

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
 Data File : BN029496.D
 Acq On : 02 Feb 2024 11:43
 Operator : MA/JU
 Sample : 02213-03
 Misc : MDL-MDL-SOIL-0.1NG
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 02 12:27:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4407	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	12136	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	5586	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	10005	0.400	ng	0.00
29) Chrysene-d12	21.483	240	6076	0.400	ng	0.00
35) Perylene-d12	23.865	264	5948	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3855	0.364	ng	0.00
5) Phenol-d6	7.053	99	5013	0.410	ng	0.00
8) Nitrobenzene-d5	9.057	82	4027	0.399	ng	0.00
11) 2-Methylnaphthalene-d10	12.284	152	8978	0.543	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	559	0.312	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	8465	0.353	ng	0.00
27) Fluoranthene-d10	19.317	212	13425	0.554	ng	0.00
31) Terphenyl-d14	19.926	244	5334	0.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.377	88	1023	0.165	ng	96
3) n-Nitrosodimethylamine	3.716	42	487	0.096	ng	# 82
6) bis(2-Chloroethyl)ether	7.327	93	1394	0.120	ng	99
9) Naphthalene	10.744	128	3837	0.111	ng	97
10) Hexachlorobutadiene	11.021	225	619	0.094	ng	# 98
12) 2-Methylnaphthalene	12.359	142	2129	0.105	ng	99
16) Acenaphthylene	14.255	152	2660	0.100	ng	98
17) Acenaphthene	14.597	154	1710	0.096	ng	98
18) Fluorene	15.580	166	2083	0.093	ng	100
20) 4,6-Dinitro-2-methylph...	15.667	198	117	0.080	ng	# 35
21) 4-Bromophenyl-phenylether	16.486	248	622	0.104	ng	# 77
22) Hexachlorobenzene	16.585	284	713	0.098	ng	99
23) Atrazine	16.759	200	409	0.097	ng	# 88
24) Pentachlorophenol	16.933	266	127	0.055	ng	# 77
25) Phenanthrene	17.330	178	3021	0.102	ng	100
26) Anthracene	17.417	178	2485	0.099	ng	99
28) Fluoranthene	19.350	202	2884	0.087	ng	98
30) Pyrene	19.712	202	2855	0.102	ng	99
32) Benzo(a)anthracene	21.474	228	1860	0.090	ng	95
33) Chrysene	21.519	228	2100	0.089	ng	95
34) Bis(2-ethylhexyl)phtha...	21.420	149	2037	0.144	ng	96
36) Indeno(1,2,3-cd)pyrene	26.335	276	1989	0.083	ng	# 82
37) Benzo(b)fluoranthene	23.145	252	1858	0.087	ng	# 65
38) Benzo(k)fluoranthene	23.195	252	1883	0.085	ng	# 50
39) Benzo(a)pyrene	23.759	252	1612m	0.087	ng	
40) Dibenzo(a,h)anthracene	26.364	278	1545	0.081	ng	# 67
41) Benzo(g,h,i)perylene	27.078	276	1937	0.084	ng	# 85

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

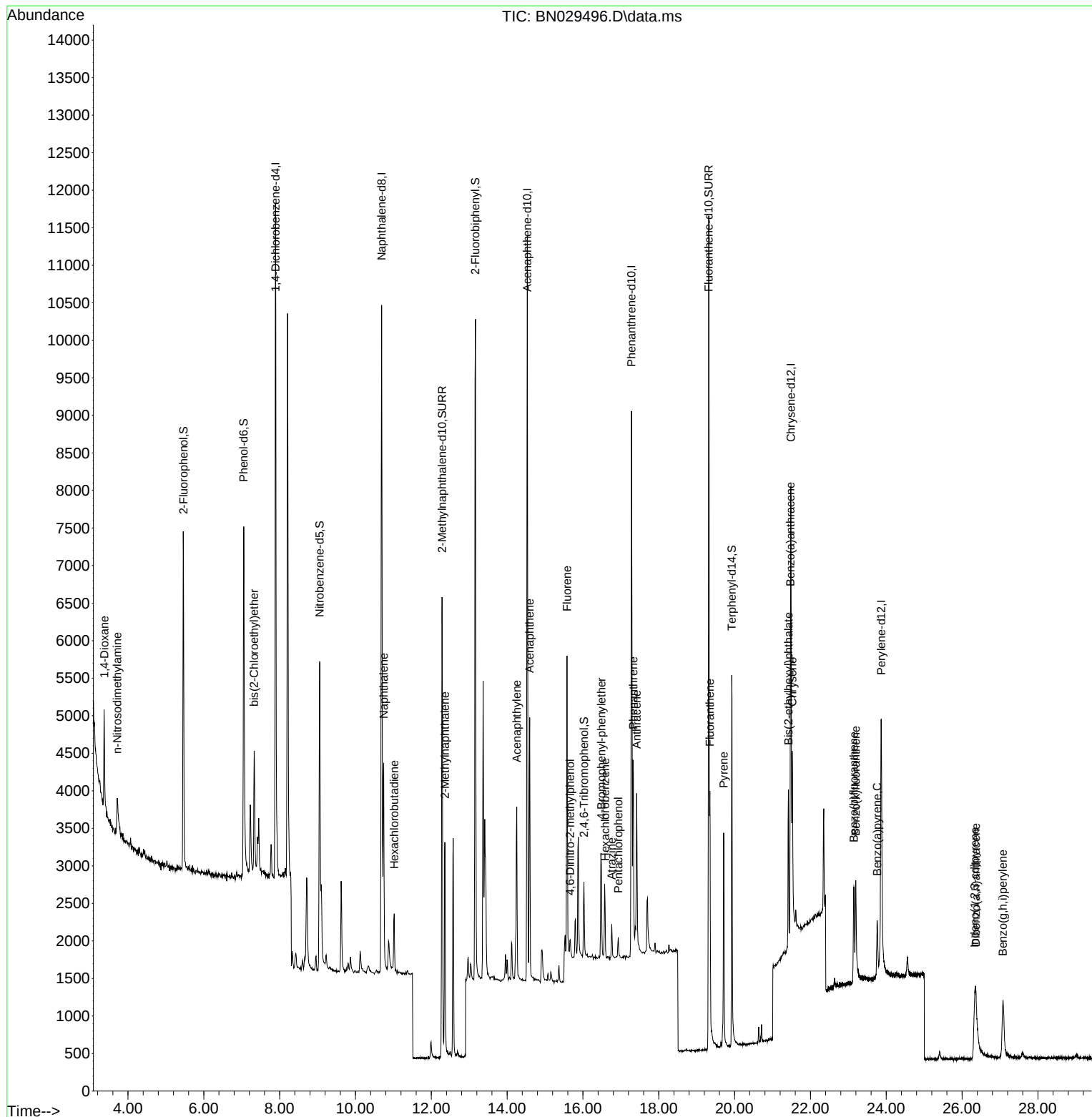
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020224\
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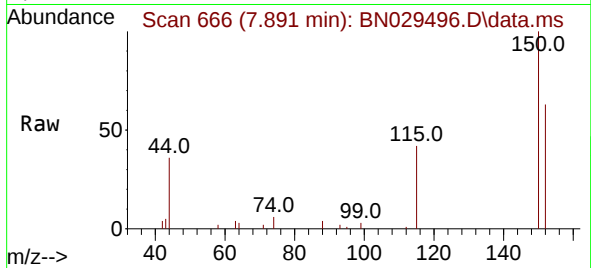
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.891 min Scan# 668
Delta R.T. -0.007 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

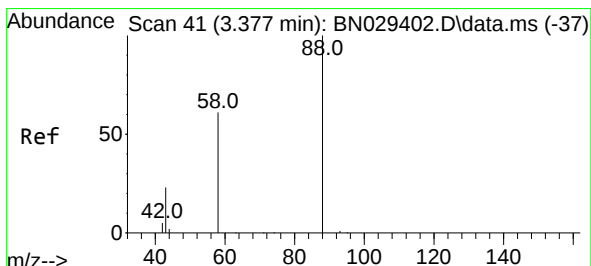
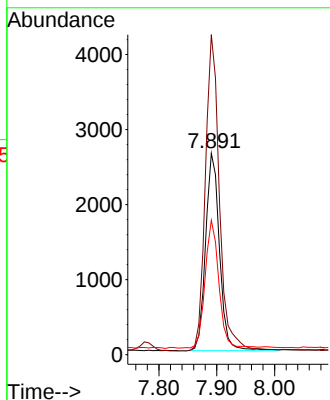
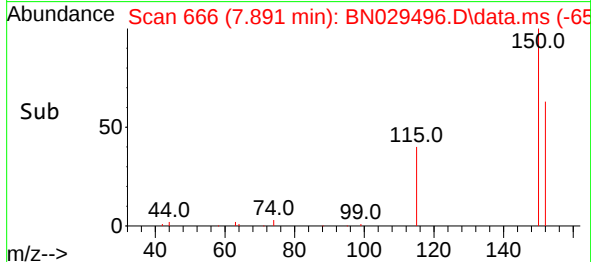
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:152 Resp: 440
Ion Ratio Lower Upper
152 100
150 158.9 123.0 184.4
115 66.7 51.4 77.0

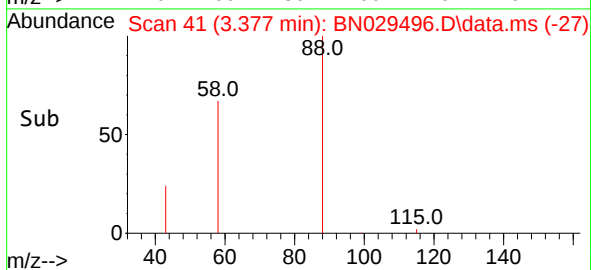
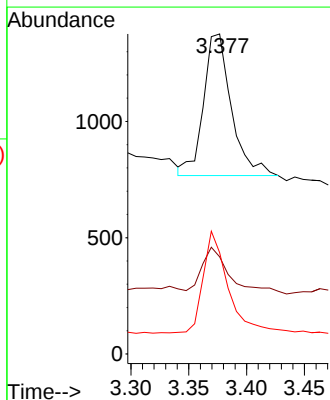
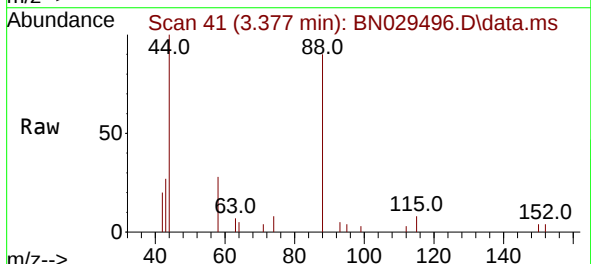
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Supervised By :mohammad ahmed 02/06/2024



#2
1,4-Dioxane
Concen: 0.165 ng
RT: 3.377 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

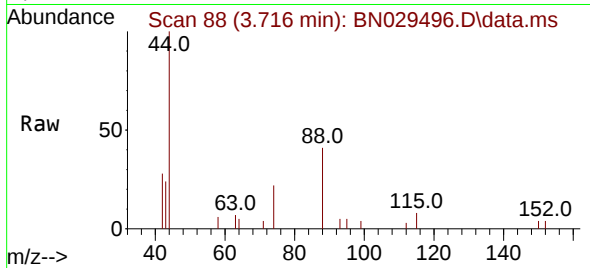
Tgt Ion: 88 Resp: 1023
Ion Ratio Lower Upper
88 100
43 27.7 23.3 34.9
58 63.9 53.8 80.6





#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.716 min Scan# 80
Delta R.T. 0.007 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

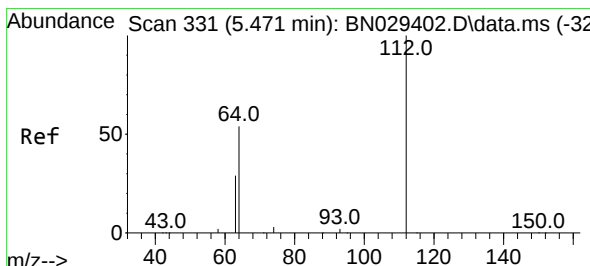
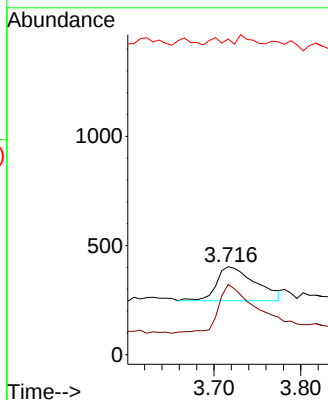
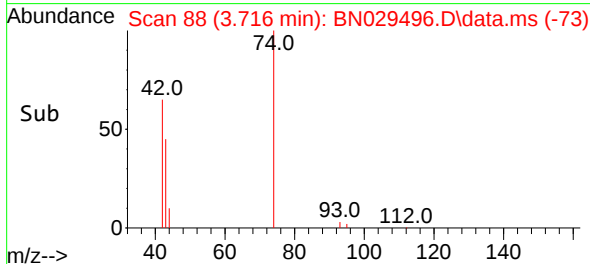
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion: 42 Resp: 48
Ion Ratio Lower Upper
42 100
74 137.2 93.7 140.5
44 7.8 13.0 19.4

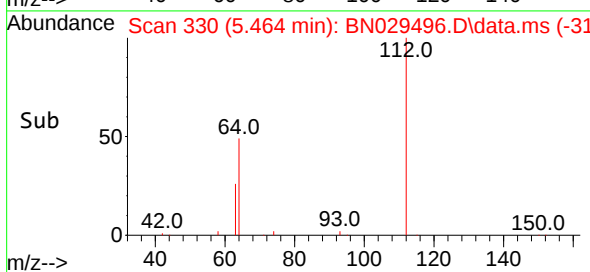
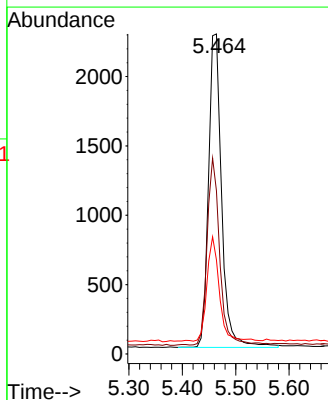
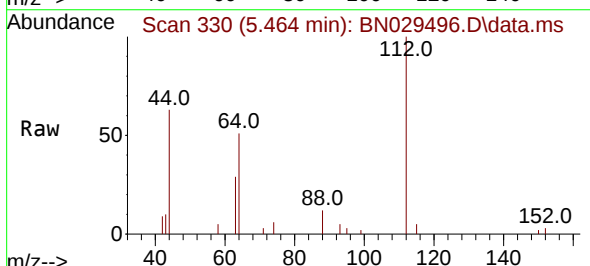
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Supervised By :mohammad ahmed 02/06/2024



#4
2-Fluorophenol
Concen: 0.364 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

Tgt Ion:112 Resp: 3855
Ion Ratio Lower Upper
112 100
64 57.3 47.2 70.8
63 32.3 25.8 38.6





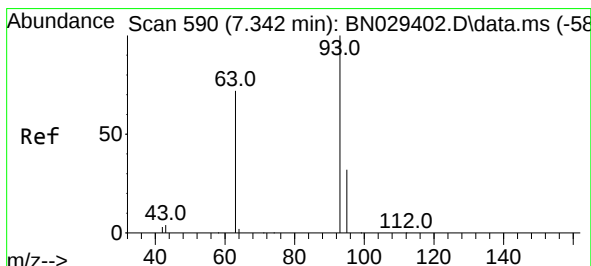
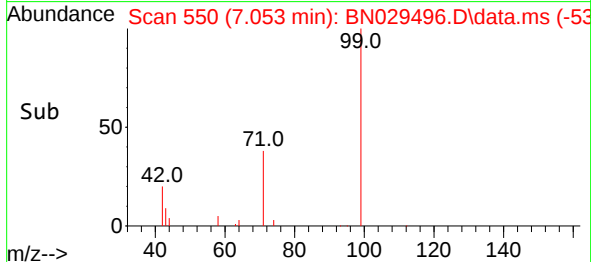
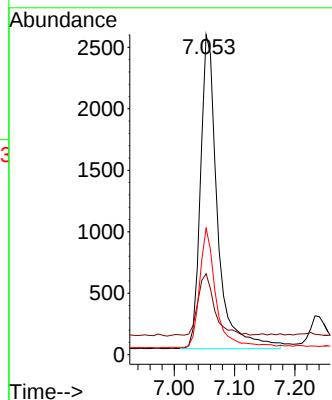
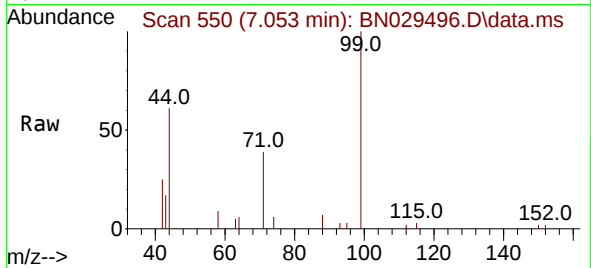
#5
Phenol-d6
Concen: 0.410 ng
RT: 7.053 min Scan# 501
Delta R.T. -0.007 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

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

Tgt Ion: 99 Resp: 501
Ion Ratio Lower Upper
99 100
42 20.1 16.9 25.3
71 36.3 30.0 45.0

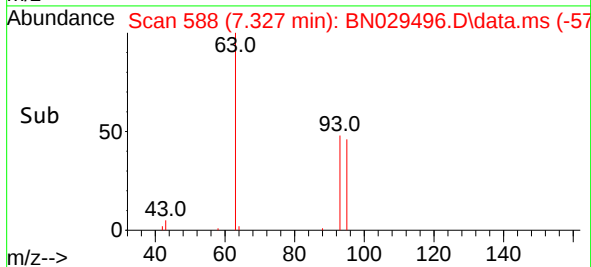
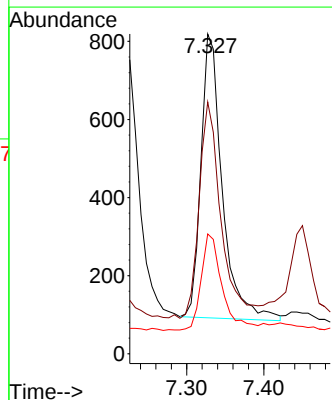
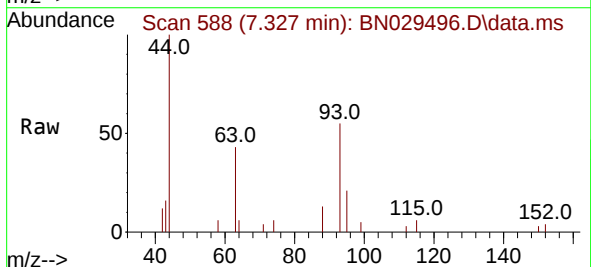
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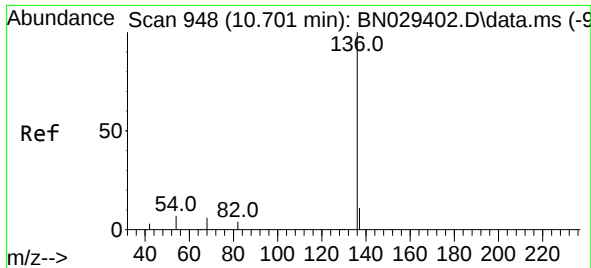
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#6
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 7.327 min Scan# 588
Delta R.T. -0.007 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

Tgt Ion: 93 Resp: 1394
Ion Ratio Lower Upper
93 100
63 78.0 63.1 94.7
95 33.0 27.1 40.7





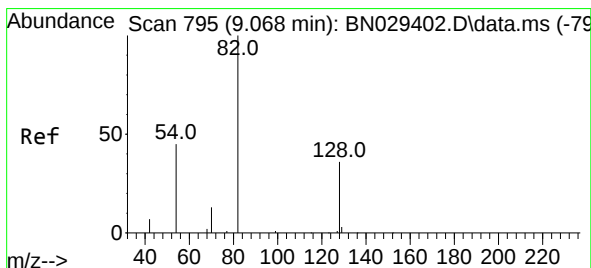
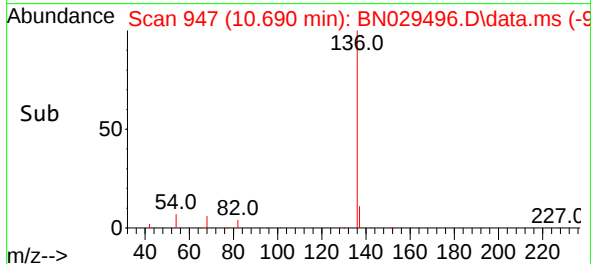
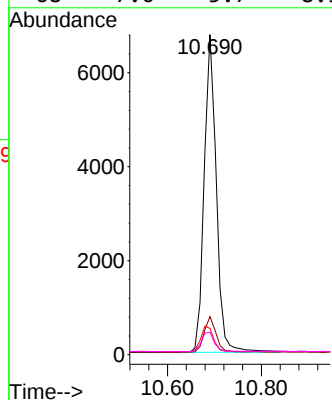
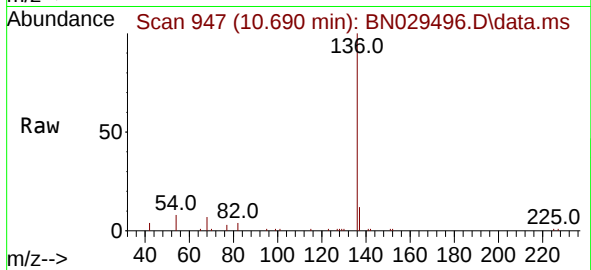
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

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

Tgt Ion:	136	Resp:	1213
Ion Ratio	Lower	Upper	
136	100		
137	11.9	9.7	14.5
54	8.2	6.6	10.0
68	7.0	5.7	8.5

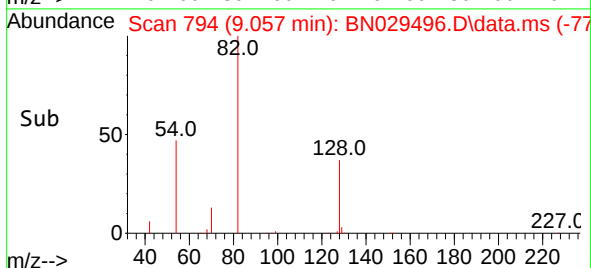
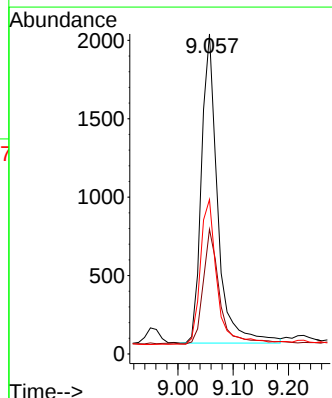
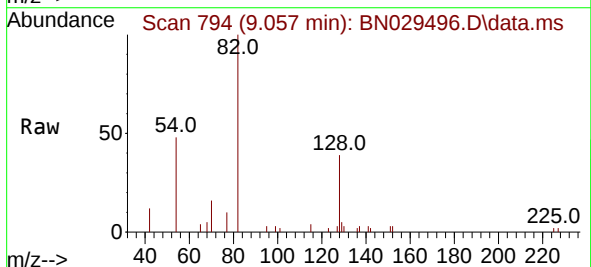
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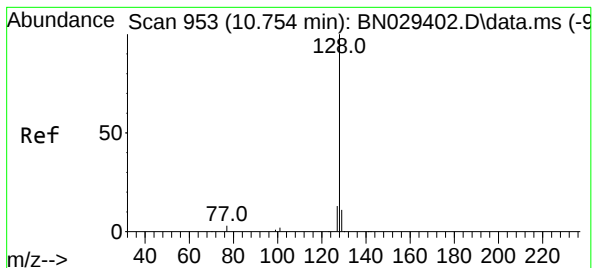
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.057 min Scan# 794
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

Tgt Ion:	82	Resp:	4027
Ion Ratio	Lower	Upper	
82	100		
128	39.0	31.6	47.4
54	48.3	38.2	57.4





#9

Naphthalene

Concen: 0.111 ng

RT: 10.744 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

Instrument :

BNA_N

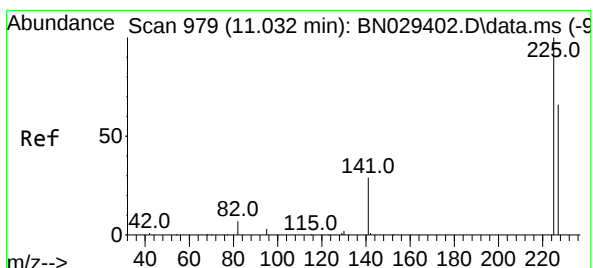
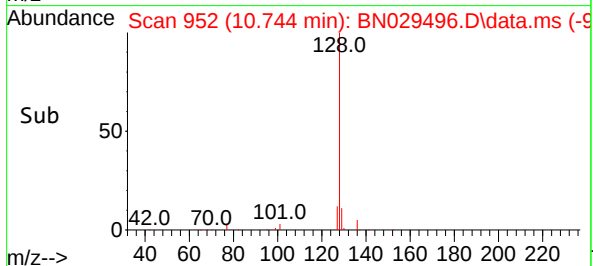
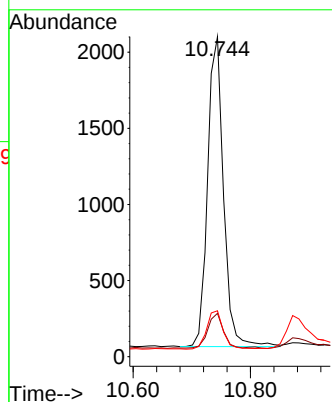
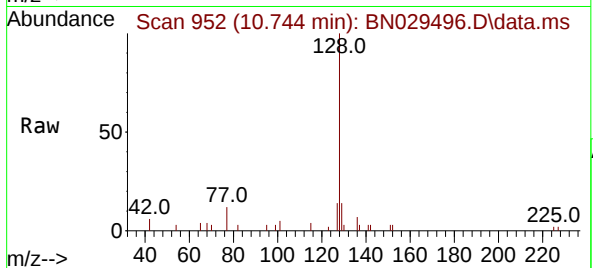
ClientSampleId :

MDL-SOIL-03-QT2-2023

Tgt Ion:	128	Resp:	383
Ion Ratio	Lower	Upper	
128	100		
129	13.6	9.5	14.3
127	14.4	10.8	16.2

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.094 ng

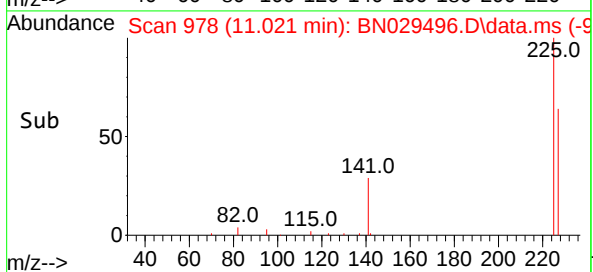
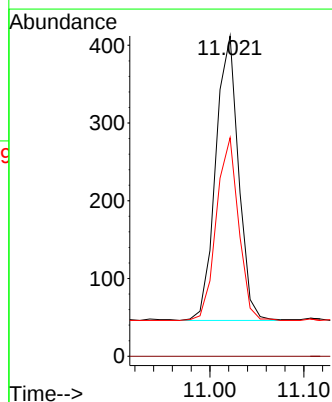
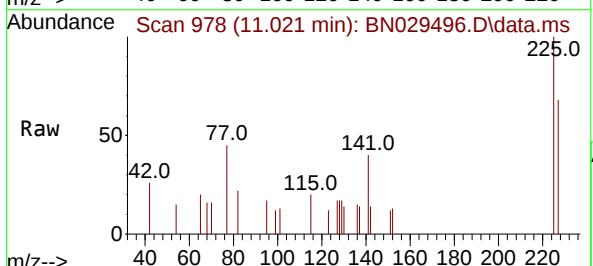
RT: 11.021 min Scan# 978

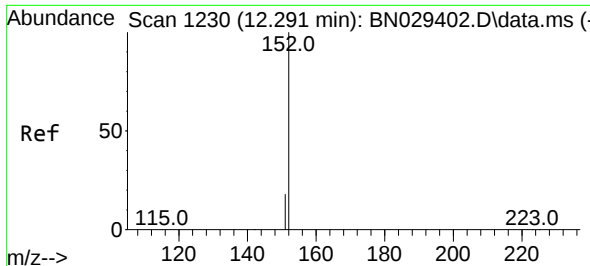
Delta R.T. 0.000 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

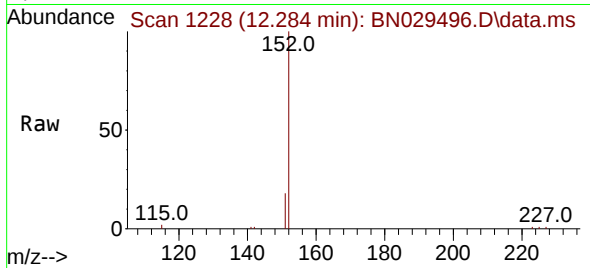
Tgt Ion:	225	Resp:	619
Ion Ratio	Lower	Upper	
225	100		
223	0.0	0.0	0.0
227	62.4	51.1	76.7





#11
2-Methylnaphthalene-d10
Concen: 0.543 ng
RT: 12.284 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

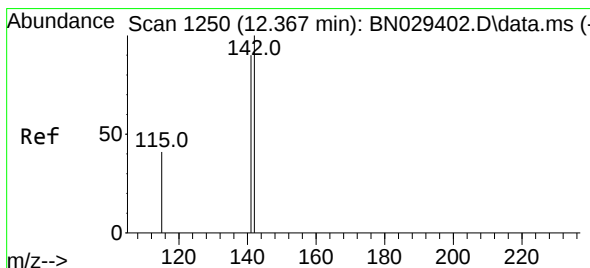
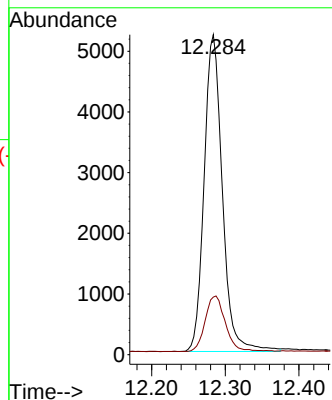
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:152 Resp: 8978
Ion Ratio Lower Upper
152 100
151 19.5 17.1 25.7

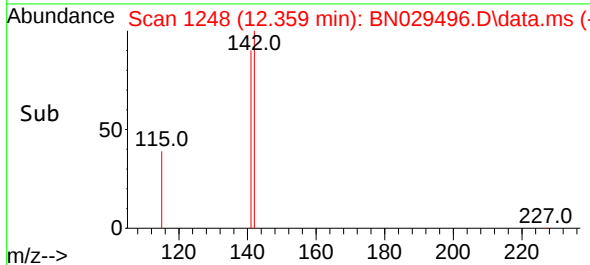
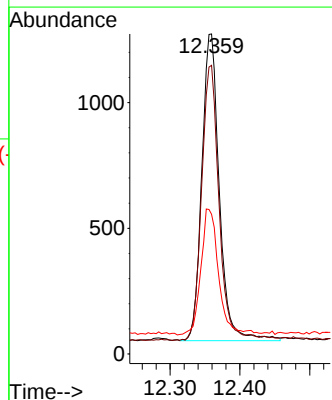
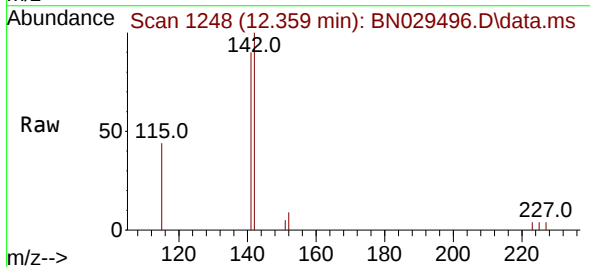
Manual Integrations
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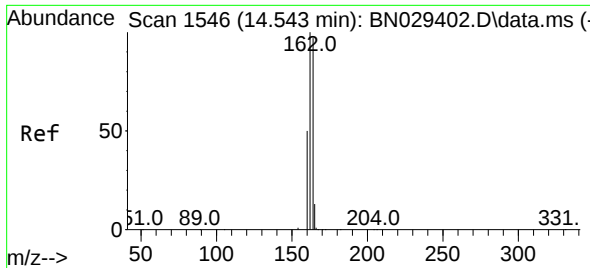
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#12
2-Methylnaphthalene
Concen: 0.105 ng
RT: 12.359 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

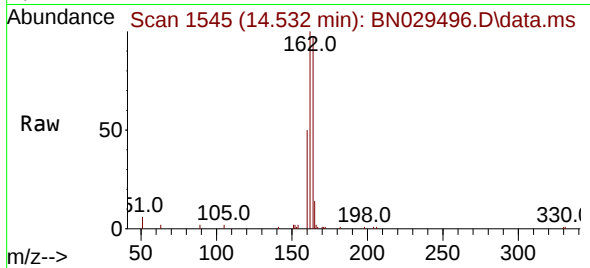
Tgt Ion:142 Resp: 2129
Ion Ratio Lower Upper
142 100
141 90.2 71.9 107.9
115 43.7 33.9 50.9





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1545
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

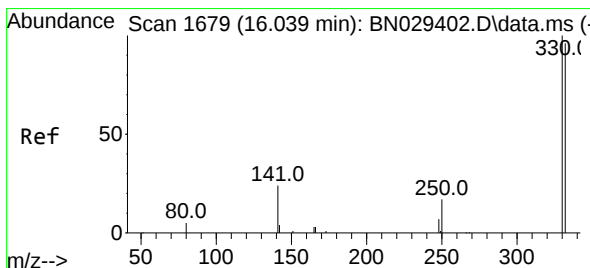
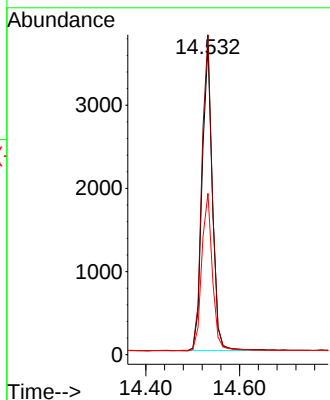
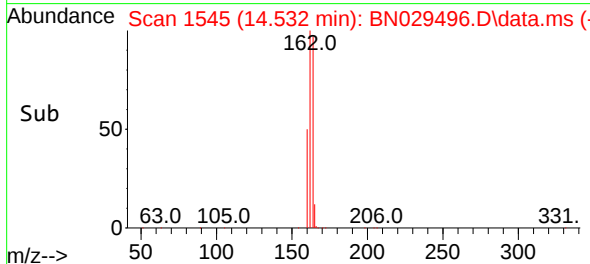
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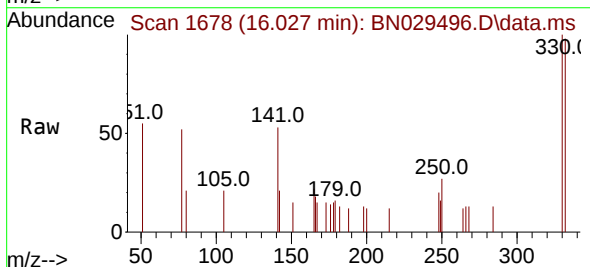
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Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 52.1 41.5 62.3

Manual Integrations
APPROVED

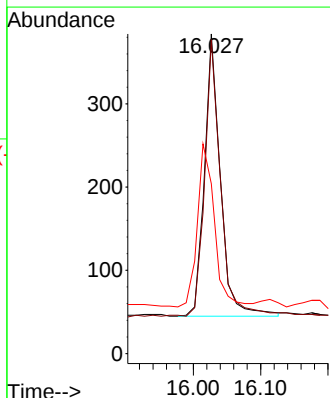
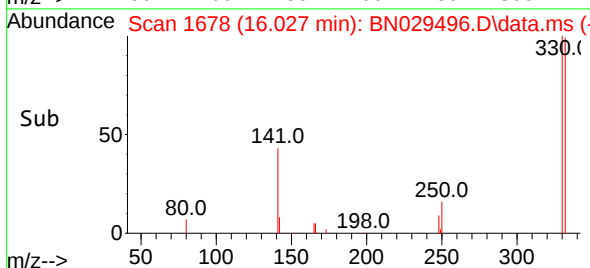
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

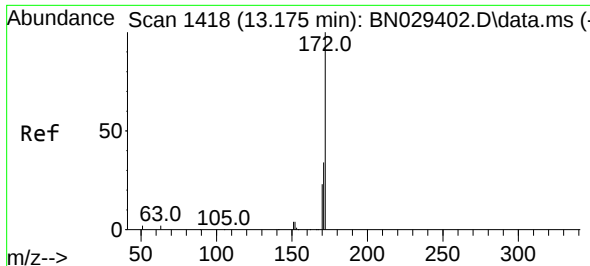


#14
2,4,6-Tribromophenol
Concen: 0.312 ng
RT: 16.027 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43



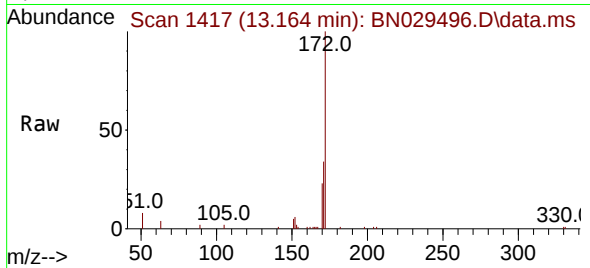
Tgt Ion:330 Resp: 559
Ion Ratio Lower Upper
330 100
332 97.0 76.0 114.0
141 61.4 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.353 ng
RT: 13.164 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

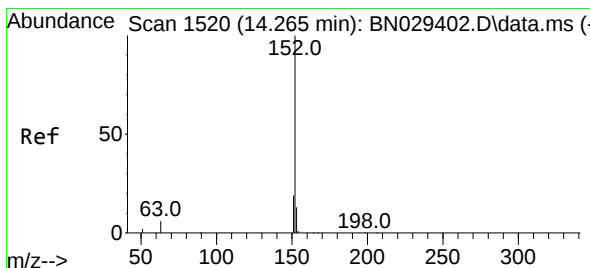
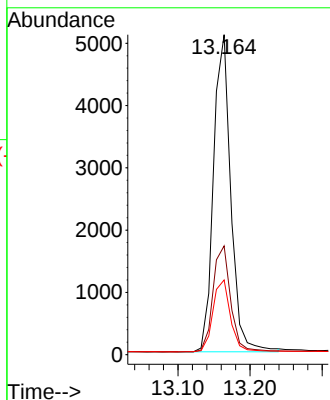
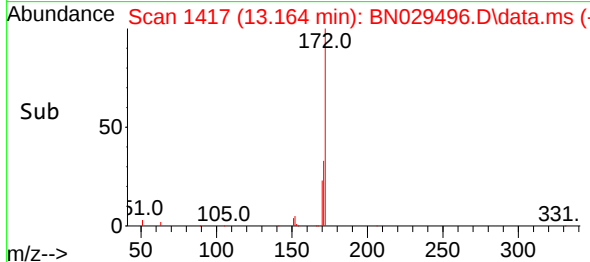
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:172 Resp: 846
Ion Ratio Lower Upper
172 100
171 34.0 28.0 42.0
170 23.4 18.7 28.1

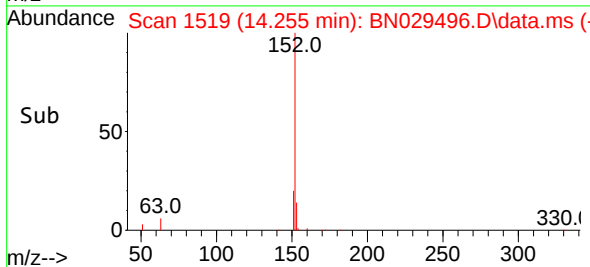
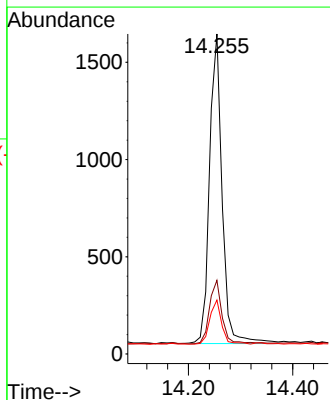
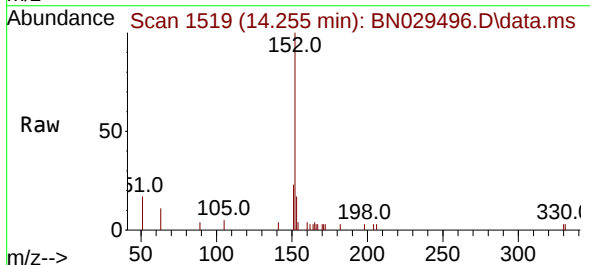
Manual Integrations
APPROVED

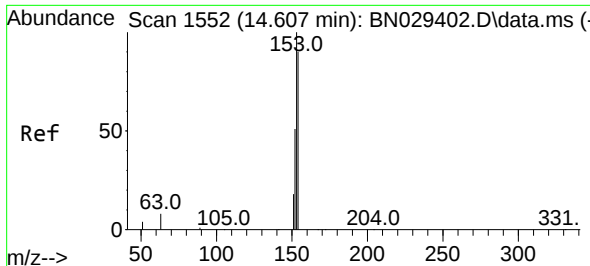
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#16
Acenaphthylene
Concen: 0.100 ng
RT: 14.255 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

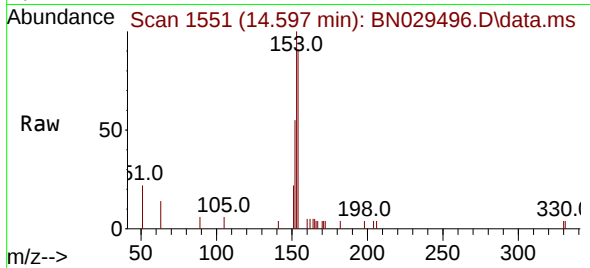
Tgt Ion:152 Resp: 2660
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 13.4 10.5 15.7





#17
Acenaphthene
Concen: 0.096 ng
RT: 14.597 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

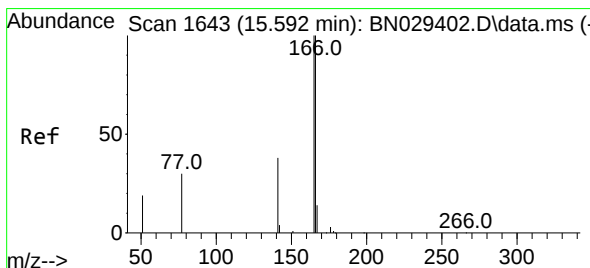
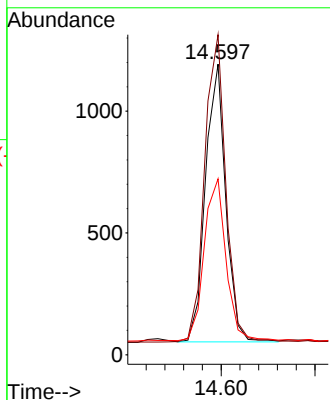
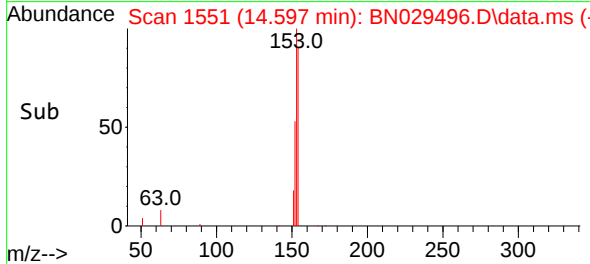
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:154 Resp: 1710
Ion Ratio Lower Upper
154 100
153 115.6 93.6 140.4
152 62.3 48.6 73.0

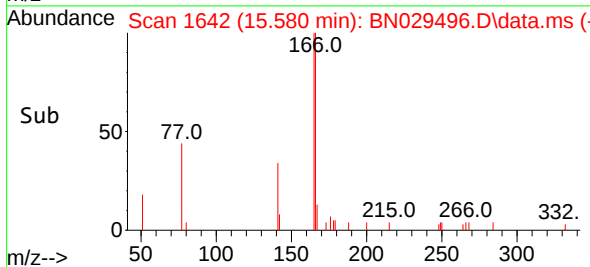
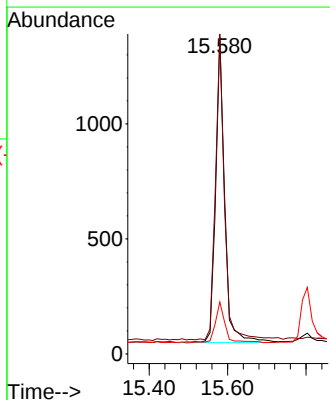
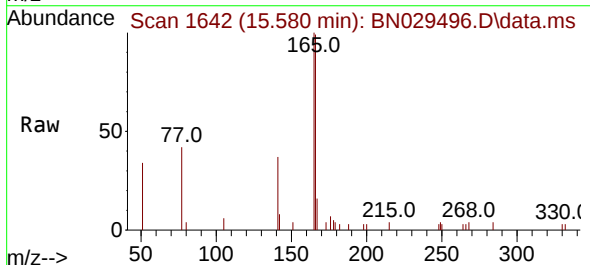
Manual Integrations
APPROVED

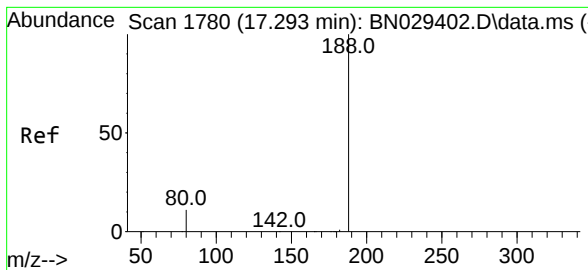
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#18
Fluorene
Concen: 0.093 ng
RT: 15.580 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

Tgt Ion:166 Resp: 2083
Ion Ratio Lower Upper
166 100
165 100.0 79.9 119.9
167 15.0 11.3 16.9





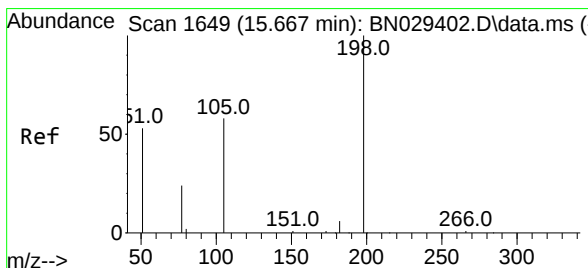
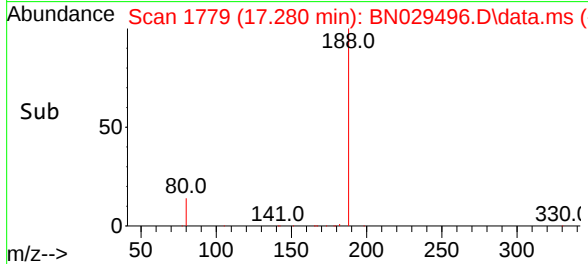
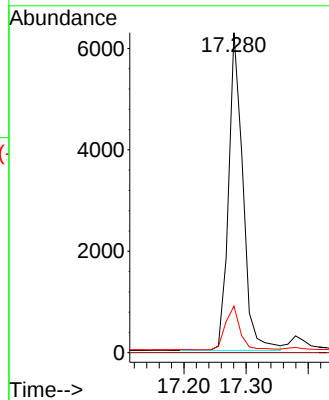
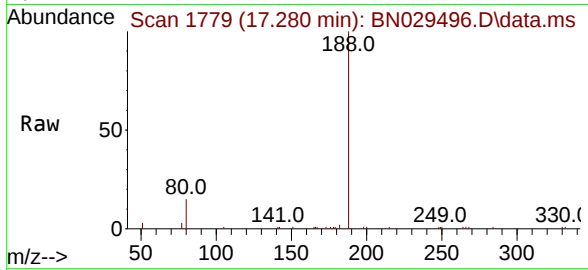
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

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

Tgt Ion:188 Resp: 1000
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 10.0 15.0

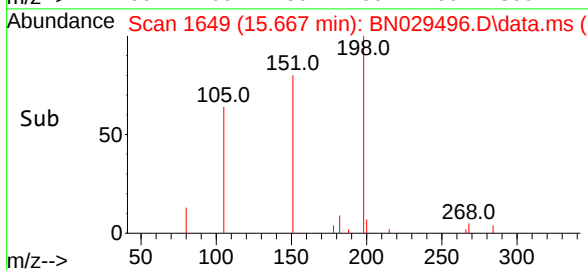
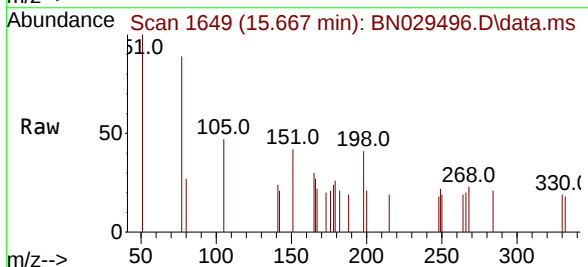
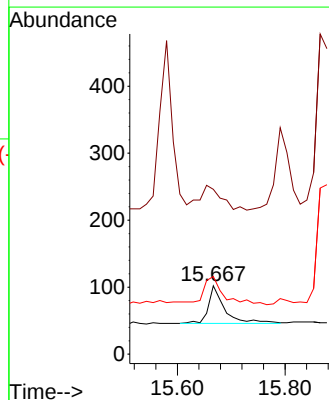
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#20
4,6-Dinitro-2-methylphenol
Concen: 0.080 ng
RT: 15.667 min Scan# 1649
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

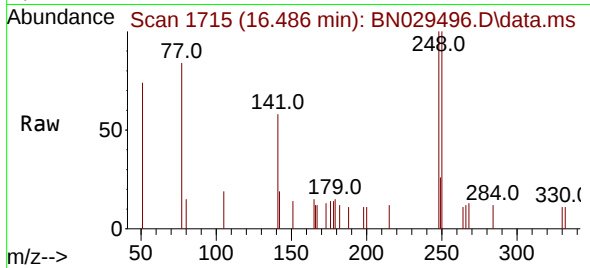
Tgt Ion:198 Resp: 117
Ion Ratio Lower Upper
198 100
51 241.2 111.0 166.6#
105 113.7 67.0 100.6#





#21
4-Bromophenyl-phenylether
Concen: 0.104 ng
RT: 16.486 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

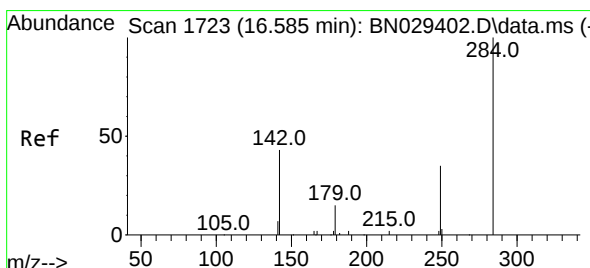
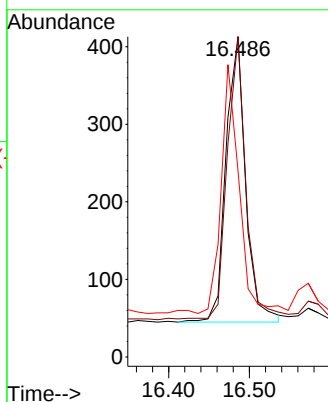
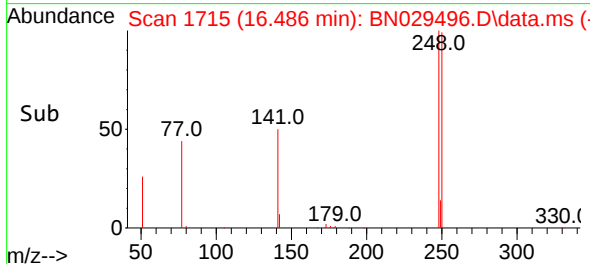
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:248 Resp: 62.0
Ion Ratio Lower Upper
248 100
250 100.0 75.0 112.4
141 58.1 77.0 115.6

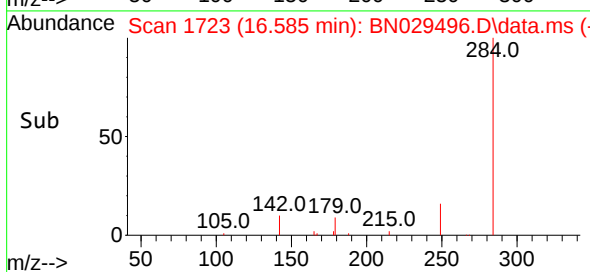
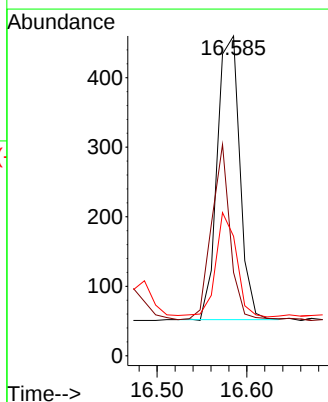
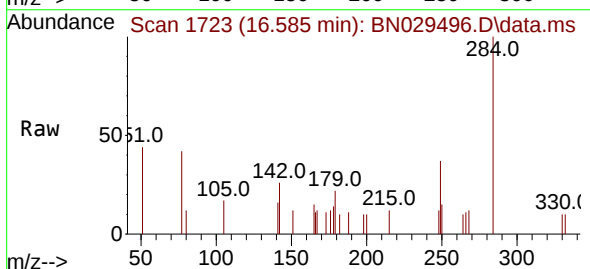
Manual Integrations
APPROVED

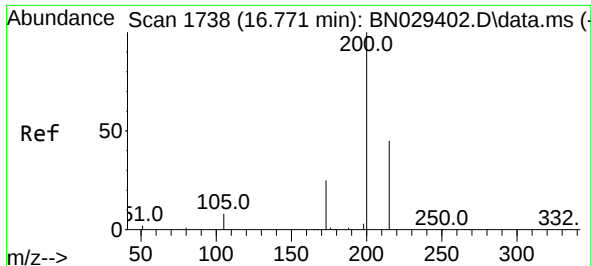
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#22
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.585 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

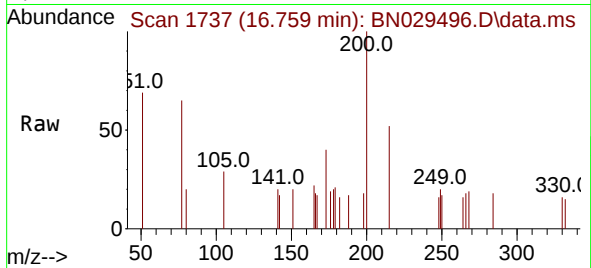
Tgt Ion:284 Resp: 713
Ion Ratio Lower Upper
284 100
142 50.8 39.4 59.2
249 33.8 26.9 40.3





#23
Atrazine
Concen: 0.097 ng
RT: 16.759 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

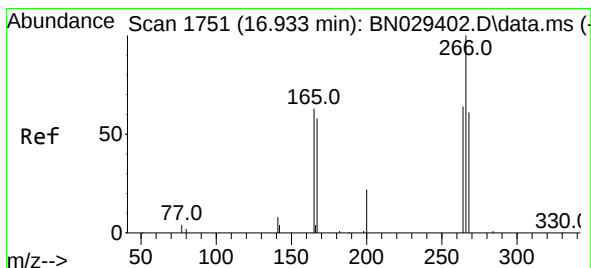
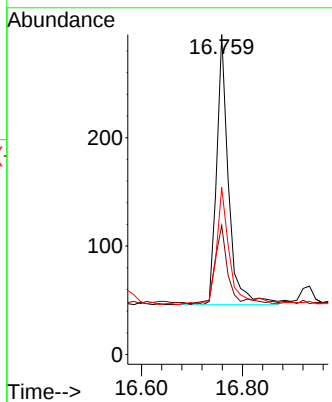
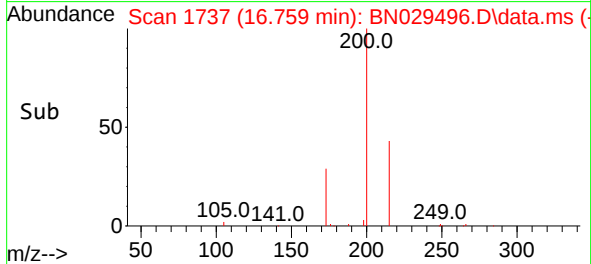
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:200 Resp: 409
Ion Ratio Lower Upper
200 100
173 40.3 23.4 35.0
215 52.2 38.4 57.6

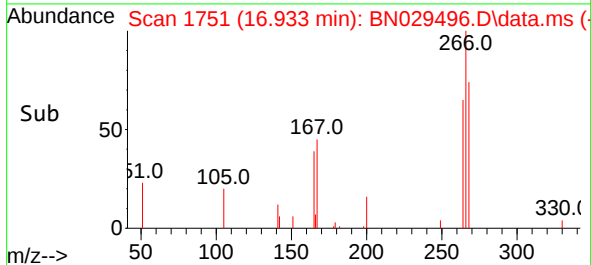
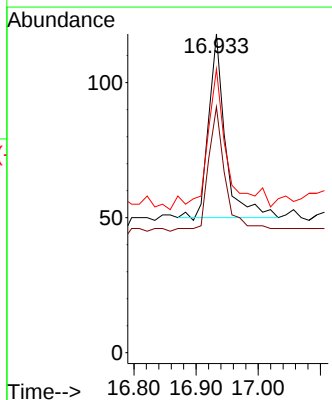
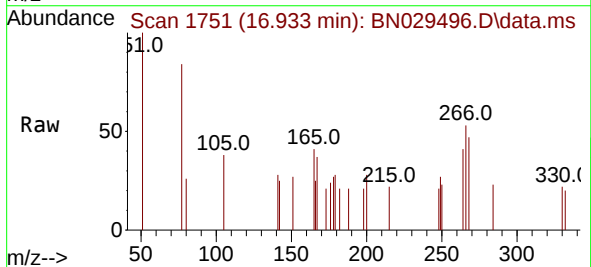
Manual Integrations
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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#24
Pentachlorophenol
Concen: 0.055 ng
RT: 16.933 min Scan# 1751
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

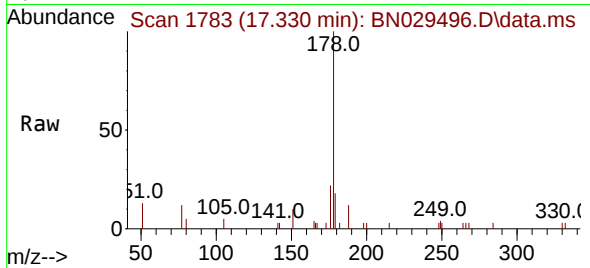
Tgt Ion:266 Resp: 127
Ion Ratio Lower Upper
266 100
264 71.7 50.8 76.2
268 92.9 51.5 77.3





#25
Phenanthrene
Concen: 0.102 ng
RT: 17.330 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

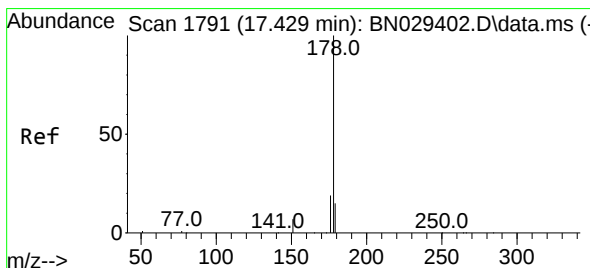
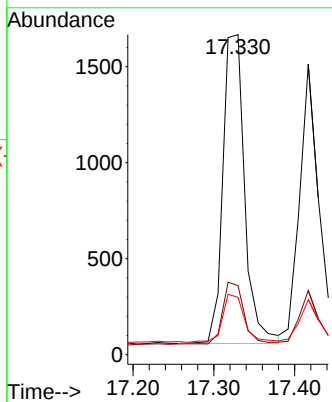
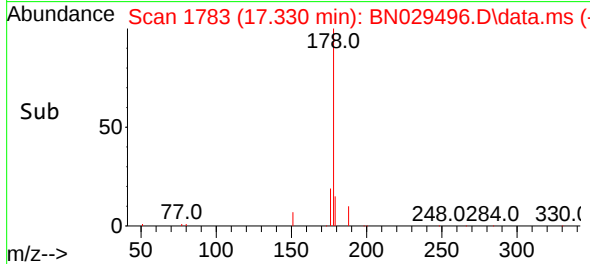
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



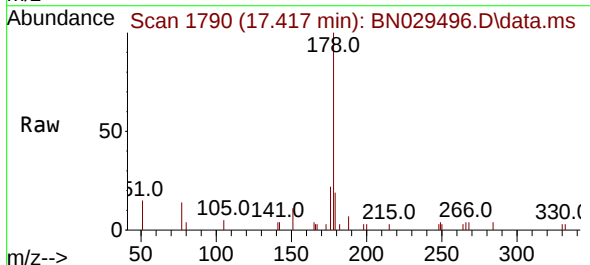
Tgt Ion:178 Resp: 302
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.6 12.6 19.0

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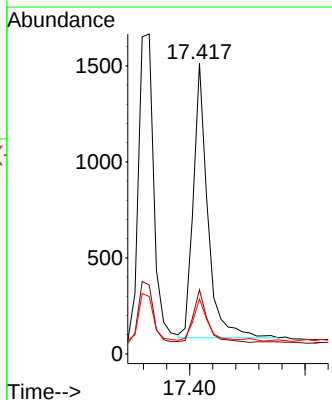
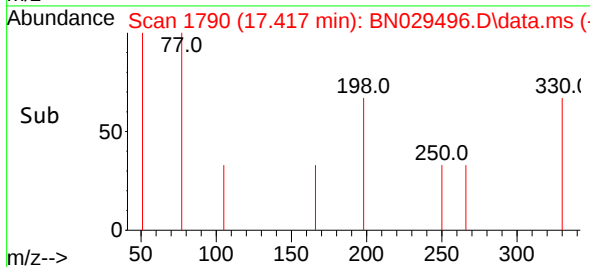
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

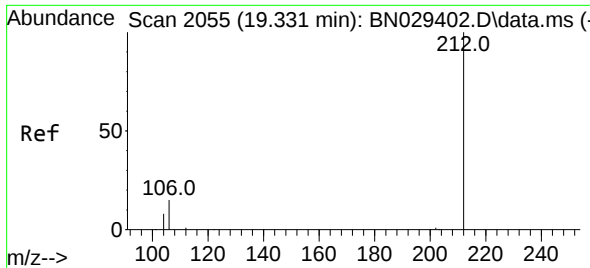


#26
Anthracene
Concen: 0.099 ng
RT: 17.417 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43



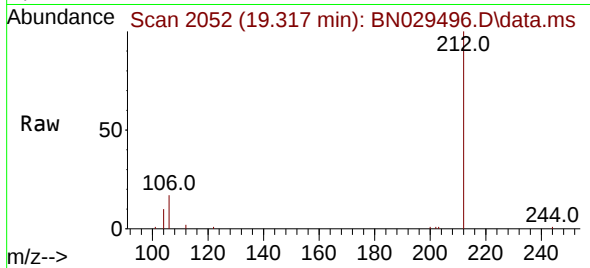
Tgt Ion:178 Resp: 2485
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 14.5 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.554 ng
RT: 19.317 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

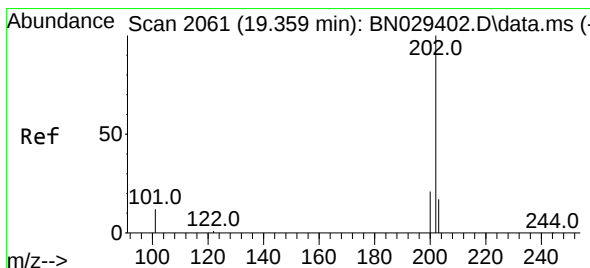
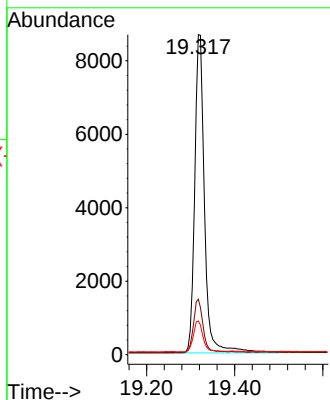
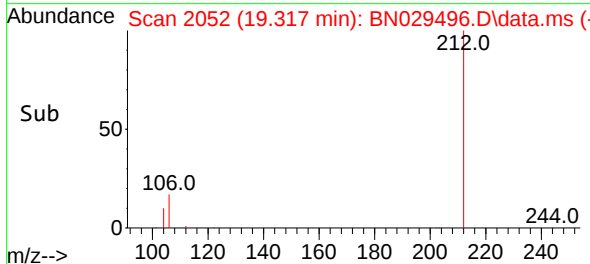
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



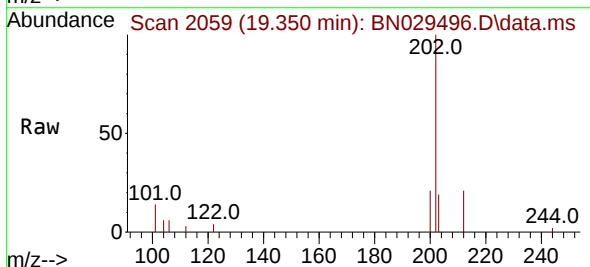
Tgt Ion:212 Resp: 1342
Ion Ratio Lower Upper
212 100
106 16.2 13.2 19.8
104 9.6 7.7 11.5

Manual Integrations
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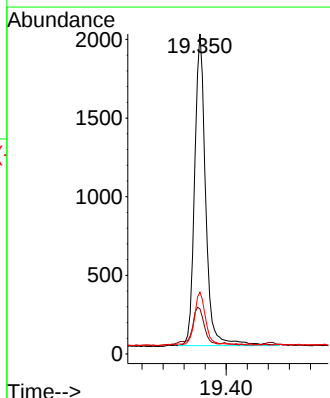
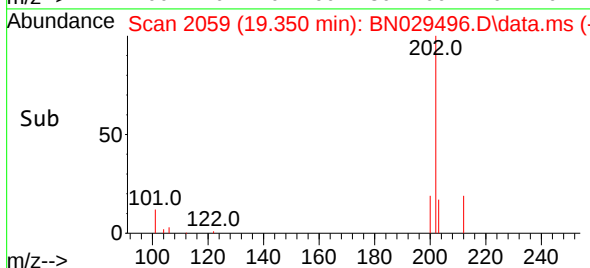
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

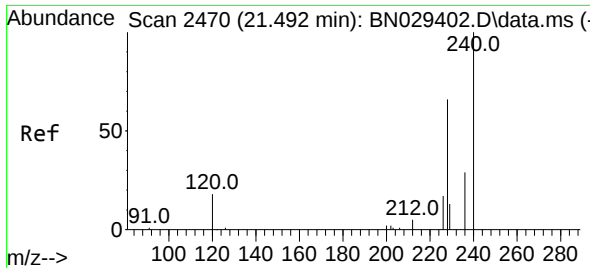


#28
Fluoranthene
Concen: 0.087 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43



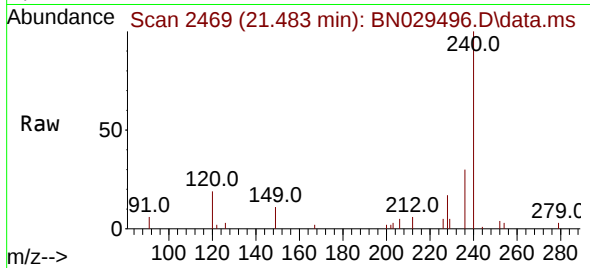
Tgt Ion:202 Resp: 2884
Ion Ratio Lower Upper
202 100
101 14.4 10.5 15.7
203 16.6 13.5 20.3





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.009 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

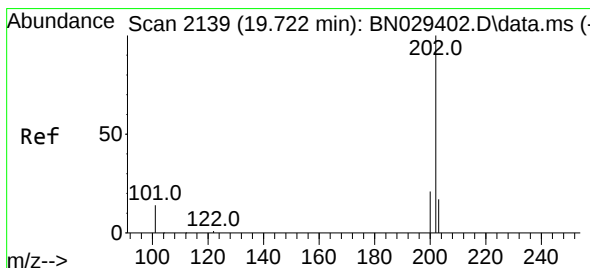
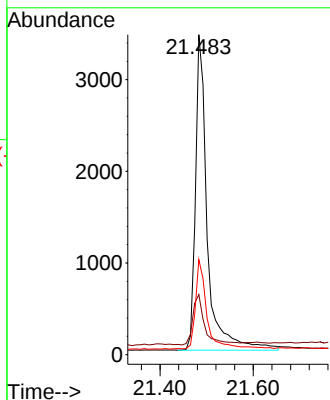
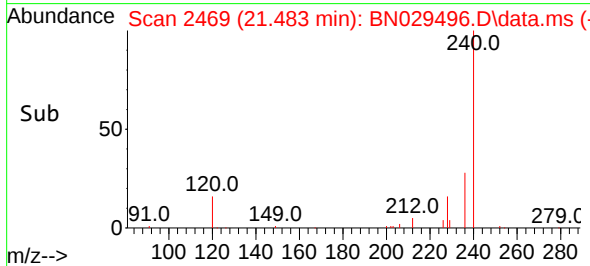
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:240 Resp: 6070
Ion Ratio Lower Upper
240 100
120 18.8 16.7 25.1
236 29.7 23.9 35.9

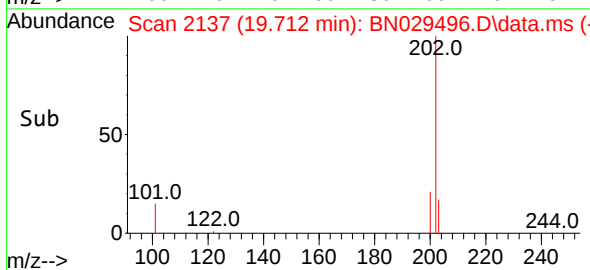
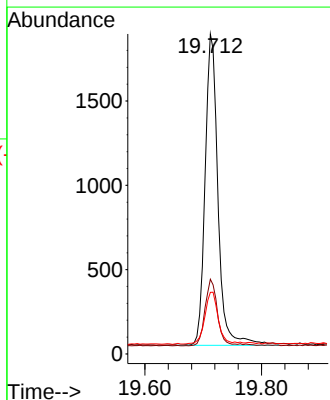
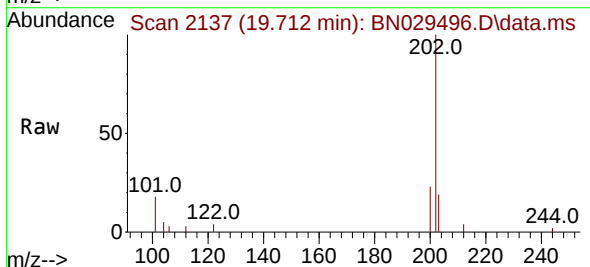
Manual Integrations
APPROVED

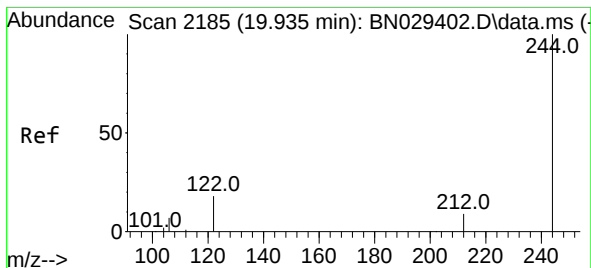
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#30
Pyrene
Concen: 0.102 ng
RT: 19.712 min Scan# 2137
Delta R.T. -0.005 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

Tgt Ion:202 Resp: 2855
Ion Ratio Lower Upper
202 100
200 20.4 16.6 25.0
203 17.4 14.2 21.4





#31

Terphenyl-d14

Concen: 0.354 ng

RT: 19.926 min Scan# 2185

Delta R.T. -0.005 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

Instrument :

BNA_N

ClientSampleId :

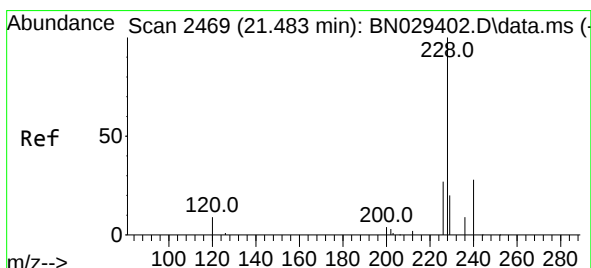
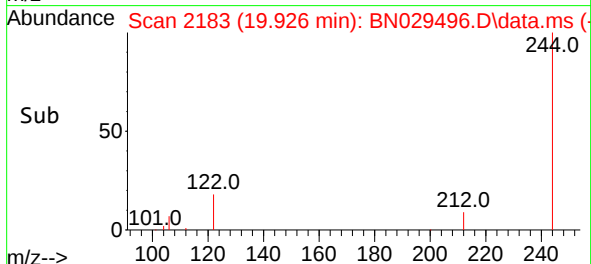
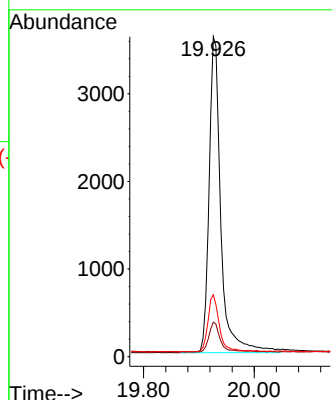
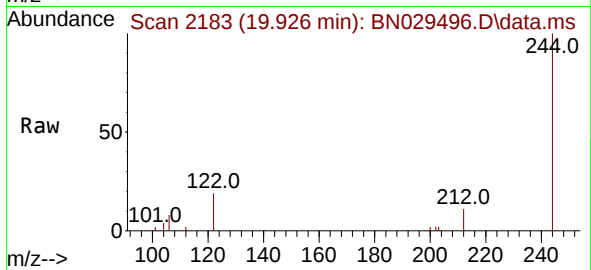
MDL-SOIL-03-QT2-2023

Tgt Ion:244	Resp:	5334
Ion Ratio	Lower	Upper
244	100	
212	10.8	8.2 12.4
122	19.3	15.6 23.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#32

Benzo(a)anthracene

Concen: 0.090 ng

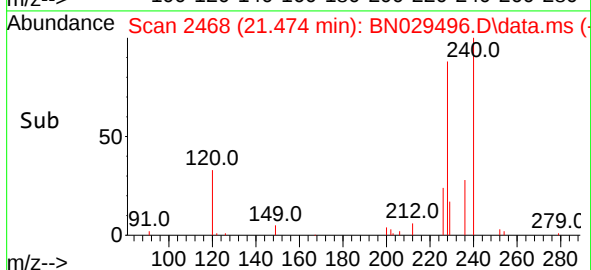
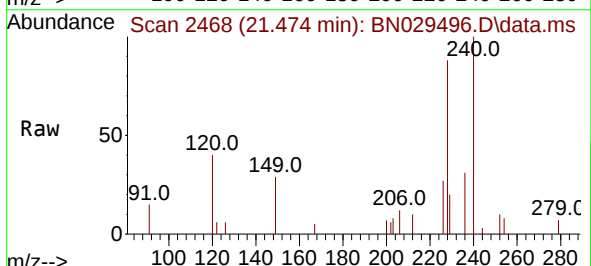
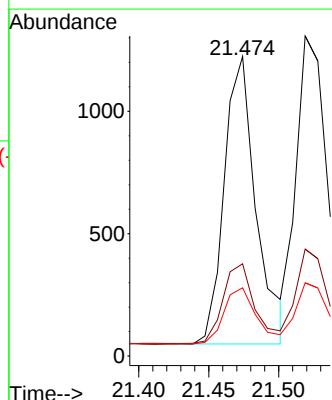
RT: 21.474 min Scan# 2468

Delta R.T. 0.000 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

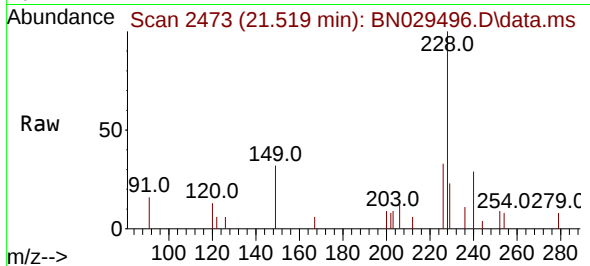
Tgt Ion:228	Resp:	1860
Ion Ratio	Lower	Upper
228	100	
226	30.8	22.2 33.4
229	22.8	16.5 24.7





#33
Chrysene
Concen: 0.089 ng
RT: 21.519 min Scan# 2473
Delta R.T. -0.009 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

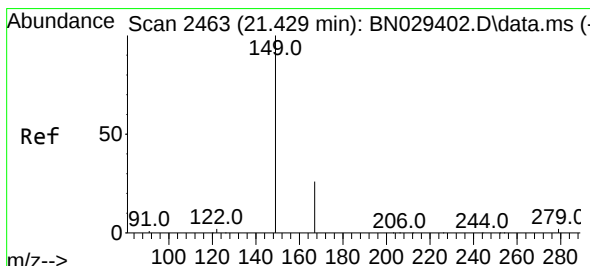
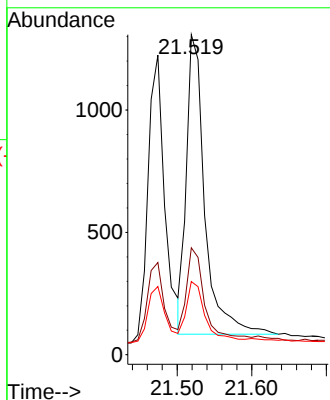
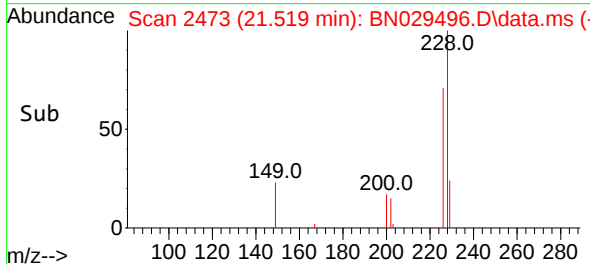
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



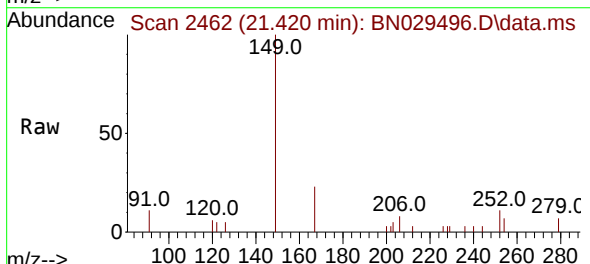
Tgt Ion:228 Resp: 2100
Ion Ratio Lower Upper
228 100
226 33.4 24.9 37.3
229 22.9 15.9 23.9

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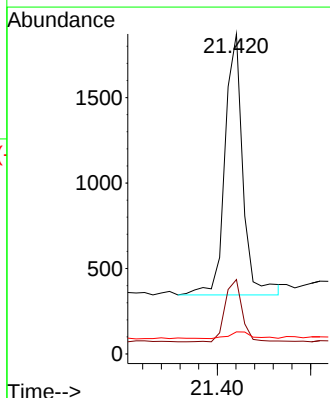
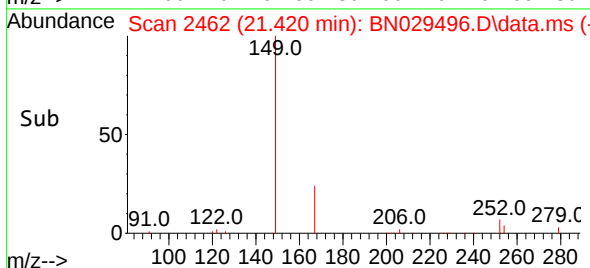
Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

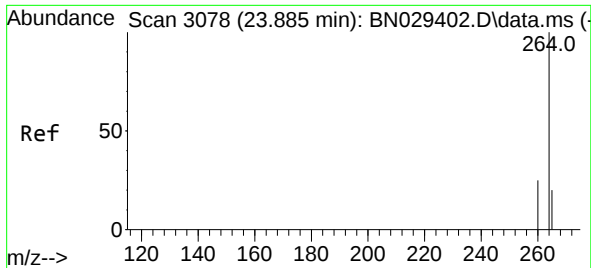


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.420 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43



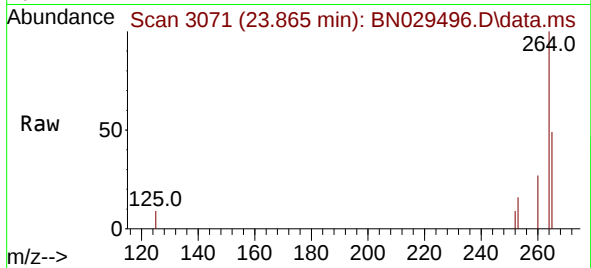
Tgt Ion:149 Resp: 2037
Ion Ratio Lower Upper
149 100
167 22.9 20.1 30.1
279 3.0 2.5 3.7





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.865 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BN029496.D
 Acq: 02 Feb 2024 11:43

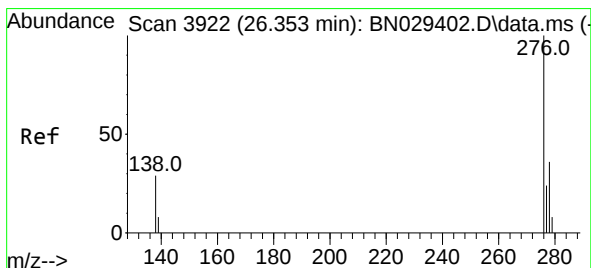
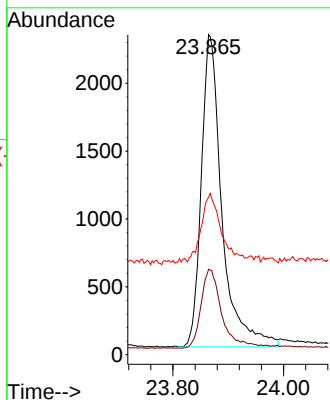
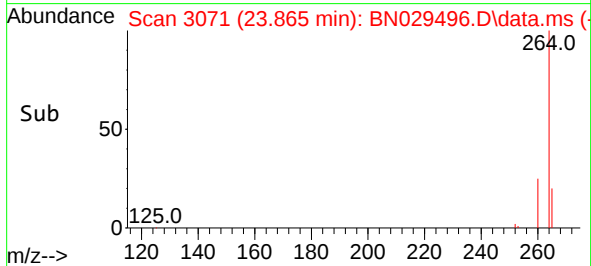
Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-03-QT2-2023



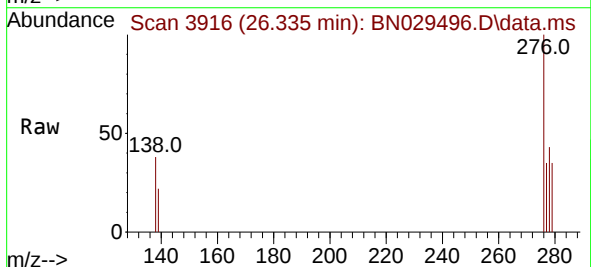
Tgt Ion:264 Resp: 5948
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.2 31.8
 265 49.2 41.5 62.3

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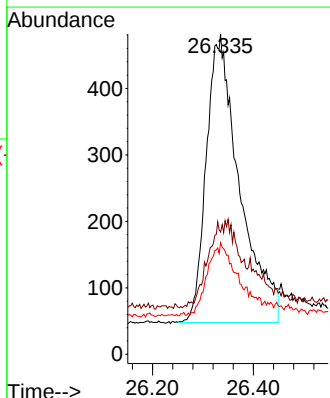
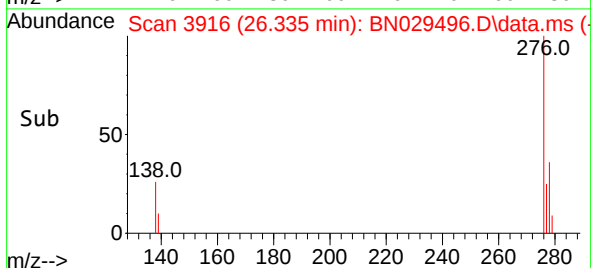
Reviewed By :Jagrut Upadhyay 02/05/2024
 Supervised By :mohammad ahmed 02/06/2024



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.083 ng
 RT: 26.335 min Scan# 3916
 Delta R.T. 0.000 min
 Lab File: BN029496.D
 Acq: 02 Feb 2024 11:43



Tgt Ion:276 Resp: 1989
 Ion Ratio Lower Upper
 276 100
 138 10.5 20.5 30.7#
 277 23.2 17.0 25.4





#37

Benzo(b)fluoranthene

Concen: 0.087 ng

RT: 23.145 min Scan# 2825

Delta R.T. -0.003 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

Instrument :

BN029496.D

ClientSampleId :

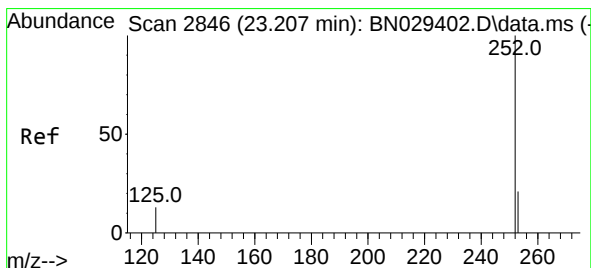
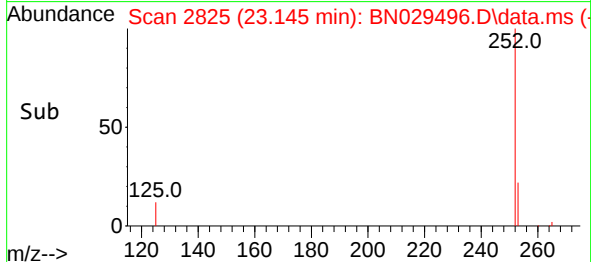
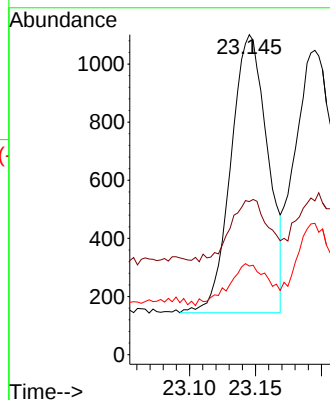
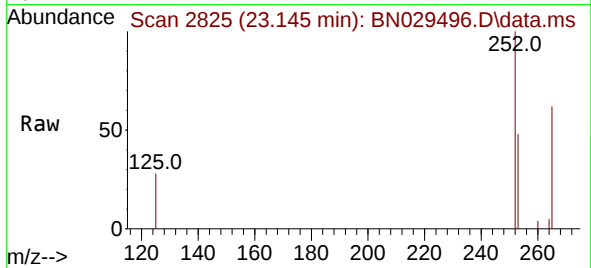
MDL-SOIL-03-QT2-2023

Tgt Ion:252	Resp:	1858
Ion Ratio	Lower	Upper
252	100	
253	47.9	21.7 32.5
125	27.7	13.3 19.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#38

Benzo(k)fluoranthene

Concen: 0.085 ng

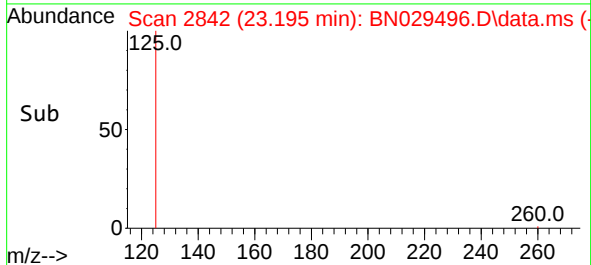
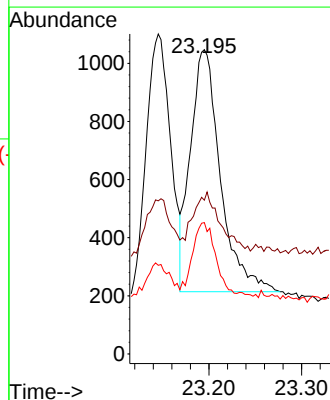
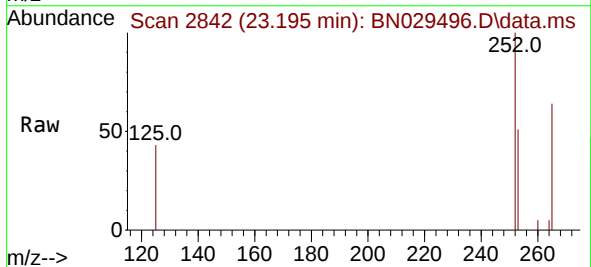
RT: 23.195 min Scan# 2842

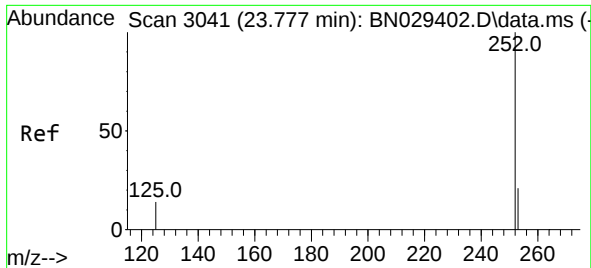
Delta R.T. -0.003 min

Lab File: BN029496.D

Acq: 02 Feb 2024 11:43

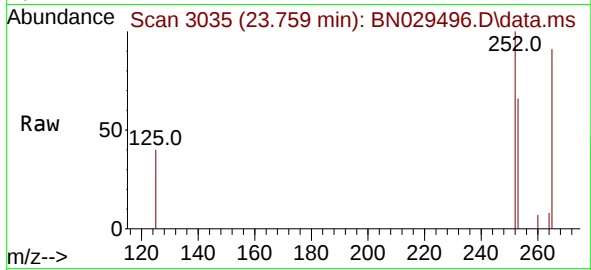
Tgt Ion:252	Resp:	1883
Ion Ratio	Lower	Upper
252	100	
253	50.5	21.8 32.8
125	43.2	13.9 20.9





#39
Benzo(a)pyrene
Concen: 0.087 ng m
RT: 23.759 min Scan# 3041
Delta R.T. -0.006 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

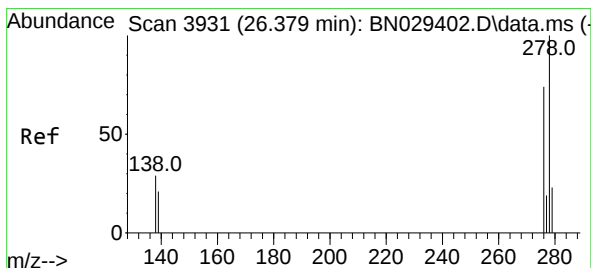
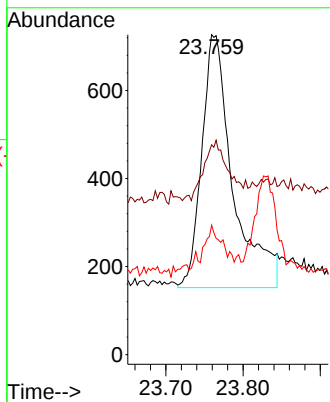
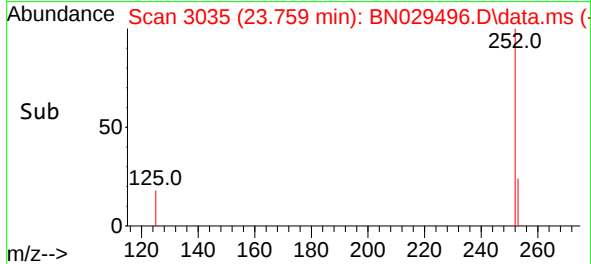
Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-03-QT2-2023



Tgt Ion:252 Resp: 1612
Ion Ratio Lower Upper
252 100
253 65.6 24.9 37.3#
125 40.4 16.6 25.0#

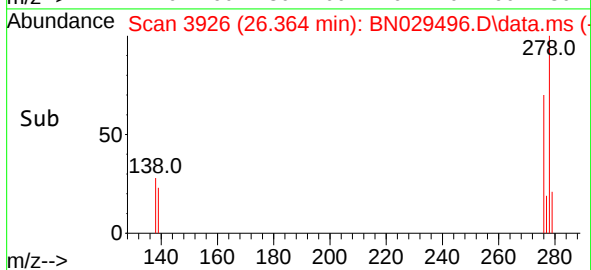
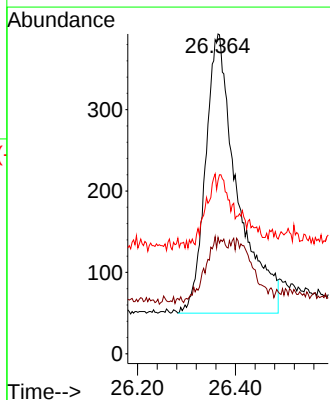
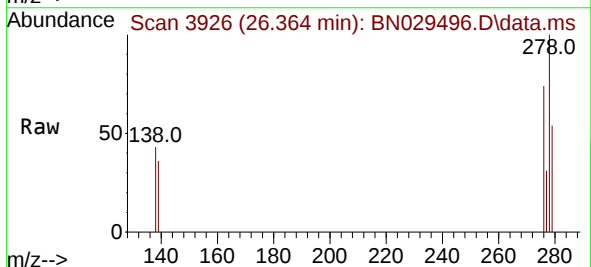
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024



#40
Dibenzo(a,h)anthracene
Concen: 0.081 ng
RT: 26.364 min Scan# 3926
Delta R.T. 0.000 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

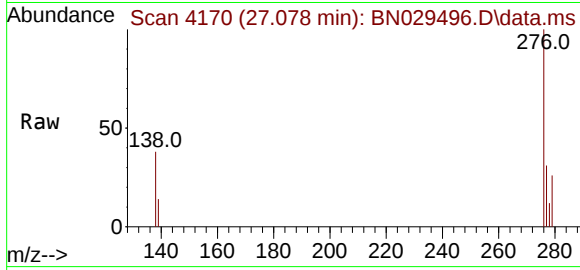
Tgt Ion:278 Resp: 1545
Ion Ratio Lower Upper
278 100
139 36.4 20.4 30.6#
279 54.2 25.0 37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.084 ng
RT: 27.078 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN029496.D
Acq: 02 Feb 2024 11:43

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



Tgt Ion:	276	Resp:	193
Ion Ratio	Lower	Upper	
276	100		
277	31.2	19.4	29.2
138	37.6	23.5	35.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/05/2024
Supervised By :mohammad ahmed 02/06/2024

