

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018186.D
 Acq On : 23 Dec 2021 17:49
 Operator : CG/JU
 Sample : M5179-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMSD

Quant Time: Dec 24 23:32:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 23 14:22:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	23909	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	106436	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	66405	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	137856	0.400	ng	0.00
29) Chrysene-d12	21.185	240	133067	0.400	ng	#-0.01
35) Perylene-d12	23.419	264	124006	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	14476	0.277	ng	0.04
5) Phenol-d6	6.822	99	16487	0.295	ng	0.00
8) Nitrobenzene-d5	8.772	82	21045	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	52317m	0.286	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8699	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	69405	0.280	ng	-0.01
27) Fluoranthene-d10	19.033	212	108212	0.248	ng	0.00
31) Terphenyl-d14	19.639	244	87349	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	6266m	0.437	ng	
3) n-Nitrosodimethylamine	3.512	42	8414	0.403	ng	99
6) bis(2-Chloroethyl)ether	7.062	93	21037	0.349	ng	98
9) Naphthalene	10.445	128	92447	0.352	ng	99
10) Hexachlorobutadiene	10.749	225	22831	0.327	ng	# 100
12) 2-Methylnaphthalene	12.070	142	65584	0.378	ng	99
16) Acenaphthylene	13.964	152	97391	0.395	ng	100
17) Acenaphthene	14.320	154	61520	0.358	ng	98
18) Fluorene	15.296	166	79356m	0.375	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	1822	0.346	ng	95
21) 4-Bromophenyl-phenylether	16.190	248	29375	0.348	ng	92
22) Hexachlorobenzene	16.312	284	31586	0.316	ng	99
23) Atrazine	16.470	200	21872	0.418	ng	99
24) Pentachlorophenol	16.665	266	11982	0.559	ng	99
25) Phenanthrene	17.030	178	142073	0.388	ng	99
26) Anthracene	17.127	178	124066	0.412	ng	99
28) Fluoranthene	19.063	202	165210	0.387	ng	100
30) Pyrene	19.420	202	165861	0.388	ng	100
32) Benzo(a)anthracene	21.174	228	149474	0.387	ng	100
33) Chrysene	21.227	228	152095	0.361	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	92337	0.692	ng	99
36) Indeno(1,2,3-cd)pyrene	25.682	276	134341	0.374	ng	99
37) Benzo(b)fluoranthene	22.749	252	143808	0.375	ng	100
38) Benzo(k)fluoranthene	22.793	252	141462	0.366	ng	100
39) Benzo(a)pyrene	23.320	252	134414	0.390	ng	100
40) Dibenzo(a,h)anthracene	25.696	278	103407	0.367	ng	99
41) Benzo(g,h,i)perylene	26.367	276	124354	0.376	ng	100

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

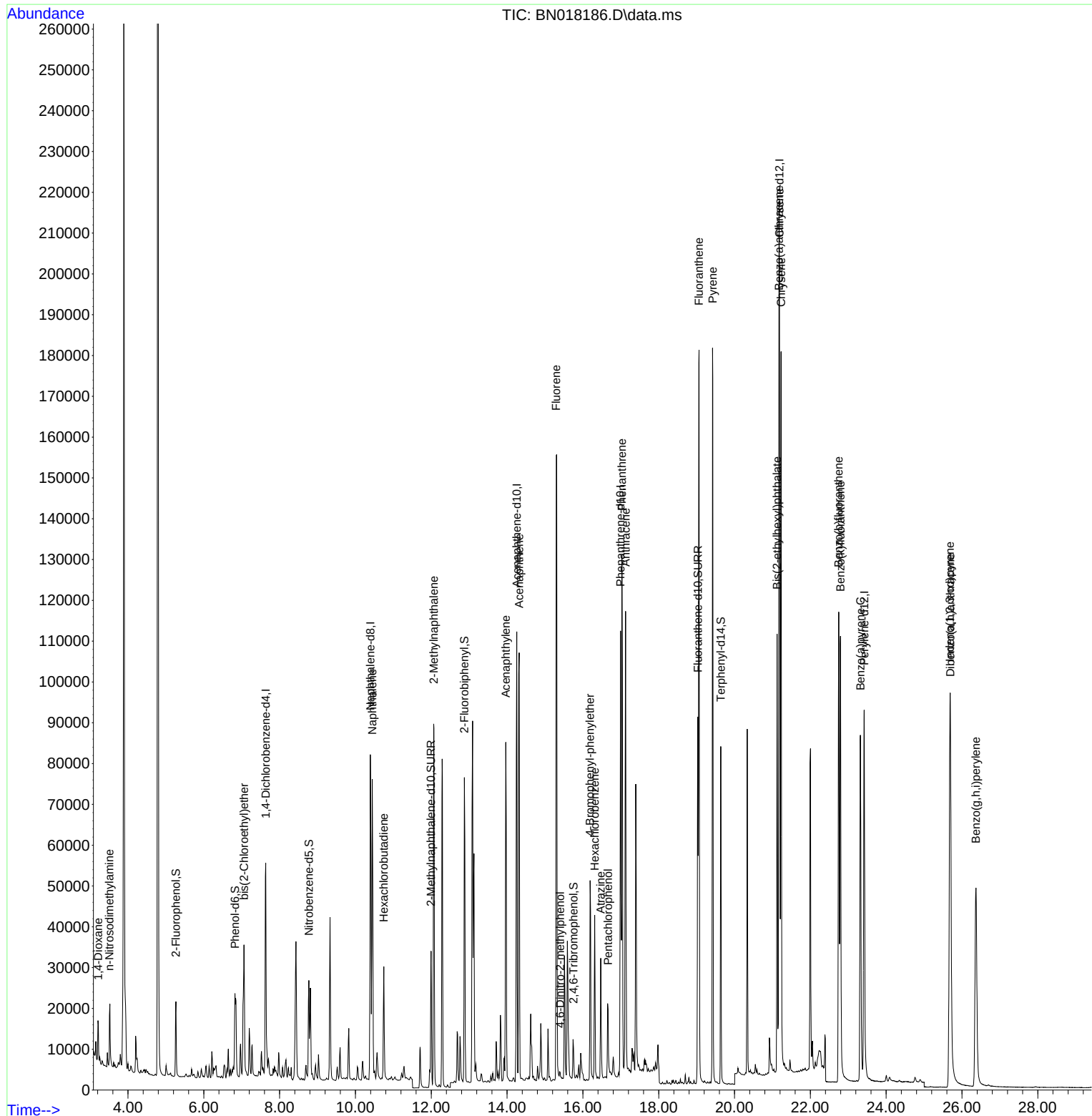
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018186.D
 Acq On : 23 Dec 2021 17:49
 Operator : CG/JU
 Sample : M5179-04MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

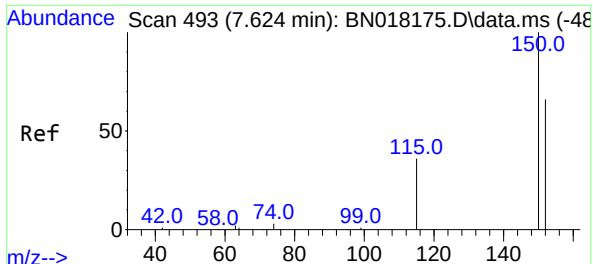
Instrument :
 BNA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMSD

Quant Time: Dec 24 23:32:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 23 14:22:48 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

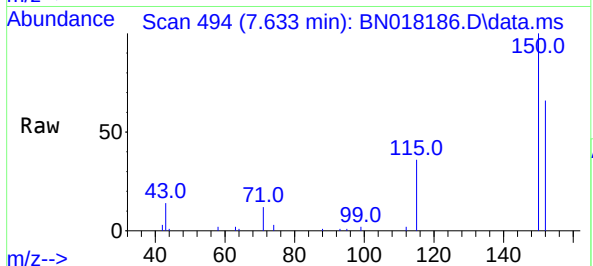
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 49
Delta R.T. 0.009 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

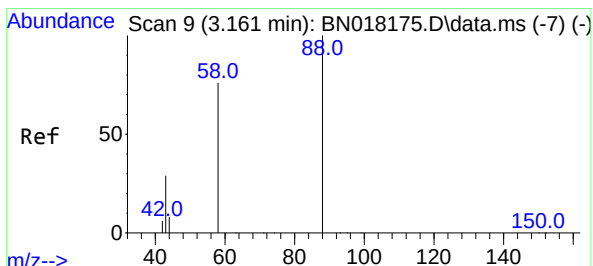
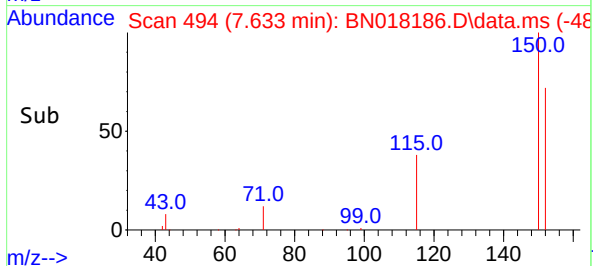
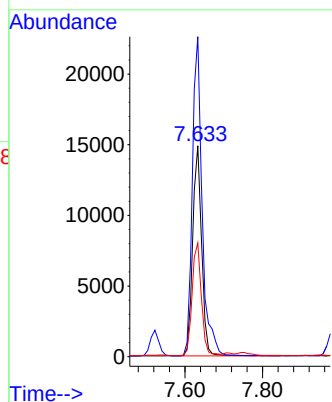
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:152 Resp: 2390
Ion Ratio Lower Upper
152 100
150 151.8 121.7 182.5
115 54.0 43.8 65.8

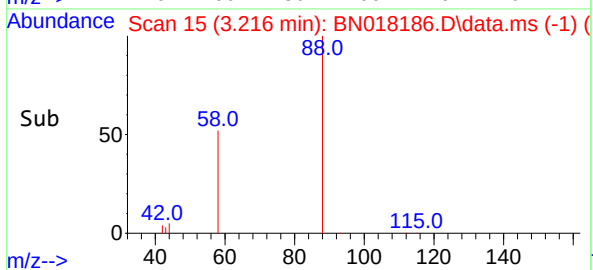
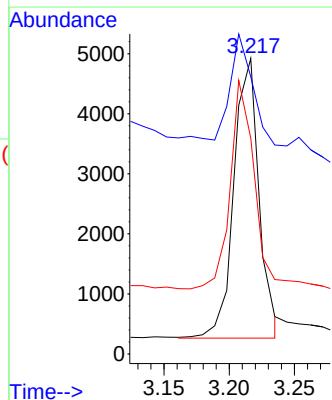
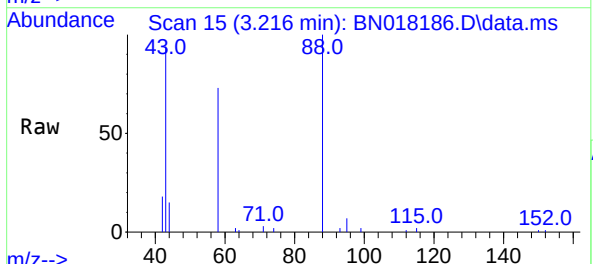
Manual Integrations
APPROVED

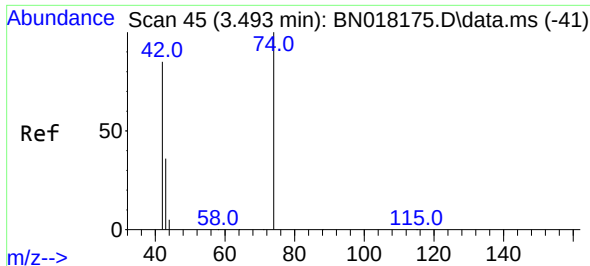
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#2
1,4-Dioxane
Concen: 0.437 ng m
RT: 3.216 min Scan# 15
Delta R.T. 0.055 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

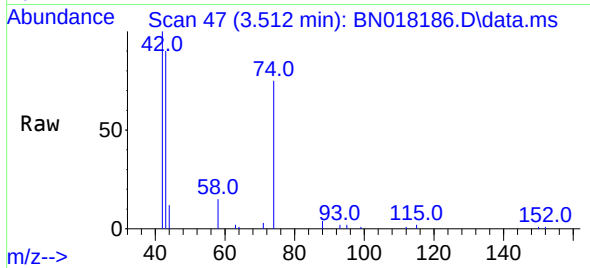
Tgt Ion: 88 Resp: 6266
Ion Ratio Lower Upper
88 100
43 0.0 69.7 104.5#
58 0.0 83.8 125.8#





#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.512 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

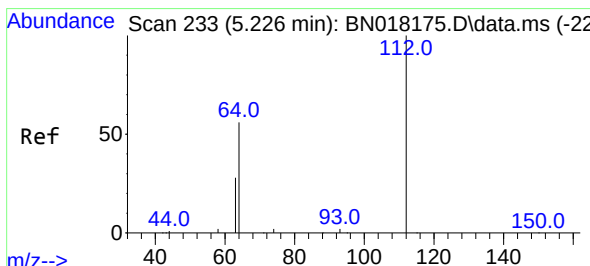
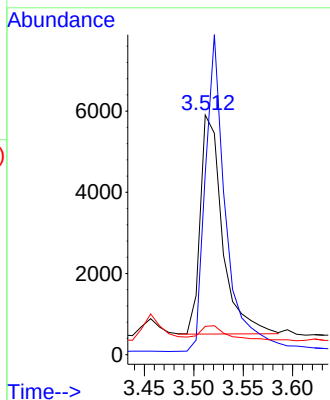
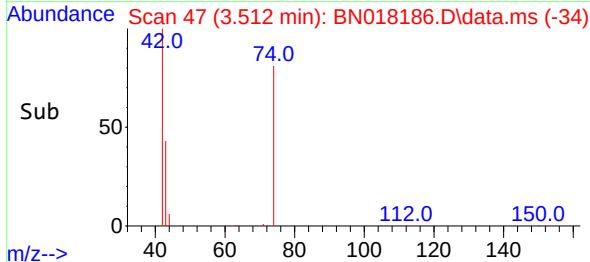
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



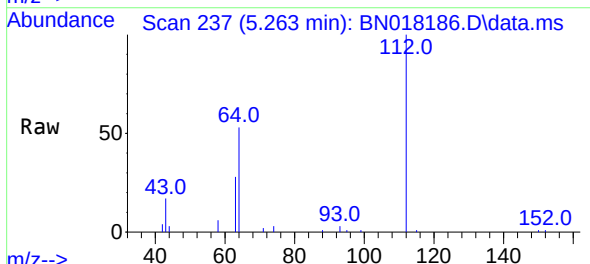
Tgt Ion: 42 Resp: 8414
Ion Ratio Lower Upper
42 100
74 134.2 108.6 163.0
44 7.4 5.8 8.8

Manual Integrations
APPROVED

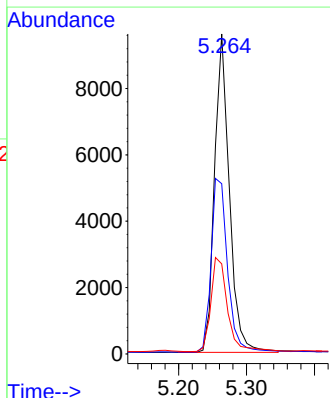
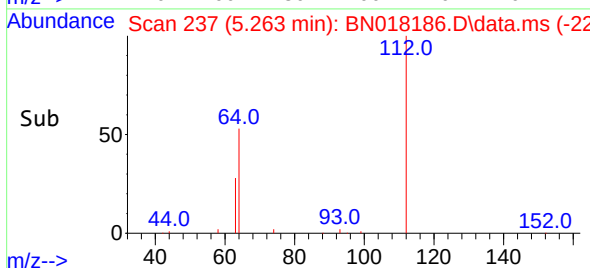
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

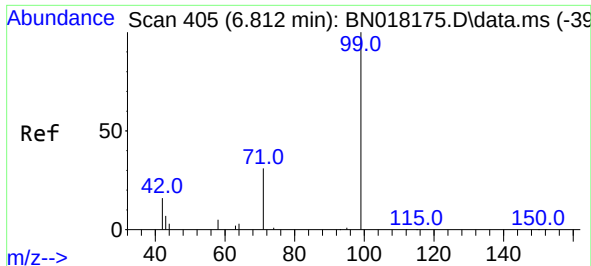


#4
2-Fluorophenol
Concen: 0.277 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.037 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



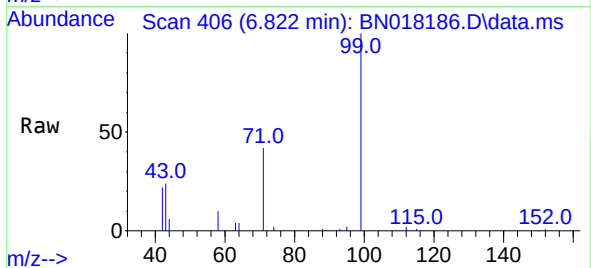
Tgt Ion:112 Resp: 14476
Ion Ratio Lower Upper
112 100
64 60.7 48.0 72.0
63 33.2 25.3 37.9





#5
Phenol-d6
Concen: 0.295 ng
RT: 6.822 min Scan# 405
Delta R.T. 0.010 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

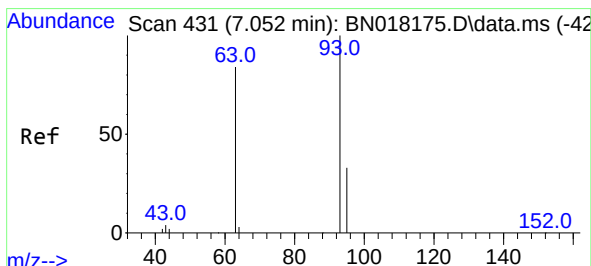
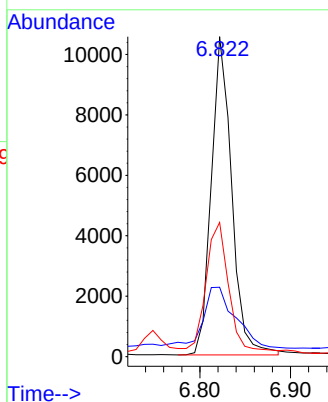
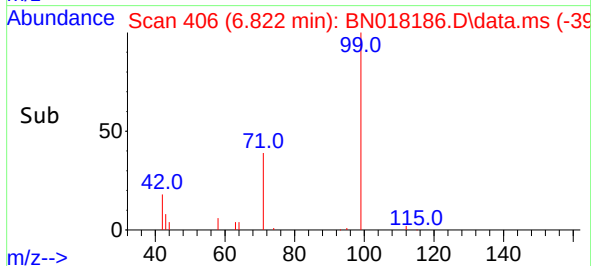
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion: 99 Resp: 1648
Ion Ratio Lower Upper
99 100
42 29.4 16.3 24.5
71 43.3 26.8 40.2

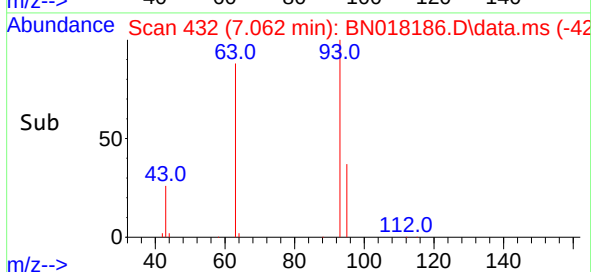
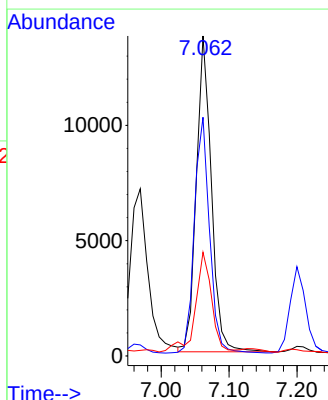
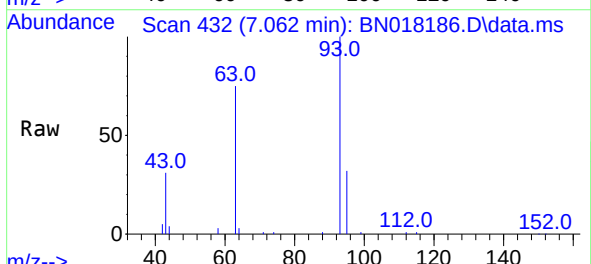
Manual Integrations
APPROVED

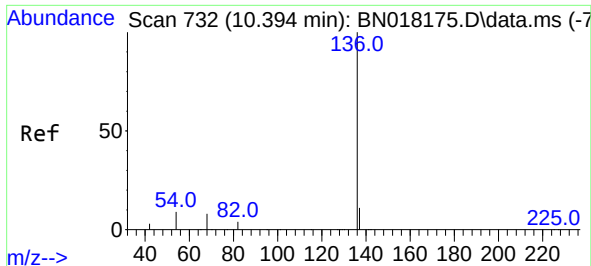
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#6
bis(2-Chloroethyl)ether
Concen: 0.349 ng
RT: 7.062 min Scan# 432
Delta R.T. 0.010 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

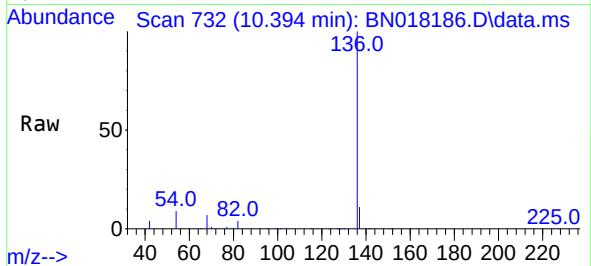
Tgt Ion: 93 Resp: 21037
Ion Ratio Lower Upper
93 100
63 75.7 61.7 92.5
95 33.8 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

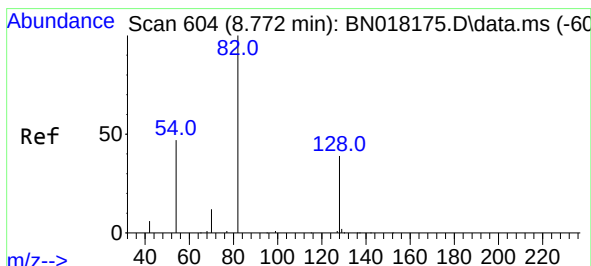
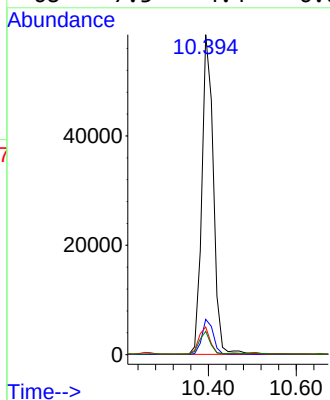
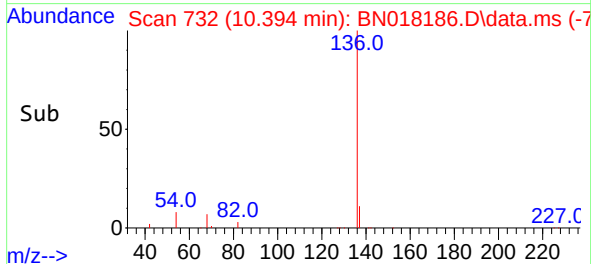
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:136 Resp: 106430
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 5.0 7.6
68 7.3 4.4 6.6#

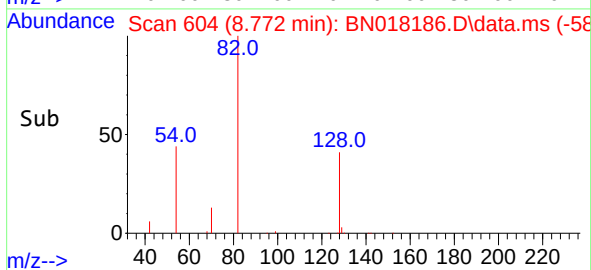
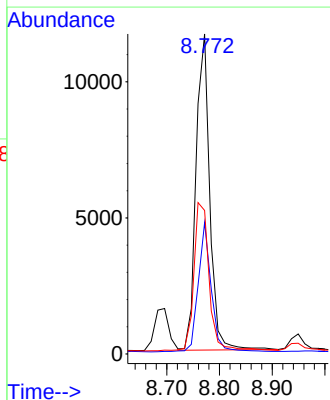
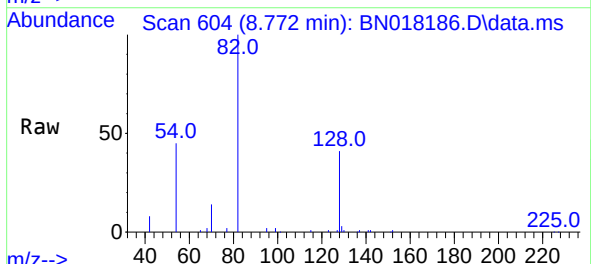
Manual Integrations
APPROVED

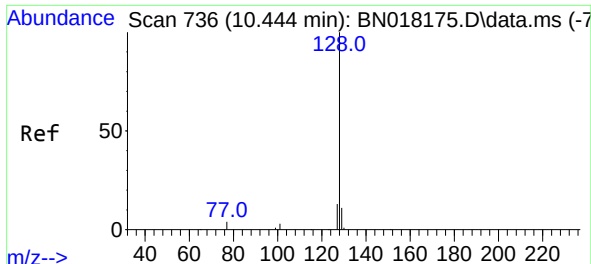
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

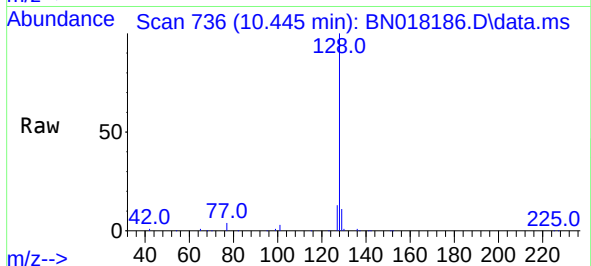
Tgt Ion: 82 Resp: 21045
Ion Ratio Lower Upper
82 100
128 41.1 33.7 50.5
54 44.8 36.6 55.0





#9
Naphthalene
Concen: 0.352 ng
RT: 10.445 min Scan# 71
Delta R.T. 0.001 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

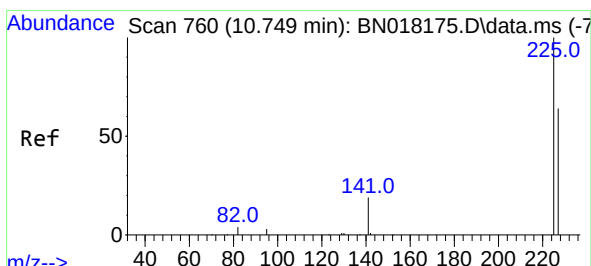
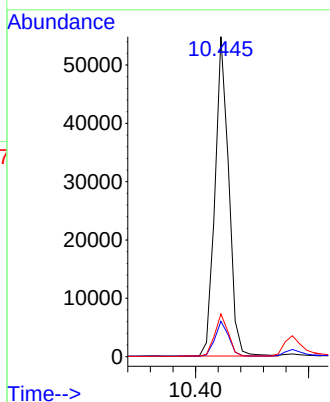
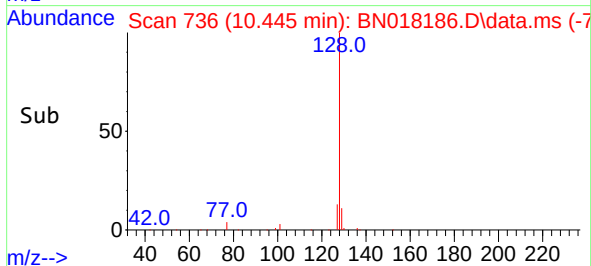
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:128 Resp: 9244
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.4 10.4 15.6

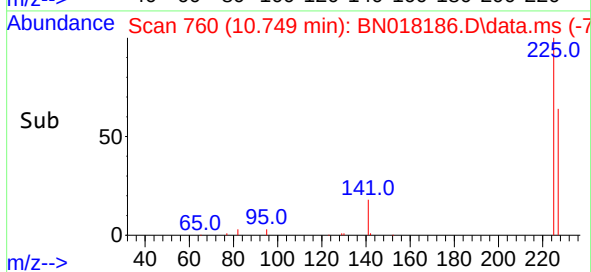
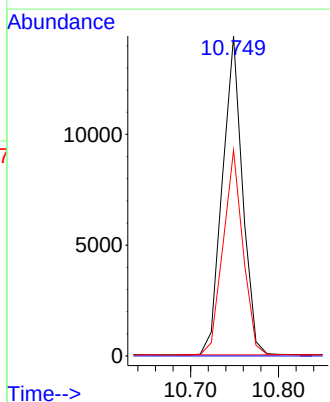
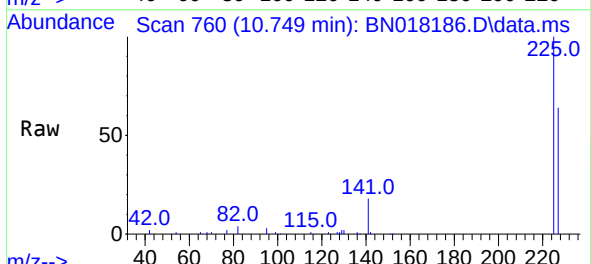
Manual Integrations
APPROVED

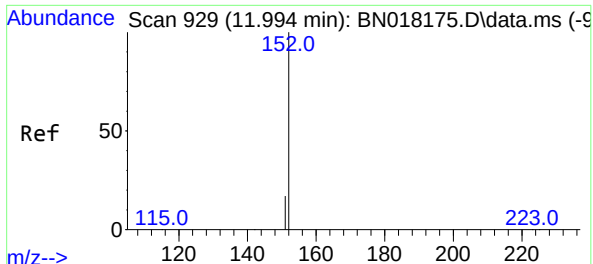
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#10
Hexachlorobutadiene
Concen: 0.327 ng
RT: 10.749 min Scan# 760
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

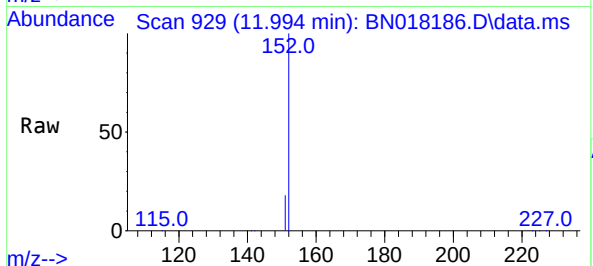
Tgt Ion:225 Resp: 22831
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.286 ng m
RT: 11.994 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

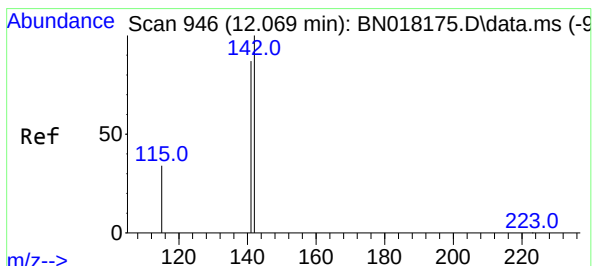
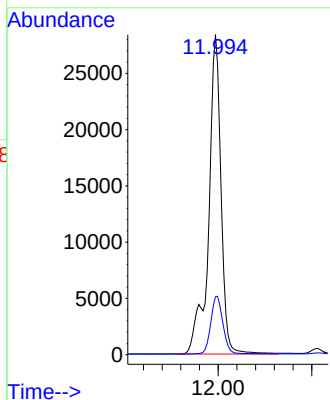
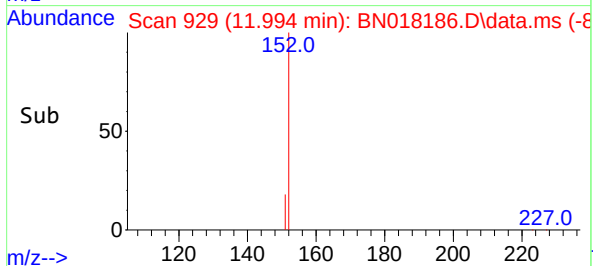
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:152 Resp: 5231
Ion Ratio Lower Upper
152 100
151 17.6 16.2 24.2

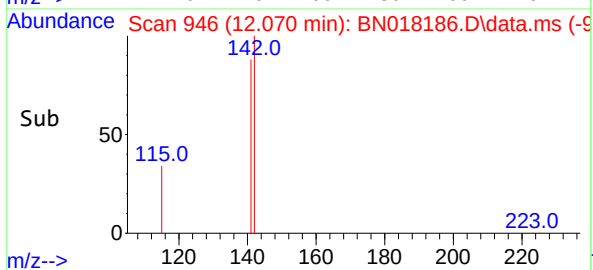
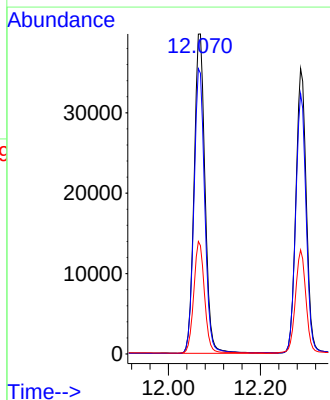
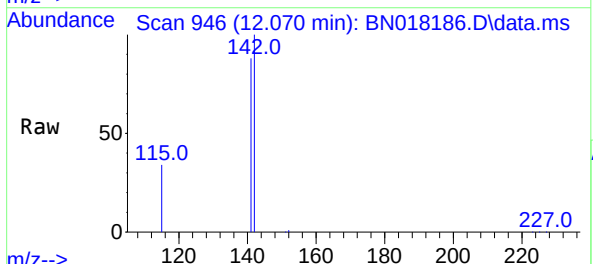
Manual Integrations
APPROVED

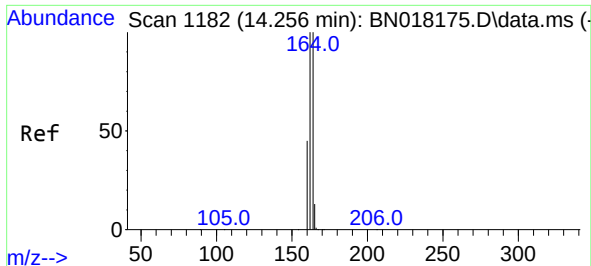
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#12
2-Methylnaphthalene
Concen: 0.378 ng
RT: 12.070 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

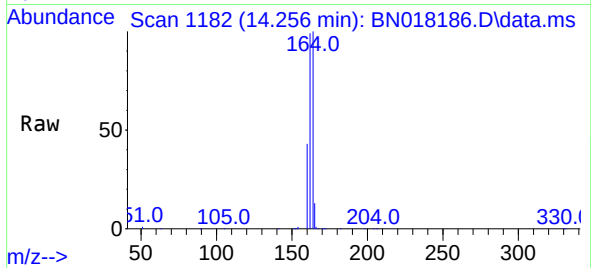
Tgt Ion:142 Resp: 65584
Ion Ratio Lower Upper
142 100
141 87.7 70.0 105.0
115 33.9 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

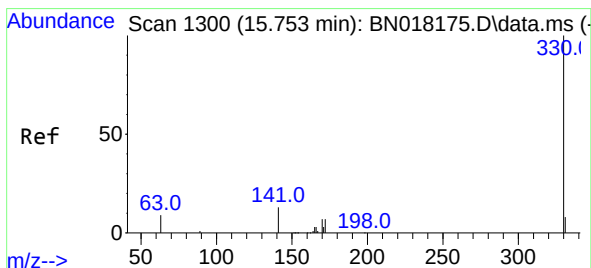
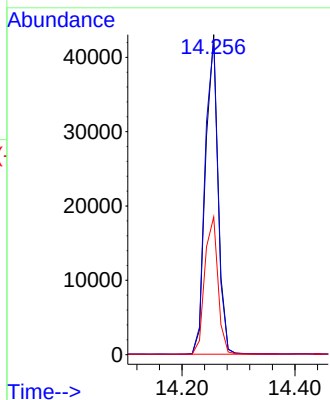
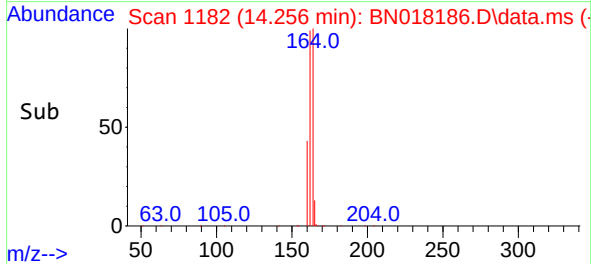
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:164 Resp: 6640
Ion Ratio Lower Upper
164 100
162 98.5 80.2 120.2
160 43.0 36.9 55.3

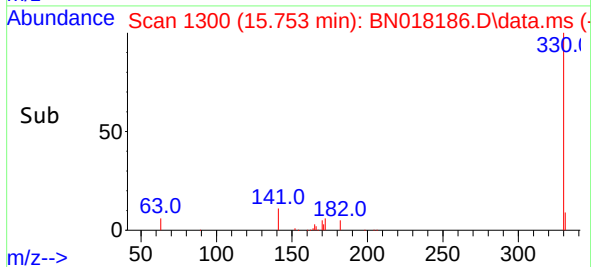
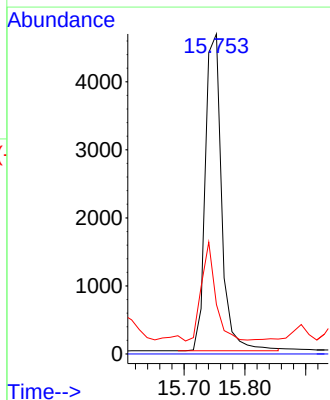
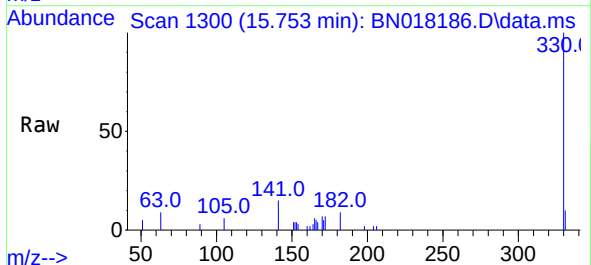
Manual Integrations
APPROVED

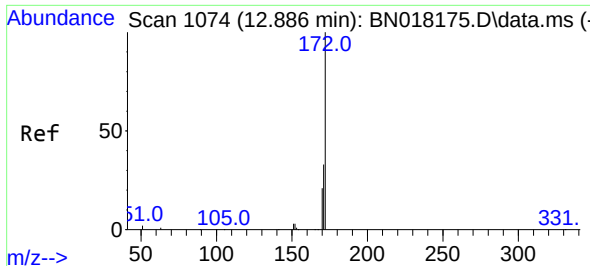
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#14
2,4,6-Tribromophenol
Concen: 0.381 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Tgt Ion:330 Resp: 8699
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.3 21.3 31.9





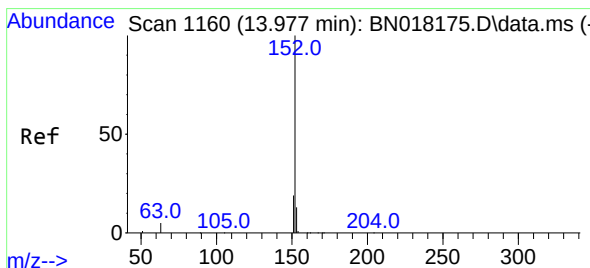
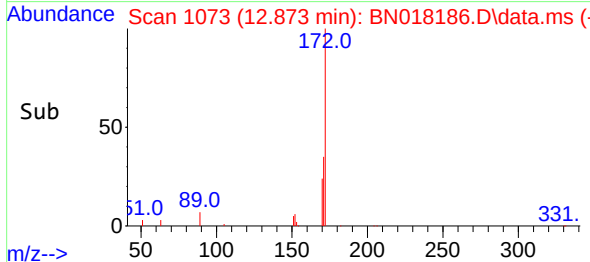
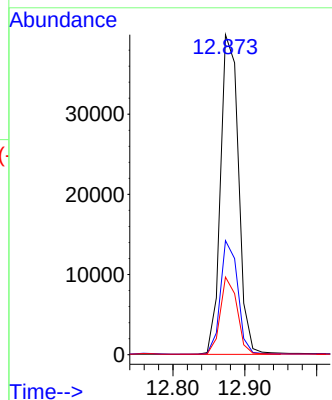
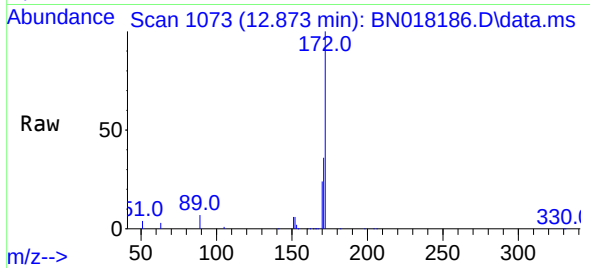
#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.873 min Scan# 1109
Delta R.T. -0.013 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion:172 Resp: 6940
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 24.3 18.4 27.6

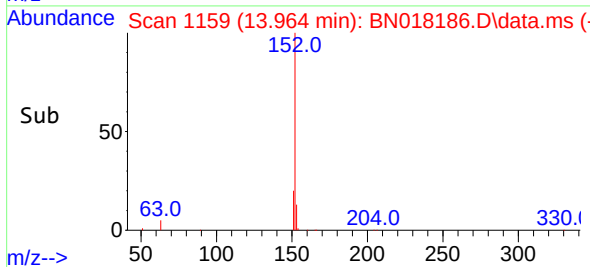
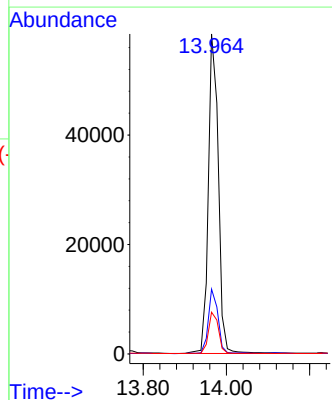
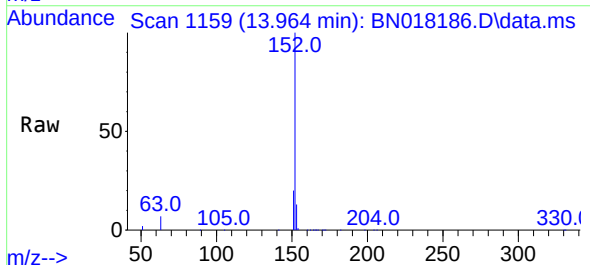
Manual Integrations
APPROVED

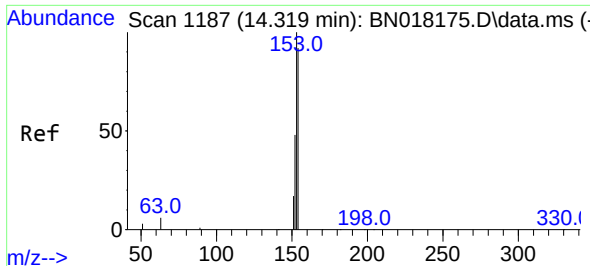
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#16
Acenaphthylene
Concen: 0.395 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.013 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

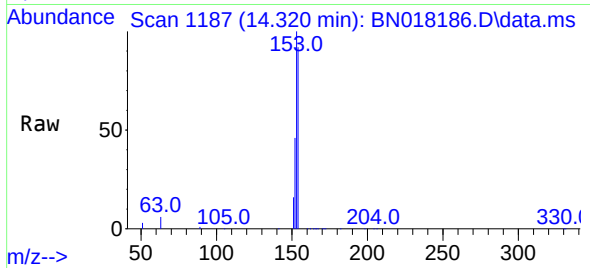
Tgt Ion:152 Resp: 97391
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.1 10.5 15.7





#17
Acenaphthene
Concen: 0.358 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.001 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

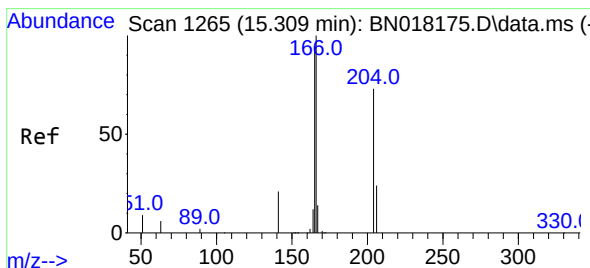
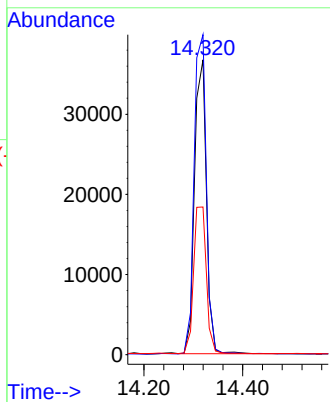
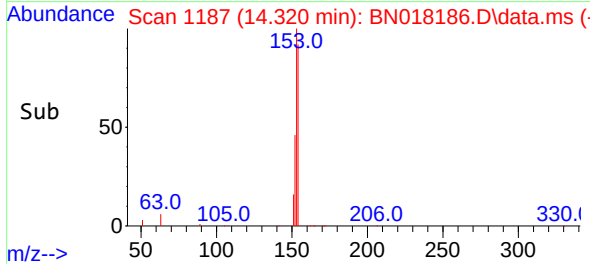
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



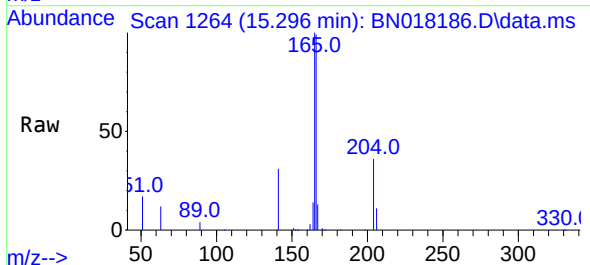
Tgt Ion:154 Resp: 61520
Ion Ratio Lower Upper
154 100
153 111.9 90.9 136.3
152 53.4 45.0 67.4

Manual Integrations
APPROVED

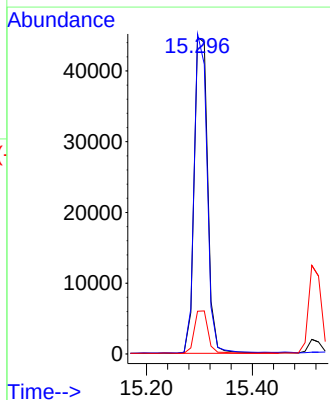
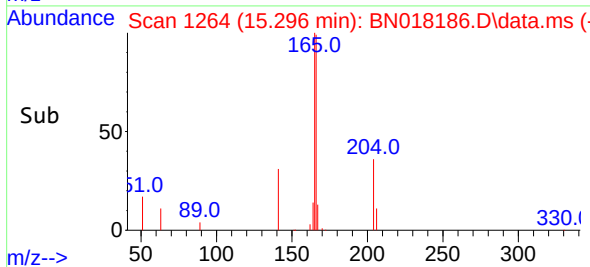
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

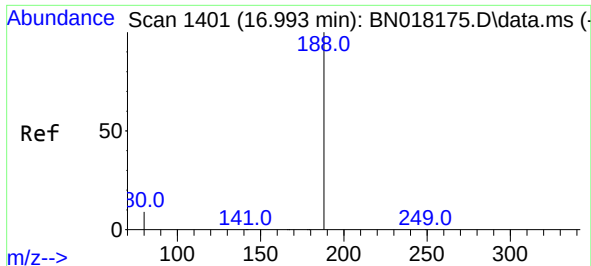


#18
Fluorene
Concen: 0.375 ng m
RT: 15.296 min Scan# 1264
Delta R.T. -0.013 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



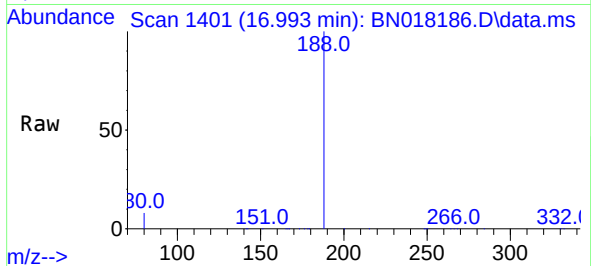
Tgt Ion:166 Resp: 79356
Ion Ratio Lower Upper
166 100
165 97.6 77.8 116.6
167 13.7 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

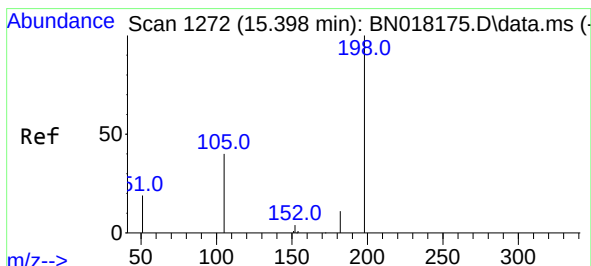
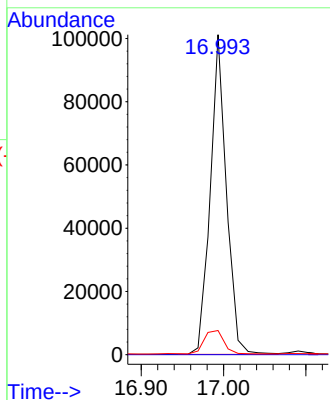
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:188 Resp: 137850
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 7.0 10.4

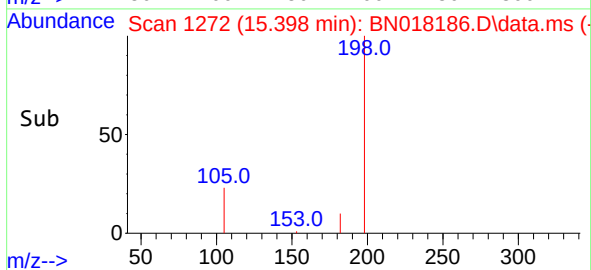
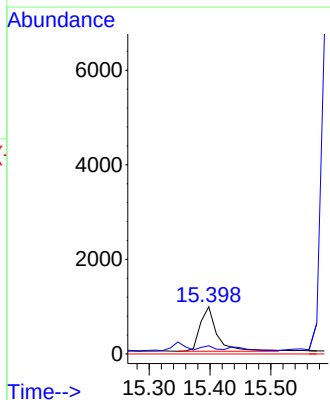
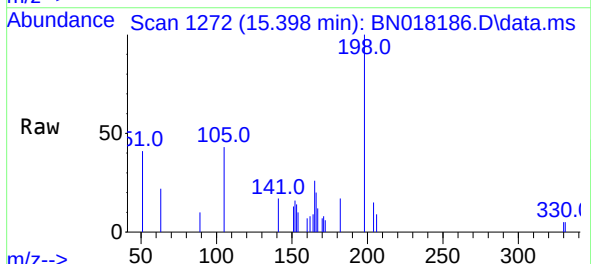
Manual Integrations
APPROVED

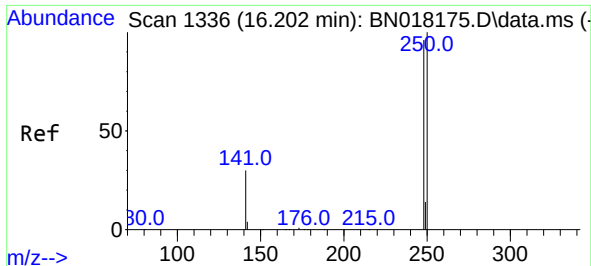
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#20
4,6-Dinitro-2-methylphenol
Concen: 0.346 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

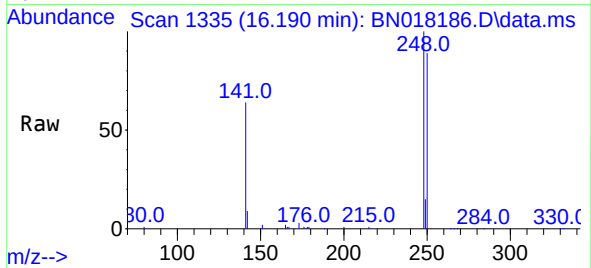
Tgt Ion:198 Resp: 1822
Ion Ratio Lower Upper
198 100
182 17.2 15.5 23.3
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

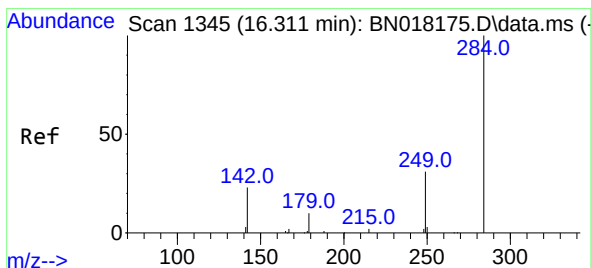
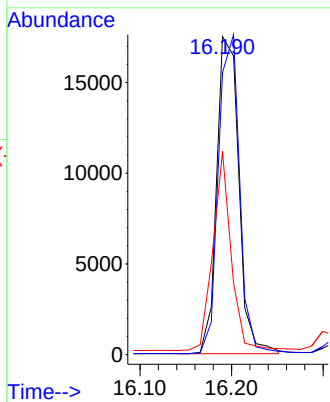
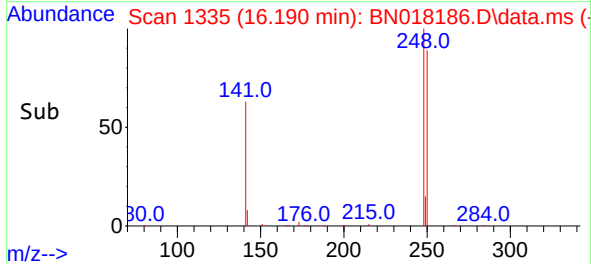
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



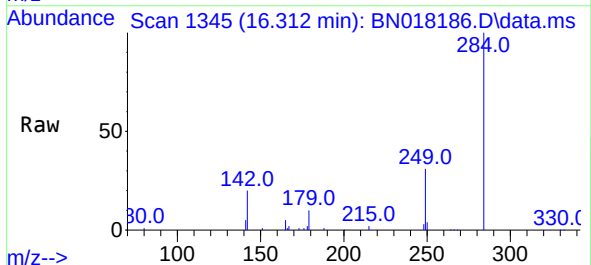
Tgt Ion:248 Resp: 29375
Ion Ratio Lower Upper
248 100
250 88.7 74.4 111.6
141 63.9 43.7 65.5

Manual Integrations
APPROVED

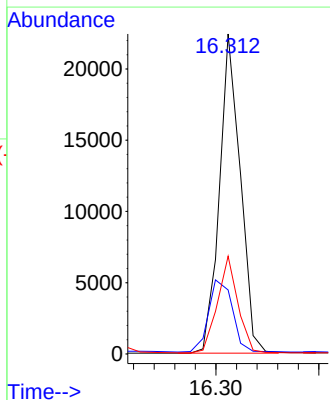
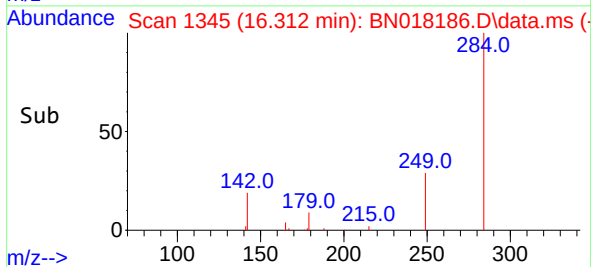
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

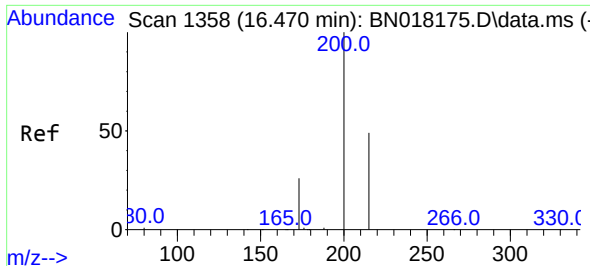


#22
Hexachlorobenzene
Concen: 0.316 ng
RT: 16.312 min Scan# 1345
Delta R.T. 0.001 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



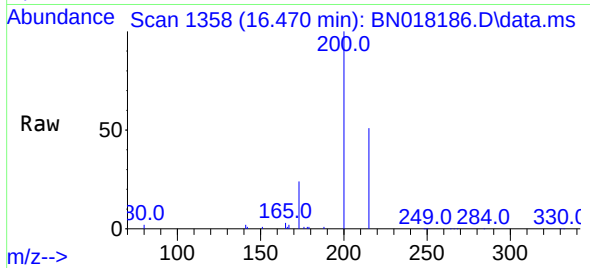
Tgt Ion:284 Resp: 31586
Ion Ratio Lower Upper
284 100
142 25.7 21.6 32.4
249 29.4 23.5 35.3





#23
Atrazine
Concen: 0.418 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

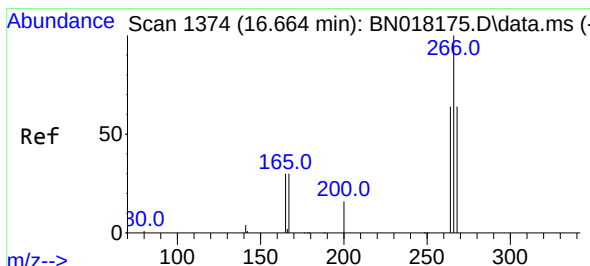
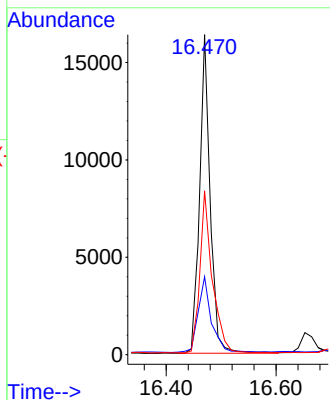
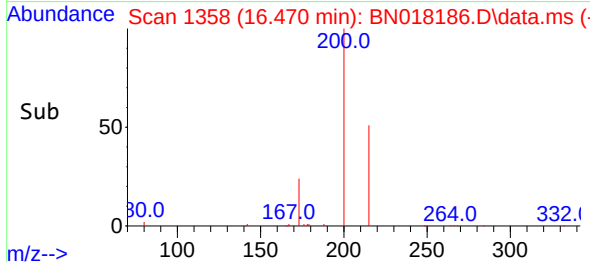
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



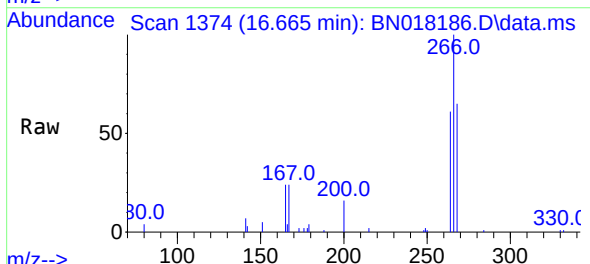
Tgt Ion:200 Resp: 21872
Ion Ratio Lower Upper
200 100
173 24.4 20.3 30.5
215 51.2 40.4 60.6

Manual Integrations
APPROVED

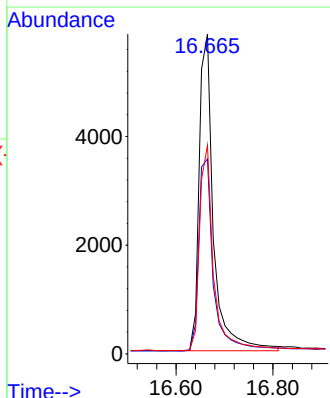
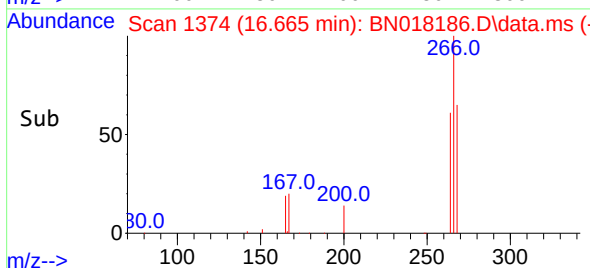
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

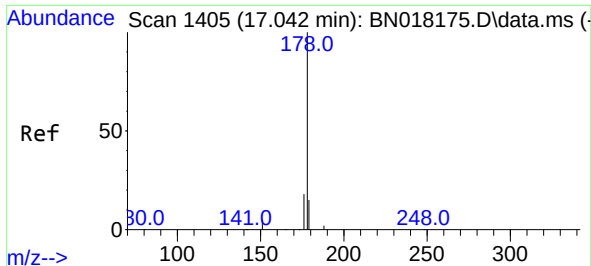


#24
Pentachlorophenol
Concen: 0.559 ng
RT: 16.665 min Scan# 1374
Delta R.T. 0.001 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



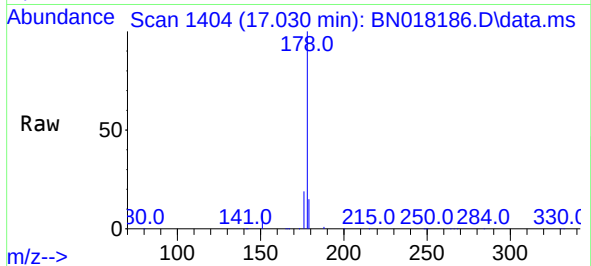
Tgt Ion:266 Resp: 11982
Ion Ratio Lower Upper
266 100
264 62.8 49.5 74.3
268 63.5 50.6 76.0





#25
Phenanthrene
Concen: 0.388 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.012 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

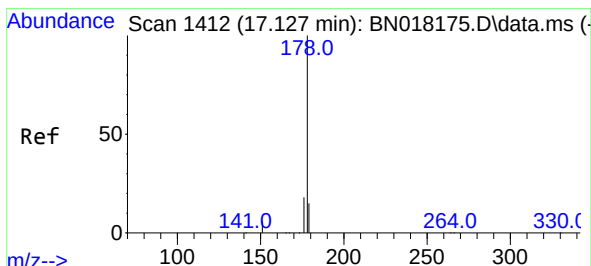
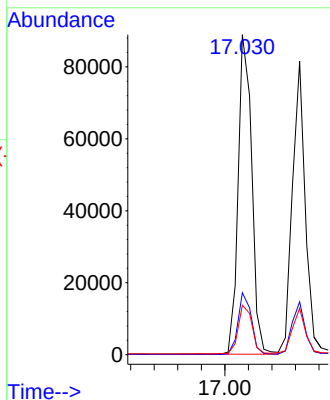
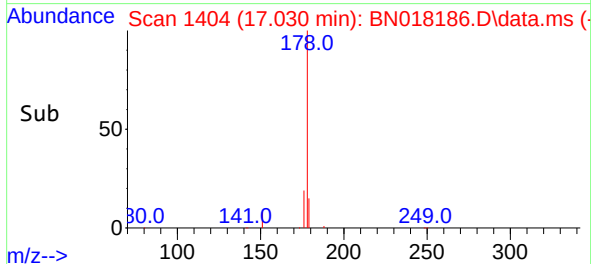
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



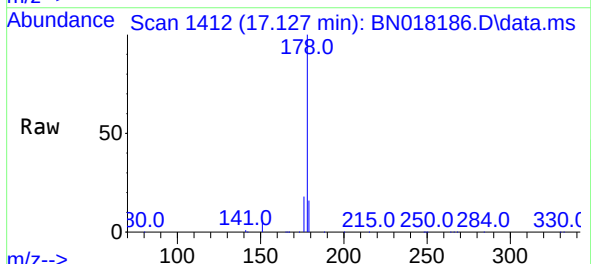
Tgt Ion:178 Resp: 142073
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.3 18.5

Manual Integrations
APPROVED

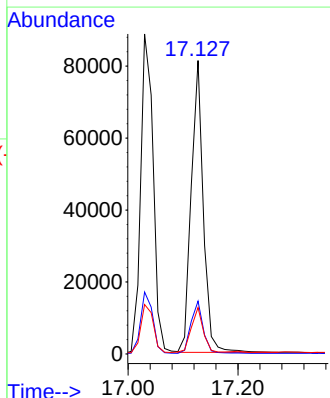
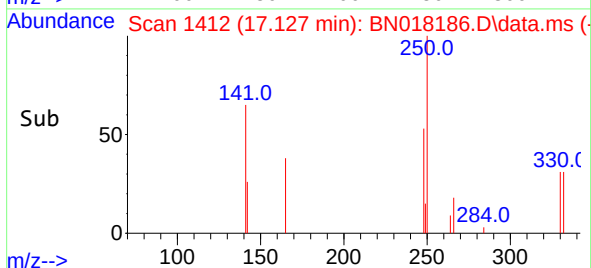
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

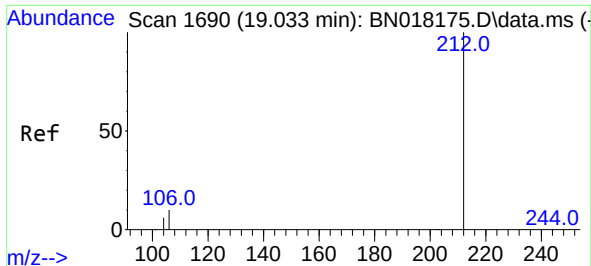


#26
Anthracene
Concen: 0.412 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



Tgt Ion:178 Resp: 124066
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.1 12.2 18.4





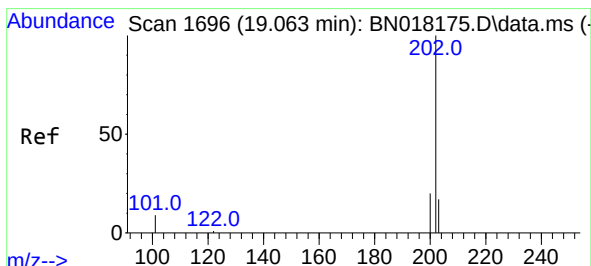
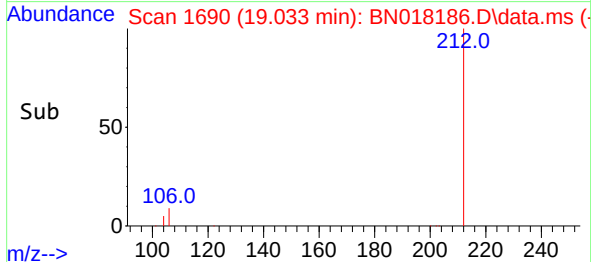
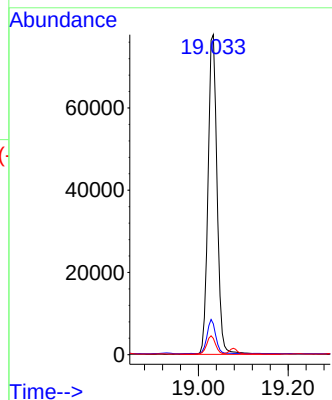
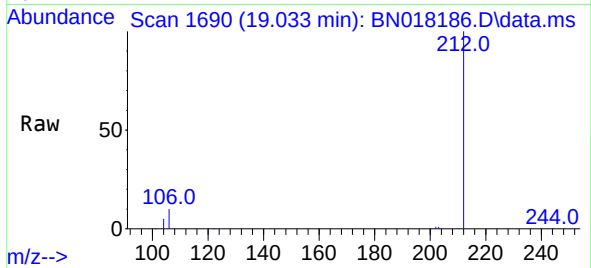
#27
Fluoranthene-d10
Concen: 0.248 ng
RT: 19.033 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion:212 Resp: 10821
Ion Ratio Lower Upper
212 100
106 10.1 8.4 12.6
104 5.6 4.5 6.7

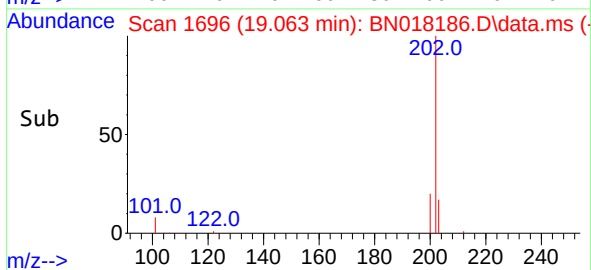
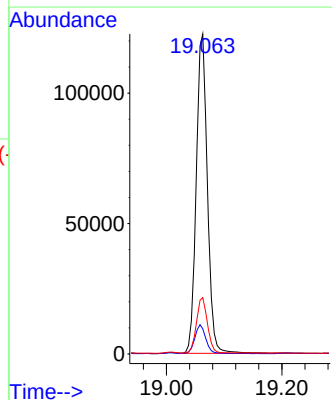
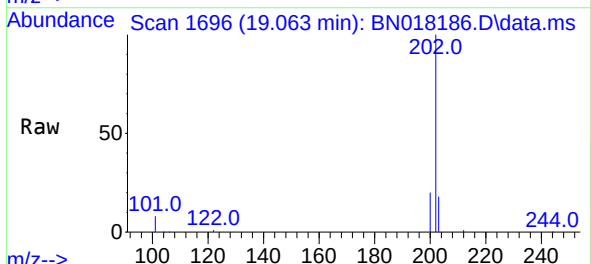
Manual Integrations
APPROVED

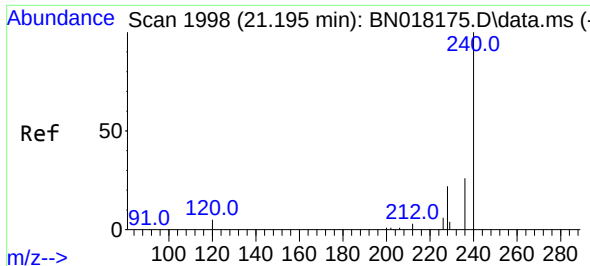
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#28
Fluoranthene
Concen: 0.387 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

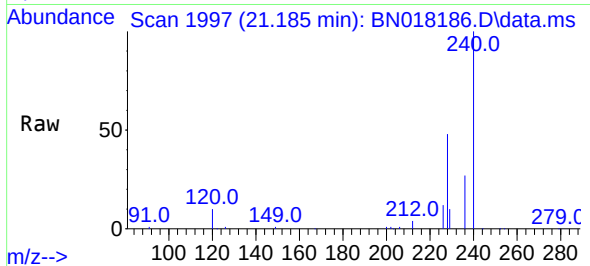
Tgt Ion:202 Resp: 165210
Ion Ratio Lower Upper
202 100
101 8.9 7.2 10.8
203 17.1 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

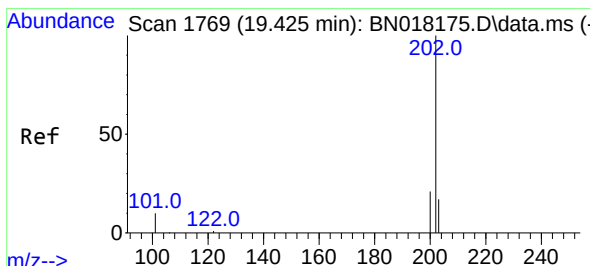
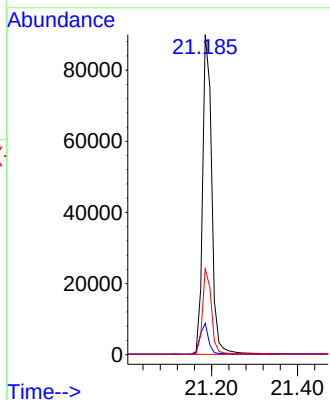
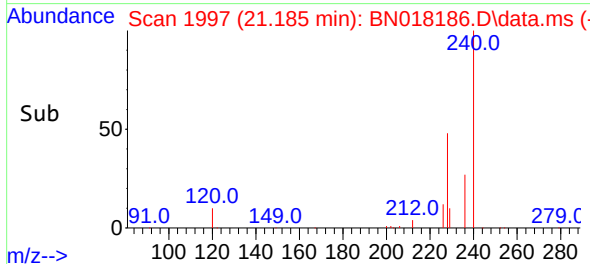
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



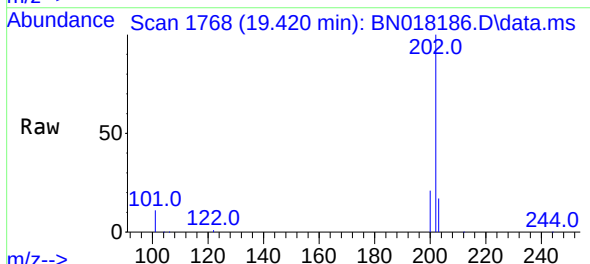
Tgt Ion:240 Resp: 133061
Ion Ratio Lower Upper
240 100
120 9.8 6.0 9.0
236 26.9 21.4 32.2

Manual Integrations
APPROVED

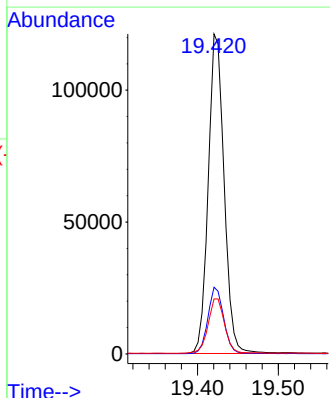
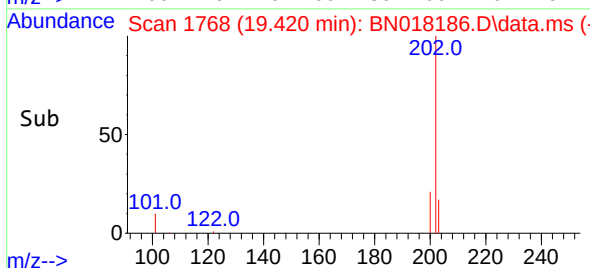
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

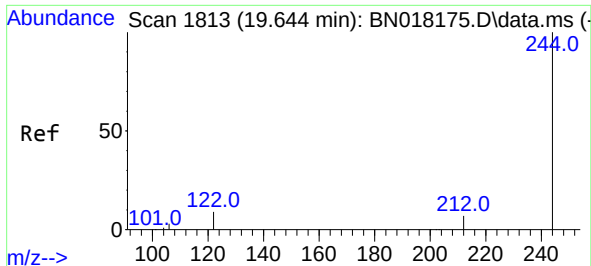


#30
Pyrene
Concen: 0.388 ng
RT: 19.420 min Scan# 1768
Delta R.T. -0.005 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



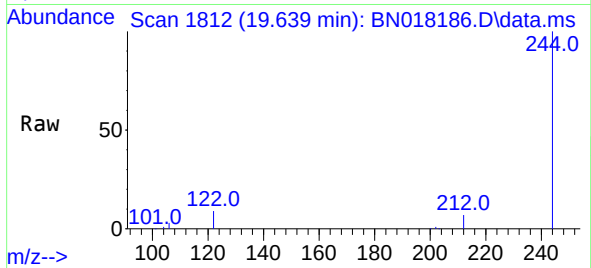
Tgt Ion:202 Resp: 165861
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.7 14.1 21.1





#31
Terphenyl-d14
Concen: 0.298 ng
RT: 19.639 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

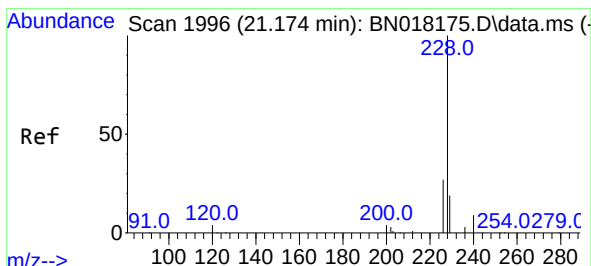
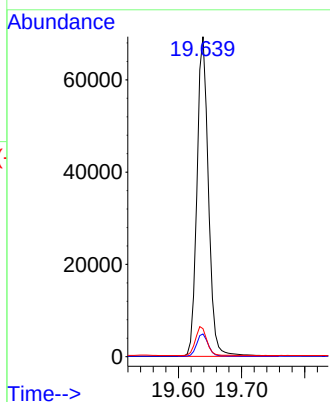
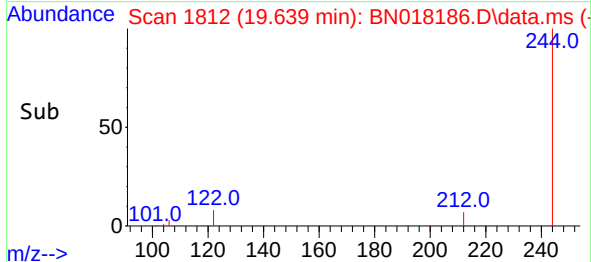
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:244 Resp: 87349
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 8.7 7.9 11.9

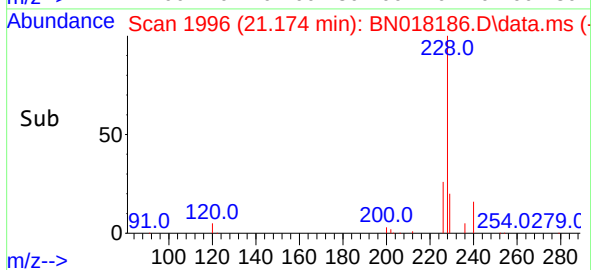
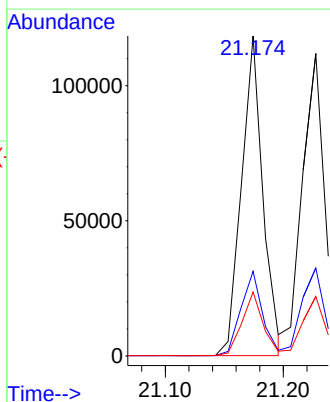
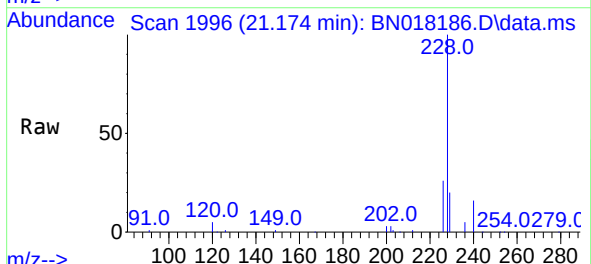
Manual Integrations
APPROVED

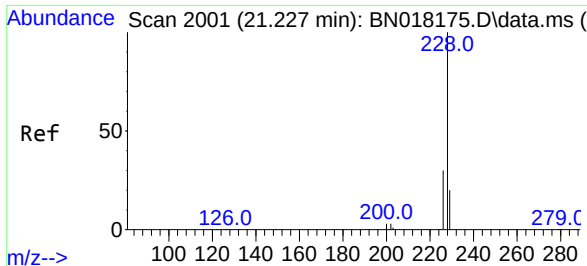
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#32
Benzo(a)anthracene
Concen: 0.387 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

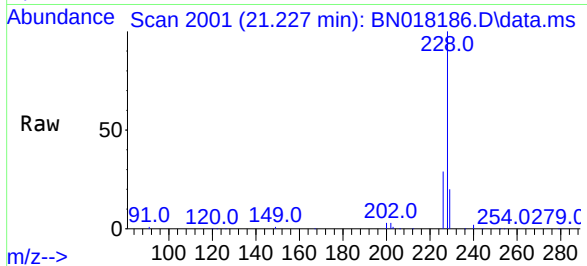
Tgt Ion:228 Resp: 149474
Ion Ratio Lower Upper
228 100
226 26.5 21.3 31.9
229 20.0 15.9 23.9





#33
Chrysene
Concen: 0.361 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

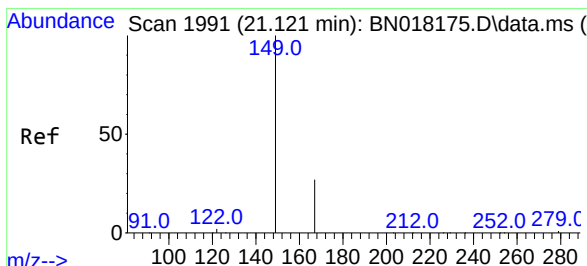
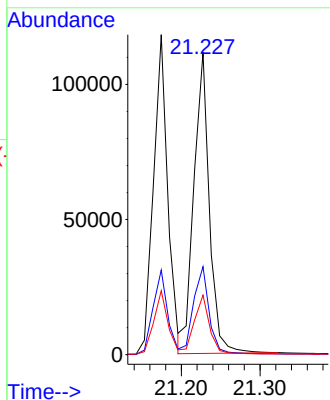
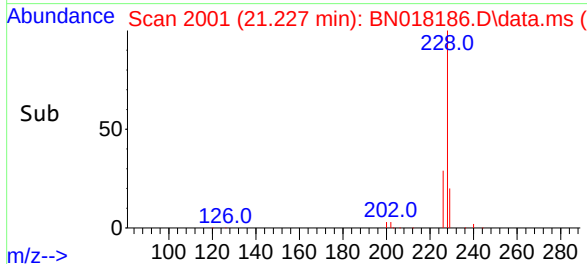
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



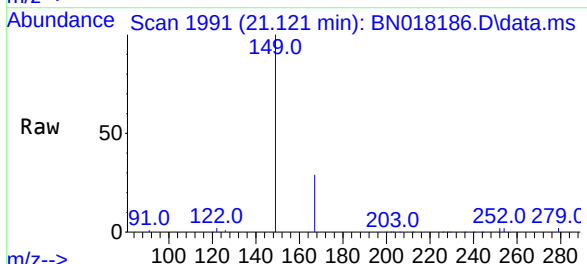
Tgt Ion:228 Resp: 152095
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 19.7 15.5 23.3

Manual Integrations
APPROVED

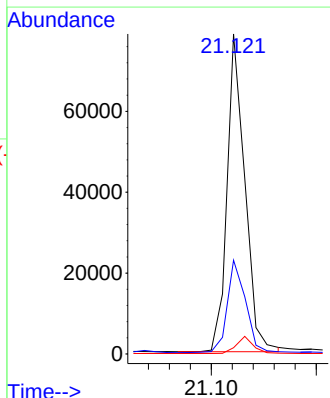
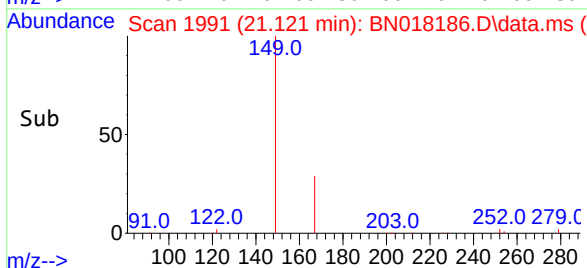
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

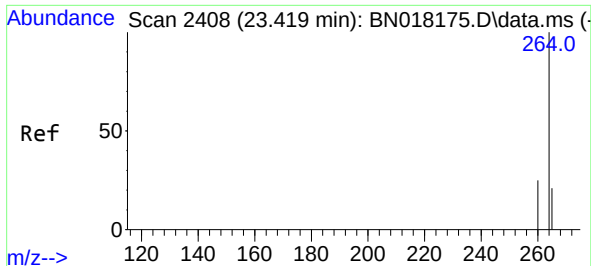


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.692 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49



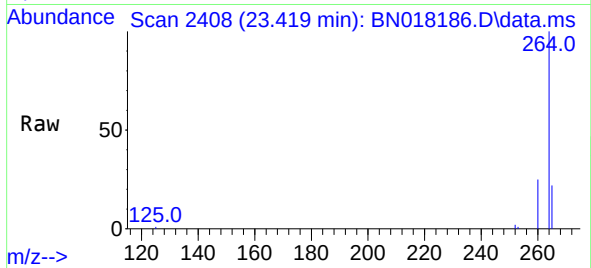
Tgt Ion:149 Resp: 92337
Ion Ratio Lower Upper
149 100
167 29.9 23.7 35.5
279 5.1 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.419 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

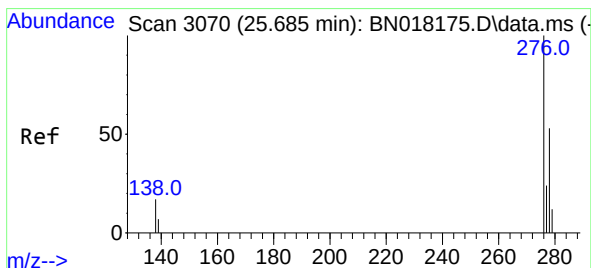
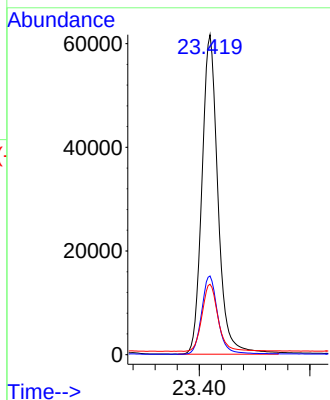
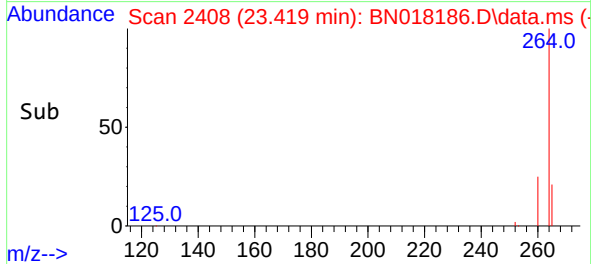
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:264 Resp: 124000
Ion Ratio Lower Upper
264 100
260 24.6 20.2 30.4
265 22.0 18.2 27.2

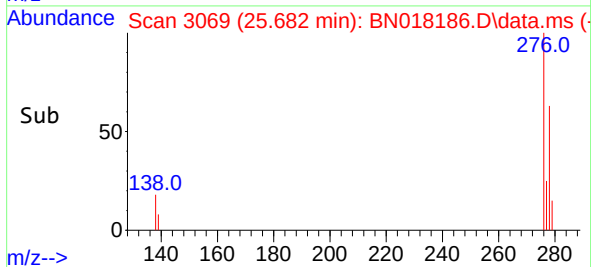
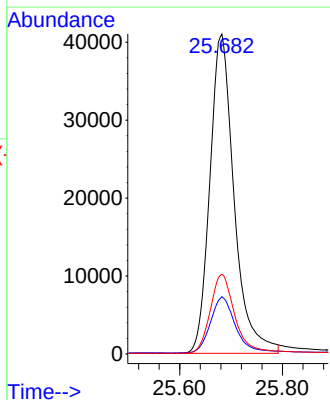
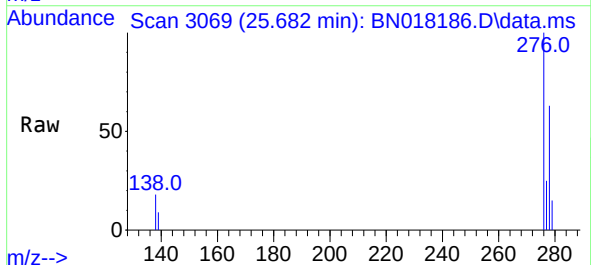
Manual Integrations
APPROVED

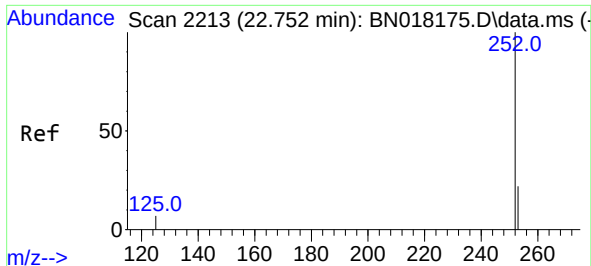
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.374 ng
RT: 25.682 min Scan# 3069
Delta R.T. -0.003 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

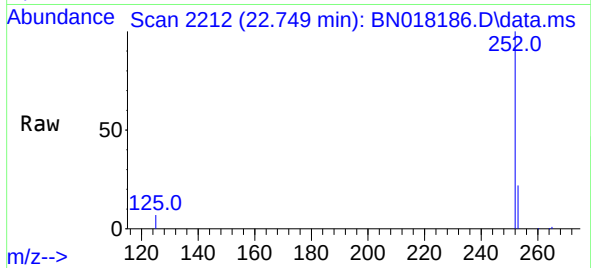
Tgt Ion:276 Resp: 134341
Ion Ratio Lower Upper
276 100
138 18.1 14.9 22.3
277 25.0 19.9 29.9





#37
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.749 min Scan# 2113
Delta R.T. -0.003 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

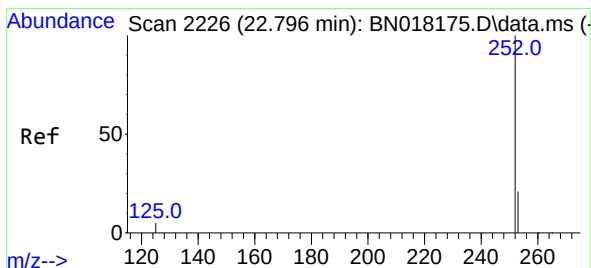
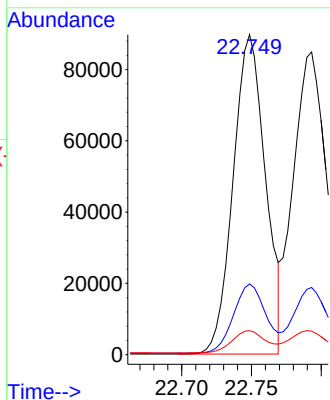
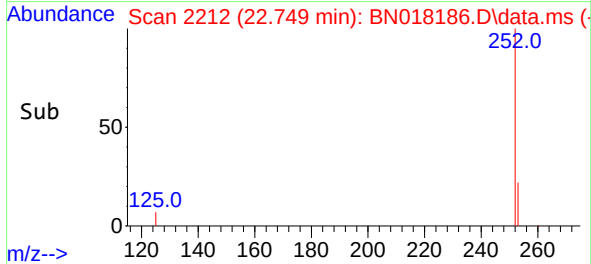
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMSD



Tgt Ion:252 Resp: 143808
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 7.5 6.0 9.0

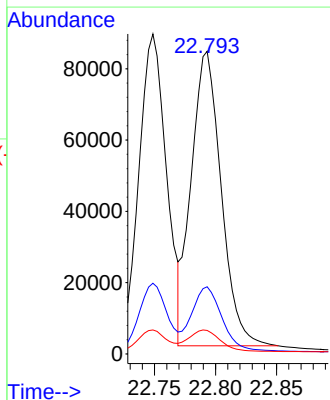
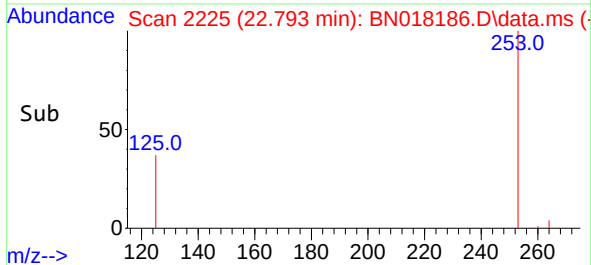
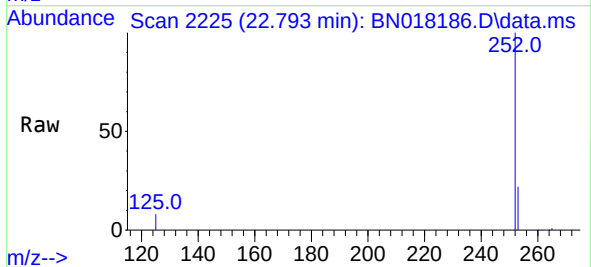
Manual Integrations
APPROVED

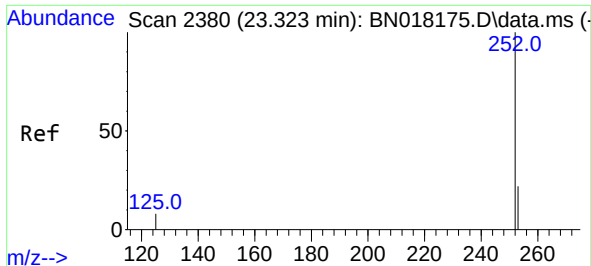
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#38
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 22.793 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Tgt Ion:252 Resp: 141462
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.8 6.2 9.2





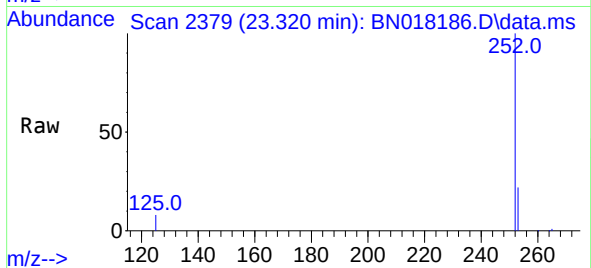
#39
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Instrument :

BNA_N

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMSD

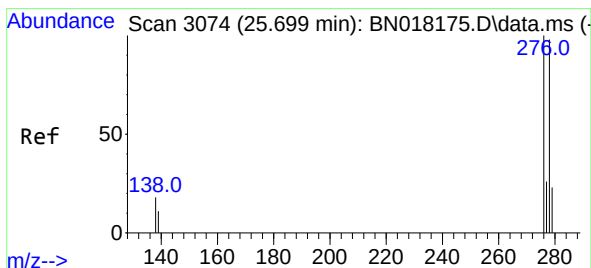
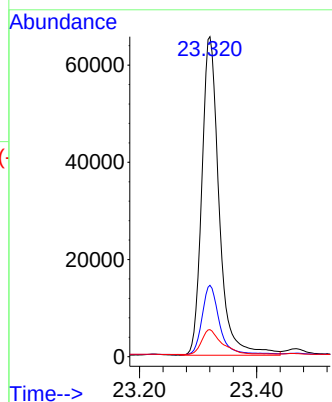


Tgt Ion:252 Resp: 134414
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 8.4 7.0 10.4

Manual Integrations

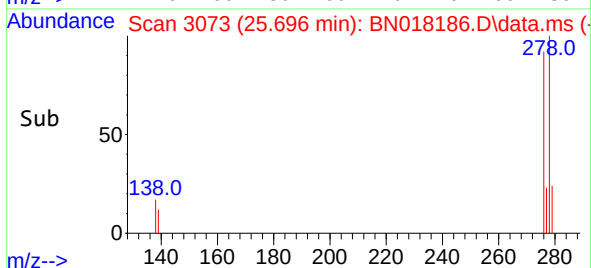
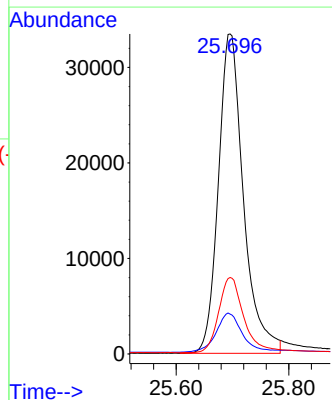
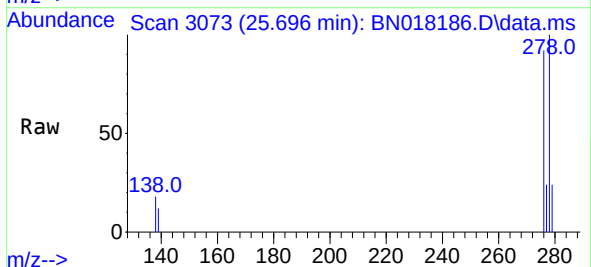
APPROVED

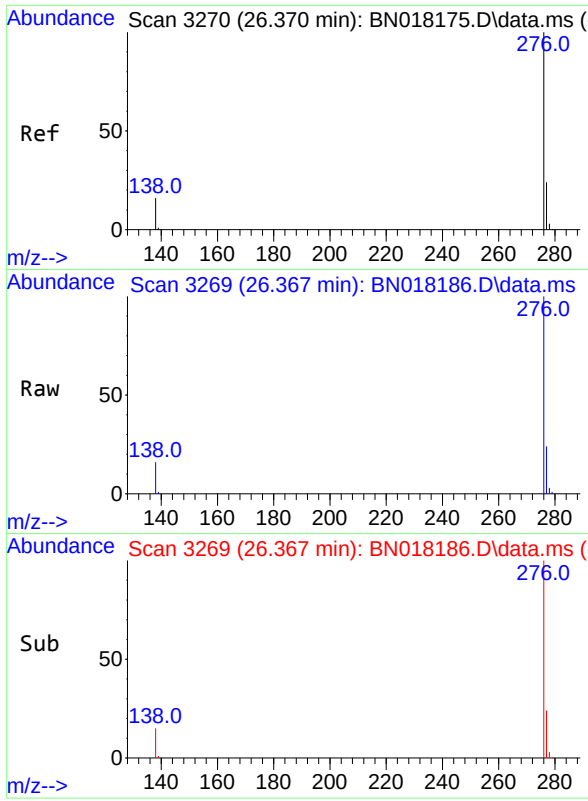
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.696 min Scan# 3073
Delta R.T. -0.003 min
Lab File: BN018186.D
Acq: 23 Dec 2021 17:49

Tgt Ion:278 Resp: 103407
Ion Ratio Lower Upper
278 100
139 12.5 10.8 16.2
279 23.9 19.0 28.4





#41

Benzo(g,h,i)perylene

Concen: 0.376 ng

RT: 26.367 min Scan# 31

Delta R.T. -0.003 min

Lab File: BN018186.D

Acq: 23 Dec 2021 17:49

Instrument :

BNA_N

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMSD

Tgt Ion:276 Resp: 124354

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 15.6 12.6 19.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/27/2021

Supervised By :mohammad ahmed 12/30/2021

