

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017638.D
 Acq On : 01 Dec 2021 07:22
 Operator : CG/JU
 Sample : M4862-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CS-3A

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 07:52:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 30 18:26:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.773	152	24995	0.400	ng	0.00
7) Naphthalene-d8	10.547	136	103425	0.400	ng	# 0.00
13) Acenaphthene-d10	14.384	164	63218	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	127404	0.400	ng	#-0.01
29) Chrysene-d12	21.303	240	117718	0.400	ng	#-0.01
35) Perylene-d12	23.616	264	114476	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.394	112	1693	0.030	ng	0.03
5) Phenol-d6	6.952	99	7603	0.127	ng	0.00
8) Nitrobenzene-d5	8.912	82	14726	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.137	152	50627	0.280	ng	0.00
14) 2,4,6-Tribromophenol	15.881	330	126	0.128	ng	0.00
15) 2-Fluorobiphenyl	13.014	172	65100	0.265	ng	0.00
27) Fluoranthene-d10	19.154	212	116401	0.292	ng	0.00
31) Terphenyl-d14	19.754	244	79983	0.310	ng	0.00
Target Compounds						Qvalue
18) Fluorene	15.437	166	12686	0.061	ng	# 95
25) Phenanthrene	17.165	178	276610	0.792	ng	99
26) Anthracene	17.250	178	60431	0.201	ng	# 91
28) Fluoranthene	19.183	202	469943	1.188	ng	98
30) Pyrene	19.546	202	384787	1.013	ng	# 96
32) Benzo(a)anthracene	21.292	228	209949	0.587	ng	95
33) Chrysene	21.346	228	201888m	0.519	ng	
34) Bis(2-ethylhexyl)phtha...	21.239	149	51463	0.607	ng	97
36) Indeno(1,2,3-cd)pyrene	25.978	276	106078	0.285	ng	# 93
37) Benzo(b)fluoranthene	22.918	252	258338	0.681	ng	# 90
38) Benzo(k)fluoranthene	22.959	252	88559m	0.228	ng	
39) Benzo(a)pyrene	23.510	252	147358	0.434	ng	# 89
40) Dibenzo(a,h)anthracene	25.991	278	27430	0.090	ng	# 60
41) Benzo(g,h,i)perylene	26.707	276	101101	0.324	ng	97

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

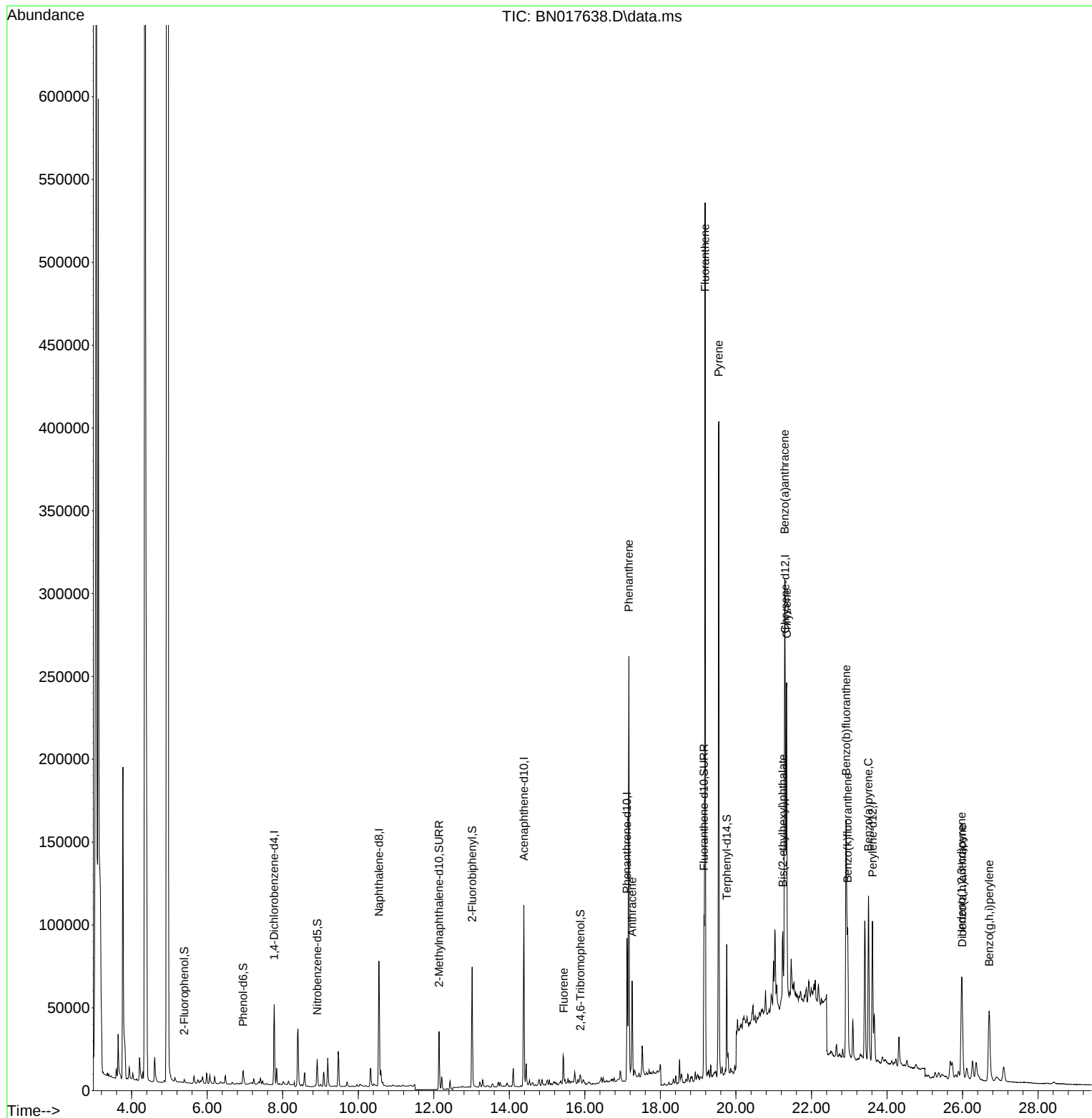
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017638.D
Acq On : 01 Dec 2021 07:22
Operator : CG/JU
Sample : M4862-06
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ALS Vial : 27 Sample Multiplier: 1

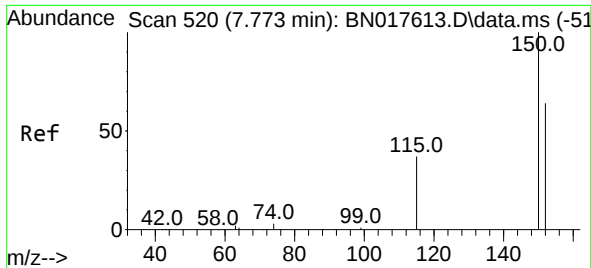
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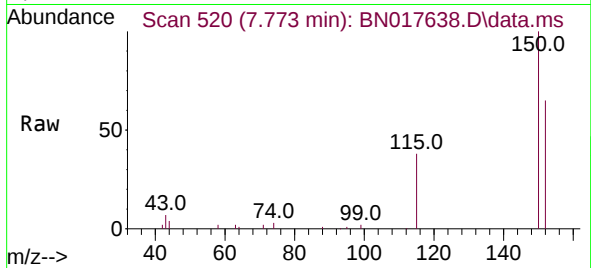
Quant Time: Dec 01 07:52:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

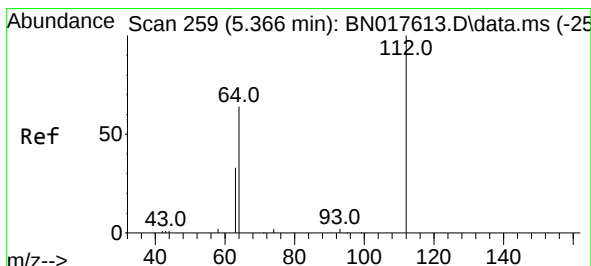
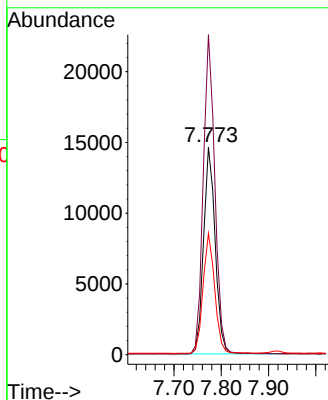
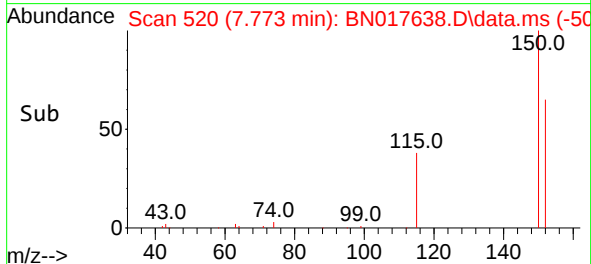
Instrument :
BNA_N
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CS-3A



Tgt Ion:152 Resp: 2499
Ion Ratio Lower Upper
152 100
150 154.1 123.0 184.4
115 58.4 45.6 68.4

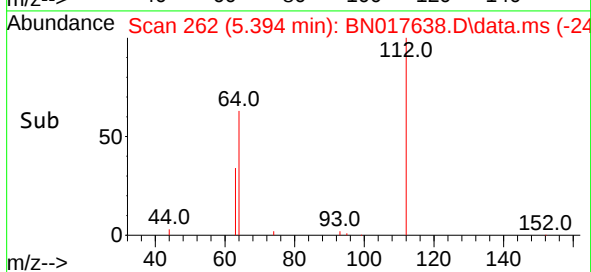
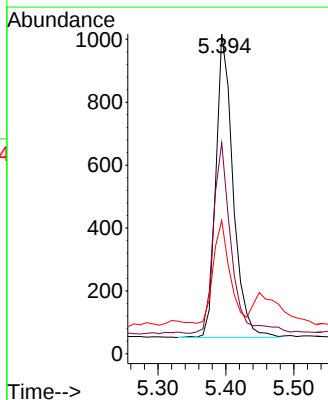
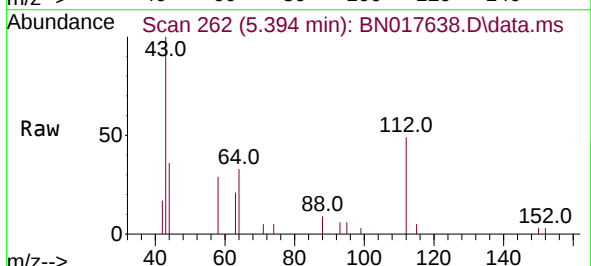
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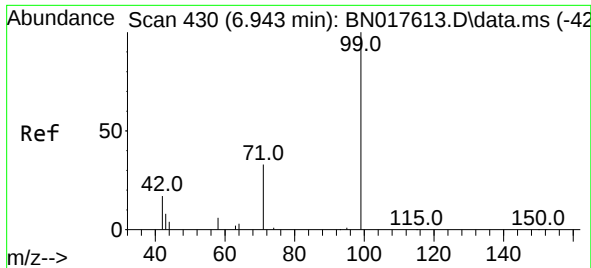
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Supervised By :mohammad ahmed 12/05/2021



#4
2-Fluorophenol
Concen: 0.030 ng
RT: 5.394 min Scan# 262
Delta R.T. 0.028 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

Tgt Ion:112 Resp: 1693
Ion Ratio Lower Upper
112 100
64 64.4 47.6 71.4
63 32.1 24.6 37.0





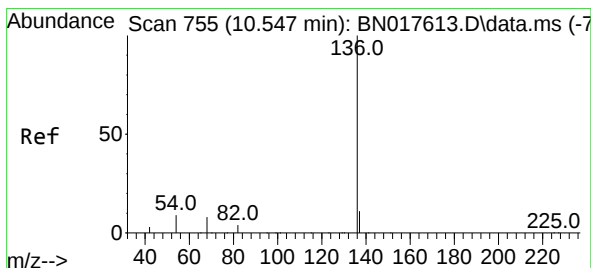
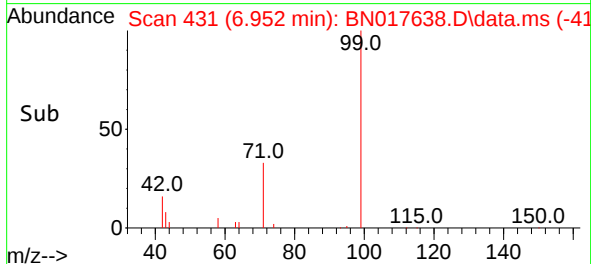
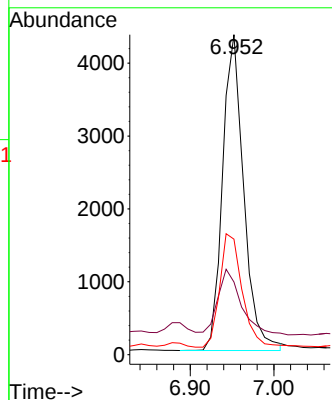
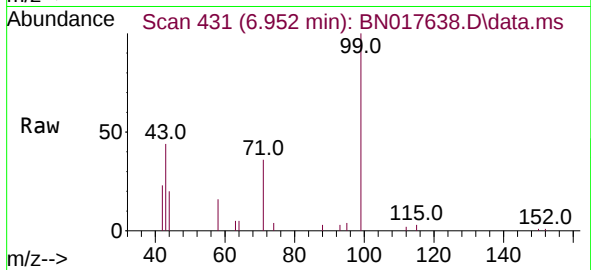
#5
Phenol-d6
Concen: 0.127 ng
RT: 6.952 min Scan# 431
Delta R.T. 0.009 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

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ClientSampleId :
CS-3A

Tgt Ion: 99 Resp: 760
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 38.0 24.8 37.2

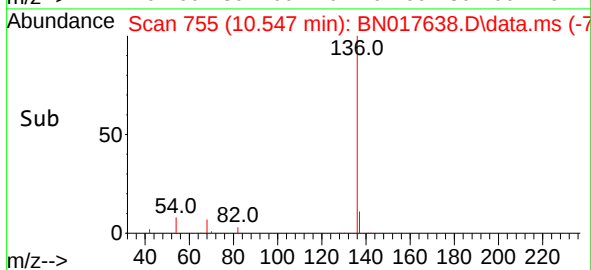
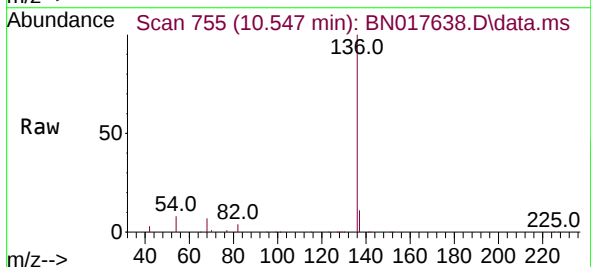
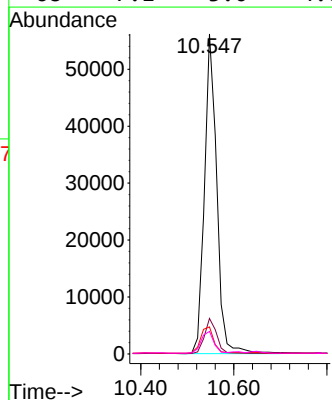
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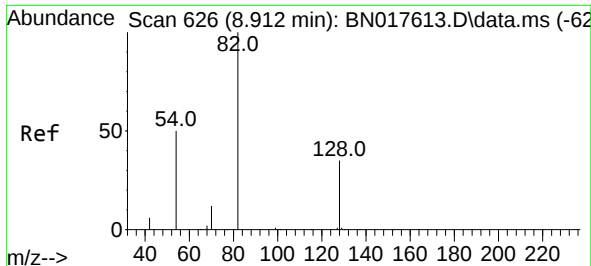
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

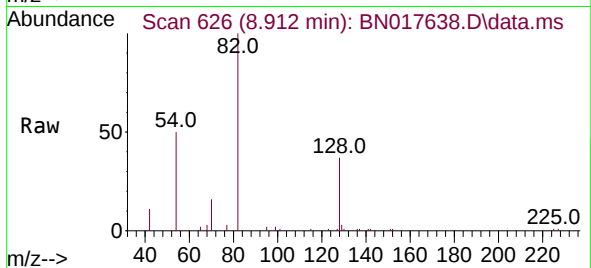
Tgt Ion:136 Resp: 103425
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.5 4.0 6.0#
68 7.1 3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.335 ng
RT: 8.912 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

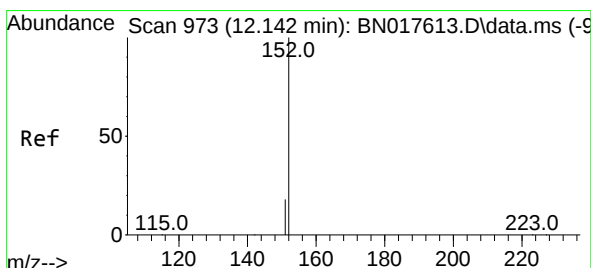
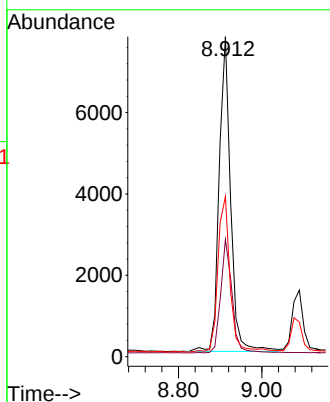
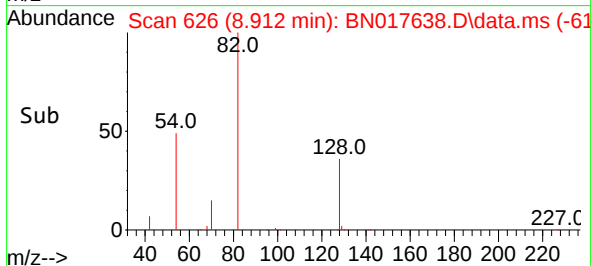
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion: 82 Resp: 14720
Ion Ratio Lower Upper
82 100
128 36.6 27.7 41.5
54 50.1 49.2 73.8

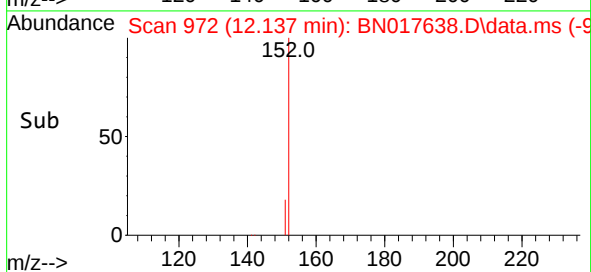
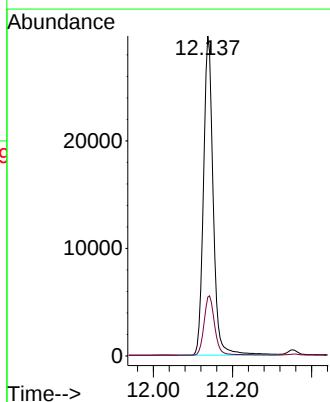
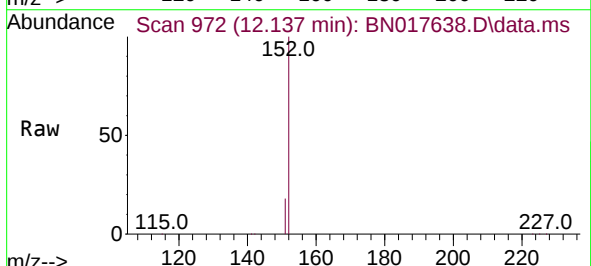
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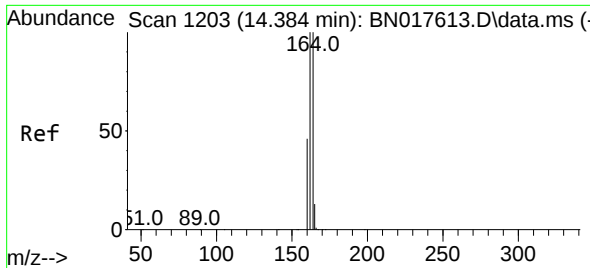
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.137 min Scan# 972
Delta R.T. -0.005 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

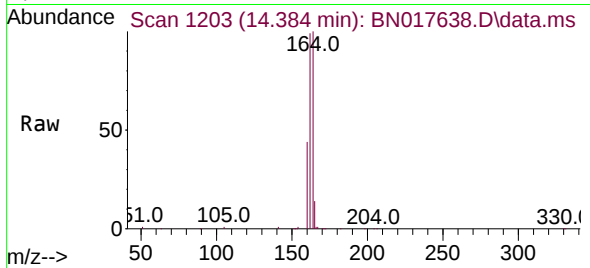
Tgt Ion:152 Resp: 50627
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

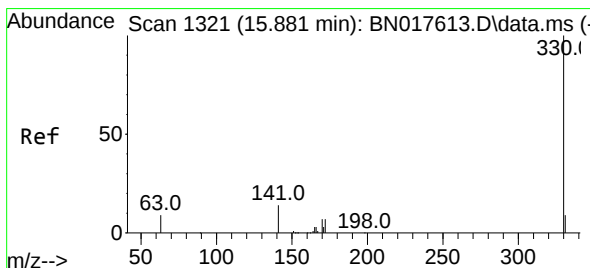
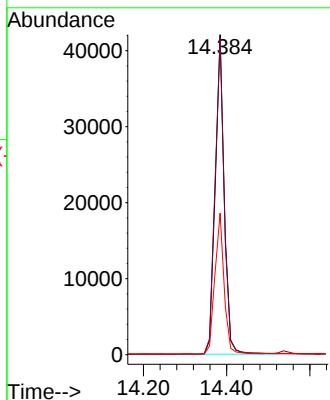
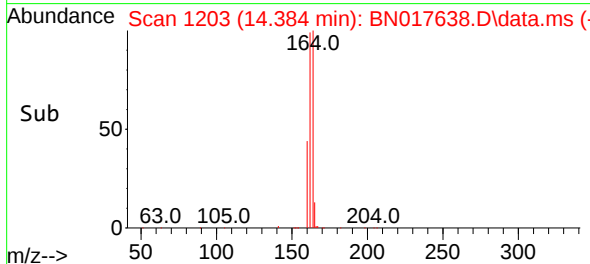
Instrument :
BNA_N
ClientSampleId :
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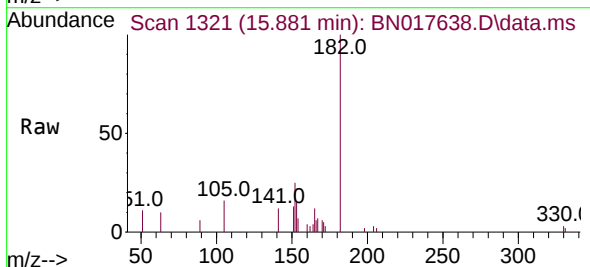
Tgt Ion:164 Resp: 63218
Ion Ratio Lower Upper
164 100
162 99.2 81.4 122.2
160 44.2 36.8 55.2

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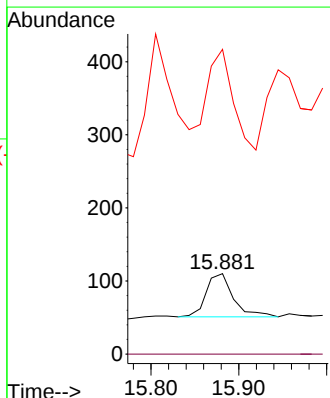
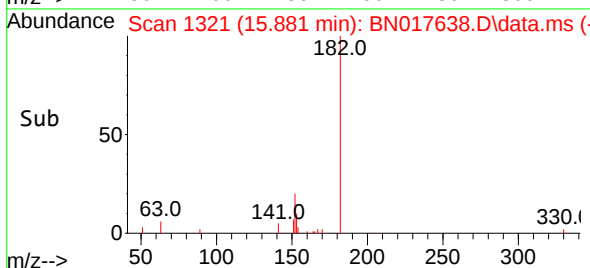
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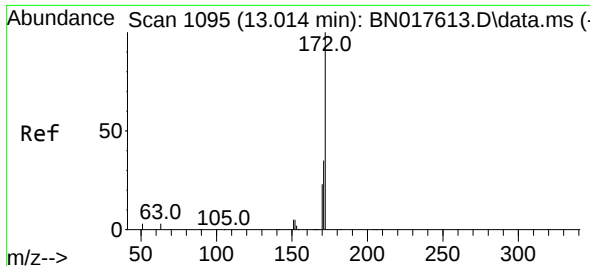


#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 15.881 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22



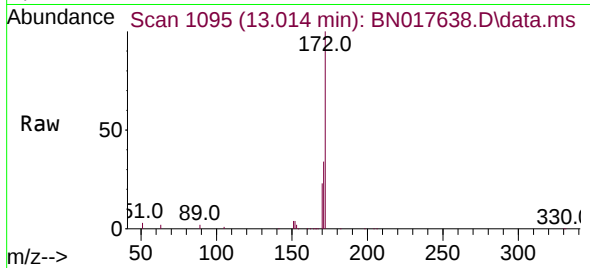
Tgt Ion:330 Resp: 126
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 223.0 28.9 43.3#





#15
2-Fluorobiphenyl
Concen: 0.265 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

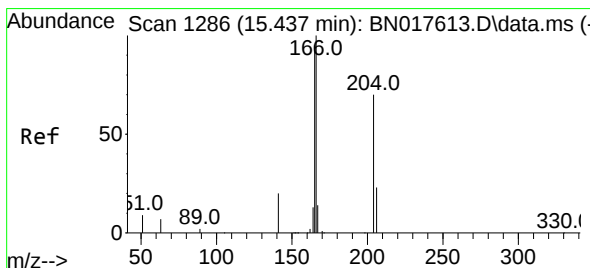
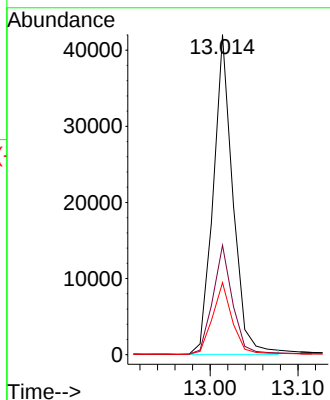
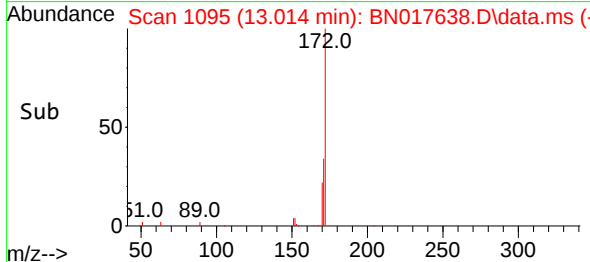
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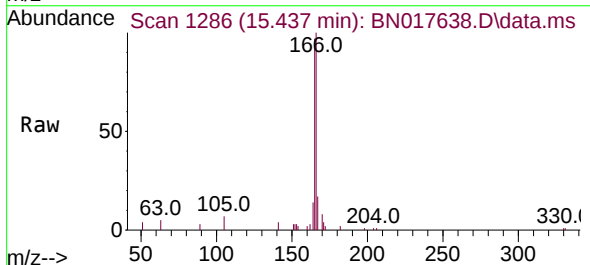
Tgt Ion:172 Resp: 65100
Ion Ratio Lower Upper
172 100
171 34.2 28.7 43.1
170 22.5 19.4 29.2

Manual Integrations
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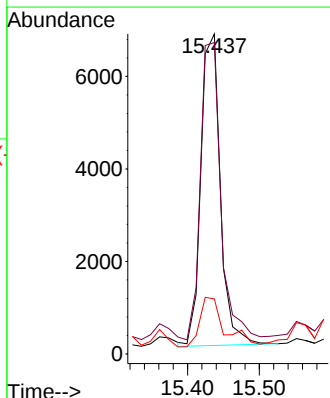
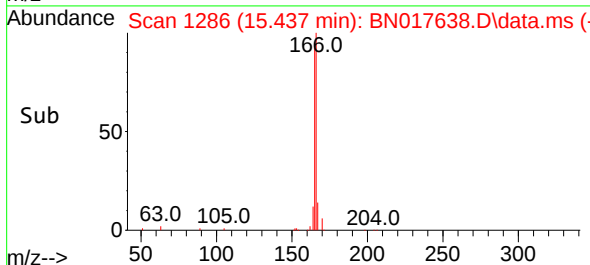
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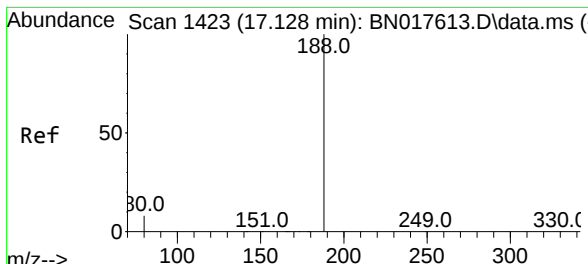


#18
Fluorene
Concen: 0.061 ng
RT: 15.437 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017638.D
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Tgt Ion:166 Resp: 12686
Ion Ratio Lower Upper
166 100
165 100.3 77.9 116.9
167 20.4 10.9 16.3#





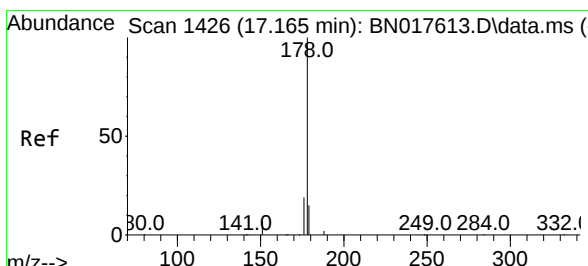
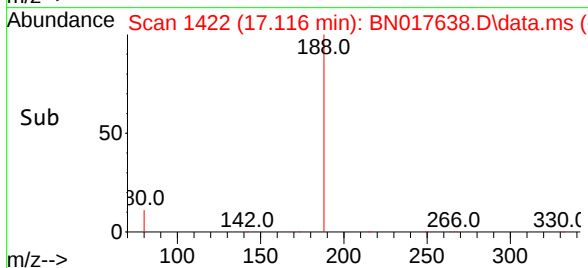
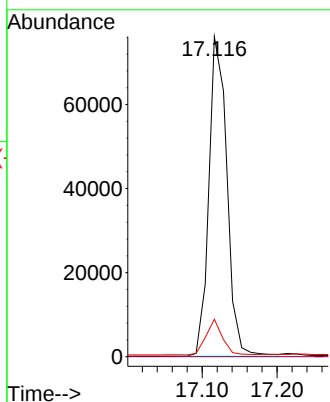
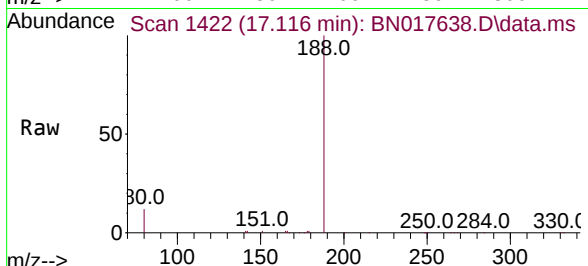
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. -0.012 min
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Tgt Ion:	188	Resp:	12740
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.7	6.1	9.1

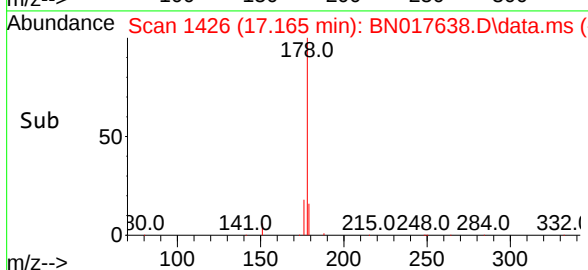
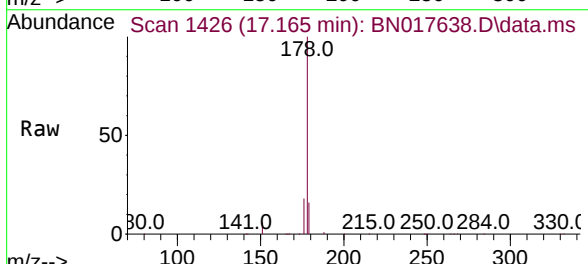
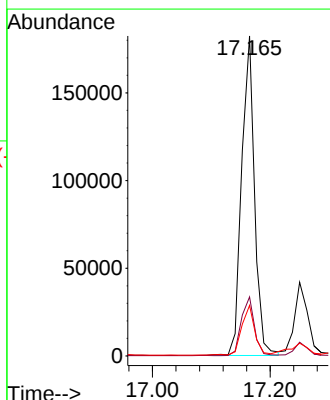
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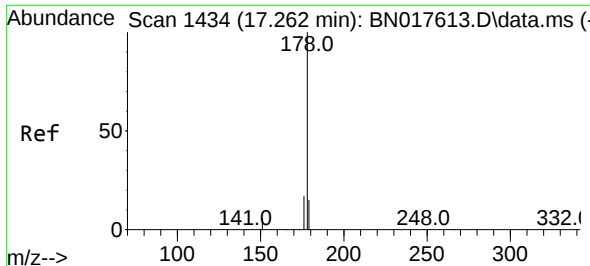
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#25
Phenanthrene
Concen: 0.792 ng
RT: 17.165 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

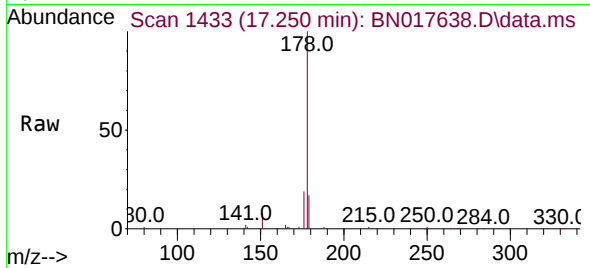
Tgt Ion:	178	Resp:	276610
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.0	22.6
179	15.9	12.3	18.5





#26
 Anthracene
 Concen: 0.201 ng
 RT: 17.250 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BN017638.D
 Acq: 01 Dec 2021 07:22

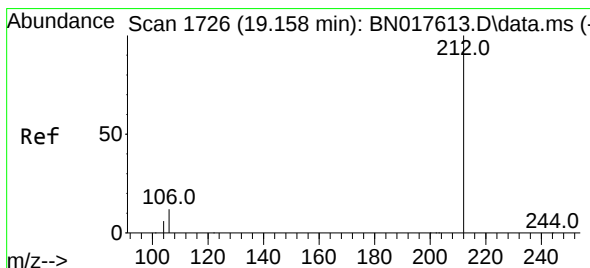
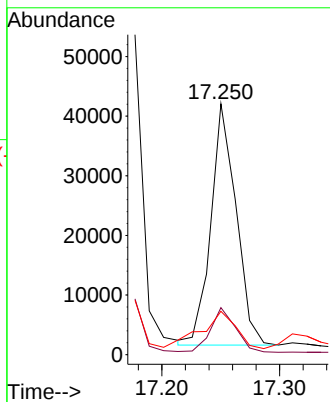
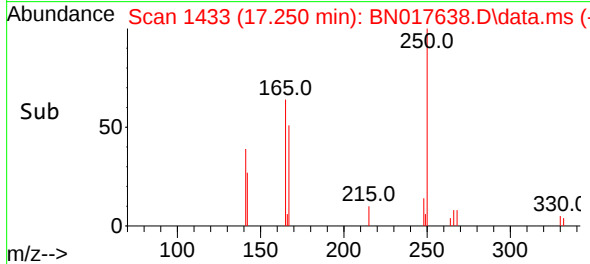
Instrument :
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Tgt Ion:178 Resp: 6043
 Ion Ratio Lower Upper
 178 100
 176 19.8 14.6 22.0
 179 21.4 12.2 18.4

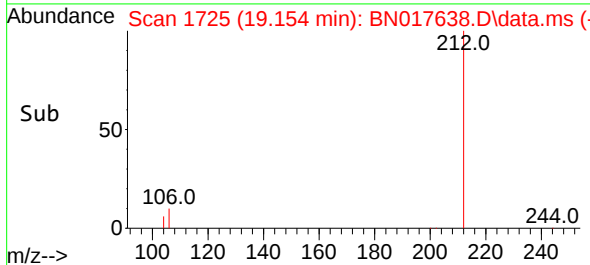
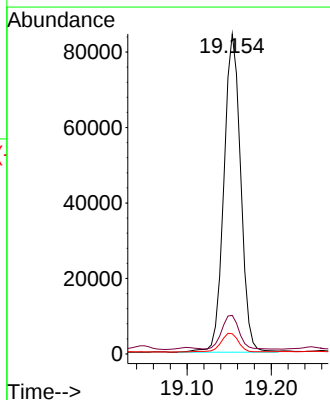
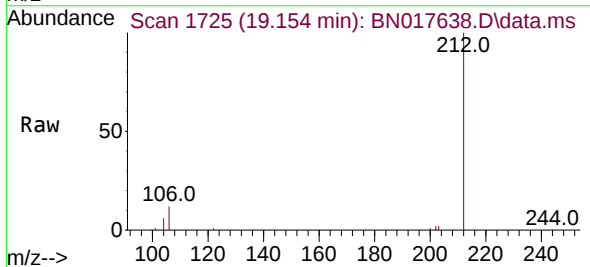
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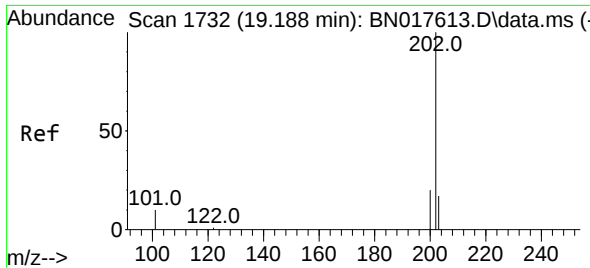
Reviewed By :Jagrut Upadhyay 12/01/2021
 Supervised By :mohammad ahmed 12/05/2021



#27
 Fluoranthene-d10
 Concen: 0.292 ng
 RT: 19.154 min Scan# 1725
 Delta R.T. -0.004 min
 Lab File: BN017638.D
 Acq: 01 Dec 2021 07:22

Tgt Ion:212 Resp: 116401
 Ion Ratio Lower Upper
 212 100
 106 11.0 10.5 15.7
 104 6.2 5.8 8.6





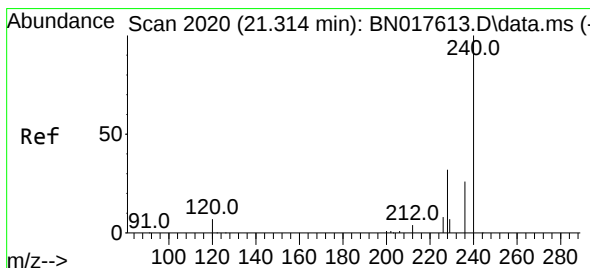
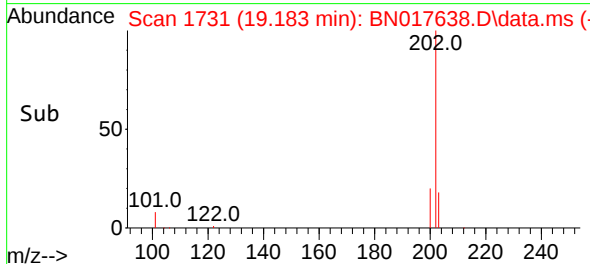
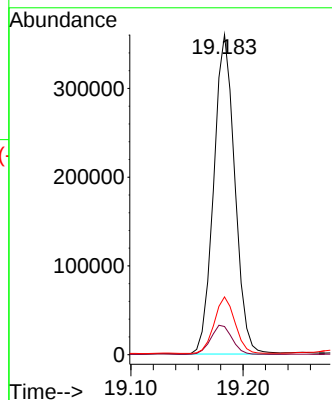
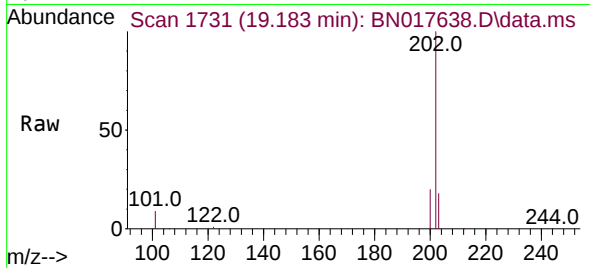
#28
Fluoranthene
Concen: 1.188 ng
RT: 19.183 min Scan# 1732
Delta R.T. -0.005 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

Instrument :
BNA_N
ClientSampleId :
CS-3A

Tgt Ion:202 Resp: 46994
Ion Ratio Lower Upper
202 100
101 9.2 8.9 13.3
203 17.4 13.8 20.6

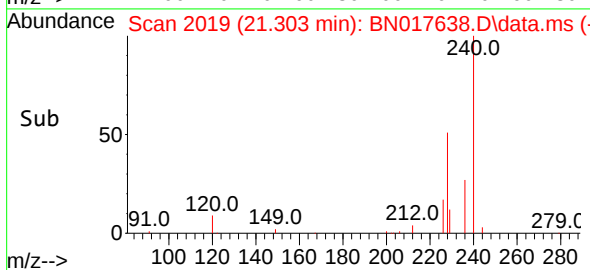
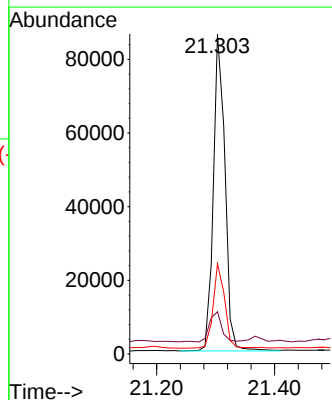
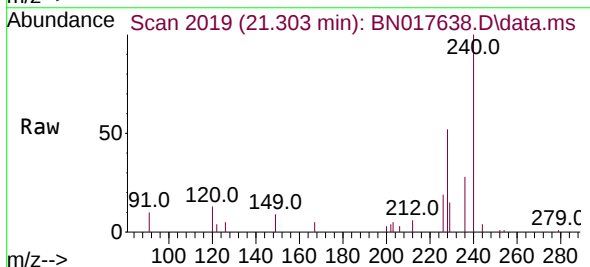
Manual Integrations
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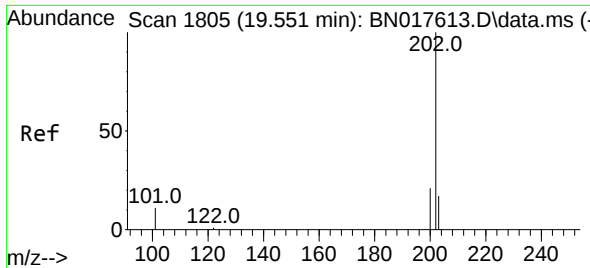
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

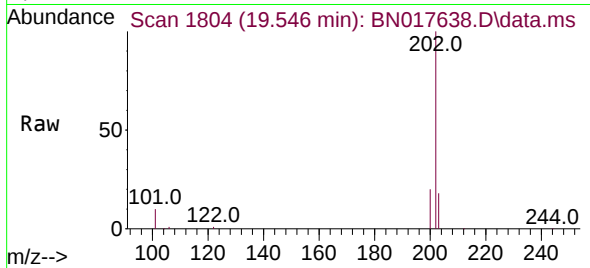
Tgt Ion:240 Resp: 117718
Ion Ratio Lower Upper
240 100
120 13.2 4.2 6.2#
236 28.2 20.0 30.0





#30
Pyrene
Concen: 1.013 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

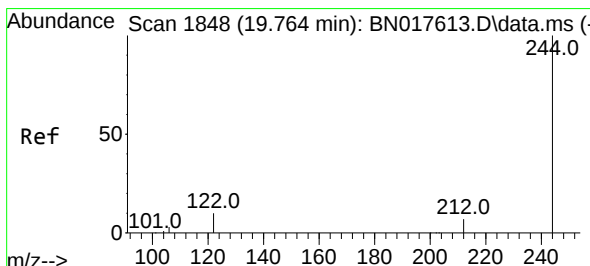
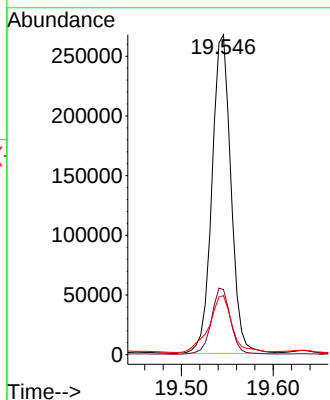
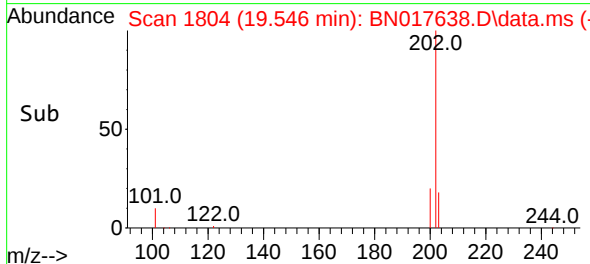
Instrument :
BNA_N
ClientSampleId :
CS-3A



Tgt Ion:202 Resp: 38478
Ion Ratio Lower Upper
202 100
200 20.7 16.5 24.7
203 21.6 14.0 21.0

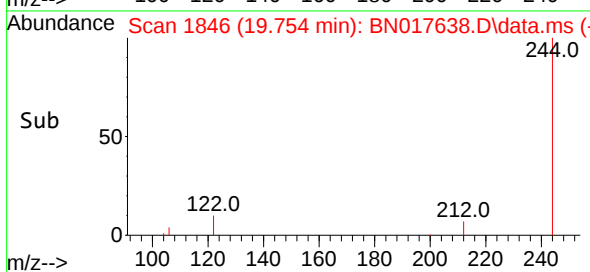
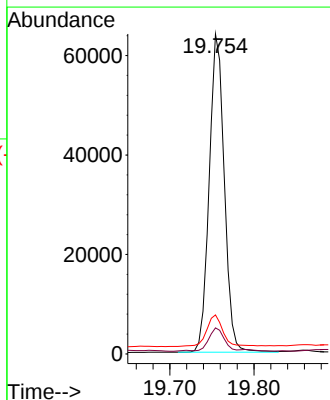
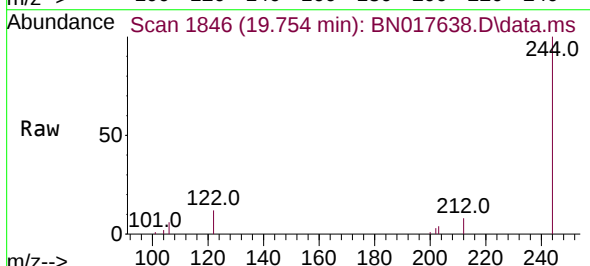
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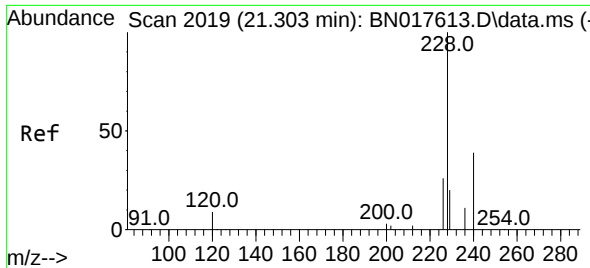
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#31
Terphenyl-d14
Concen: 0.310 ng
RT: 19.754 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

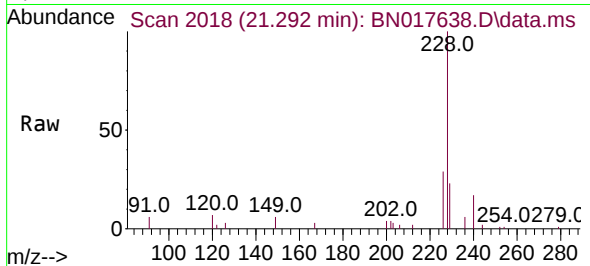
Tgt Ion:244 Resp: 79983
Ion Ratio Lower Upper
244 100
212 8.1 5.7 8.5
122 12.2 8.6 13.0





#32
Benzo(a)anthracene
Concen: 0.587 ng
RT: 21.292 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

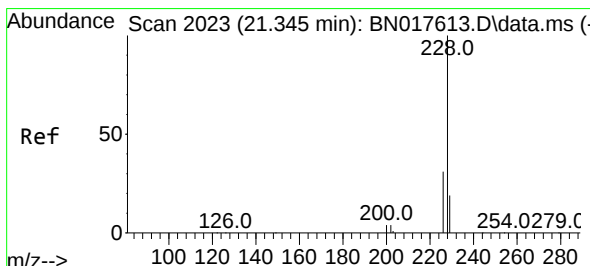
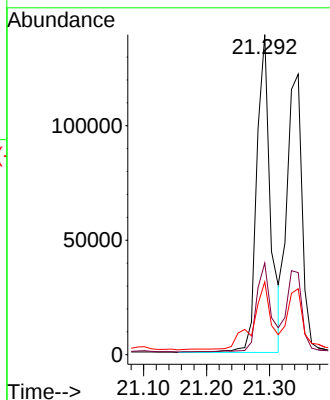
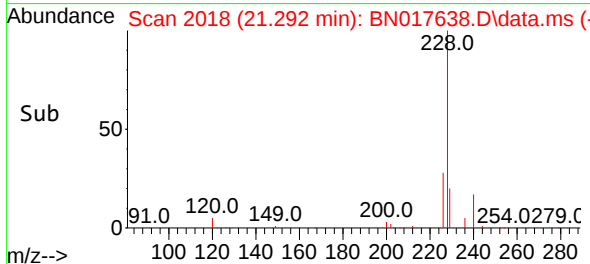
Instrument :
BNA_N
ClientSampleId :
CS-3A



Tgt Ion:228 Resp: 209949
Ion Ratio Lower Upper
228 100
226 28.6 21.3 31.9
229 22.7 15.7 23.5

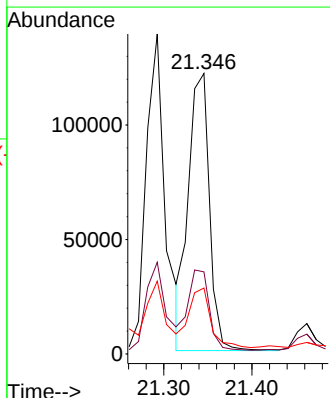
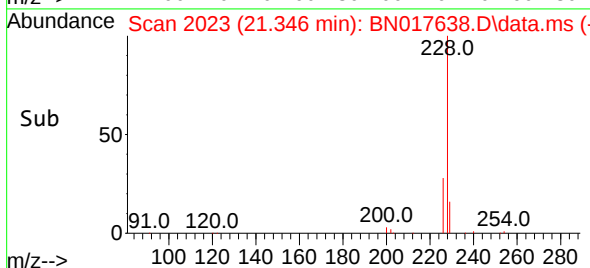
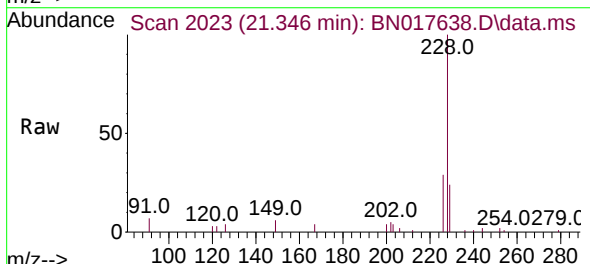
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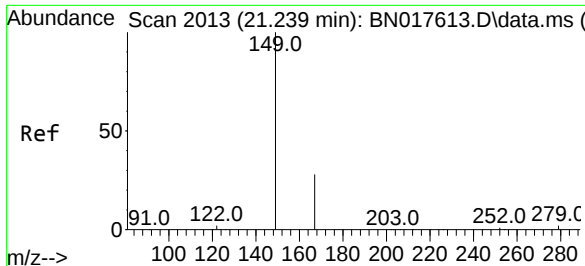
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#33
Chrysene
Concen: 0.519 ng m
RT: 21.346 min Scan# 2023
Delta R.T. 0.001 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

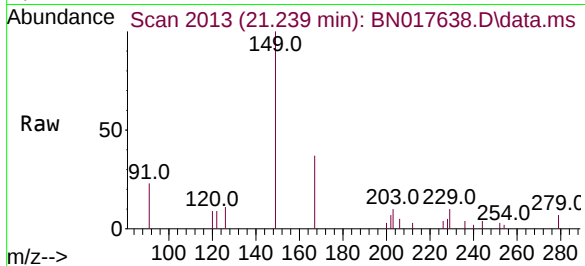
Tgt Ion:228 Resp: 201888
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 23.5 15.6 23.4#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.607 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

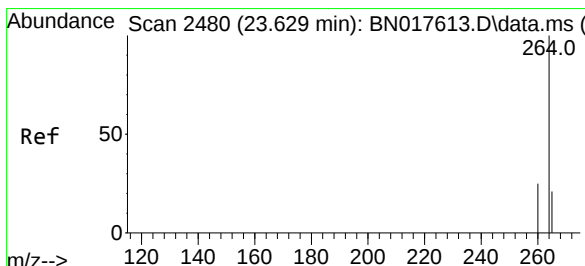
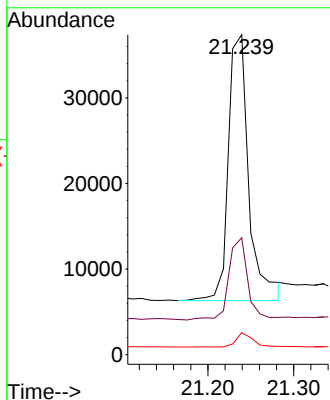
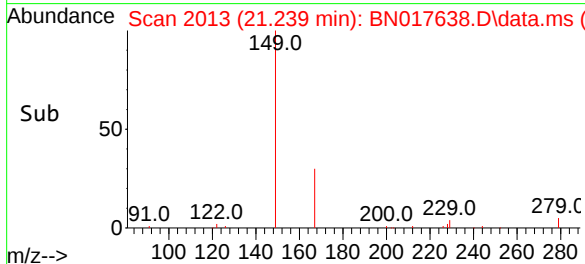
Instrument :
BNA_N
ClientSampleId :
CS-3A



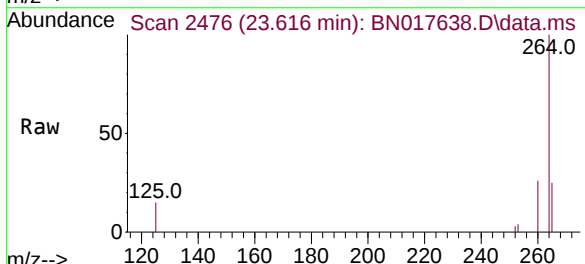
Tgt Ion:149 Resp: 5146
Ion Ratio Lower Upper
149 100
167 28.7 21.8 32.6
279 4.4 3.4 5.0

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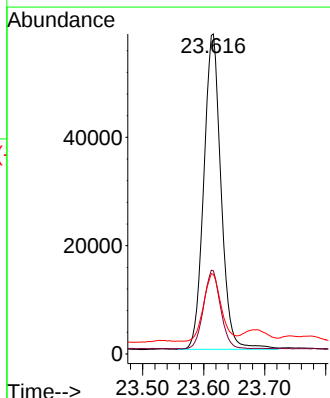
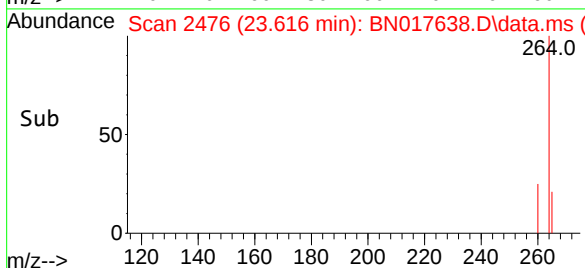
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

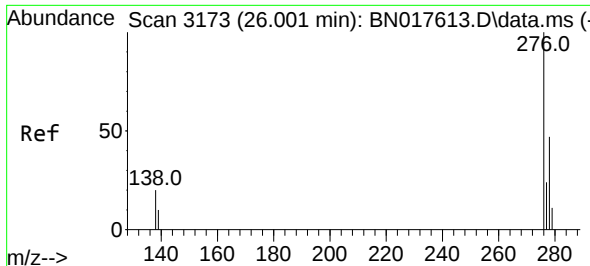


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.616 min Scan# 2476
Delta R.T. -0.014 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22



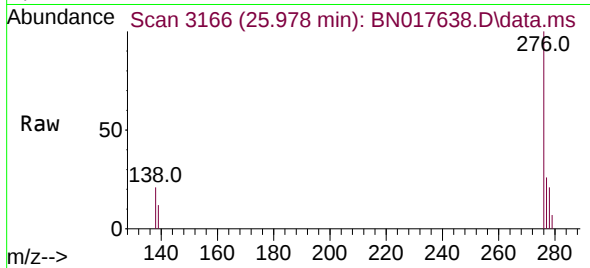
Tgt Ion:264 Resp: 114476
Ion Ratio Lower Upper
264 100
260 26.0 19.4 29.2
265 24.9 18.6 28.0





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.285 ng
RT: 25.978 min Scan# 3173
Delta R.T. -0.024 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

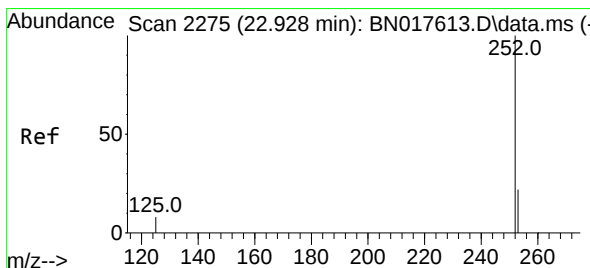
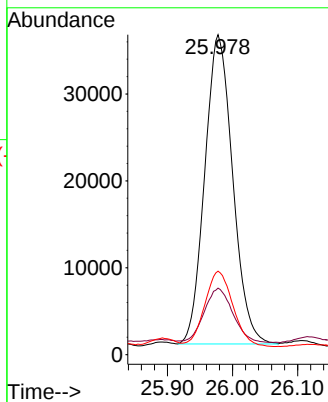
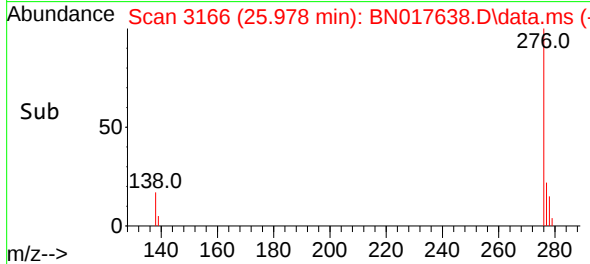
Instrument :
BNA_N
ClientSampleId :
CS-3A



Tgt Ion:276 Resp: 106078
Ion Ratio Lower Upper
276 100
138 17.9 19.7 29.5
277 24.8 20.0 30.0

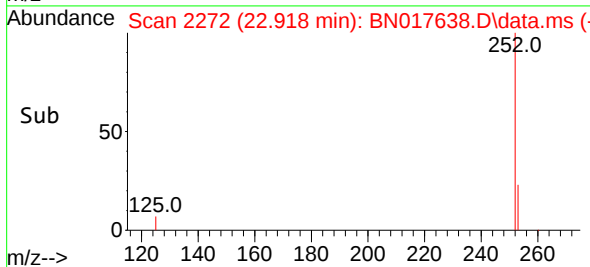
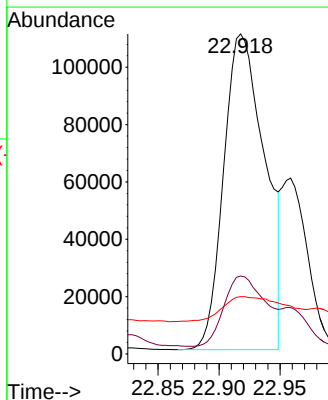
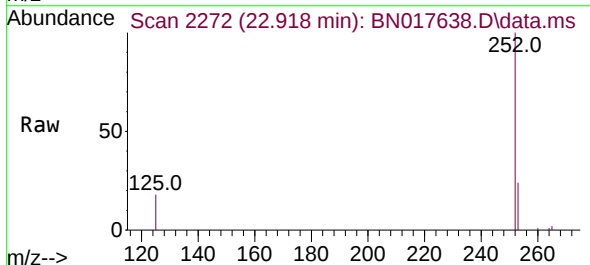
Manual Integrations
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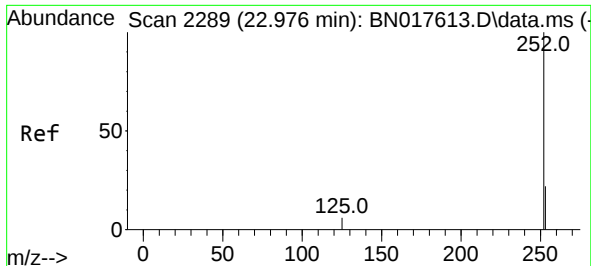
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#37
Benzo(b)fluoranthene
Concen: 0.681 ng
RT: 22.918 min Scan# 2272
Delta R.T. -0.010 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

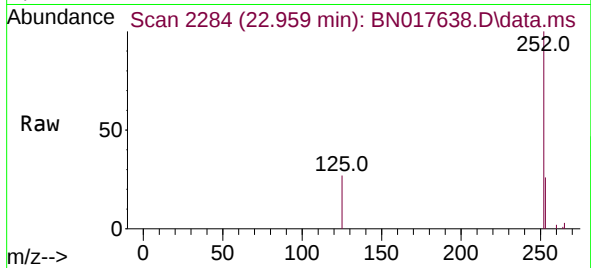
Tgt Ion:252 Resp: 258338
Ion Ratio Lower Upper
252 100
253 24.4 17.7 26.5
125 17.9 7.8 11.8#





#38
Benzo(k)fluoranthene
Concen: 0.228 ng m
RT: 22.959 min Scan# 21
Delta R.T. -0.017 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

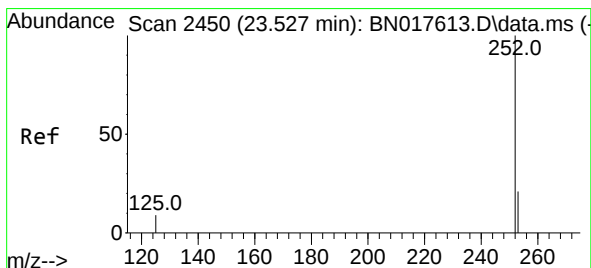
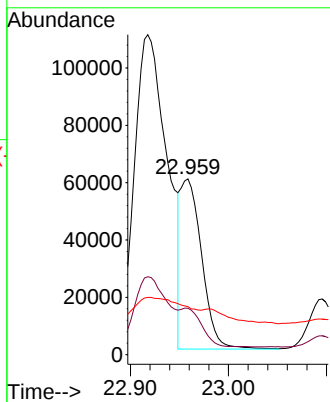
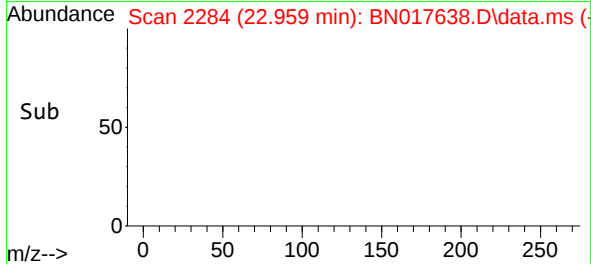
Instrument :
BNA_N
ClientSampleId :
CS-3A



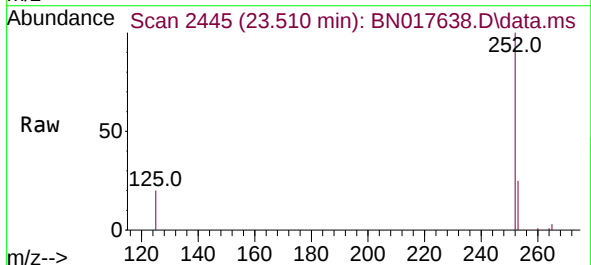
Tgt Ion:252 Resp: 8855
Ion Ratio Lower Upper
252 100
253 26.4 17.7 26.5
125 27.3 8.2 12.2

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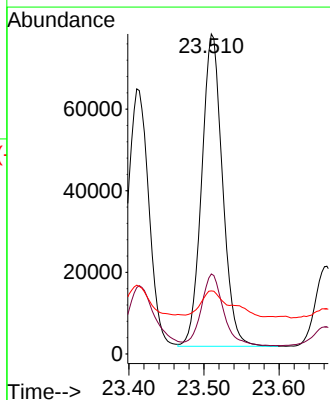
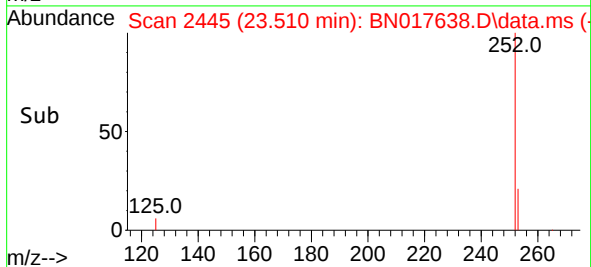
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

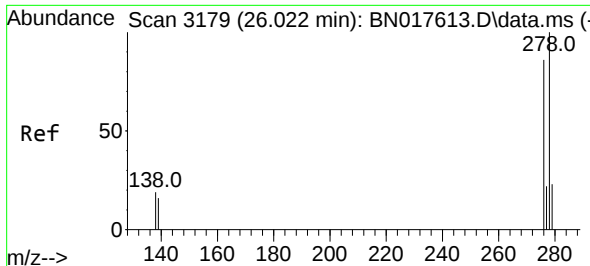


#39
Benzo(a)pyrene
Concen: 0.434 ng
RT: 23.510 min Scan# 2445
Delta R.T. -0.017 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22



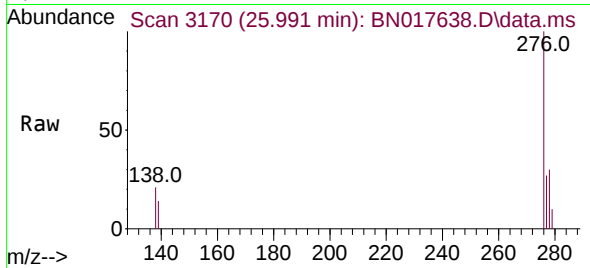
Tgt Ion:252 Resp: 147358
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 19.7 9.2 13.8





#40
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 25.991 min Scan# 3179
Delta R.T. -0.031 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

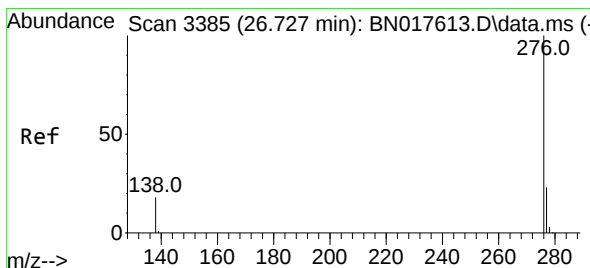
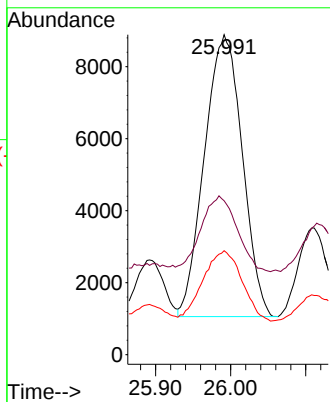
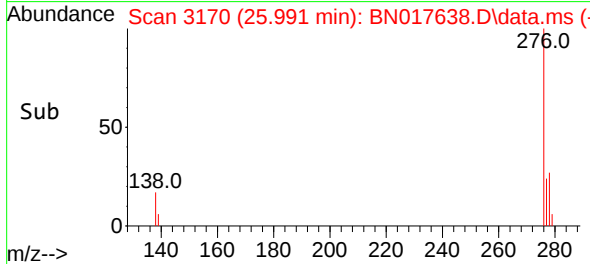
Instrument :
BNA_N
ClientSampleId :
CS-3A



Tgt Ion:278 Resp: 27430
Ion Ratio Lower Upper
278 100
139 48.1 13.0 19.6
279 32.5 19.2 28.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#41
Benzo(g,h,i)perylene
Concen: 0.324 ng
RT: 26.707 min Scan# 3379
Delta R.T. -0.020 min
Lab File: BN017638.D
Acq: 01 Dec 2021 07:22

Tgt Ion:276 Resp: 101101
Ion Ratio Lower Upper
276 100
277 25.6 19.0 28.4
138 19.9 17.1 25.7

