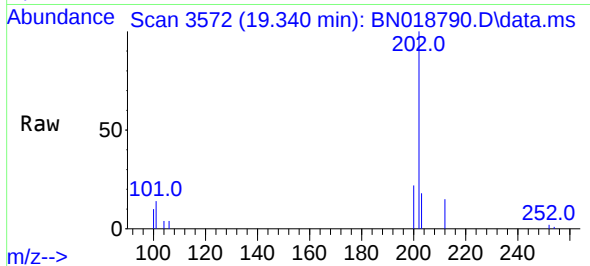
#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 19.340 min Scan# 3572
Delta R.T. -0.004 min
Lab File: BN018790.D
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Instrument :
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ClientSampleId :
MDL-SOIL-QT1-2022-02

Tgt Ion:202 Resp: 5012
Ion Ratio Lower Upper
202 100
101 14.0 7.5 11.3#
100 10.3 5.4 8.2#

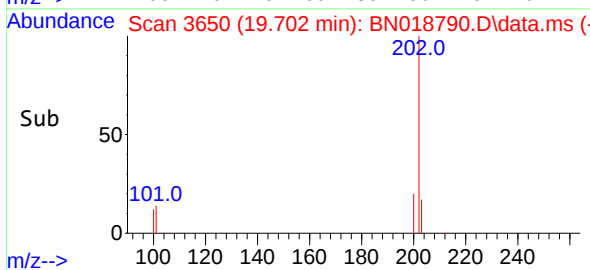
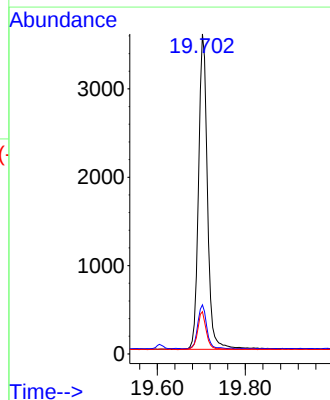
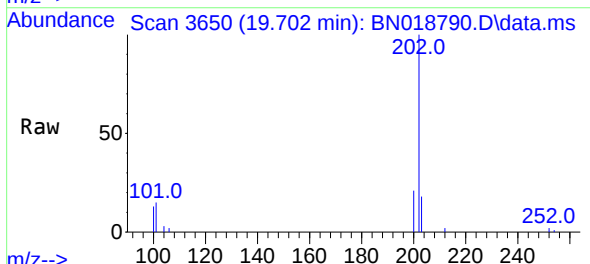
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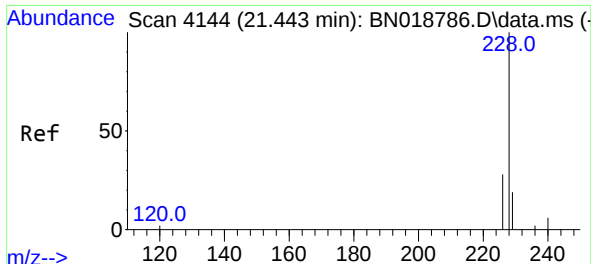
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022



#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.702 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

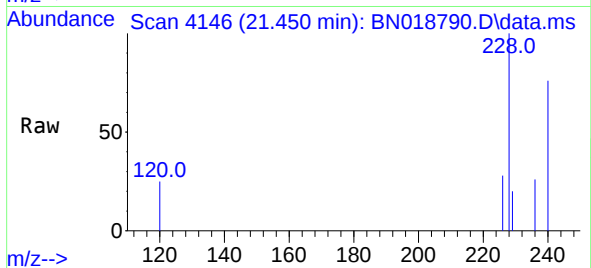
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Ion Ratio Lower Upper
202 100
101 15.4 9.0 13.4#
100 13.2 7.0 10.4#





#21
Benzo(a)anthracene
Concen: 0.061 ng/u1
RT: 21.450 min Scan# 4144
Delta R.T. -0.002 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

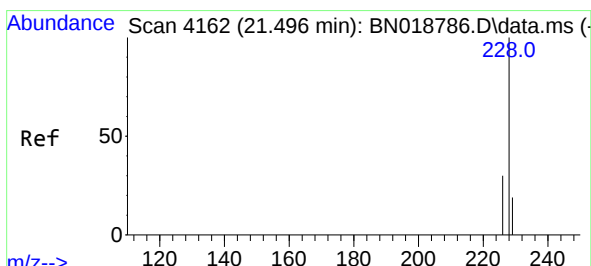
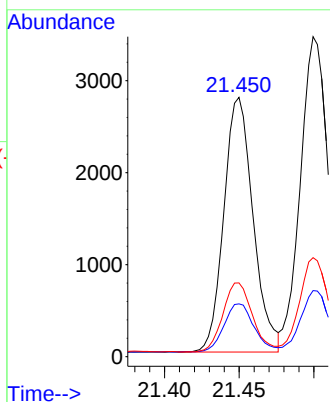
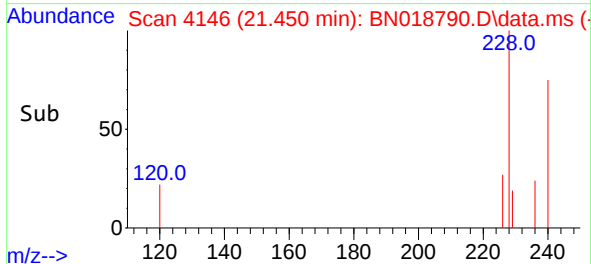
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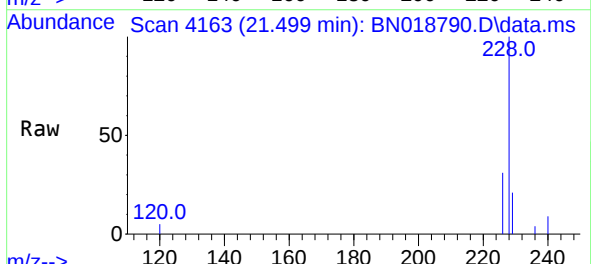
Tgt Ion:228 Resp: 3780
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 28.4 22.1 33.1

Manual Integrations
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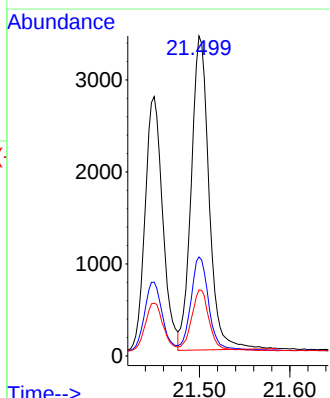
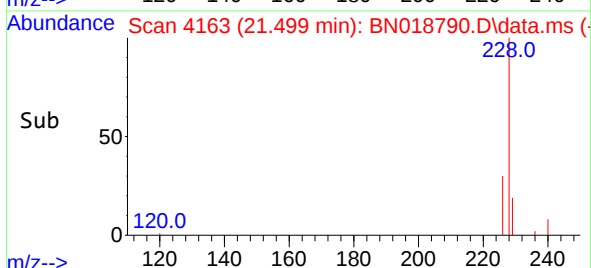
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

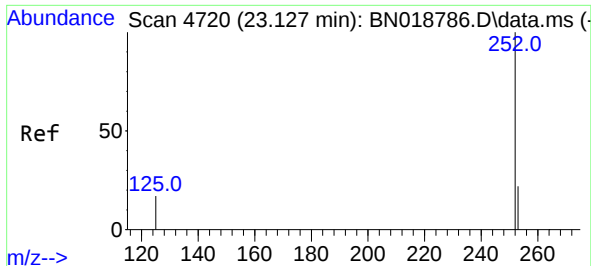


#22
Chrysene
Concen: 0.072 ng/u1
RT: 21.499 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



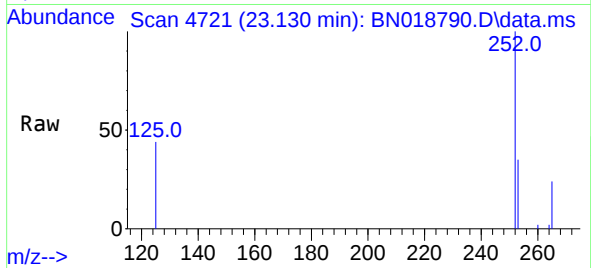
Tgt Ion:228 Resp: 4658
Ion Ratio Lower Upper
228 100
226 31.0 24.2 36.4
229 20.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.076 ng/ul
RT: 23.130 min Scan# 4721
Delta R.T. -0.005 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

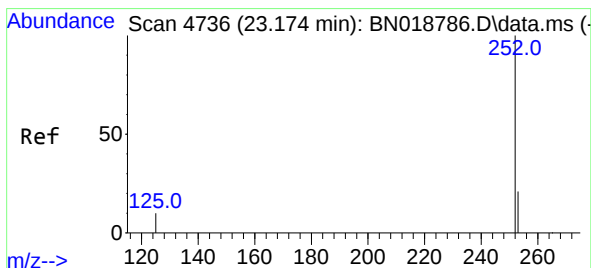
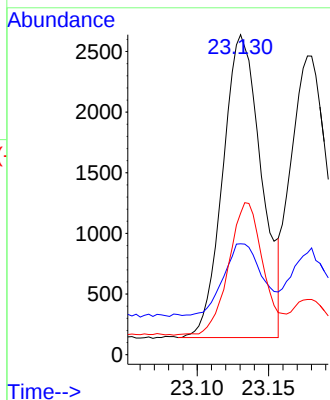
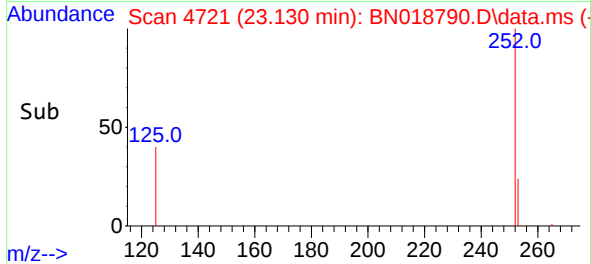
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2022-02



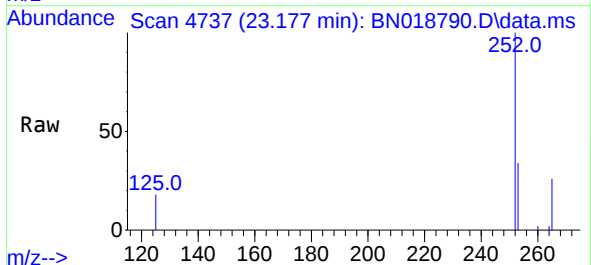
Tgt Ion:252 Resp: 4688
Ion Ratio Lower Upper
252 100
253 34.6 0.0 46.4
125 44.2 0.0 17.8

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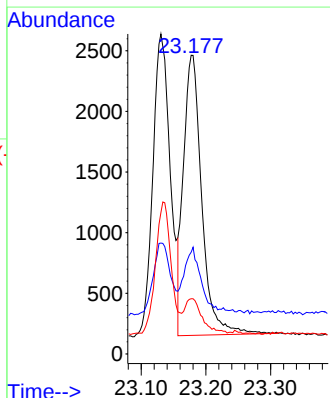
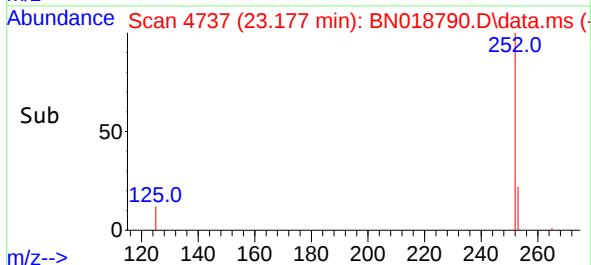
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

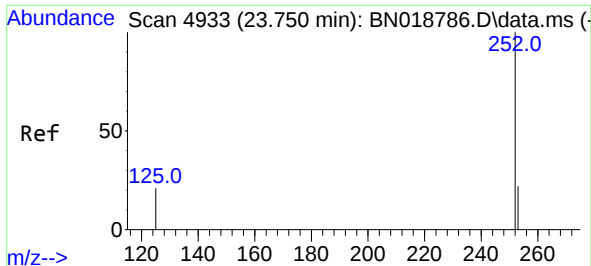


#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul
RT: 23.177 min Scan# 4737
Delta R.T. -0.005 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



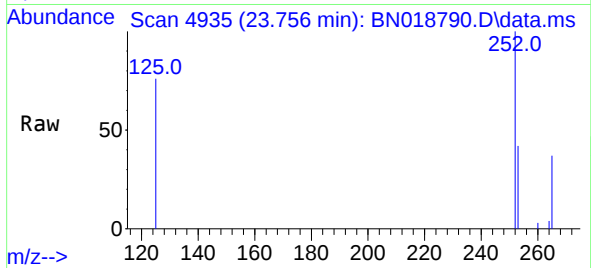
Tgt Ion:252 Resp: 4536
Ion Ratio Lower Upper
252 100
253 34.1 18.6 28.0#
125 18.5 7.3 10.9#





#26
Benzo(a)pyrene
Concen: 0.070 ng/ul
RT: 23.756 min Scan# 4933
Delta R.T. -0.005 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

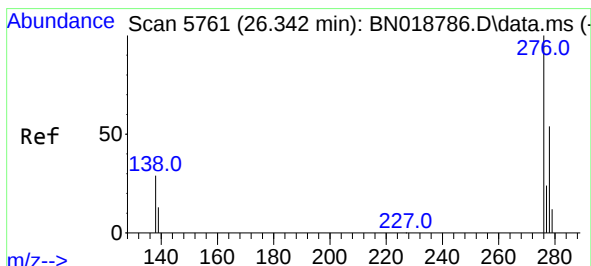
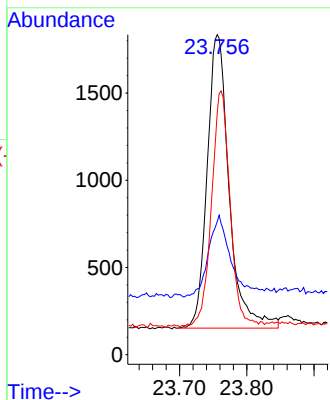
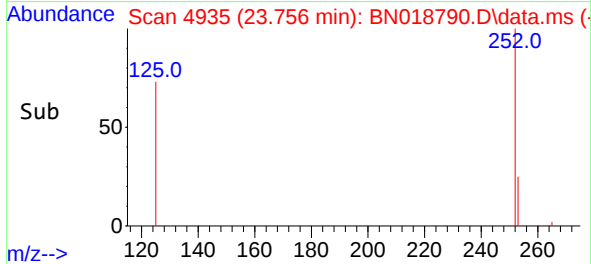
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2022-02



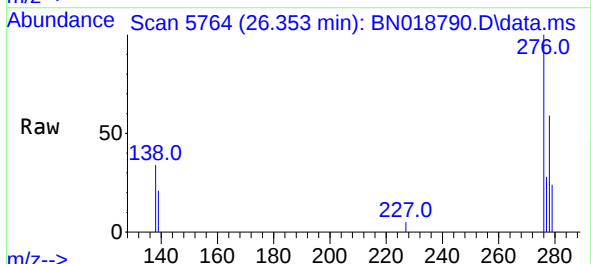
Tgt Ion:252 Resp: 3825
Ion Ratio Lower Upper
252 100
253 41.6 18.9 28.3#
125 75.6 8.2 12.2#

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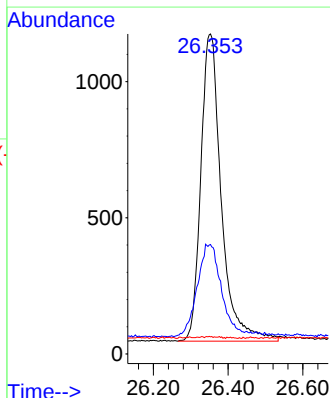
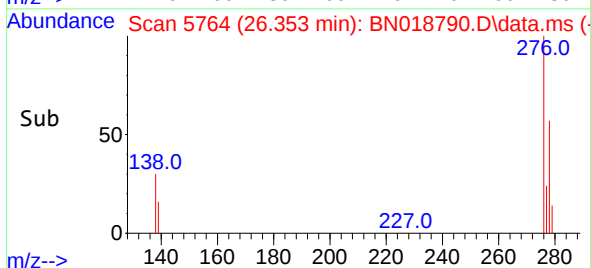
Reviewed By :Jagrut Upadhyay 03/02/2022
Supervised By :mohammad ahmed 03/07/2022

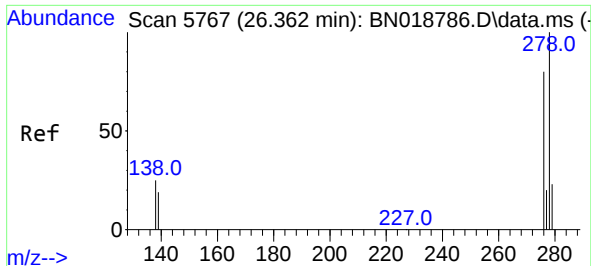


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.062 ng/ul
RT: 26.353 min Scan# 5764
Delta R.T. -0.005 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



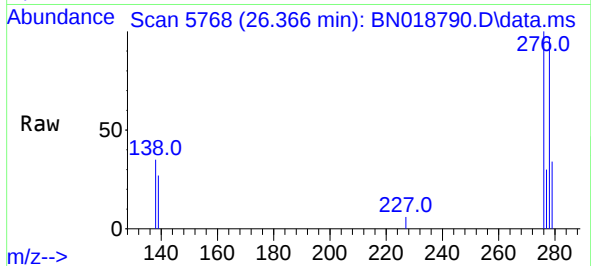
Tgt Ion:276 Resp: 4295
Ion Ratio Lower Upper
276 100
138 0.0 16.5 24.7#
227 0.4 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.366 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46

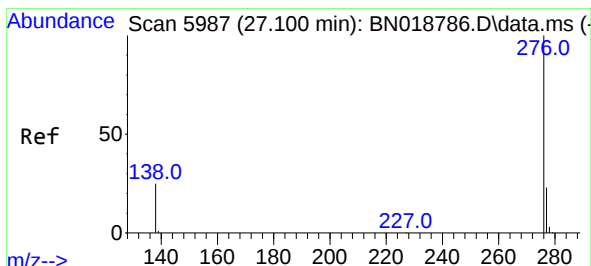
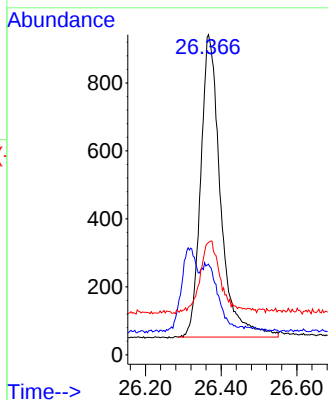
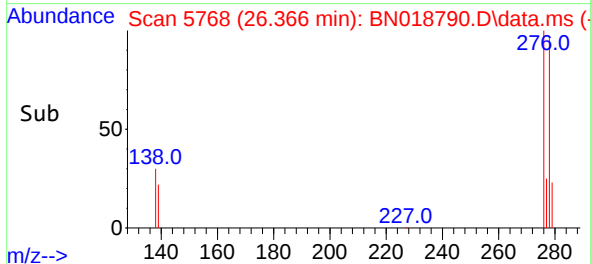
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-QT1-2022-02



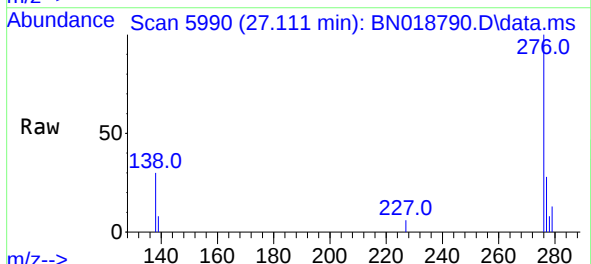
Tgt Ion: 278 Resp: 3230
Ion Ratio Lower Upper
278 100
139 28.3 11.9 17.9
279 35.0 19.5 29.3

Manual Integrations
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Reviewed By : Jagrut Upadhyay 03/02/2022
Supervised By : mohammad ahmed 03/07/2022



#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.111 min Scan# 5990
Delta R.T. -0.012 min
Lab File: BN018790.D
Acq: 02 Mar 2022 13:46



Tgt Ion: 276 Resp: 3561
Ion Ratio Lower Upper
276 100
138 30.2 14.4 21.6
277 28.2 19.2 28.8

