

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
 Data File : BN017555.D
 Acq On : 22 Nov 2021 21:22
 Operator : CG/JU
 Sample : M4801-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SITE-1-DRILL-CUTTINGS-20211119MS

Quant Time: Nov 23 02:40:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 14:57:14 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/24/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	29743	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	137622	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	73084	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	139661	0.400	ng	0.00
29) Chrysene-d12	21.409	240	117259	0.400	ng	# 0.00
35) Perylene-d12	23.777	264	104413	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.477	112	25055	0.340	ng	0.03
5) Phenol-d6	7.035	99	29614	0.356	ng	0.00
8) Nitrobenzene-d5	9.001	82	30764	0.339	ng	-0.01
11) 2-Methylnaphthalene-d10	12.240	152	83768m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	7491	0.334	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	86540	0.318	ng	0.00
27) Fluoranthene-d10	19.258	212	134326	0.313	ng	0.00
31) Terphenyl-d14	19.859	244	87244	0.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.421	88	9352m	0.656	ng	
3) n-Nitrosodimethylamine	3.725	42	12272	0.418	ng	# 89
6) bis(2-Chloroethyl)ether	7.284	93	36534	0.430	ng	96
9) Naphthalene	10.700	128	139566	0.400	ng	100
10) Hexachlorobutadiene	11.004	225	27298	0.396	ng	# 99
12) 2-Methylnaphthalene	12.311	142	94073	0.419	ng	98
16) Acenaphthylene	14.194	152	130288	0.447	ng	99
17) Acenaphthene	14.537	154	82108	0.408	ng	99
18) Fluorene	15.526	166	102928	0.424	ng	100
20) 4,6-Dinitro-2-methylph...	15.602	198	1726	0.385	ng	97
21) 4-Bromophenyl-phenylether	16.423	248	36099	0.471	ng	# 70
22) Hexachlorobenzene	16.544	284	32658	0.394	ng	94
23) Atrazine	16.678	200	29020	0.571	ng	# 88
24) Pentachlorophenol	16.873	266	3276	0.288	ng	99
25) Phenanthrene	17.262	178	200491	0.513	ng	99
26) Anthracene	17.360	178	160598	0.481	ng	100
28) Fluoranthene	19.288	202	256604	0.594	ng	100
30) Pyrene	19.645	202	247407	0.624	ng	98
32) Benzo(a)anthracene	21.399	228	203219	0.557	ng	99
33) Chrysene	21.452	228	194354	0.499	ng	99
34) Bis(2-ethylhexyl)phtha...	21.335	149	172916	0.992	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.221	276	148766	0.467	ng	97
37) Benzo(b)fluoranthene	23.062	252	201013	0.529	ng	98
38) Benzo(k)fluoranthene	23.109	252	164713	0.447	ng	98
39) Benzo(a)pyrene	23.674	252	168193	0.537	ng	99
40) Dibenzo(a,h)anthracene	26.238	278	109078	0.417	ng	# 96
41) Benzo(g,h,i)perylene	26.967	276	130001	0.476	ng	97

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

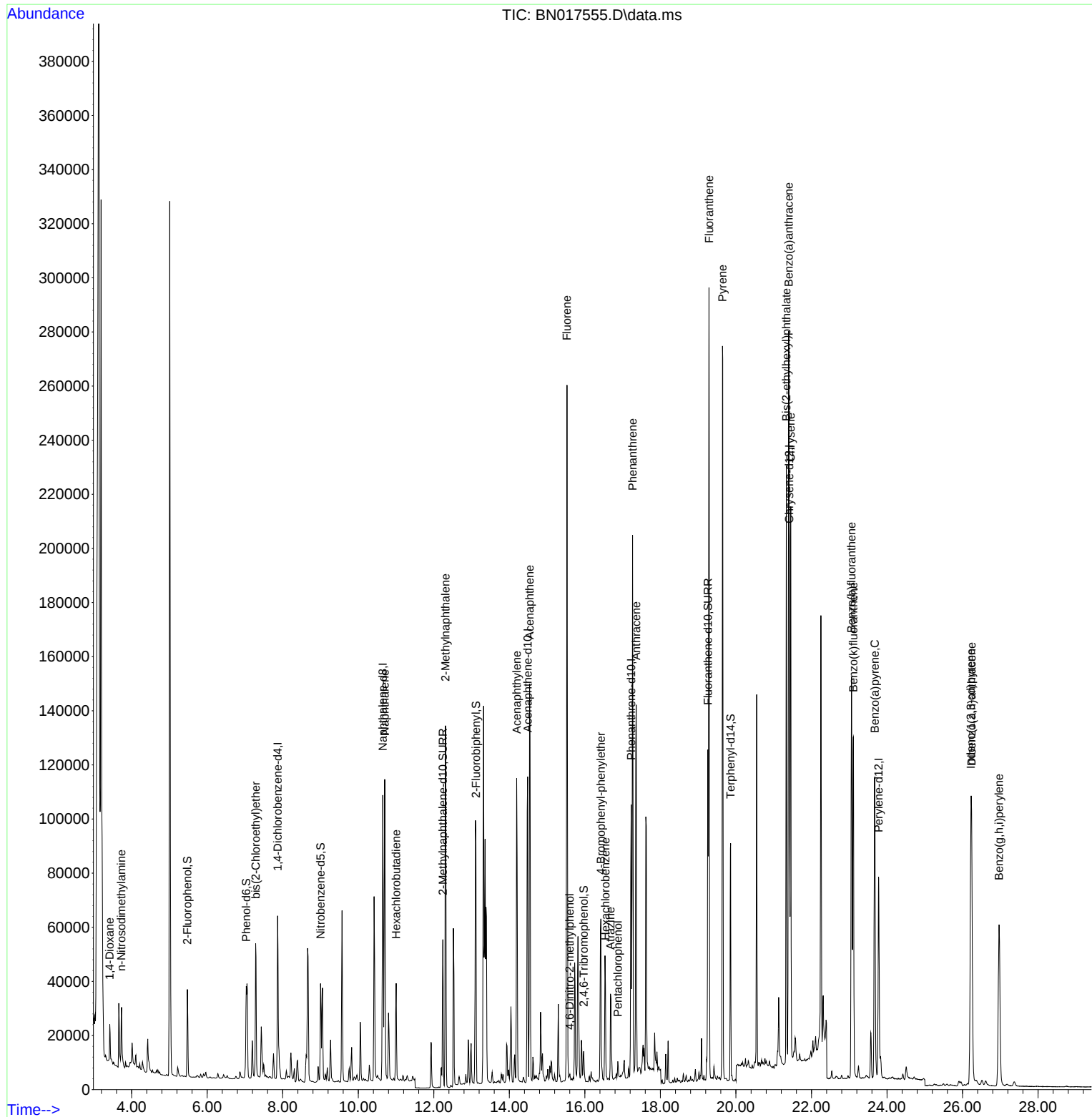
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
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Acq On : 22 Nov 2021 21:22
Operator : CG/JU
Sample : M4801-01MS
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ALS Vial : 10 Sample Multiplier: 1

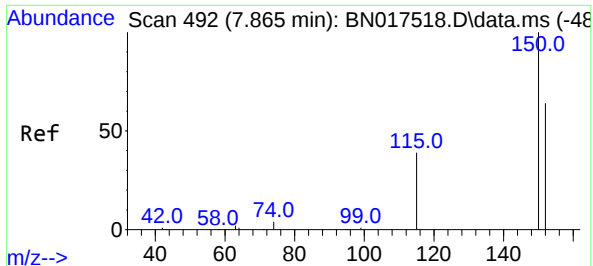
Instrument :
BNA_N
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SITE-1-DRILL-CUTTINGS-20211119MS

Quant Time: Nov 23 02:40:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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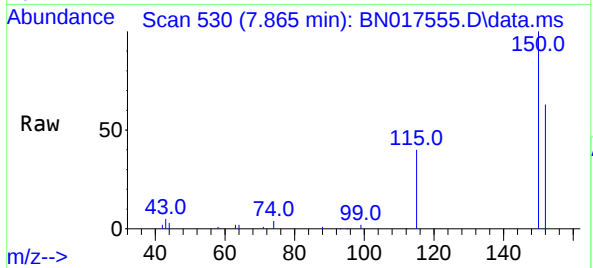
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

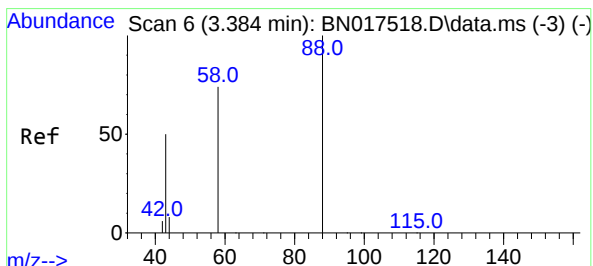
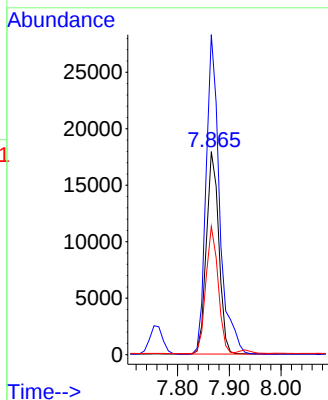
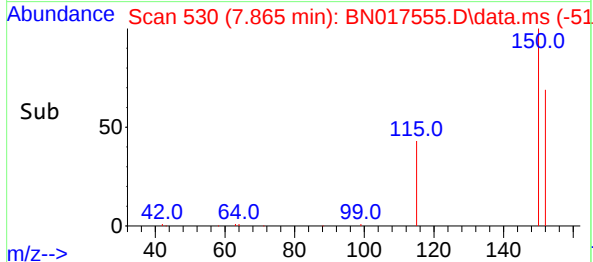
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



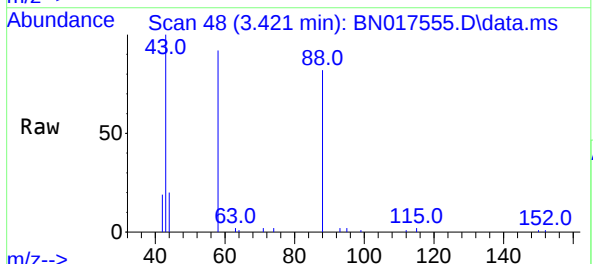
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Ion Ratio Lower Upper
152 100
150 157.6 123.0 184.4
115 63.1 45.6 68.4

Manual Integrations
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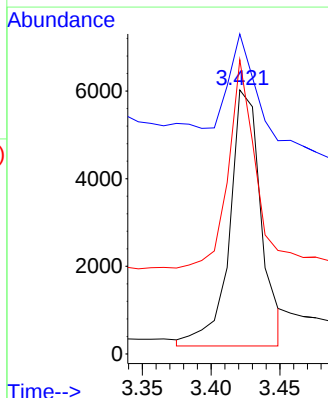
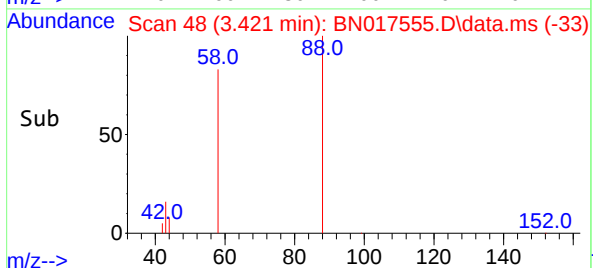
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Supervised By :mohammad ahmed 11/24/2021

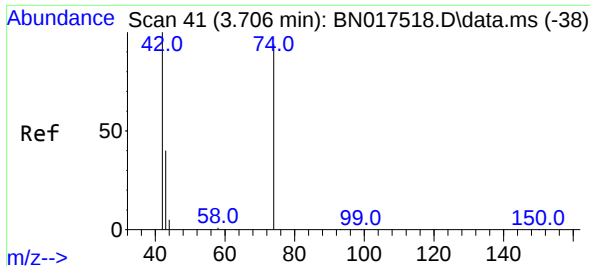


#2
1,4-Dioxane
Concen: 0.656 ng m
RT: 3.421 min Scan# 48
Delta R.T. 0.037 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



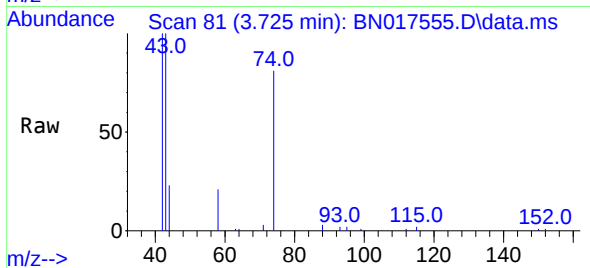
Tgt Ion: 88 Resp: 9352
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 63.0 94.6#





#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.725 min Scan# 81
Delta R.T. 0.019 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

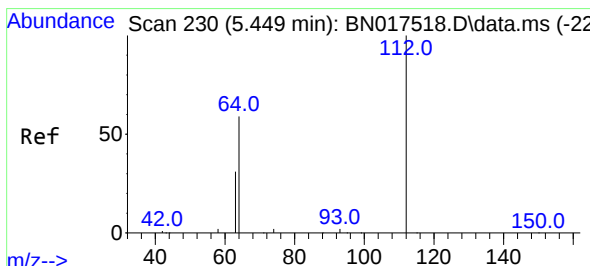
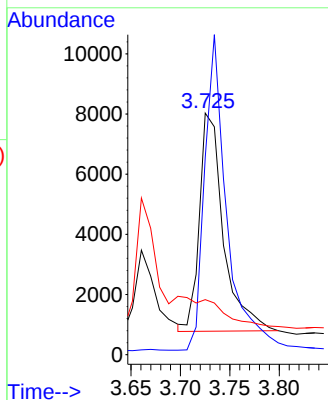
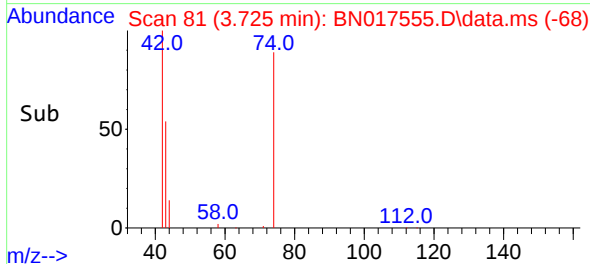
Instrument :
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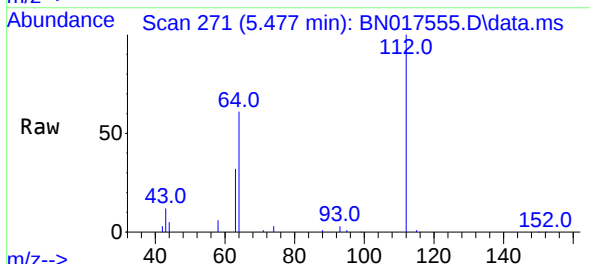
Tgt Ion: 42 Resp: 12272
Ion Ratio Lower Upper
42 100
74 133.7 97.8 146.6
44 0.0 5.5 8.3

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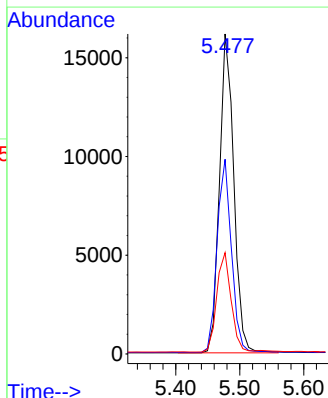
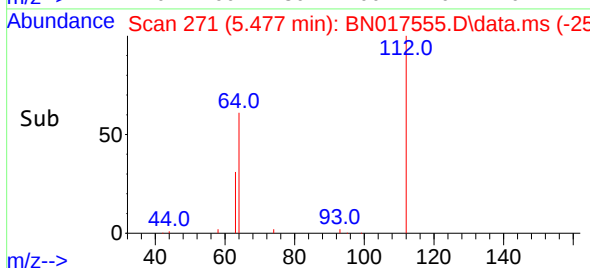
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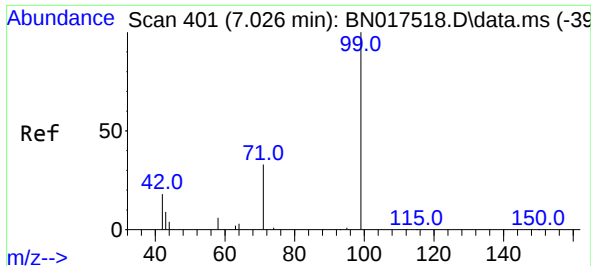


#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.477 min Scan# 271
Delta R.T. 0.028 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



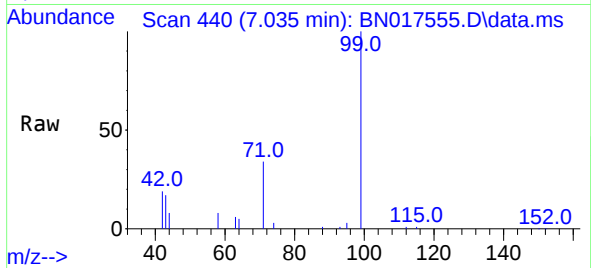
Tgt Ion:112 Resp: 25055
Ion Ratio Lower Upper
112 100
64 60.6 47.6 71.4
63 31.3 24.6 37.0





#5
Phenol-d6
Concen: 0.356 ng
RT: 7.035 min Scan# 440
Delta R.T. 0.009 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

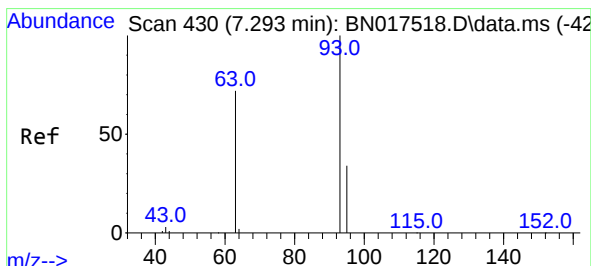
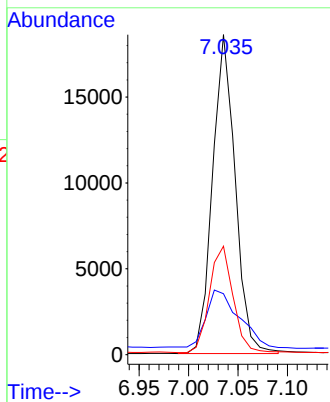
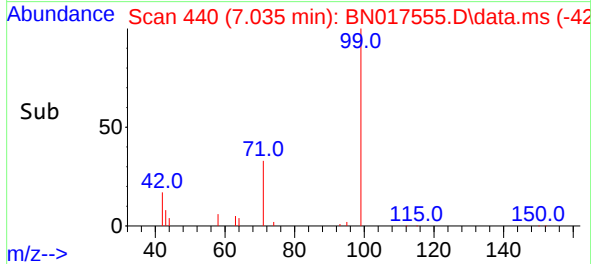
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion: 99 Resp: 29614
Ion Ratio Lower Upper
99 100
42 25.9 17.0 25.6
71 34.5 24.8 37.2

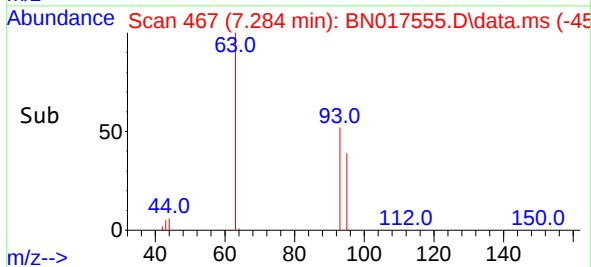
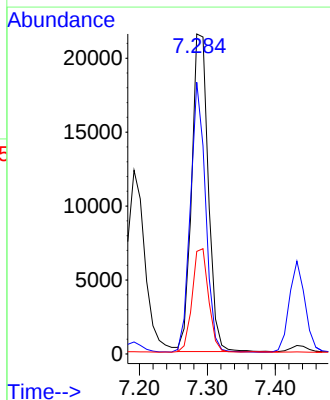
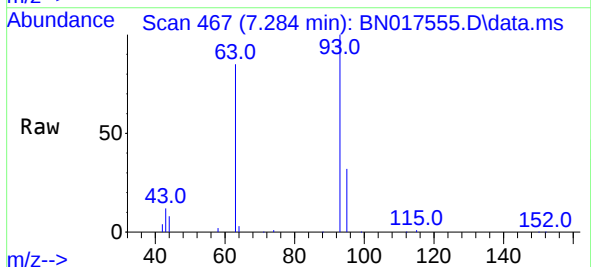
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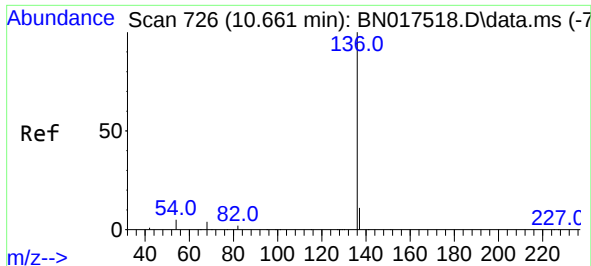
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Supervised By :mohammad ahmed 11/24/2021



#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.284 min Scan# 467
Delta R.T. -0.009 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Tgt Ion: 93 Resp: 36534
Ion Ratio Lower Upper
93 100
63 77.4 65.8 98.6
95 32.2 26.6 39.8





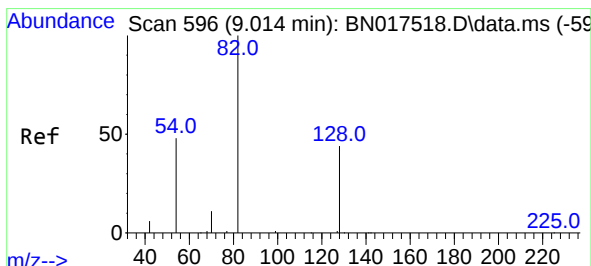
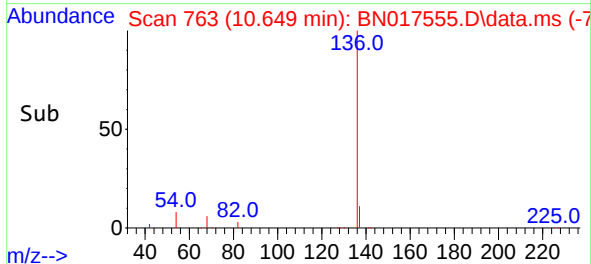
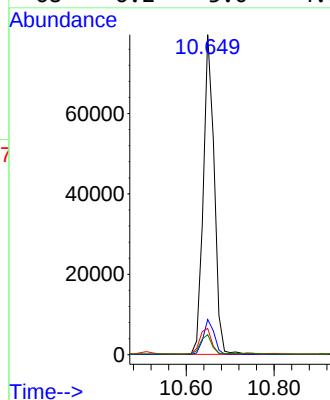
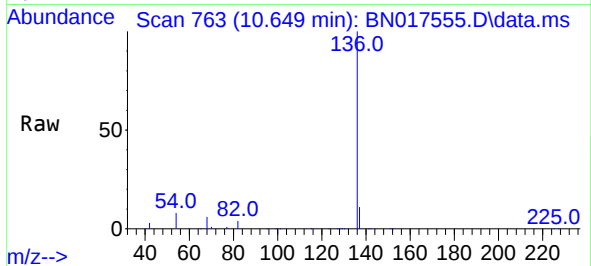
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 70
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Instrument :
BNA_N
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SITE-1-DRILL-CUTTINGS-20211119MS

Tgt Ion:136 Resp: 13762
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.2 4.0 6.0
68 6.2 3.0 4.6

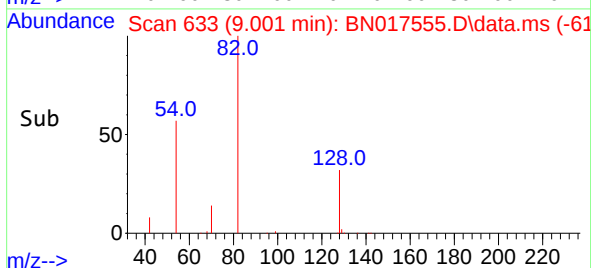
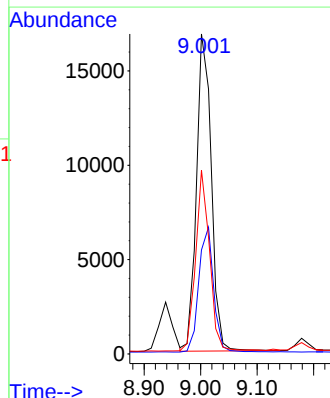
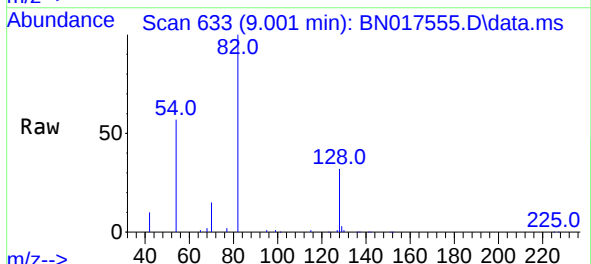
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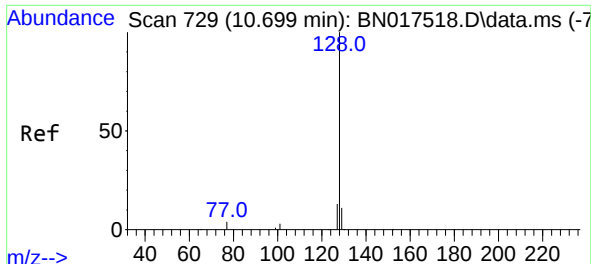
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.001 min Scan# 633
Delta R.T. -0.013 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

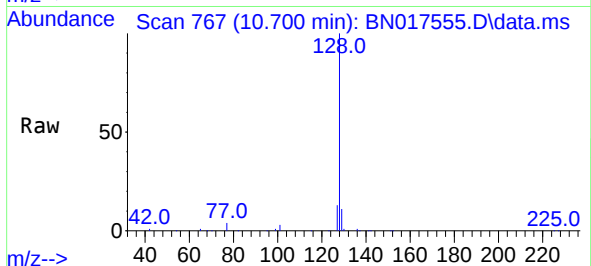
Tgt Ion: 82 Resp: 30764
Ion Ratio Lower Upper
82 100
128 32.5 27.7 41.5
54 57.4 49.2 73.8





#9
Naphthalene
Concen: 0.400 ng
RT: 10.700 min Scan# 709
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

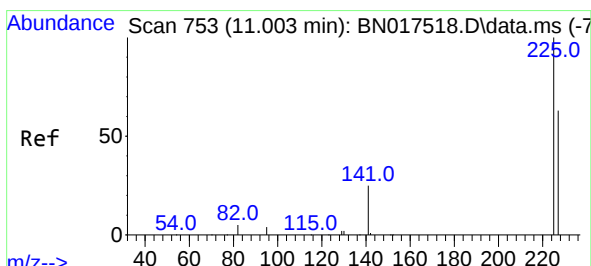
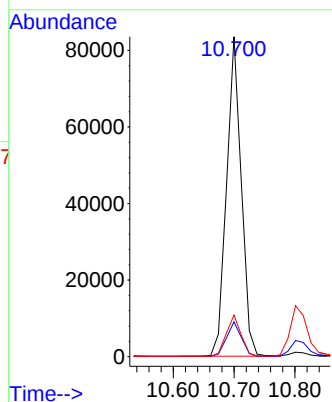
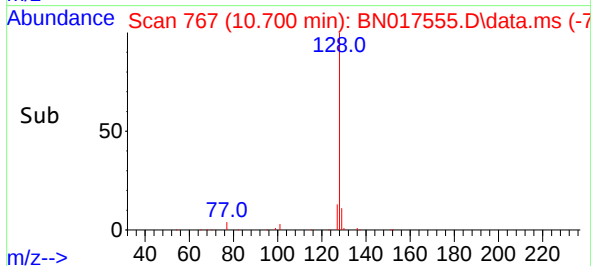
Instrument :
BNA_N
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SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:128 Resp: 139560
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.0 10.6 15.8

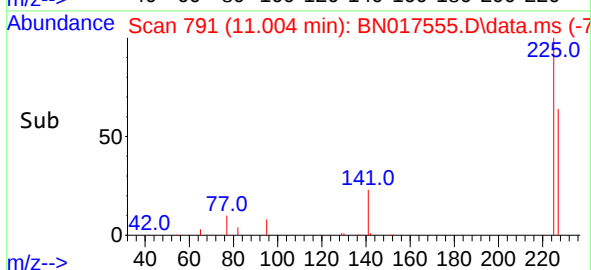
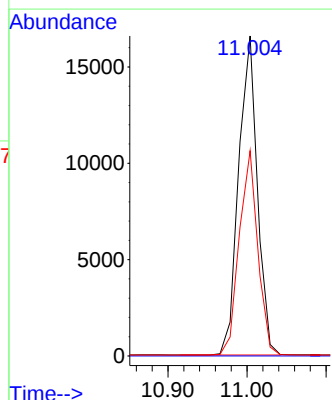
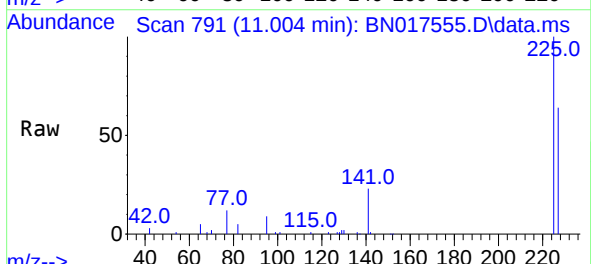
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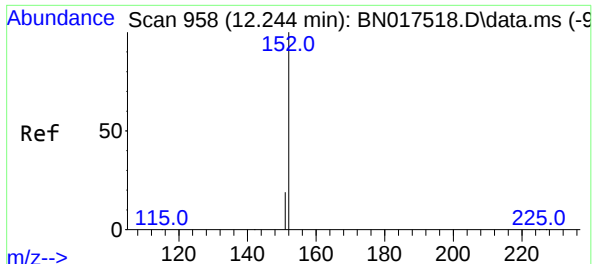
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#10
Hexachlorobutadiene
Concen: 0.396 ng
RT: 11.004 min Scan# 791
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

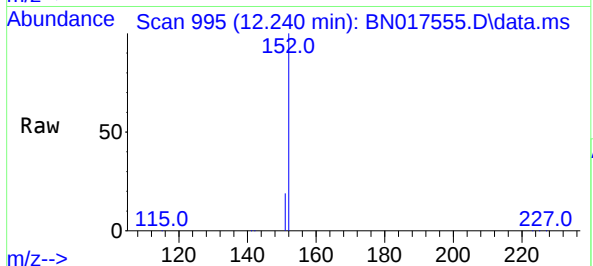
Tgt Ion:225 Resp: 27298
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.4 51.1 76.7





#11
2-Methylnaphthalene-d10
Concen: 0.365 ng m
RT: 12.240 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

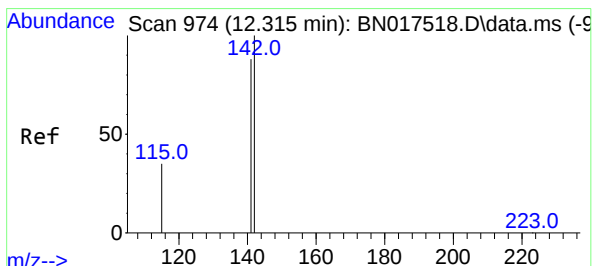
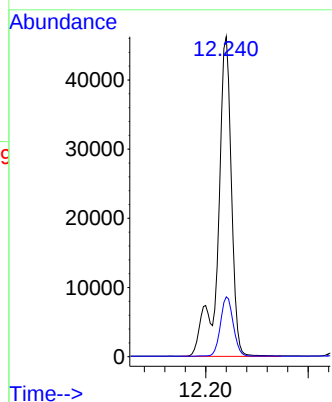
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:152 Resp: 8376
Ion Ratio Lower Upper
152 100
151 17.8 16.2 24.4

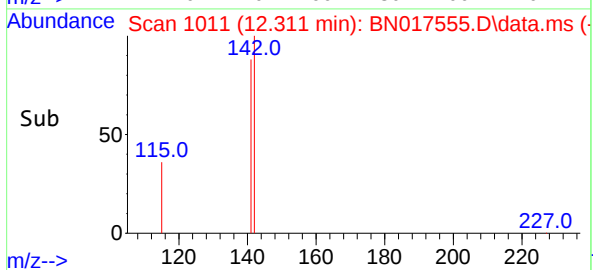
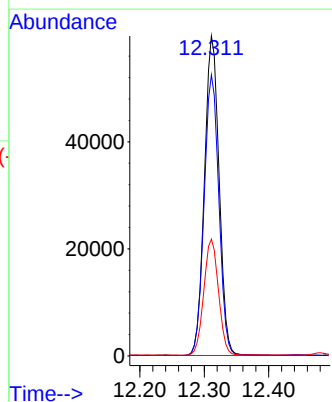
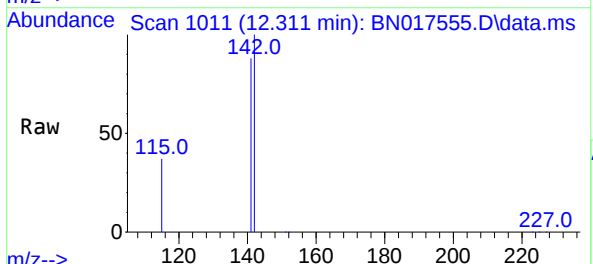
Manual Integrations
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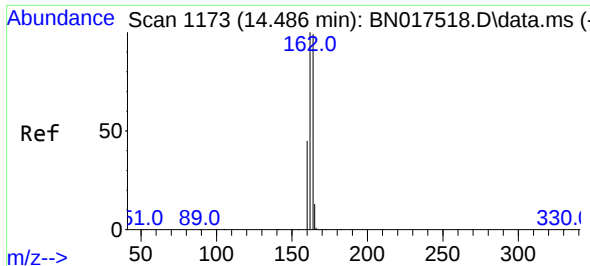
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 12.311 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

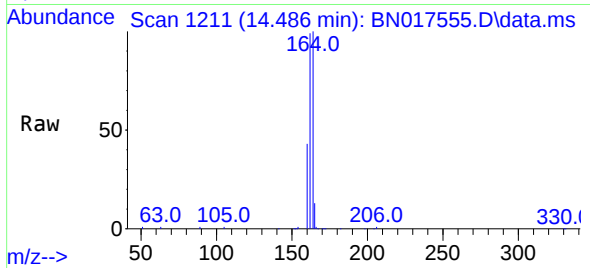
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Ion Ratio Lower Upper
142 100
141 87.8 70.6 106.0
115 36.5 25.8 38.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

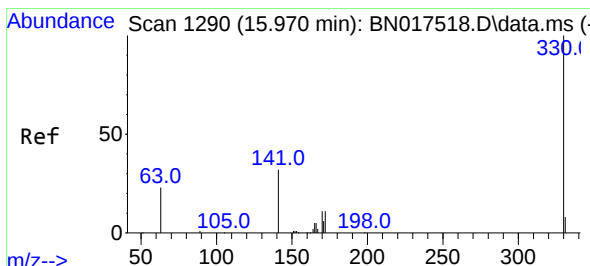
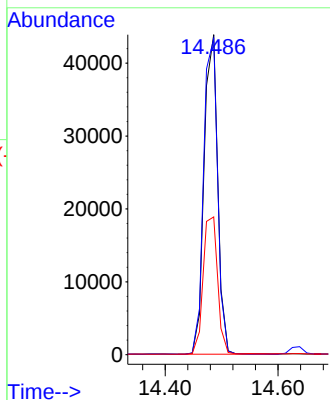
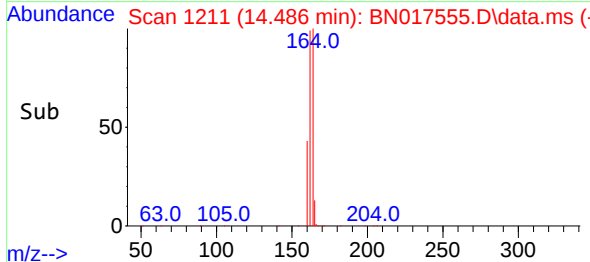
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:164 Resp: 73084
Ion Ratio Lower Upper
164 100
162 98.8 81.4 122.2
160 43.0 36.8 55.2

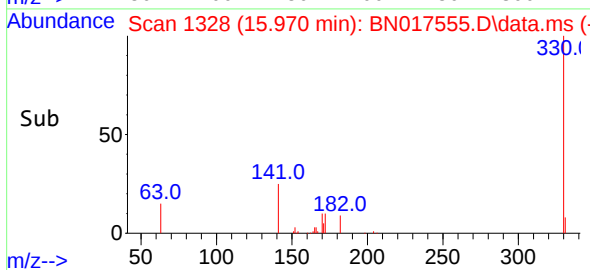
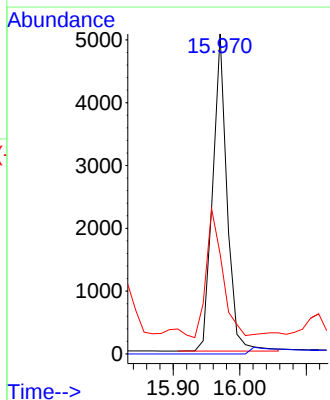
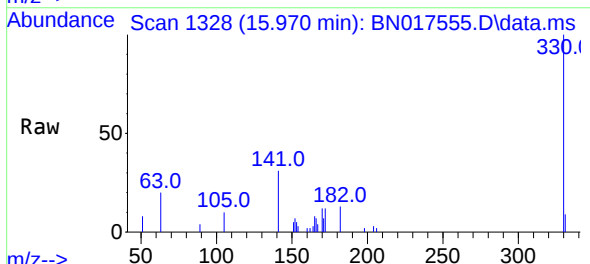
Manual Integrations
APPROVED

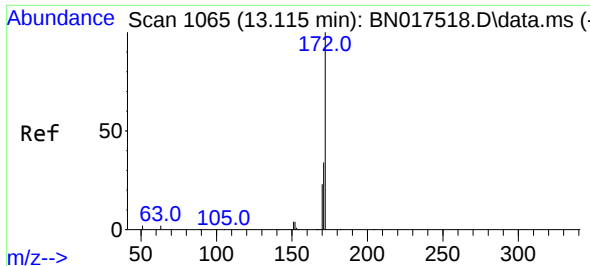
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.970 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

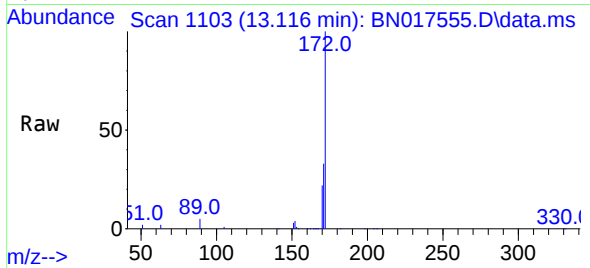
Tgt Ion:330 Resp: 7491
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.4 28.9 43.3#





#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 13.116 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

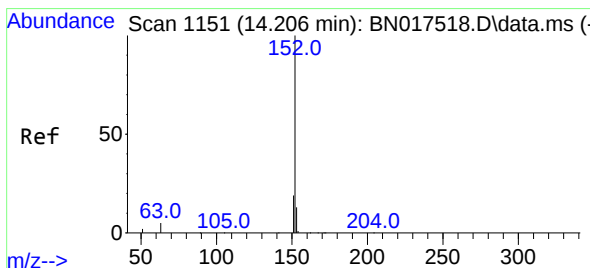
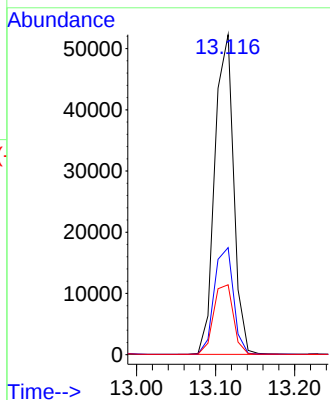
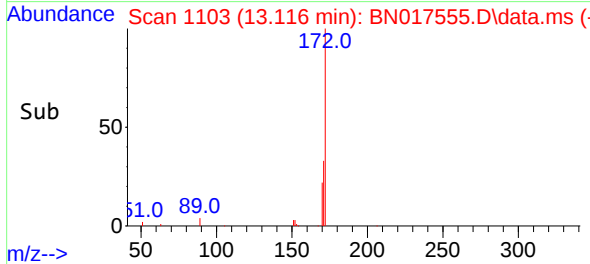
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:172 Resp: 86540
Ion Ratio Lower Upper
172 100
171 33.5 28.7 43.1
170 21.9 19.4 29.2

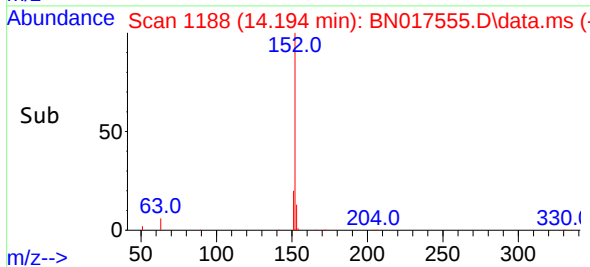
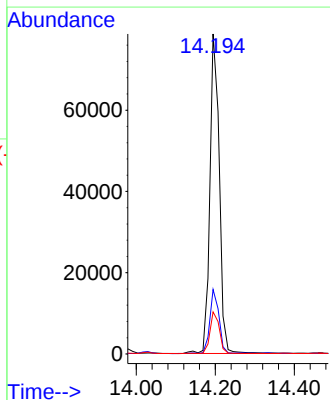
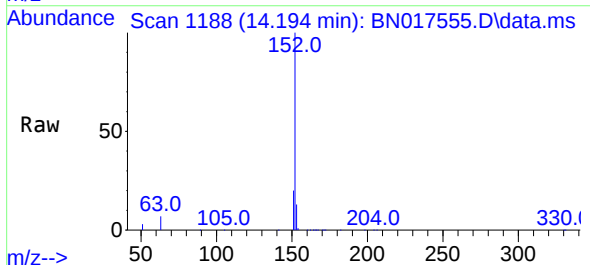
Manual Integrations
APPROVED

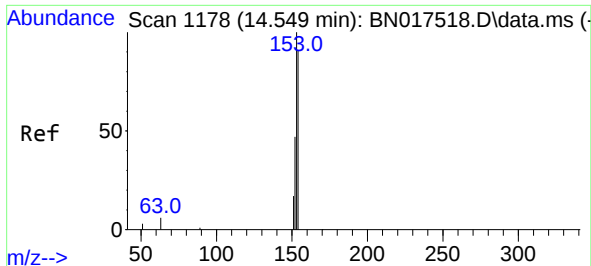
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#16
Acenaphthylene
Concen: 0.447 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

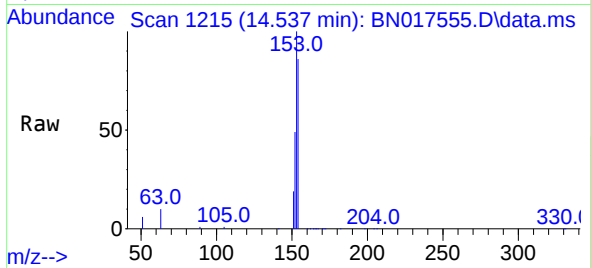
Tgt Ion:152 Resp: 130288
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.1 10.4 15.6





#17
Acenaphthene
Concen: 0.408 ng
RT: 14.537 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

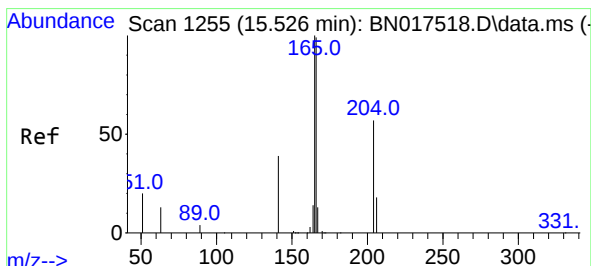
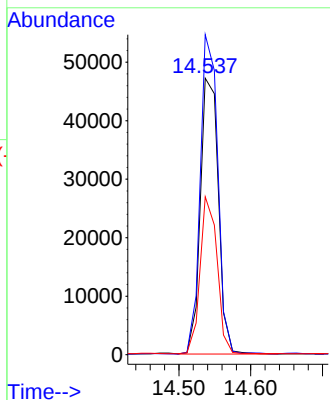
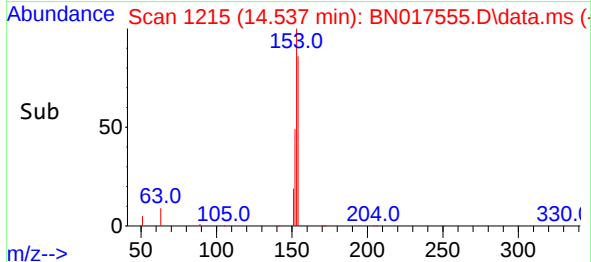
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



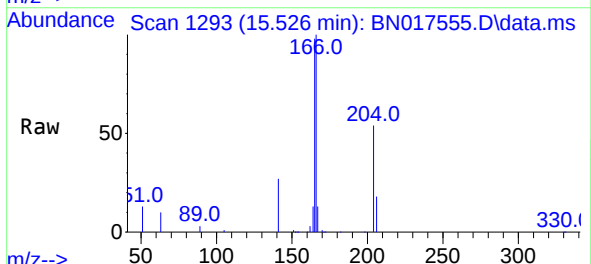
Tgt Ion:154 Resp: 82108
Ion Ratio Lower Upper
154 100
153 112.8 91.2 136.8
152 53.7 44.3 66.5

Manual Integrations
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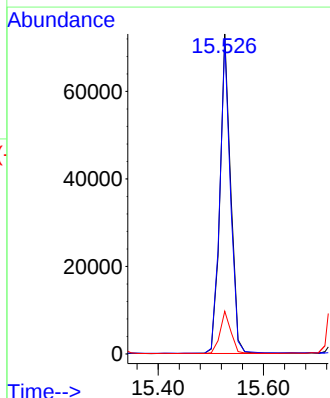
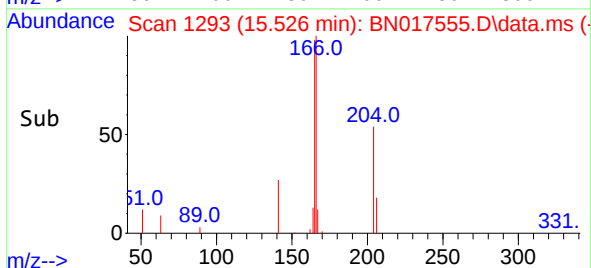
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

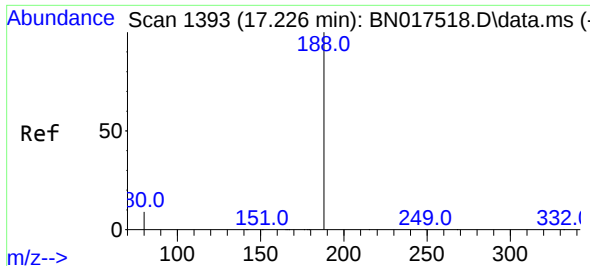


#18
Fluorene
Concen: 0.424 ng
RT: 15.526 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



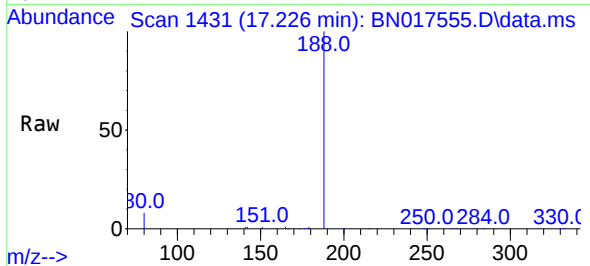
Tgt Ion:166 Resp: 102928
Ion Ratio Lower Upper
166 100
165 97.8 77.9 116.9
167 13.4 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

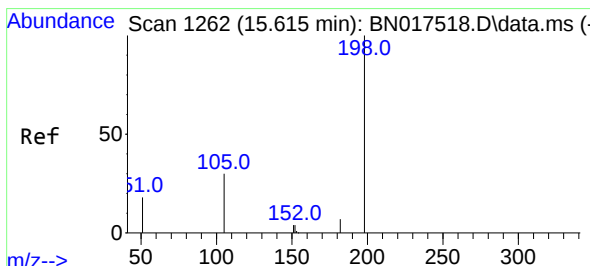
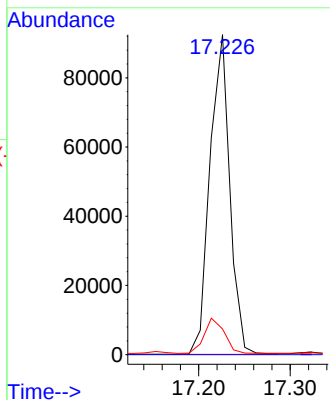
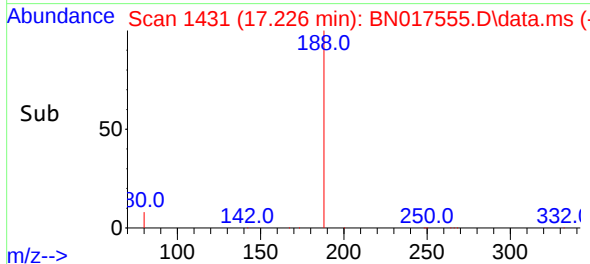
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:188 Resp: 13966
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 6.1 9.1

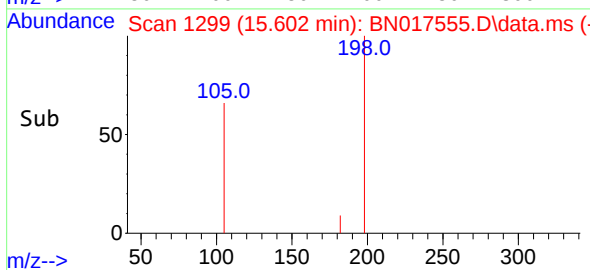
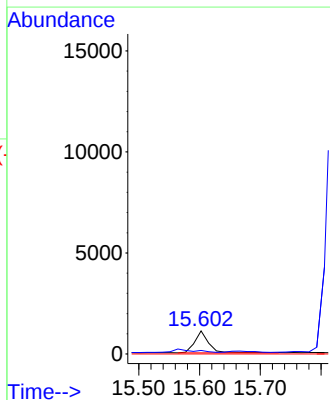
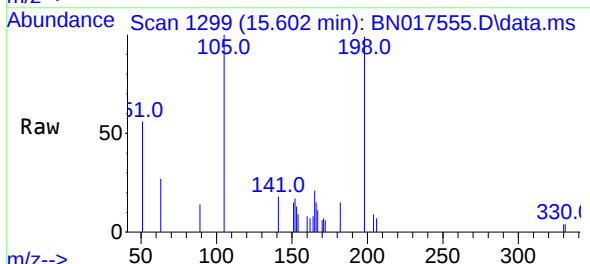
Manual Integrations
APPROVED

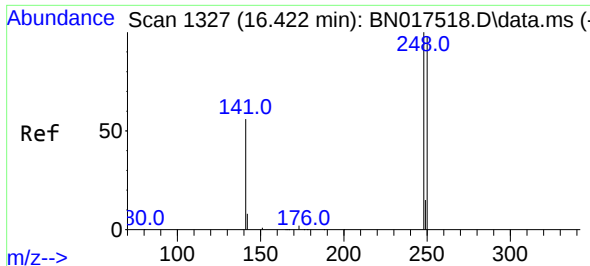
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#20
4,6-Dinitro-2-methylphenol
Concen: 0.385 ng
RT: 15.602 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

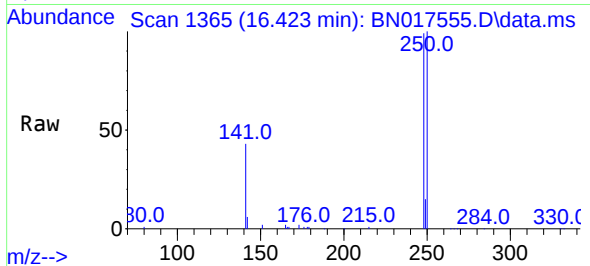
Tgt Ion:198 Resp: 1726
Ion Ratio Lower Upper
198 100
182 15.3 11.4 17.2
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.471 ng
RT: 16.423 min Scan# 1327
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

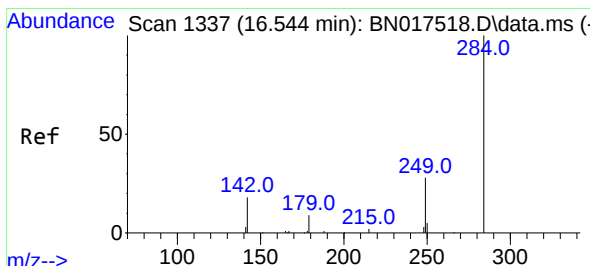
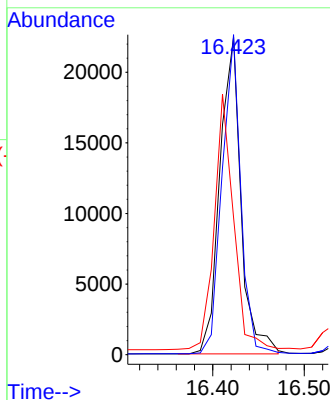
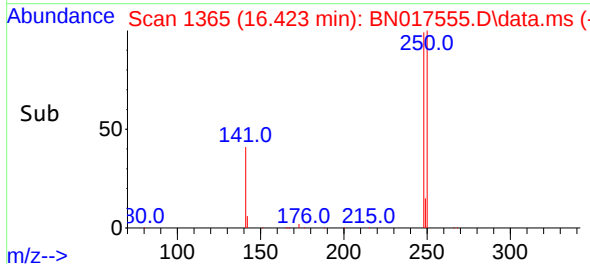
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



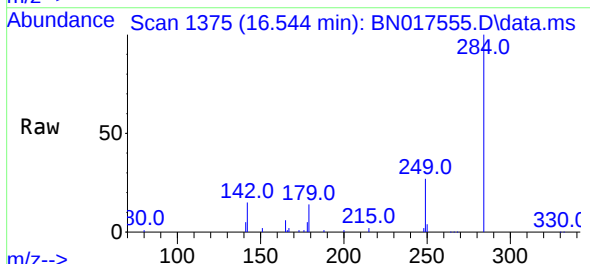
Tgt Ion:248 Resp: 3609
Ion Ratio Lower Upper
248 100
250 100.8 71.8 107.8
141 43.2 70.9 106.3

Manual Integrations
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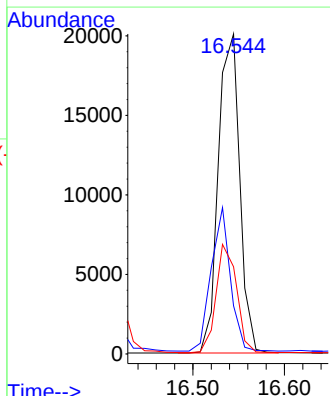
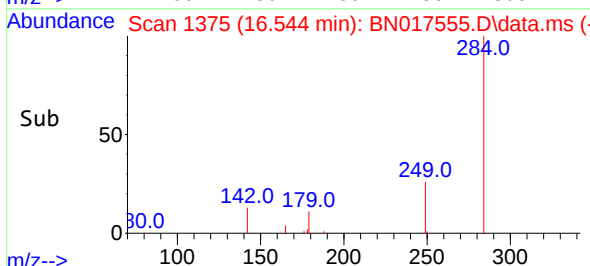
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

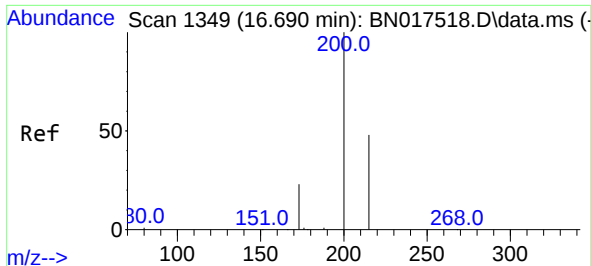


#22
Hexachlorobenzene
Concen: 0.394 ng
RT: 16.544 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



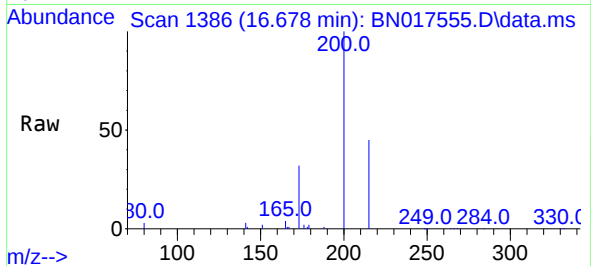
Tgt Ion:284 Resp: 32658
Ion Ratio Lower Upper
284 100
142 40.2 28.2 42.2
249 32.4 24.4 36.6





#23
Atrazine
Concen: 0.571 ng
RT: 16.678 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

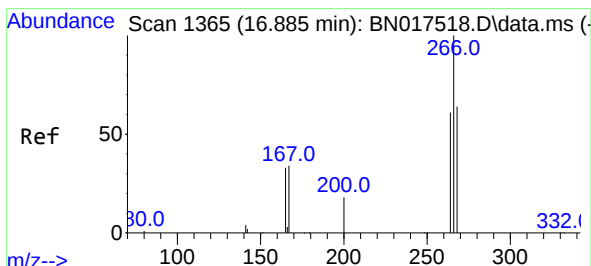
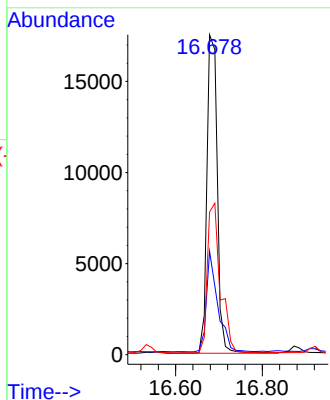
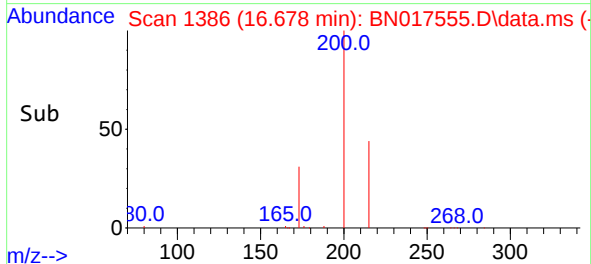
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:200 Resp: 29020
Ion Ratio Lower Upper
200 100
173 32.3 17.6 26.4
215 44.5 40.2 60.4

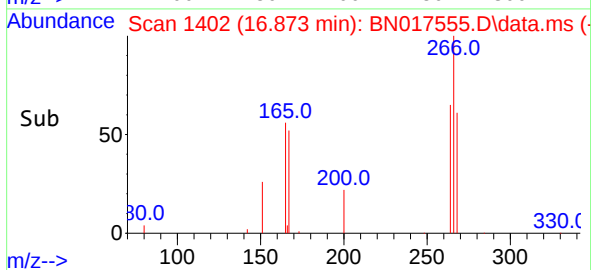
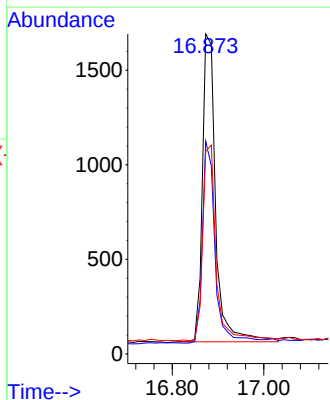
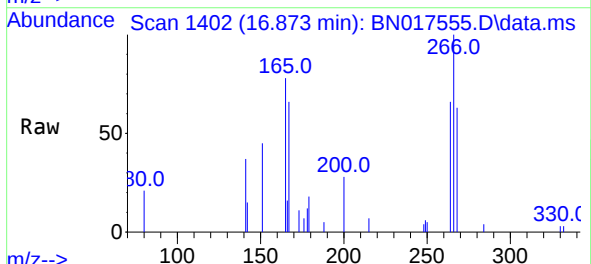
Manual Integrations
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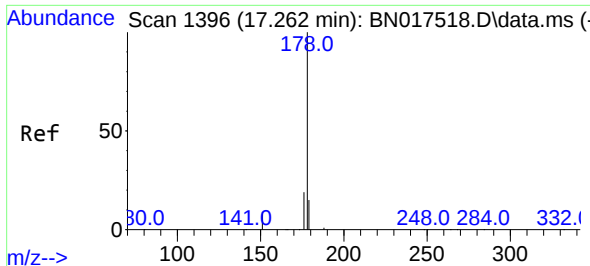
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.873 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

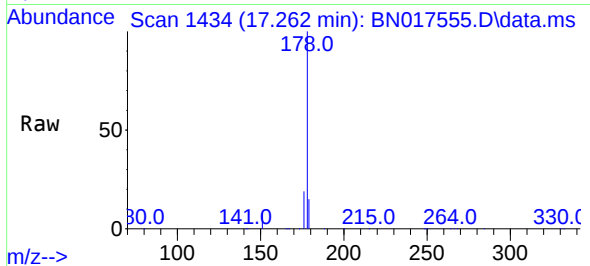
Tgt Ion:266 Resp: 3276
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.8
268 63.2 51.3 76.9





#25
Phenanthrene
Concen: 0.513 ng
RT: 17.262 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

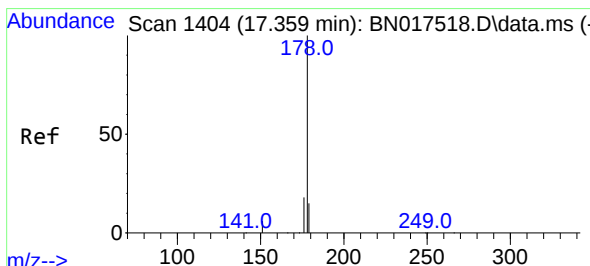
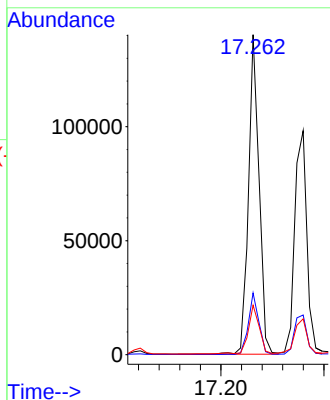
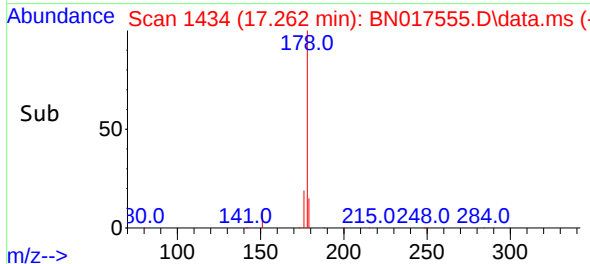
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



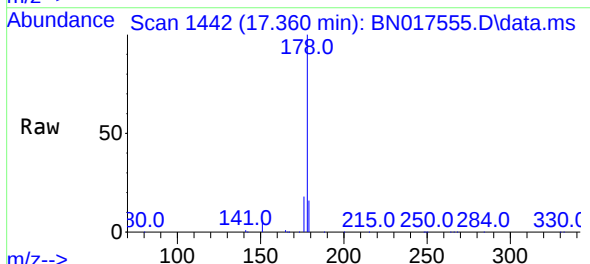
Tgt Ion:178 Resp: 200491
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.3 18.5

Manual Integrations
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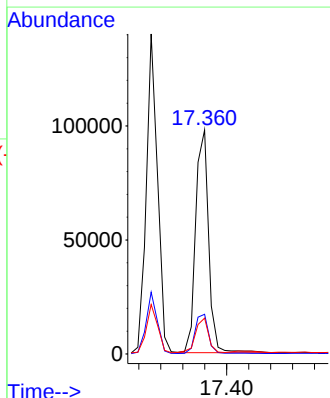
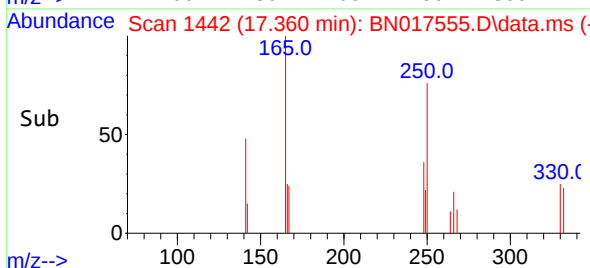
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

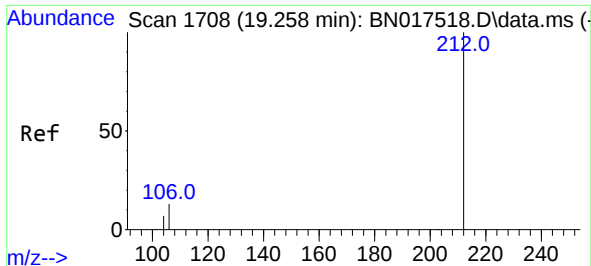


#26
Anthracene
Concen: 0.481 ng
RT: 17.360 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



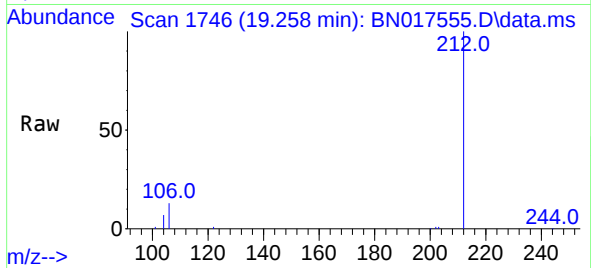
Tgt Ion:178 Resp: 160598
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.5 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.313 ng
RT: 19.258 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

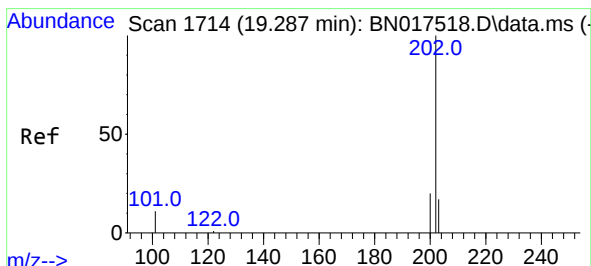
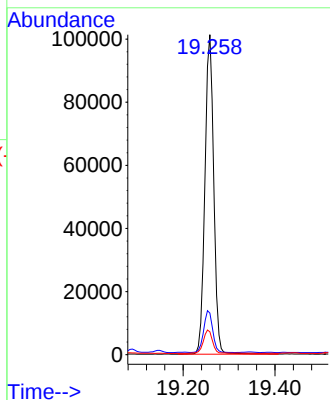
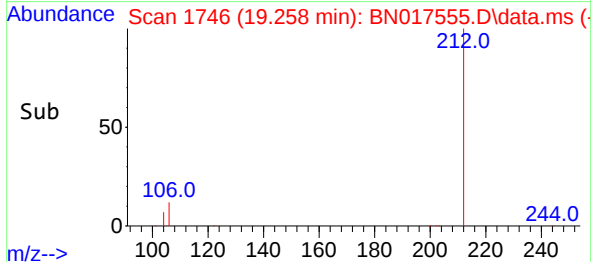
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



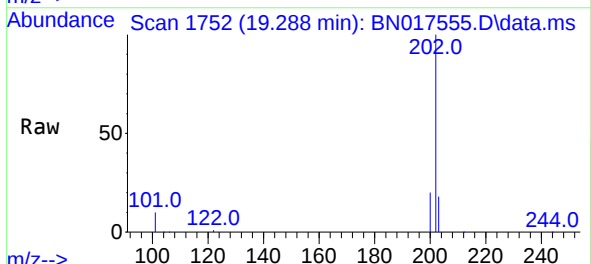
Tgt Ion:212 Resp: 134320
Ion Ratio Lower Upper
212 100
106 13.3 10.5 15.7
104 7.7 5.8 8.6

Manual Integrations
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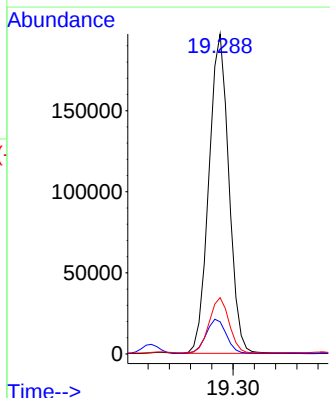
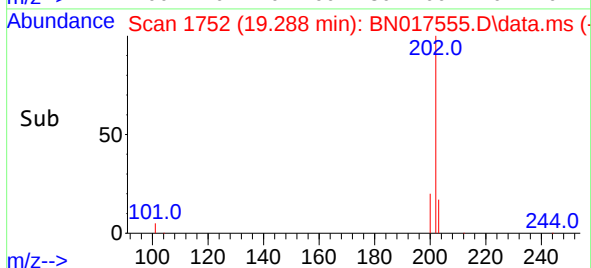
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

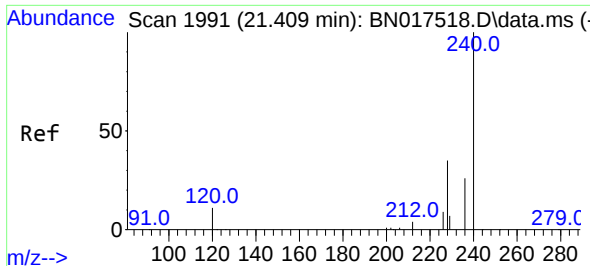


#28
Fluoranthene
Concen: 0.594 ng
RT: 19.288 min Scan# 1752
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22



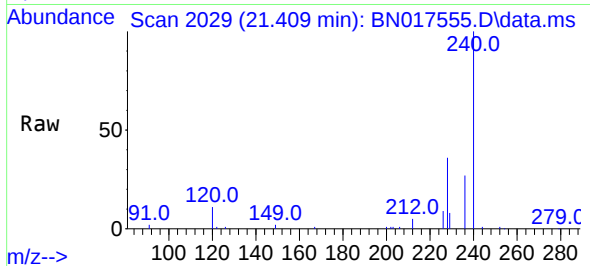
Tgt Ion:202 Resp: 256604
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
203 17.2 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

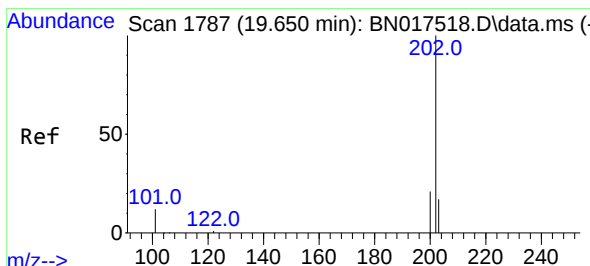
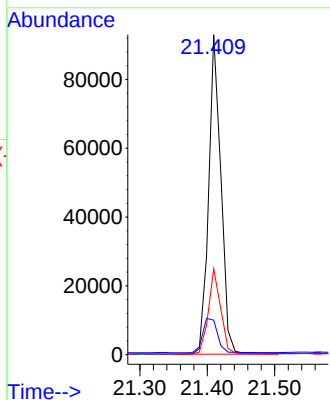
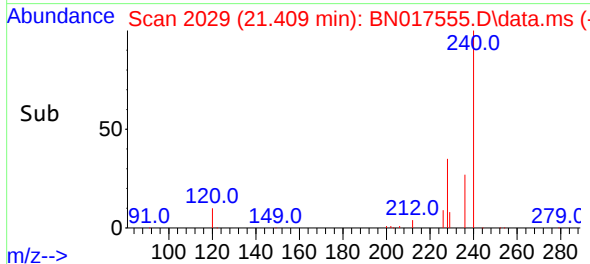
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:240 Resp: 117259
Ion Ratio Lower Upper
240 100
120 10.8 4.2 6.2
236 26.8 20.0 30.0

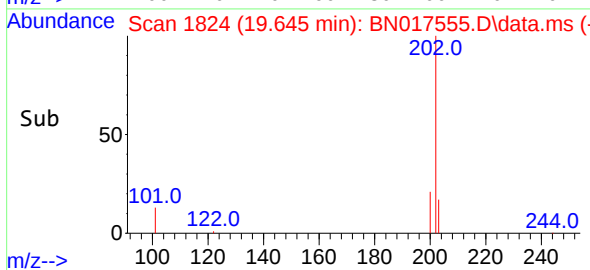
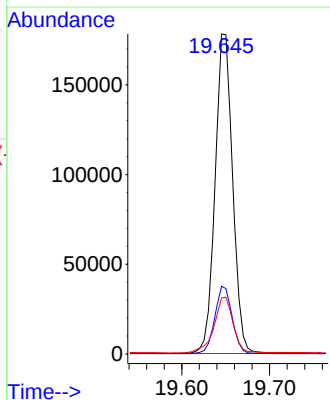
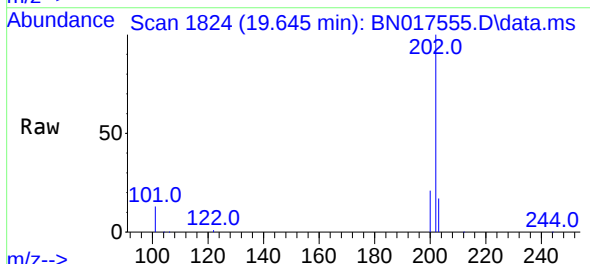
Manual Integrations
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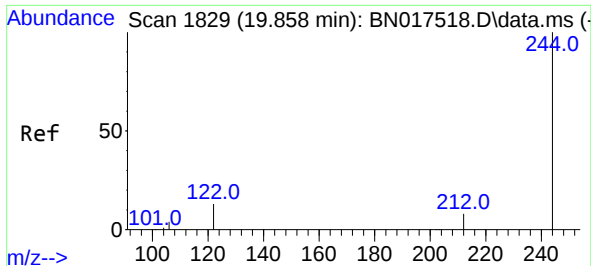
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#30
Pyrene
Concen: 0.624 ng
RT: 19.645 min Scan# 1824
Delta R.T. -0.005 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

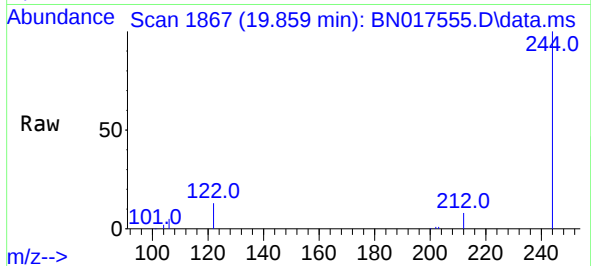
Tgt Ion:202 Resp: 247407
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 19.0 14.0 21.0





#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.859 min Scan# 1829
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

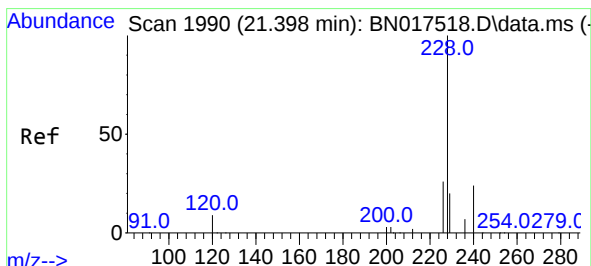
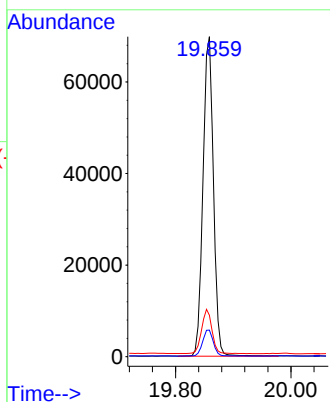
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:244 Resp: 87244
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 12.9 8.6 13.0

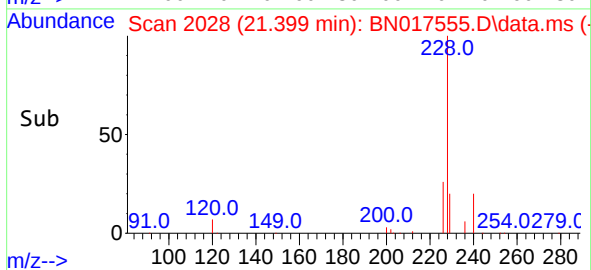
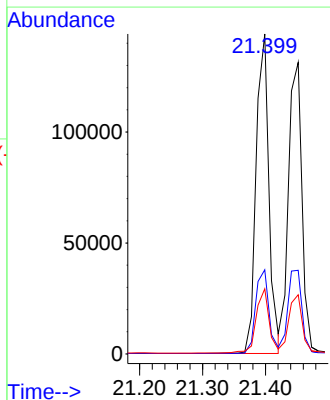
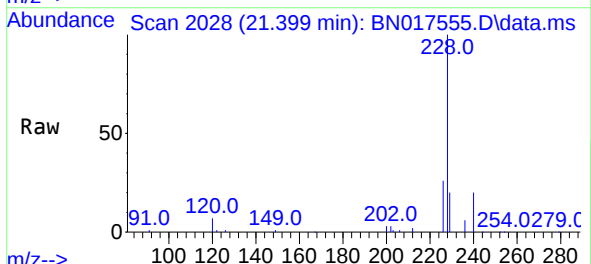
Manual Integrations
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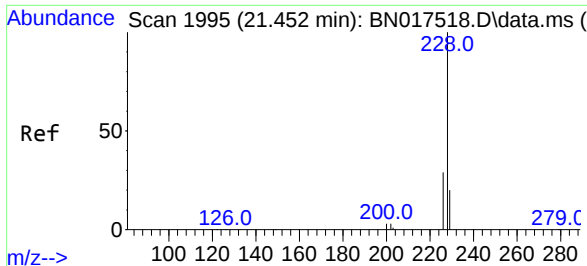
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#32
Benzo(a)anthracene
Concen: 0.557 ng
RT: 21.399 min Scan# 2028
Delta R.T. 0.001 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

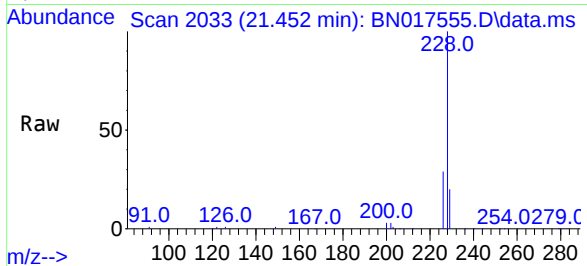
Tgt Ion:228 Resp: 203219
Ion Ratio Lower Upper
228 100
226 26.3 21.3 31.9
229 20.3 15.7 23.5





#33
Chrysene
Concen: 0.499 ng
RT: 21.452 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

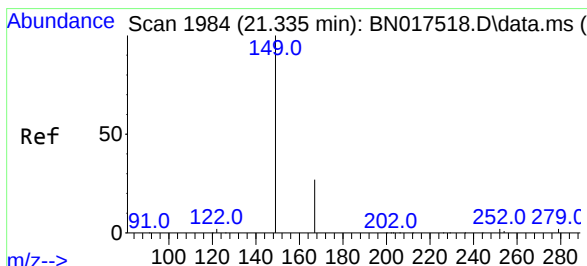
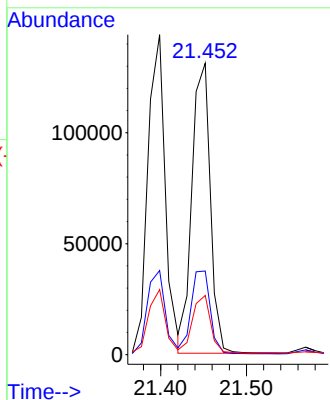
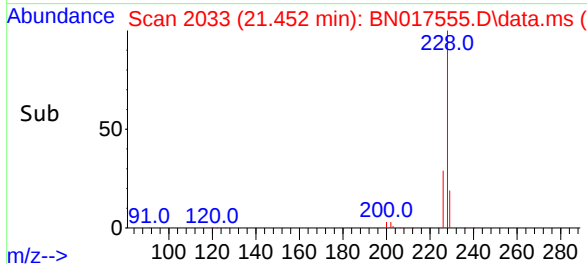
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:228 Resp: 194354
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.3 15.6 23.4

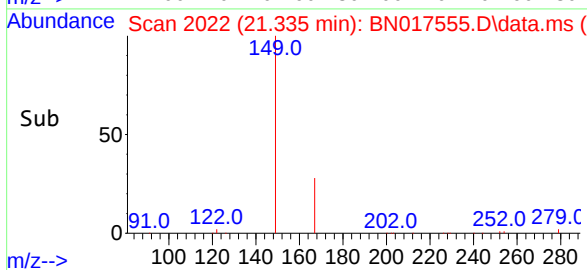
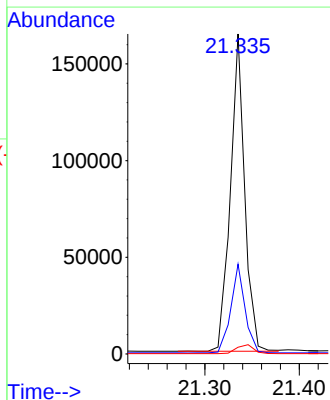
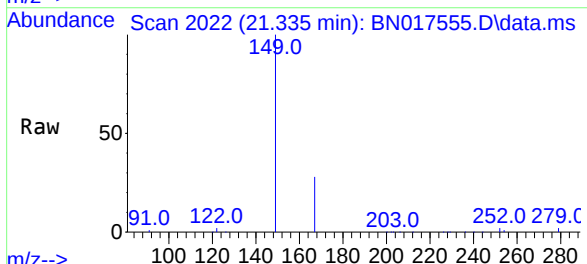
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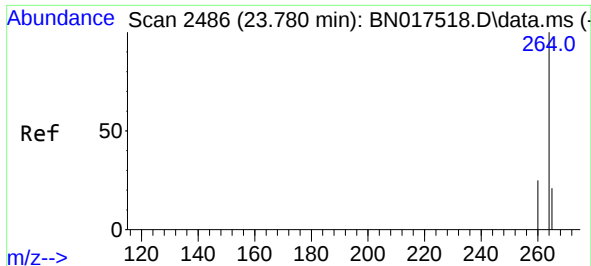
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.992 ng
RT: 21.335 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

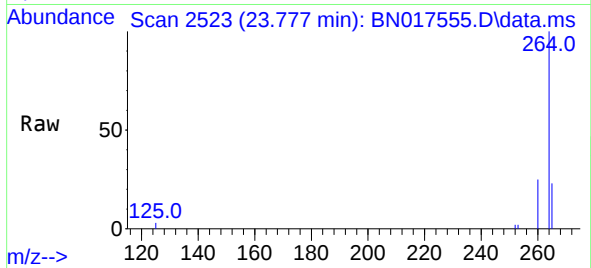
Tgt Ion:149 Resp: 172916
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.6
279 3.3 3.4 5.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.777 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

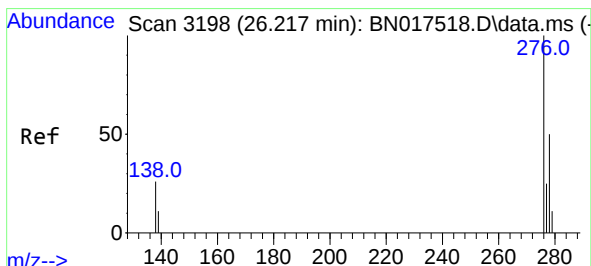
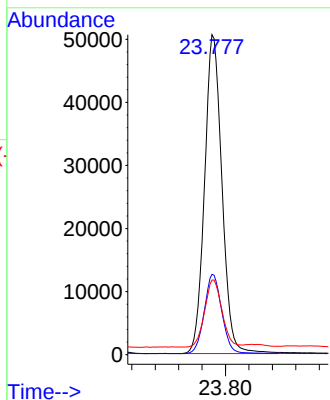
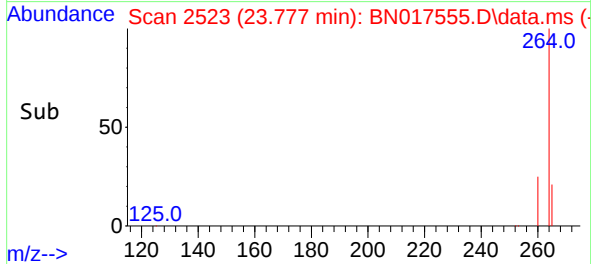
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:264 Resp: 10441
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 23.3 18.6 28.0

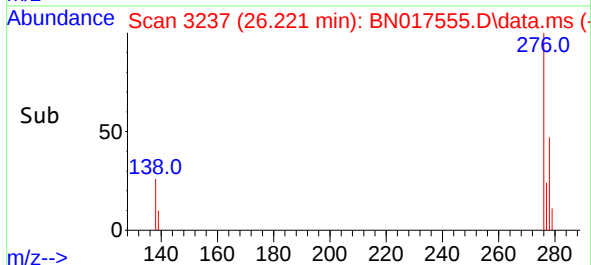
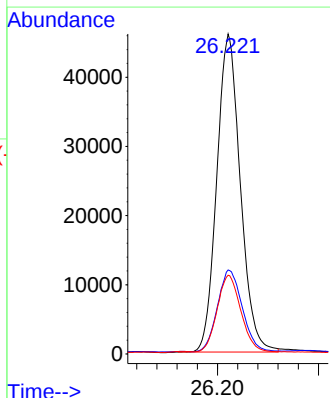
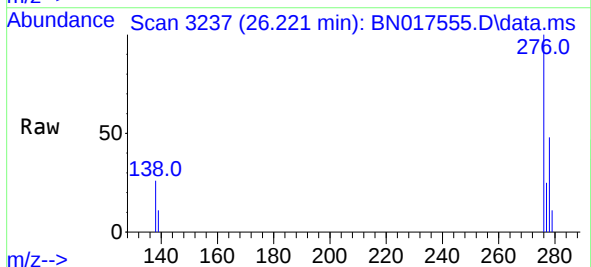
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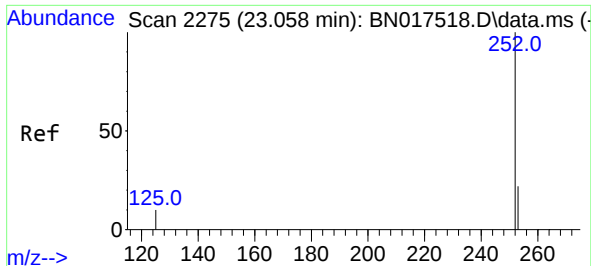
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng
RT: 26.221 min Scan# 3237
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

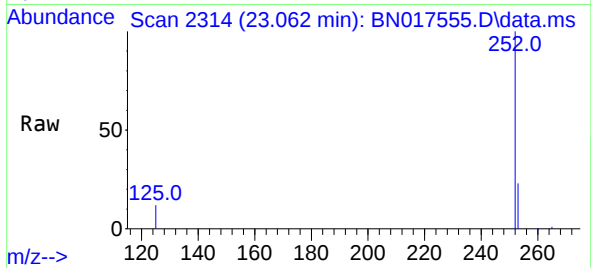
Tgt Ion:276 Resp: 148766
Ion Ratio Lower Upper
276 100
138 27.0 19.7 29.5
277 24.1 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.529 ng
RT: 23.062 min Scan# 2111
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

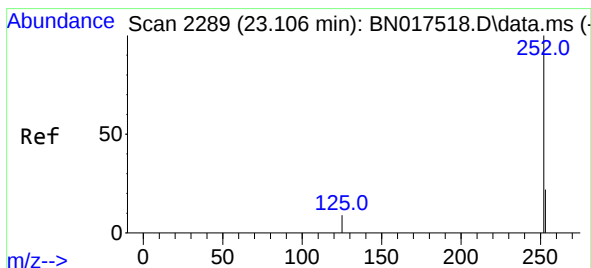
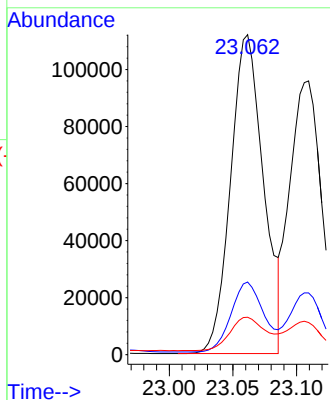
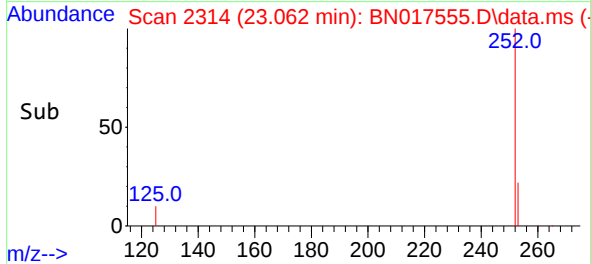
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:252 Resp: 201011
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.7 7.8 11.8

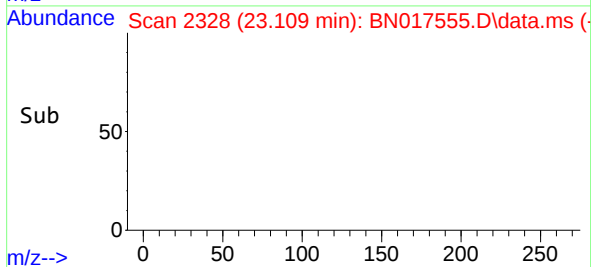
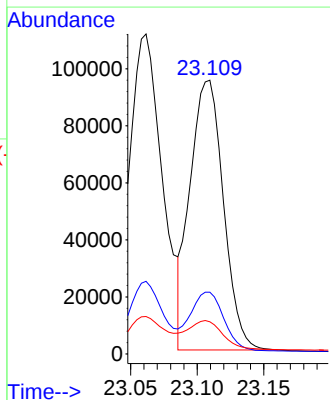
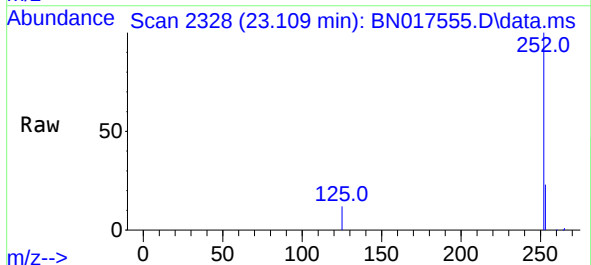
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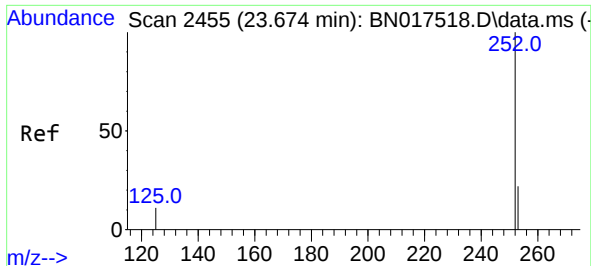
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#38
Benzo(k)fluoranthene
Concen: 0.447 ng
RT: 23.109 min Scan# 2328
Delta R.T. 0.003 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

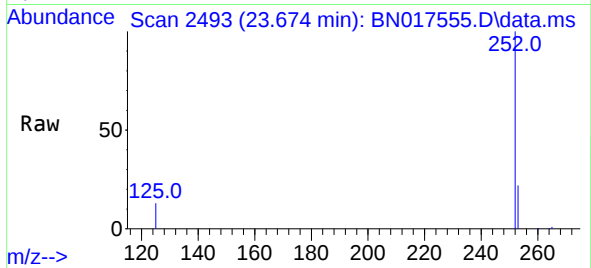
Tgt Ion:252 Resp: 164713
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.7 8.2 12.2





#39
Benzo(a)pyrene
Concen: 0.537 ng
RT: 23.674 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

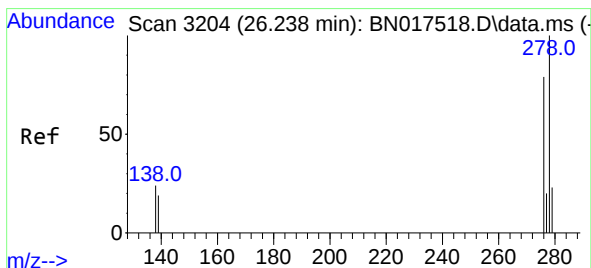
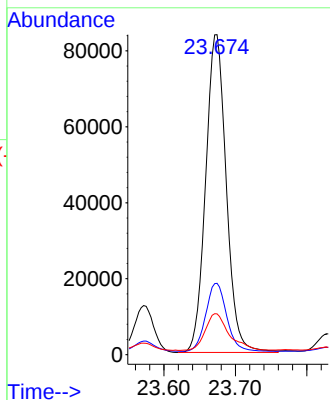
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:252 Resp: 16819
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 12.7 9.2 13.8

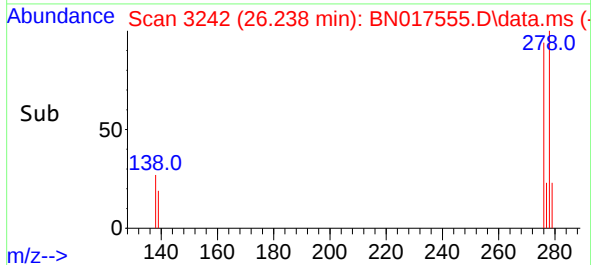
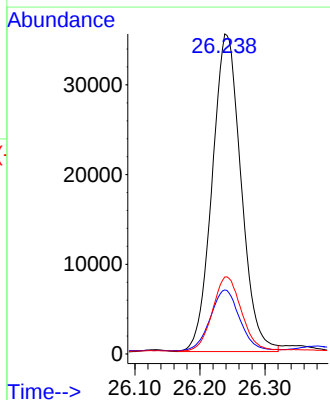
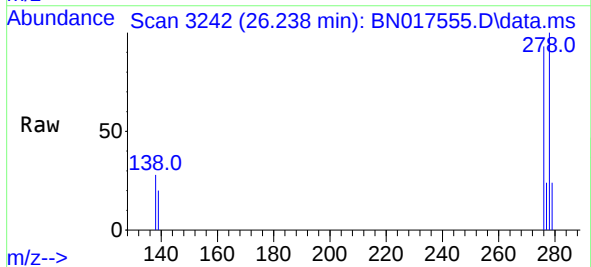
Manual Integrations
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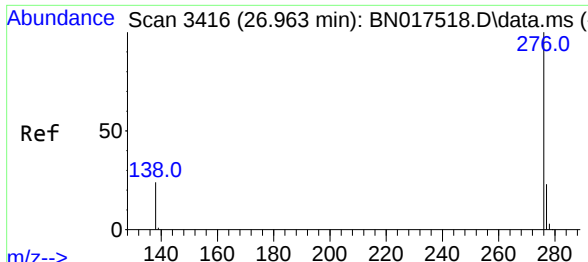
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.417 ng
RT: 26.238 min Scan# 3242
Delta R.T. -0.000 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

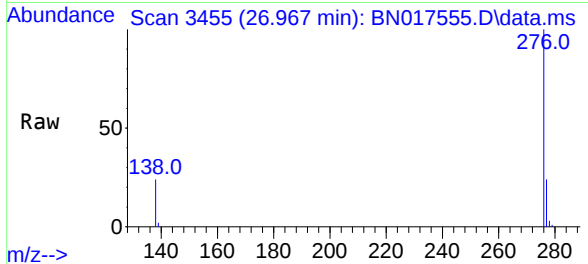
Tgt Ion:278 Resp: 109078
Ion Ratio Lower Upper
278 100
139 20.0 13.0 19.6#
279 24.1 19.2 28.8





#41
Benzo(g,h,i)perylene
Concen: 0.476 ng
RT: 26.967 min Scan# 3416
Delta R.T. 0.004 min
Lab File: BN017555.D
Acq: 22 Nov 2021 21:22

Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MS



Tgt Ion:276 Resp: 130000
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 24.4 17.1 25.7

Manual Integrations
APPROVED
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

