

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
 Data File : BN017625.D
 Acq On : 30 Nov 2021 23:00
 Operator : CG/JU
 Sample : M4826-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-B-425-446-112321

Manual Integrations
 APPROVED

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

Quant Time: Dec 01 03:15:50 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	24977	0.40	ng	0.00
7) Naphthalene-d8	10.547	136	99515	0.40	ng	# 0.00
13) Acenaphthene-d10	14.384	164	62158	0.40	ng	0.00
19) Phenanthrene-d10	17.128	188	126895	0.40	ng	0.00
29) Chrysene-d12	21.314	240	120897	0.40	ng	0.00
35) Perylene-d12	23.619	264	102311	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	5893	0.10	ng	0.02
5) Phenol-d6	6.943	99	3569	0.06	ng	0.00
8) Nitrobenzene-d5	8.913	82	11589	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.142	152	51740	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	11187	0.41	ng	-0.01
15) 2-Fluorobiphenyl	13.014	172	73848	0.31	ng	0.00
27) Fluoranthene-d10	19.159	212	156364	0.39	ng	0.00
31) Terphenyl-d14	19.759	244	128008	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.347	88	33833m	2.02	ng	Qvalue
25) Phenanthrene	17.165	178	17788m	0.05	ng	
28) Fluoranthene	19.188	202	34903	0.09	ng	96
30) Pyrene	19.546	202	29153	0.07	ng	# 96
32) Benzo(a)anthracene	21.293	228	15239	0.04	ng	96
33) Chrysene	21.346	228	15640	0.04	ng	96
34) Bis(2-ethylhexyl)phtha...	21.239	149	390997	4.49	ng	96
36) Indeno(1,2,3-cd)pyrene	25.995	276	7565	0.02	ng	# 92
37) Benzo(b)fluoranthene	22.924	252	17316	0.05	ng	# 85
38) Benzo(k)fluoranthene	22.966	252	9015m	0.03	ng	
39) Benzo(a)pyrene	23.517	252	11062	0.04	ng	# 84
41) Benzo(g,h,i)perylene	26.717	276	7676	0.03	ng	95

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

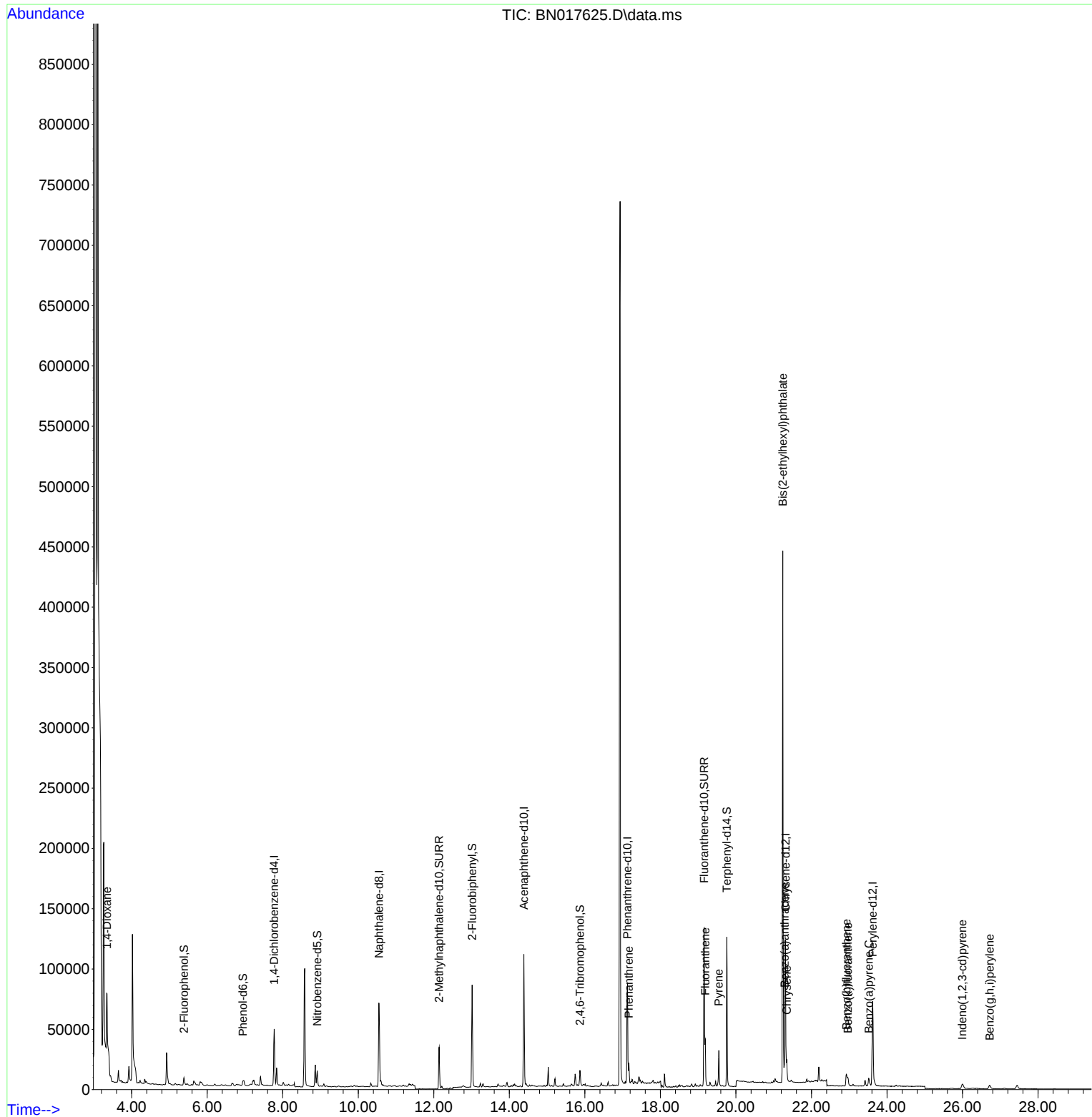
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Data File : BN017625.D
Acq On : 30 Nov 2021 23:00
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ALS Vial : 16 Sample Multiplier: 1

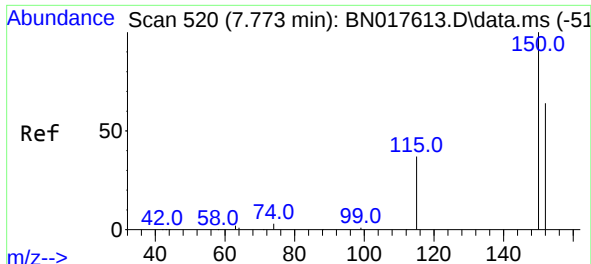
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Quant Time: Dec 01 03:15:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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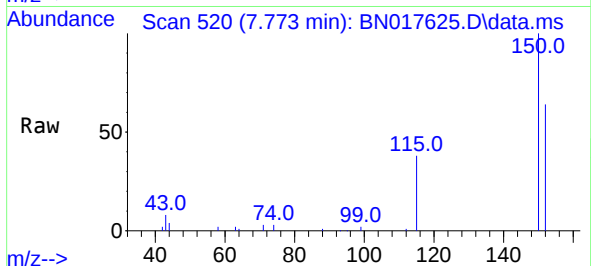
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.773 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

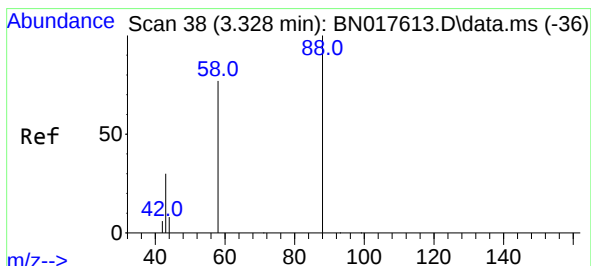
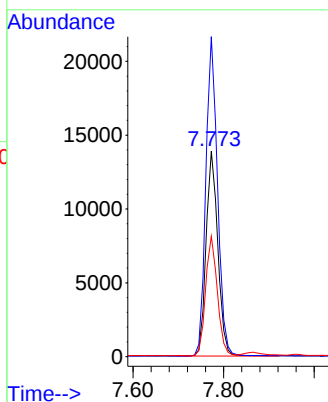
Instrument : BNA_N
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Tgt Ion:152 Resp: 2497
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 58.7 45.6 68.4

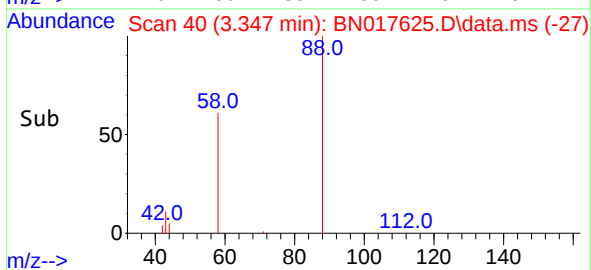
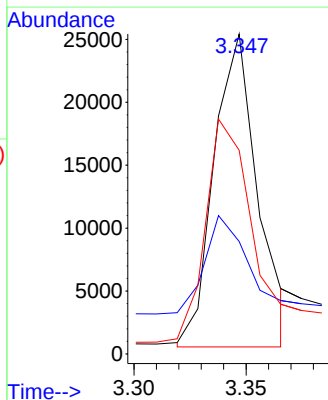
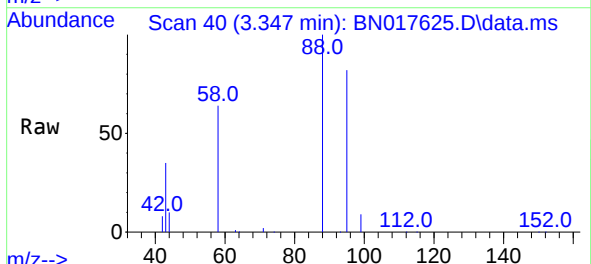
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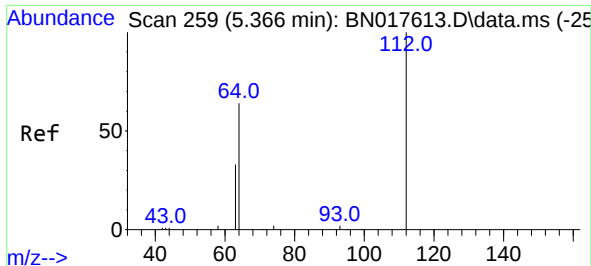
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#2
1,4-Dioxane
Concen: 2.02 ng m
RT: 3.347 min Scan# 40
Delta R.T. 0.019 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

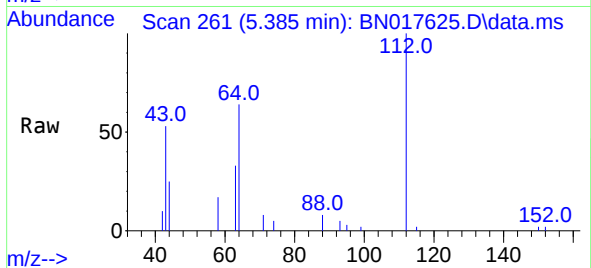
Tgt Ion: 88 Resp: 33833
Ion Ratio Lower Upper
88 100
43 29.2 24.7 37.1
58 70.5 63.0 94.6





#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.385 min Scan# 20
Delta R.T. 0.019 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

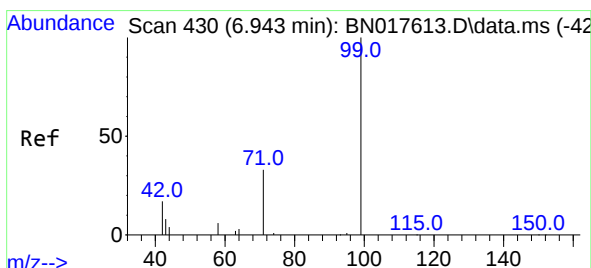
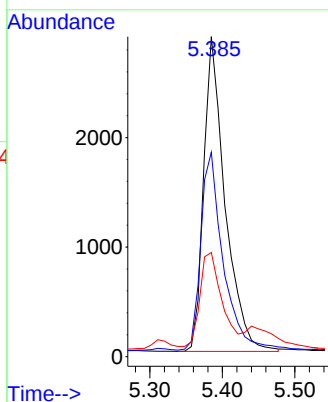
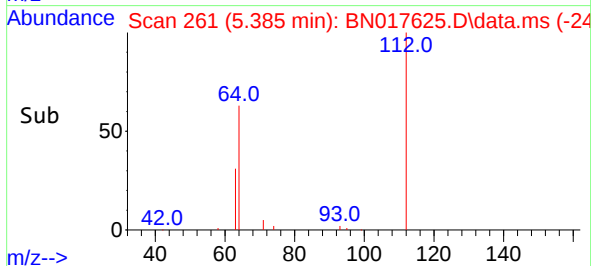
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Tgt Ion:112 Resp: 589
Ion Ratio Lower Upper
112 100
64 65.2 47.6 71.4
63 30.2 24.6 37.0

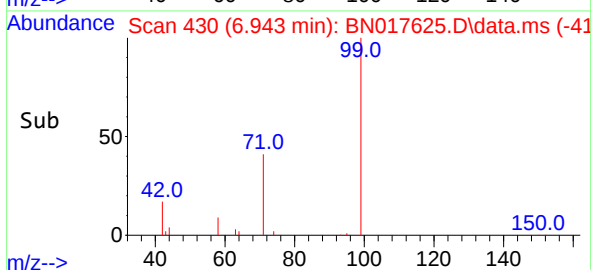
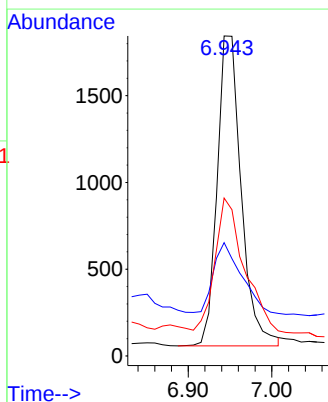
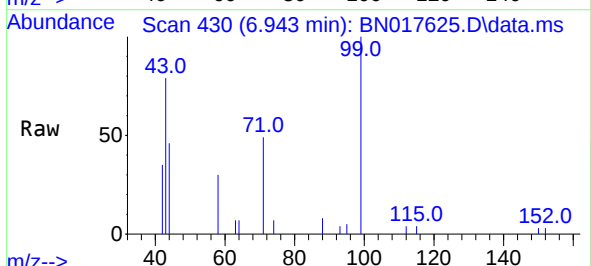
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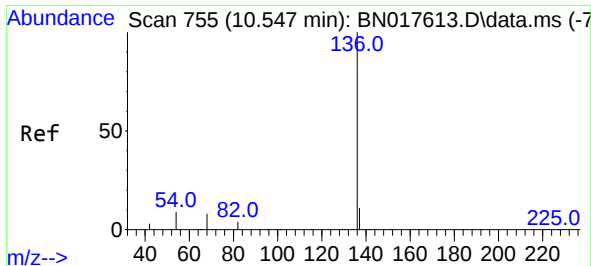
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#5
Phenol-d6
Concen: 0.06 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

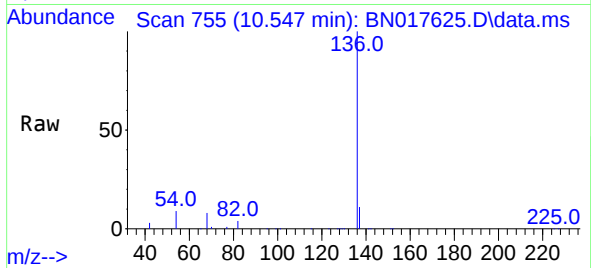
Tgt Ion: 99 Resp: 3569
Ion Ratio Lower Upper
99 100
42 26.5 17.0 25.6#
71 51.4 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.547 min Scan# 755
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

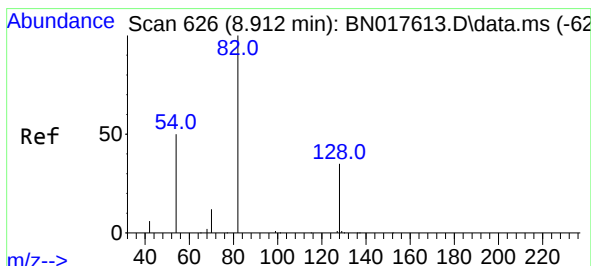
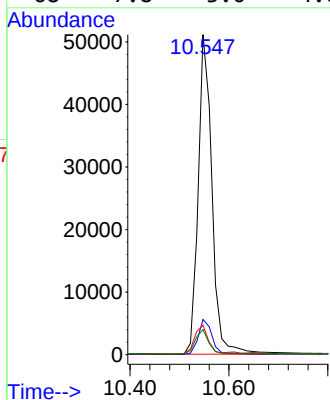
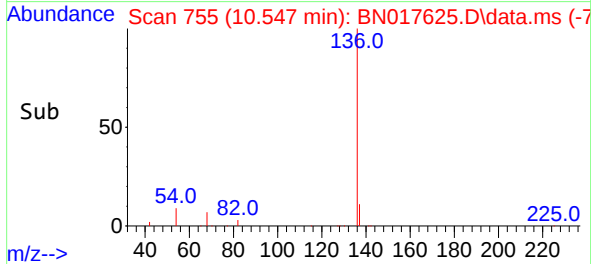
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Tgt Ion: 136 Resp: 9951
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.2 4.0 6.0
68 7.8 3.0 4.6

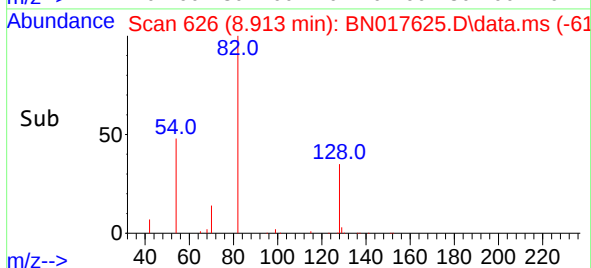
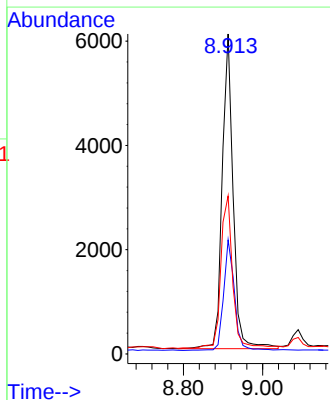
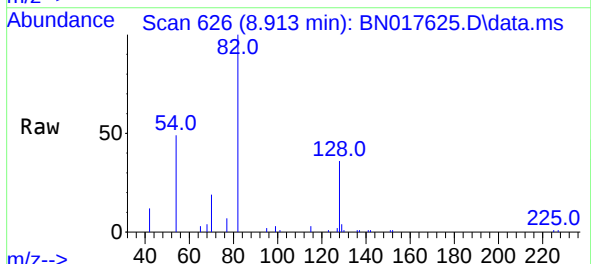
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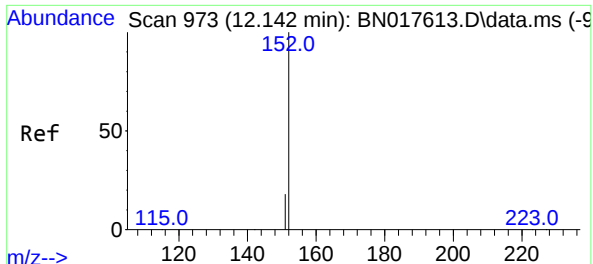
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.913 min Scan# 626
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion: 82 Resp: 11589
Ion Ratio Lower Upper
82 100
128 35.6 27.7 41.5
54 49.4 49.2 73.8





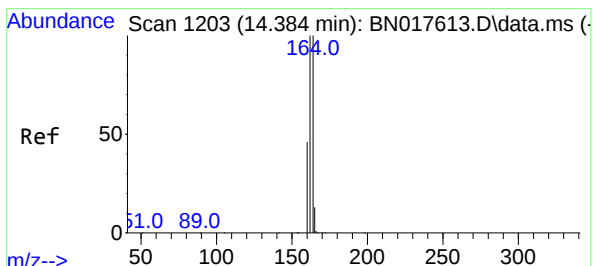
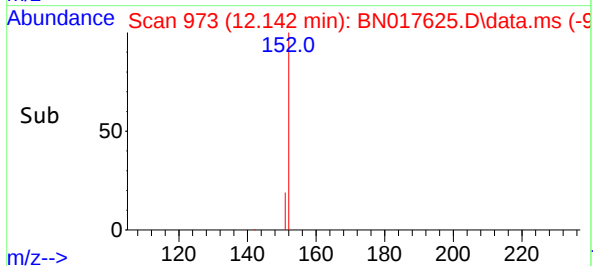
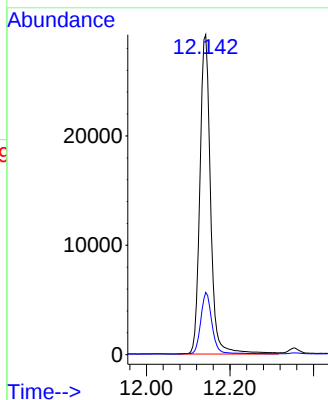
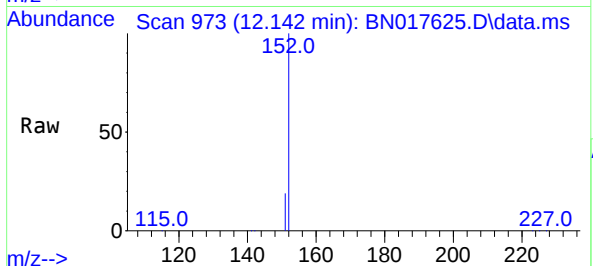
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.142 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321

Tgt Ion:152 Resp: 51740
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4

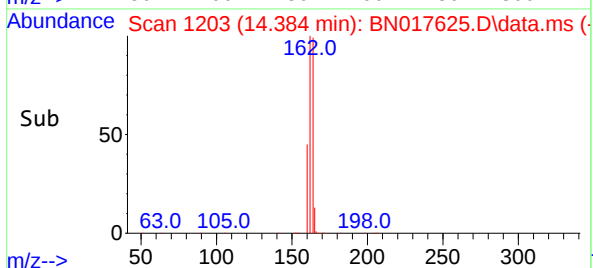
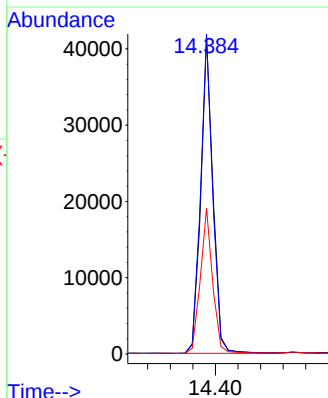
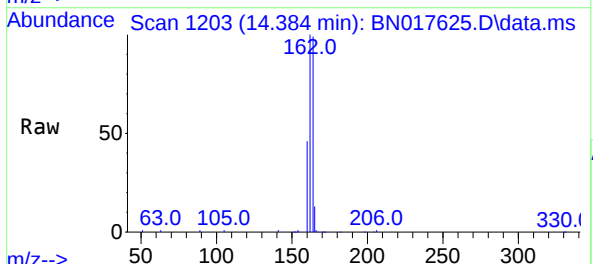
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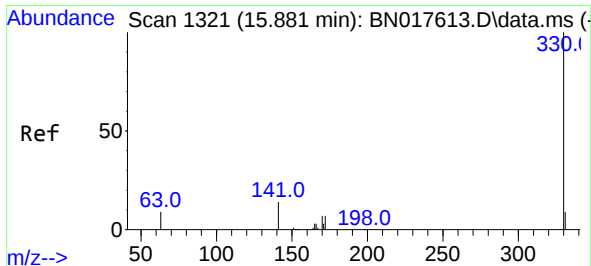
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

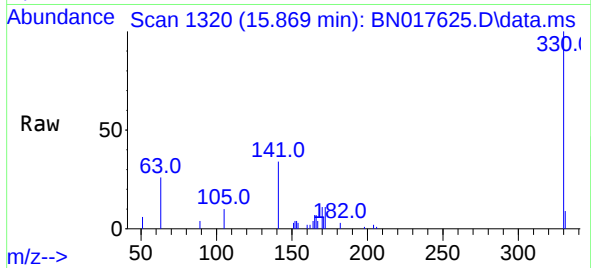
Tgt Ion:164 Resp: 62158
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.2
160 45.9 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 15.869 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

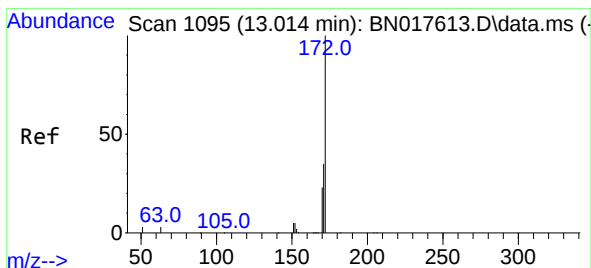
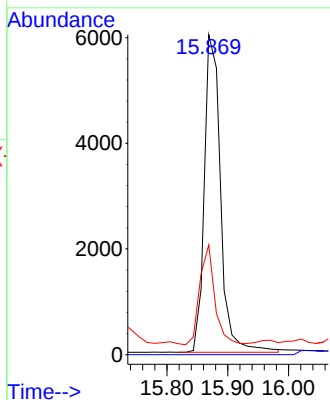
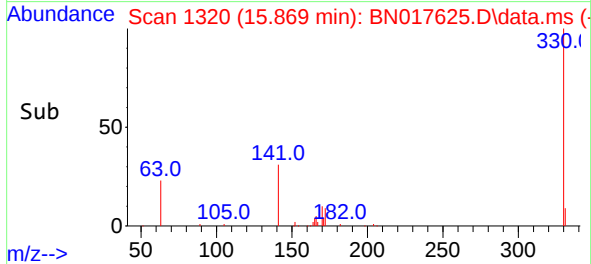
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Tgt Ion:330 Resp: 1118
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 28.9 43.3

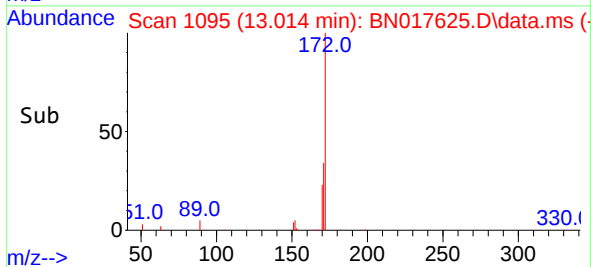
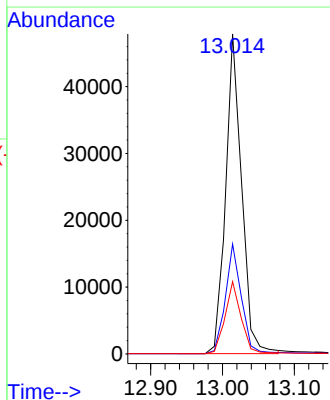
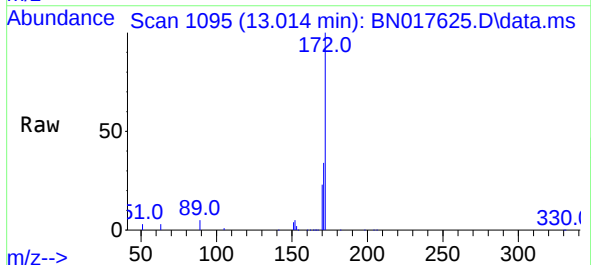
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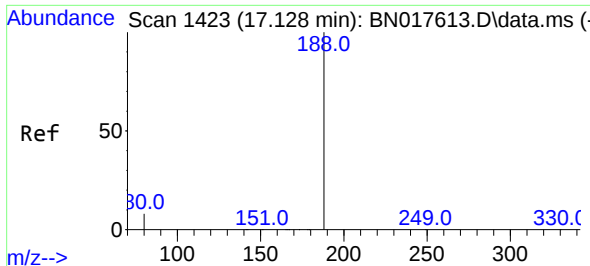
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.014 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

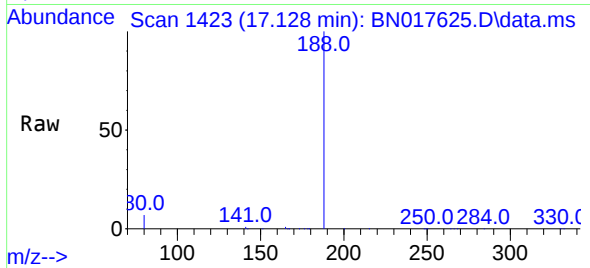
Tgt Ion:172 Resp: 73848
Ion Ratio Lower Upper
172 100
171 34.4 28.7 43.1
170 22.6 19.4 29.2





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

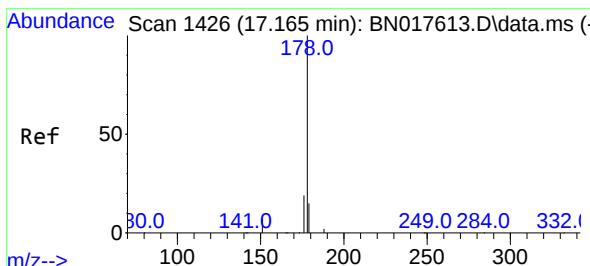
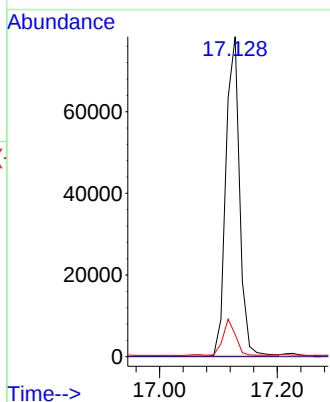
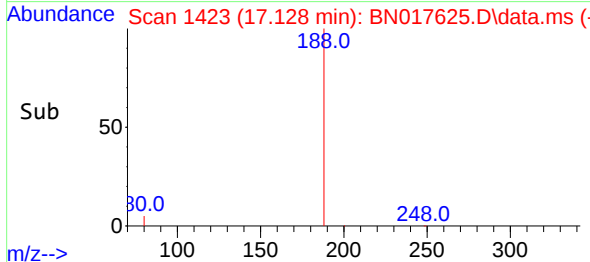
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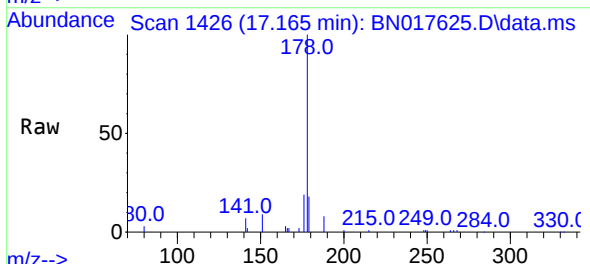
Tgt Ion:188 Resp: 12689
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.0 6.1 9.1

Manual Integrations
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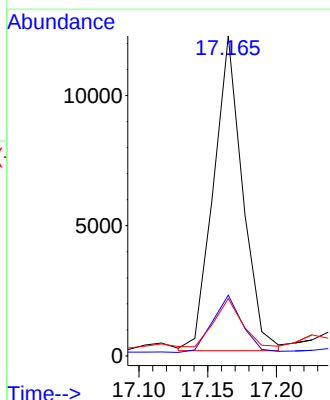
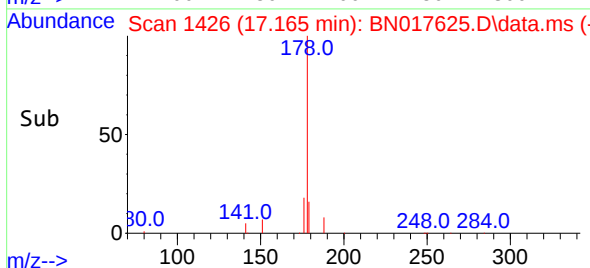
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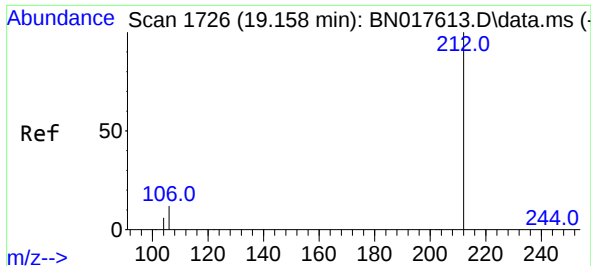


#25
Phenanthrene
Concen: 0.05 ng m
RT: 17.165 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00



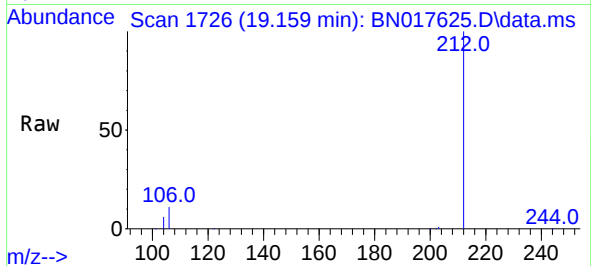
Tgt Ion:178 Resp: 17788
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 20.6 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.159 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

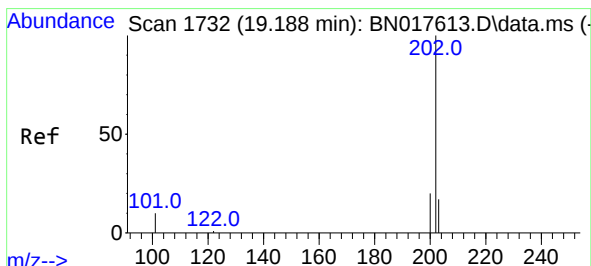
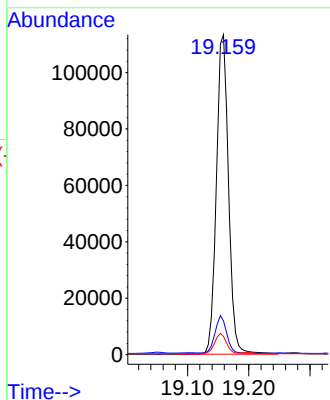
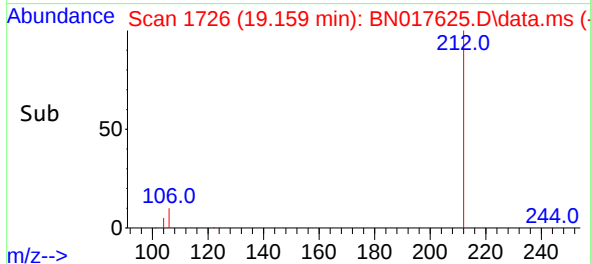
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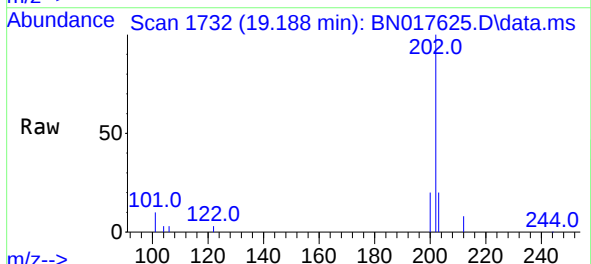
Tgt Ion:212 Resp: 156364
Ion Ratio Lower Upper
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106 11.2 10.5 15.7
104 6.2 5.8 8.6

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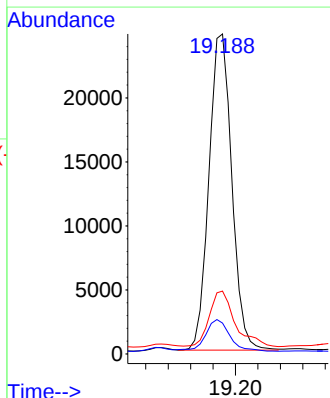
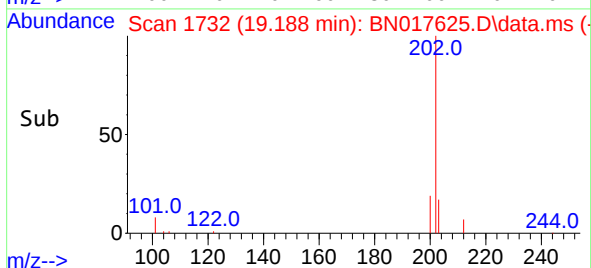
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

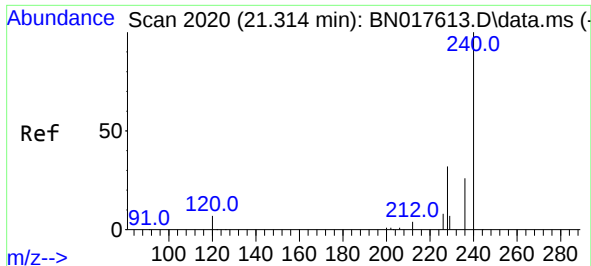


#28
Fluoranthene
Concen: 0.09 ng
RT: 19.188 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00



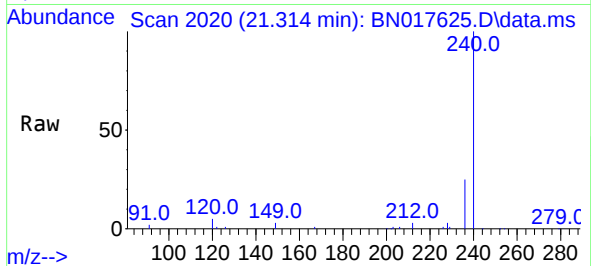
Tgt Ion:202 Resp: 34903
Ion Ratio Lower Upper
202 100
101 10.5 8.9 13.3
203 19.8 13.8 20.6





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

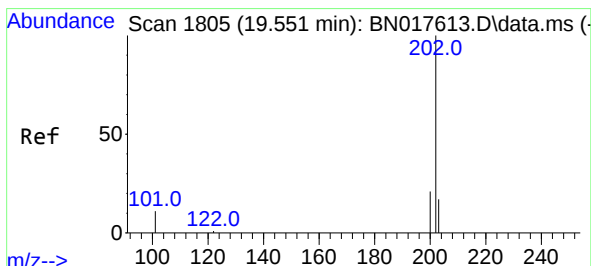
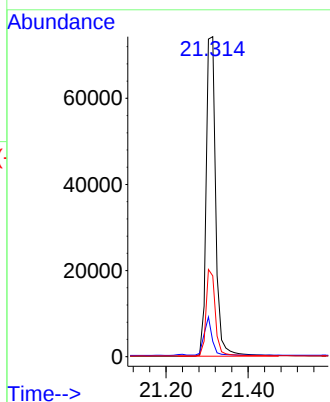
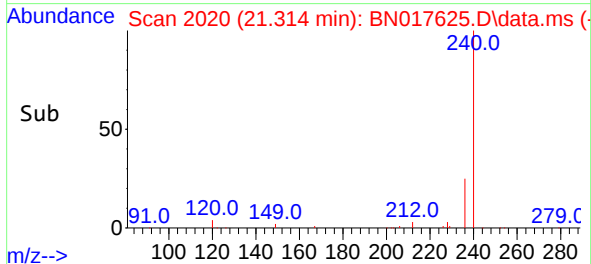
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



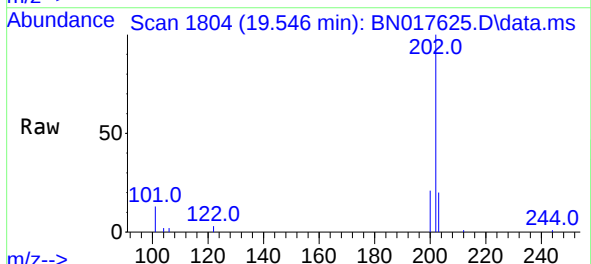
Tgt Ion:240 Resp: 12089
Ion Ratio Lower Upper
240 100
120 4.8 4.2 6.2
236 25.3 20.0 30.0

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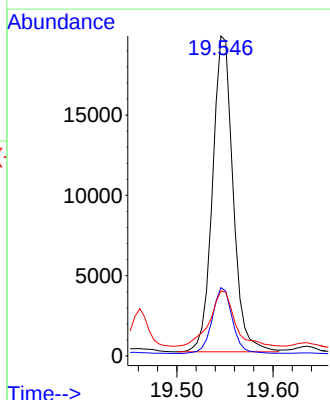
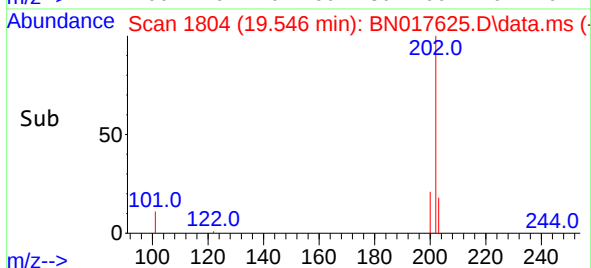
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

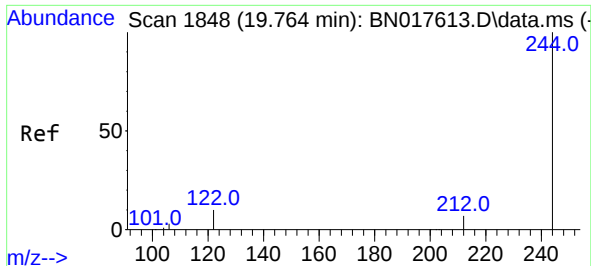


#30
Pyrene
Concen: 0.07 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00



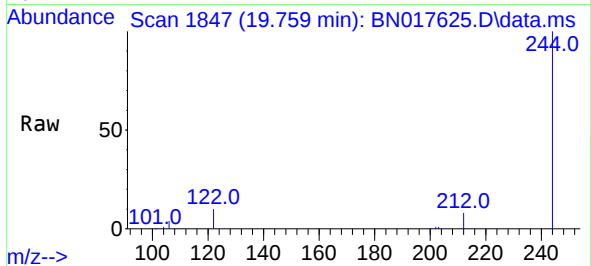
Tgt Ion:202 Resp: 29153
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 21.4 14.0 21.0#





#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.759 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

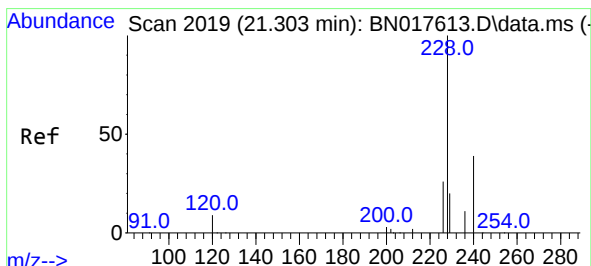
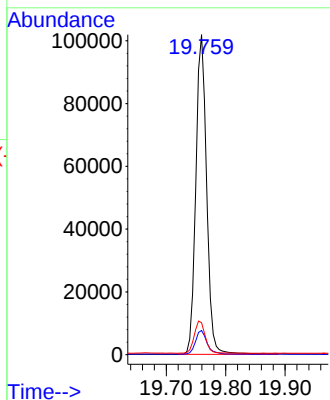
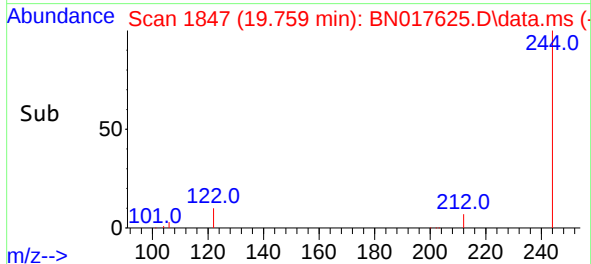
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



Tgt Ion:244 Resp: 128000
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.0 8.6 13.0

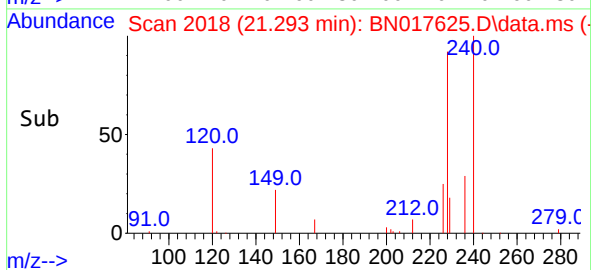
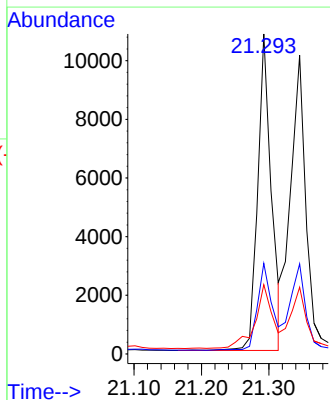
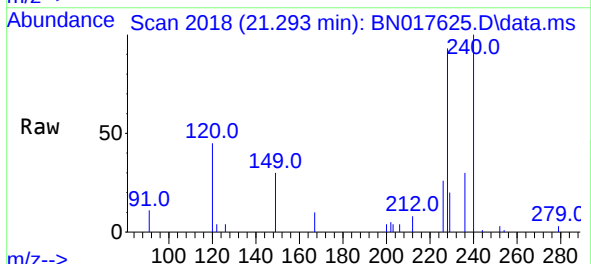
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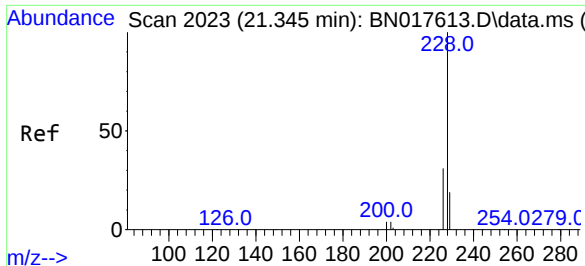
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#32
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.293 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

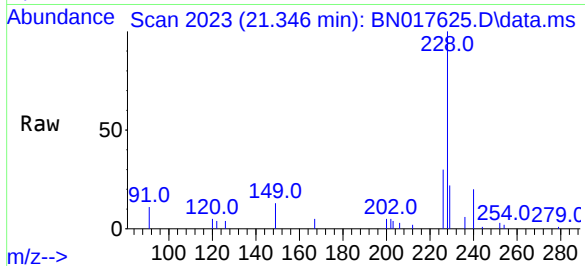
Tgt Ion:228 Resp: 15239
Ion Ratio Lower Upper
228 100
226 28.3 21.3 31.9
229 21.7 15.7 23.5





#33
Chrysene
Concen: 0.04 ng
RT: 21.346 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

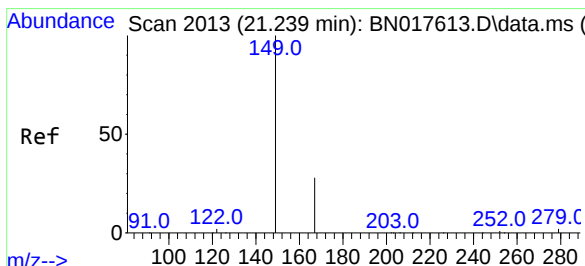
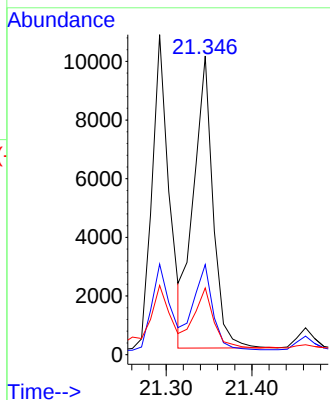
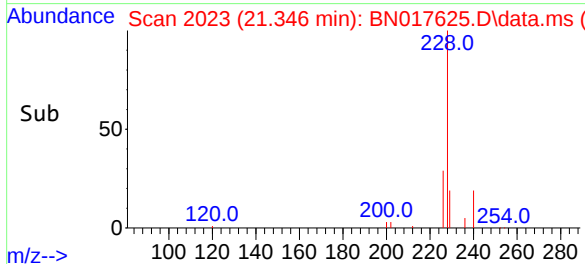
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



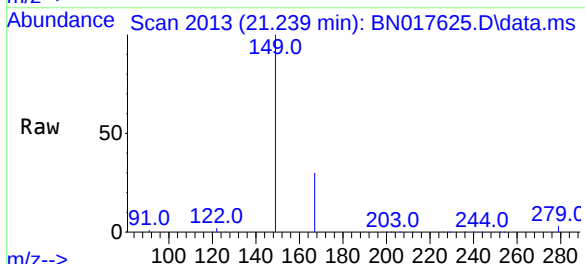
Tgt Ion:228 Resp: 15640
Ion Ratio Lower Upper
228 100
226 30.2 23.3 34.9
229 22.3 15.6 23.4

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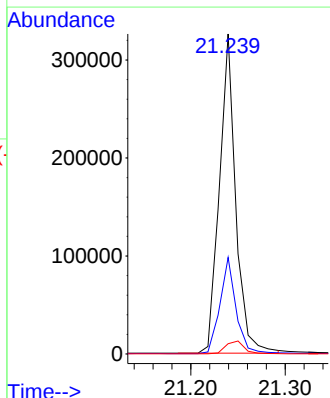
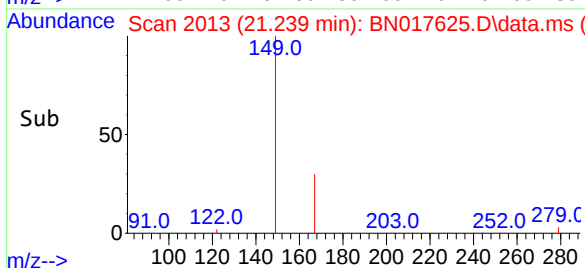
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

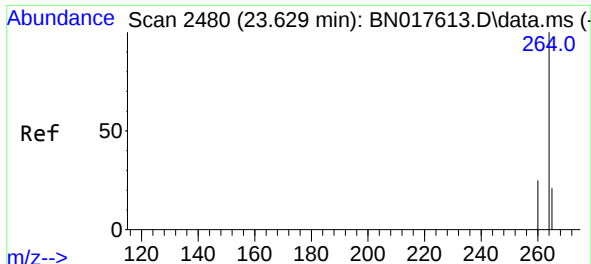


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.49 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00



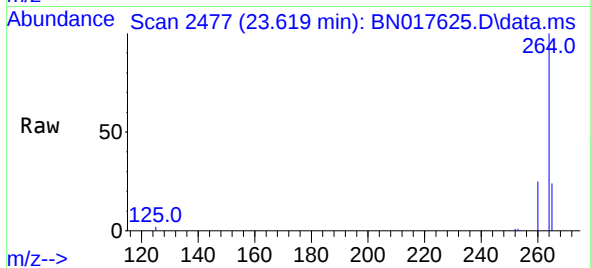
Tgt Ion:149 Resp: 390997
Ion Ratio Lower Upper
149 100
167 29.7 21.8 32.6
279 4.6 3.4 5.0





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.619 min Scan# 2477
Delta R.T. -0.010 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

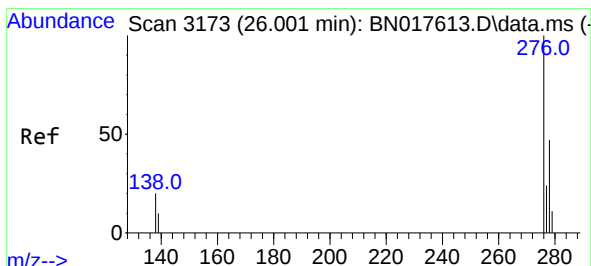
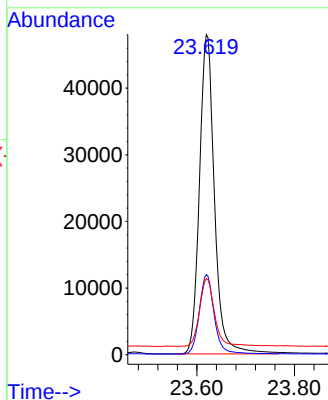
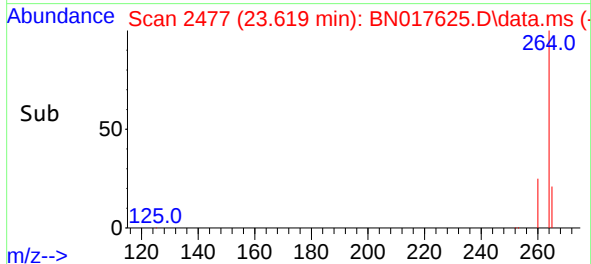
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



Tgt Ion:264 Resp: 10231
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 23.8 18.6 28.0

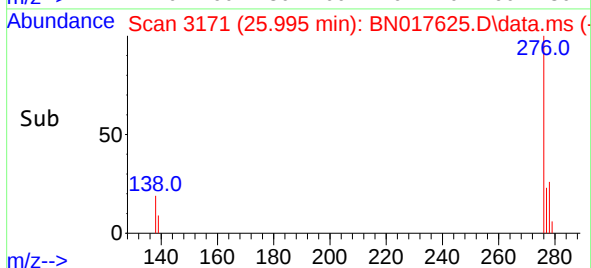
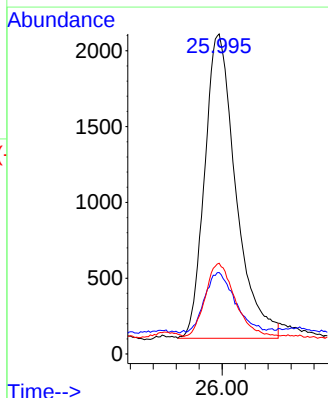
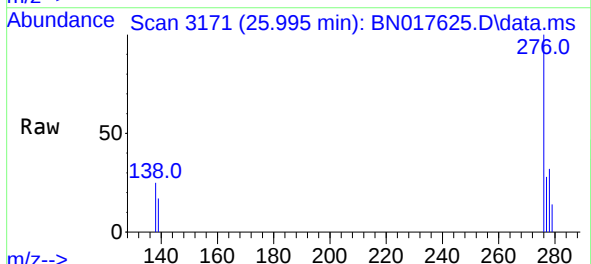
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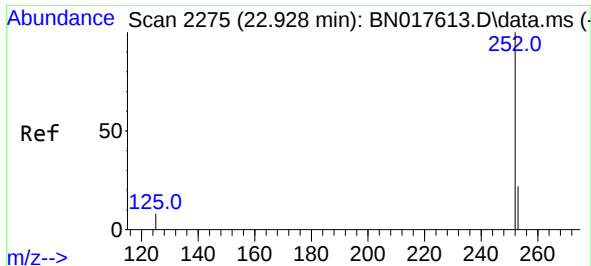
Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 25.995 min Scan# 3171
Delta R.T. -0.007 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:276 Resp: 7565
Ion Ratio Lower Upper
276 100
138 18.9 19.7 29.5#
277 22.8 20.0 30.0





#37

Benzo(b)fluoranthene

Concen: 0.05 ng

RT: 22.924 min Scan# 2274

Delta R.T. -0.003 min

Lab File: BN017625.D

Acq: 30 Nov 2021 23:00

Instrument :

BNA_N

ClientSampleId :

GWBR3D-B-425-446-112321

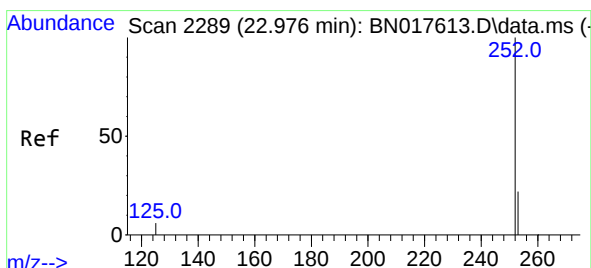
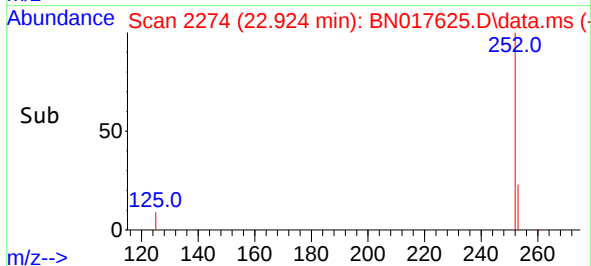
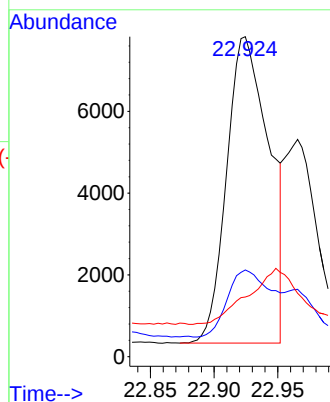
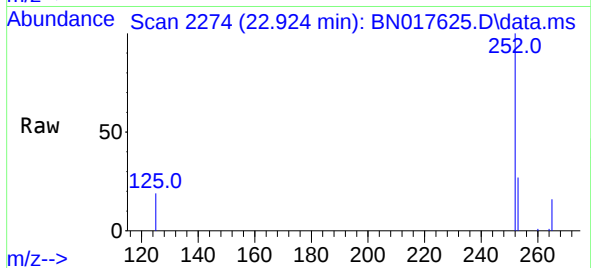
Tgt Ion:252 Resp: 17310

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.7	26.5
125	18.7	7.8	11.8

Manual Integrations

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#38

Benzo(k)fluoranthene

Concen: 0.03 ng m

RT: 22.966 min Scan# 2286

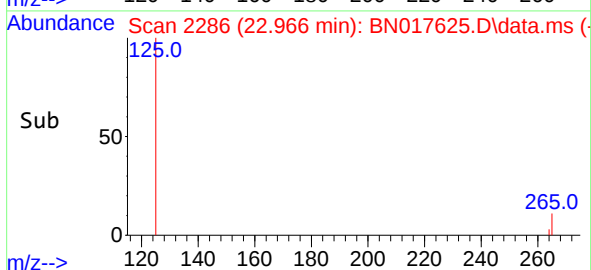
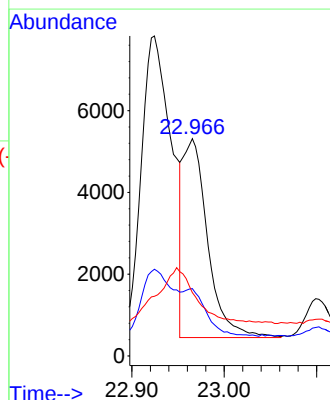
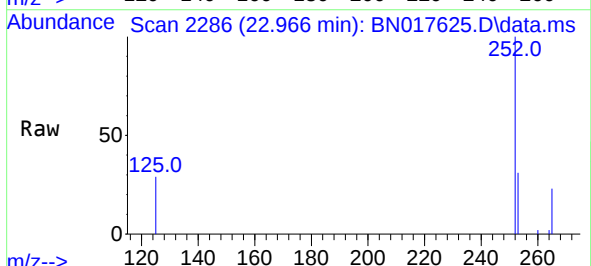
Delta R.T. -0.010 min

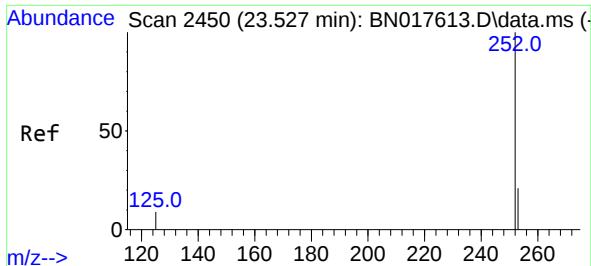
Lab File: BN017625.D

Acq: 30 Nov 2021 23:00

Tgt Ion:252 Resp: 9015

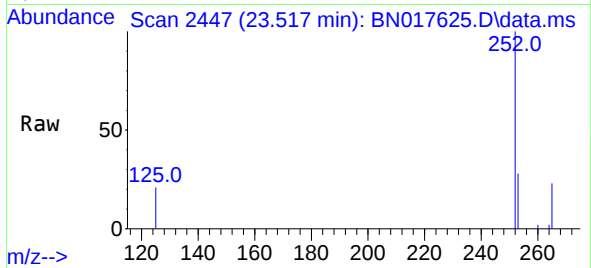
Ion	Ratio	Lower	Upper
252	100		
253	31.0	17.7	26.5
125	29.2	8.2	12.2





#39
Benzo(a)pyrene
Concen: 0.04 ng
RT: 23.517 min Scan# 2447
Delta R.T. -0.010 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

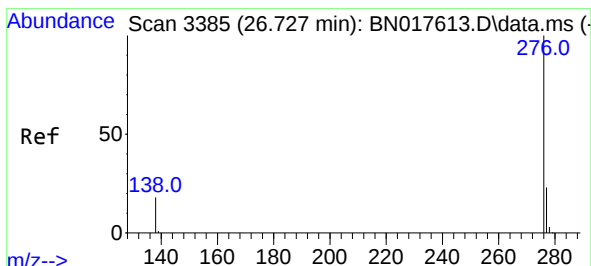
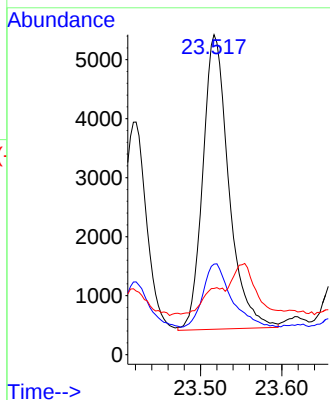
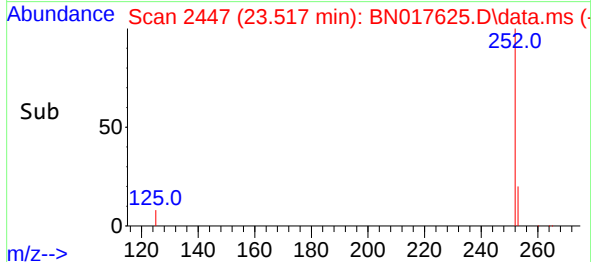
Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-425-446-112321



Tgt Ion:252 Resp: 11062
Ion Ratio Lower Upper
252 100
253 28.3 17.9 26.9
125 20.7 9.2 13.8

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Supervised By :mohammad ahmed 12/05/2021



#41
Benzo(g,h,i)perylene
Concen: 0.03 ng
RT: 26.717 min Scan# 3382
Delta R.T. -0.010 min
Lab File: BN017625.D
Acq: 30 Nov 2021 23:00

Tgt Ion:276 Resp: 7676
Ion Ratio Lower Upper
276 100
277 27.5 19.0 28.4
138 22.6 17.1 25.7

