

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
 Data File : BN018185.D
 Acq On : 23 Dec 2021 17:13
 Operator : CG/JU
 Sample : M5179-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Dec 24 23:32:10 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	22363	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	100003	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	62697	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	129196	0.400	ng	0.00
29) Chrysene-d12	21.185	240	128400	0.400	ng	#-0.01
35) Perylene-d12	23.419	264	118117	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	14243	0.292	ng	0.04
5) Phenol-d6	6.821	99	16260	0.311	ng	0.00
8) Nitrobenzene-d5	8.771	82	20436	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	50334	0.293	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8406	0.385	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	67458	0.288	ng	-0.01
27) Fluoranthene-d10	19.033	212	107900	0.264	ng	0.00
31) Terphenyl-d14	19.638	244	86643	0.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	6205m	0.462	ng	
3) n-Nitrosodimethylamine	3.511	42	8225	0.421	ng	98
6) bis(2-Chloroethyl)ether	7.061	93	20606	0.366	ng	99
9) Naphthalene	10.444	128	91371	0.370	ng	99
10) Hexachlorobutadiene	10.748	225	22335	0.340	ng	# 100
12) 2-Methylnaphthalene	12.069	142	64279	0.394	ng	99
16) Acenaphthylene	13.964	152	94773	0.407	ng	100
17) Acenaphthene	14.319	154	60404	0.372	ng	98
18) Fluorene	15.309	166	78596m	0.394	ng	
20) 4,6-Dinitro-2-methylph...	15.398	198	1742	0.350	ng	95
21) 4-Bromophenyl-phenylether	16.202	248	28795	0.364	ng	# 77
22) Hexachlorobenzene	16.311	284	30977	0.331	ng	99
23) Atrazine	16.470	200	21284	0.431	ng	98
24) Pentachlorophenol	16.664	266	12542	0.590	ng	99
25) Phenanthrene	17.029	178	140784	0.411	ng	99
26) Anthracene	17.127	178	122321	0.433	ng	99
28) Fluoranthene	19.063	202	164180	0.410	ng	100
30) Pyrene	19.425	202	164001	0.398	ng	100
32) Benzo(a)anthracene	21.174	228	146884	0.394	ng	100
33) Chrysene	21.227	228	153515	0.377	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	92170	0.707	ng	99
36) Indeno(1,2,3-cd)pyrene	25.678	276	132778	0.388	ng	99
37) Benzo(b)fluoranthene	22.748	252	141893	0.388	ng	100
38) Benzo(k)fluoranthene	22.793	252	141648	0.385	ng	100
39) Benzo(a)pyrene	23.320	252	133911	0.408	ng	100
40) Dibenzo(a,h)anthracene	25.695	278	101928	0.379	ng	99
41) Benzo(g,h,i)perylene	26.366	276	123469	0.392	ng	100

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

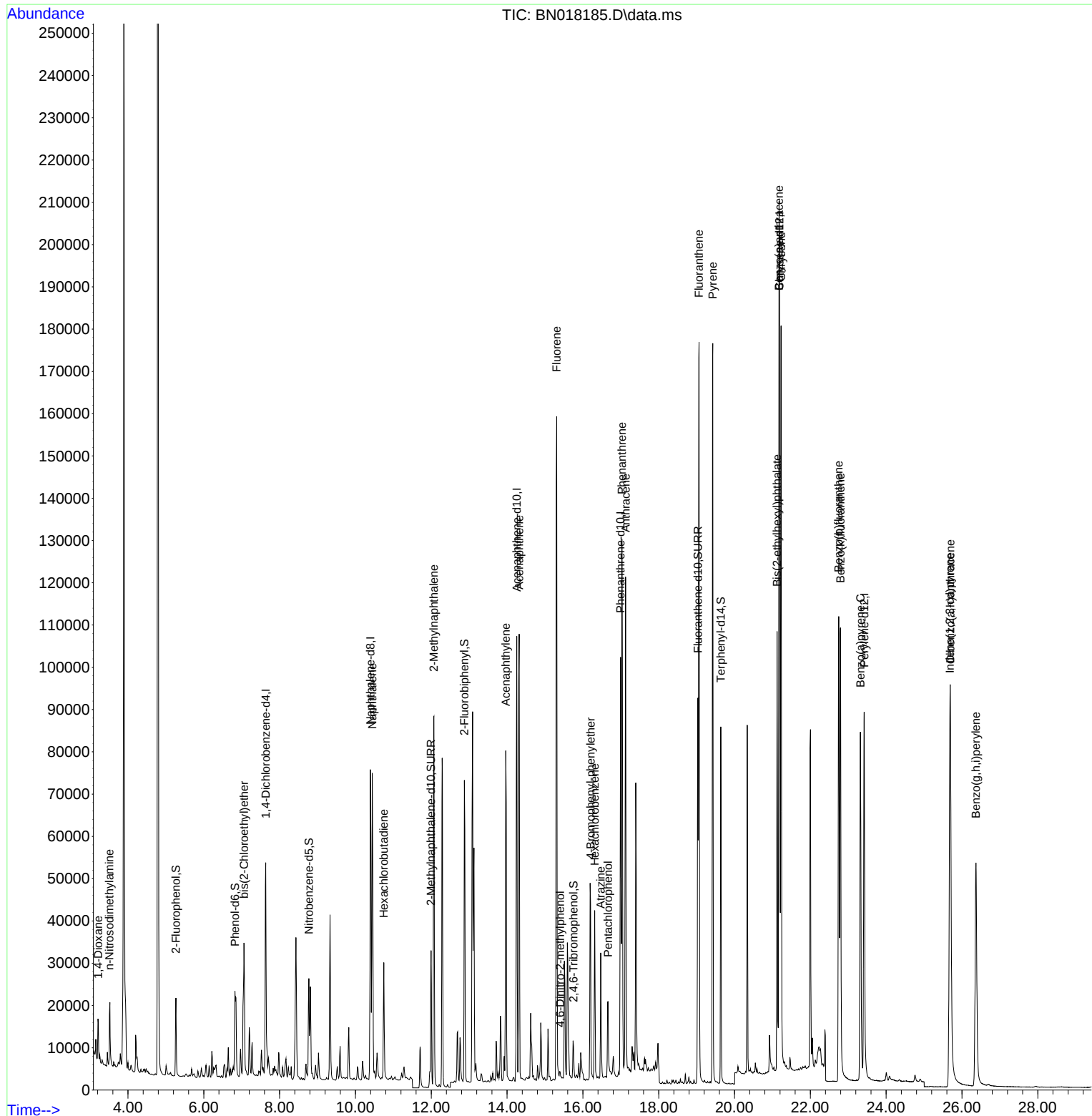
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018185.D
Acq On : 23 Dec 2021 17:13
Operator : CG/JU
Sample : M5179-03MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

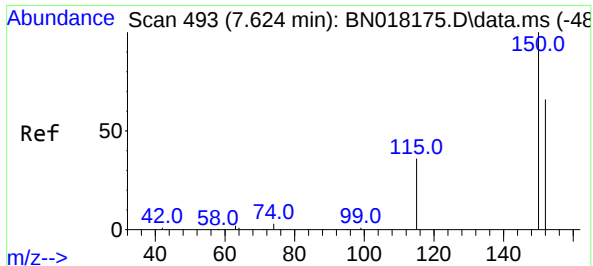
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS

Quant Time: Dec 24 23:32:10 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
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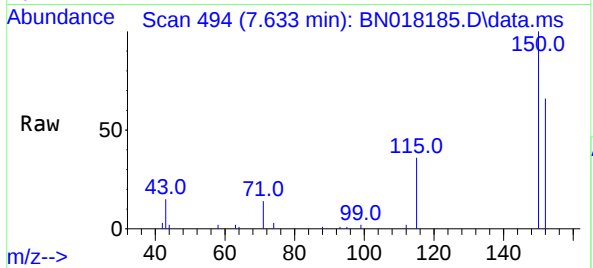
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 49
Delta R.T. 0.009 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

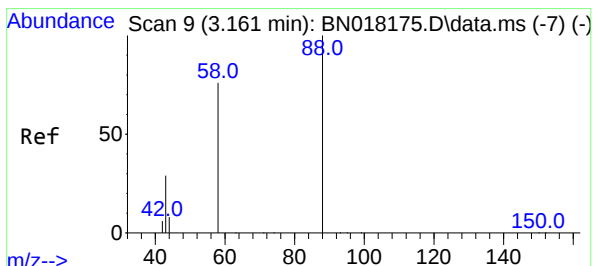
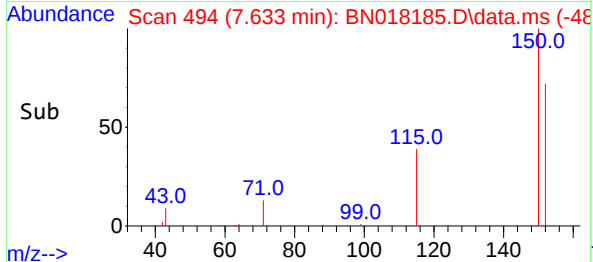
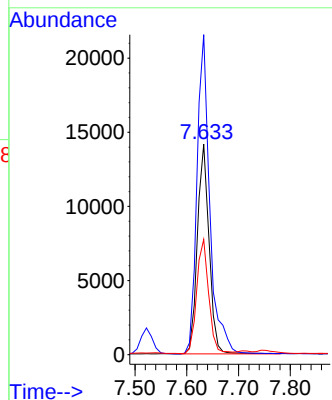
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:152 Resp: 2236
Ion Ratio Lower Upper
152 100
150 151.9 121.7 182.5
115 54.7 43.8 65.8

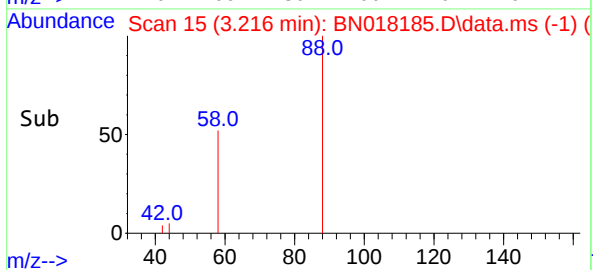
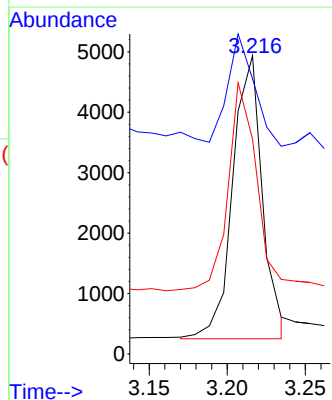
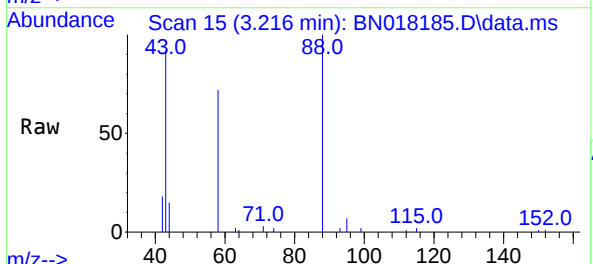
Manual Integrations
APPROVED

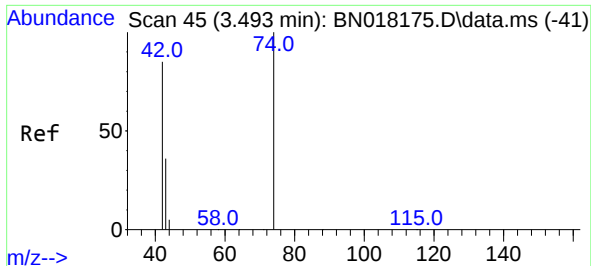
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#2
1,4-Dioxane
Concen: 0.462 ng m
RT: 3.216 min Scan# 15
Delta R.T. 0.055 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

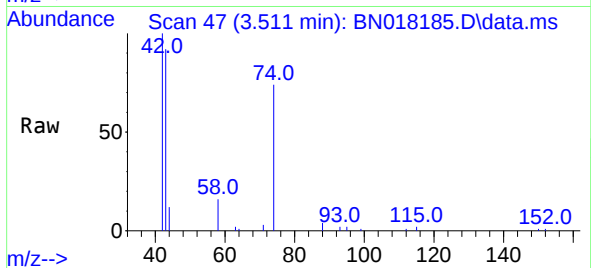
Tgt Ion: 88 Resp: 6205
Ion Ratio Lower Upper
88 100
43 0.0 69.7 104.5#
58 0.0 83.8 125.8#





#3
n-Nitrosodimethylamine
Concen: 0.421 ng
RT: 3.511 min Scan# 41
Delta R.T. 0.018 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

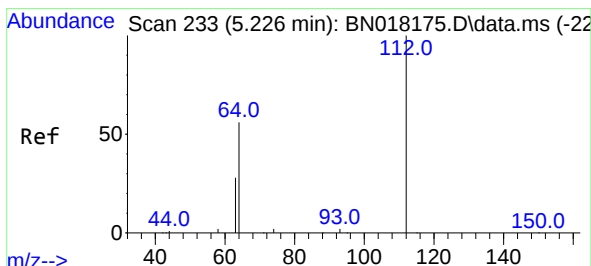
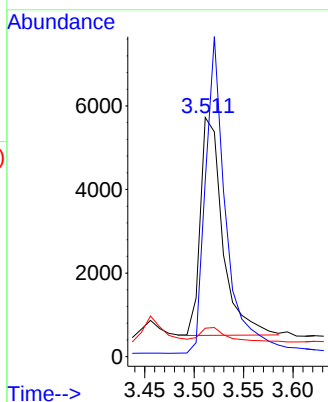
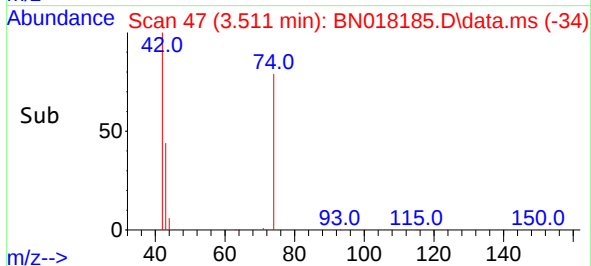
Instrument :
BNA_N
ClientSampleId :
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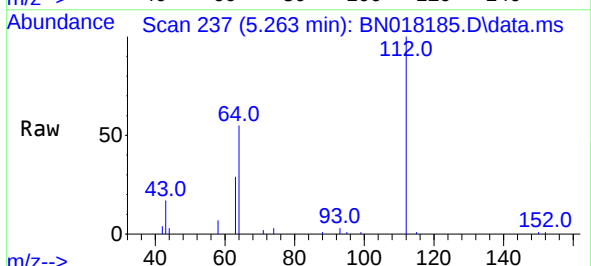
Tgt Ion: 42 Resp: 8225
Ion Ratio Lower Upper
42 100
74 133.3 108.6 163.0
44 8.1 5.8 8.8

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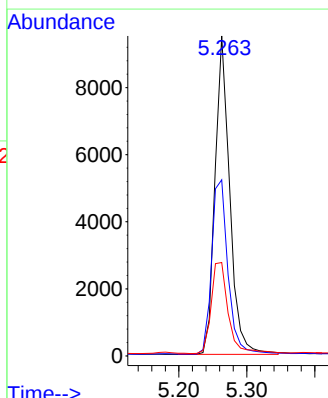
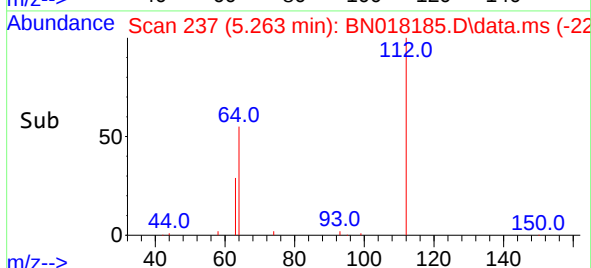
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

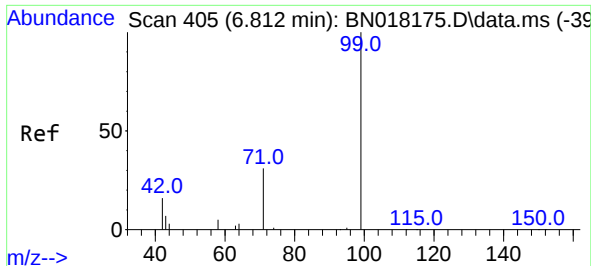


#4
2-Fluorophenol
Concen: 0.292 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.037 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



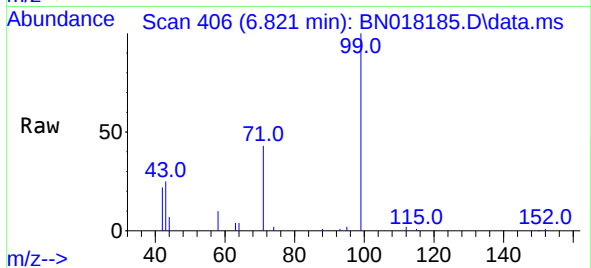
Tgt Ion:112 Resp: 14243
Ion Ratio Lower Upper
112 100
64 60.8 48.0 72.0
63 33.2 25.3 37.9





#5
Phenol-d6
Concen: 0.311 ng
RT: 6.821 min Scan# 405
Delta R.T. 0.009 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

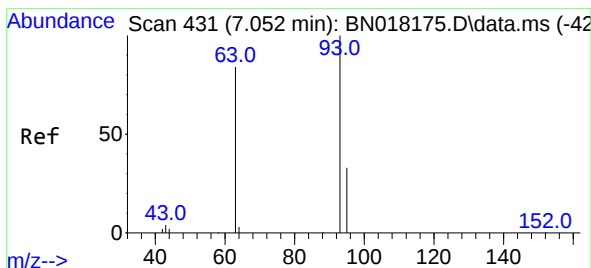
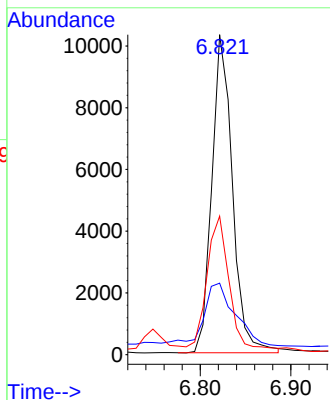
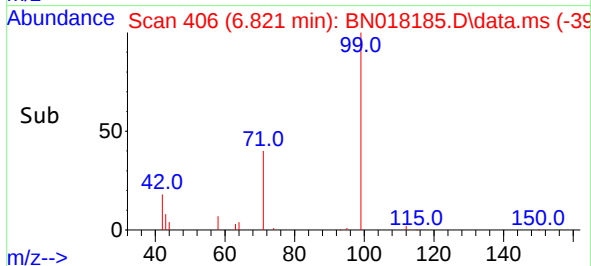
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion: 99 Resp: 16260
Ion Ratio Lower Upper
99 100
42 29.8 16.3 24.5
71 42.8 26.8 40.2

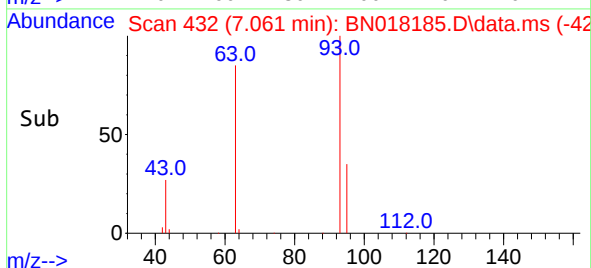
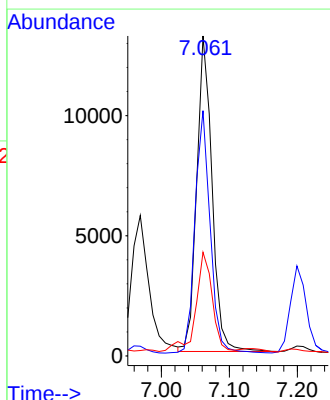
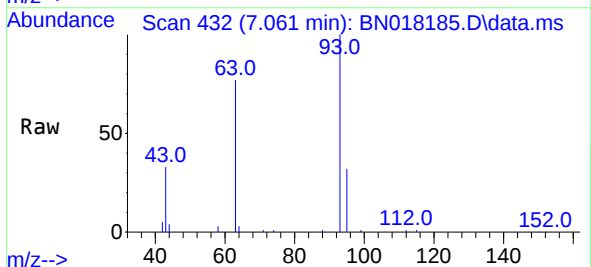
Manual Integrations
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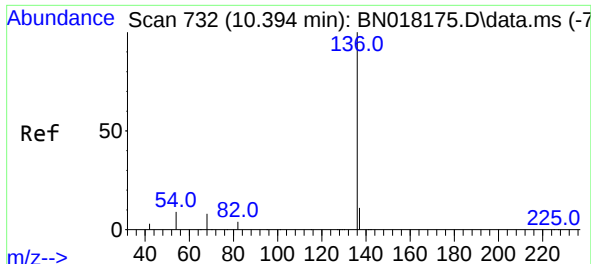
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.061 min Scan# 432
Delta R.T. 0.009 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

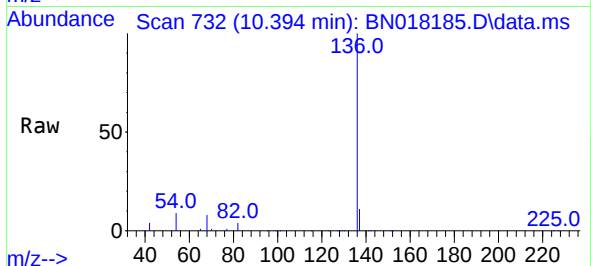
Tgt Ion: 93 Resp: 20606
Ion Ratio Lower Upper
93 100
63 76.2 61.7 92.5
95 33.6 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

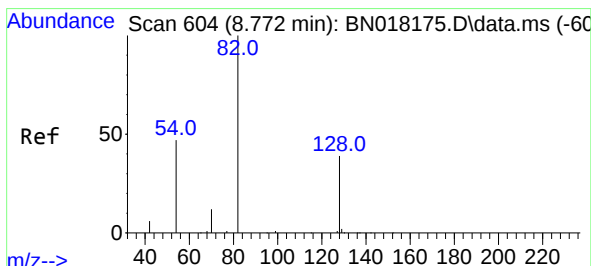
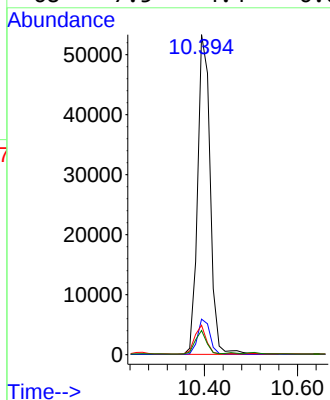
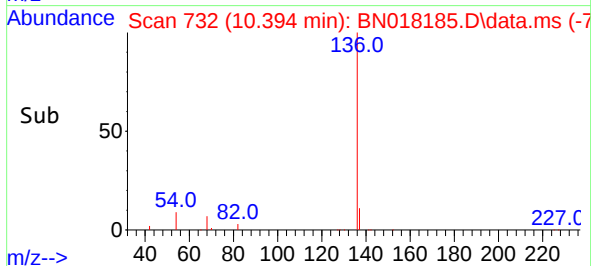
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:136 Resp: 100000
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.2 5.0 7.6
68 7.5 4.4 6.6#

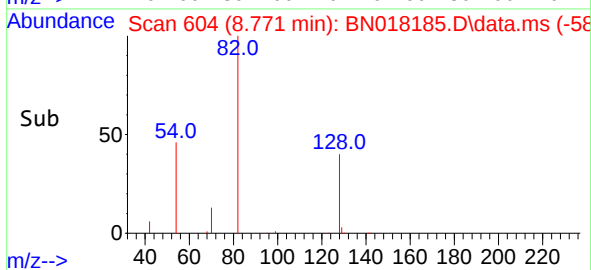
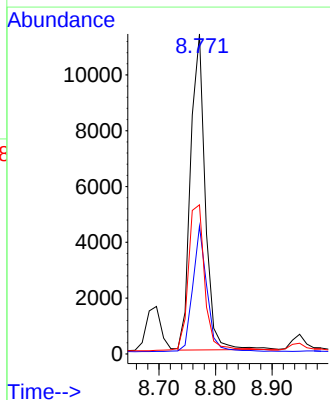
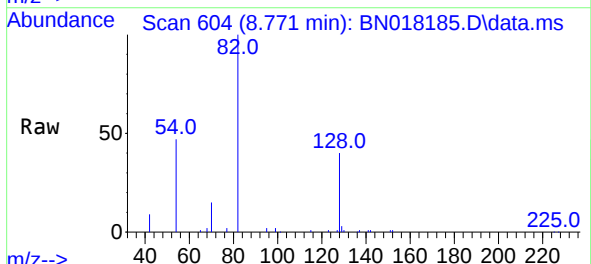
Manual Integrations
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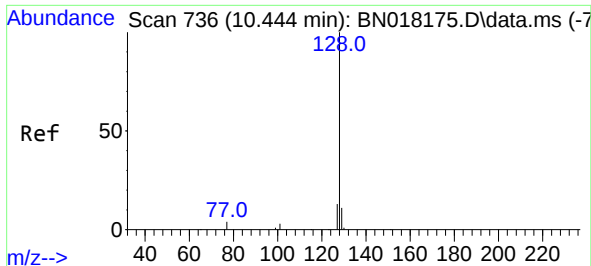
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.001 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

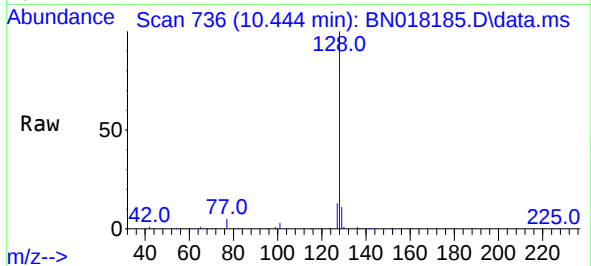
Tgt Ion: 82 Resp: 20436
Ion Ratio Lower Upper
82 100
128 39.9 33.7 50.5
54 46.6 36.6 55.0





#9
Naphthalene
Concen: 0.370 ng
RT: 10.444 min Scan# 736
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

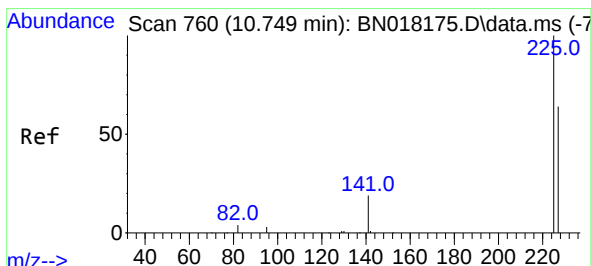
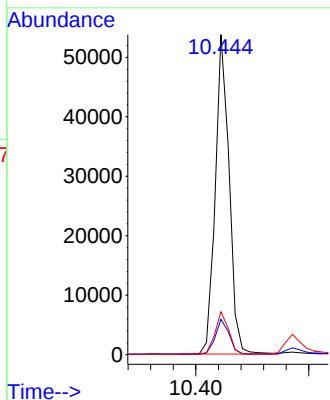
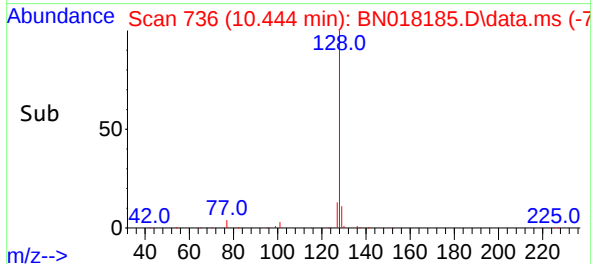
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:128 Resp: 9137
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.4 15.6

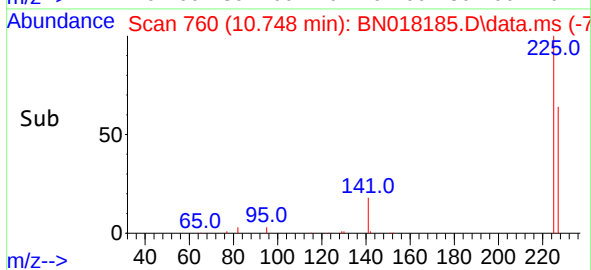
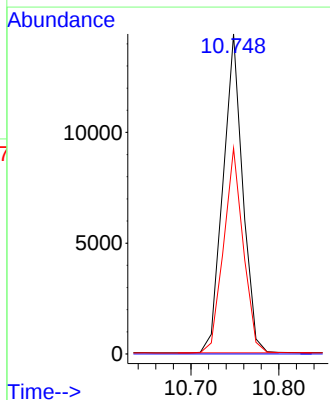
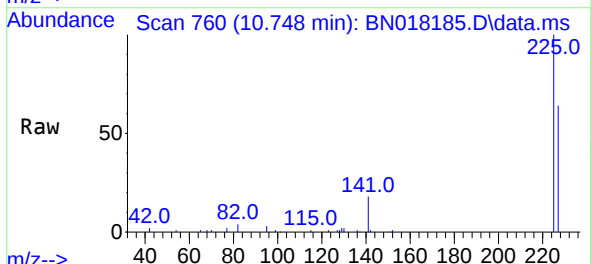
Manual Integrations
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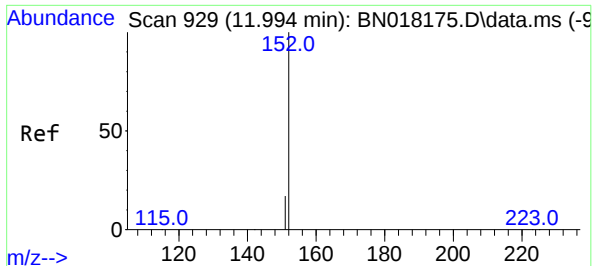
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#10
Hexachlorobutadiene
Concen: 0.340 ng
RT: 10.748 min Scan# 760
Delta R.T. -0.001 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

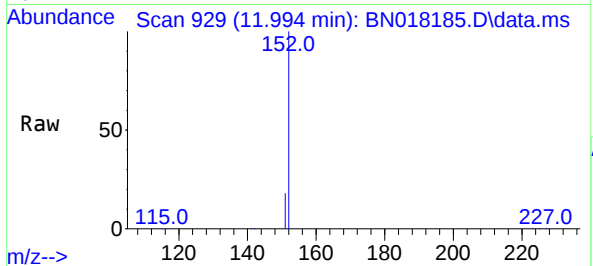
Tgt Ion:225 Resp: 22335
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 64.2 51.0 76.6





#11
2-Methylnaphthalene-d10
Concen: 0.293 ng
RT: 11.994 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

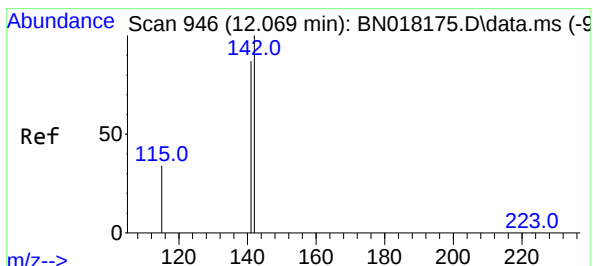
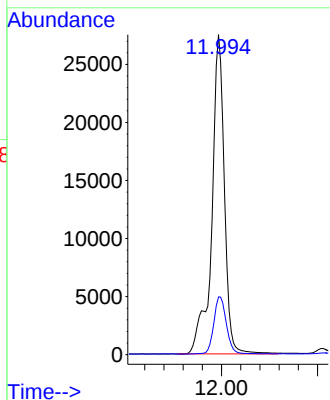
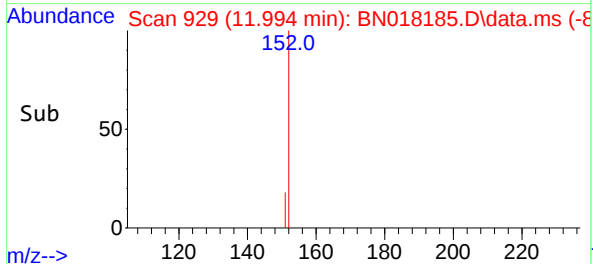
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:152 Resp: 50334
Ion Ratio Lower Upper
152 100
151 18.0 16.2 24.2

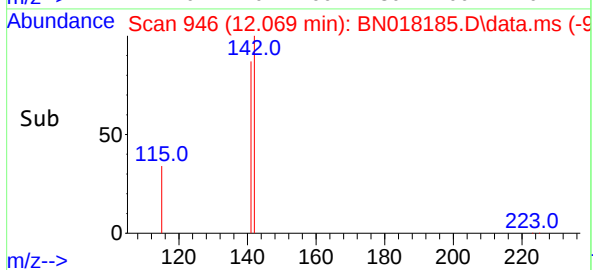
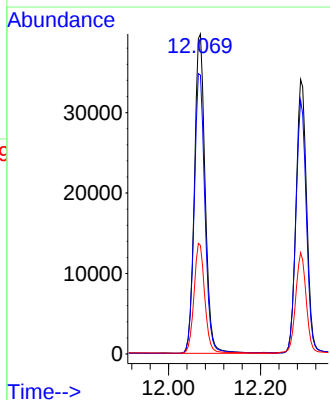
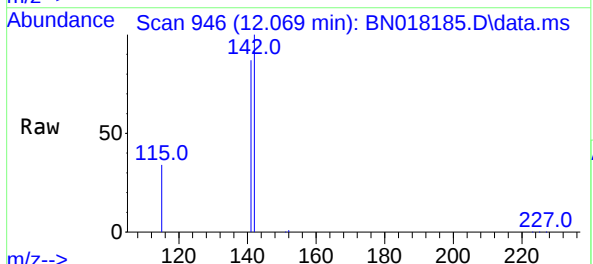
Manual Integrations
APPROVED

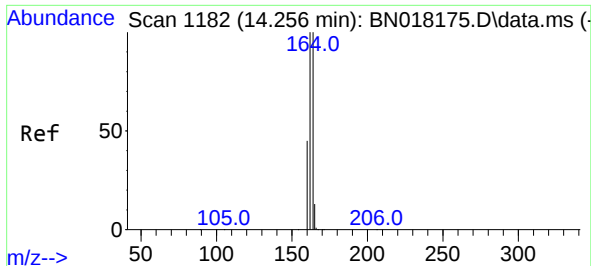
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.069 min Scan# 946
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

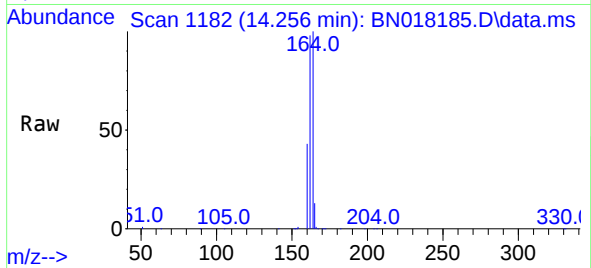
Tgt Ion:142 Resp: 64279
Ion Ratio Lower Upper
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141 87.2 70.0 105.0
115 33.9 27.8 41.8





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

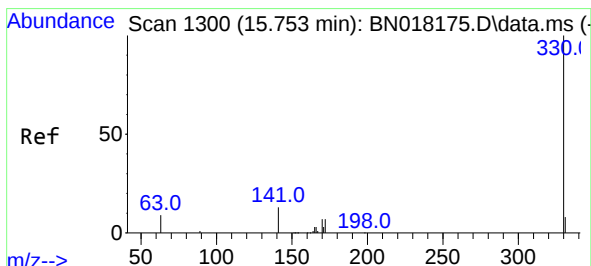
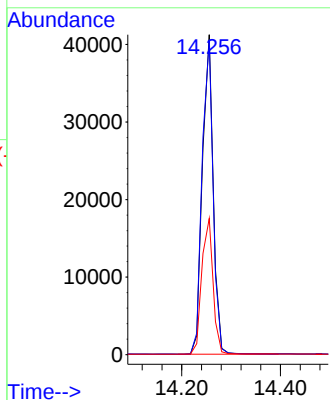
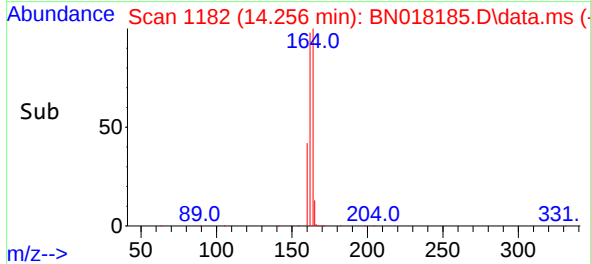
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



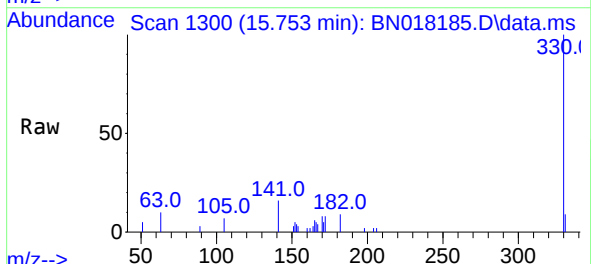
Tgt Ion:164 Resp: 6269
Ion Ratio Lower Upper
164 100
162 98.2 80.2 120.2
160 42.5 36.9 55.3

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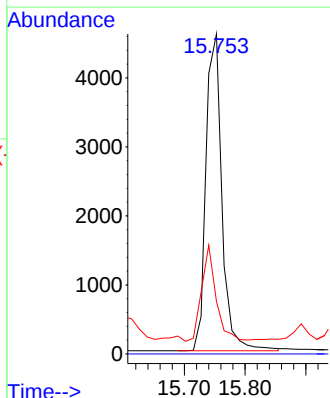
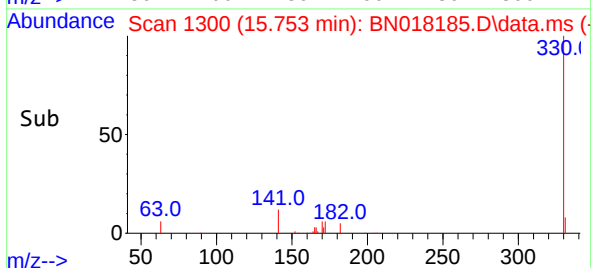
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

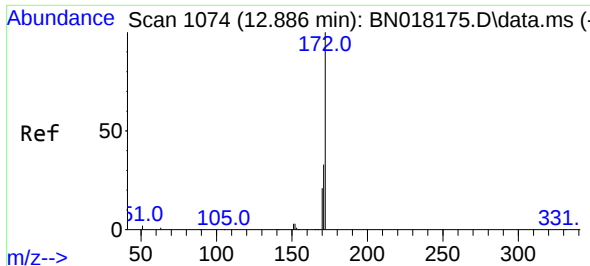


#14
2,4,6-Tribromophenol
Concen: 0.385 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



Tgt Ion:330 Resp: 8406
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.5 21.3 31.9





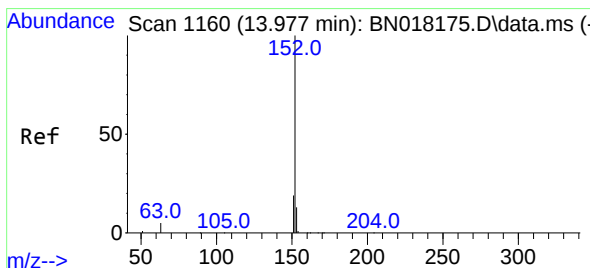
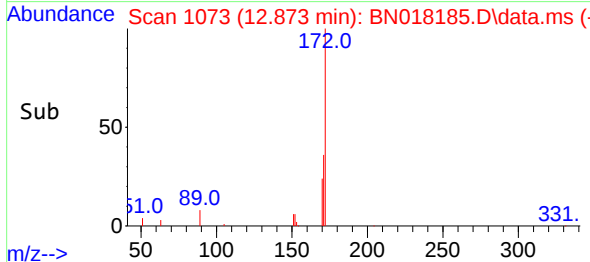
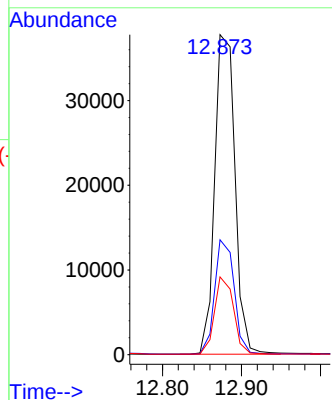
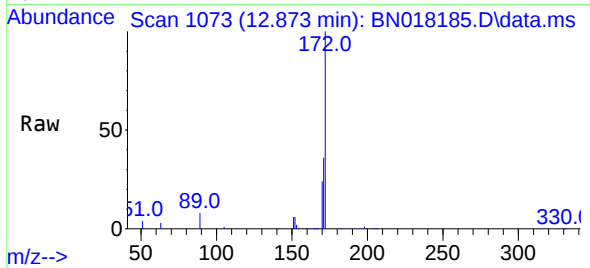
#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 12.873 min Scan# 1158
Delta R.T. -0.013 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

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

Tgt Ion:172 Resp: 67458
Ion Ratio Lower Upper
172 100
171 35.9 27.4 41.0
170 24.3 18.4 27.6

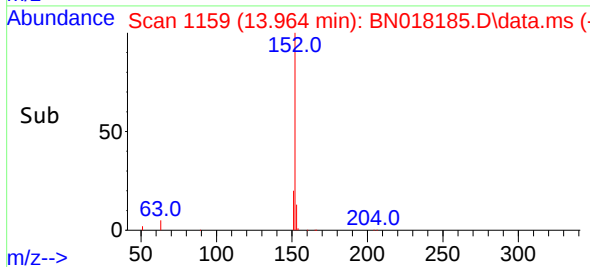
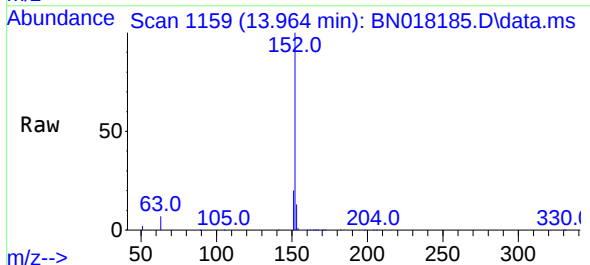
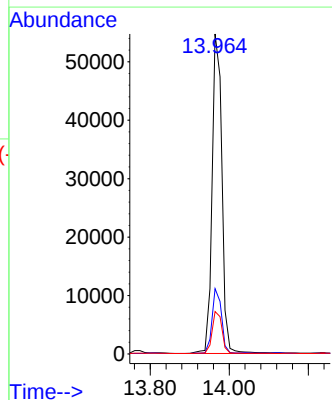
Manual Integrations
APPROVED

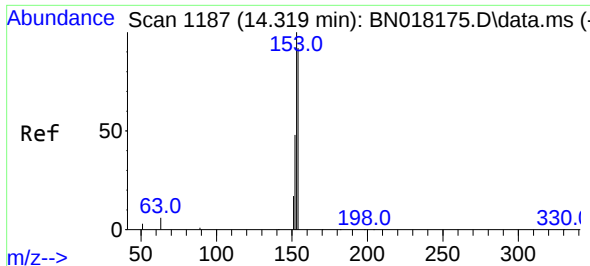
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#16
Acenaphthylene
Concen: 0.407 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.013 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

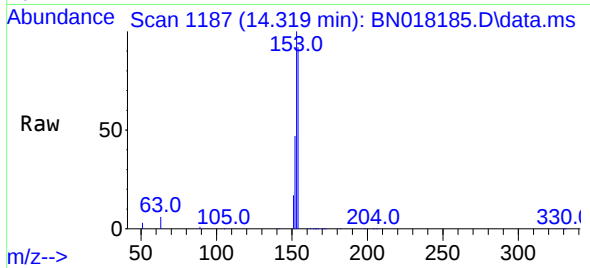
Tgt Ion:152 Resp: 94773
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 13.2 10.5 15.7





#17
Acenaphthene
Concen: 0.372 ng
RT: 14.319 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

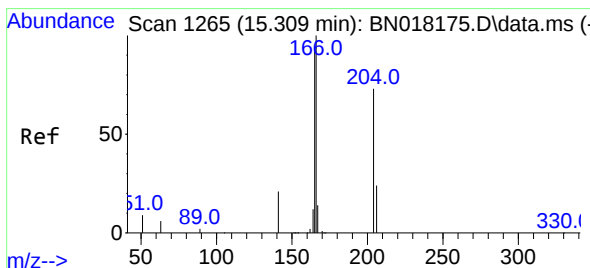
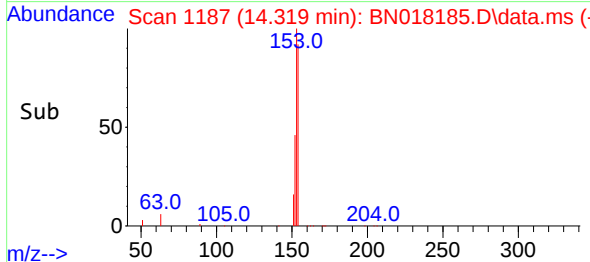
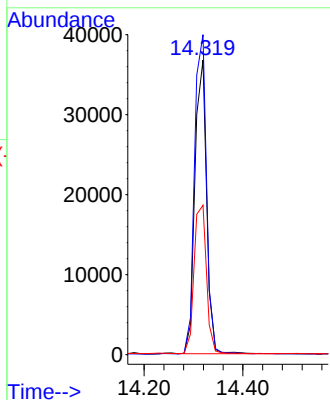
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:154 Resp: 60404
Ion Ratio Lower Upper
154 100
153 111.9 90.9 136.3
152 53.7 45.0 67.4

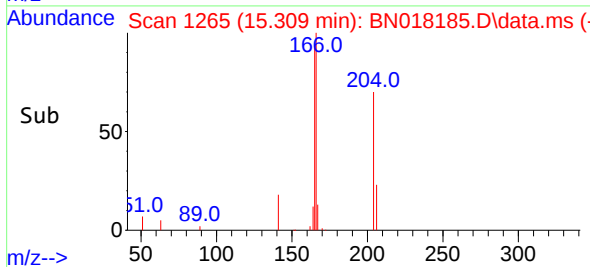
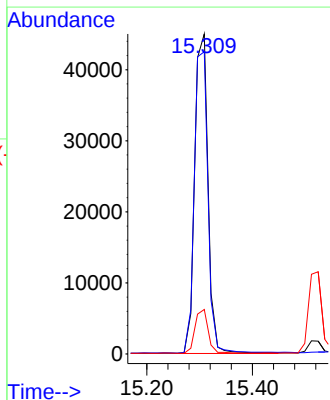
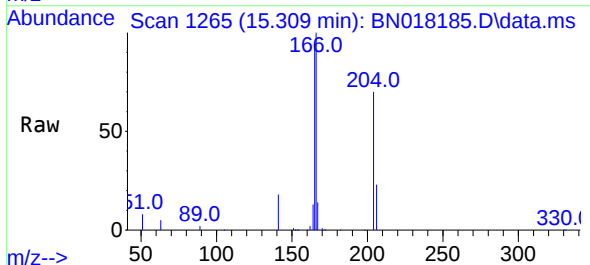
Manual Integrations
APPROVED

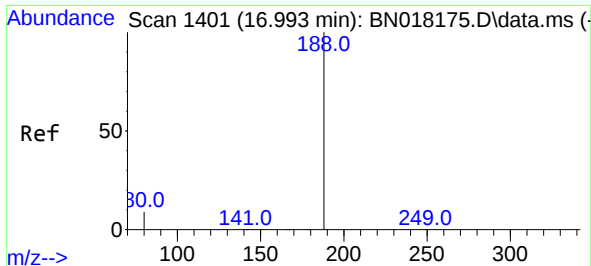
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#18
Fluorene
Concen: 0.394 ng m
RT: 15.309 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

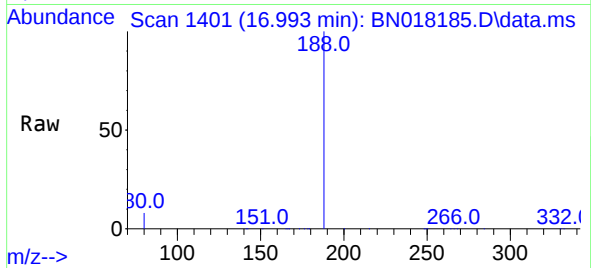
Tgt Ion:166 Resp: 78596
Ion Ratio Lower Upper
166 100
165 97.1 77.8 116.6
167 13.6 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

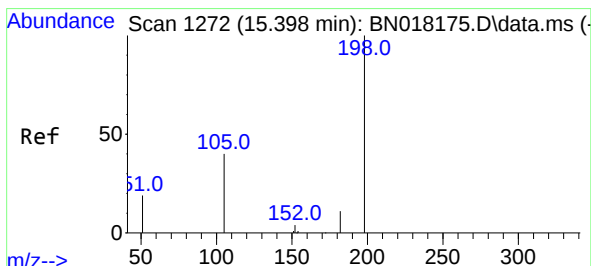
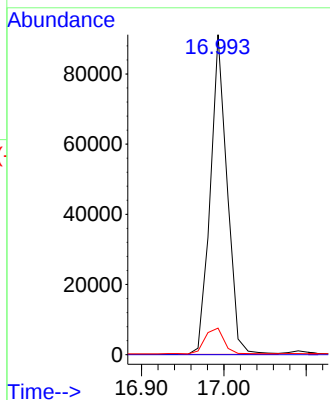
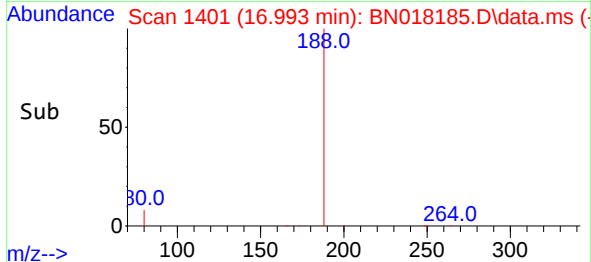
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



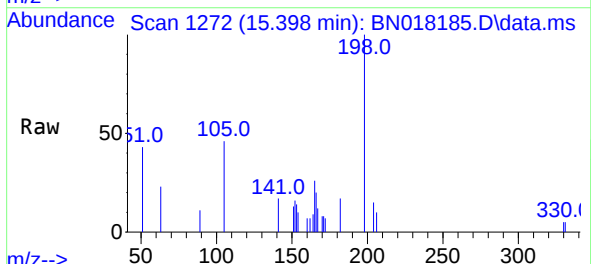
Tgt Ion:188 Resp: 129190
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.3 7.0 10.4

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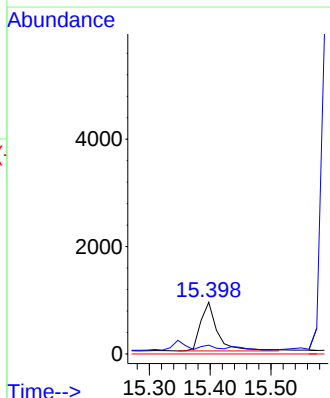
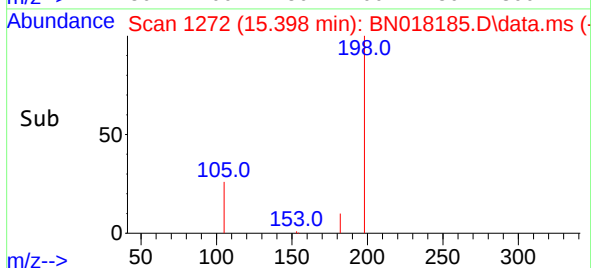
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

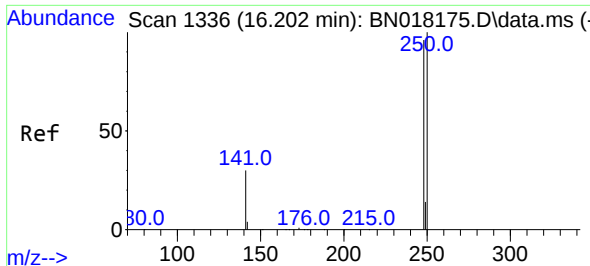


#20
4,6-Dinitro-2-methylphenol
Concen: 0.350 ng
RT: 15.398 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



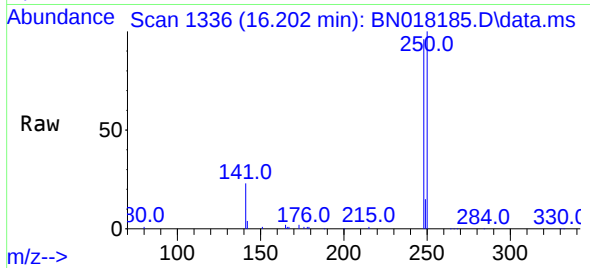
Tgt Ion:198 Resp: 1742
Ion Ratio Lower Upper
198 100
182 17.0 15.5 23.3
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.364 ng
RT: 16.202 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

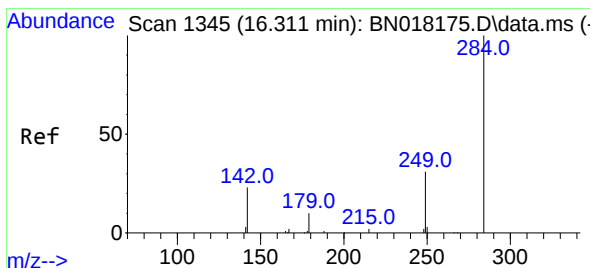
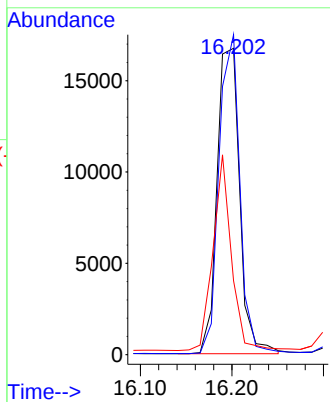
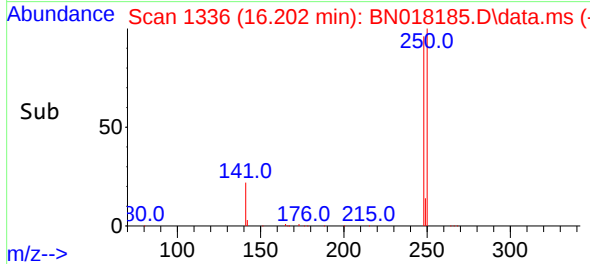
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



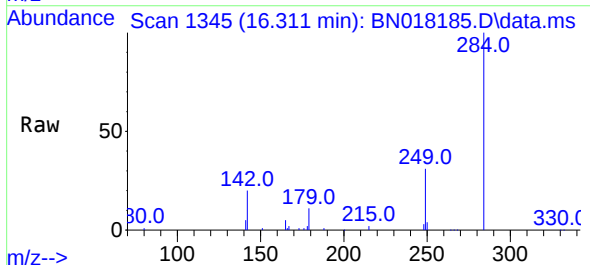
Tgt Ion:248 Resp: 2879
Ion Ratio Lower Upper
248 100
250 104.4 74.4 111.6
141 24.1 43.7 65.5

Manual Integrations
APPROVED

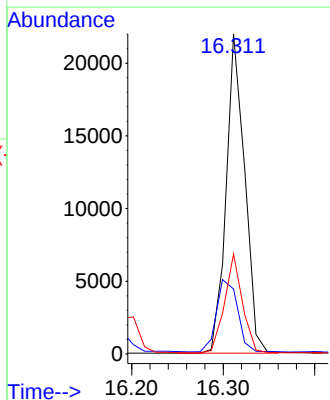
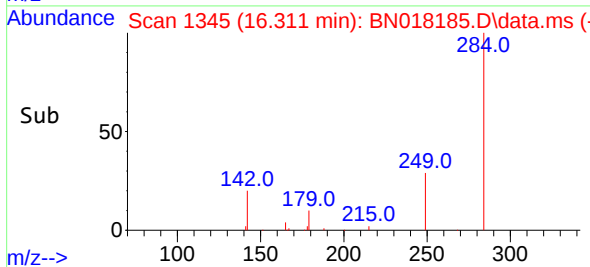
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

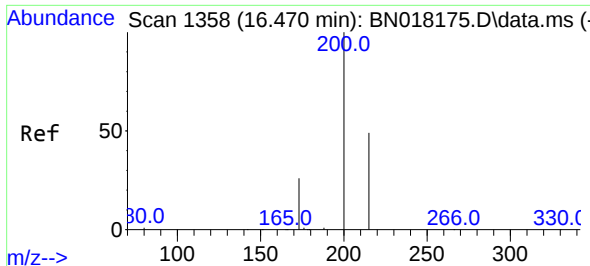


#22
Hexachlorobenzene
Concen: 0.331 ng
RT: 16.311 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



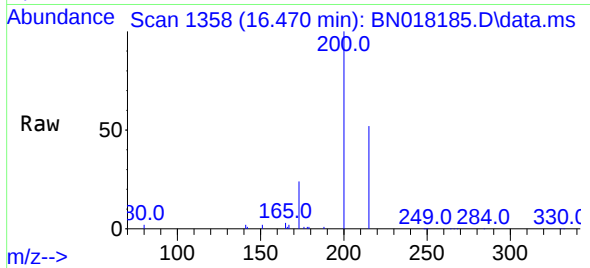
Tgt Ion:284 Resp: 30977
Ion Ratio Lower Upper
284 100
142 25.7 21.6 32.4
249 29.5 23.5 35.3





#23
Atrazine
Concen: 0.431 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

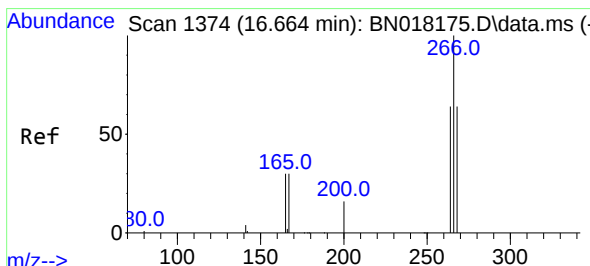
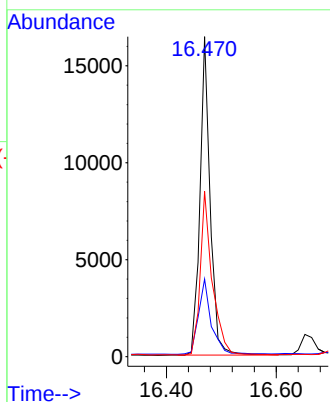
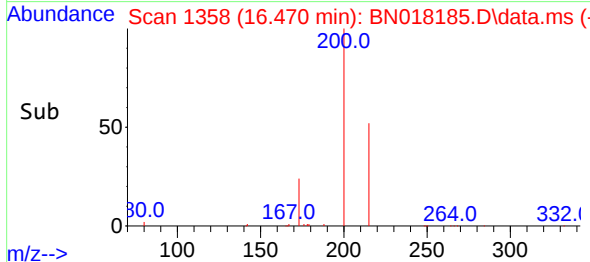
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



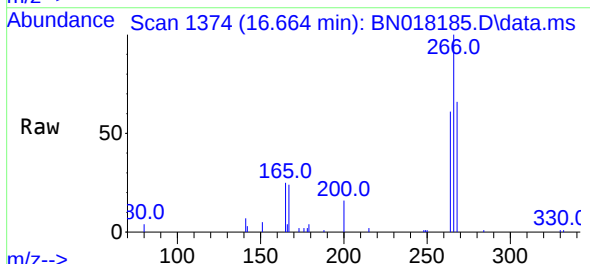
Tgt Ion:200 Resp: 21284
Ion Ratio Lower Upper
200 100
173 24.3 20.3 30.5
215 51.6 40.4 60.6

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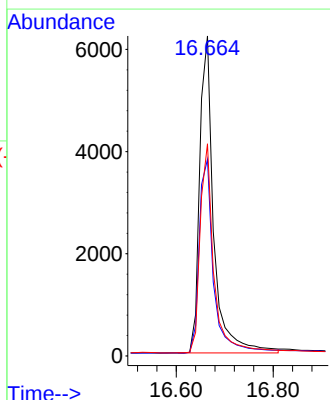
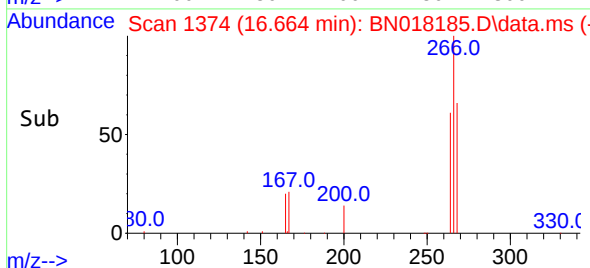
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

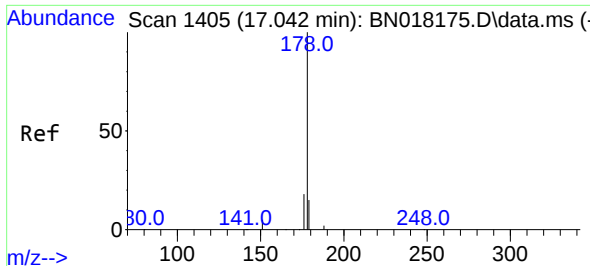


#24
Pentachlorophenol
Concen: 0.590 ng
RT: 16.664 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



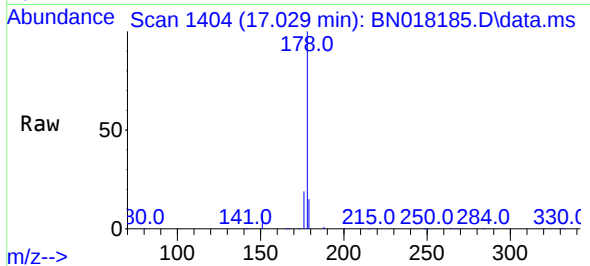
Tgt Ion:266 Resp: 12542
Ion Ratio Lower Upper
266 100
264 62.4 49.5 74.3
268 64.4 50.6 76.0





#25
Phenanthrene
Concen: 0.411 ng
RT: 17.029 min Scan# 1404
Delta R.T. -0.013 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

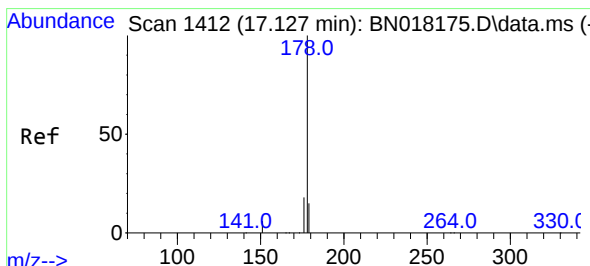
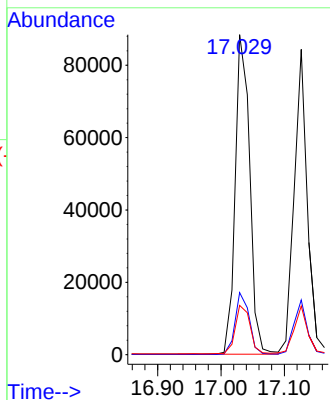
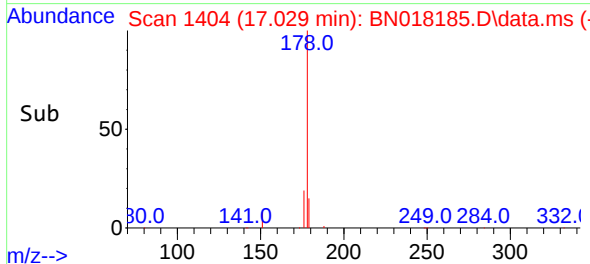
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:178 Resp: 140784
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.5 12.3 18.5

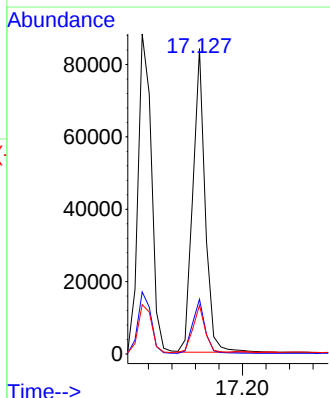
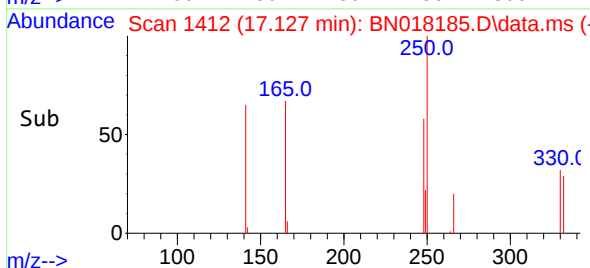
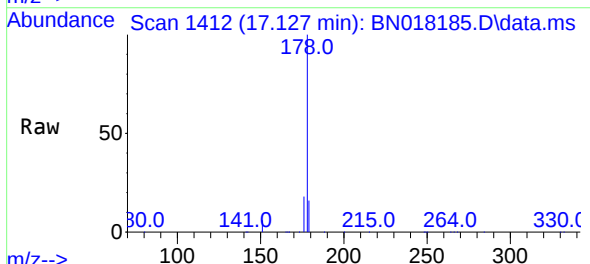
Manual Integrations
APPROVED

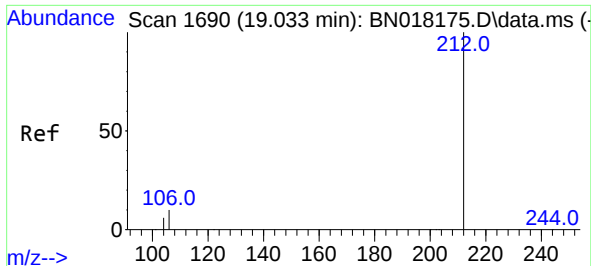
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#26
Anthracene
Concen: 0.433 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

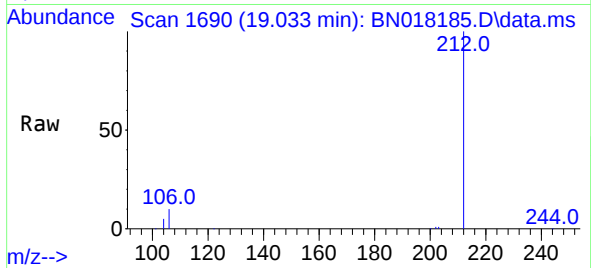
Tgt Ion:178 Resp: 122321
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.2 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.033 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

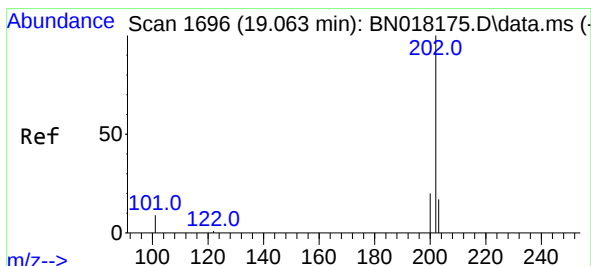
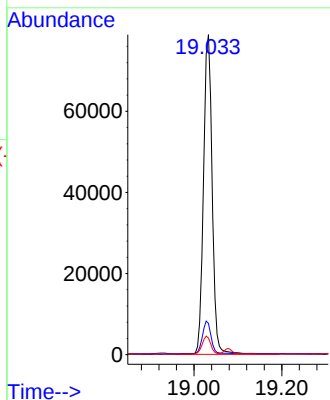
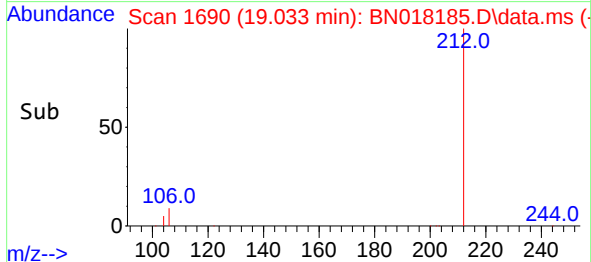
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



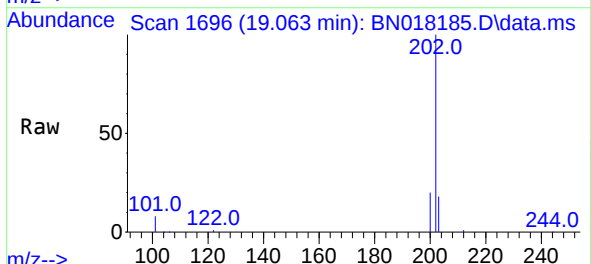
Tgt Ion:212 Resp: 107900
Ion Ratio Lower Upper
212 100
106 9.9 8.4 12.6
104 5.5 4.5 6.7

Manual Integrations
APPROVED

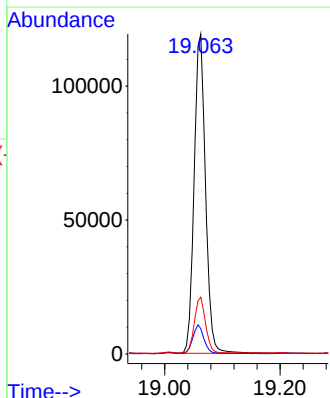
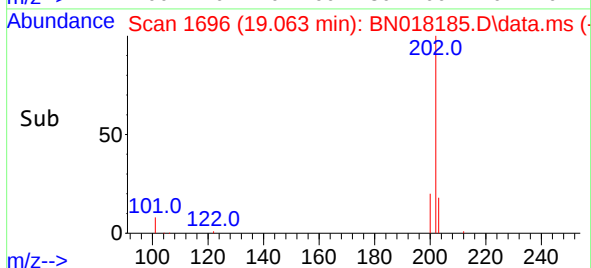
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

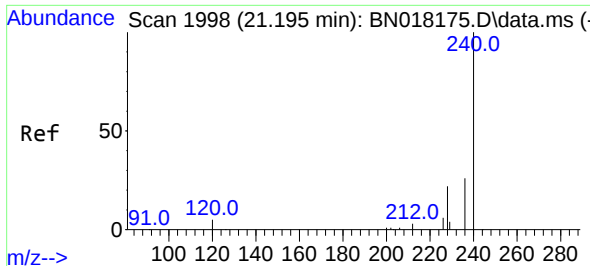


#28
Fluoranthene
Concen: 0.410 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



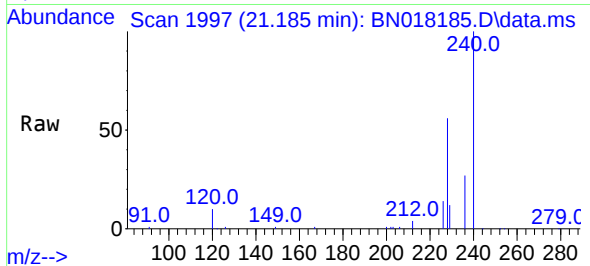
Tgt Ion:202 Resp: 164180
Ion Ratio Lower Upper
202 100
101 8.8 7.2 10.8
203 17.1 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1997
Delta R.T. -0.010 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

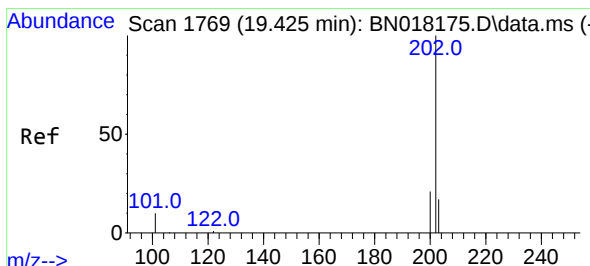
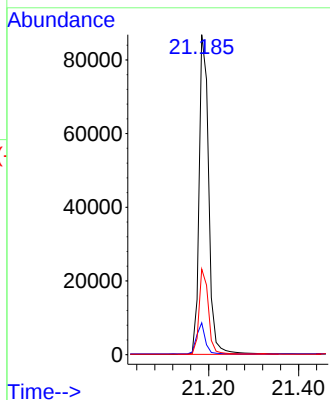
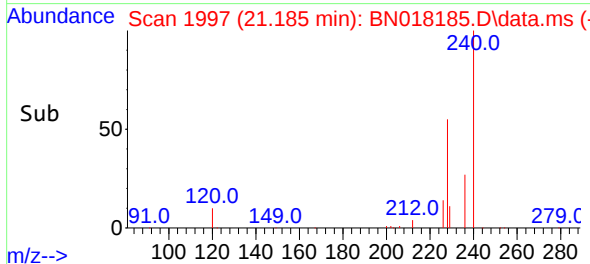
Instrument : BNA_N
ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



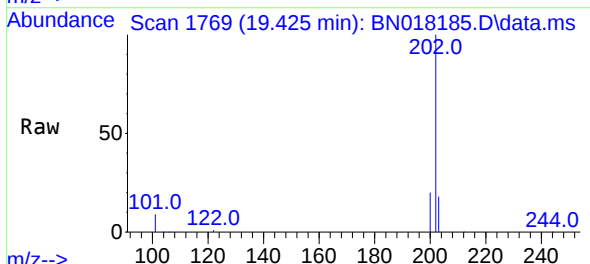
Tgt Ion:240 Resp: 128400
Ion Ratio Lower Upper
240 100
120 10.0 6.0 9.0
236 26.8 21.4 32.2

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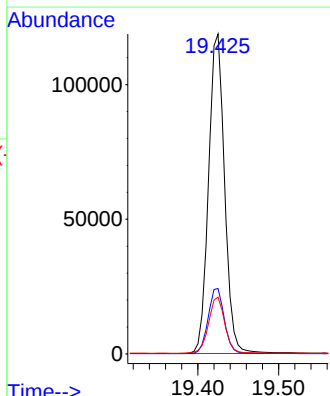
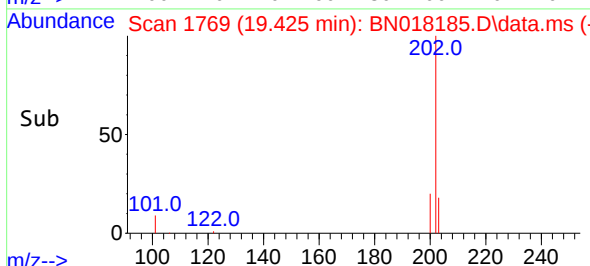
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

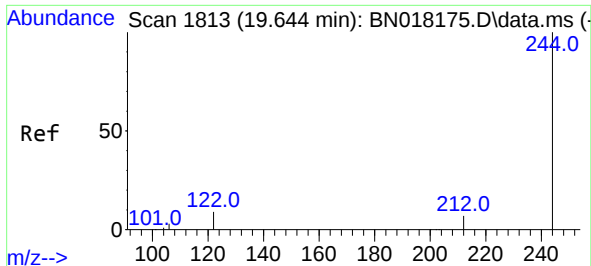


#30
Pyrene
Concen: 0.398 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



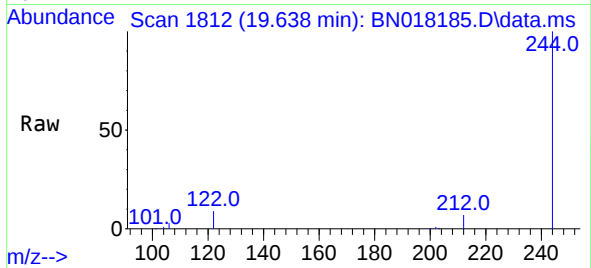
Tgt Ion:202 Resp: 164001
Ion Ratio Lower Upper
202 100
200 20.6 16.6 25.0
203 17.8 14.1 21.1





#31
 Terphenyl-d14
 Concen: 0.307 ng
 RT: 19.638 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BN018185.D
 Acq: 23 Dec 2021 17:13

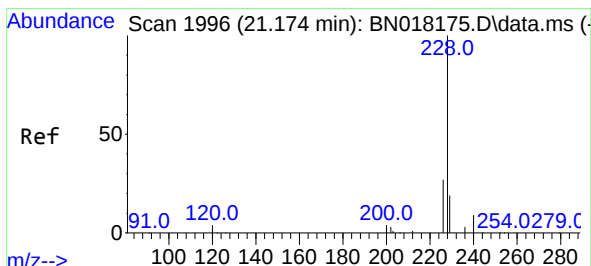
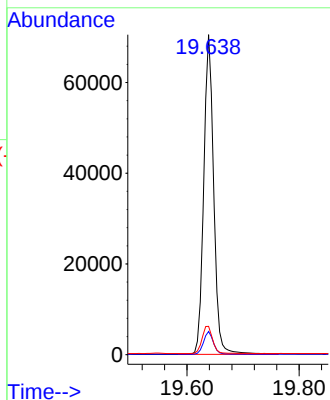
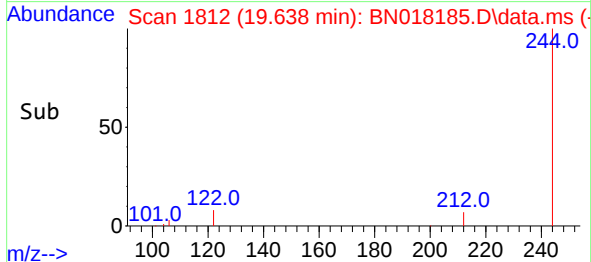
Instrument : BNA_N
 ClientSampleId : POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:244 Resp: 8664
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.9 7.9 11.9

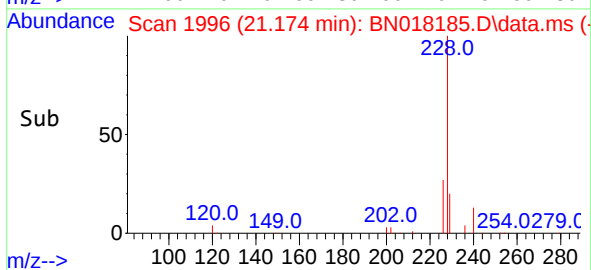
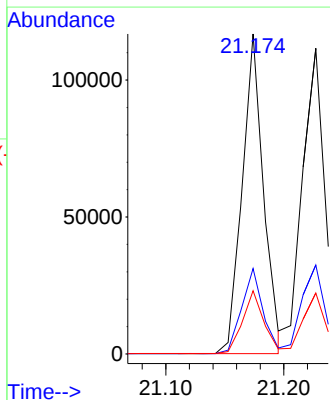
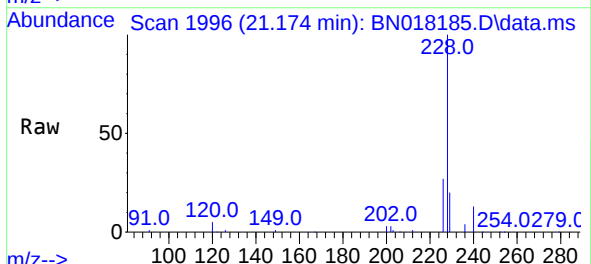
Manual Integrations
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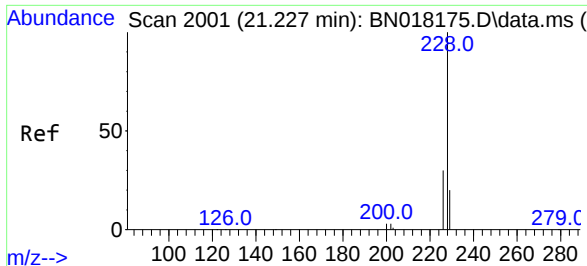
Reviewed By :Jagrut Upadhyay 12/27/2021
 Supervised By :mohammad ahmed 12/30/2021



#32
 Benzo(a)anthracene
 Concen: 0.394 ng
 RT: 21.174 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: BN018185.D
 Acq: 23 Dec 2021 17:13

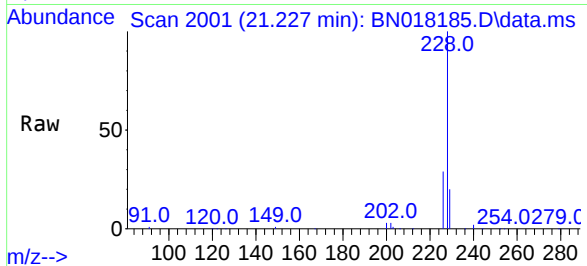
Tgt Ion:228 Resp: 146884
 Ion Ratio Lower Upper
 228 100
 226 26.7 21.3 31.9
 229 19.7 15.9 23.9





#33
Chrysene
Concen: 0.377 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

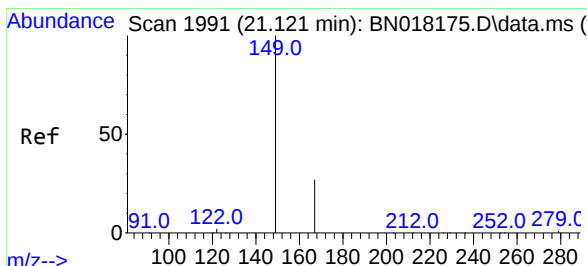
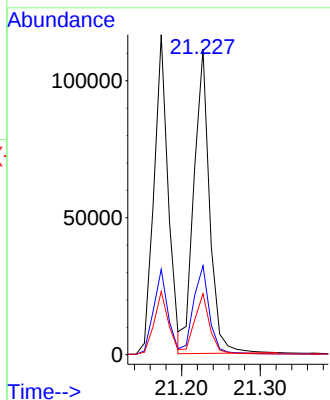
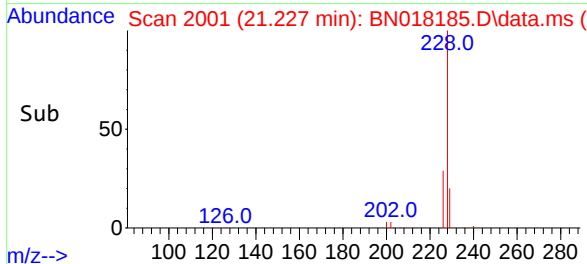
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



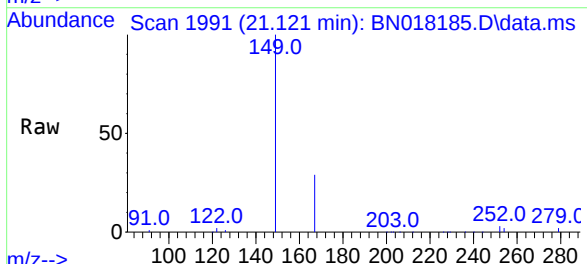
Tgt Ion:228 Resp: 15351
Ion Ratio Lower Upper
228 100
226 29.1 24.2 36.4
229 19.9 15.5 23.3

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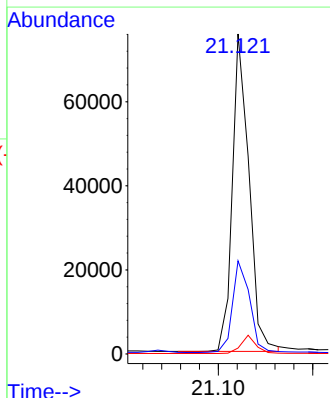
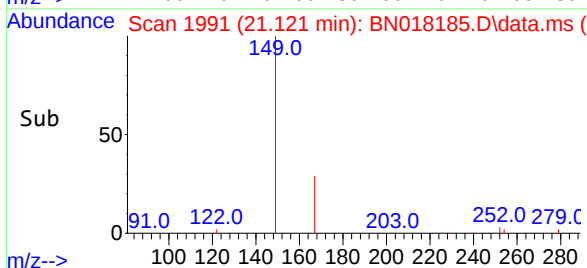
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021

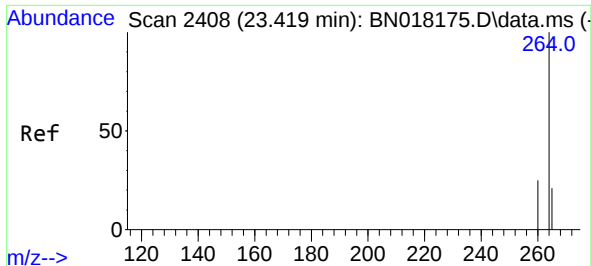


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.707 ng
RT: 21.121 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13



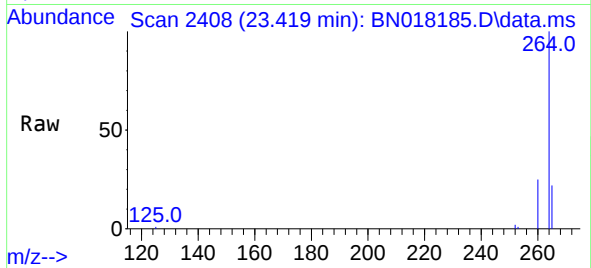
Tgt Ion:149 Resp: 92170
Ion Ratio Lower Upper
149 100
167 29.8 23.7 35.5
279 5.2 3.6 5.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.419 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

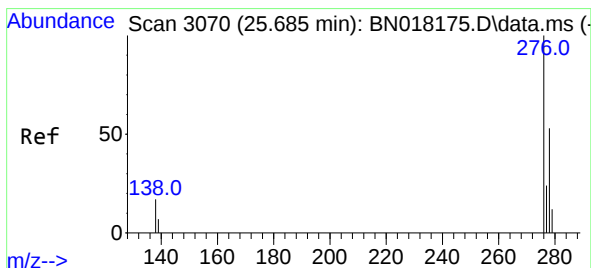
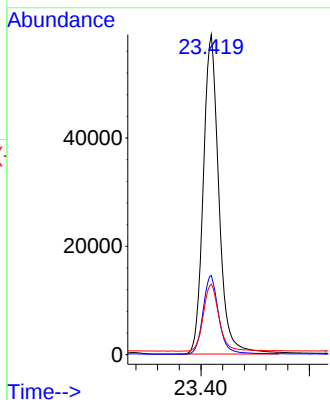
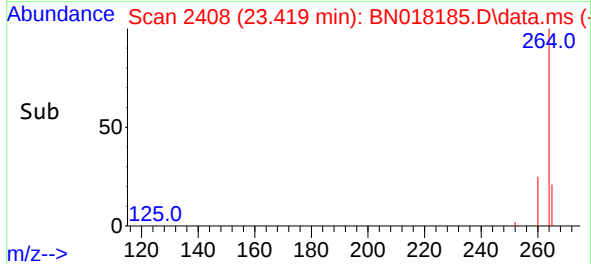
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:264 Resp: 11811
Ion Ratio Lower Upper
264 100
260 24.7 20.2 30.4
265 22.1 18.2 27.2

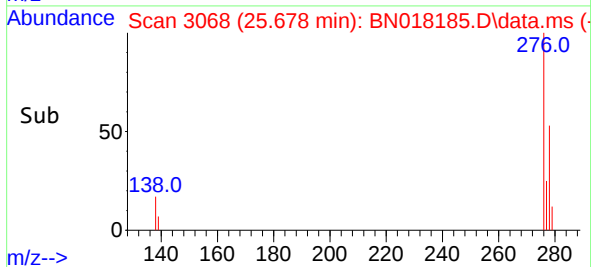
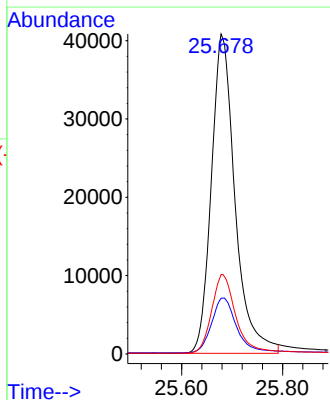
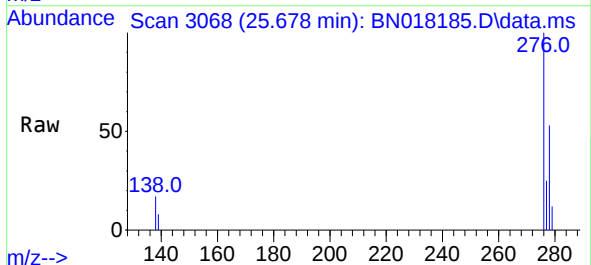
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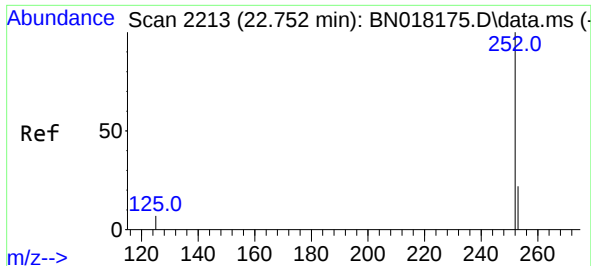
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng
RT: 25.678 min Scan# 3068
Delta R.T. -0.007 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

Tgt Ion:276 Resp: 132778
Ion Ratio Lower Upper
276 100
138 18.2 14.9 22.3
277 25.0 19.9 29.9





#37

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 22.748 min Scan# 21

Delta R.T. -0.004 min

Lab File: BN018185.D

Acq: 23 Dec 2021 17:13

Instrument :

BNA_N

ClientSampleId :

POST-EXCAVATION-BOTTOM-EASTMS

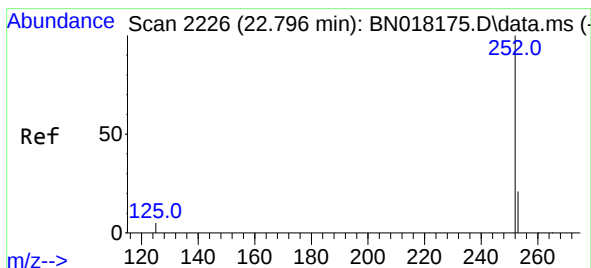
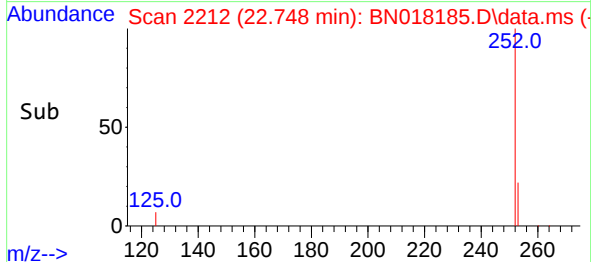
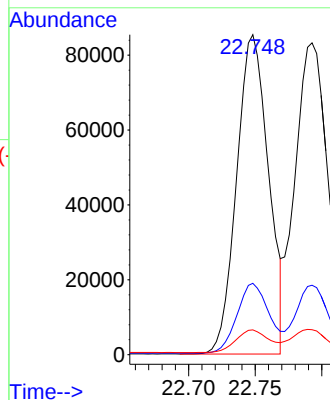
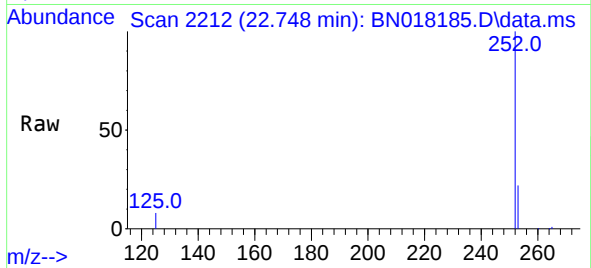
Tgt Ion:252 Resp: 14189

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.8	6.0	9.0

Manual Integrations

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



#38

Benzo(k)fluoranthene

Concen: 0.385 ng

RT: 22.793 min Scan# 2225

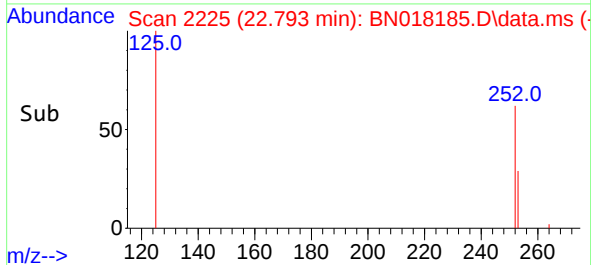
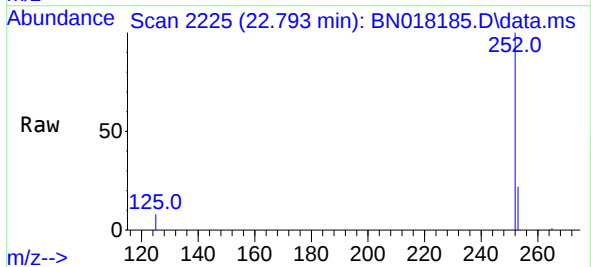
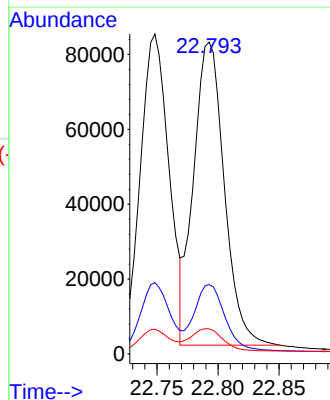
Delta R.T. -0.003 min

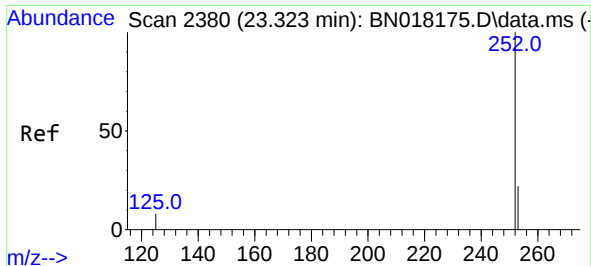
Lab File: BN018185.D

Acq: 23 Dec 2021 17:13

Tgt Ion:252 Resp: 141648

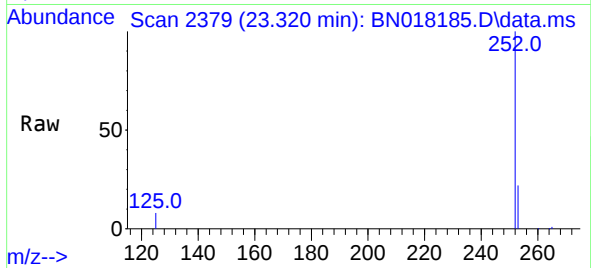
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.0	6.2	9.2





#39
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.320 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

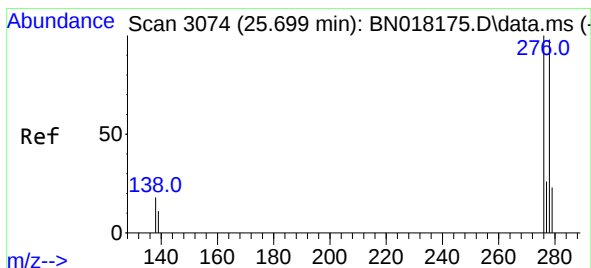
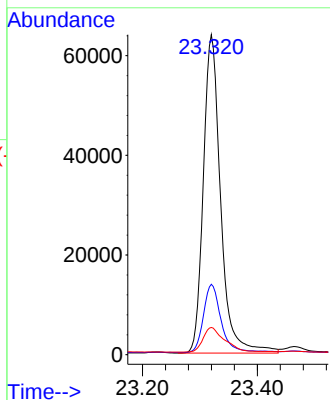
Instrument :
BNA_N
ClientSampleId :
POST-EXCAVATION-BOTTOM-EASTMS



Tgt Ion:252 Resp: 13391
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 8.5 7.0 10.4

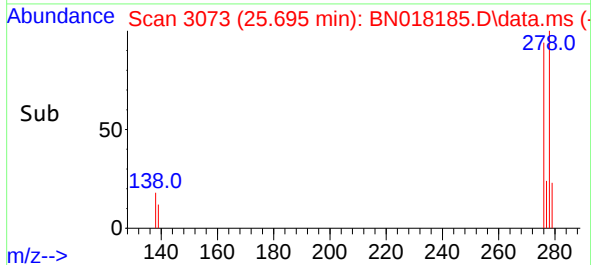
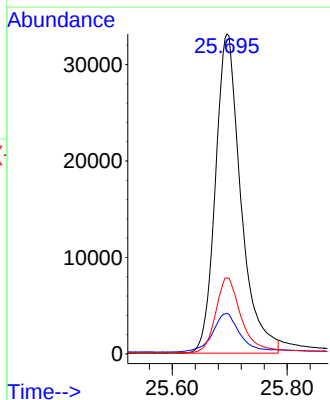
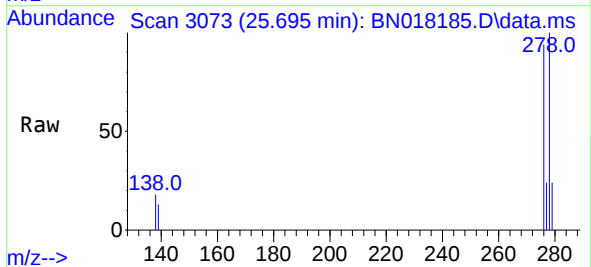
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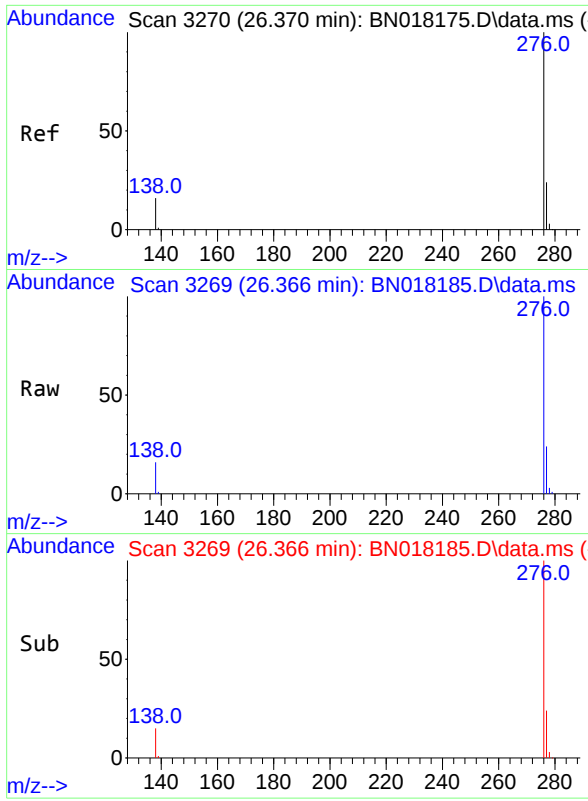
Reviewed By :Jagrut Upadhyay 12/27/2021
Supervised By :mohammad ahmed 12/30/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.379 ng
RT: 25.695 min Scan# 3073
Delta R.T. -0.004 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

Tgt Ion:278 Resp: 101928
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 23.7 19.0 28.4





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 26.366 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN018185.D
Acq: 23 Dec 2021 17:13

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

Tgt Ion:	276	Resp:	123469
Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	15.8	12.6	19.0

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

