

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017805.D
 Acq On : 08 Dec 2021 18:24
 Operator : CG/JU
 Sample : M4966-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 P1-COMP

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 11:04:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21459	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85710	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	59976	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	125561	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	110666	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	100926	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	13659	0.263	ng	0.02
5) Phenol-d6	6.912	99	12551	0.256	ng	0.00
8) Nitrobenzene-d5	8.859	82	18398	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	46222	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3475	0.111	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	69952	0.319	ng	0.01
27) Fluoranthene-d10	19.129	212	115020	0.274	ng	0.00
31) Terphenyl-d14	19.735	244	111656	0.470	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	6161	0.027	ng	# 94
25) Phenanthrene	17.129	178	26640m	0.081	ng	
28) Fluoranthene	19.159	202	37593	0.094	ng	100
30) Pyrene	19.521	202	35908	0.102	ng	# 95
32) Benzo(a)anthracene	21.272	228	34962	0.103	ng	96
33) Chrysene	21.325	228	32436	0.091	ng	97
34) Bis(2-ethylhexyl)phtha...	21.219	149	611151	3.959	ng	98
36) Indeno(1,2,3-cd)pyrene	25.954	276	16134	0.058	ng	98
37) Benzo(b)fluoranthene	22.898	252	33942	0.099	ng	# 70
38) Benzo(k)fluoranthene	22.939	252	24053	0.074	ng	# 66
39) Benzo(a)pyrene	23.490	252	24526	0.080	ng	# 64
40) Dibenzo(a,h)anthracene	25.971	278	9640	0.044	ng	# 61
41) Benzo(g,h,i)perylene	26.673	276	14504	0.062	ng	# 88

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

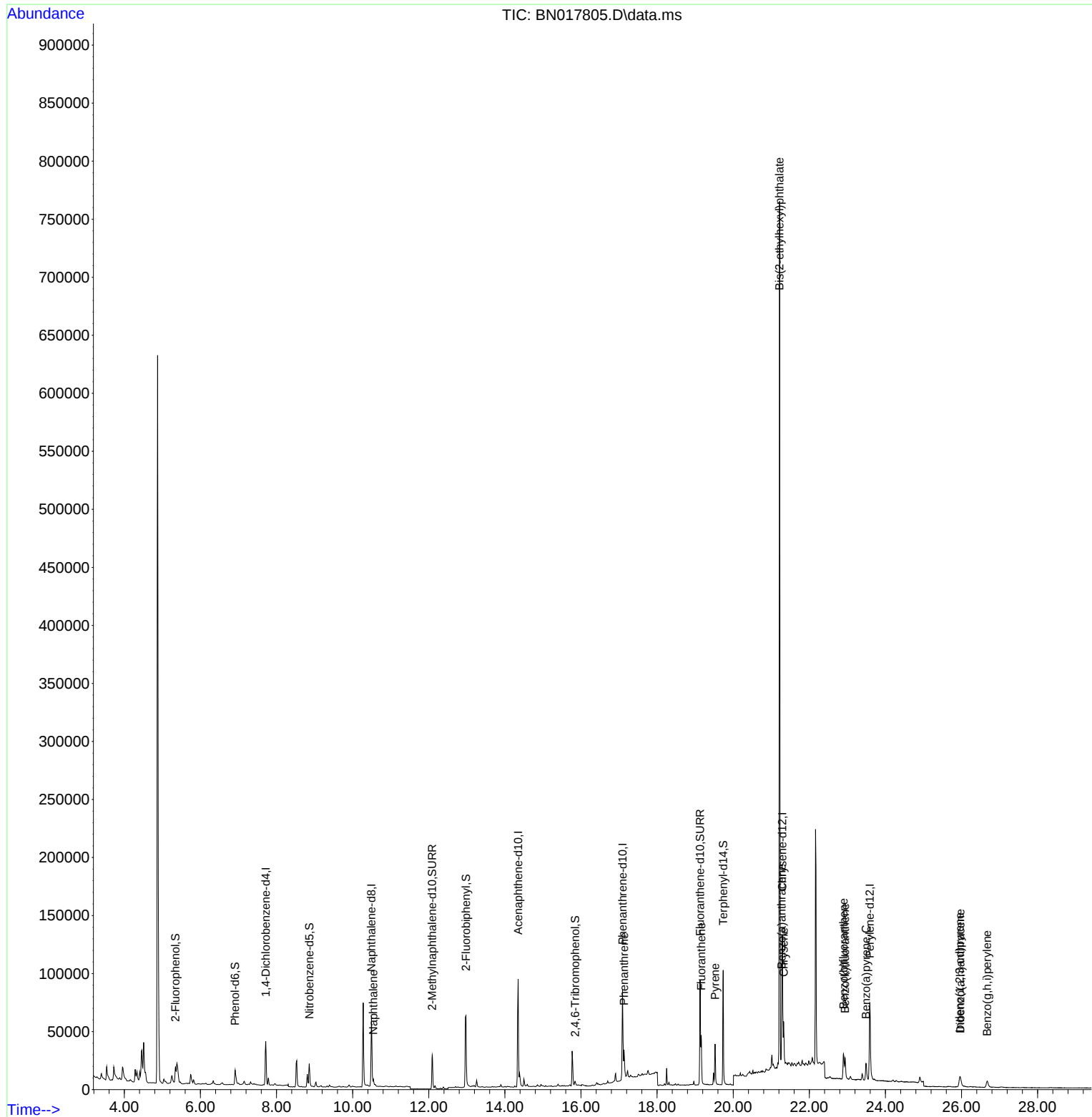
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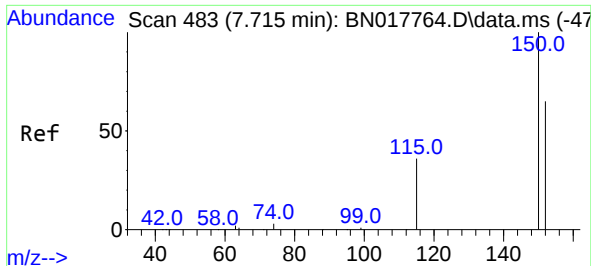
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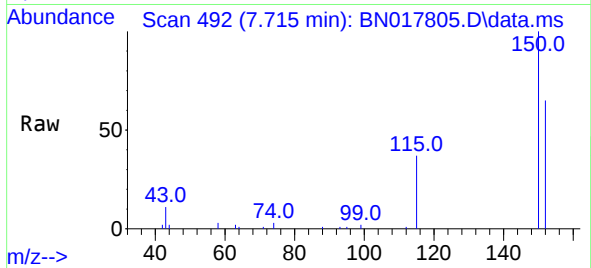
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :

BNA_N

ClientSampleId :

P1-COMP

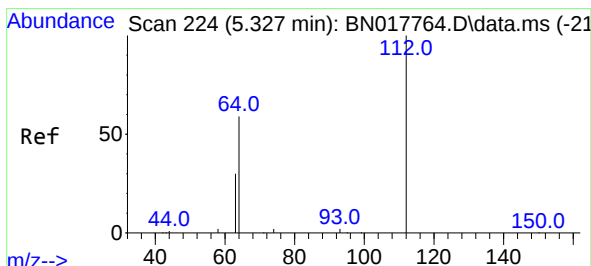
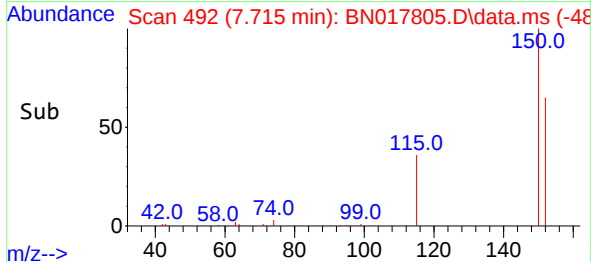
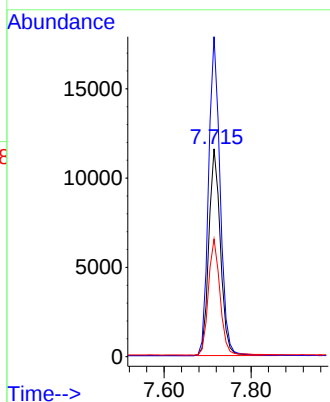


Tgt Ion:152 Resp: 21459
Ion Ratio Lower Upper
152 100
150 154.0 123.0 184.4
115 56.6 45.3 67.9

Manual Integrations

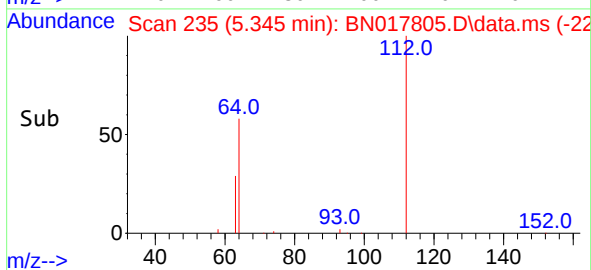
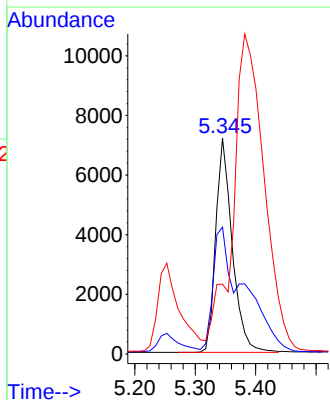
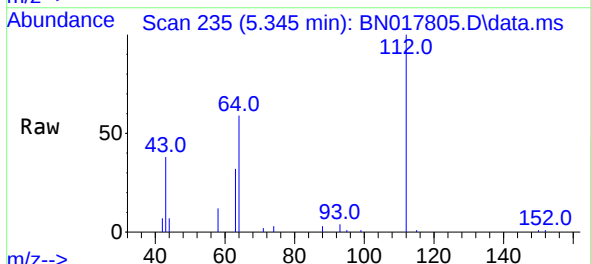
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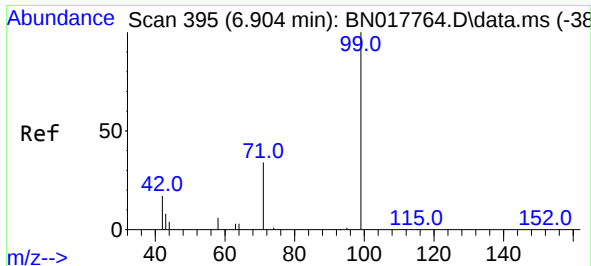
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Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.263 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

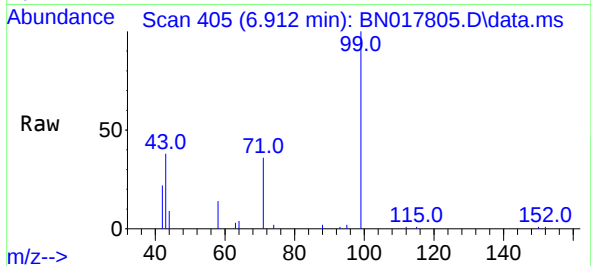
Tgt Ion:112 Resp: 13659
Ion Ratio Lower Upper
112 100
64 102.3 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.256 ng
RT: 6.912 min Scan# 40
Delta R.T. 0.009 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

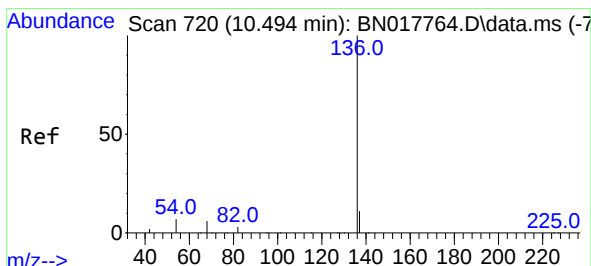
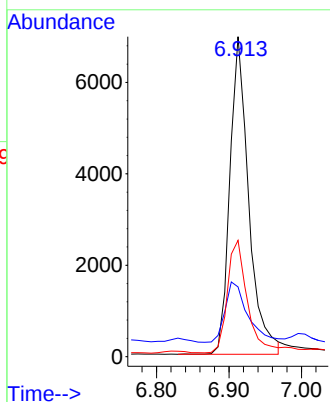
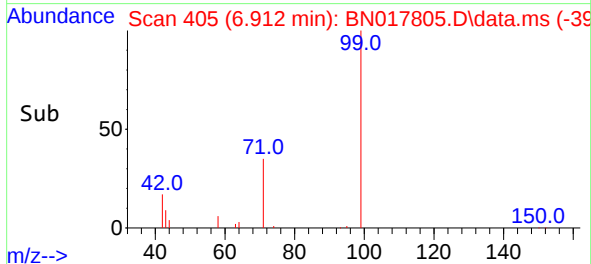
Instrument :
BNA_N
ClientSampleId :
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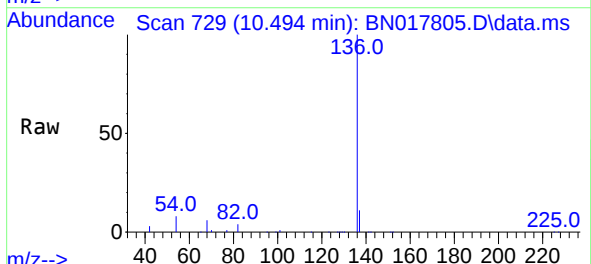
Tgt Ion: 99 Resp: 1255
Ion Ratio Lower Upper
99 100
42 22.7 16.6 25.0
71 37.2 29.0 43.4

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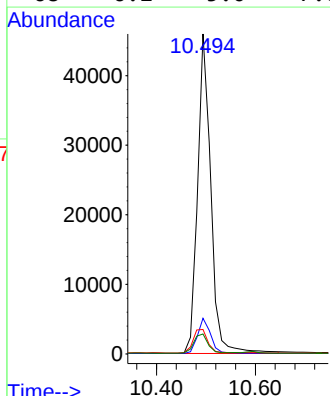
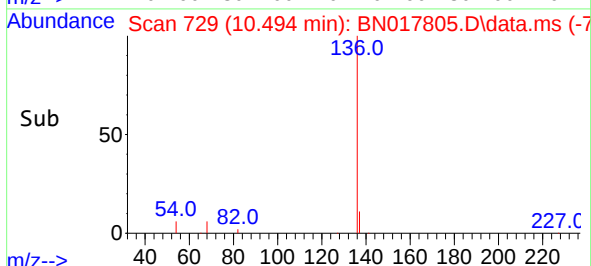
Reviewed By :Jagrut Upadhyay 12/09/2021
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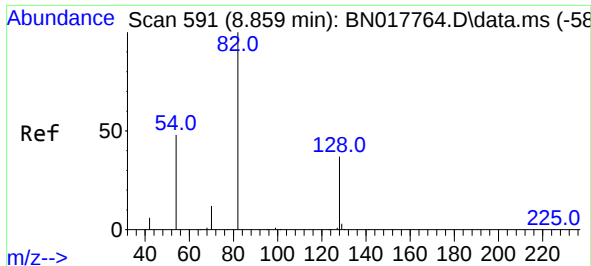


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24



Tgt Ion:136 Resp: 85710
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 5.9 8.9
68 6.2 5.0 7.6





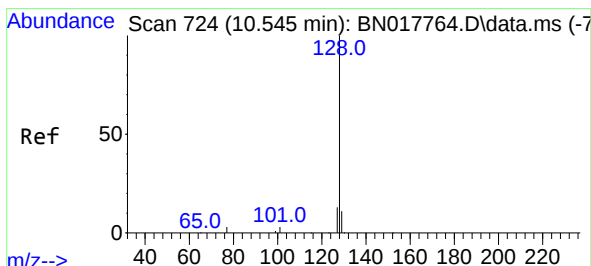
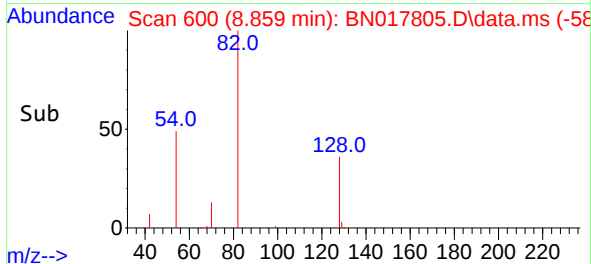
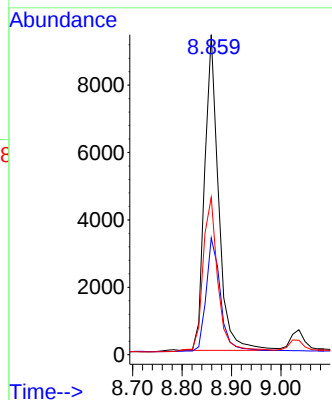
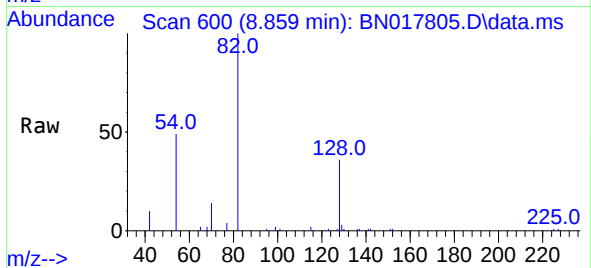
#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.859 min Scan# 60
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :
BNA_N
ClientSampleId :
P1-COMP

Tgt Ion: 82 Resp: 18398
Ion Ratio Lower Upper
82 100
128 36.5 30.2 45.2
54 49.2 39.0 58.6

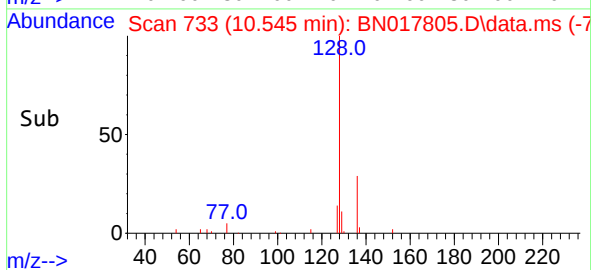
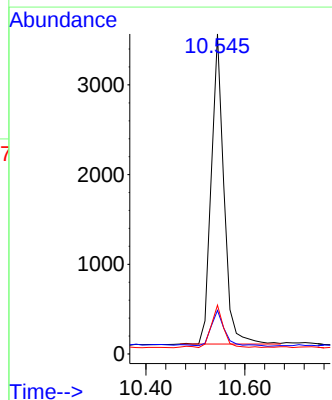
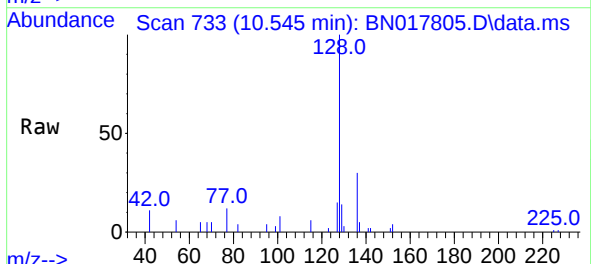
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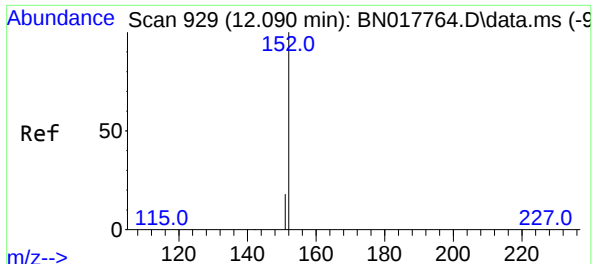
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.027 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Tgt Ion:128 Resp: 6161
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 15.3 10.6 15.8





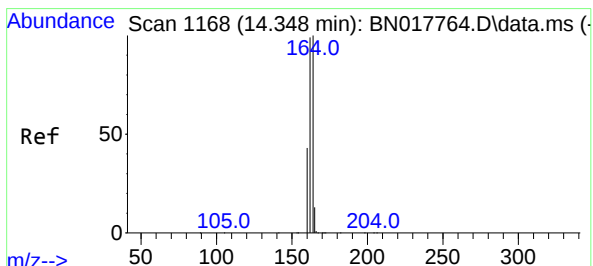
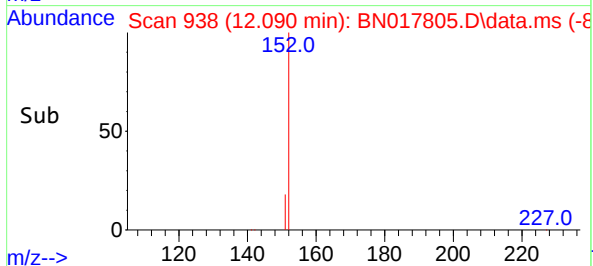
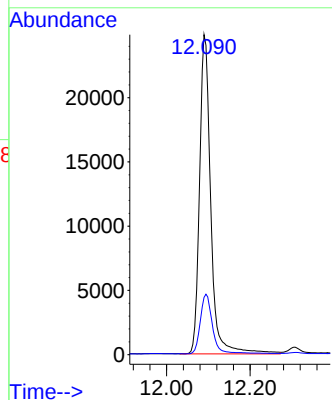
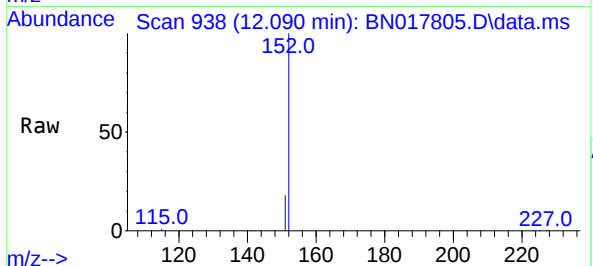
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :
BNA_N
ClientSampleId :
P1-COMP

Tgt Ion:152 Resp: 4622
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6

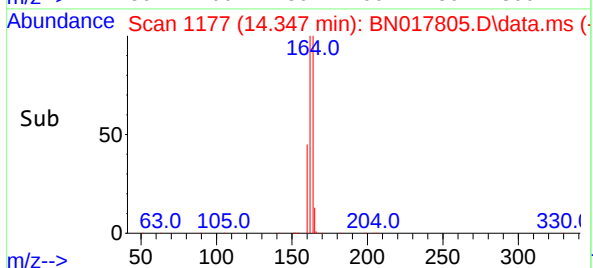
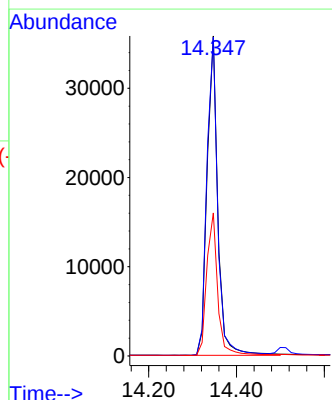
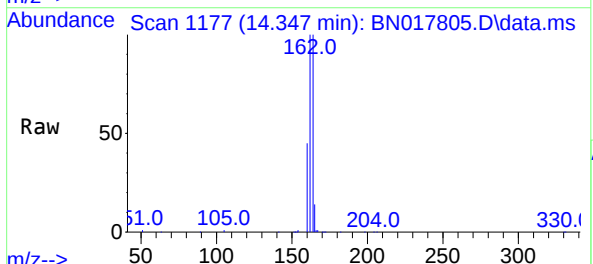
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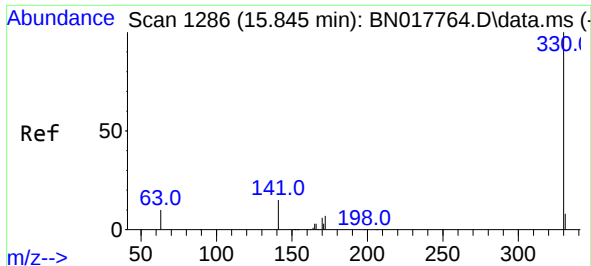
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Supervised By :mohammad ahmed 12/15/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

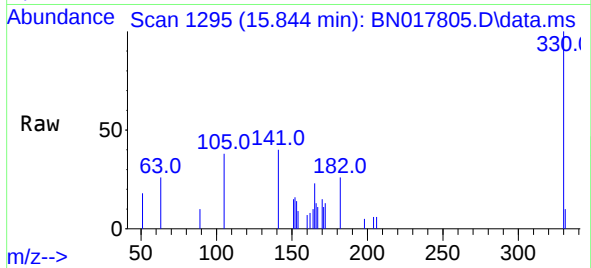
Tgt Ion:164 Resp: 59976
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 44.7 34.6 52.0





#14
2,4,6-Tribromophenol
Concen: 0.111 ng
RT: 15.844 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

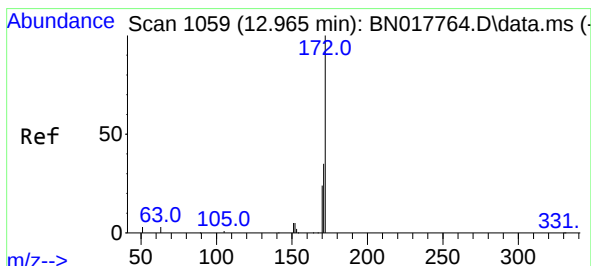
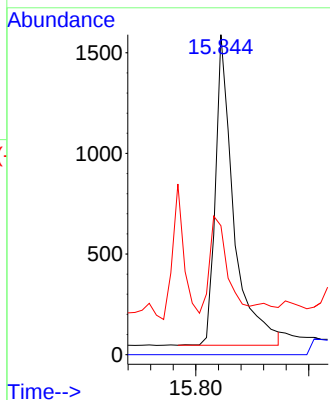
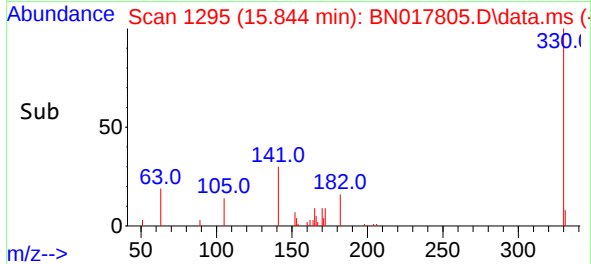
Instrument :
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ClientSampleId :
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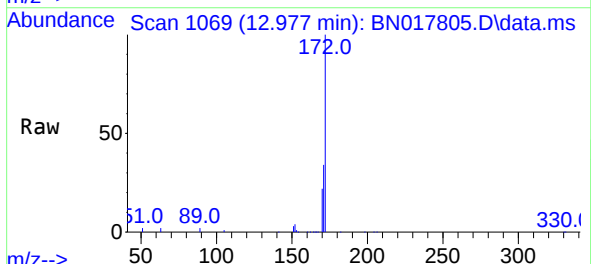
Tgt Ion:330 Resp: 3475
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.0 21.5 32.3

Manual Integrations
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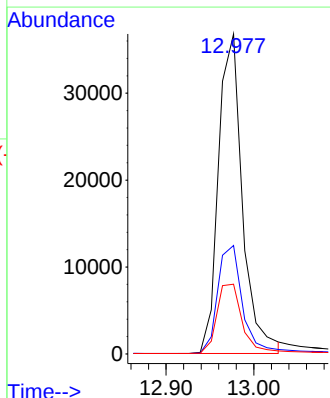
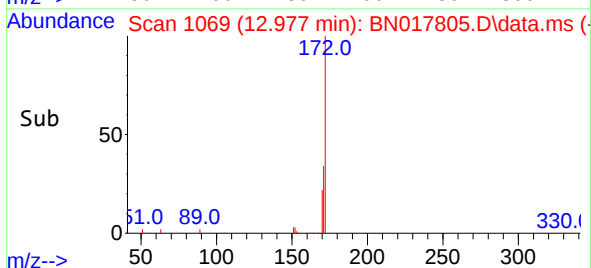
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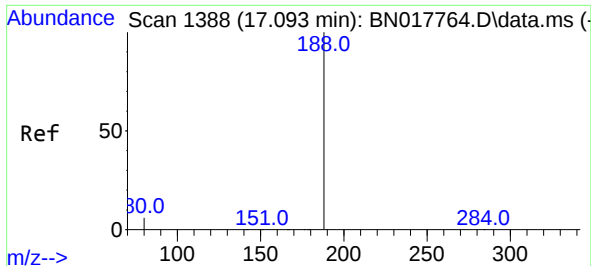


#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.977 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24



Tgt Ion:172 Resp: 69952
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 21.8 18.9 28.3





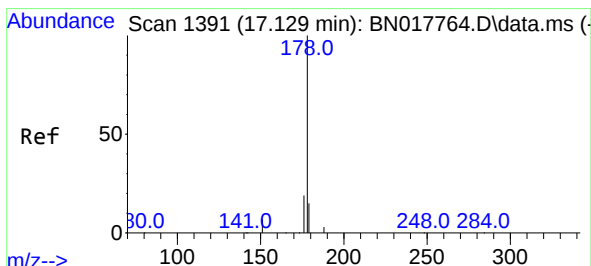
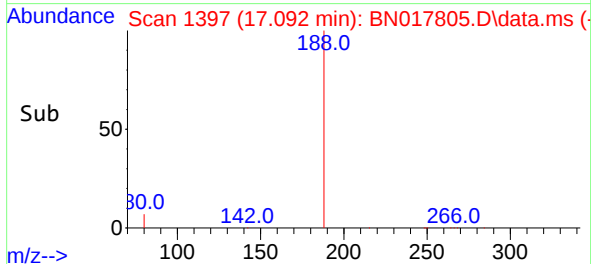
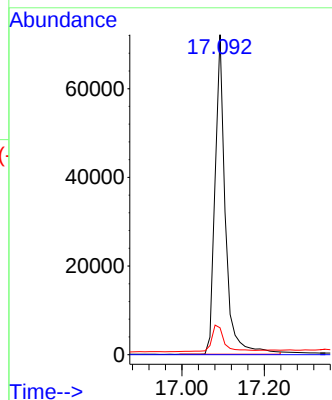
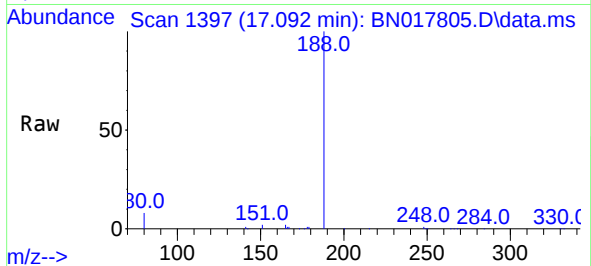
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Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :
BNA_N
ClientSampleId :
P1-COMP

Tgt Ion:188 Resp: 12556
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 5.1 7.7

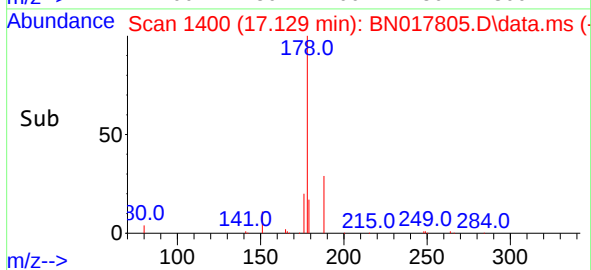
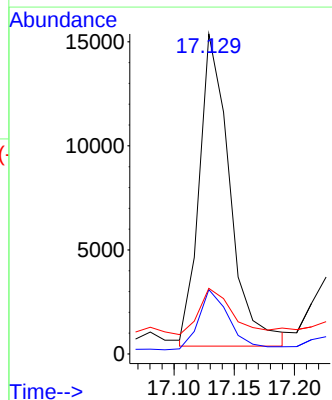
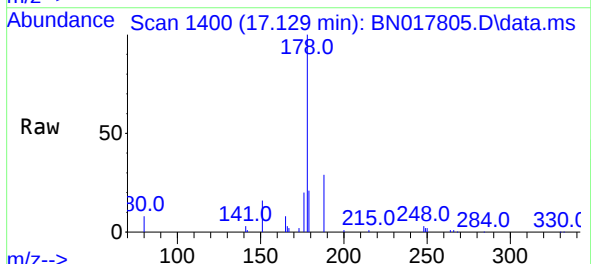
Manual Integrations
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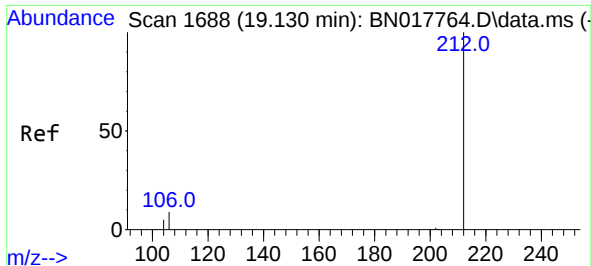
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.081 ng m
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Tgt Ion:178 Resp: 26640
Ion Ratio Lower Upper
178 100
176 21.7 15.0 22.6
179 15.9 12.5 18.7





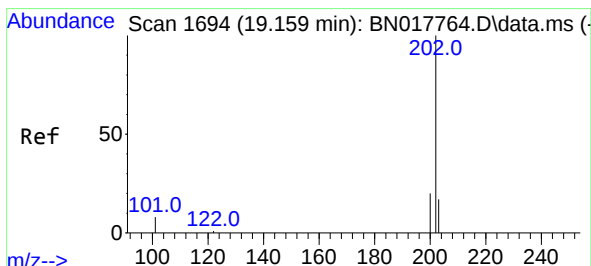
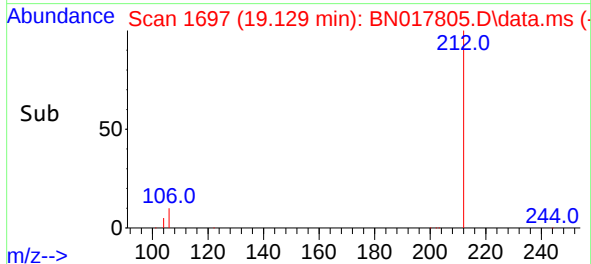
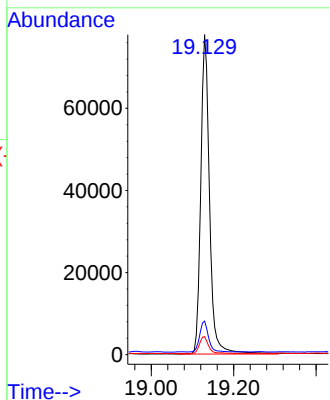
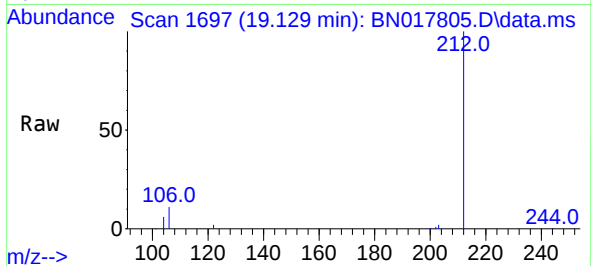
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Fluoranthene-d10
Concen: 0.274 ng
RT: 19.129 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :
BNA_N
ClientSampleId :
P1-COMP

Tgt Ion:212 Resp: 115020
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.5 4.6 6.8

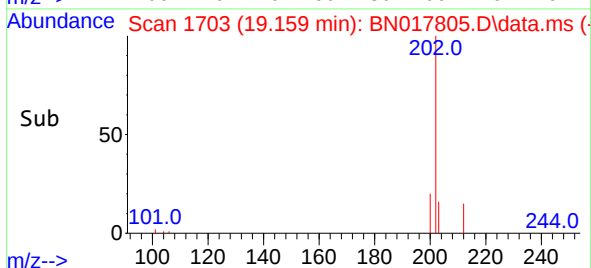
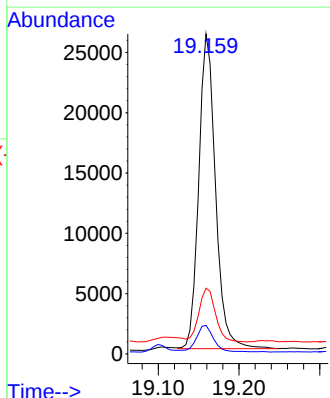
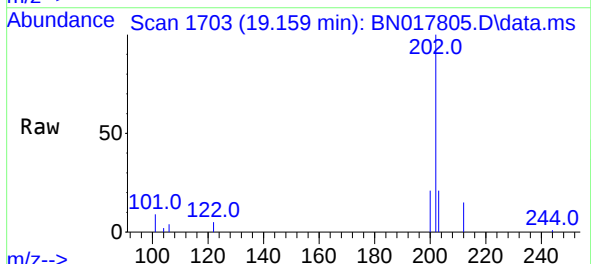
Manual Integrations
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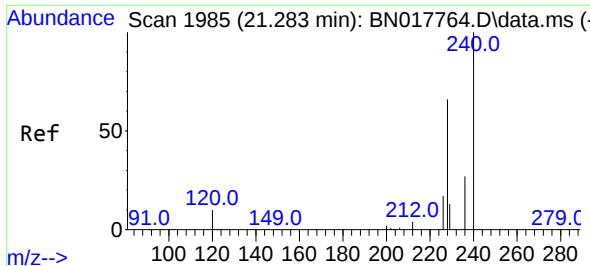
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#28
Fluoranthene
Concen: 0.094 ng
RT: 19.159 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

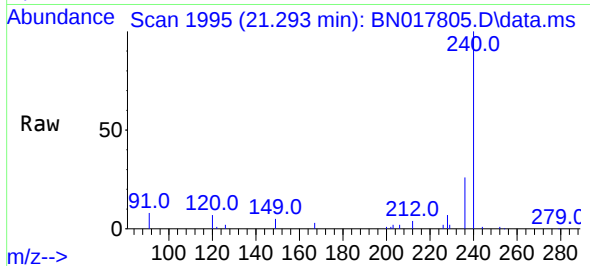
Tgt Ion:202 Resp: 37593
Ion Ratio Lower Upper
202 100
101 8.6 7.2 10.8
203 17.1 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

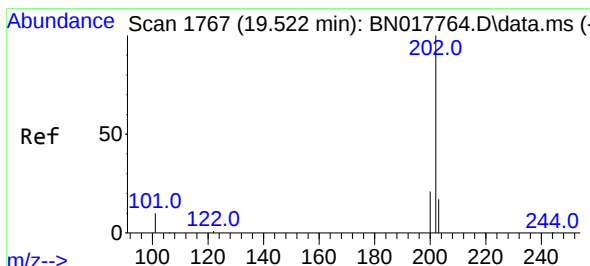
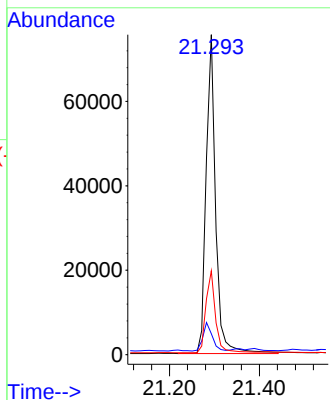
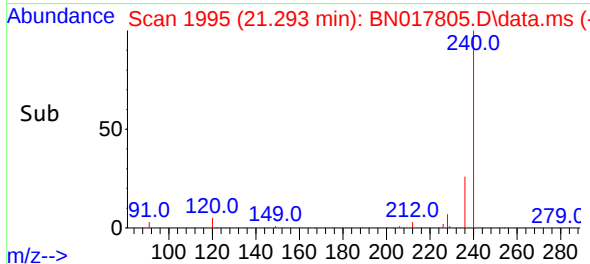
Instrument :
BNA_N
ClientSampleId :
P1-COMP



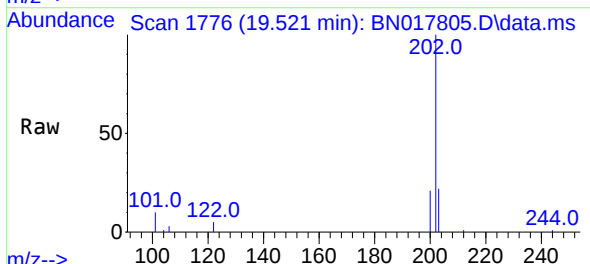
Tgt Ion:240 Resp: 110660
Ion Ratio Lower Upper
240 100
120 6.6 7.9 11.9
236 26.2 21.4 32.2

Manual Integrations
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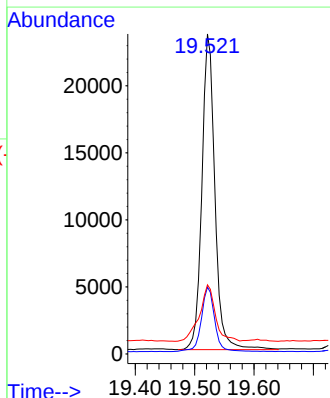
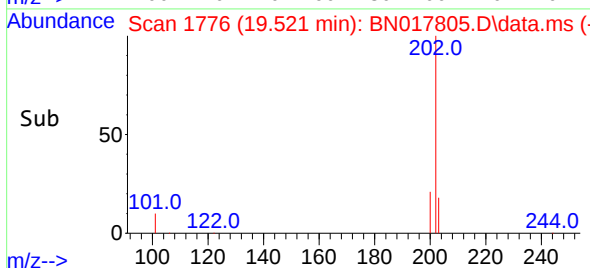
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

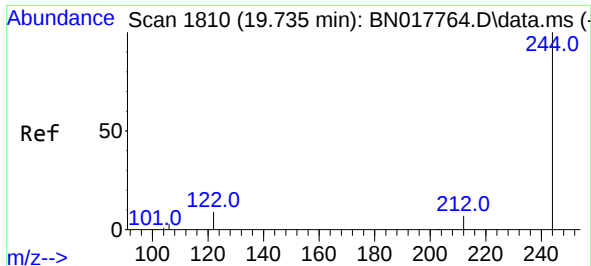


#30
Pyrene
Concen: 0.102 ng
RT: 19.521 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24



Tgt Ion:202 Resp: 35908
Ion Ratio Lower Upper
202 100
200 20.9 16.5 24.7
203 21.8 14.0 21.0





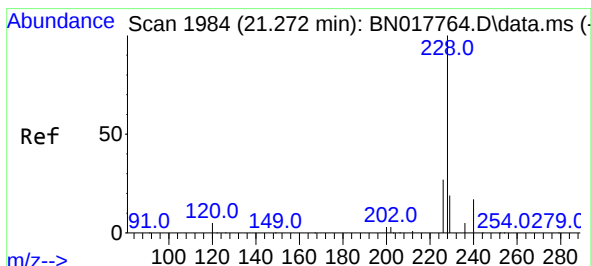
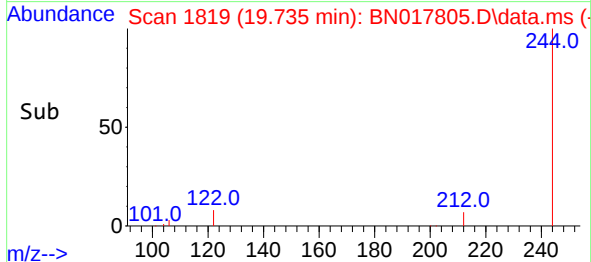
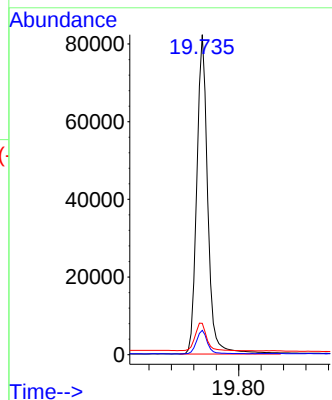
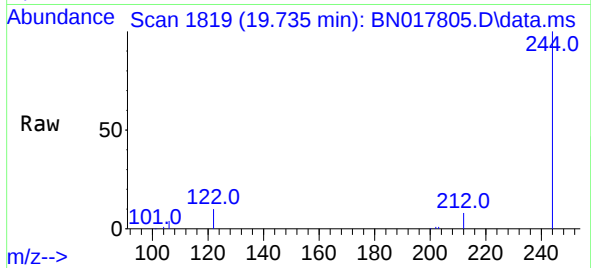
#31
 Terphenyl-d14
 Concen: 0.470 ng
 RT: 19.735 min Scan# 11165
 Delta R.T. -0.000 min
 Lab File: BN017805.D
 Acq: 08 Dec 2021 18:24

Instrument :
 BNA_N
 ClientSampleId :
 P1-COMP

Tgt Ion:244 Resp: 11165
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.8 7.1 10.7

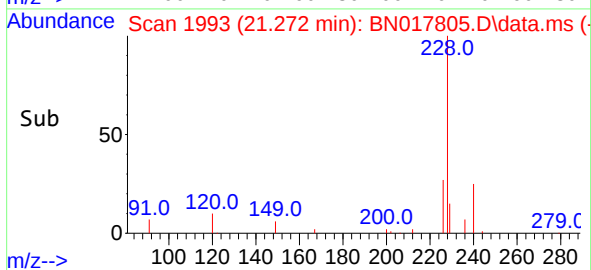
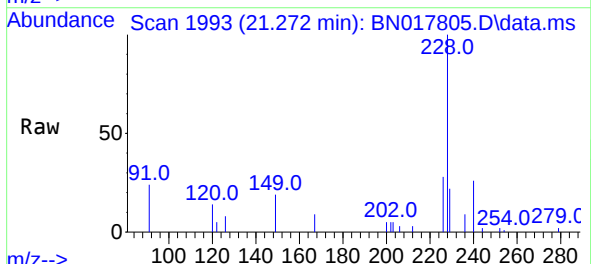
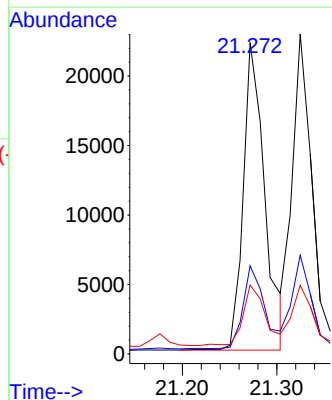
Manual Integrations
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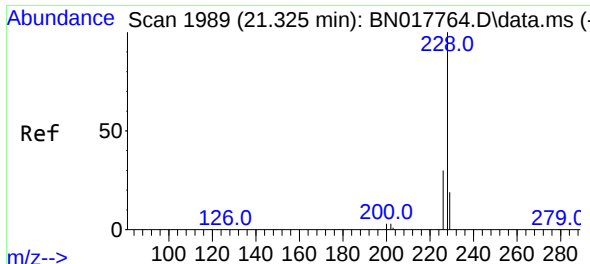
Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021



#32
 Benzo(a)anthracene
 Concen: 0.103 ng
 RT: 21.272 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: BN017805.D
 Acq: 08 Dec 2021 18:24

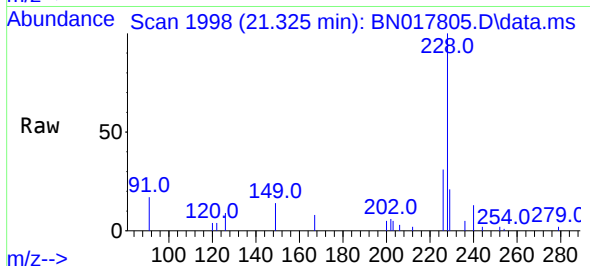
Tgt Ion:228 Resp: 34962
 Ion Ratio Lower Upper
 228 100
 226 28.3 21.4 32.0
 229 22.2 15.7 23.5





#33
Chrysene
Concen: 0.091 ng
RT: 21.325 min Scan# 1989
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

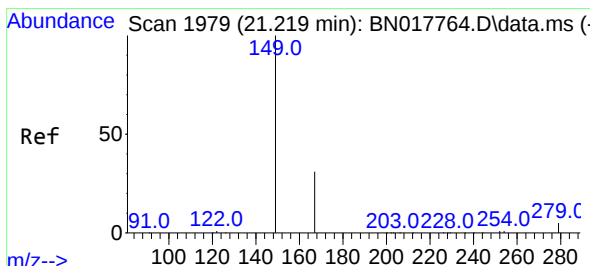
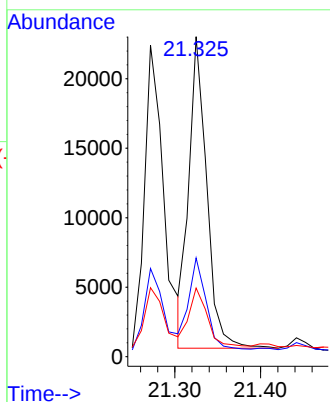
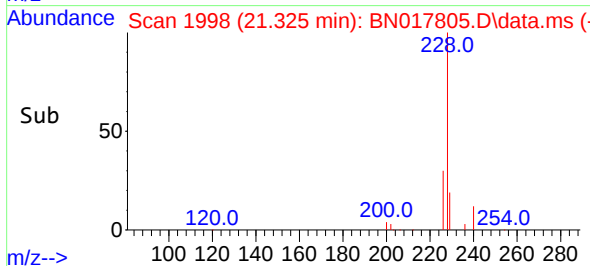
Instrument :
BNA_N
ClientSampleId :
P1-COMP



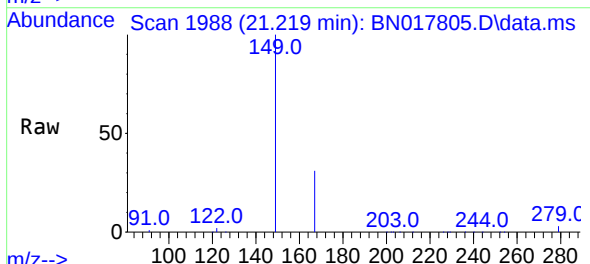
Tgt Ion:228 Resp: 32430
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.5 15.6 23.4

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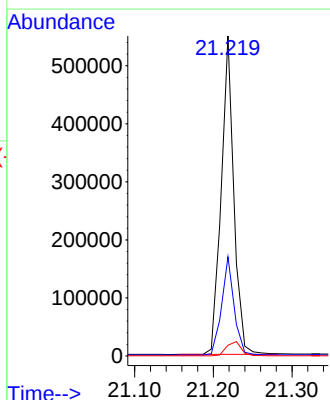
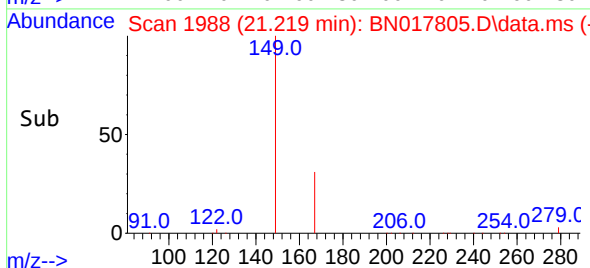
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

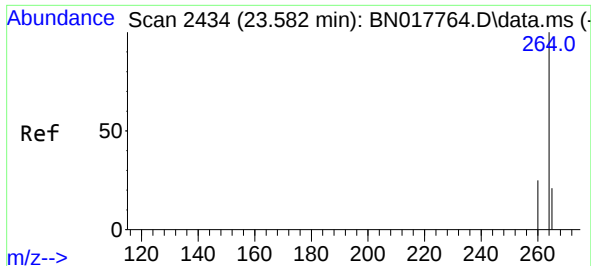


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.959 ng
RT: 21.219 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24



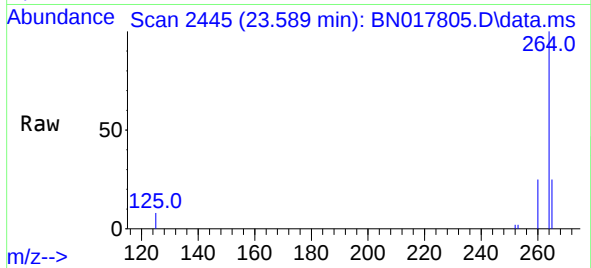
Tgt Ion:149 Resp: 611151
Ion Ratio Lower Upper
149 100
167 30.4 23.5 35.3
279 5.1 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

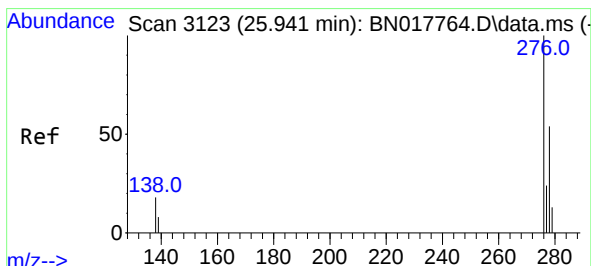
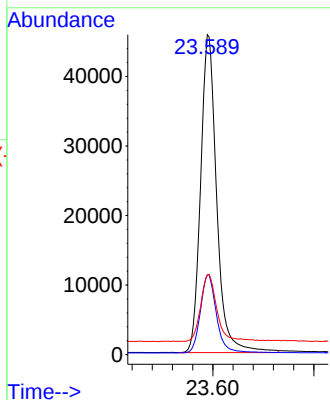
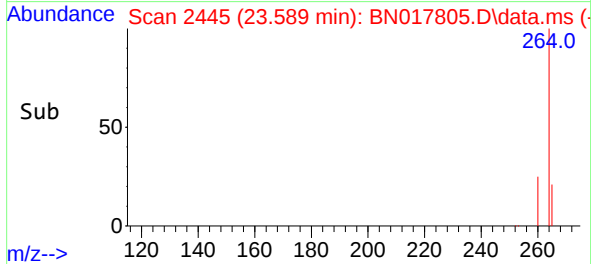
Instrument :
BNA_N
ClientSampleId :
P1-COMP



Tgt Ion:264 Resp: 100920
Ion Ratio Lower Upper
264 100
260 24.9 20.0 30.0
265 24.9 20.5 30.7

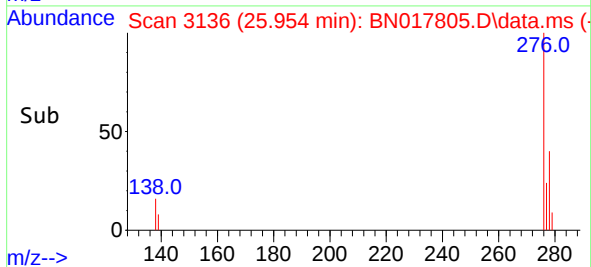
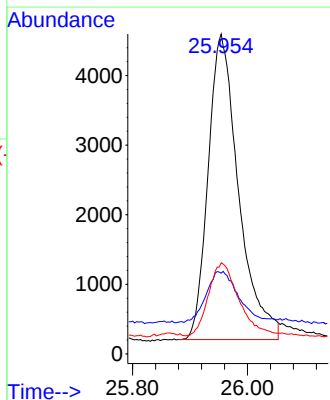
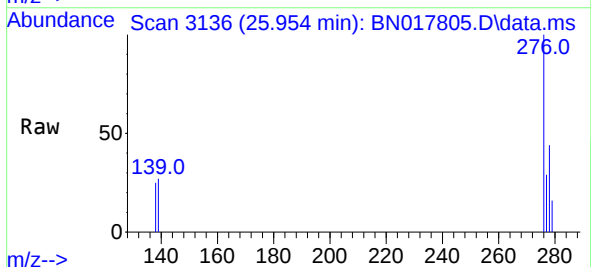
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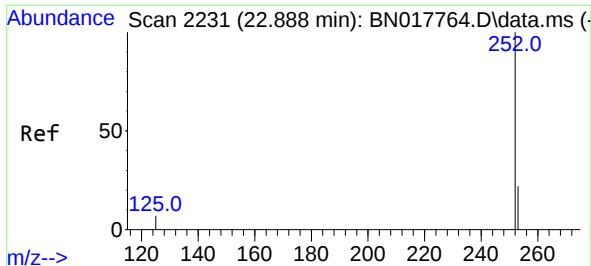
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 25.954 min Scan# 3136
Delta R.T. 0.013 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

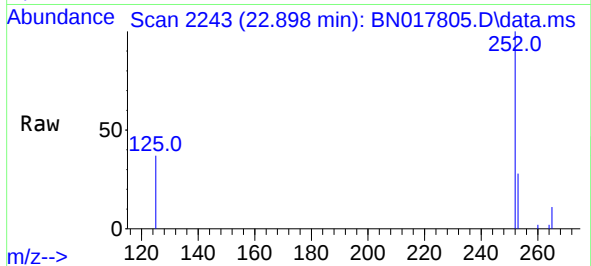
Tgt Ion:276 Resp: 16134
Ion Ratio Lower Upper
276 100
138 18.2 15.0 22.4
277 23.8 19.8 29.8





#37
Benzo(b)fluoranthene
Concen: 0.099 ng
RT: 22.898 min Scan# 21
Delta R.T. 0.010 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

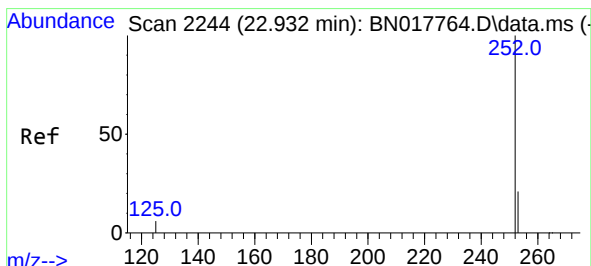
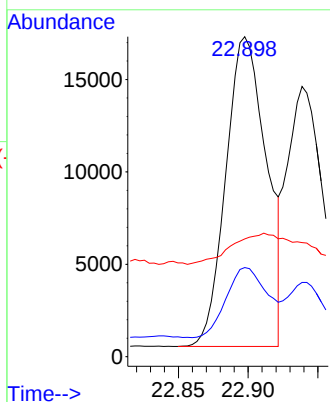
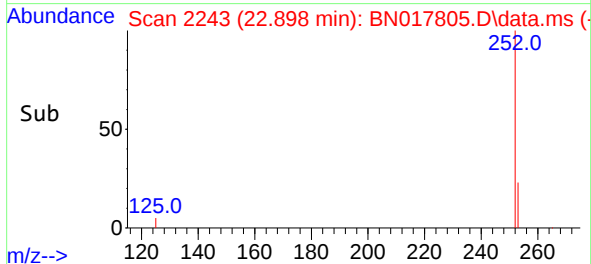
Instrument :
BNA_N
ClientSampleId :
P1-COMP



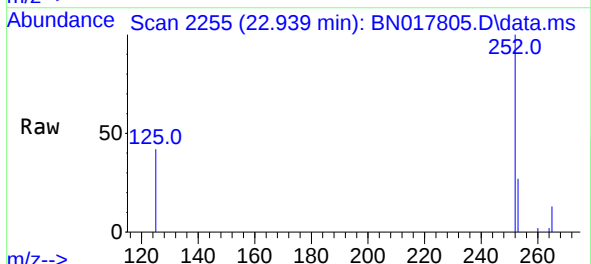
Tgt Ion:252 Resp: 3394
Ion Ratio Lower Upper
252 100
253 27.9 17.7 26.5#
125 36.8 6.2 9.2#

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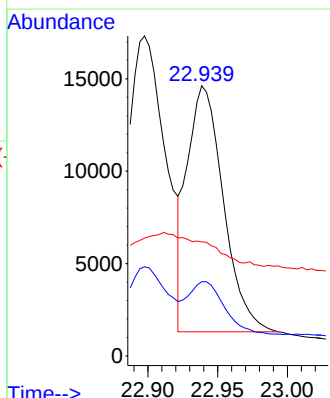
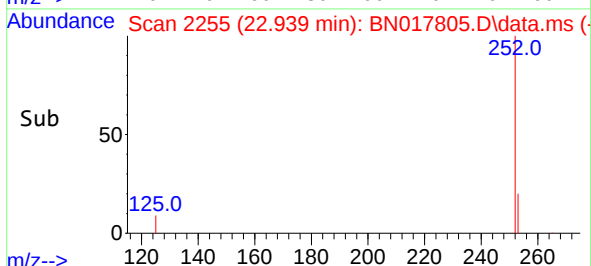
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

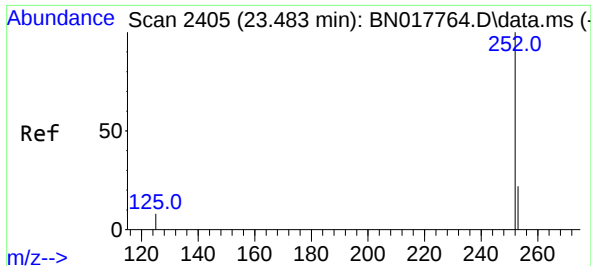


#38
Benzo(k)fluoranthene
Concen: 0.074 ng
RT: 22.939 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24



Tgt Ion:252 Resp: 24053
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.6#
125 42.2 6.2 9.2#





#39

Benzo(a)pyrene

Concen: 0.080 ng

RT: 23.490 min Scan# 2416

Delta R.T. 0.006 min

Lab File: BN017805.D

Acq: 08 Dec 2021 18:24

Instrument :

BN017805.D

ClientSampleId :

P1-COMP

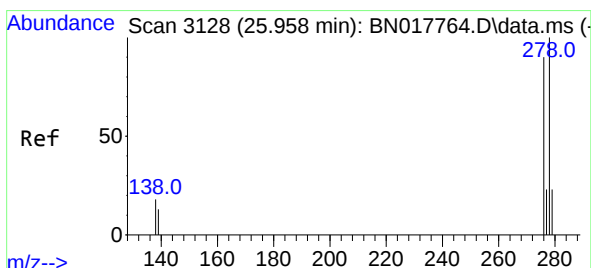
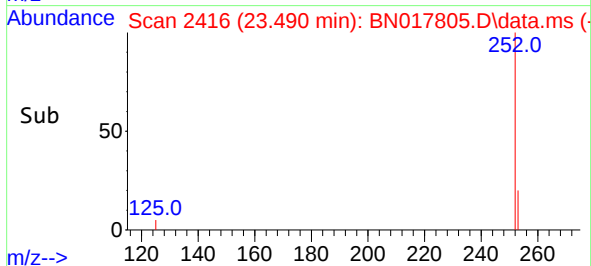
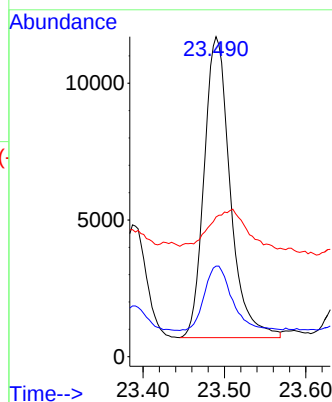
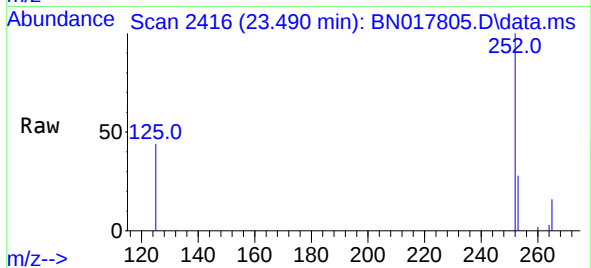
Tgt Ion:252 Resp: 24520

Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.1	27.1
125	43.7	7.0	10.4

Manual Integrations

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#40

Dibenzo(a,h)anthracene

Concen: 0.044 ng

RT: 25.971 min Scan# 3141

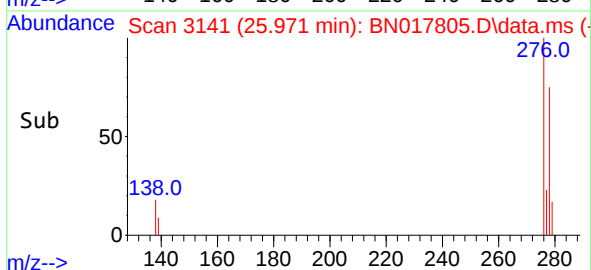
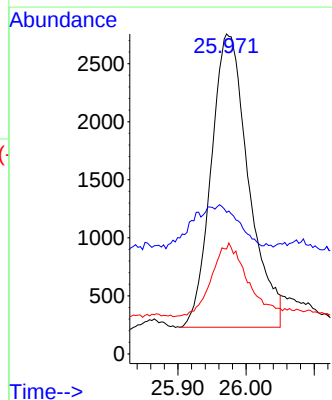
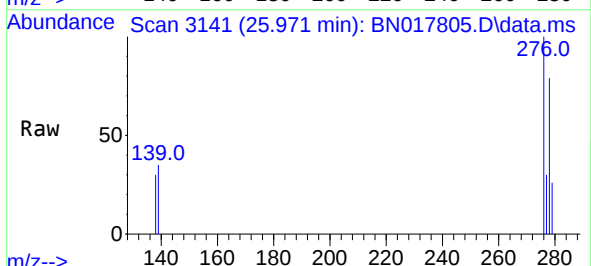
Delta R.T. 0.013 min

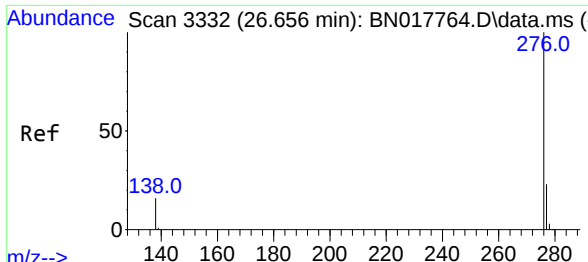
Lab File: BN017805.D

Acq: 08 Dec 2021 18:24

Tgt Ion:278 Resp: 9640

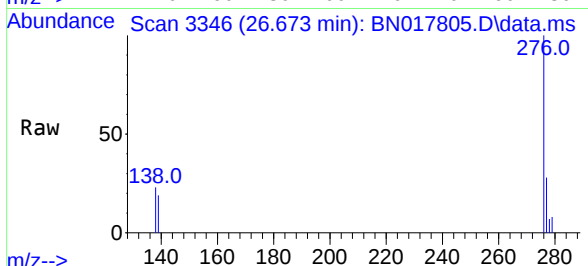
Ion	Ratio	Lower	Upper
278	100		
139	44.2	10.8	16.2
279	32.8	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 26.673 min Scan# 31
Delta R.T. 0.017 min
Lab File: BN017805.D
Acq: 08 Dec 2021 18:24

Instrument :
BNA_N
ClientSampleId :
P1-COMP



Tgt Ion:276 Resp: 14504
Ion Ratio Lower Upper
276 100
277 28.2 19.1 28.7
138 23.3 13.2 19.8

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

