

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
 Data File : BN025745.D
 Acq On : 31 May 2023 18:45
 Operator : CG/JU
 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.1ng
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 01 01:22:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 01:04:04 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	5961	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	16996	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	10030	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	20119	0.400	ng	# 0.01
29) Chrysene-d12	21.569	240	9752	0.400	ng	# 0.00
35) Perylene-d12	24.043	264	8475	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	5443	0.325	ng	0.00
5) Phenol-d6	7.167	99	6463	0.314	ng	0.00
8) Nitrobenzene-d5	9.191	82	4806	0.304	ng	0.02
11) 2-Methylnaphthalene-d10	12.415	152	11656	0.476	ng	0.00
14) 2,4,6-Tribromophenol	16.140	330	832	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.272	172	13989	0.330	ng	0.00
27) Fluoranthene-d10	19.416	212	19380	0.468	ng	0.00
31) Terphenyl-d14	20.002	244	9005	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	759	0.109	ng	# 87
3) n-Nitrosodimethylamine	3.758	42	724m	0.081	ng	
6) bis(2-Chloroethyl)ether	7.434	93	3020	0.162	ng	# 71
9) Naphthalene	10.878	128	5608	0.110	ng	95
10) Hexachlorobutadiene	11.166	225	839	0.107	ng	# 99
12) 2-Methylnaphthalene	12.491	142	3185	0.099	ng	96
16) Acenaphthylene	14.373	152	4457	0.092	ng	98
17) Acenaphthene	14.705	154	3125	0.099	ng	100
18) Fluorene	15.693	166	3981	0.098	ng	100
20) 4,6-Dinitro-2-methylph...	15.804	198	151	0.042	ng	# 1
21) 4-Bromophenyl-phenylether	16.586	248	1101	0.095	ng	100
22) Hexachlorobenzene	16.698	284	1096	0.110	ng	98
23) Atrazine	16.847	200	951	0.100	ng	93
25) Phenanthrene	17.430	178	6106	0.099	ng	100
26) Anthracene	17.530	178	5066	0.090	ng	99
28) Fluoranthene	19.444	202	5813	0.095	ng	98
30) Pyrene	19.811	202	5877	0.106	ng	100
32) Benzo(a)anthracene	21.560	228	3510	0.093	ng	97
33) Chrysene	21.605	228	3947	0.099	ng	98
34) Bis(2-ethylhexyl)phtha...	21.462	149	2389	0.107	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.642	276	3539m	0.097	ng	
37) Benzo(b)fluoranthene	23.291	252	3110	0.093	ng	# 47
38) Benzo(k)fluoranthene	23.341	252	3651m	0.107	ng	
39) Benzo(a)pyrene	23.937	252	2640	0.083	ng	# 25
40) Dibenzo(a,h)anthracene	26.668	278	2626	0.089	ng	# 44
41) Benzo(g,h,i)perylene	27.431	276	3265	0.099	ng	# 86

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

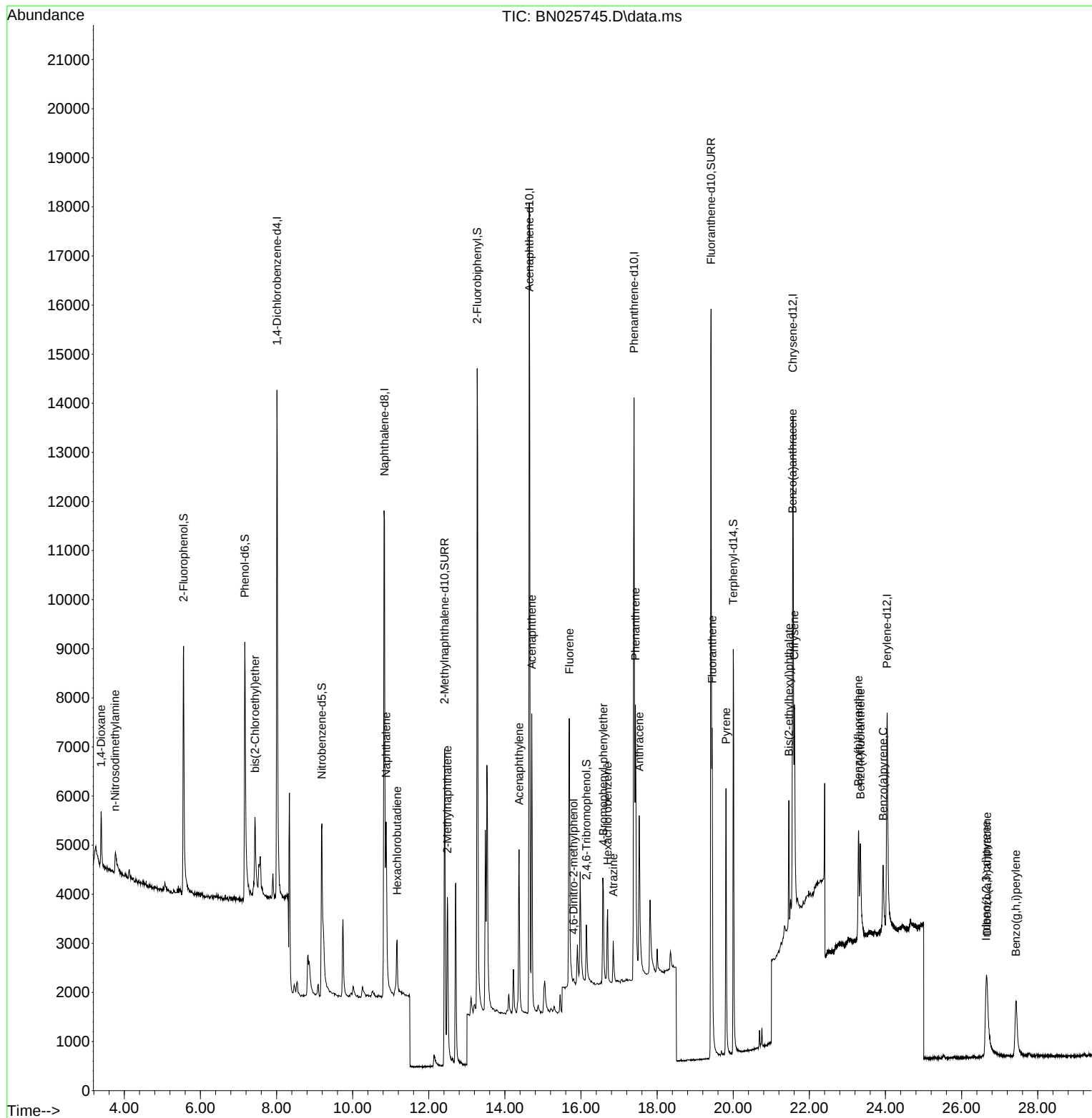
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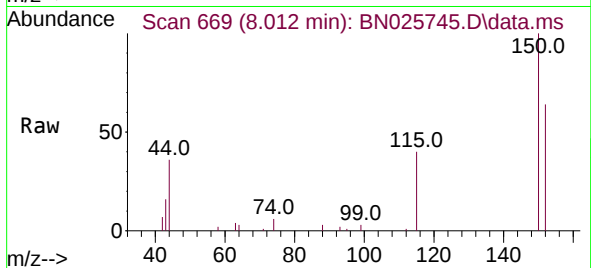
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.012 min Scan# 669
 Delta R.T. 0.000 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45

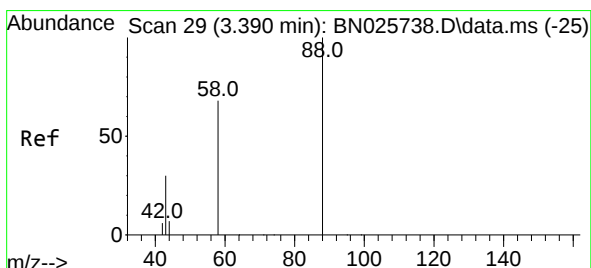
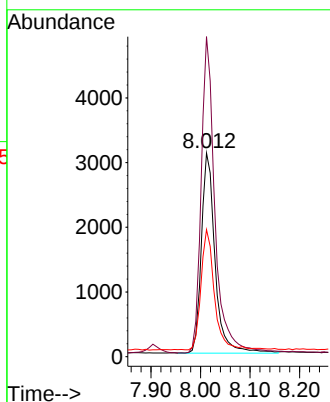
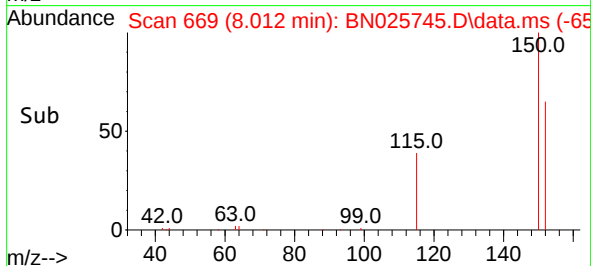
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 ClientSampleId :
 MDL-SOIL-03-QT2-2023



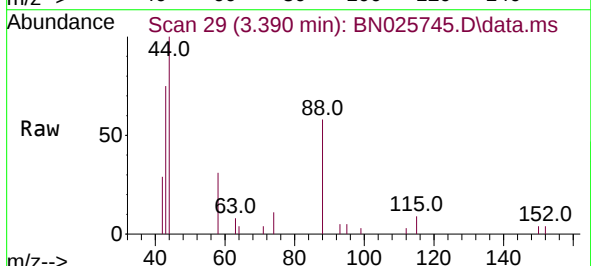
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 Ion Ratio Lower Upper
 152 100
 150 157.1 121.5 182.3
 115 62.4 47.7 71.5

Manual Integrations
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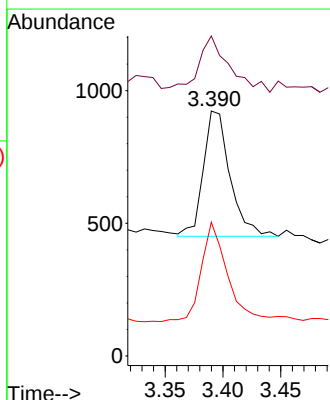
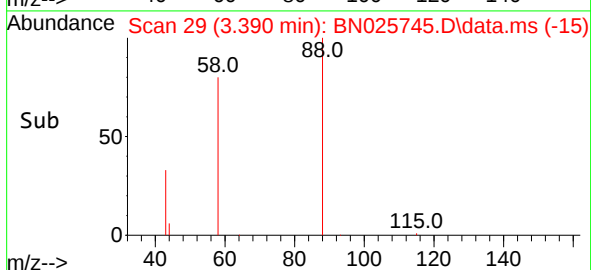
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023

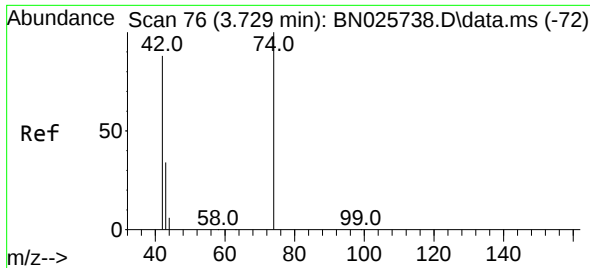


#2
 1,4-Dioxane
 Concen: 0.109 ng
 RT: 3.390 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45



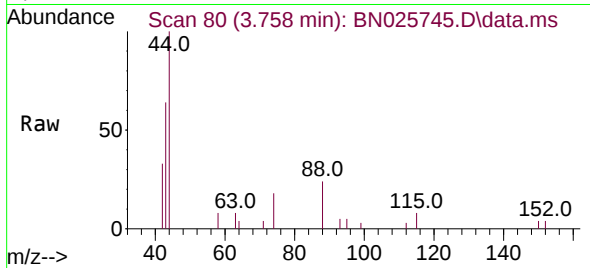
Tgt Ion: 88 Resp: 759
 Ion Ratio Lower Upper
 88 100
 43 51.8 31.0 46.4#
 58 78.0 57.3 85.9





#3
n-Nitrosodimethylamine
Concen: 0.081 ng m
RT: 3.758 min Scan# 80
Delta R.T. 0.029 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

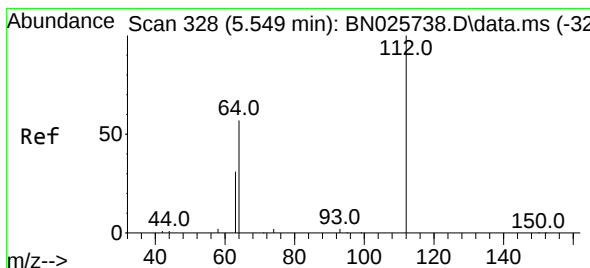
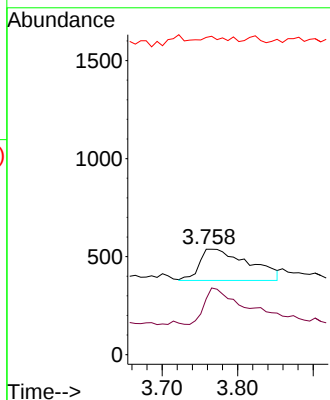
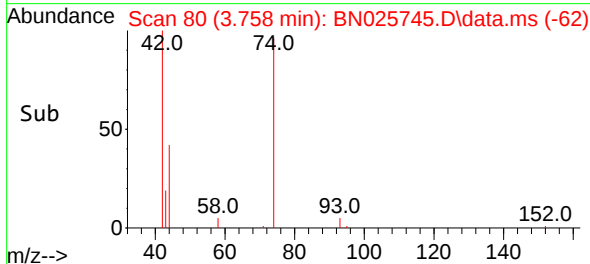
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 42 Resp: 724
Ion Ratio Lower Upper
42 100
74 0.0 90.5 135.7
44 0.0 4.4 6.6

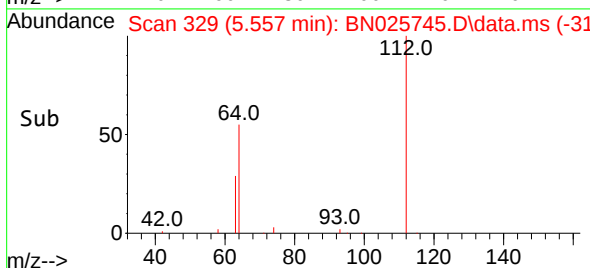
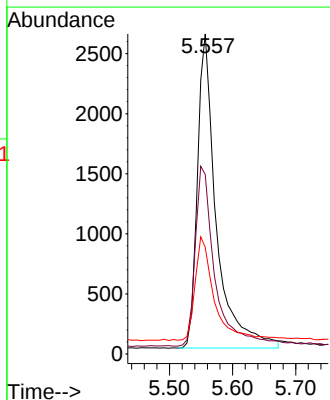
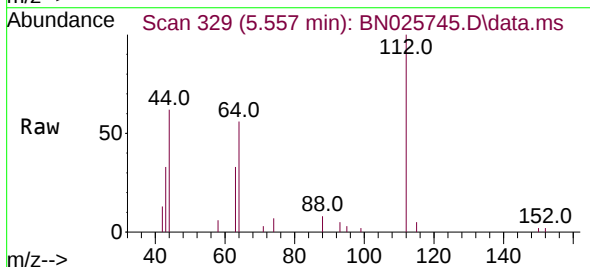
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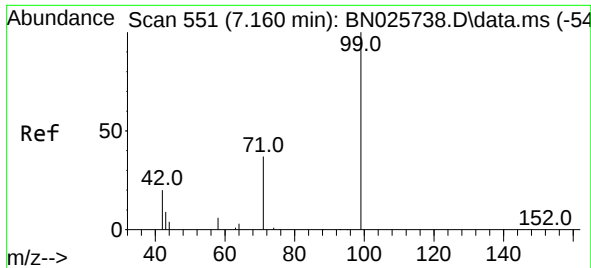
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

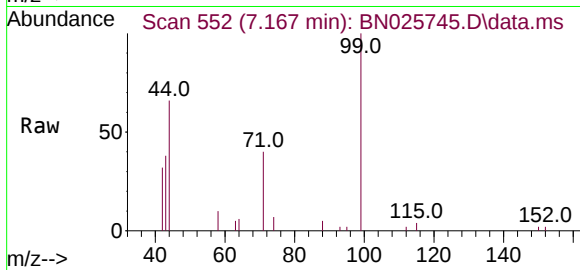
Tgt Ion:112 Resp: 5443
Ion Ratio Lower Upper
112 100
64 59.8 47.5 71.3
63 33.3 26.2 39.4





#5
Phenol-d6
Concen: 0.314 ng
RT: 7.167 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

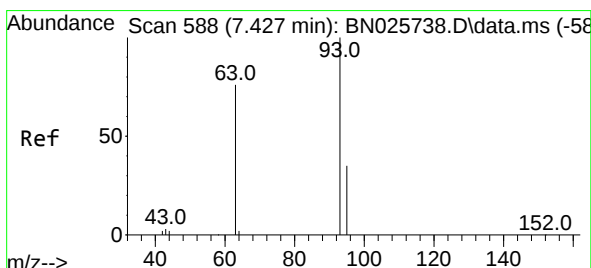
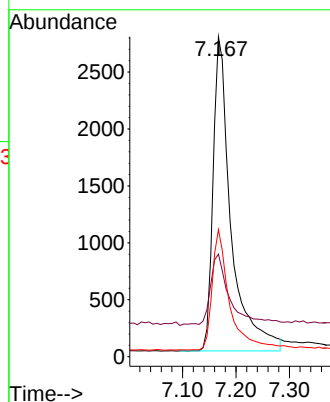
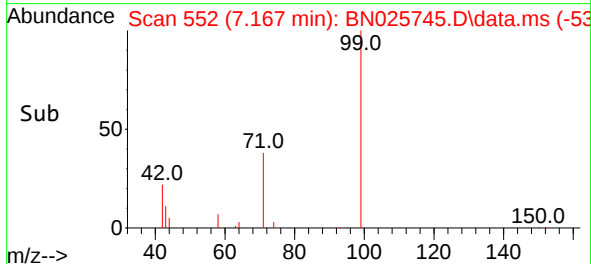
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 99 Resp: 646
Ion Ratio Lower Upper
99 100
42 23.1 18.6 28.0
71 36.9 30.5 45.7

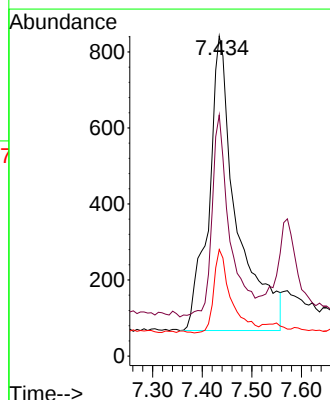
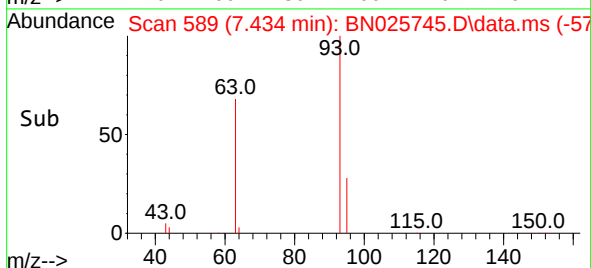
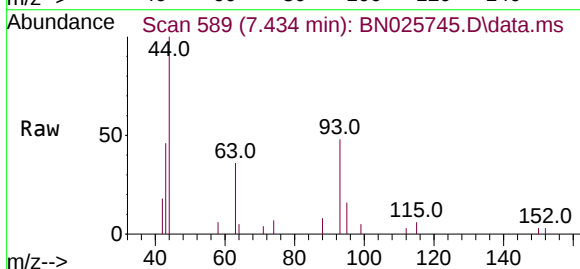
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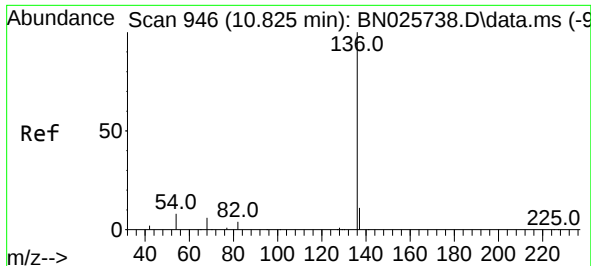
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#6
bis(2-Chloroethyl)ether
Concen: 0.162 ng
RT: 7.434 min Scan# 589
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion: 93 Resp: 3020
Ion Ratio Lower Upper
93 100
63 44.4 56.4 84.6#
95 17.5 24.6 37.0#





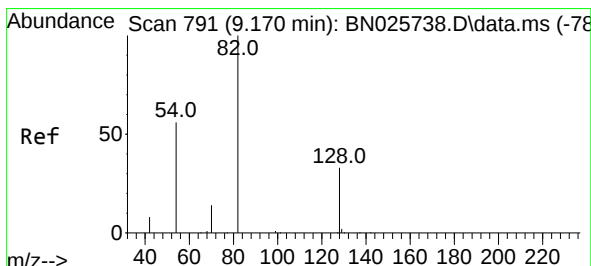
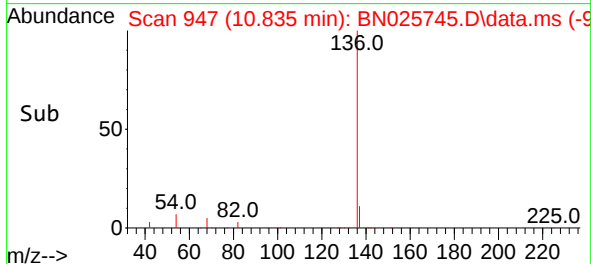
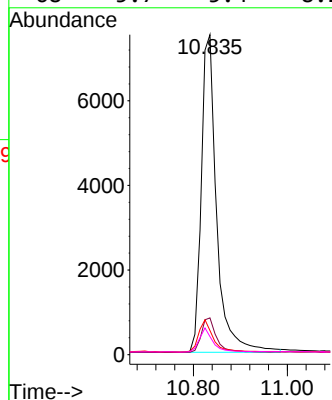
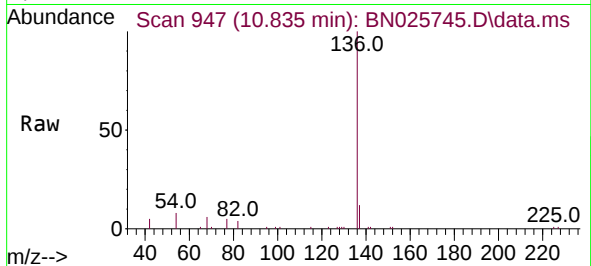
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 946
Delta R.T. 0.011 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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

Tgt Ion:	136	Resp:	16990
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.3	13.9
54	7.6	7.2	10.8
68	5.7	5.4	8.2

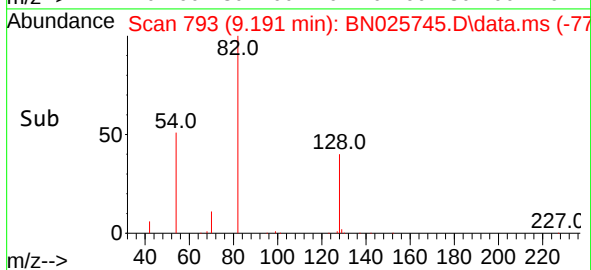
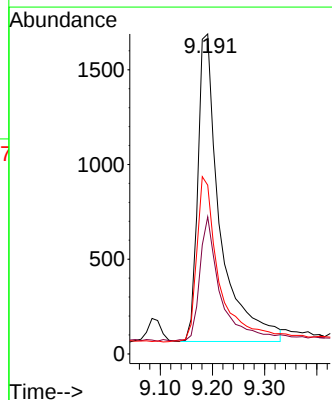
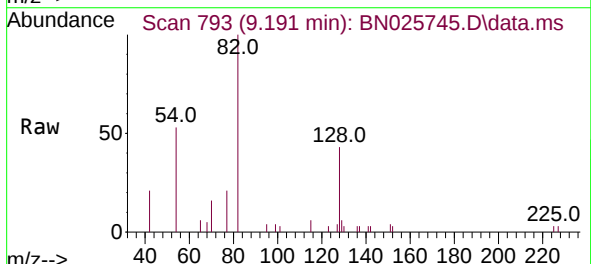
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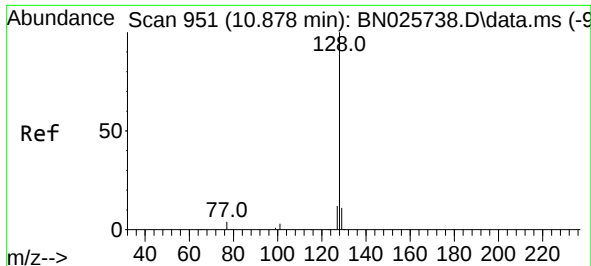
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 9.191 min Scan# 793
Delta R.T. 0.021 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:	82	Resp:	4806
Ion Ratio	Lower	Upper	
82	100		
128	42.9	27.6	41.4#
54	52.8	45.7	68.5





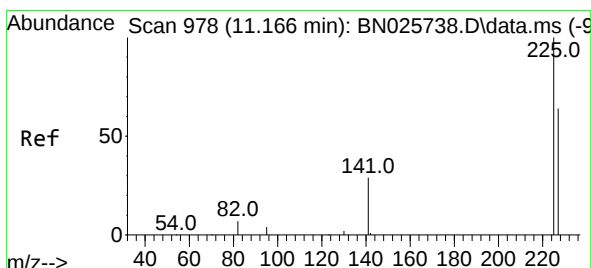
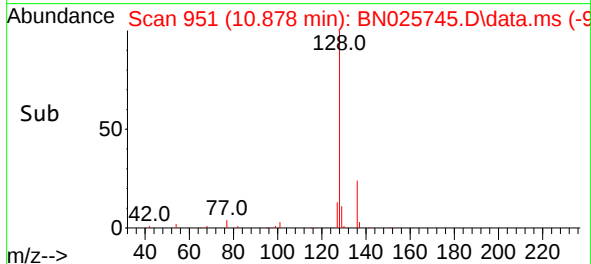
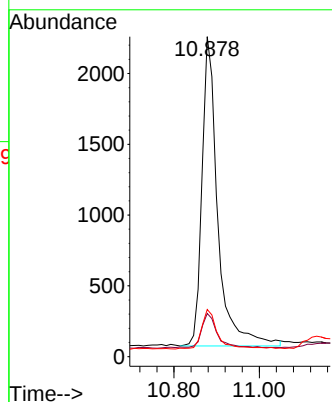
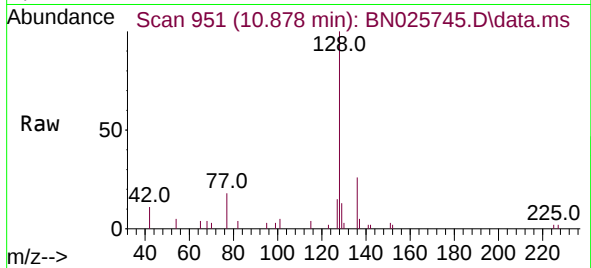
#9
Naphthalene
Concen: 0.110 ng
RT: 10.878 min Scan# 951
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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

Tgt Ion:128 Resp: 560
Ion Ratio Lower Upper
128 100
129 13.5 9.1 13.7
127 14.7 10.3 15.5

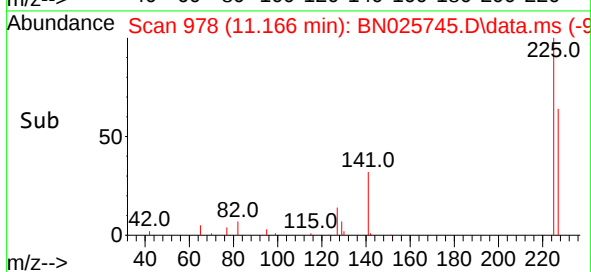
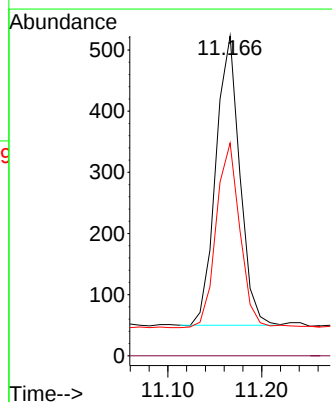
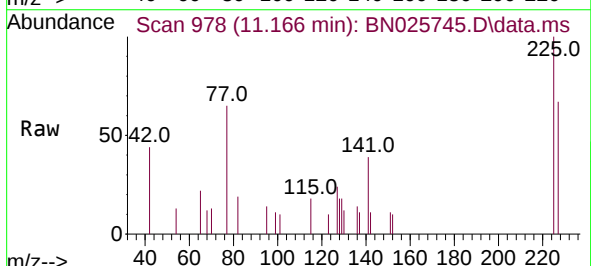
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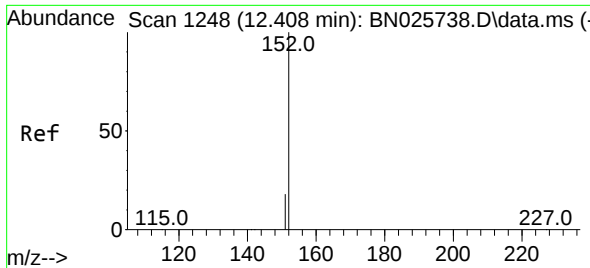
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#10
Hexachlorobutadiene
Concen: 0.107 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.000 min
Lab File: BN025745.D
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Tgt Ion:225 Resp: 839
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.4 50.4 75.6





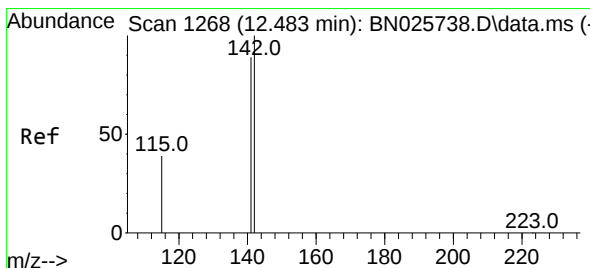
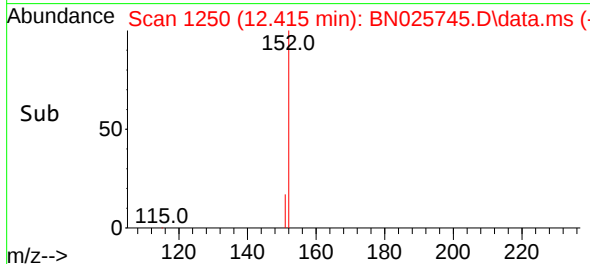
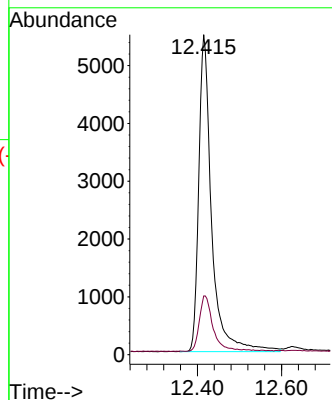
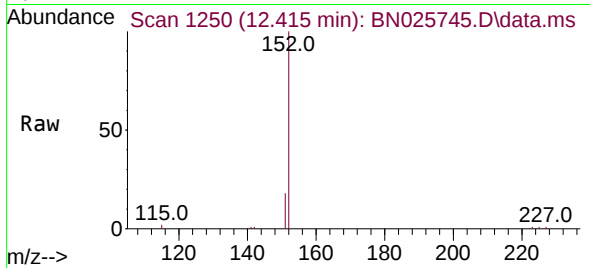
#11
2-Methylnaphthalene-d10
Concen: 0.476 ng
RT: 12.415 min Scan# 11
Delta R.T. 0.007 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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

Tgt Ion:152 Resp: 11650
Ion Ratio Lower Upper
152 100
151 18.4 16.4 24.6

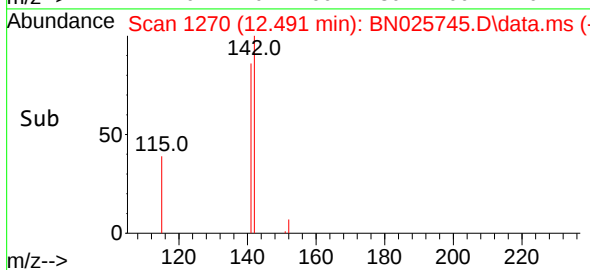
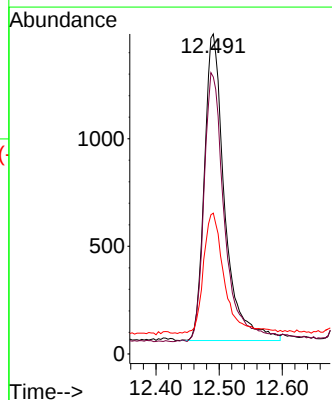
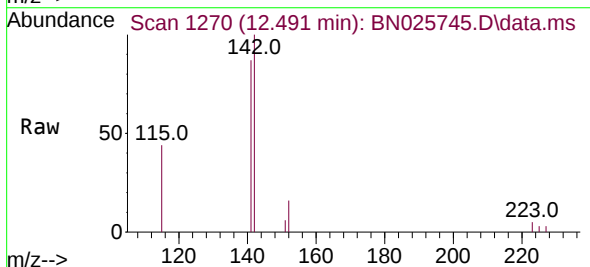
Manual Integrations
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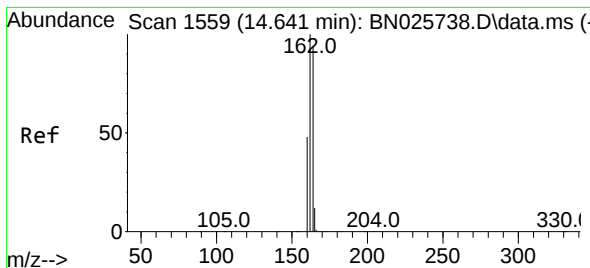
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.491 min Scan# 1270
Delta R.T. 0.008 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:142 Resp: 3185
Ion Ratio Lower Upper
142 100
141 86.6 71.2 106.8
115 44.0 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.641 min Scan# 1559

Delta R.T. -0.000 min

Lab File: BN025745.D

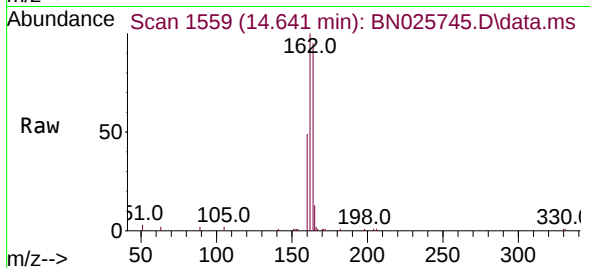
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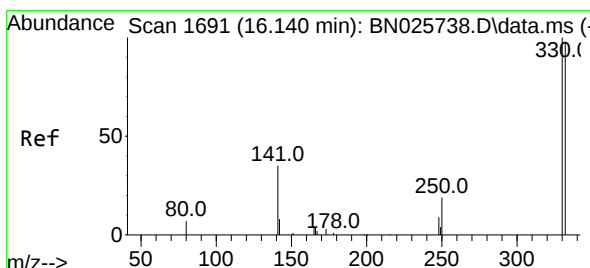
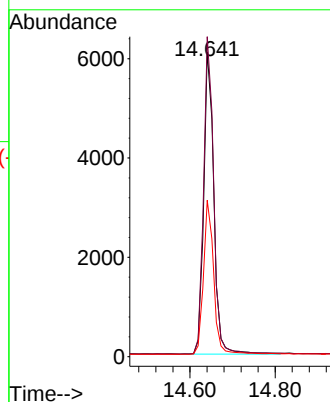
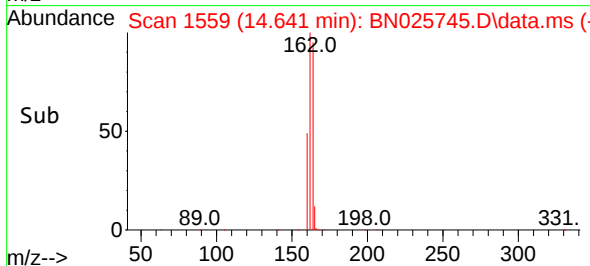
Tgt Ion:	164	Resp:	10030
Ion Ratio	Lower	Upper	
164	100		
162	105.0	85.0	127.6
160	51.3	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

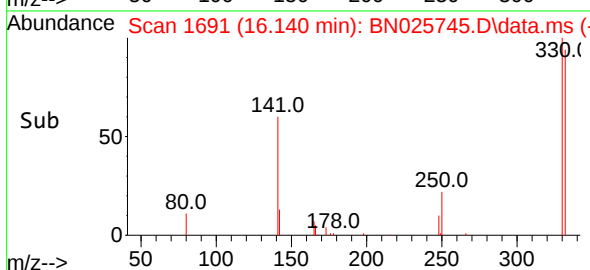
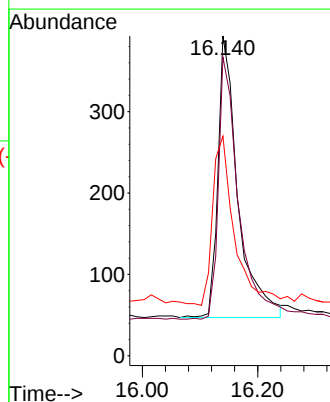
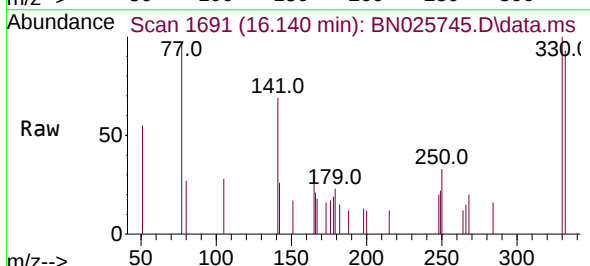
RT: 16.140 min Scan# 1691

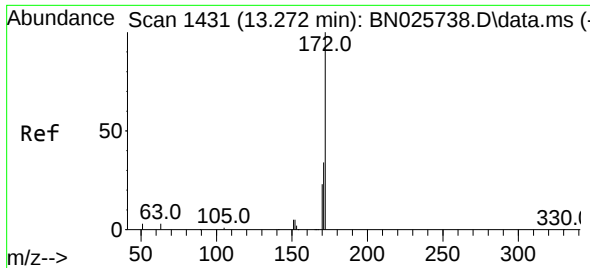
Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

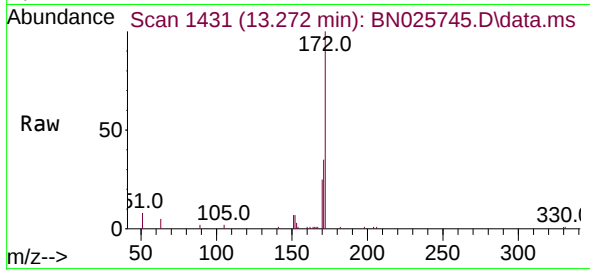
Tgt Ion:	330	Resp:	832
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.3	115.9
141	63.3	55.0	82.6





#15
2-Fluorobiphenyl
Concen: 0.330 ng
RT: 13.272 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

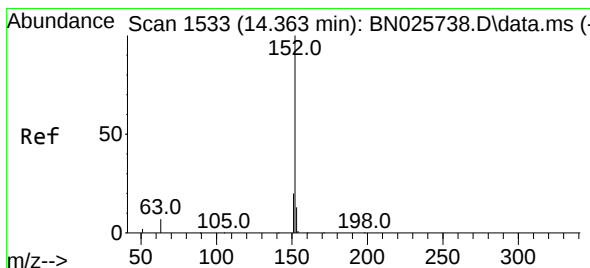
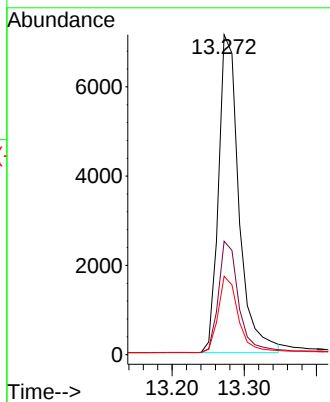
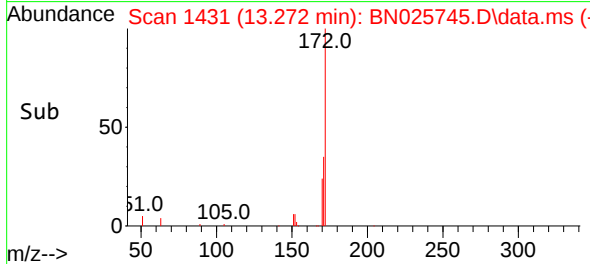
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2023



Tgt Ion:172 Resp: 13989
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 24.5 18.6 28.0

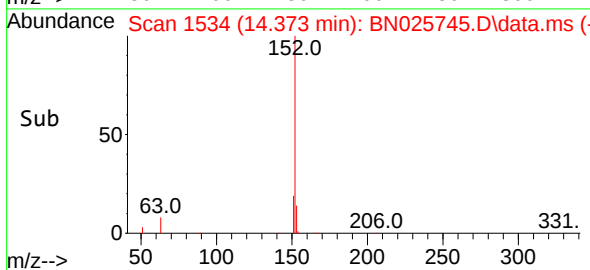
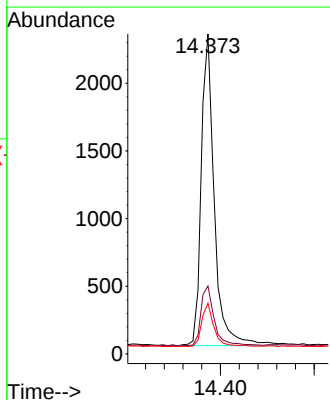
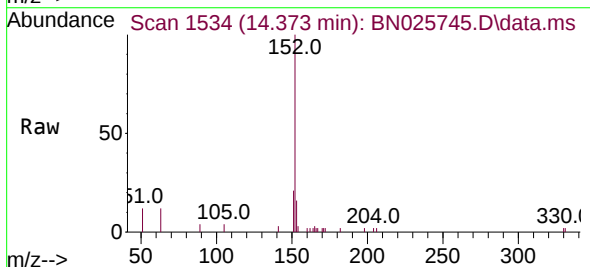
Manual Integrations
APPROVED

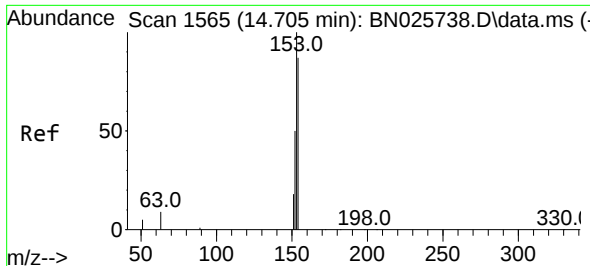
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.373 min Scan# 1534
Delta R.T. 0.011 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

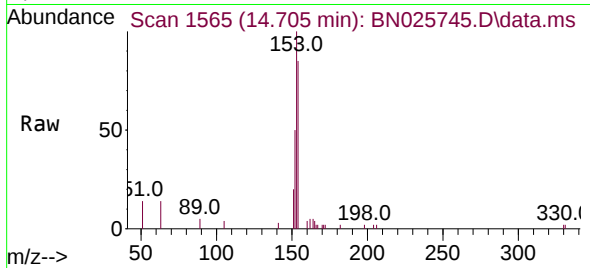
Tgt Ion:152 Resp: 4457
Ion Ratio Lower Upper
152 100
151 20.1 15.4 23.0
153 13.4 10.4 15.6





#17
Acenaphthene
Concen: 0.099 ng
RT: 14.705 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

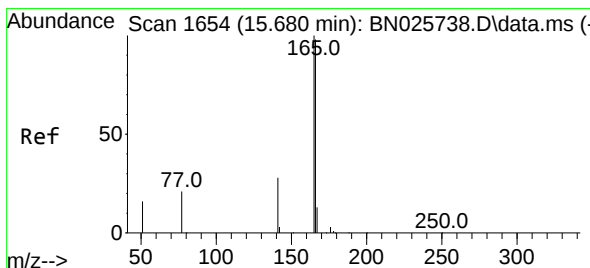
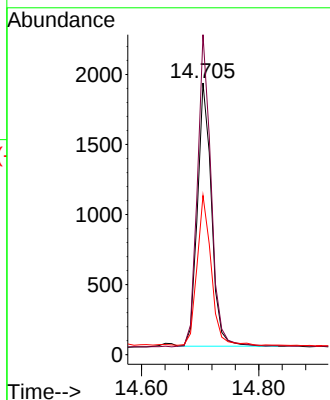
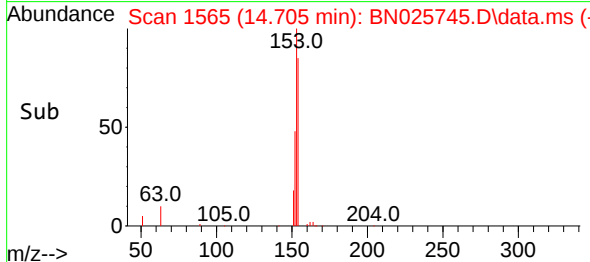
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



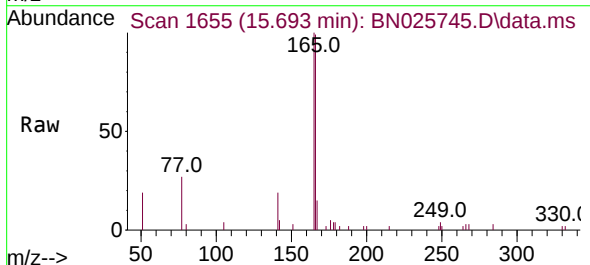
Tgt Ion:154 Resp: 3125
Ion Ratio Lower Upper
154 100
153 116.3 93.0 139.6
152 57.4 46.5 69.7

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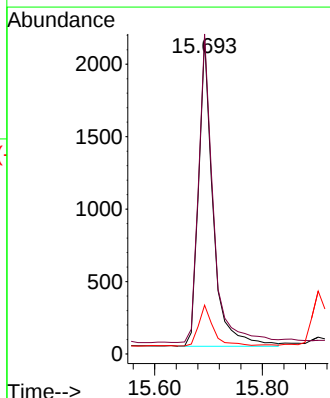
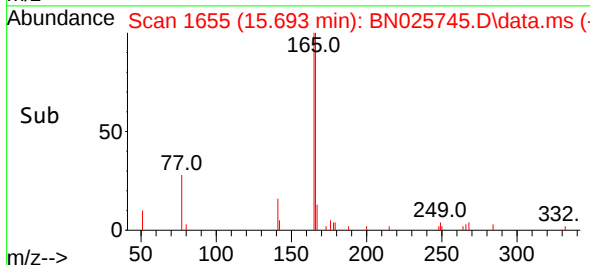
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

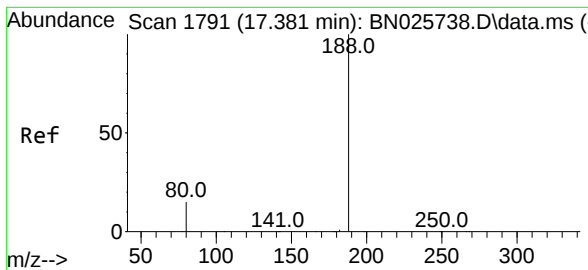


#18
Fluorene
Concen: 0.098 ng
RT: 15.693 min Scan# 1655
Delta R.T. 0.013 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45



Tgt Ion:166 Resp: 3981
Ion Ratio Lower Upper
166 100
165 100.4 80.1 120.1
167 13.2 10.7 16.1





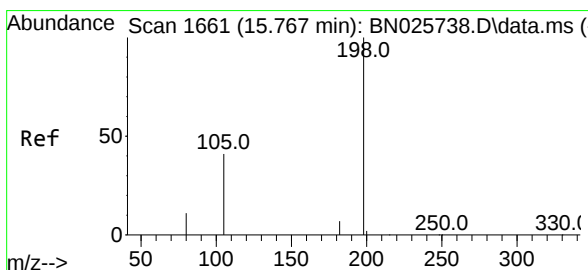
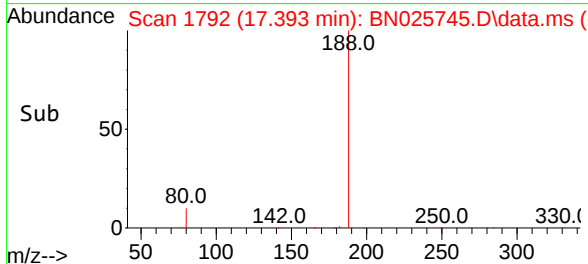
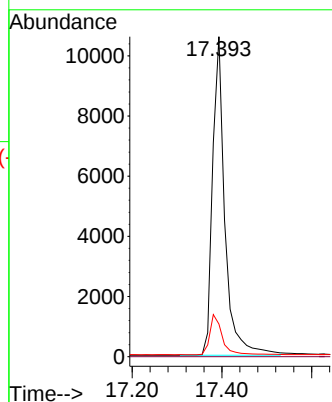
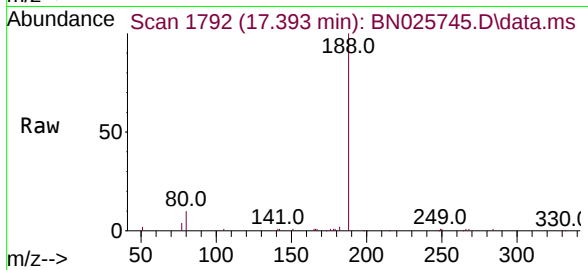
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1791
Delta R.T. 0.012 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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

Tgt Ion:188 Resp: 20119
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 12.1 18.1

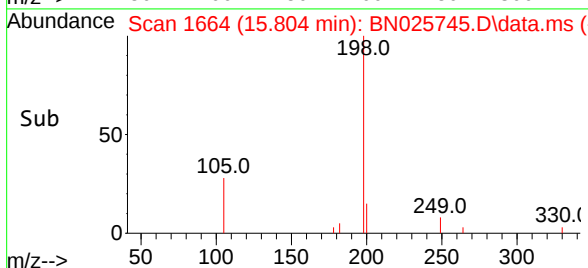
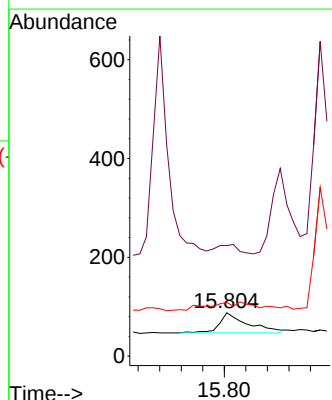
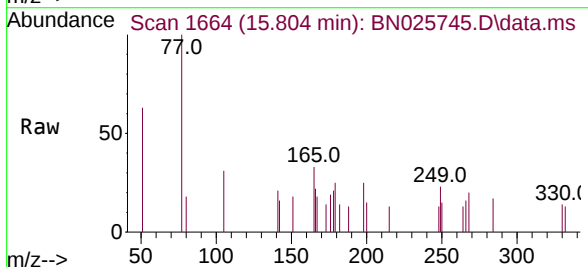
Manual Integrations
APPROVED

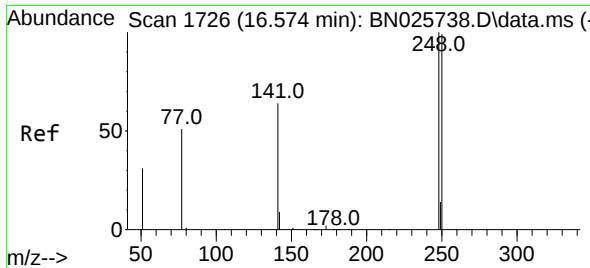
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#20
4,6-Dinitro-2-methylphenol
Concen: 0.042 ng
RT: 15.804 min Scan# 1664
Delta R.T. 0.037 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

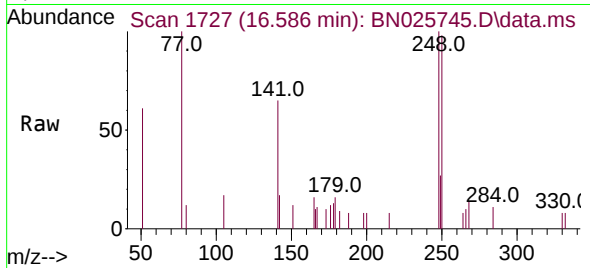
Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
51 254.5 62.7 94.1#
105 123.9 42.2 63.4#





#21
4-Bromophenyl-phenylether
Concen: 0.095 ng
RT: 16.586 min Scan# 1727
Delta R.T. 0.012 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

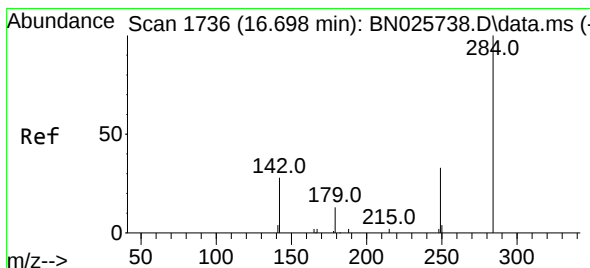
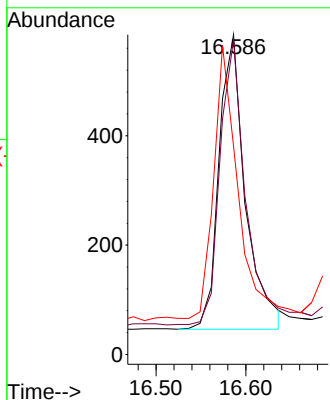
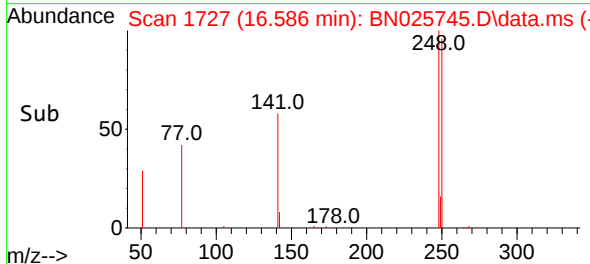
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:248 Resp: 110
Ion Ratio Lower Upper
248 100
250 98.5 79.1 118.7
141 65.1 51.9 77.9

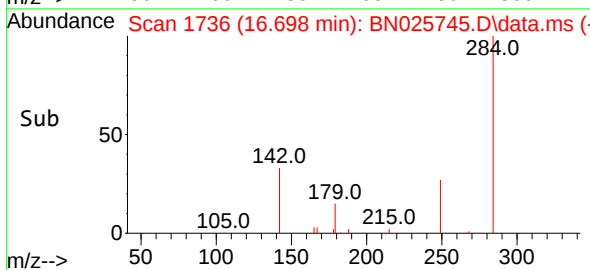
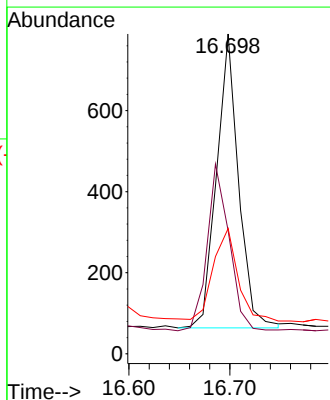
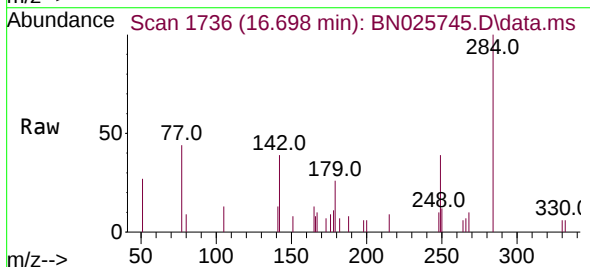
Manual Integrations
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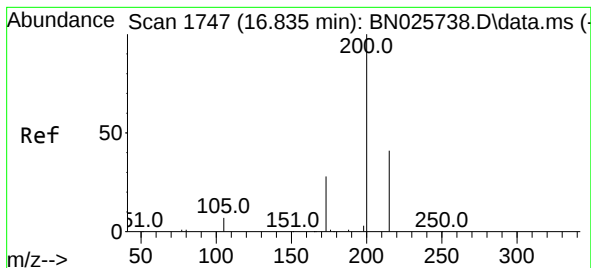
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#22
Hexachlorobenzene
Concen: 0.110 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:284 Resp: 1096
Ion Ratio Lower Upper
284 100
142 56.9 45.0 67.4
249 35.4 29.6 44.4





#23

Atrazine

Concen: 0.100 ng

RT: 16.847 min Scan# 11

Delta R.T. 0.012 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Instrument :

BNA_N

ClientSampleId :

MDL-SOIL-03-QT2-2023

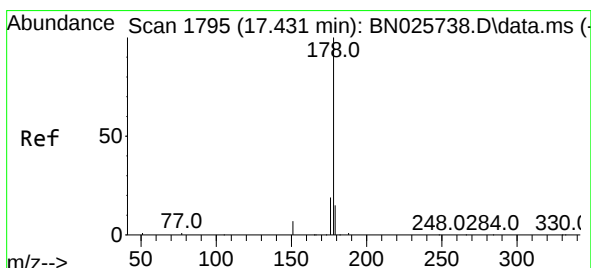
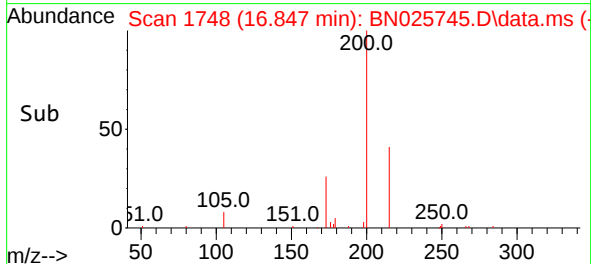
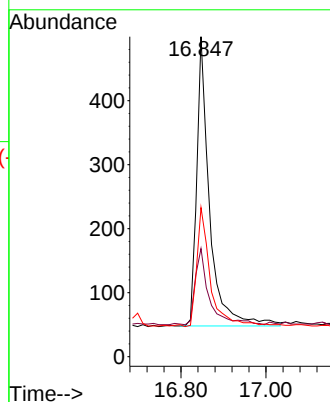
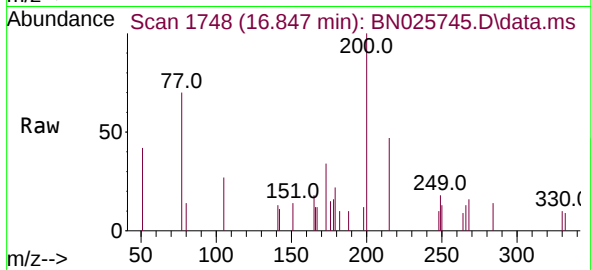
Tgt Ion:	200	Resp:	95
Ion Ratio	Lower	Upper	
200	100		
173	33.8	23.8	35.6
215	46.6	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/01/2023

Supervised By :mohammad ahmed 06/01/2023



#25

Phenanthrene

Concen: 0.099 ng

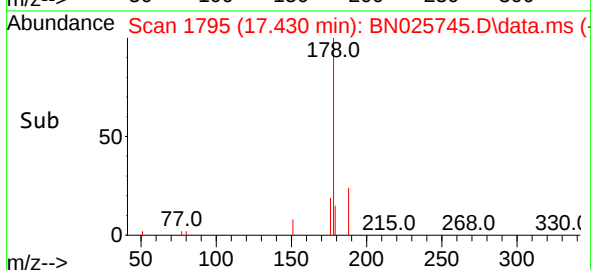
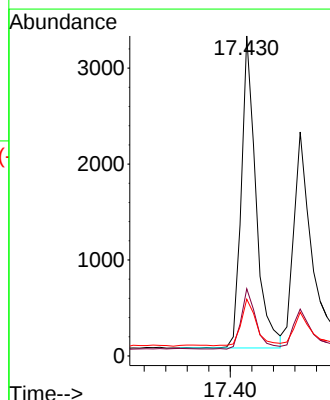
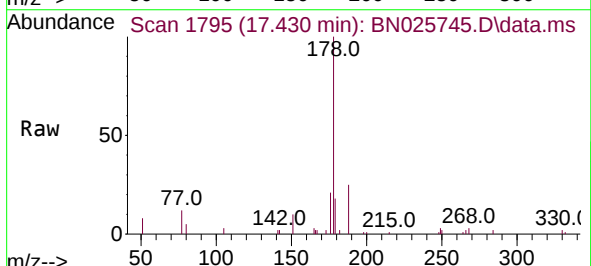
RT: 17.430 min Scan# 1795

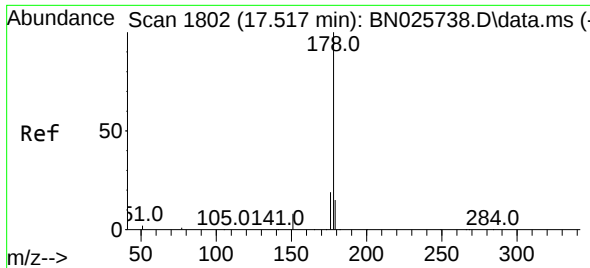
Delta R.T. -0.000 min

Lab File: BN025745.D

Acq: 31 May 2023 18:45

Tgt Ion:	178	Resp:	6106
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.7	23.5
179	15.4	12.2	18.2





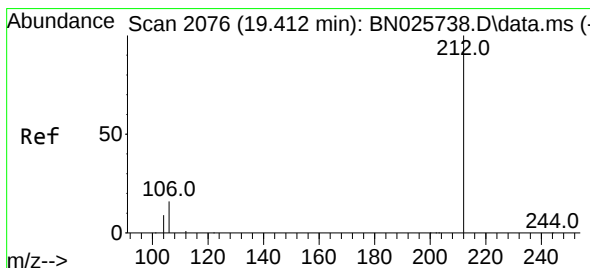
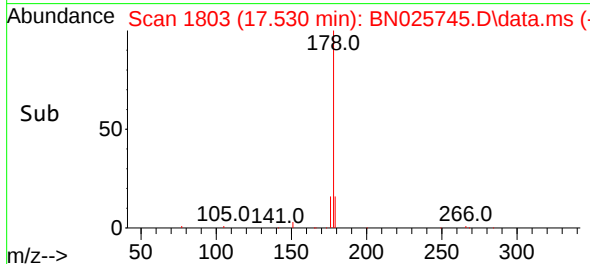
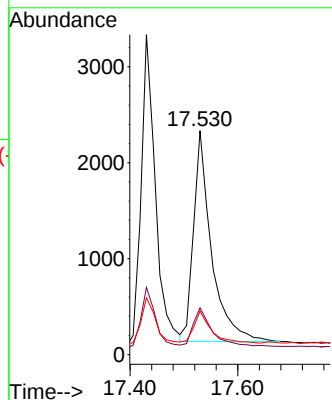
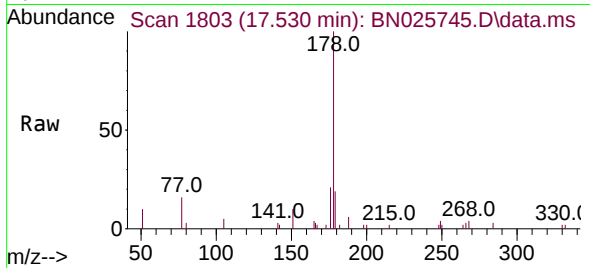
#26
 Anthracene
 Concen: 0.090 ng
 RT: 17.530 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45

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

Tgt Ion:178 Resp: 5060
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 14.6 12.2 18.2

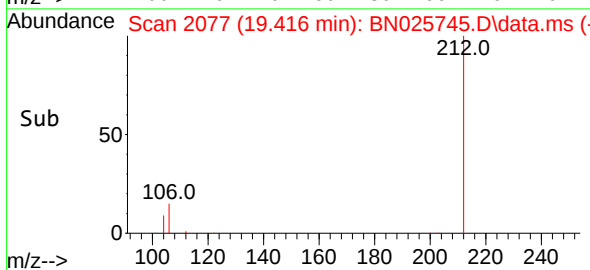
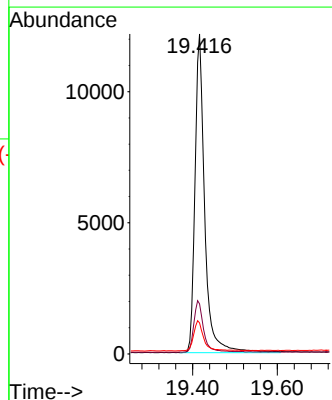
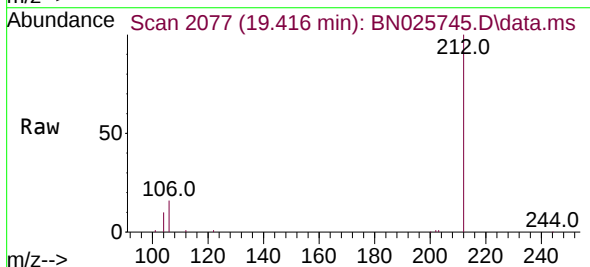
Manual Integrations
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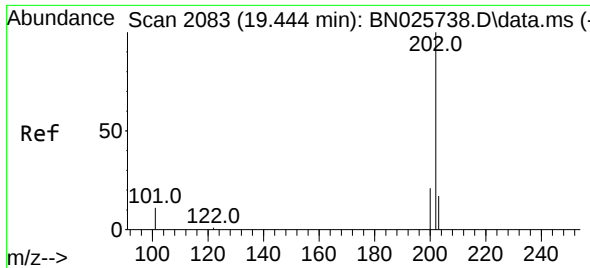
Reviewed By :Yogesh Patel 06/01/2023
 Supervised By :mohammad ahmed 06/01/2023



#27
 Fluoranthene-d10
 Concen: 0.468 ng
 RT: 19.416 min Scan# 2077
 Delta R.T. 0.005 min
 Lab File: BN025745.D
 Acq: 31 May 2023 18:45

Tgt Ion:212 Resp: 19380
 Ion Ratio Lower Upper
 212 100
 106 16.1 13.0 19.6
 104 9.7 7.7 11.5





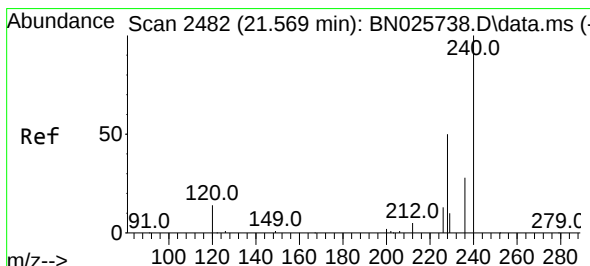
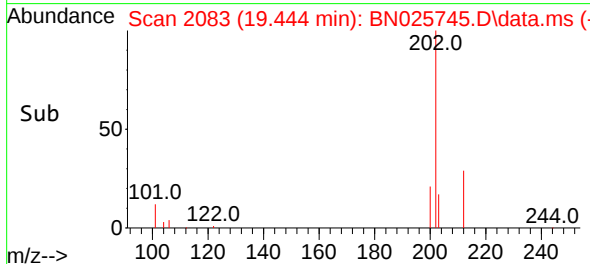
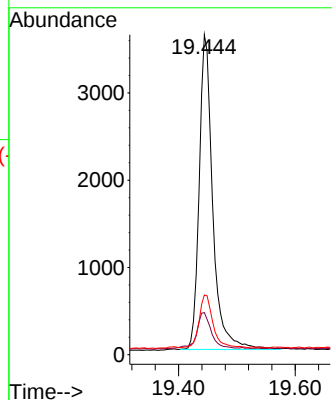
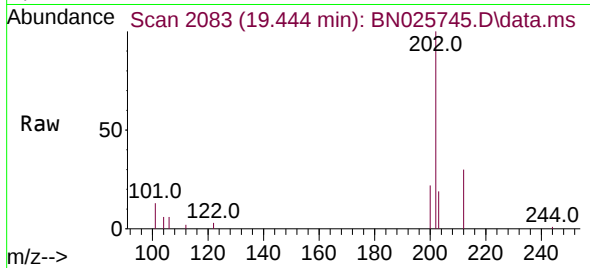
#28
Fluoranthene
Concen: 0.095 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

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

Tgt Ion:202 Resp: 581
Ion Ratio Lower Upper
202 100
101 13.2 9.8 14.8
203 17.5 13.4 20.2

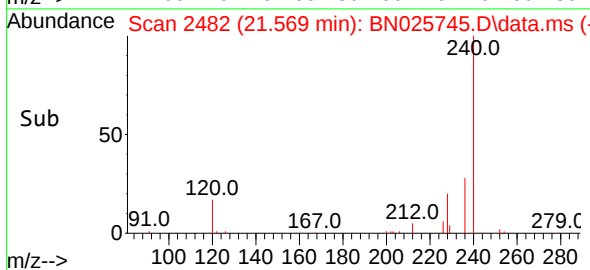
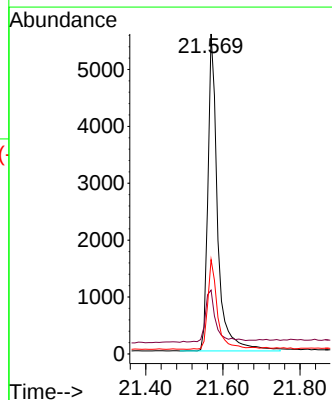
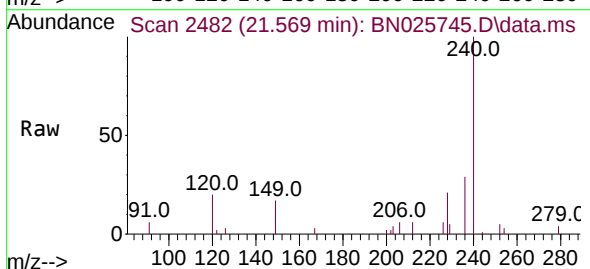
Manual Integrations
APPROVED

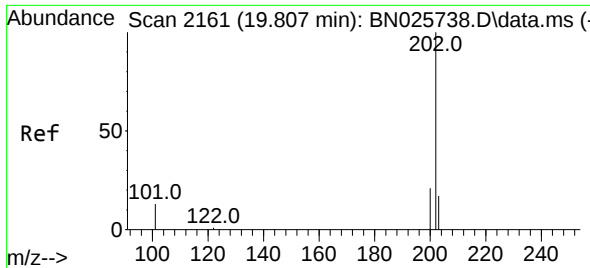
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 2482
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

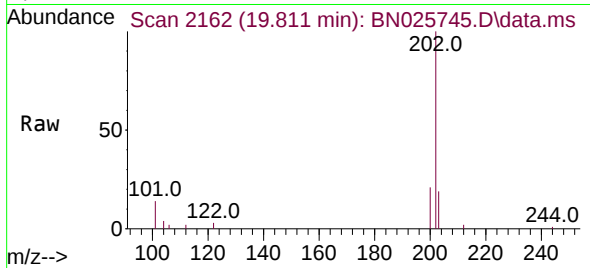
Tgt Ion:240 Resp: 9752
Ion Ratio Lower Upper
240 100
120 20.0 13.2 19.8#
236 29.5 23.1 34.7





#30
Pyrene
Concen: 0.106 ng
RT: 19.811 min Scan# 2161
Delta R.T. 0.005 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

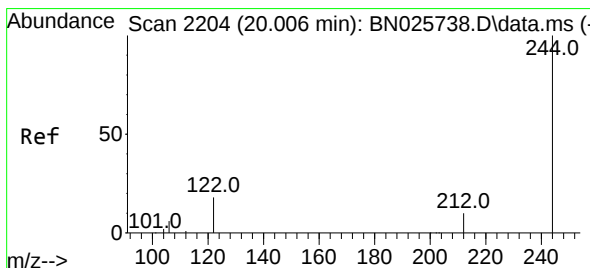
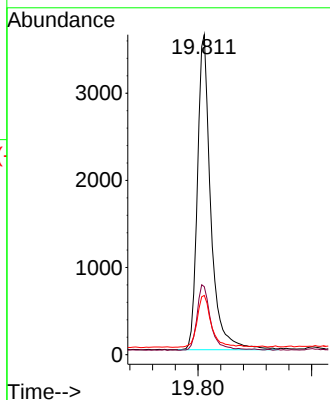
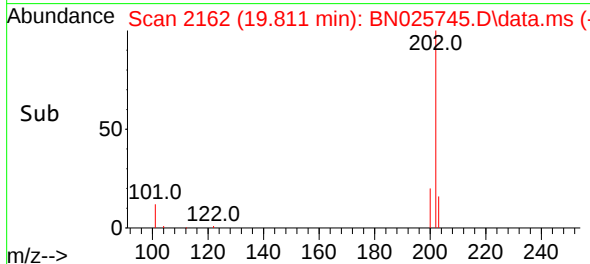
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



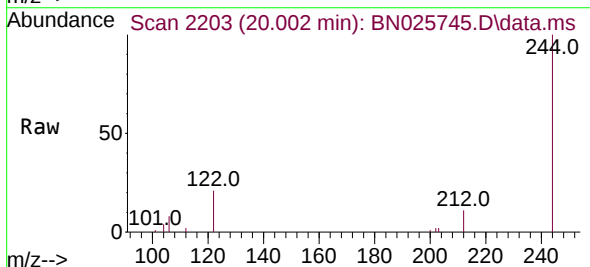
Tgt Ion:202 Resp: 587
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.6
203 17.8 14.2 21.2

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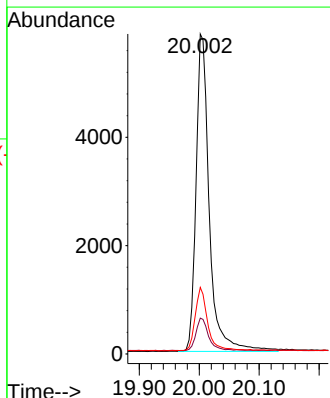
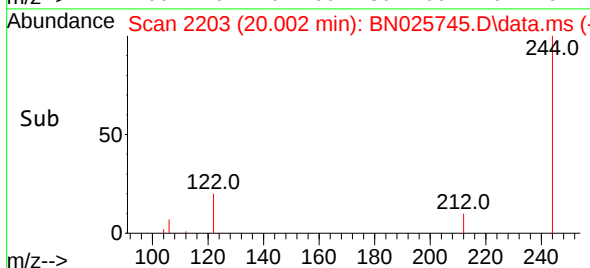
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

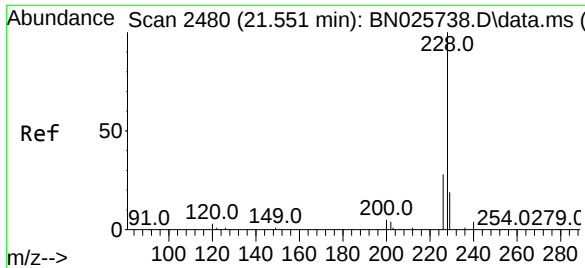


#31
Terphenyl-d14
Concen: 0.381 ng
RT: 20.002 min Scan# 2203
Delta R.T. -0.005 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45



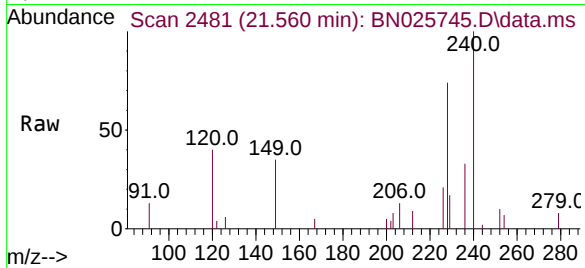
Tgt Ion:244 Resp: 9005
Ion Ratio Lower Upper
244 100
212 11.2 8.6 12.8
122 20.8 15.2 22.8





#32
Benzo(a)anthracene
Concen: 0.093 ng
RT: 21.560 min Scan# 2481
Delta R.T. 0.009 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

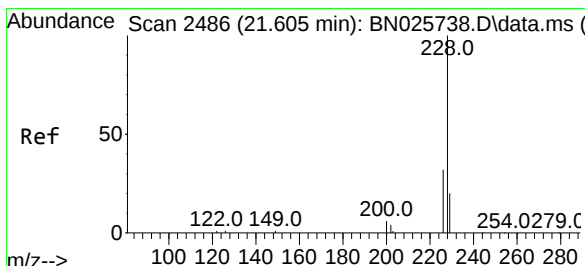
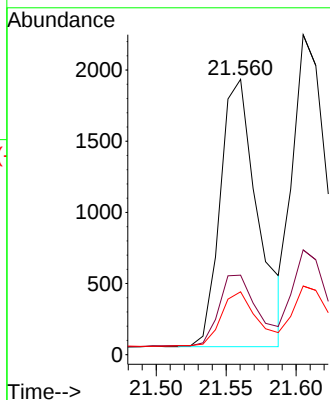
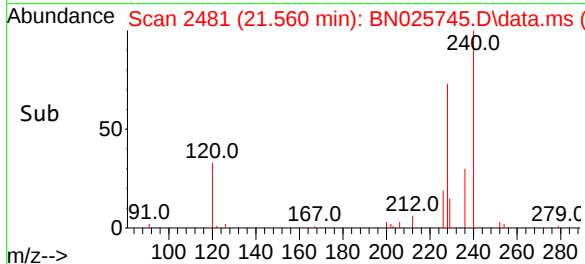
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:228 Resp: 3510
Ion Ratio Lower Upper
228 100
226 28.9 22.9 34.3
229 22.9 15.6 23.4

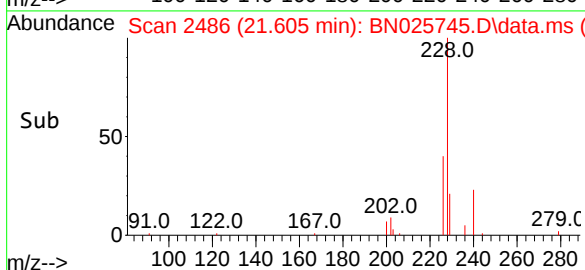
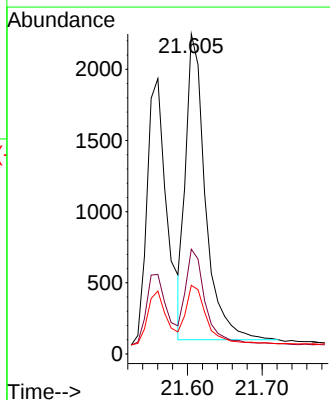
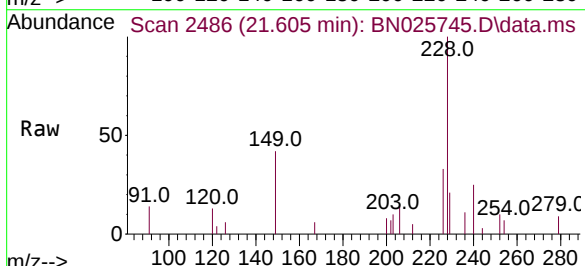
Manual Integrations
APPROVED

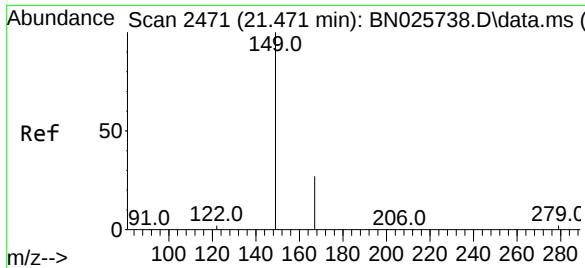
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#33
Chrysene
Concen: 0.099 ng
RT: 21.605 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

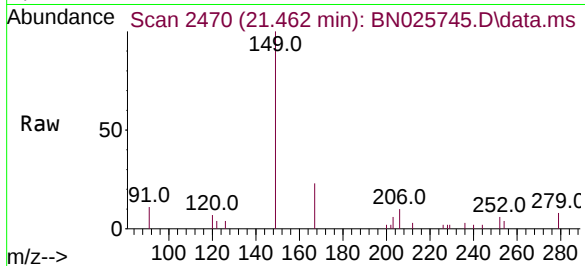
Tgt Ion:228 Resp: 3947
Ion Ratio Lower Upper
228 100
226 32.7 25.4 38.2
229 21.5 16.1 24.1





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.107 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

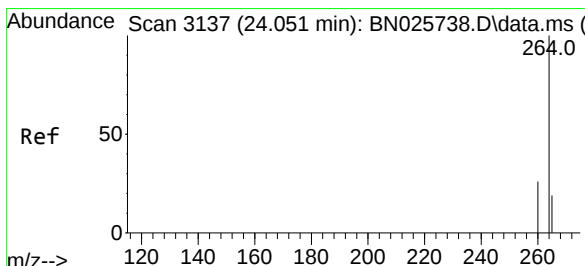
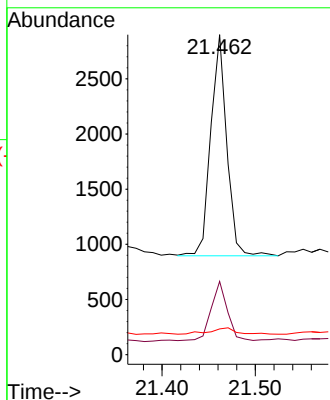
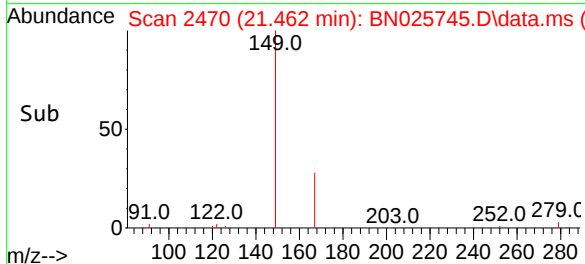
Instrument : BNA_N
ClientSampleId : MDL-SOIL-03-QT2-2023



Tgt Ion:149 Resp: 2389
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 4.7 2.2 3.4

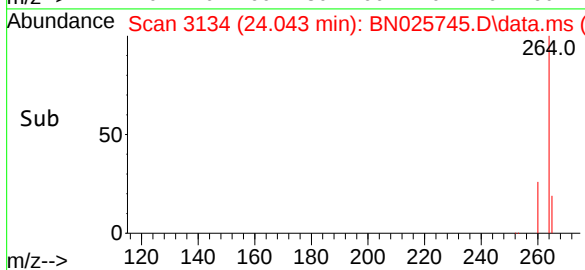
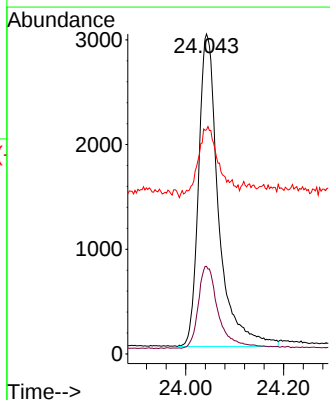
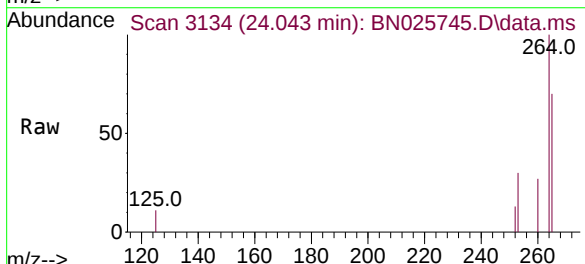
Manual Integrations
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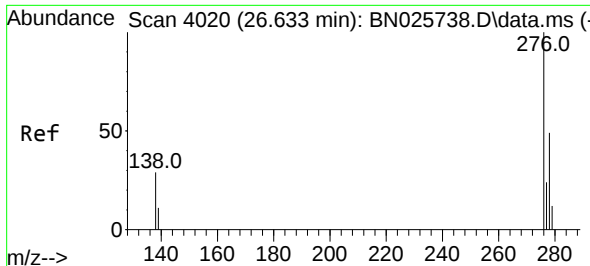
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.043 min Scan# 3134
Delta R.T. -0.009 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

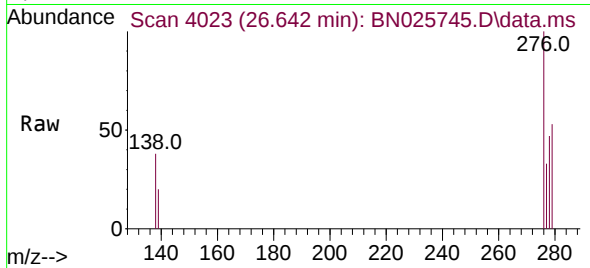
Tgt Ion:264 Resp: 8475
Ion Ratio Lower Upper
264 100
260 27.4 21.4 32.2
265 70.0 44.7 67.1





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng m
RT: 26.642 min Scan# 4020
Delta R.T. 0.009 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

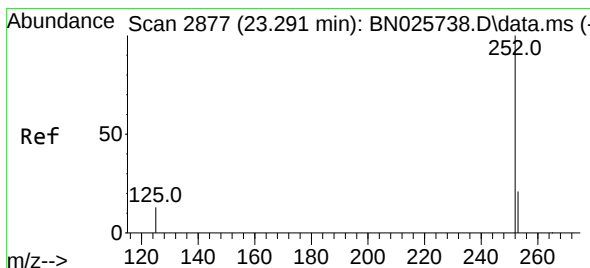
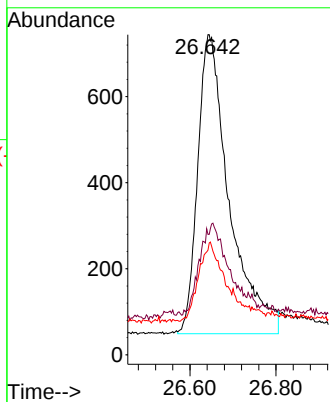
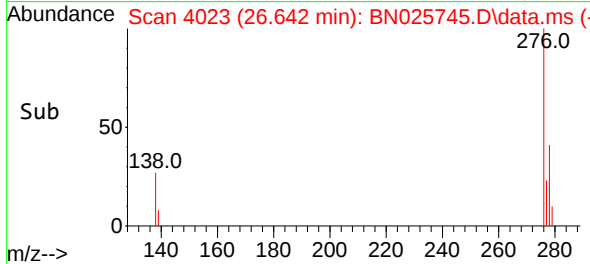
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:276 Resp: 3539
Ion Ratio Lower Upper
276 100
138 27.7 26.1 39.1
277 19.8 19.4 29.2

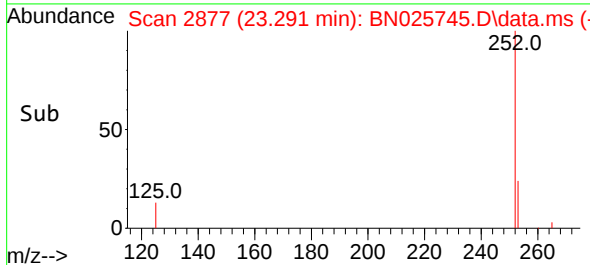
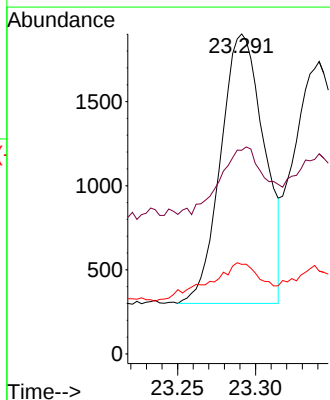
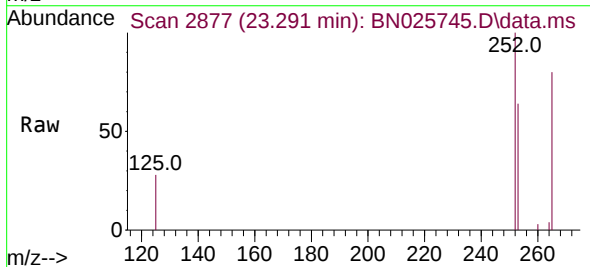
Manual Integrations
APPROVED

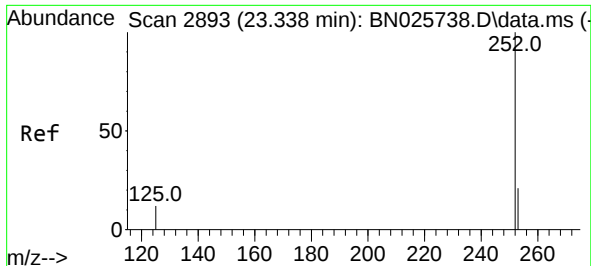
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#37
Benzo(b)fluoranthene
Concen: 0.093 ng
RT: 23.291 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

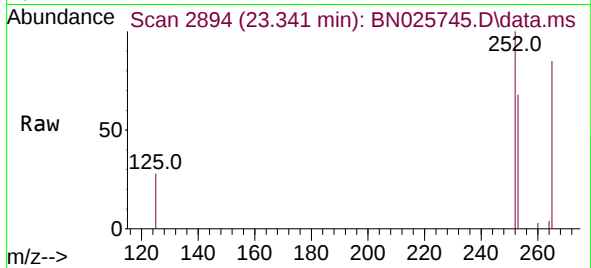
Tgt Ion:252 Resp: 3110
Ion Ratio Lower Upper
252 100
253 63.7 23.4 35.0#
125 28.0 12.3 18.5#





#38
Benzo(k)fluoranthene
Concen: 0.107 ng m
RT: 23.341 min Scan# 2893
Delta R.T. 0.003 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

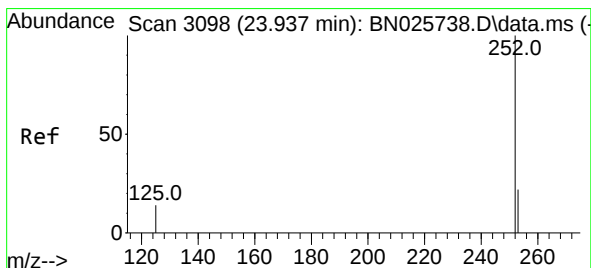
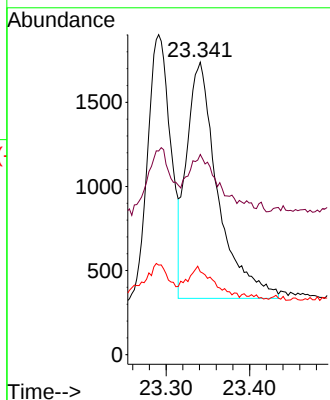
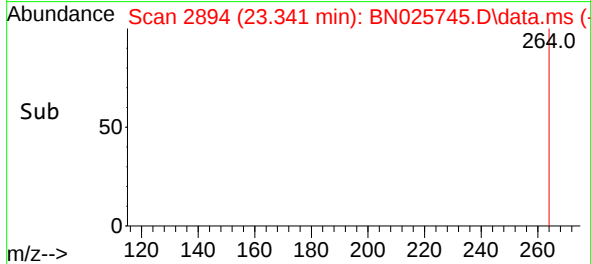
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



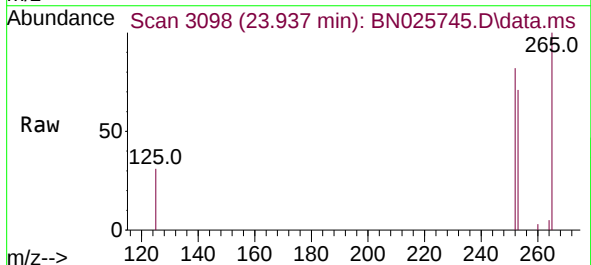
Tgt Ion:252 Resp: 365
Ion Ratio Lower Upper
252 100
253 68.5 24.2 36.4#
125 28.4 12.2 18.2#

Manual Integrations
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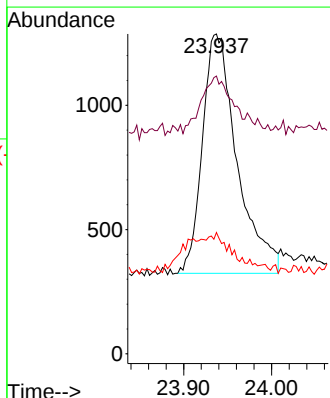
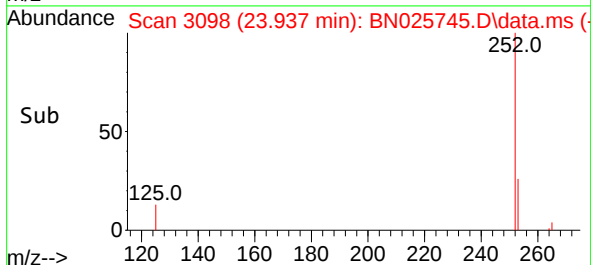
Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023

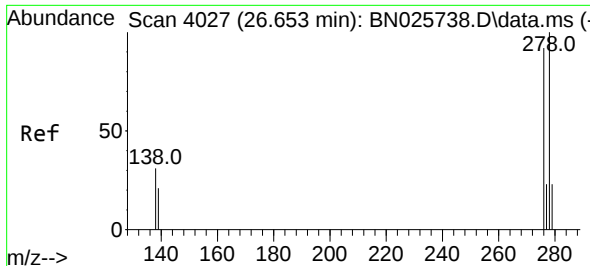


#39
Benzo(a)pyrene
Concen: 0.083 ng
RT: 23.937 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45



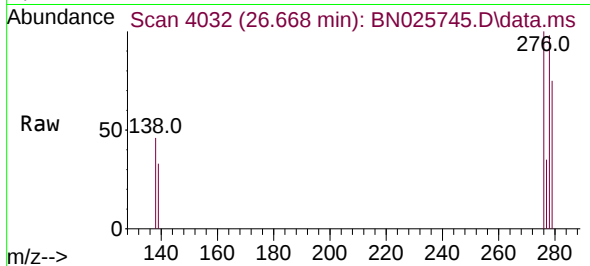
Tgt Ion:252 Resp: 2640
Ion Ratio Lower Upper
252 100
253 86.9 27.5 41.3#
125 37.9 14.6 21.8#





#40
Dibenzo(a,h)anthracene
Concen: 0.089 ng
RT: 26.668 min Scan# 4027
Delta R.T. 0.015 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

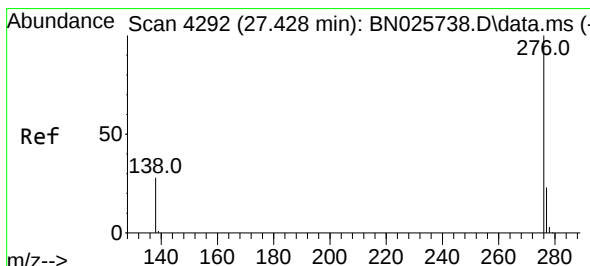
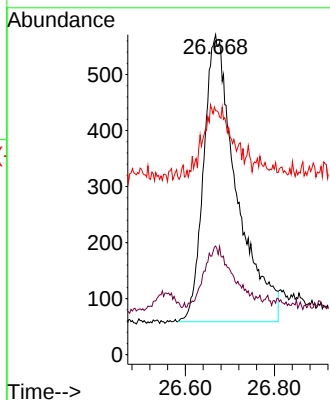
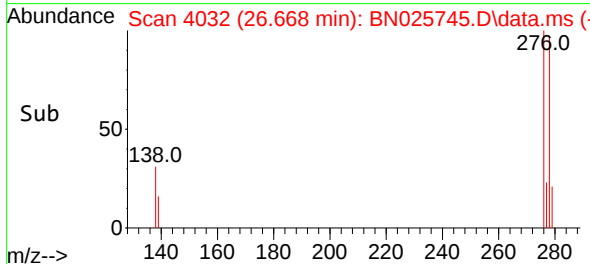
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:278 Resp: 2620
Ion Ratio Lower Upper
278 100
139 34.0 18.7 28.1#
279 76.2 25.1 37.7#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/01/2023
Supervised By :mohammad ahmed 06/01/2023



#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.431 min Scan# 4293
Delta R.T. 0.003 min
Lab File: BN025745.D
Acq: 31 May 2023 18:45

Tgt Ion:276 Resp: 3265
Ion Ratio Lower Upper
276 100
277 32.1 20.2 30.2#
138 37.6 24.2 36.4#

