

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
 Data File : BN017672.D
 Acq On : 02 Dec 2021 05:51
 Operator : CG/JU
 Sample : M4895-03 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLAB-3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 06:21:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.736	152	17668	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	75929	0.400	ng	0.01
13) Acenaphthene-d10	14.359	164	50145	0.400	ng	0.00
19) Phenanthrene-d10	17.104	188	109957	0.400	ng	0.00
29) Chrysene-d12	21.292	240	111550	0.400	ng	# 0.01
35) Perylene-d12	23.588	264	120287	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.357	112	2456	0.061	ng	0.00
5) Phenol-d6	6.915	99	2729	0.064	ng	0.00
8) Nitrobenzene-d5	8.874	82	2657	0.082	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	7286	0.055	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	1479	0.172	ng	0.01
15) 2-Fluorobiphenyl	12.989	172	10393	0.053	ng	0.00
27) Fluoranthene-d10	19.134	212	23165m	0.067	ng	0.00
31) Terphenyl-d14	19.739	244	15632	0.064	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.080	152	13704	0.070	ng	99
25) Phenanthrene	17.141	178	112453	0.373	ng	99
26) Anthracene	17.226	178	17302	0.067	ng	97
28) Fluoranthene	19.164	202	373616	1.095	ng	# 97
30) Pyrene	19.526	202	439970	1.222	ng	97
32) Benzo(a)anthracene	21.271	228	182381	0.538	ng	95
33) Chrysene	21.324	228	251355	0.682	ng	96
34) Bis(2-ethylhexyl)phtha...	21.218	149	35243	0.439	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.940	276	118600	0.304	ng	# 91
37) Benzo(b)fluoranthene	22.897	252	304947	0.765	ng	# 90
38) Benzo(k)fluoranthene	22.935	252	112748m	0.276	ng	
39) Benzo(a)pyrene	23.486	252	155203	0.435	ng	# 88
40) Dibenzo(a,h)anthracene	25.950	278	29489	0.092	ng	# 71
41) Benzo(g,h,i)perylene	26.659	276	118126	0.360	ng	94

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

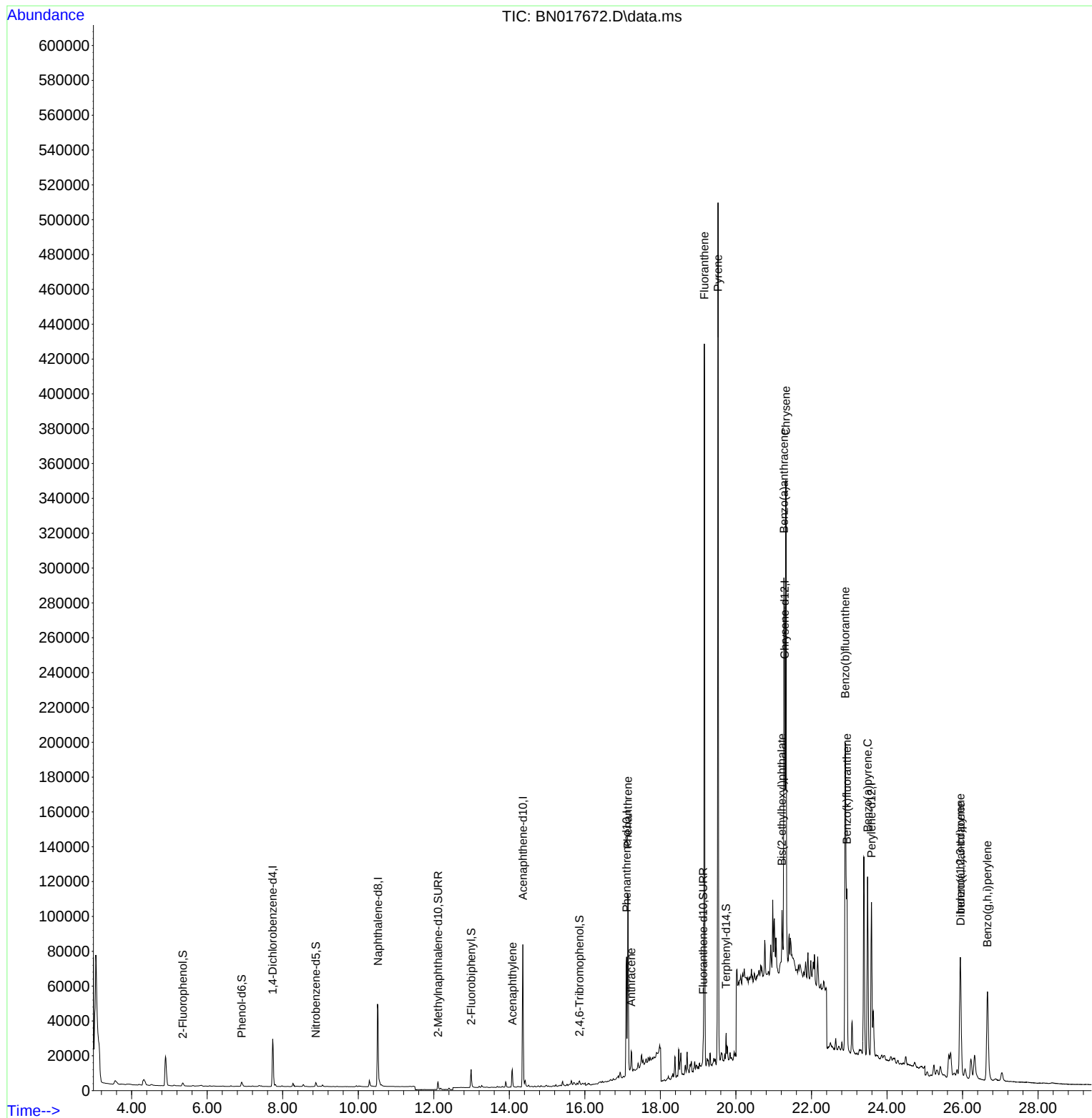
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017672.D
Acq On : 02 Dec 2021 05:51
Operator : CG/JU
Sample : M4895-03 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

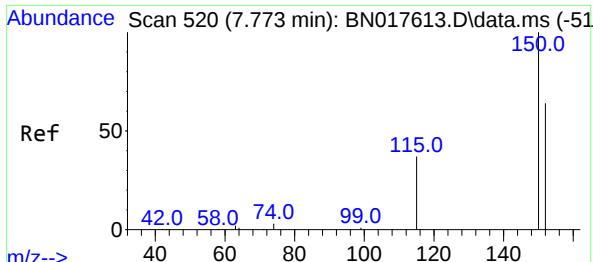
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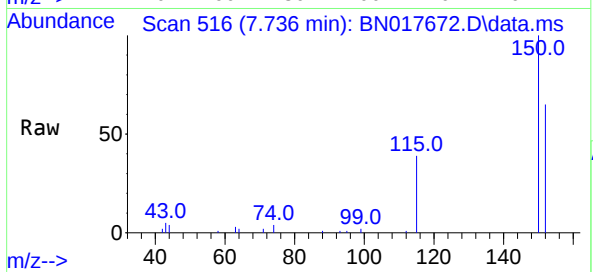
Quant Time: Dec 02 06:21:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.736 min Scan# 516
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

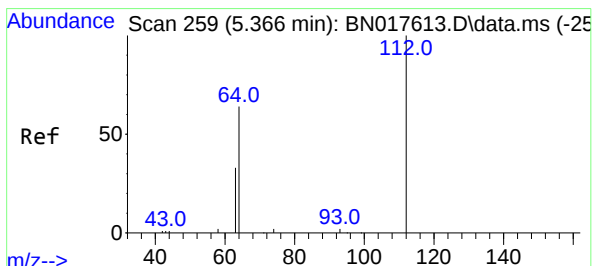
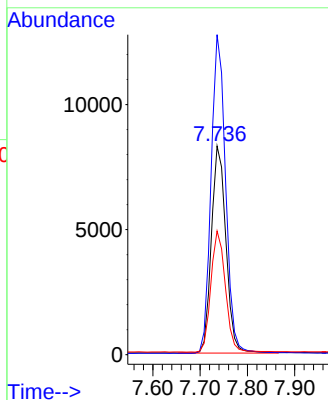
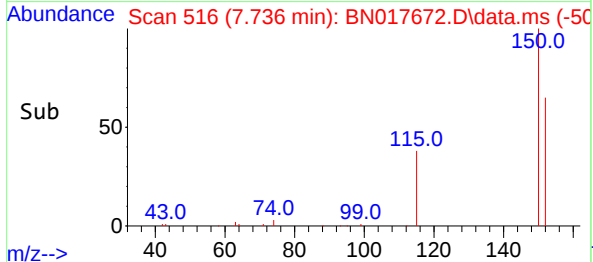
Instrument :
BNA_N
ClientSampleId :
SLAB-3



Tgt Ion:152 Resp: 1766
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 59.3 45.6 68.4

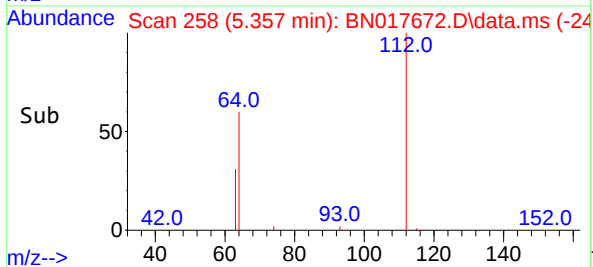
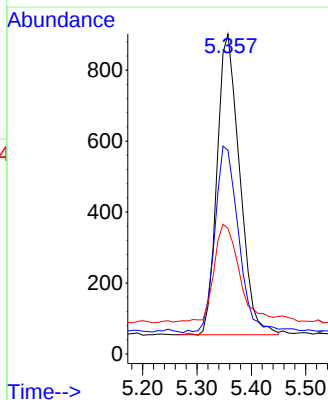
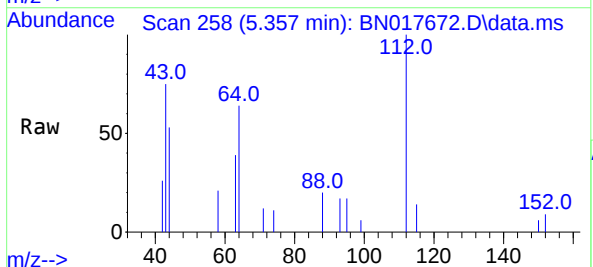
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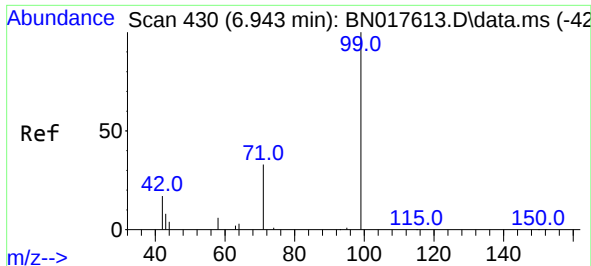
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.357 min Scan# 258
Delta R.T. 0.009 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

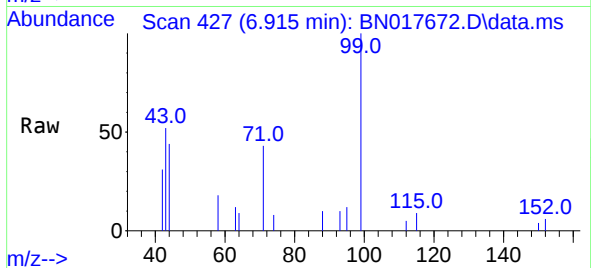
Tgt Ion:112 Resp: 2456
Ion Ratio Lower Upper
112 100
64 64.9 47.6 71.4
63 35.4 24.6 37.0





#5
Phenol-d6
Concen: 0.064 ng
RT: 6.915 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

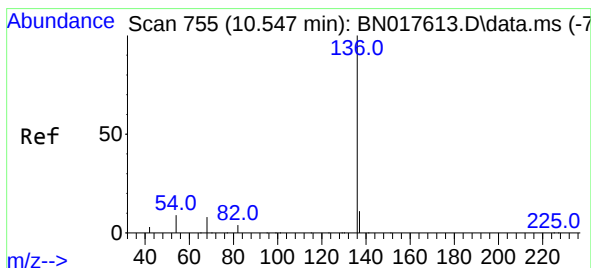
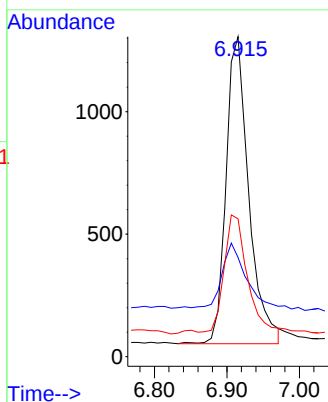
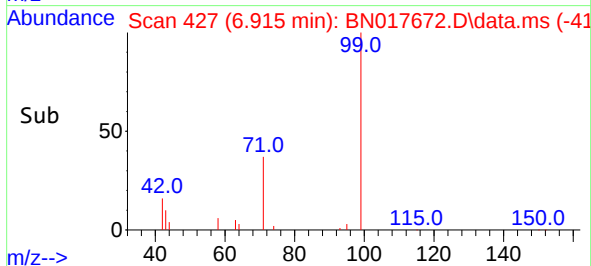
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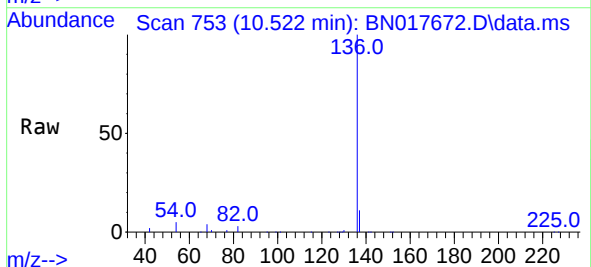
Tgt Ion: 99 Resp: 2729
Ion Ratio Lower Upper
99 100
42 21.3 17.0 25.6
71 38.4 24.8 37.2

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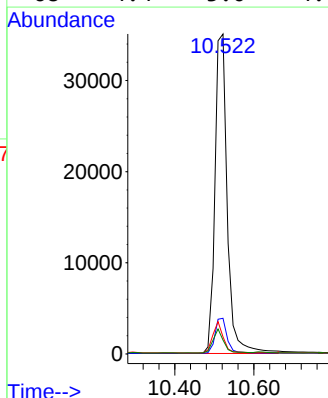
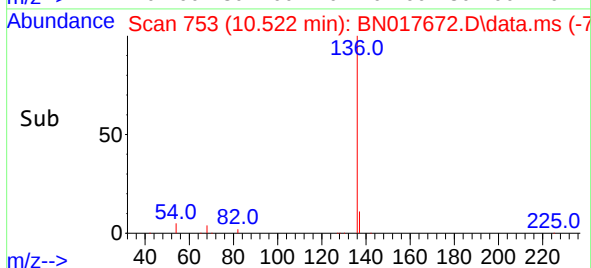
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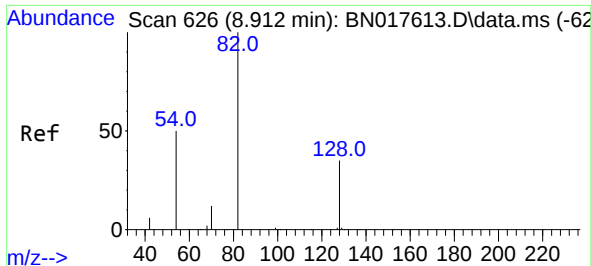


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. 0.013 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51



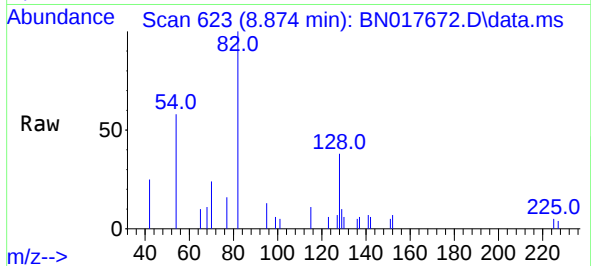
Tgt Ion:136 Resp: 75929
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.3 4.0 6.0
68 4.4 3.0 4.6





#8
Nitrobenzene-d5
Concen: 0.082 ng
RT: 8.874 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

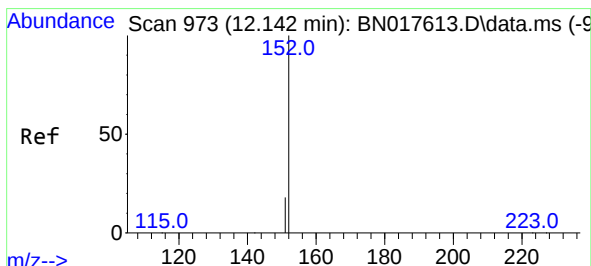
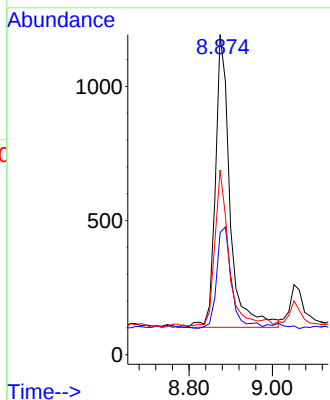
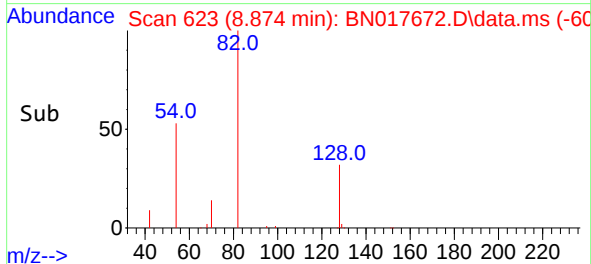
Instrument :
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Tgt Ion: 82 Resp: 265
Ion Ratio Lower Upper
82 100
128 38.1 27.7 41.5
54 57.7 49.2 73.8

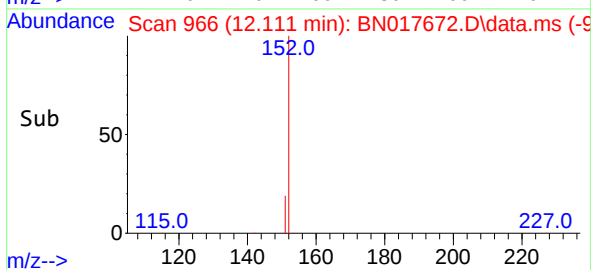
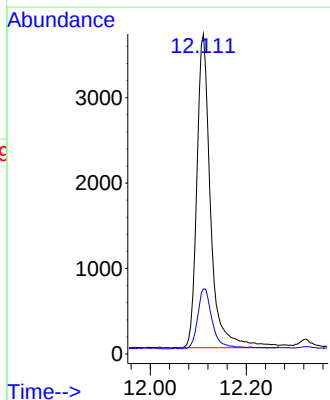
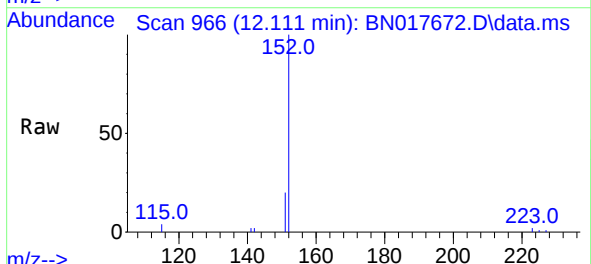
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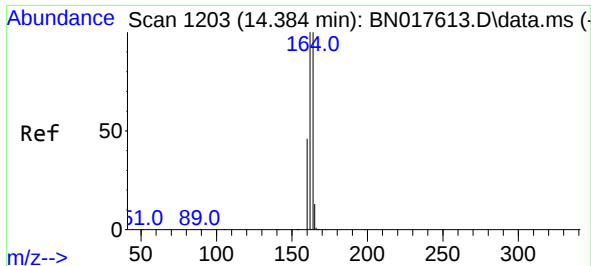
Reviewed By :Jagrut Upadhyay 12/02/2021
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#11
2-Methylnaphthalene-d10
Concen: 0.055 ng
RT: 12.111 min Scan# 966
Delta R.T. 0.004 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

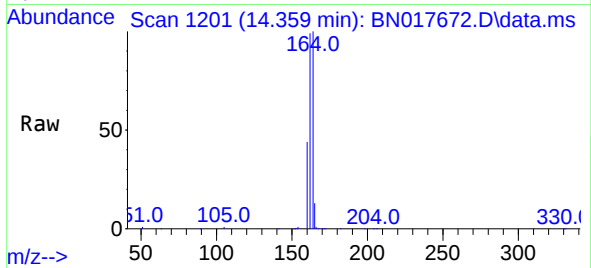
Tgt Ion:152 Resp: 7286
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

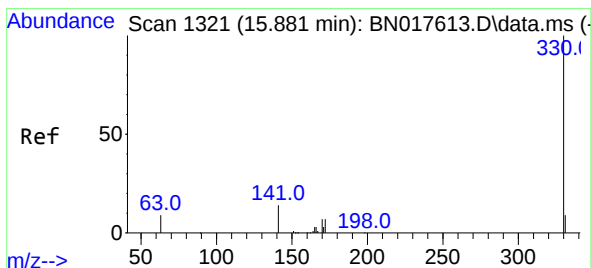
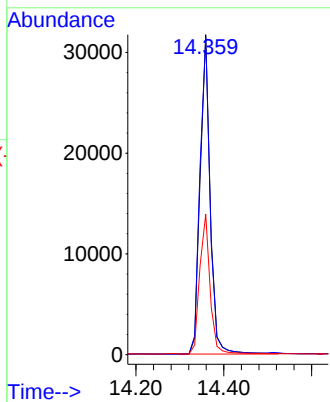
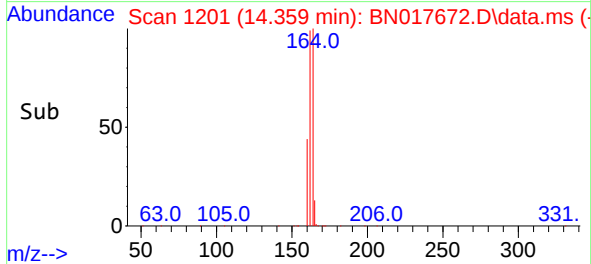
Instrument :
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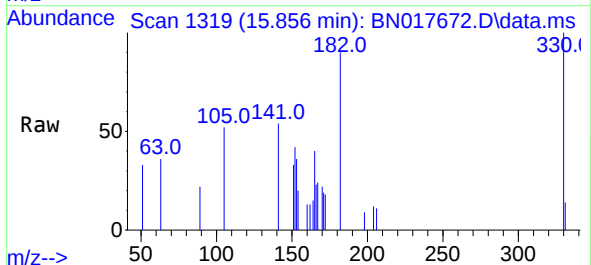
Tgt Ion:164 Resp: 5014
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 43.9 36.8 55.2

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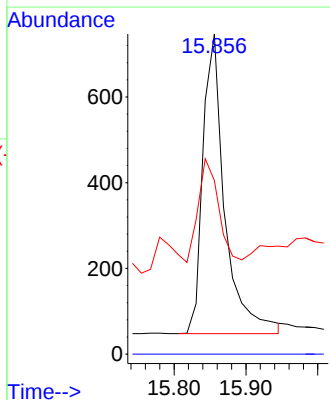
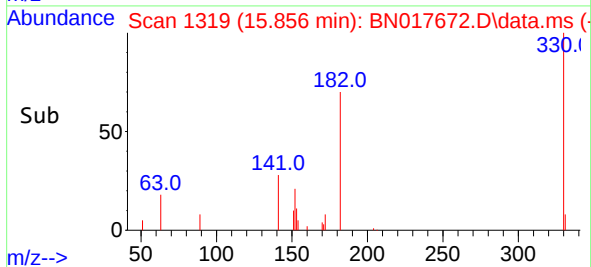
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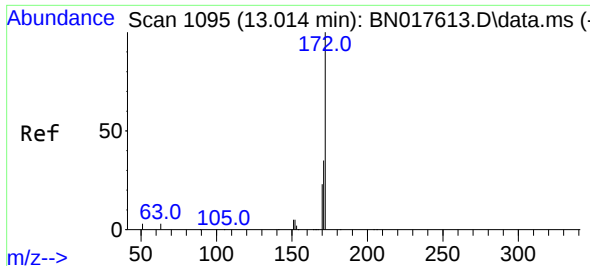


#14
2,4,6-Tribromophenol
Concen: 0.172 ng
RT: 15.856 min Scan# 1319
Delta R.T. 0.013 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51



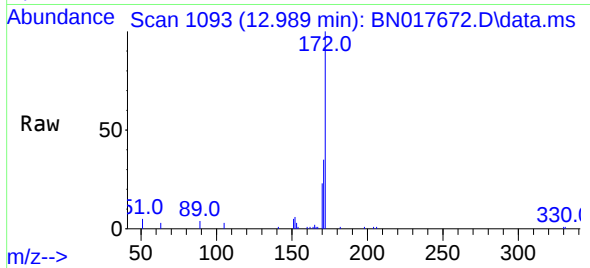
Tgt Ion:330 Resp: 1479
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.9 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.053 ng
RT: 12.989 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

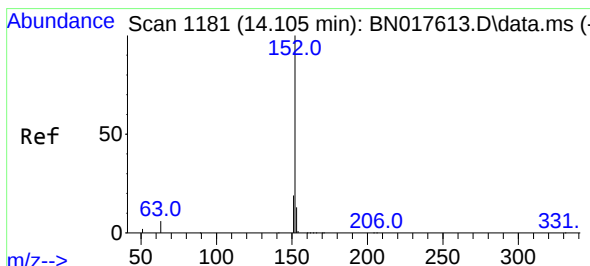
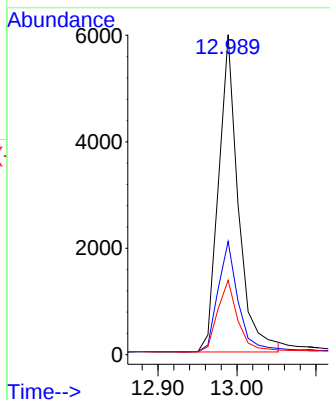
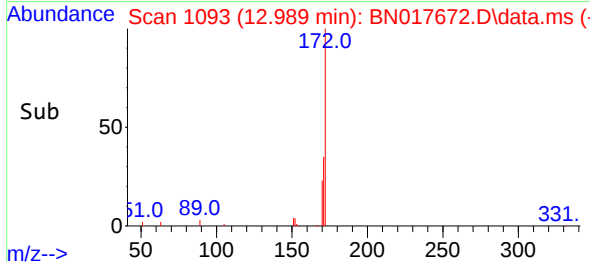
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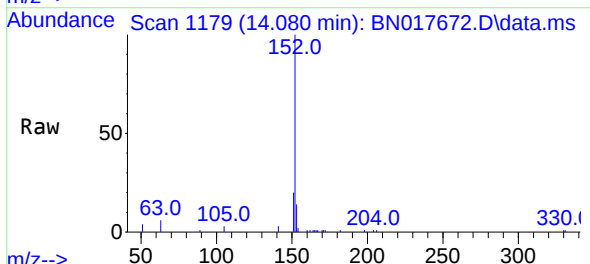
Tgt Ion:172 Resp: 1039
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.2 19.4 29.2

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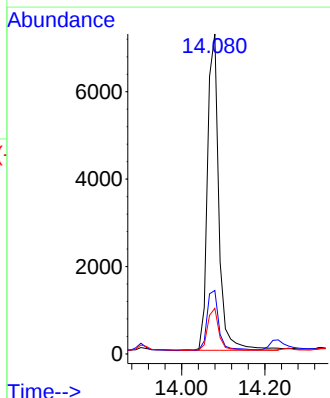
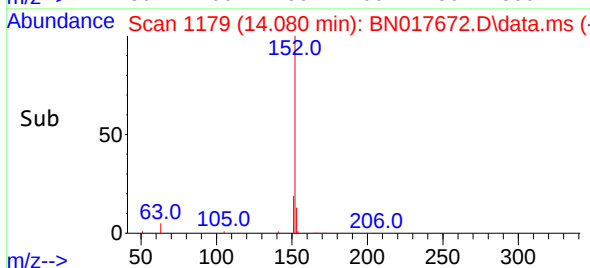
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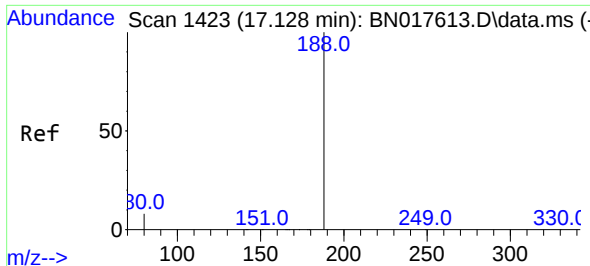


#16
Acenaphthylene
Concen: 0.070 ng
RT: 14.080 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51



Tgt Ion:152 Resp: 13704
Ion Ratio Lower Upper
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151 20.1 15.5 23.3
153 13.1 10.4 15.6





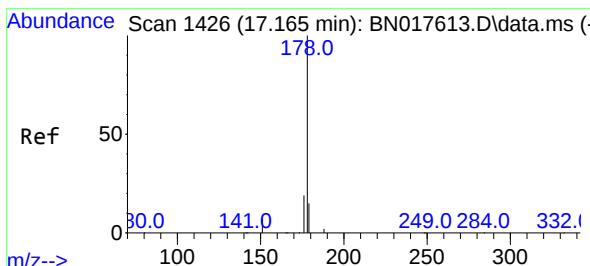
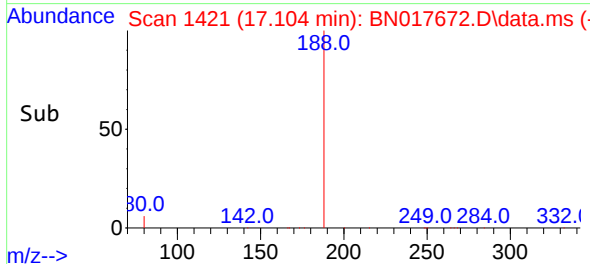
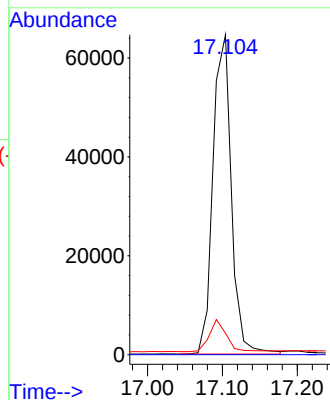
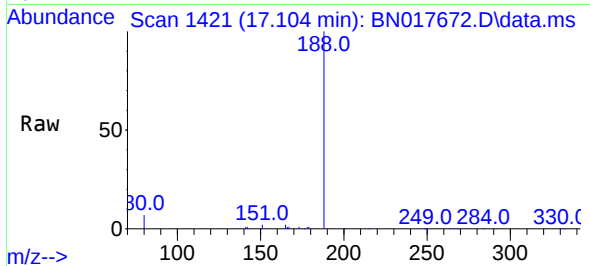
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.104 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

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Tgt Ion:188 Resp: 10995
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.1 9.1

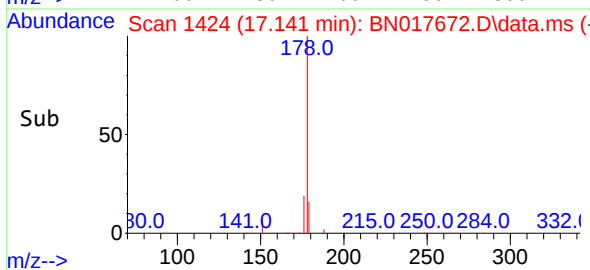
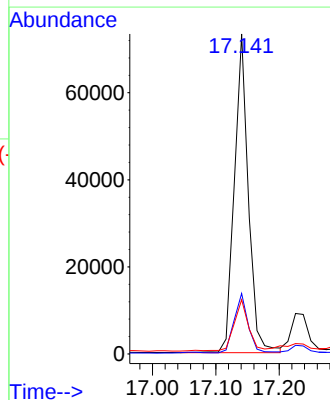
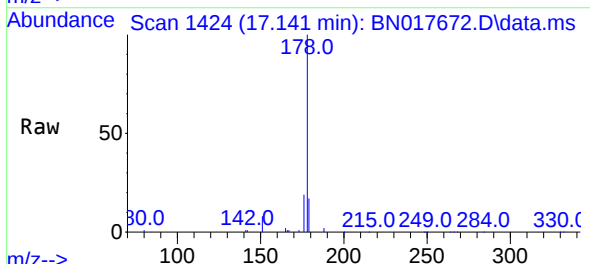
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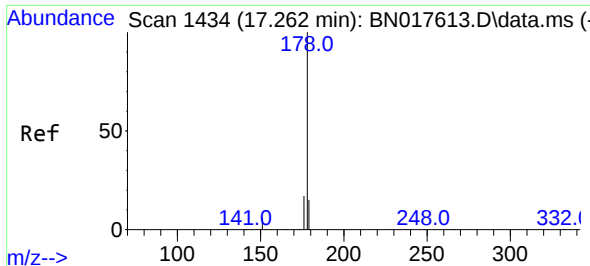
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#25
Phenanthrene
Concen: 0.373 ng
RT: 17.141 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

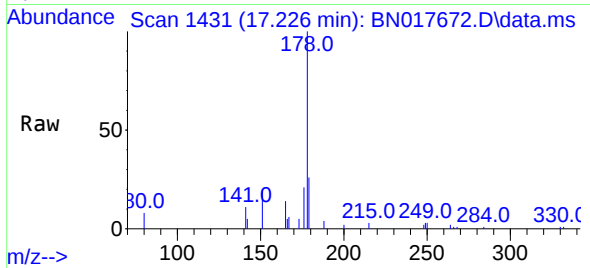
Tgt Ion:178 Resp: 112453
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.9 12.3 18.5





#26
 Anthracene
 Concen: 0.067 ng
 RT: 17.226 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51

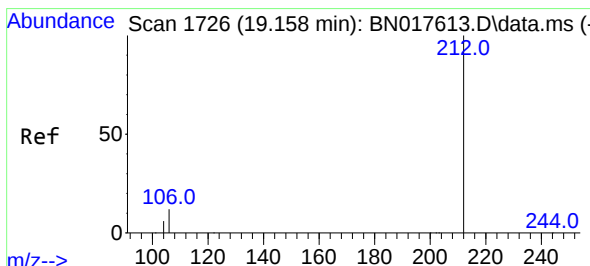
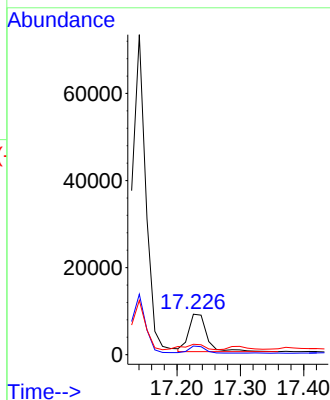
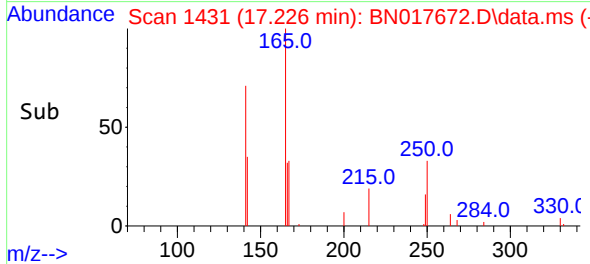
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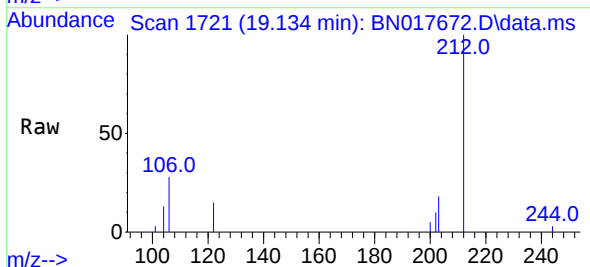
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 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 17.5 12.2 18.4

Manual Integrations
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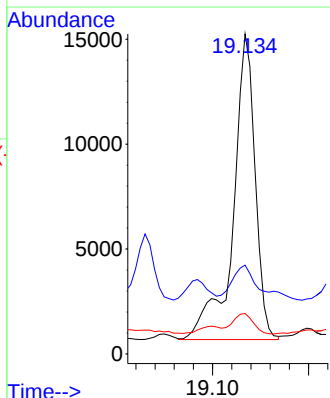
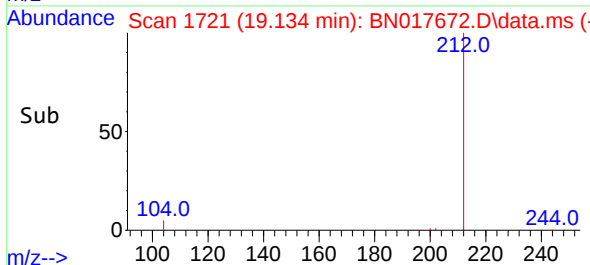
Reviewed By :Jagrut Upadhyay 12/02/2021
 Supervised By :mohammad ahmed 12/05/2021

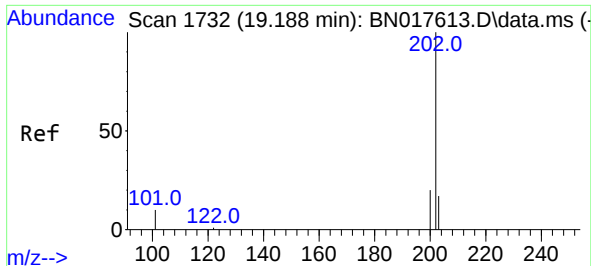


#27
 Fluoranthene-d10
 Concen: 0.067 ng m
 RT: 19.134 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: BN017672.D
 Acq: 02 Dec 2021 05:51



Tgt Ion:212 Resp: 23165
 Ion Ratio Lower Upper
 212 100
 106 13.7 10.5 15.7
 104 6.3 5.8 8.6





#28
Fluoranthene
Concen: 1.095 ng
RT: 19.164 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :

BNA_N

ClientSampleId :

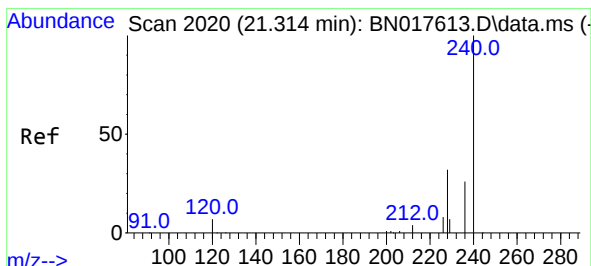
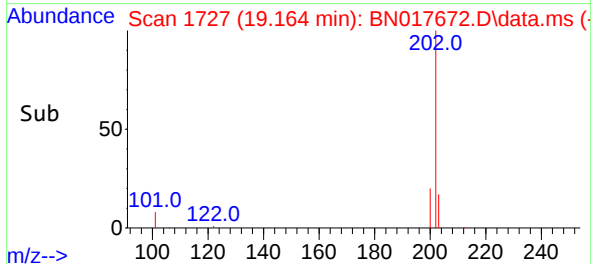
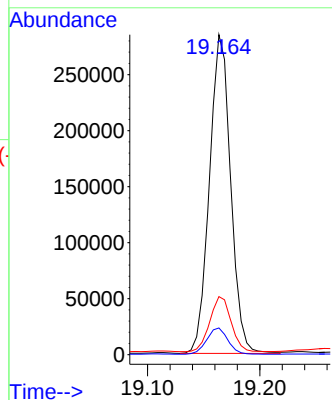
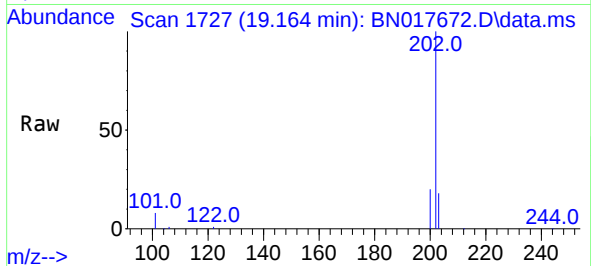
SLAB-3

Tgt Ion:202 Resp: 373610
Ion Ratio Lower Upper
202 100
101 8.2 8.9 13.3
203 17.2 13.8 20.6

Manual Integrations

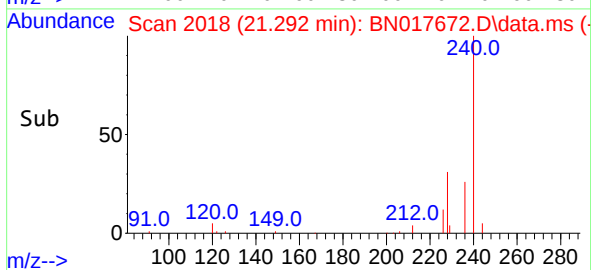
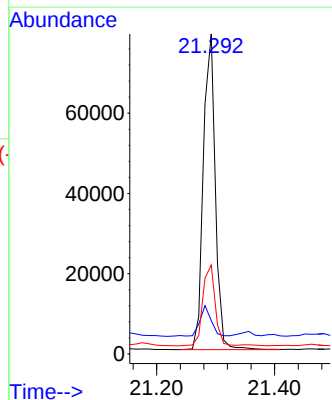
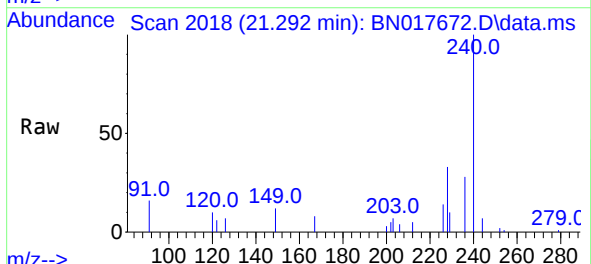
APPROVED

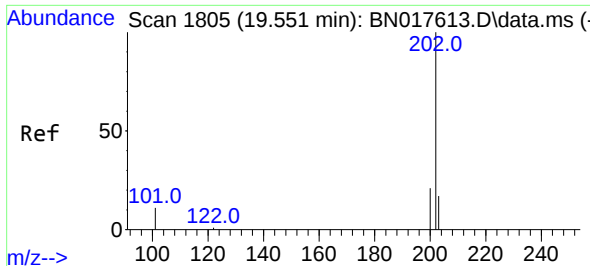
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.292 min Scan# 2018
Delta R.T. 0.011 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:240 Resp: 111550
Ion Ratio Lower Upper
240 100
120 10.5 4.2 6.2
236 27.8 20.0 30.0





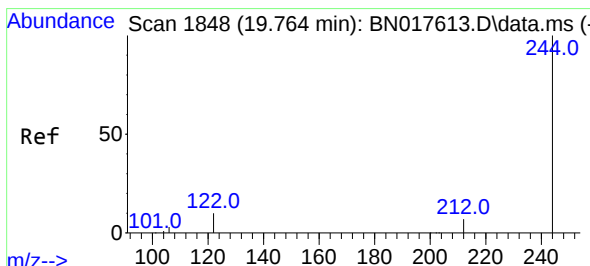
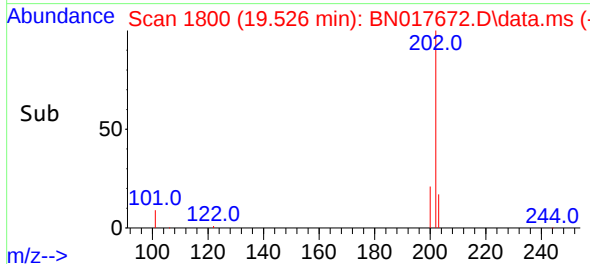
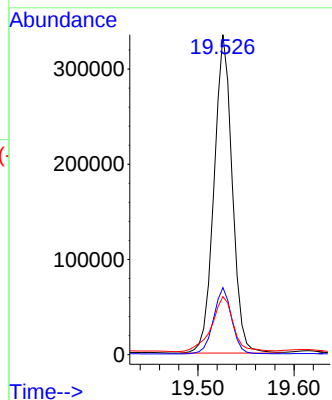
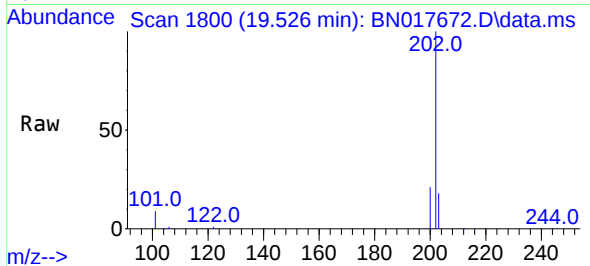
#30
Pyrene
Concen: 1.222 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :
BNA_N
ClientSampleId :
SLAB-3

Tgt Ion:202 Resp: 439970
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 20.5 14.0 21.0

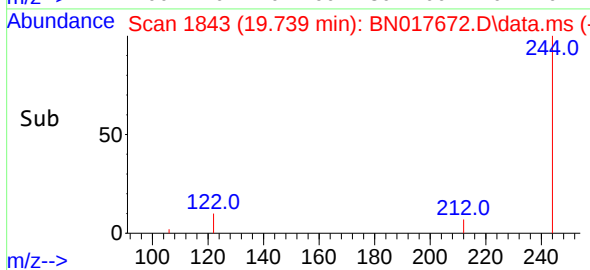
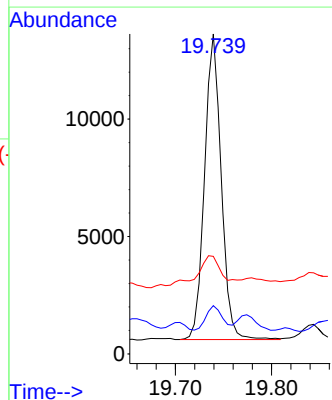
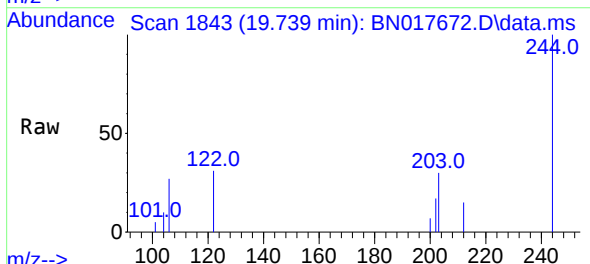
Manual Integrations
APPROVED

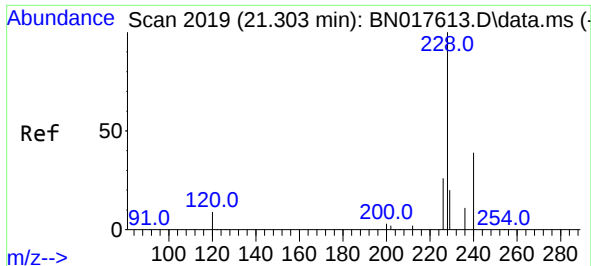
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#31
Terphenyl-d14
Concen: 0.064 ng
RT: 19.739 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:244 Resp: 15632
Ion Ratio Lower Upper
244 100
212 15.1 5.7 8.5#
122 30.5 8.6 13.0#





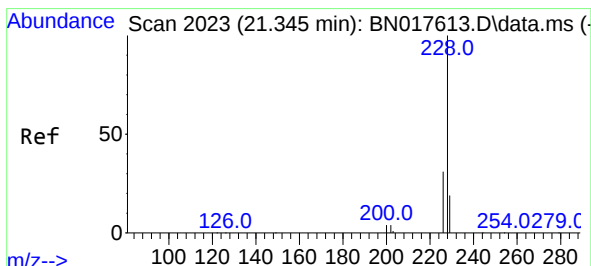
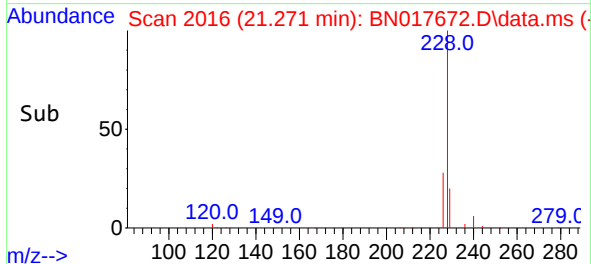
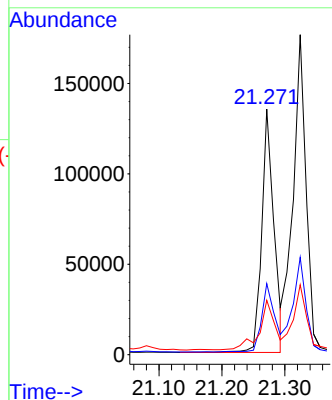
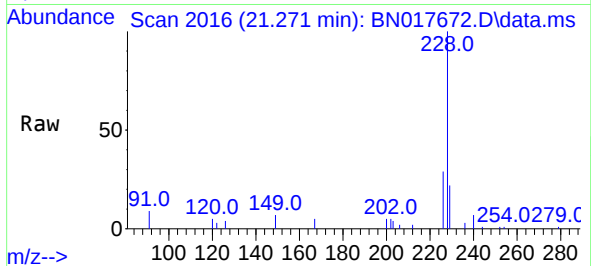
#32
Benzo(a)anthracene
Concen: 0.538 ng
RT: 21.271 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :
BNA_N
ClientSampleId :
SLAB-3

Tgt Ion:228 Resp: 18238
Ion Ratio Lower Upper
228 100
226 28.9 21.3 31.9
229 22.1 15.7 23.5

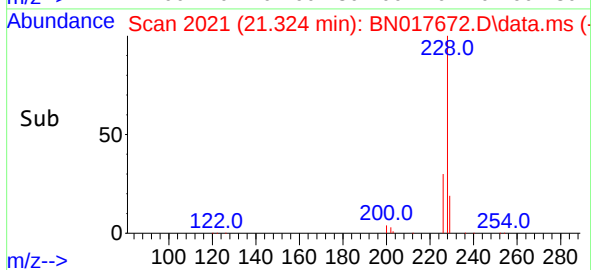
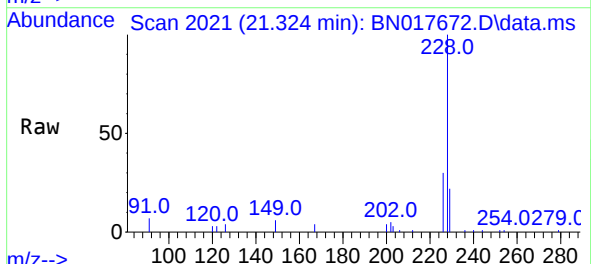
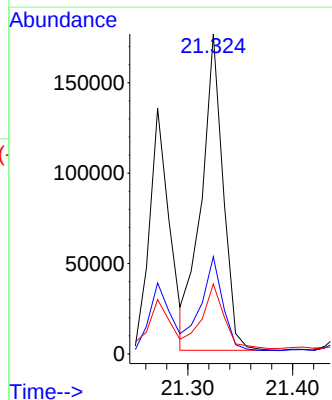
Manual Integrations
APPROVED

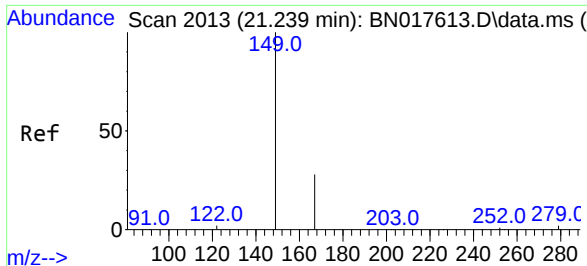
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#33
Chrysene
Concen: 0.682 ng
RT: 21.324 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

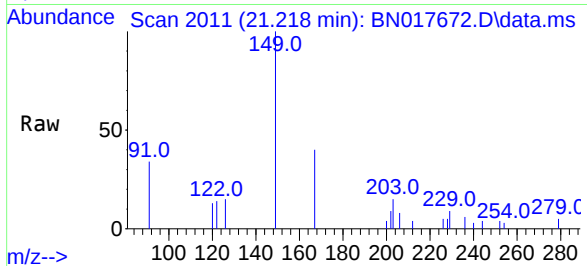
Tgt Ion:228 Resp: 251355
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 21.8 15.6 23.4





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

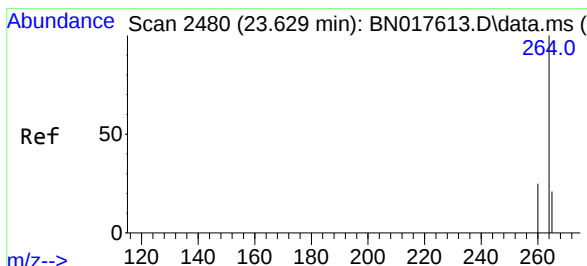
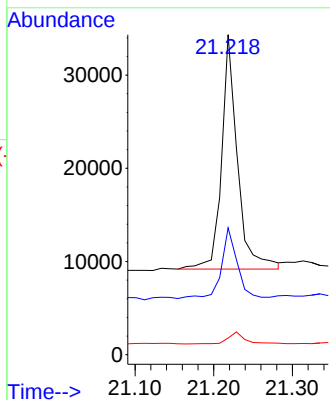
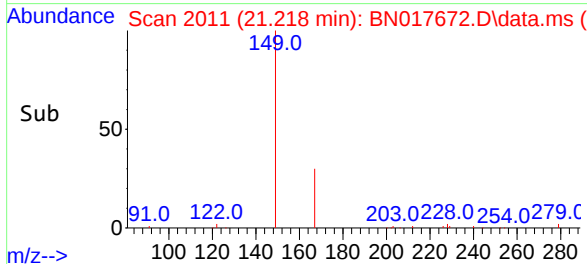
Instrument :
BNA_N
ClientSampleId :
SLAB-3



Tgt Ion:149 Resp: 3524
Ion Ratio Lower Upper
149 100
167 30.4 21.8 32.6
279 5.5 3.4 5.0

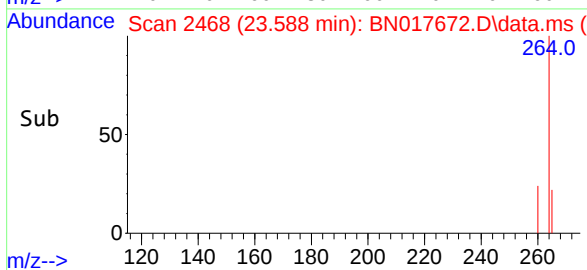
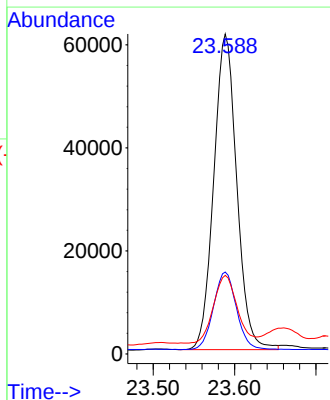
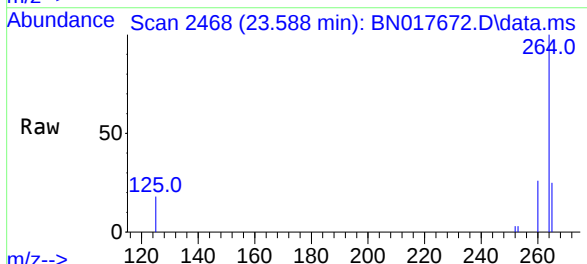
Manual Integrations
APPROVED

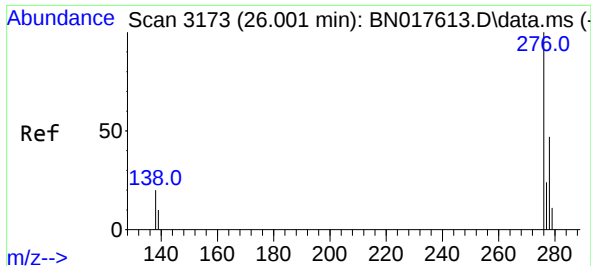
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.588 min Scan# 2468
Delta R.T. 0.007 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

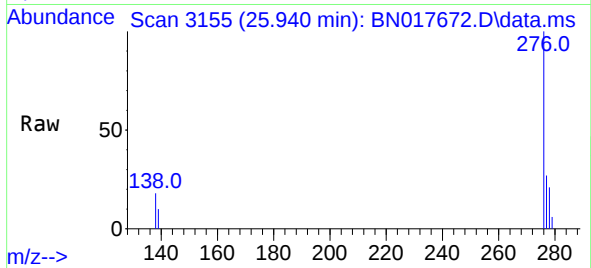
Tgt Ion:264 Resp: 120287
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 24.6 18.6 28.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng
RT: 25.940 min Scan# 3173
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

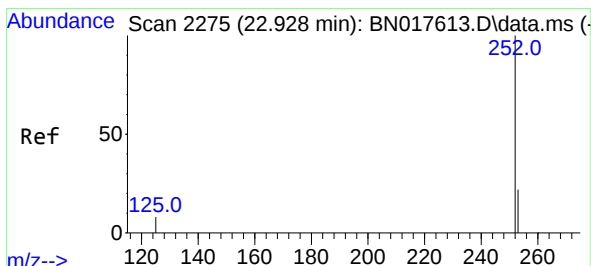
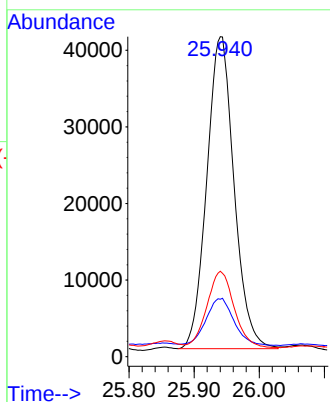
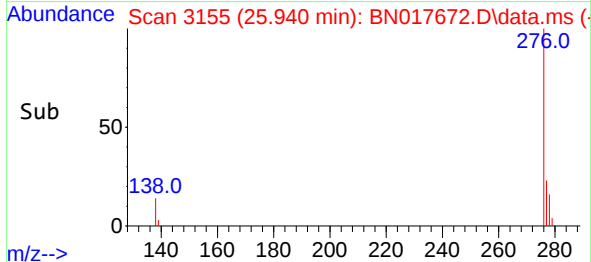
Instrument :
BNA_N
ClientSampleId :
SLAB-3



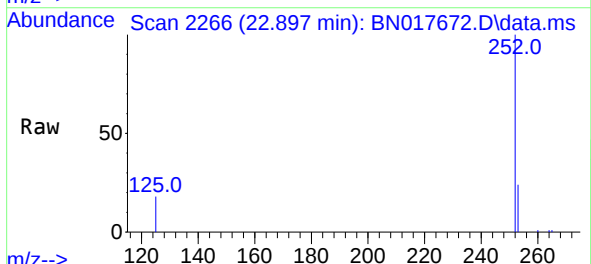
Tgt Ion:276 Resp: 118600
Ion Ratio Lower Upper
276 100
138 15.6 19.7 29.5
277 24.5 20.0 30.0

Manual Integrations
APPROVED

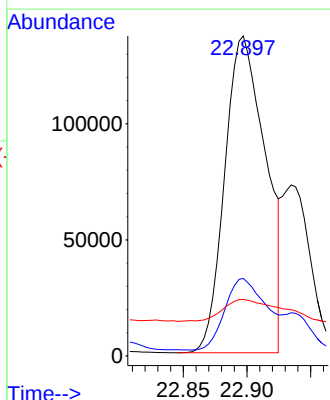
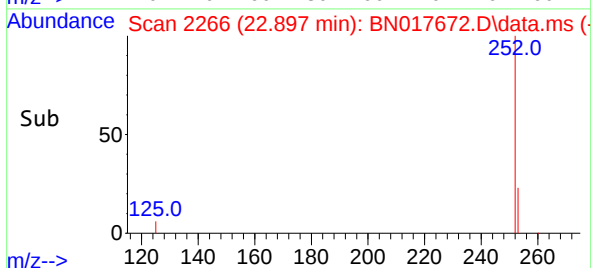
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

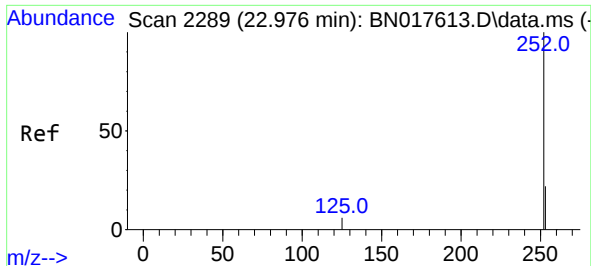


#37
Benzo(b)fluoranthene
Concen: 0.765 ng
RT: 22.897 min Scan# 2266
Delta R.T. 0.010 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51



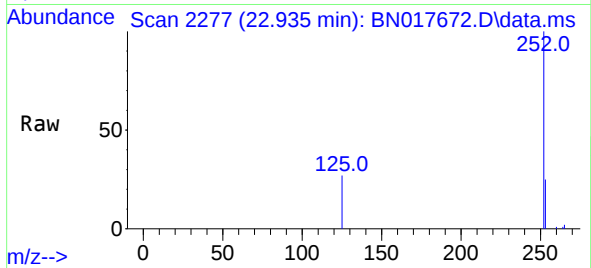
Tgt Ion:252 Resp: 304947
Ion Ratio Lower Upper
252 100
253 24.2 17.7 26.5
125 17.6 7.8 11.8#





#38
Benzo(k)fluoranthene
Concen: 0.276 ng m
RT: 22.935 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

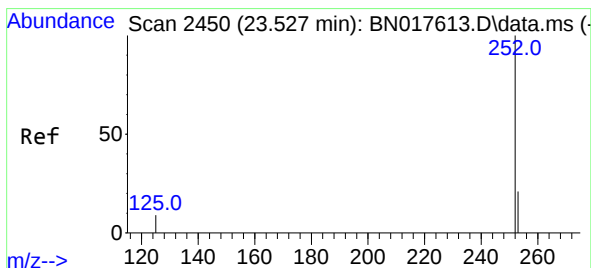
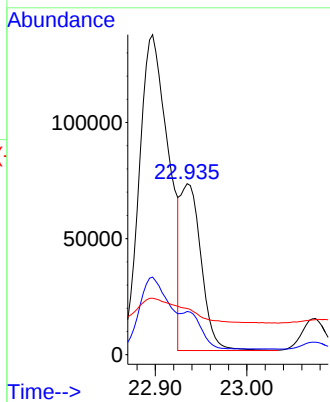
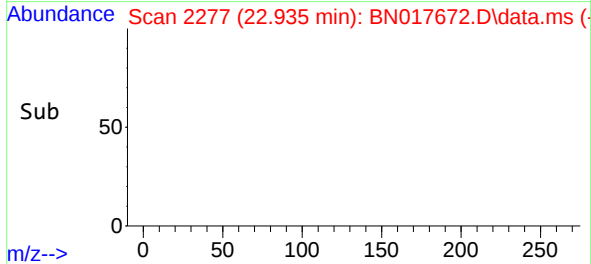
Instrument :
BNA_N
ClientSampleId :
SLAB-3



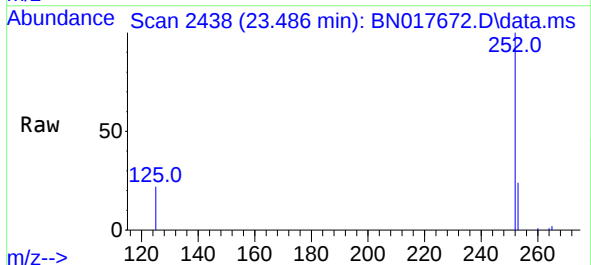
Tgt Ion:252 Resp: 112748
Ion Ratio Lower Upper
252 100
253 25.2 17.7 26.5
125 27.1 8.2 12.2

Manual Integrations
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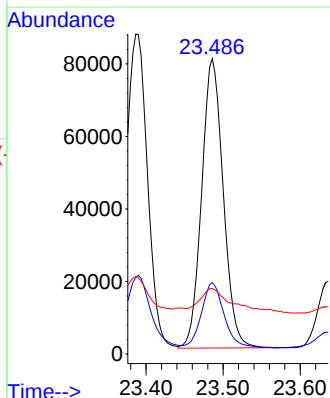
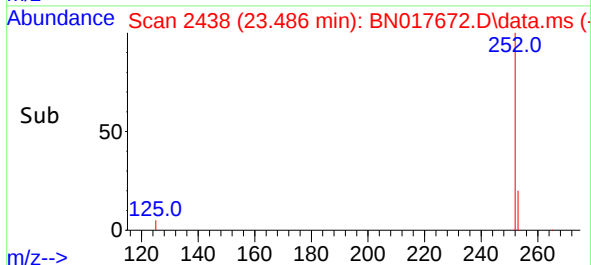
Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

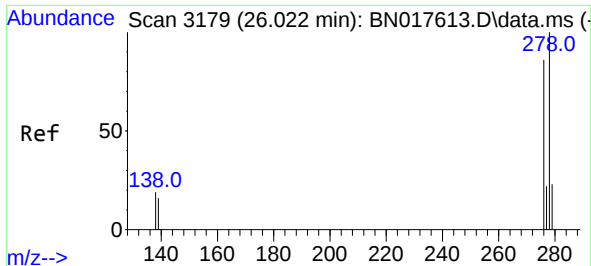


#39
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.486 min Scan# 2438
Delta R.T. 0.007 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51



Tgt Ion:252 Resp: 155203
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 22.1 9.2 13.8





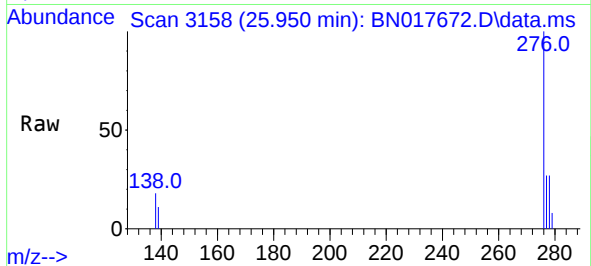
#40
Dibenzo(a,h)anthracene
Concen: 0.092 ng
RT: 25.950 min Scan# 3179
Delta R.T. -0.003 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Instrument :

BNA_N

ClientSampleId :

SLAB-3

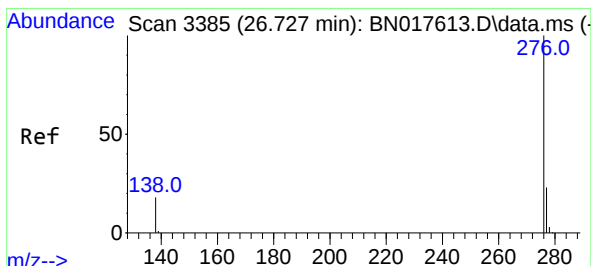
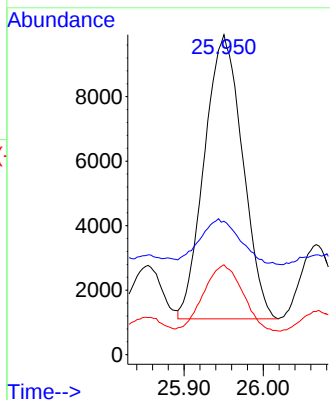


Tgt Ion:278 Resp: 29489
Ion Ratio Lower Upper
278 100
139 41.7 13.0 19.6
279 28.1 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021



#41
Benzo(g,h,i)perylene
Concen: 0.360 ng
RT: 26.659 min Scan# 3365
Delta R.T. 0.003 min
Lab File: BN017672.D
Acq: 02 Dec 2021 05:51

Tgt Ion:276 Resp: 118126
Ion Ratio Lower Upper
276 100
277 25.9 19.0 28.4
138 18.0 17.1 25.7

