

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
 Data File : BN017556.D
 Acq On : 22 Nov 2021 21:58
 Operator : CG/JU
 Sample : M4801-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Nov 23 02:41:05 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	30489	0.400	ng	0.00
7) Naphthalene-d8	10.649	136	138958	0.400	ng	#-0.01
13) Acenaphthene-d10	14.486	164	73254	0.400	ng	0.00
19) Phenanthrene-d10	17.226	188	137749	0.400	ng	0.00
29) Chrysene-d12	21.409	240	117146	0.400	ng	# 0.00
35) Perylene-d12	23.777	264	104590	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.477	112	25520	0.338	ng	0.03
5) Phenol-d6	7.035	99	30096	0.353	ng	0.00
8) Nitrobenzene-d5	9.001	82	31597	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.235	152	84446m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.970	330	7539	0.335	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	87885	0.322	ng	0.00
27) Fluoranthene-d10	19.258	212	133591	0.315	ng	0.00
31) Terphenyl-d14	19.854	244	86966	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.430	88	9826m	0.672	ng	
3) n-Nitrosodimethylamine	3.734	42	12648	0.420	ng	# 89
6) bis(2-Chloroethyl)ether	7.293	93	37199	0.427	ng	96
9) Naphthalene	10.700	128	141989	0.403	ng	100
10) Hexachlorobutadiene	11.004	225	27862	0.401	ng	# 100
12) 2-Methylnaphthalene	12.311	142	95258	0.420	ng	98
16) Acenaphthylene	14.194	152	130210	0.446	ng	100
17) Acenaphthene	14.537	154	82405	0.408	ng	99
18) Fluorene	15.526	166	102300	0.421	ng	99
20) 4,6-Dinitro-2-methylph...	15.602	198	1458	0.349	ng	94
21) 4-Bromophenyl-phenylether	16.423	248	35984	0.476	ng	# 67
22) Hexachlorobenzene	16.544	284	33003	0.404	ng	94
23) Atrazine	16.678	200	29351	0.586	ng	# 88
24) Pentachlorophenol	16.873	266	2591	0.271	ng	99
25) Phenanthrene	17.262	178	202050	0.524	ng	99
26) Anthracene	17.360	178	161618	0.490	ng	100
28) Fluoranthene	19.288	202	255762	0.600	ng	100
30) Pyrene	19.650	202	246471	0.622	ng	98
32) Benzo(a)anthracene	21.399	228	203665	0.559	ng	99
33) Chrysene	21.441	228	194499	0.499	ng	98
34) Bis(2-ethylhexyl)phtha...	21.335	149	179997	1.029	ng	99
36) Indeno(1,2,3-cd)pyrene	26.221	276	149618	0.469	ng	97
37) Benzo(b)fluoranthene	23.058	252	197775	0.520	ng	# 98
38) Benzo(k)fluoranthene	23.106	252	169932	0.460	ng	98
39) Benzo(a)pyrene	23.674	252	169429	0.540	ng	99
40) Dibenzo(a,h)anthracene	26.238	278	109963	0.420	ng	# 96
41) Benzo(g,h,i)perylene	26.967	276	130210	0.476	ng	97

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

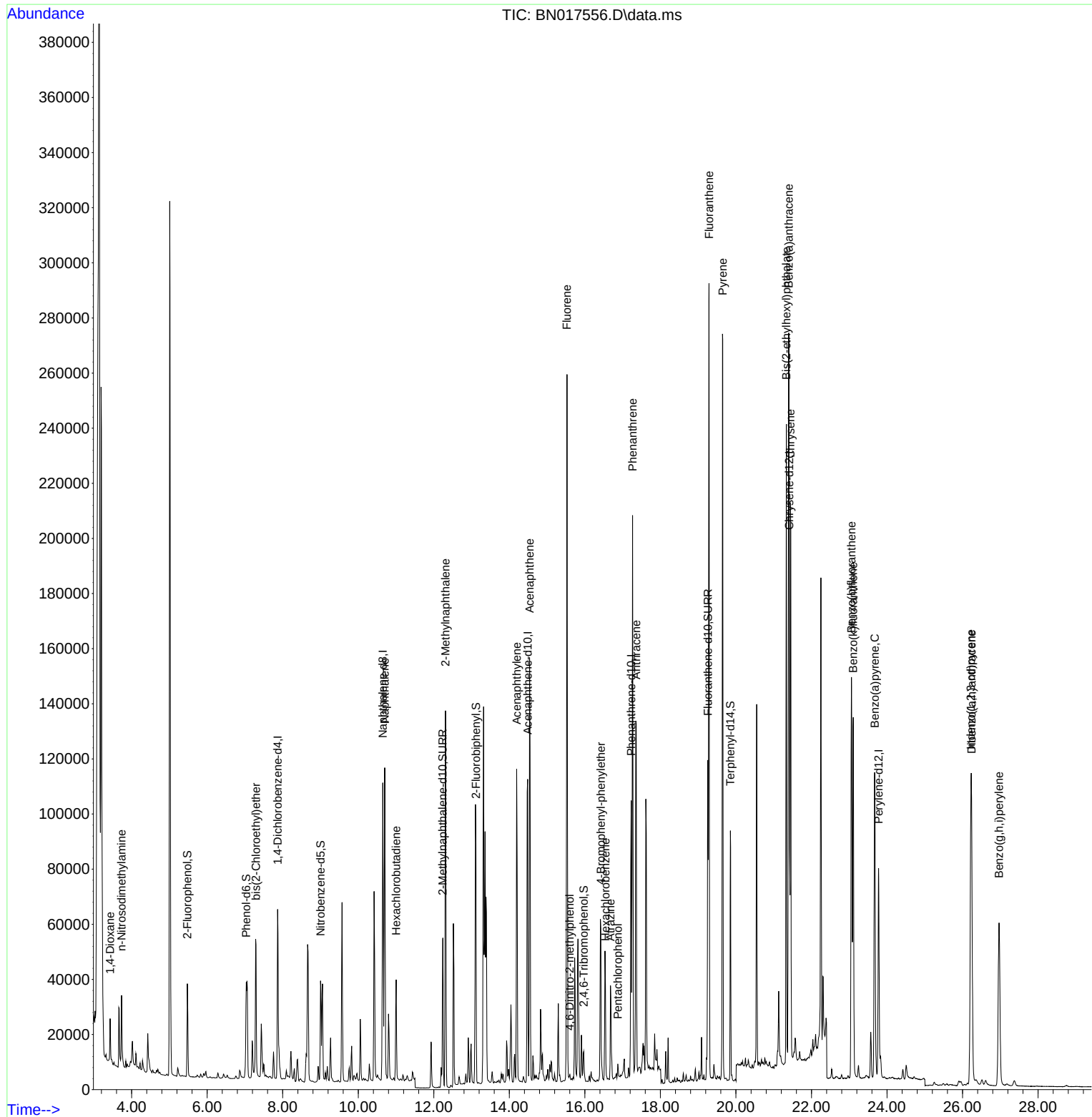
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112321\
Data File : BN017556.D
Acq On : 22 Nov 2021 21:58
Operator : CG/JU
Sample : M4801-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

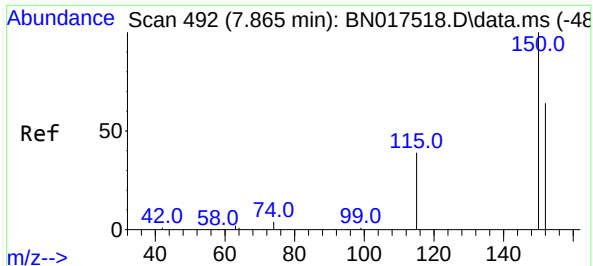
Instrument :
BNA_N
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SITE-1-DRILL-CUTTINGS-20211119MSD

Quant Time: Nov 23 02:41:05 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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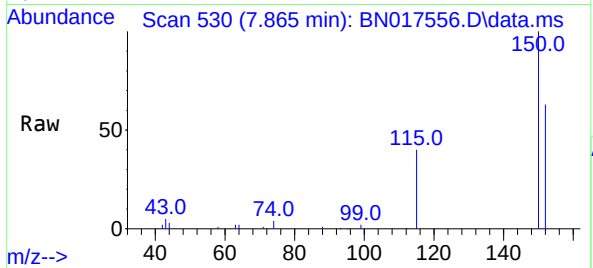
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

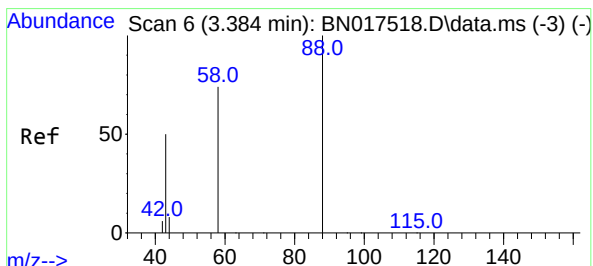
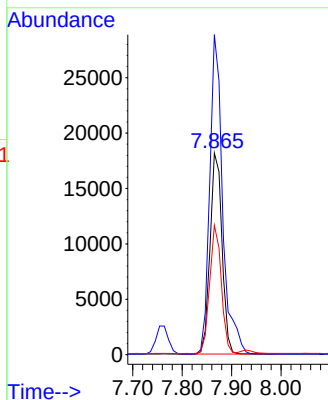
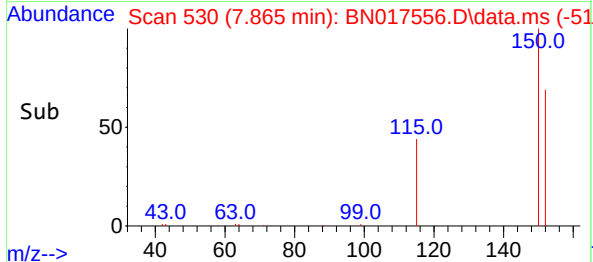
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



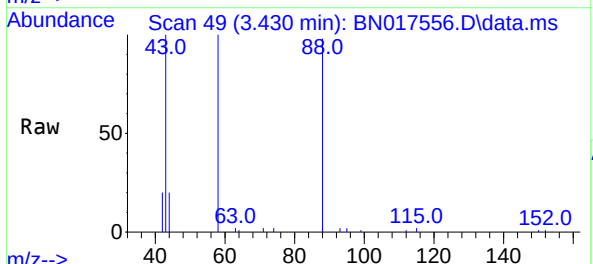
Tgt Ion:152 Resp: 30489
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.4
115 64.2 45.6 68.4

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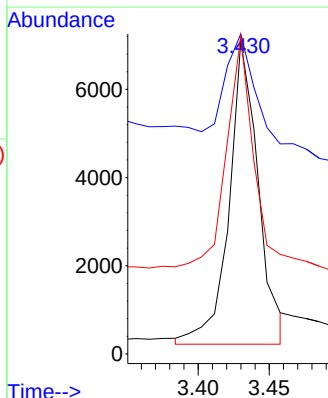
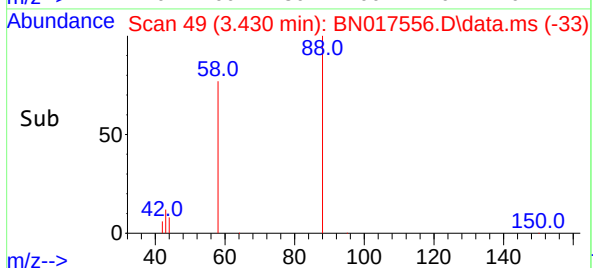
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

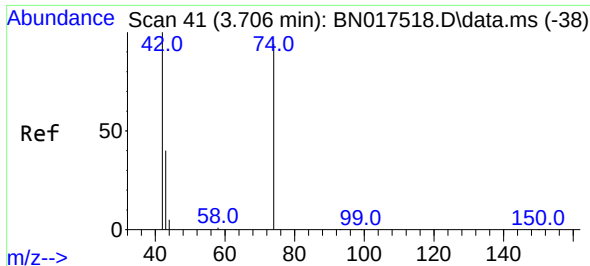


#2
1,4-Dioxane
Concen: 0.672 ng m
RT: 3.430 min Scan# 49
Delta R.T. 0.046 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



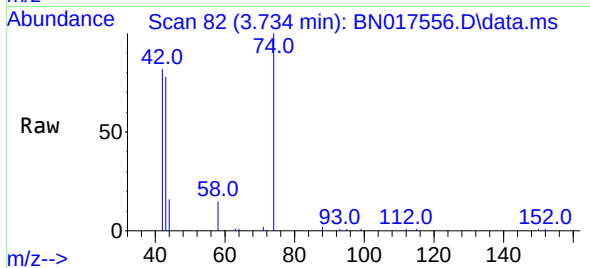
Tgt Ion: 88 Resp: 9826
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 0.0 63.0 94.6#





#3
n-Nitrosodimethylamine
Concen: 0.420 ng
RT: 3.734 min Scan# 81
Delta R.T. 0.028 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

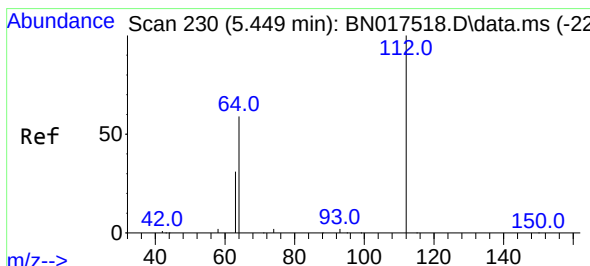
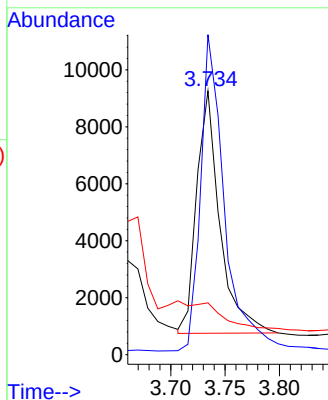
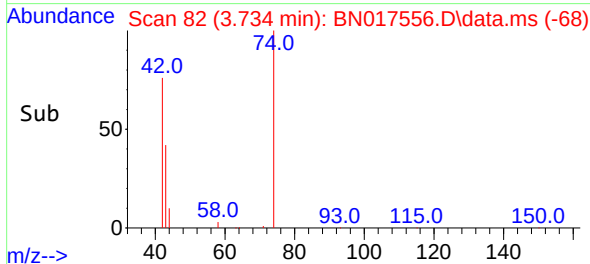
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



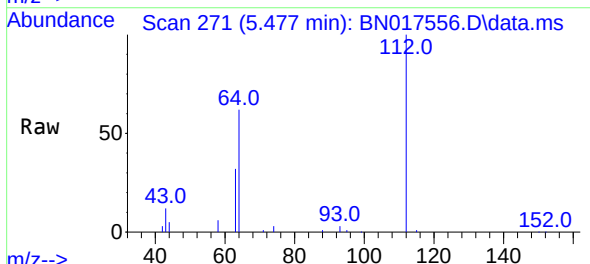
Tgt Ion: 42 Resp: 12648
Ion Ratio Lower Upper
42 100
74 134.4 97.8 146.6
44 0.0 5.5 8.3

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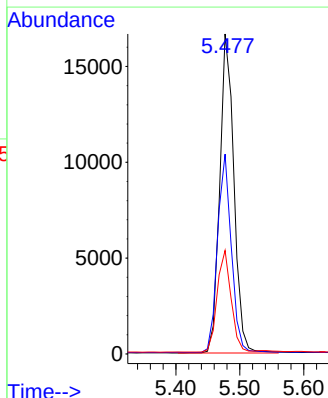
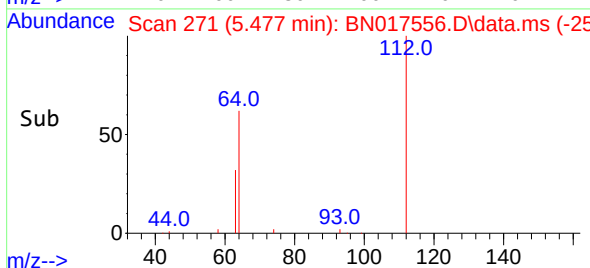
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

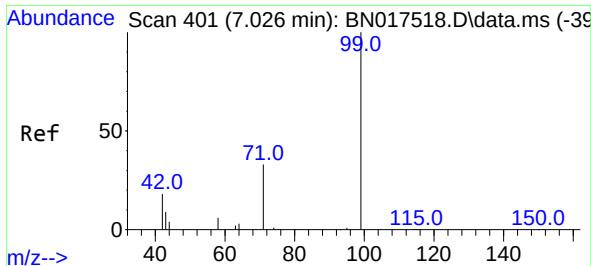


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.477 min Scan# 271
Delta R.T. 0.028 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



Tgt Ion:112 Resp: 25520
Ion Ratio Lower Upper
112 100
64 60.9 47.6 71.4
63 31.6 24.6 37.0





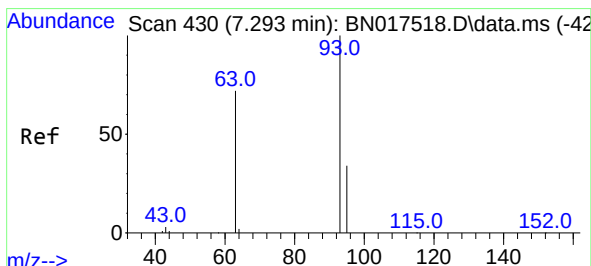
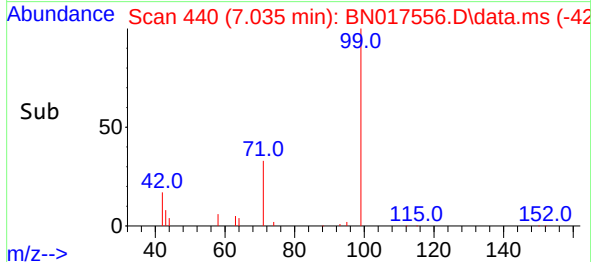
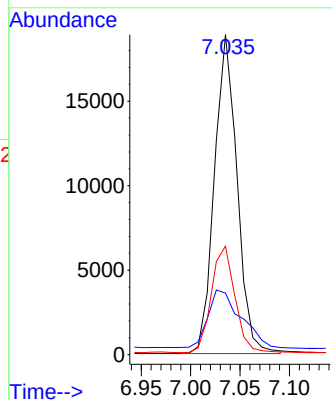
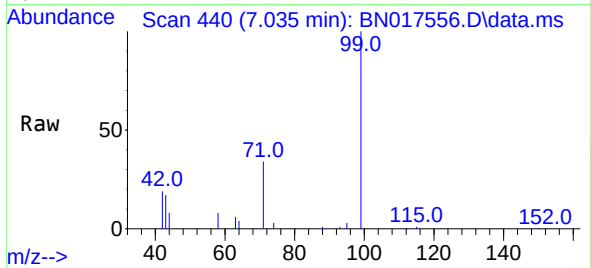
#5
Phenol-d6
Concen: 0.353 ng
RT: 7.035 min Scan# 441
Delta R.T. 0.009 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

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

Tgt Ion: 99 Resp: 30090
Ion Ratio Lower Upper
99 100
42 25.7 17.0 25.6
71 34.5 24.8 37.2

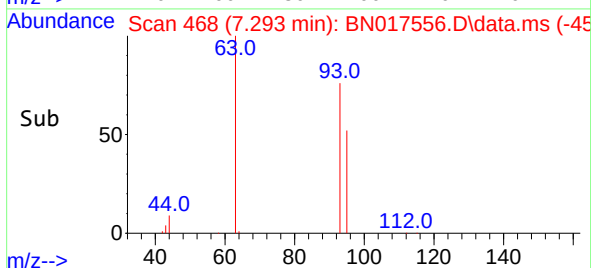
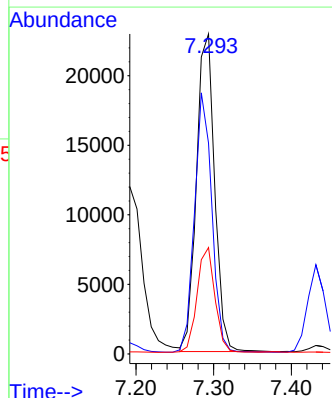
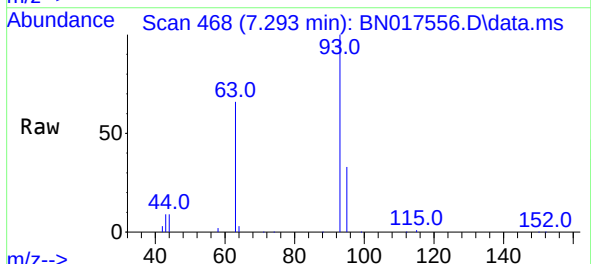
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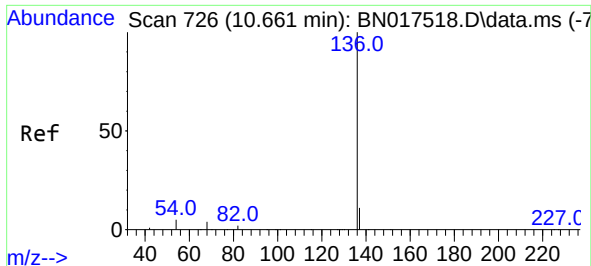
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#6
bis(2-Chloroethyl)ether
Concen: 0.427 ng
RT: 7.293 min Scan# 468
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

Tgt Ion: 93 Resp: 37199
Ion Ratio Lower Upper
93 100
63 77.9 65.8 98.6
95 32.4 26.6 39.8





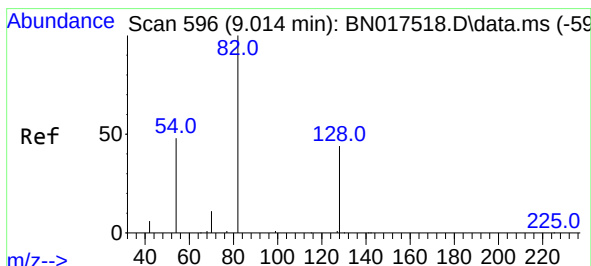
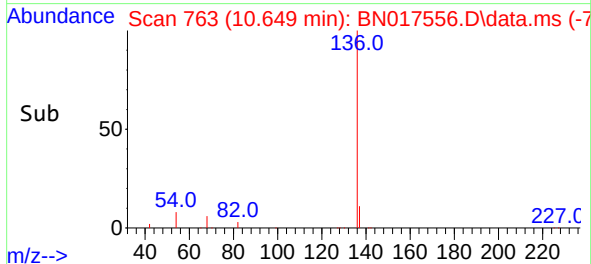
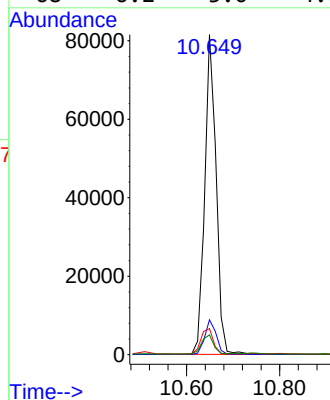
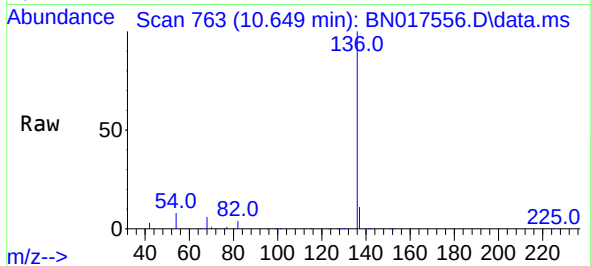
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.649 min Scan# 70
Delta R.T. -0.012 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

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

Tgt Ion: 136 Resp: 138958
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.1 4.0 6.0
68 6.2 3.0 4.6

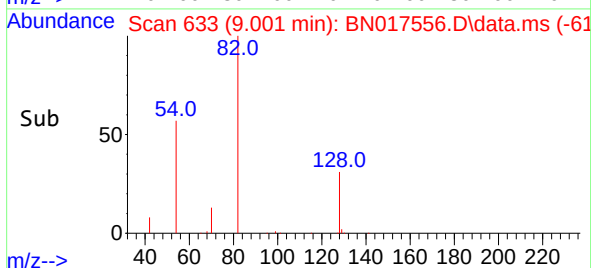
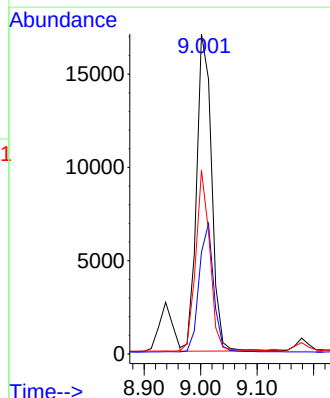
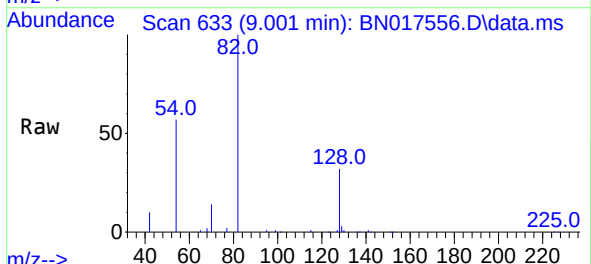
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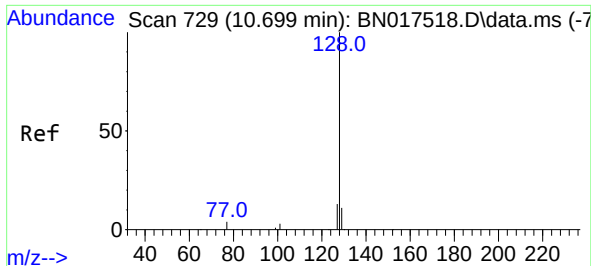
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#8
Nitrobenzene-d5
Concen: 0.345 ng
RT: 9.001 min Scan# 633
Delta R.T. -0.013 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

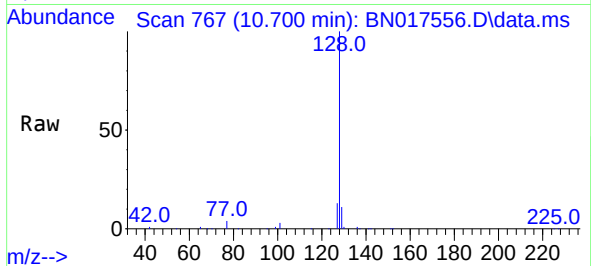
Tgt Ion: 82 Resp: 31597
Ion Ratio Lower Upper
82 100
128 31.9 27.7 41.5
54 57.4 49.2 73.8





#9
Naphthalene
Concen: 0.403 ng
RT: 10.700 min Scan# 701
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

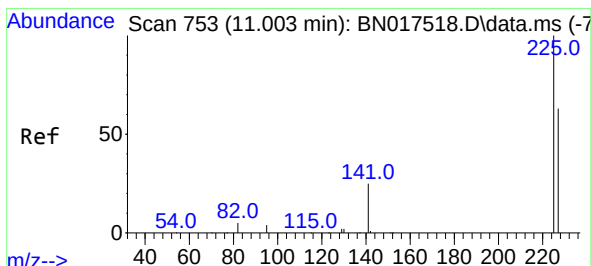
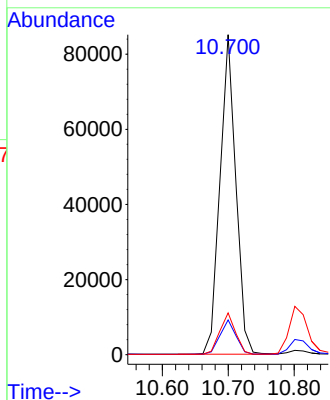
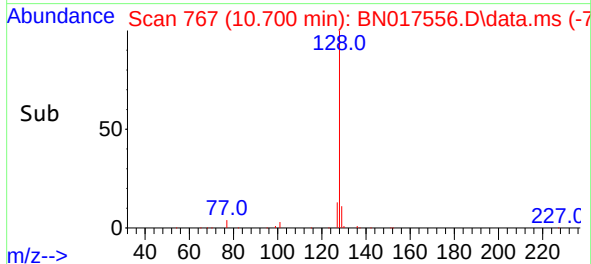
Instrument :
BNA_N
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SITE-1-DRILL-CUTTINGS-20211119MSD



Tgt Ion:128 Resp: 141989
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.1 10.6 15.8

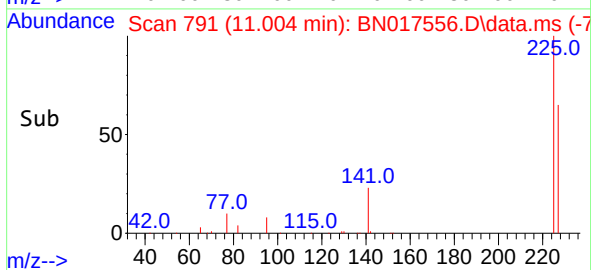
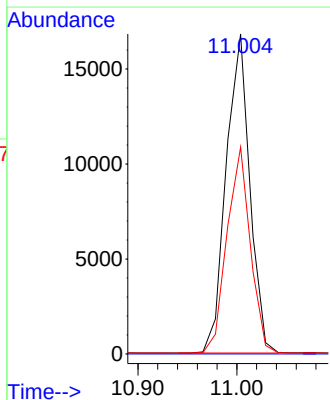
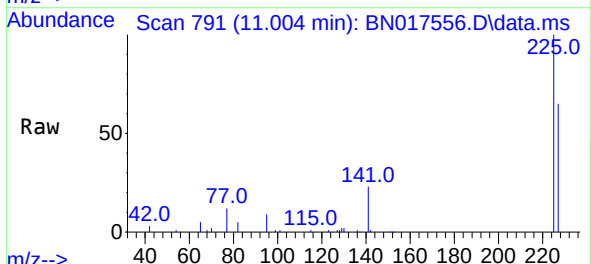
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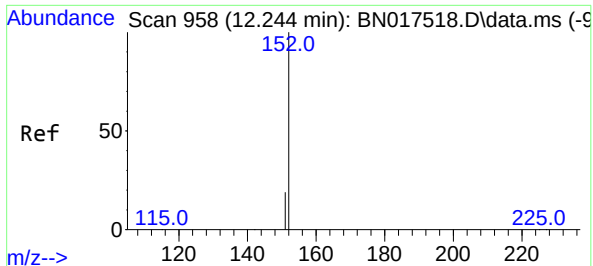
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#10
Hexachlorobutadiene
Concen: 0.401 ng
RT: 11.004 min Scan# 791
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

Tgt Ion:225 Resp: 27862
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.7 51.1 76.7





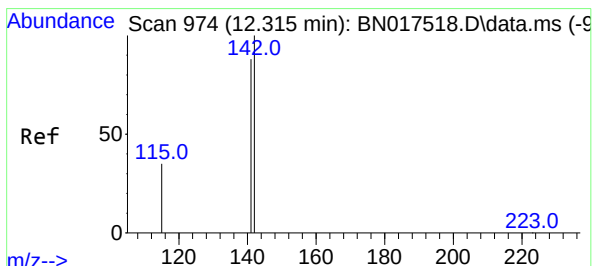
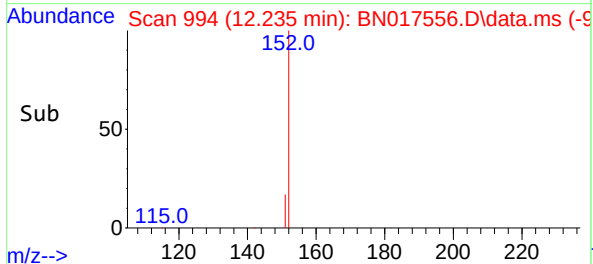
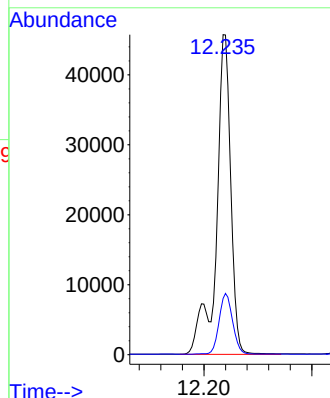
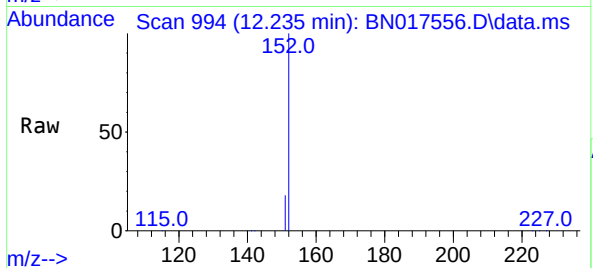
#11
2-Methylnaphthalene-d10
Concen: 0.365 ng m
RT: 12.235 min Scan# 91
Delta R.T. -0.009 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

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

Tgt Ion:152 Resp: 8444
Ion Ratio Lower Upper
152 100
151 17.8 16.2 24.4

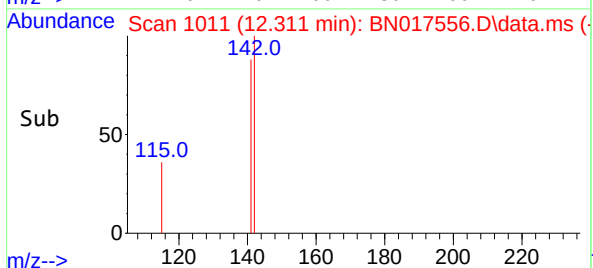
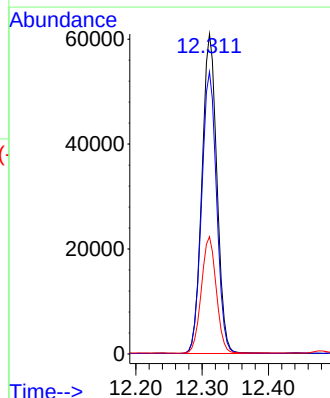
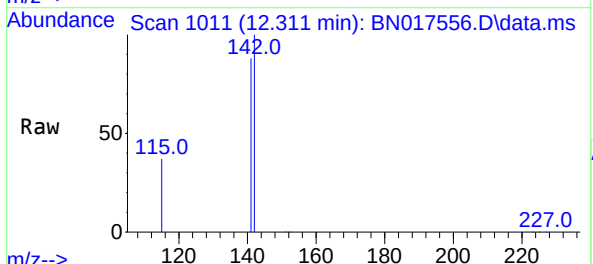
Manual Integrations
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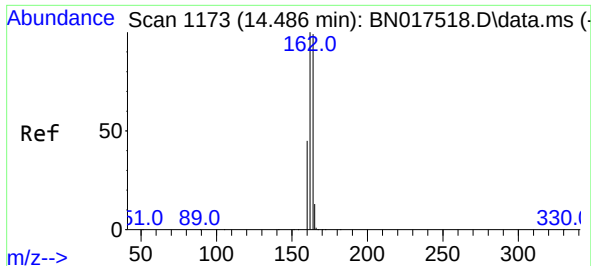
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.311 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

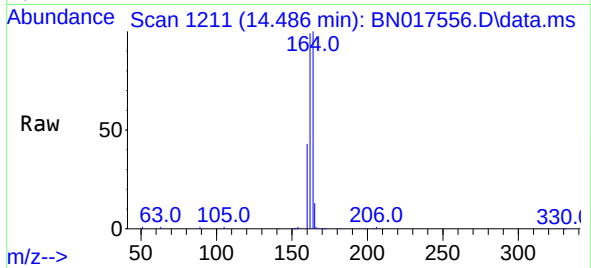
Tgt Ion:142 Resp: 95258
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0
115 36.6 25.8 38.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.486 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

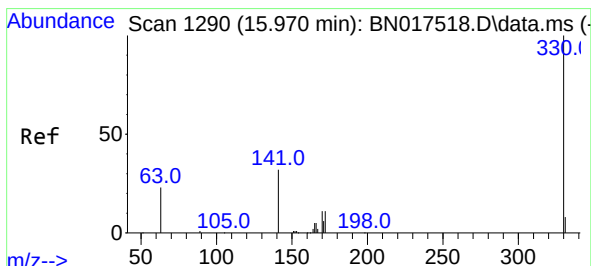
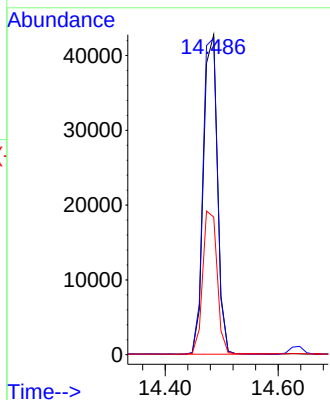
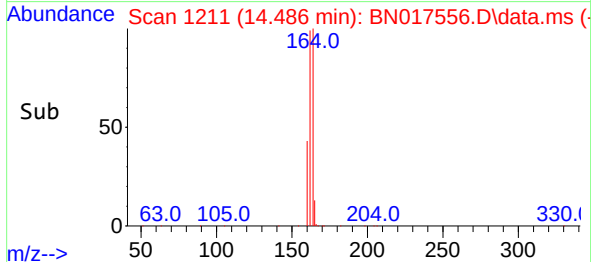
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



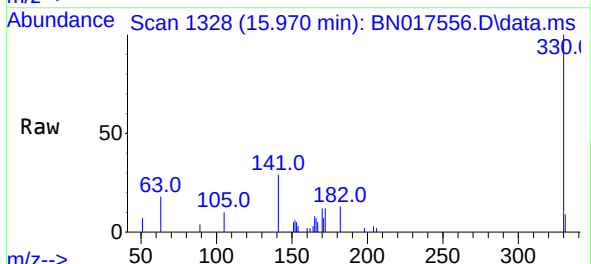
Tgt Ion:164 Resp: 73254
Ion Ratio Lower Upper
164 100
162 98.9 81.4 122.2
160 43.0 36.8 55.2

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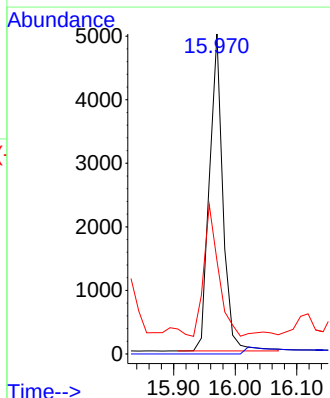
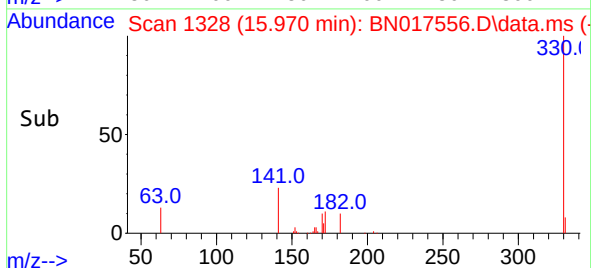
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

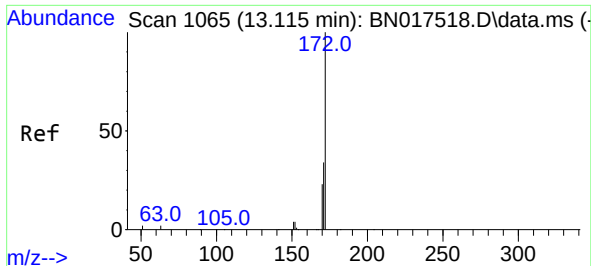


#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.970 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



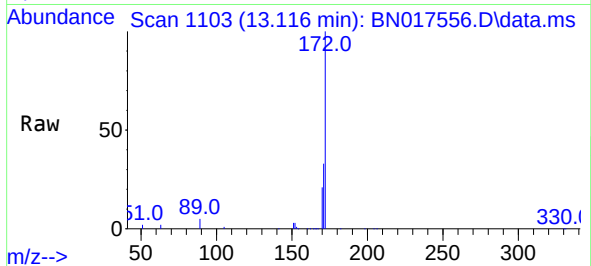
Tgt Ion:330 Resp: 7539
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 43.3 28.9 43.3#





#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.116 min Scan# 1103
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

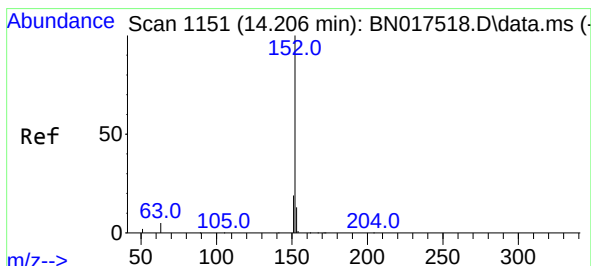
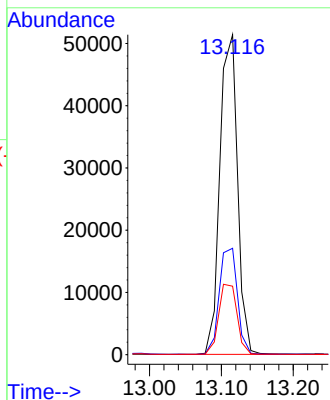
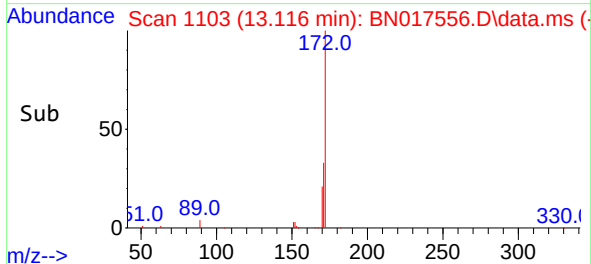
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



Tgt Ion:172 Resp: 87885
Ion Ratio Lower Upper
172 100
171 33.3 28.7 43.1
170 21.4 19.4 29.2

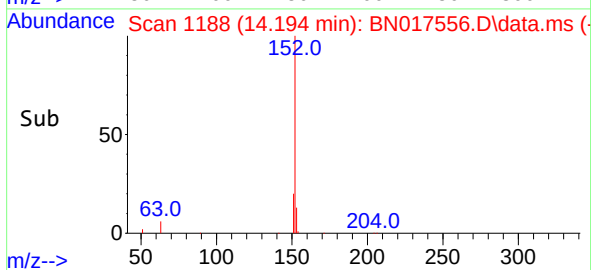
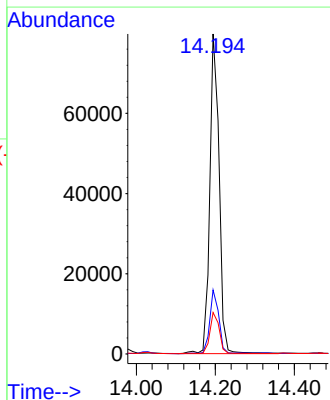
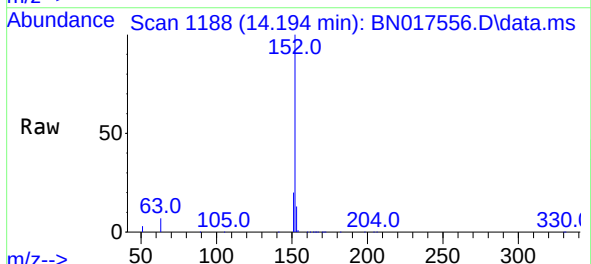
Manual Integrations
APPROVED

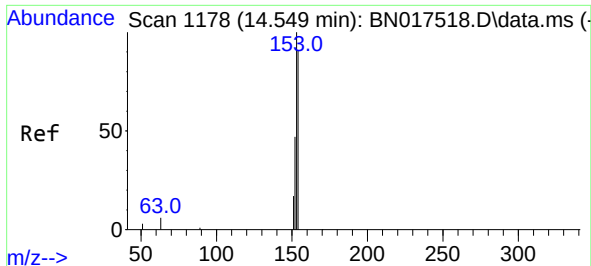
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#16
Acenaphthylene
Concen: 0.446 ng
RT: 14.194 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

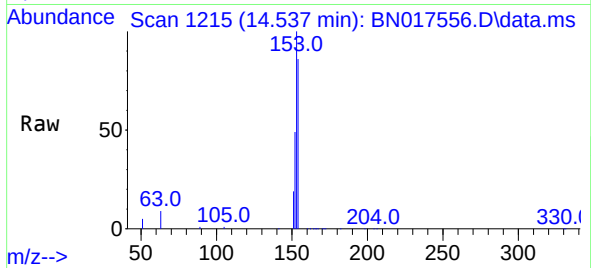
Tgt Ion:152 Resp: 130210
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.0 10.4 15.6





#17
Acenaphthene
Concen: 0.408 ng
RT: 14.537 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

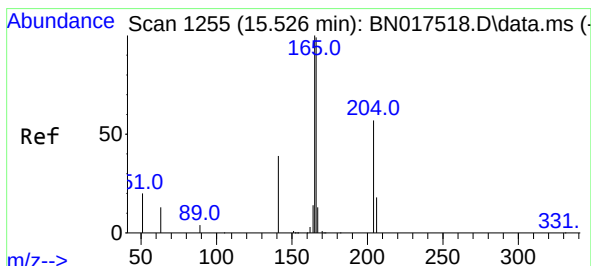
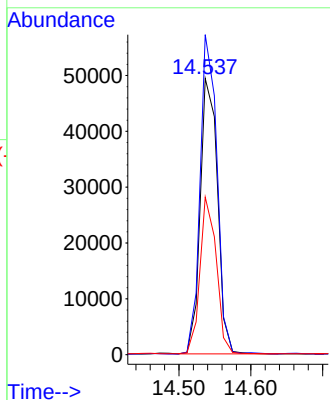
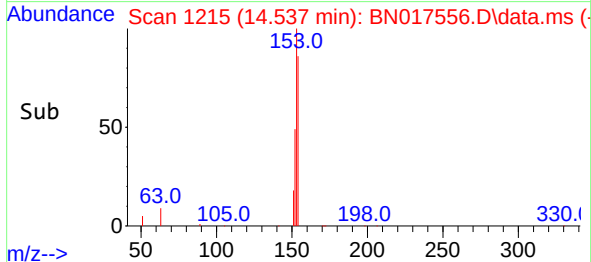
Instrument : BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



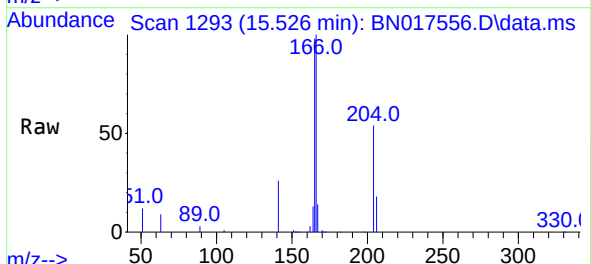
Tgt Ion:154 Resp: 8240
Ion Ratio Lower Upper
154 100
153 113.1 91.2 136.8
152 53.8 44.3 66.5

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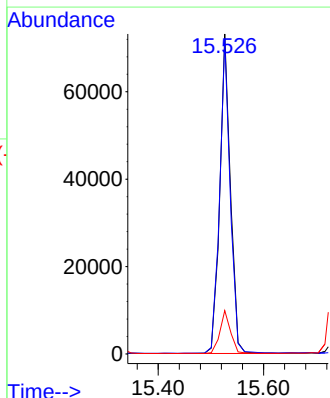
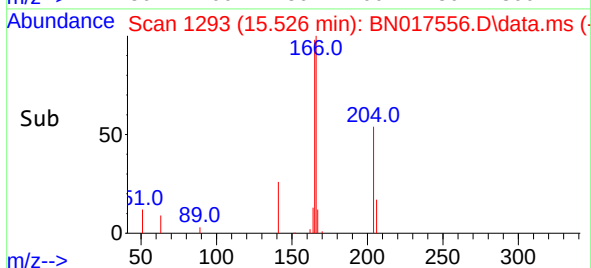
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

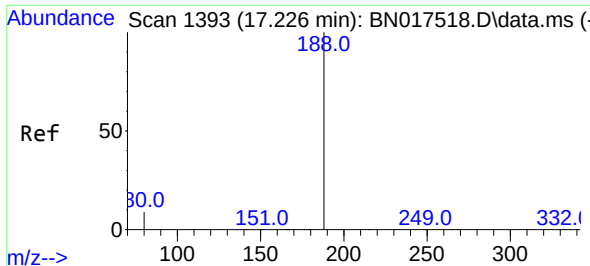


#18
Fluorene
Concen: 0.421 ng
RT: 15.526 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



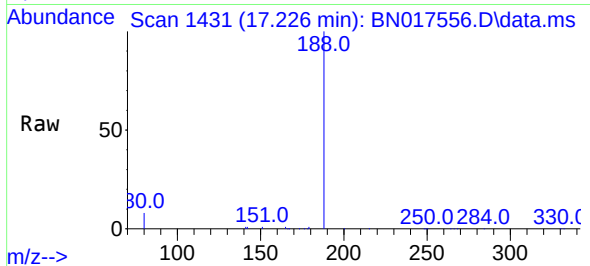
Tgt Ion:166 Resp: 102300
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 13.5 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

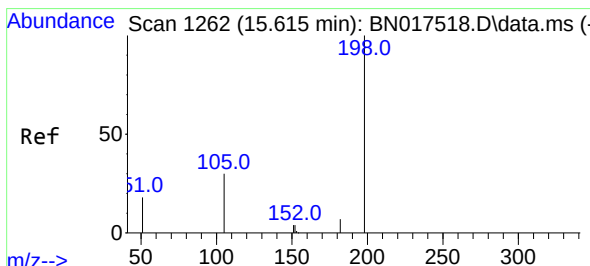
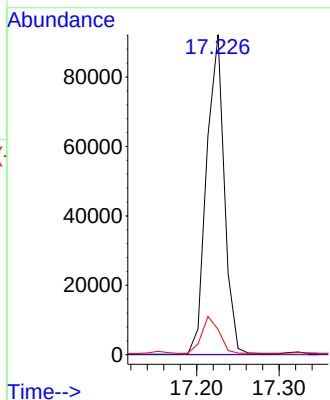
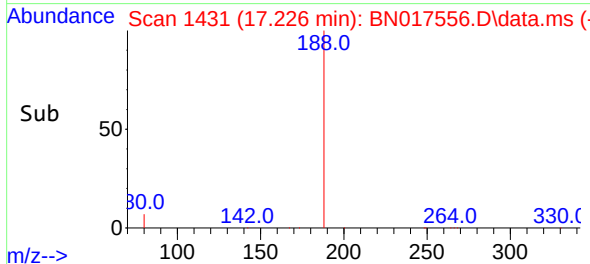
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



Tgt Ion:188 Resp: 137749
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.9 6.1 9.1

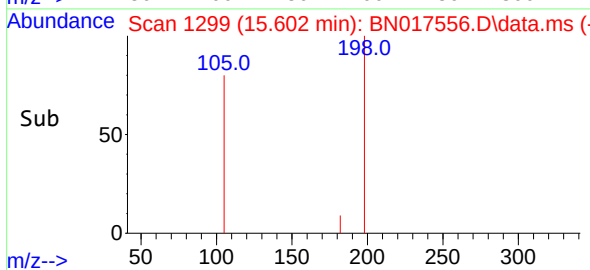
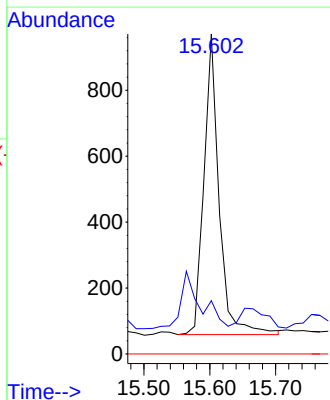
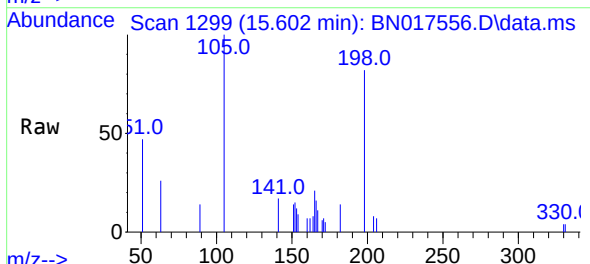
Manual Integrations
APPROVED

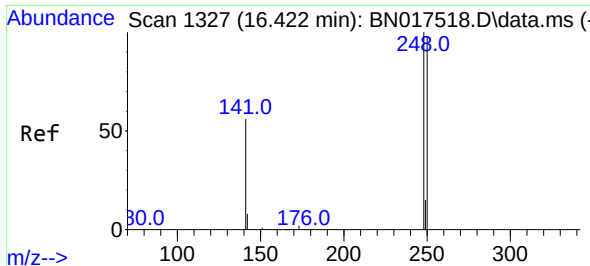
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#20
4,6-Dinitro-2-methylphenol
Concen: 0.349 ng
RT: 15.602 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

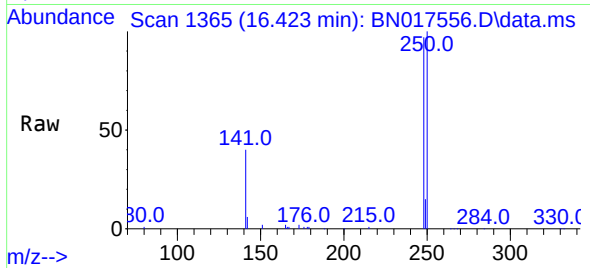
Tgt Ion:198 Resp: 1458
Ion Ratio Lower Upper
198 100
182 16.7 11.4 17.2
77 0.0 0.0 0.0





#21
4-Bromophenyl-phenylether
Concen: 0.476 ng
RT: 16.423 min Scan# 1327
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

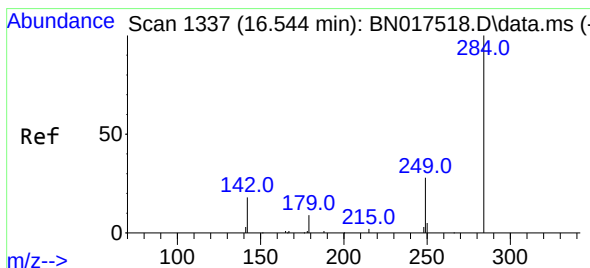
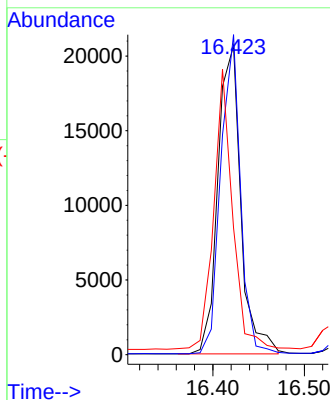
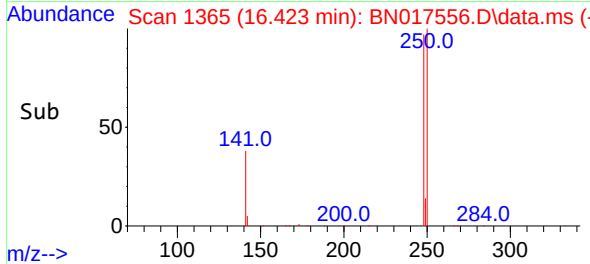
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



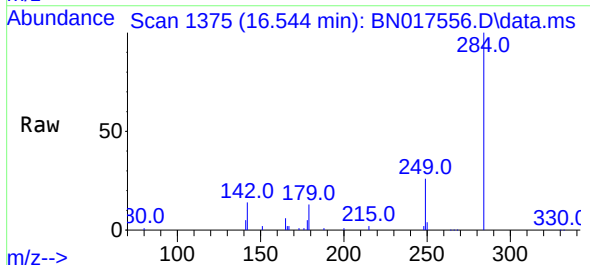
Tgt Ion:248 Resp: 35984
Ion Ratio Lower Upper
248 100
250 103.5 71.8 107.8
141 41.0 70.9 106.3

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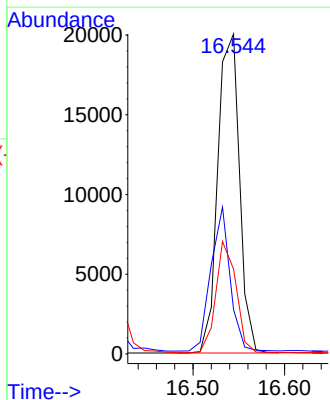
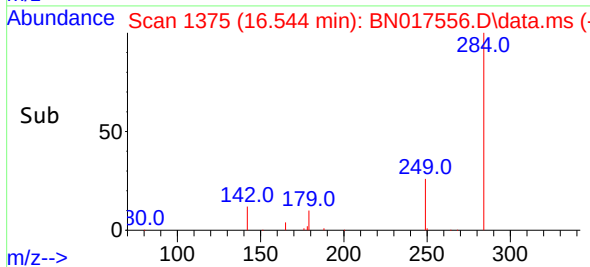
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

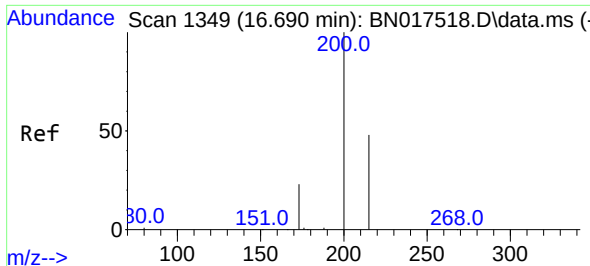


#22
Hexachlorobenzene
Concen: 0.404 ng
RT: 16.544 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



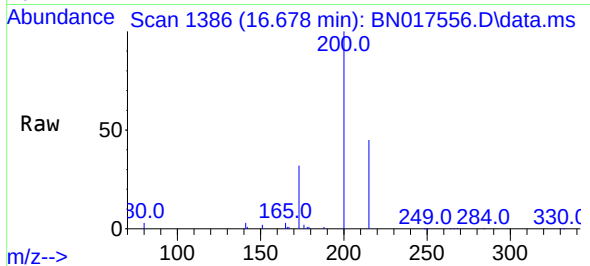
Tgt Ion:284 Resp: 33003
Ion Ratio Lower Upper
284 100
142 39.8 28.2 42.2
249 32.3 24.4 36.6





#23
Atrazine
Concen: 0.586 ng
RT: 16.678 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

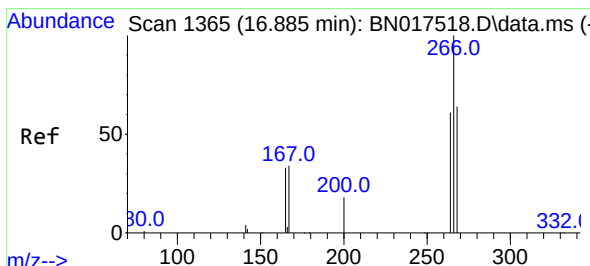
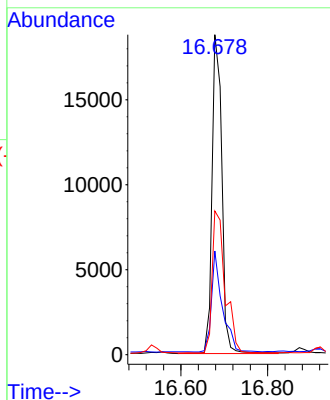
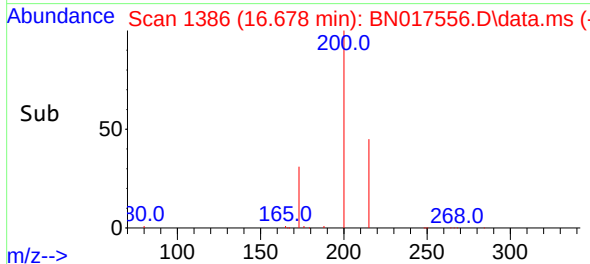
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



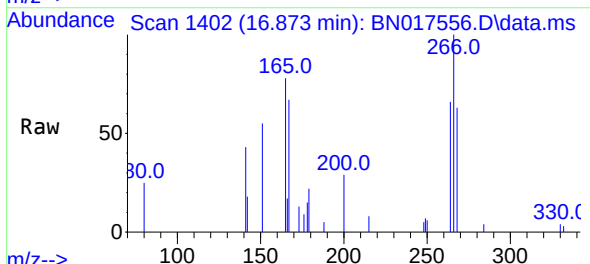
Tgt Ion:200 Resp: 2935
Ion Ratio Lower Upper
200 100
173 32.4 17.6 26.4
215 44.9 40.2 60.4

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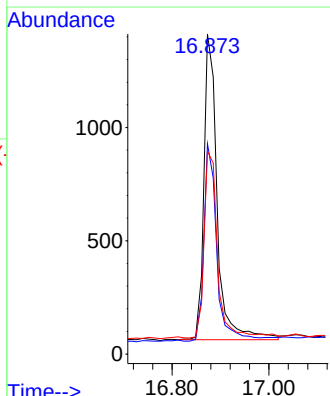
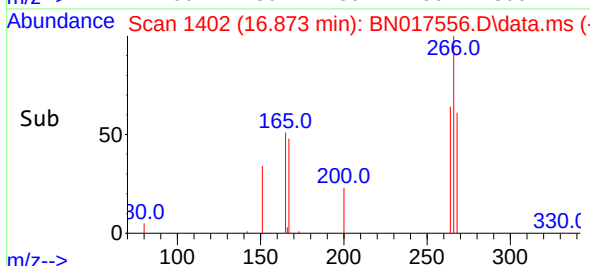
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

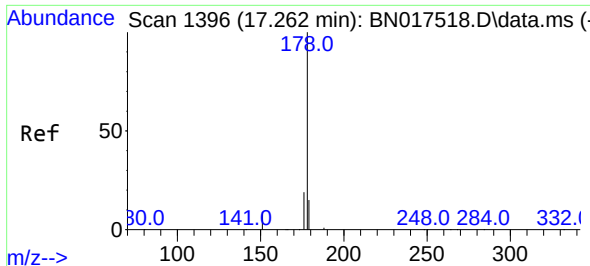


#24
Pentachlorophenol
Concen: 0.271 ng
RT: 16.873 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



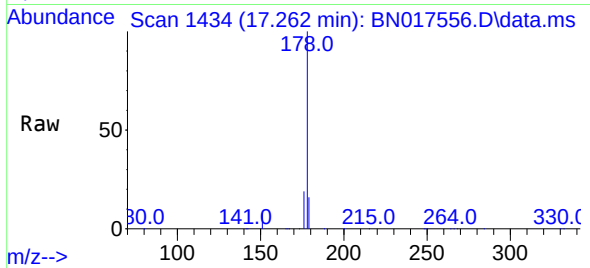
Tgt Ion:266 Resp: 2591
Ion Ratio Lower Upper
266 100
264 62.3 49.8 74.8
268 62.6 51.3 76.9





#25
Phenanthrene
Concen: 0.524 ng
RT: 17.262 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

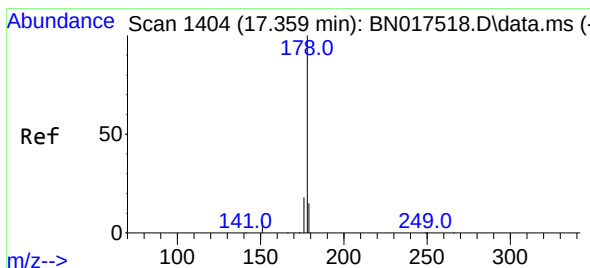
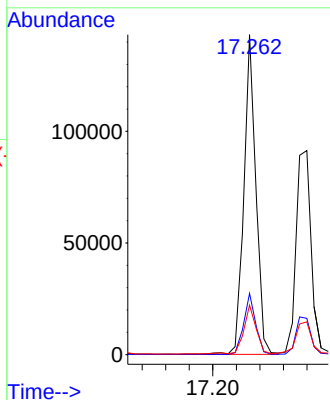
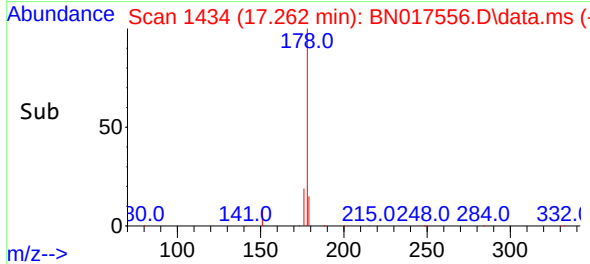
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



Tgt Ion:178 Resp: 202050
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.9 12.3 18.5

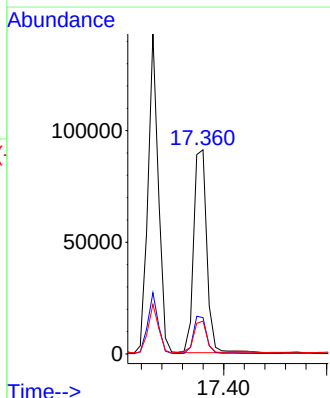
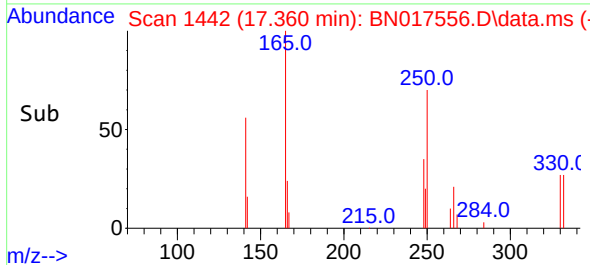
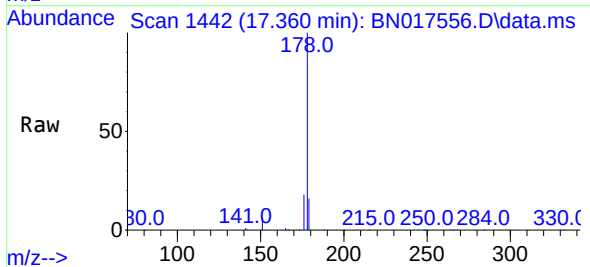
Manual Integrations
APPROVED

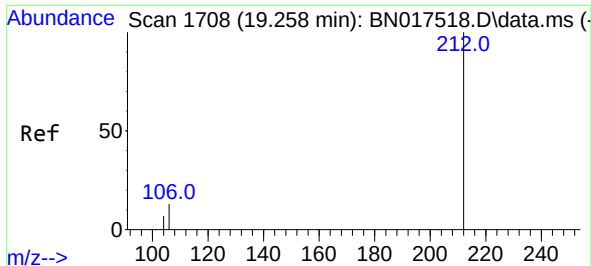
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#26
Anthracene
Concen: 0.490 ng
RT: 17.360 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

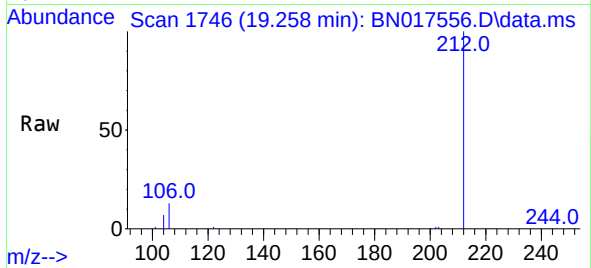
Tgt Ion:178 Resp: 161618
Ion Ratio Lower Upper
178 100
176 18.2 14.6 22.0
179 15.6 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.315 ng
RT: 19.258 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

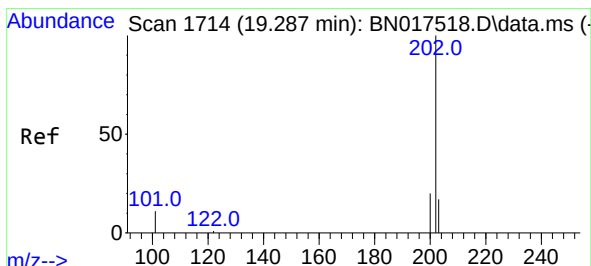
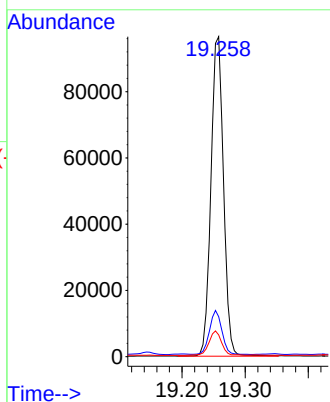
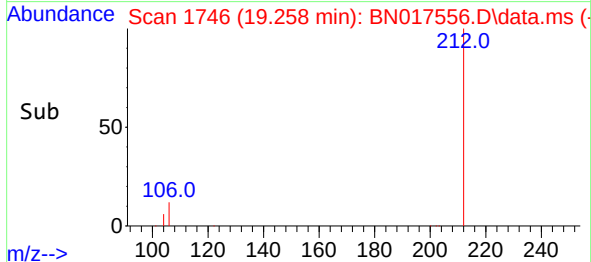
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



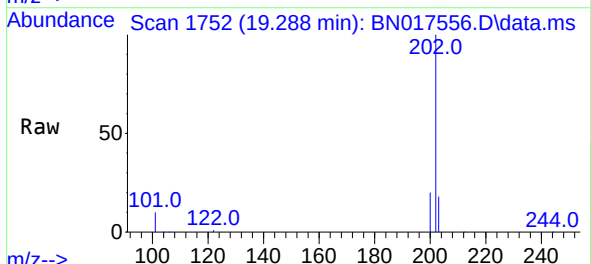
Tgt Ion:212 Resp: 13359
Ion Ratio Lower Upper
212 100
106 13.4 10.5 15.7
104 7.8 5.8 8.6

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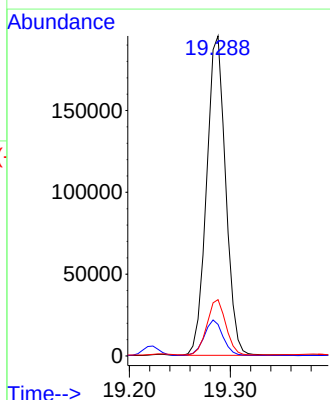
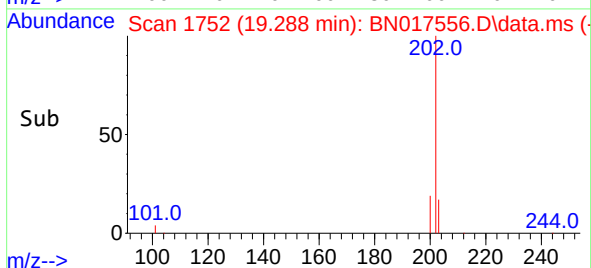
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

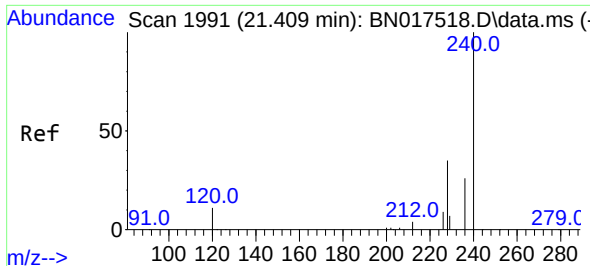


#28
Fluoranthene
Concen: 0.600 ng
RT: 19.288 min Scan# 1752
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



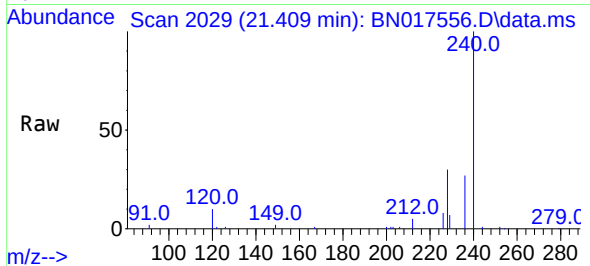
Tgt Ion:202 Resp: 255762
Ion Ratio Lower Upper
202 100
101 11.0 8.9 13.3
203 17.1 13.8 20.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

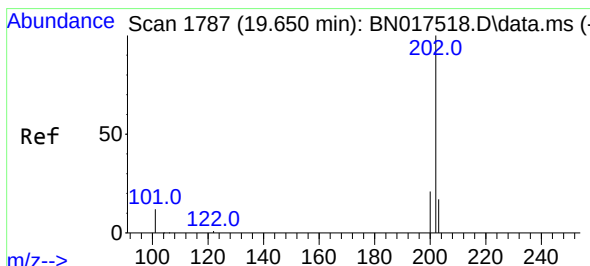
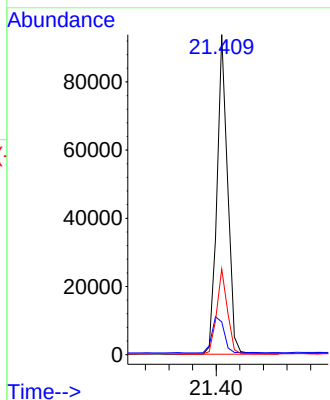
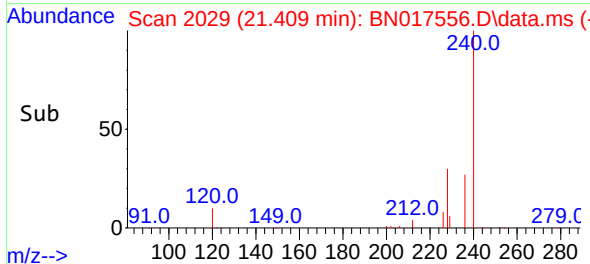
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



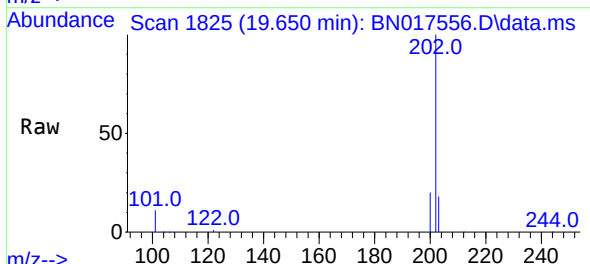
Tgt Ion:240 Resp: 117140
Ion Ratio Lower Upper
240 100
120 10.3 4.2 6.2
236 26.8 20.0 30.0

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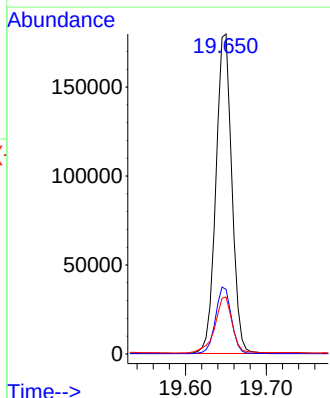
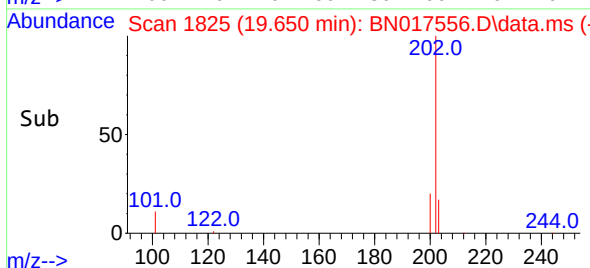
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

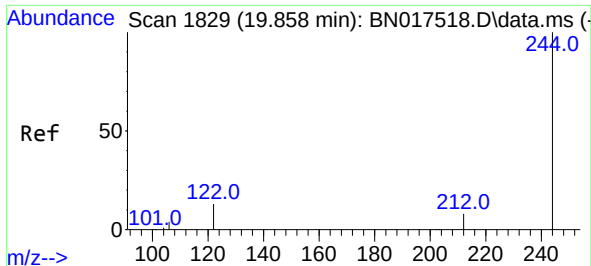


#30
Pyrene
Concen: 0.622 ng
RT: 19.650 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



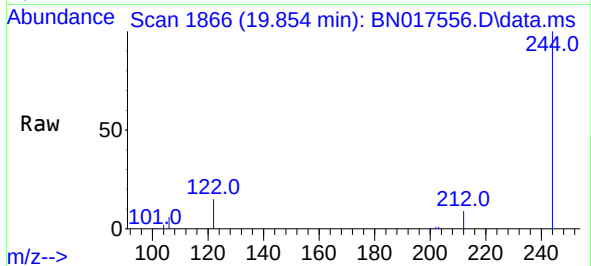
Tgt Ion:202 Resp: 246471
Ion Ratio Lower Upper
202 100
200 20.8 16.5 24.7
203 19.0 14.0 21.0





#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.854 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

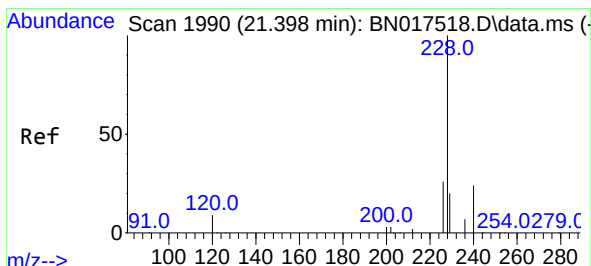
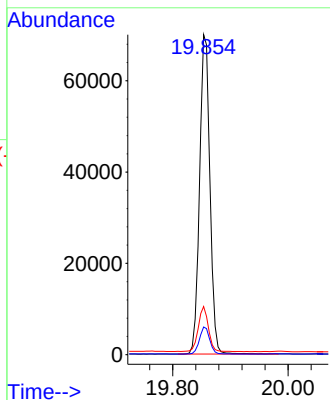
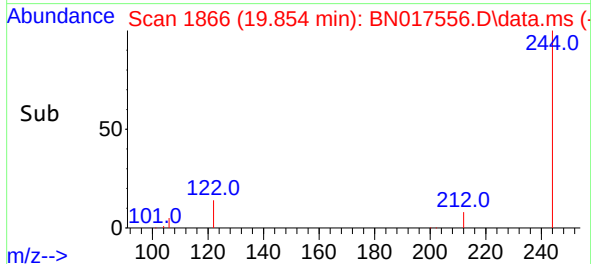
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



Tgt Ion:244 Resp: 86960
Ion Ratio Lower Upper
244 100
212 8.7 5.7 8.5
122 15.1 8.6 13.0

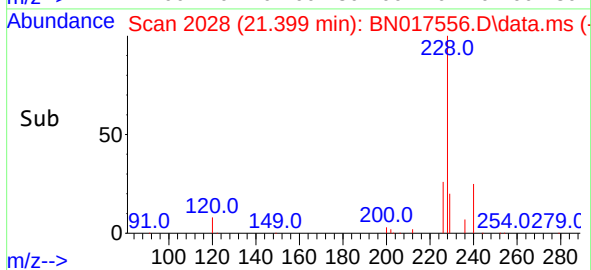
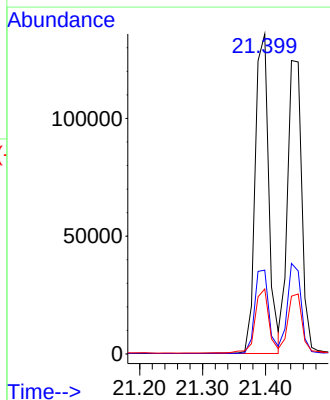
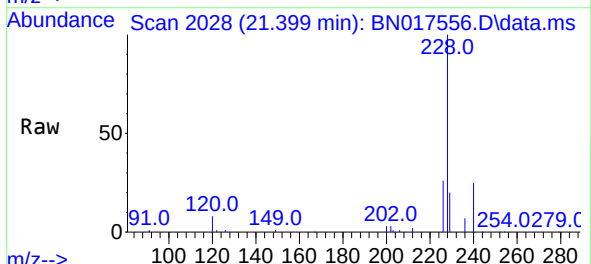
Manual Integrations
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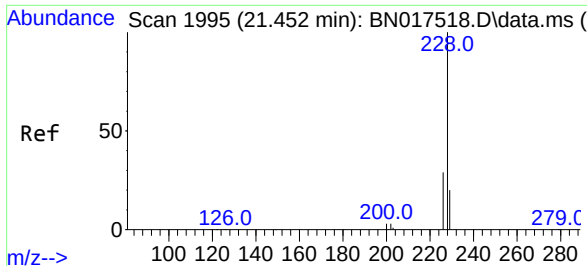
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#32
Benzo(a)anthracene
Concen: 0.559 ng
RT: 21.399 min Scan# 2028
Delta R.T. 0.001 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

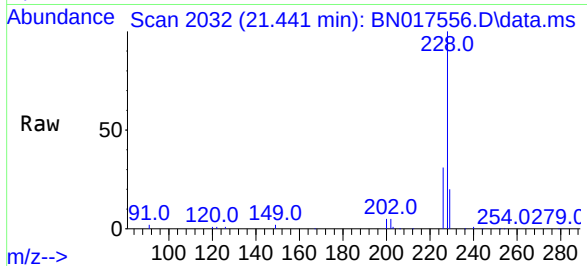
Tgt Ion:228 Resp: 203665
Ion Ratio Lower Upper
228 100
226 26.2 21.3 31.9
229 20.3 15.7 23.5





#33
Chrysene
Concen: 0.499 ng
RT: 21.441 min Scan# 2021
Delta R.T. -0.011 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

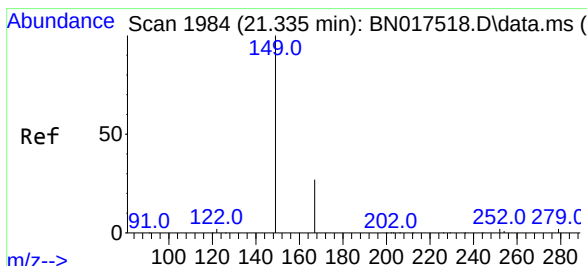
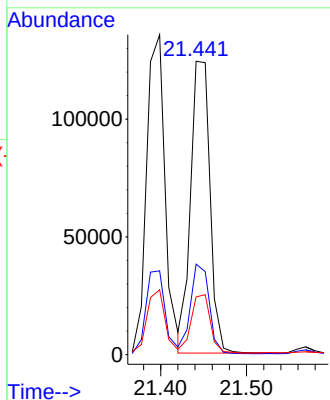
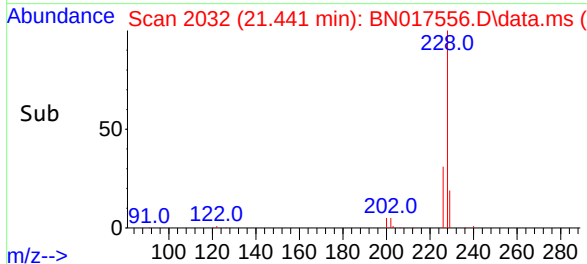
Instrument : BNA_N
ClientSampleId :
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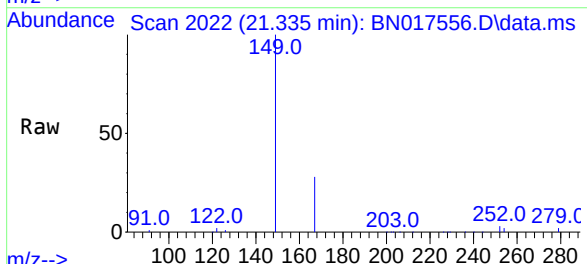
Tgt Ion:228 Resp: 194499
Ion Ratio Lower Upper
228 100
226 30.9 23.3 34.9
229 19.7 15.6 23.4

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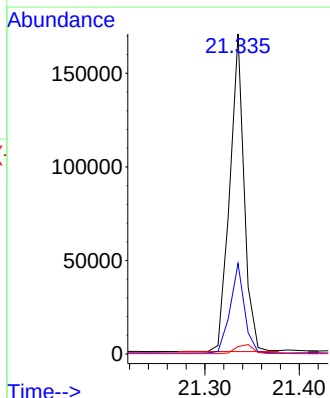
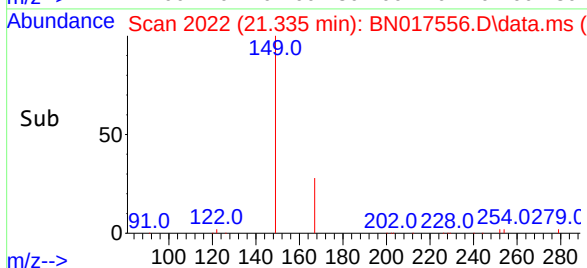
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

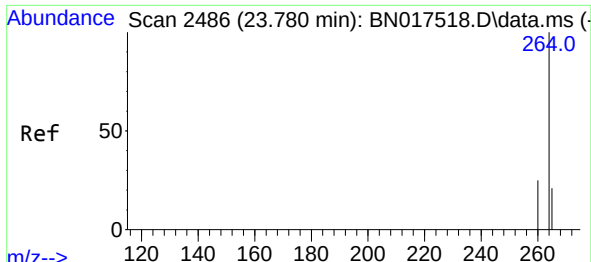


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.029 ng
RT: 21.335 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



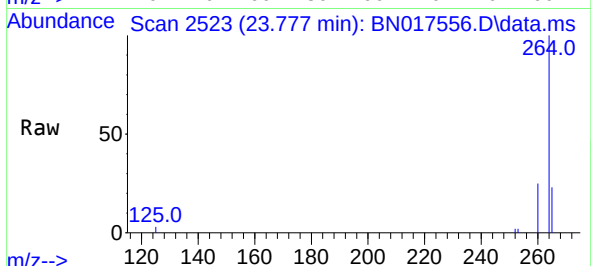
Tgt Ion:149 Resp: 179997
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.6
279 3.4 3.4 5.0





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.777 min Scan# 21
Delta R.T. -0.003 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

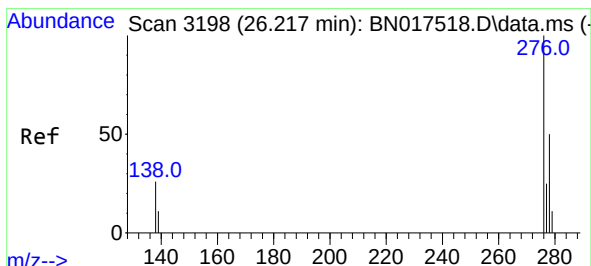
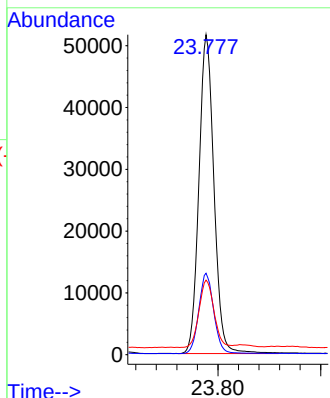
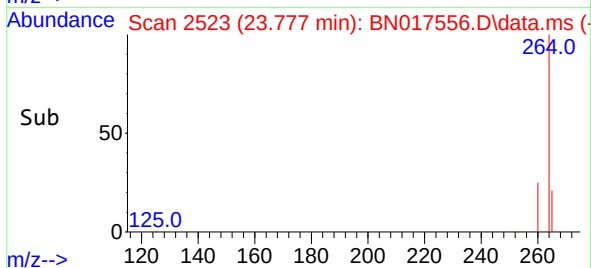
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:264 Resp: 104590
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 23.3 18.6 28.0

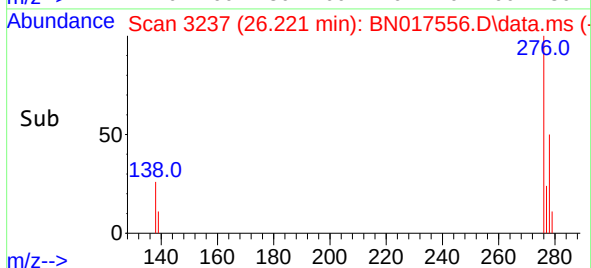
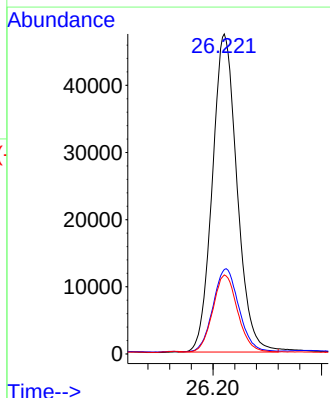
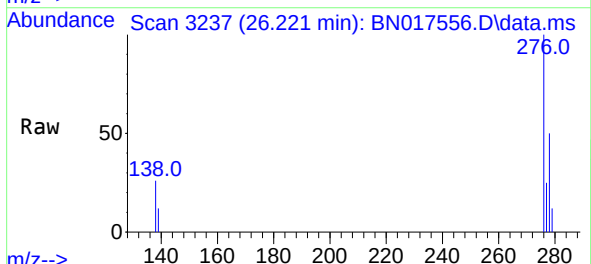
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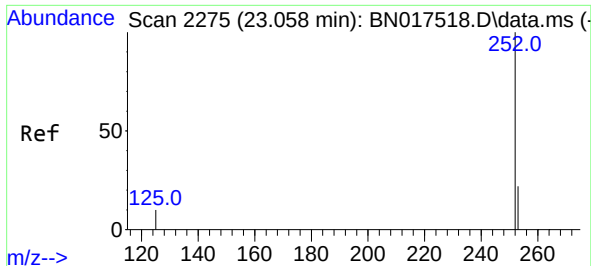
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.469 ng
RT: 26.221 min Scan# 3237
Delta R.T. 0.004 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

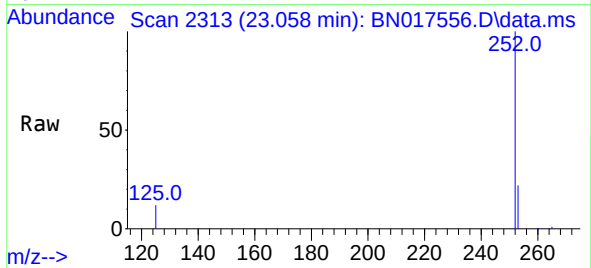
Tgt Ion:276 Resp: 149618
Ion Ratio Lower Upper
276 100
138 27.1 19.7 29.5
277 24.1 20.0 30.0





#37
Benzo(b)fluoranthene
Concen: 0.520 ng
RT: 23.058 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

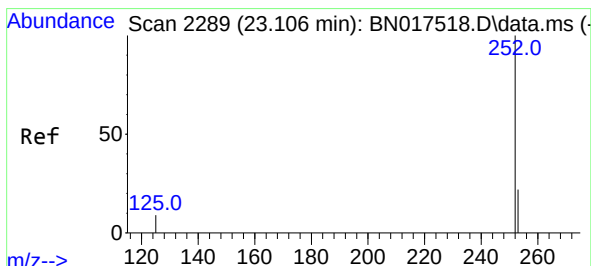
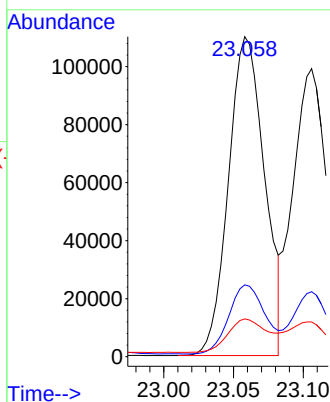
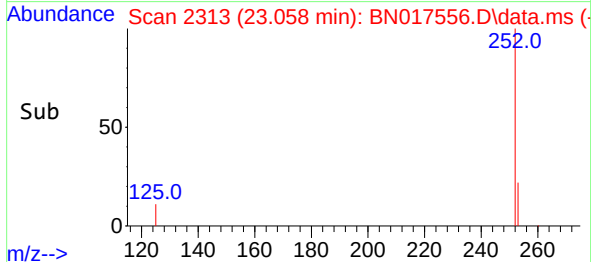
Instrument :
BNA_N
ClientSampleId :
SITE-1-DRILL-CUTTINGS-20211119MSD



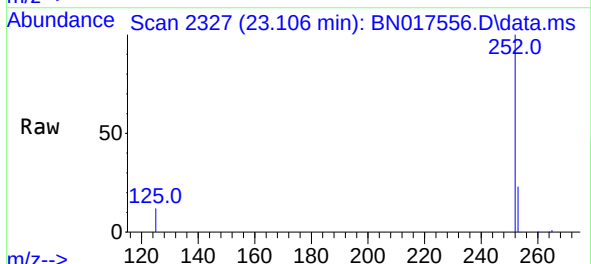
Tgt Ion:252 Resp: 197775
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.8 7.8 11.8

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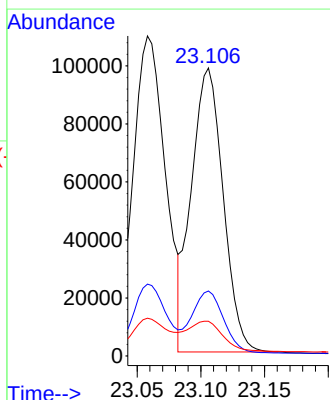
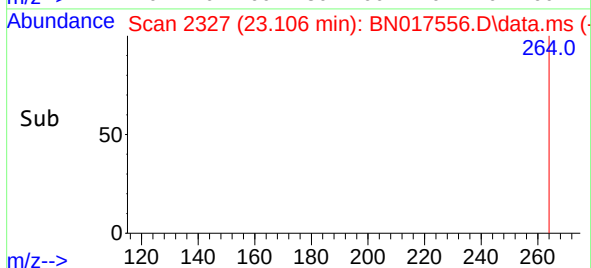
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021

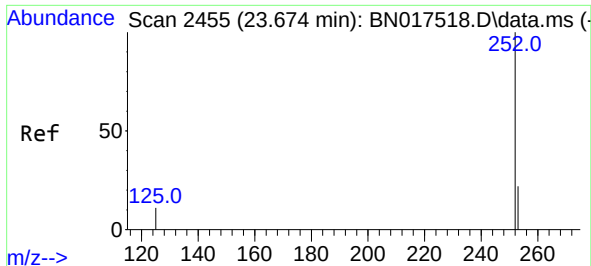


#38
Benzo(k)fluoranthene
Concen: 0.460 ng
RT: 23.106 min Scan# 2327
Delta R.T. -0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58



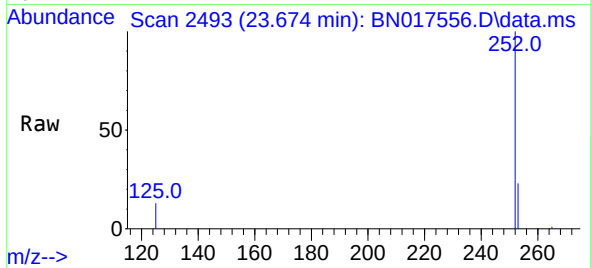
Tgt Ion:252 Resp: 169932
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 12.0 8.2 12.2





#39
Benzo(a)pyrene
Concen: 0.540 ng
RT: 23.674 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

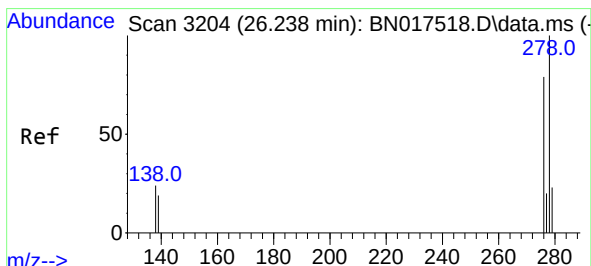
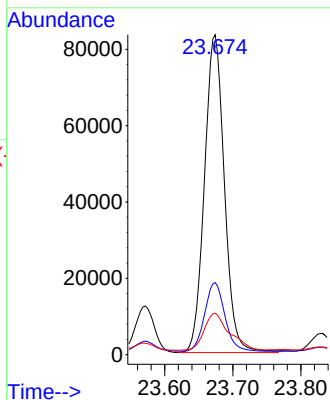
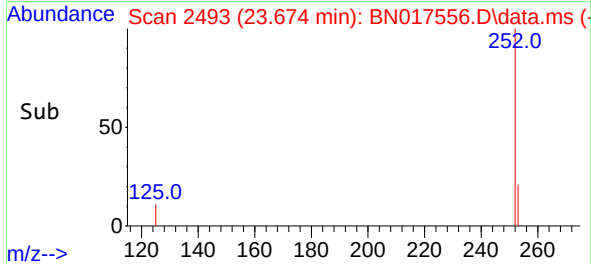
Instrument : BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 169429
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.0 9.2 13.8

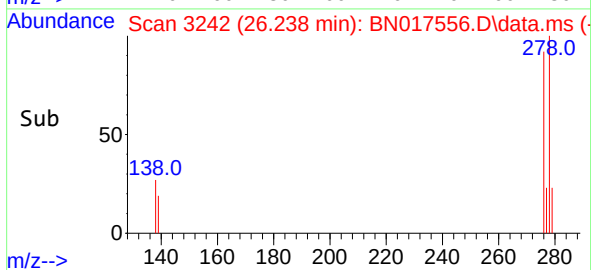
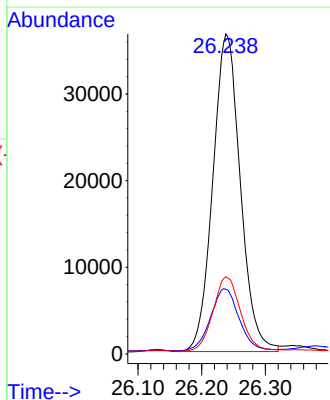
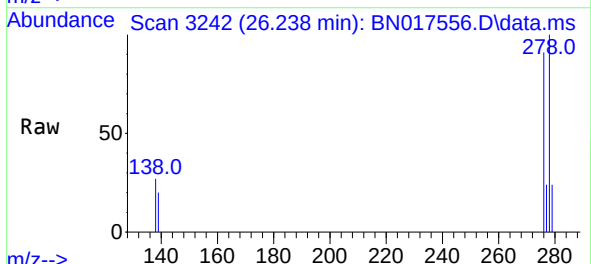
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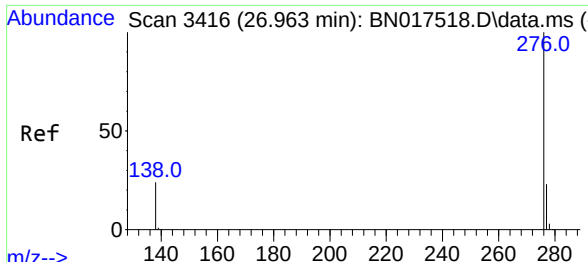
Reviewed By :Jagrut Upadhyay 11/23/2021
Supervised By :mohammad ahmed 11/24/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 26.238 min Scan# 3242
Delta R.T. -0.000 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

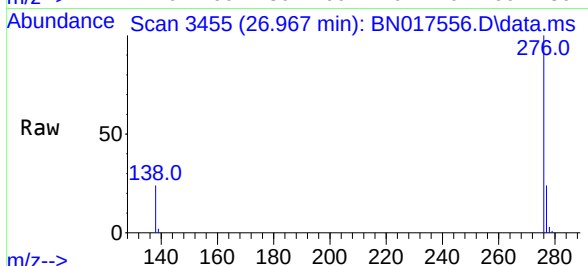
Tgt Ion:278 Resp: 109963
Ion Ratio Lower Upper
278 100
139 20.2 13.0 19.6#
279 24.1 19.2 28.8





#41
Benzo(g,h,i)perylene
Concen: 0.476 ng
RT: 26.967 min Scan# 3416
Delta R.T. 0.004 min
Lab File: BN017556.D
Acq: 22 Nov 2021 21:58

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



Tgt Ion:276 Resp: 130210
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 24.2 17.1 25.7

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

