

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
 Data File : BN018122.D
 Acq On : 20 Dec 2021 14:58
 Operator : CG/JU
 Sample : M5155-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-195-220-121721

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021

Quant Time: Dec 20 15:28:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 20 14:16:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	24752	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	103377	0.400	ng	0.00
13) Acenaphthene-d10	14.294	164	63715	0.400	ng	0.00
19) Phenanthrene-d10	17.030	188	117087	0.400	ng	0.00
29) Chrysene-d12	21.227	240	101898	0.400	ng	# 0.00
35) Perylene-d12	23.471	264	74360	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	6796	0.127	ng	0.02
5) Phenol-d6	6.868	99	4394	0.082	ng	0.02
8) Nitrobenzene-d5	8.810	82	22668	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.038	152	41564	0.242	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	9493	0.424	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	67330	0.303	ng	0.00
27) Fluoranthene-d10	19.068	212	112996	0.289	ng	0.00
31) Terphenyl-d14	19.669	244	98814	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	64561m	4.185	ng	
9) Naphthalene	10.495	128	7018	0.027	ng	95
24) Pentachlorophenol	16.701	266	370	0.259	ng	# 83
25) Phenanthrene	17.078	178	10409	0.035	ng	# 91
28) Fluoranthene	19.098	202	10822	0.029	ng	97
30) Pyrene	19.455	202	9406	0.028	ng	# 85
34) Bis(2-ethylhexyl)phtha...	21.153	149	104887	0.697	ng	100

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

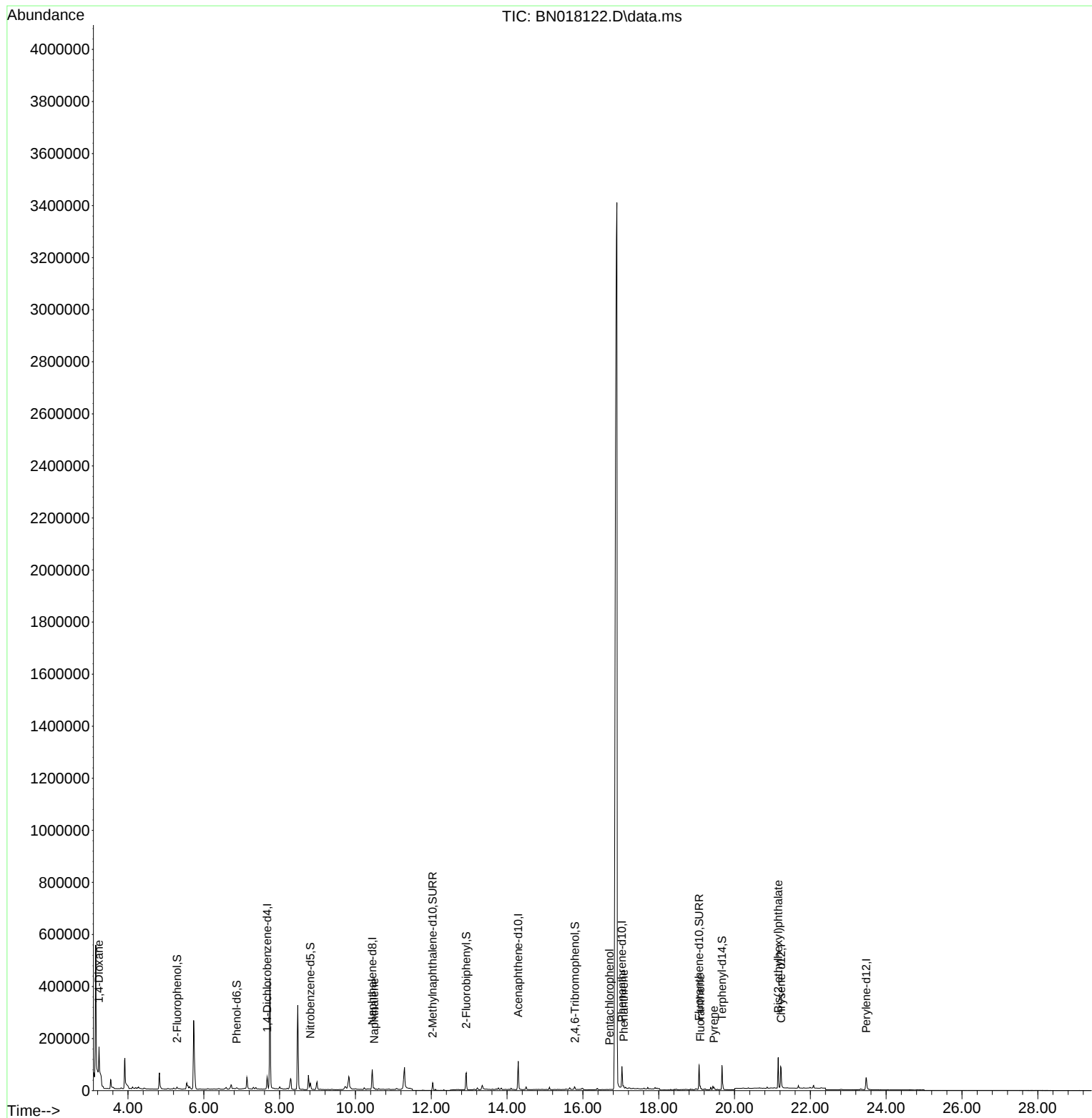
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122021\
Data File : BN018122.D
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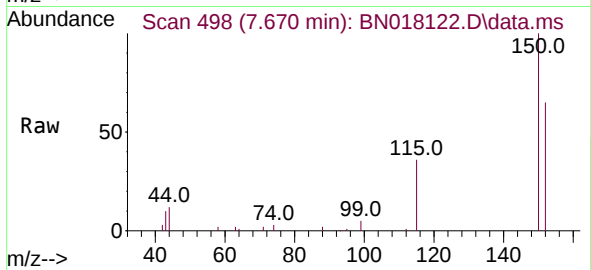
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Supervised By :mohammad ahmed 12/31/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.670 min Scan# 49
Delta R.T. 0.000 min
Lab File: BN018122.D
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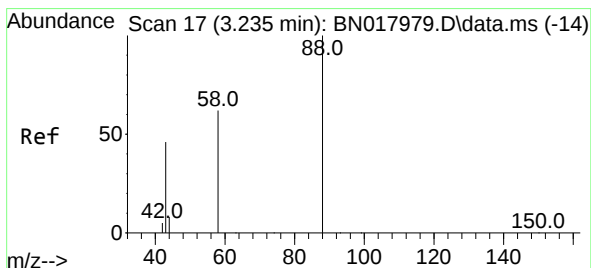
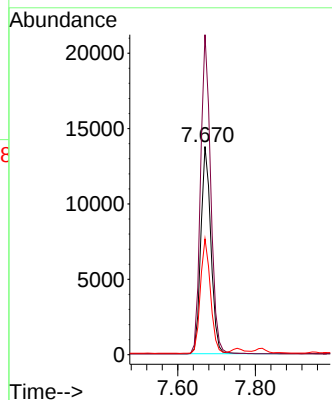
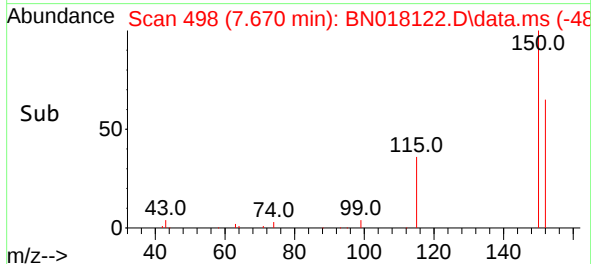
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-195-220-121721



Tgt Ion:152 Resp: 24752
Ion Ratio Lower Upper
152 100
150 153.8 121.7 182.5
115 55.6 43.8 65.8

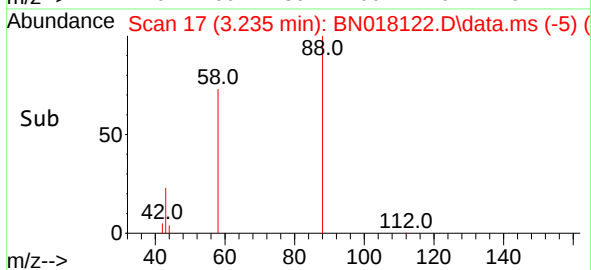
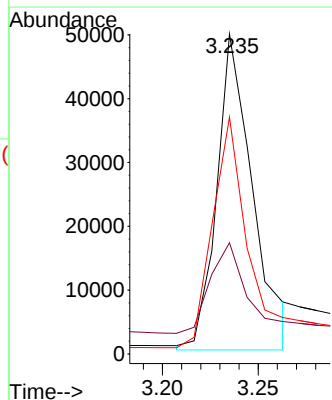
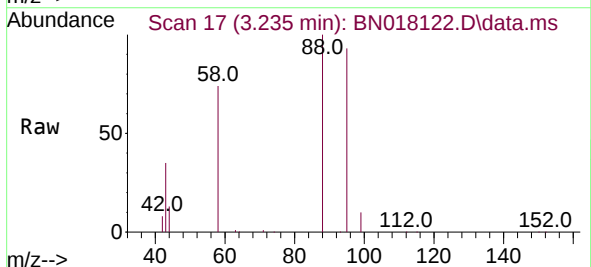
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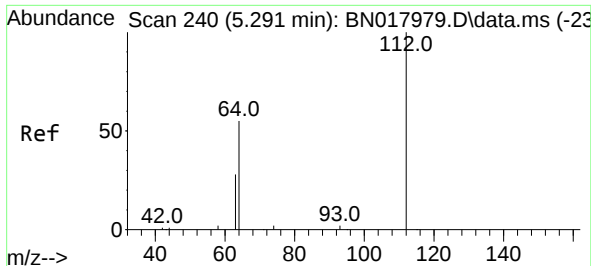
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#2
1,4-Dioxane
Concen: 4.185 ng m
RT: 3.235 min Scan# 17
Delta R.T. 0.009 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion: 88 Resp: 64561
Ion Ratio Lower Upper
88 100
43 27.5 69.7 104.5#
58 67.3 83.8 125.8#





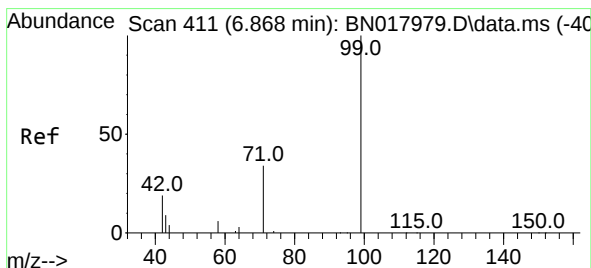
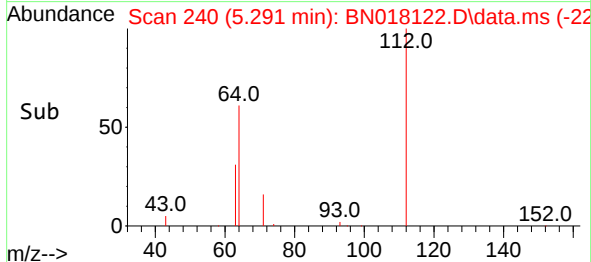
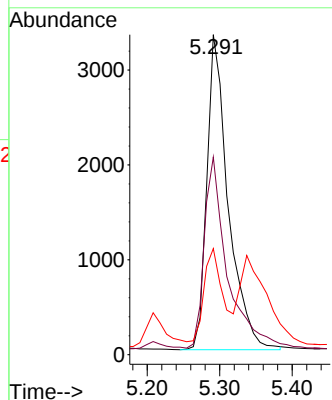
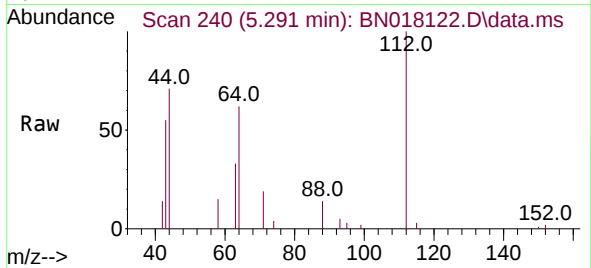
#4
2-Fluorophenol
Concen: 0.127 ng
RT: 5.291 min Scan# 240
Delta R.T. 0.018 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Instrument :
BNA_N
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GWBR3D-G-195-220-121721

Tgt Ion: 112 Resp: 6790
Ion Ratio Lower Upper
112 100
64 64.7 48.0 72.0
63 26.4 25.3 37.9

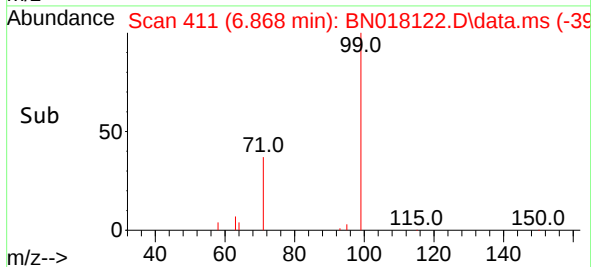
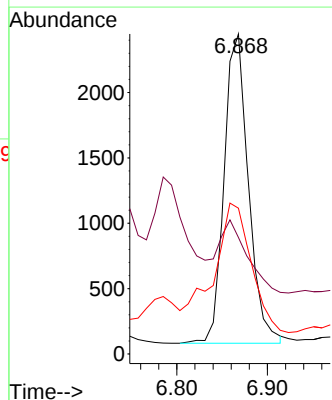
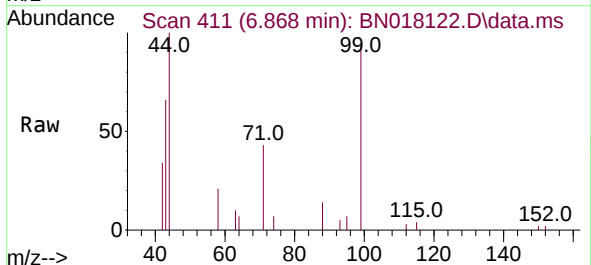
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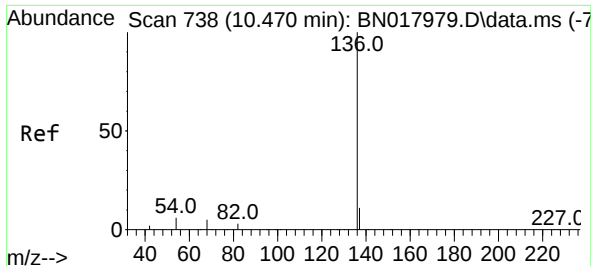
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#5
Phenol-d6
Concen: 0.082 ng
RT: 6.868 min Scan# 411
Delta R.T. 0.018 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

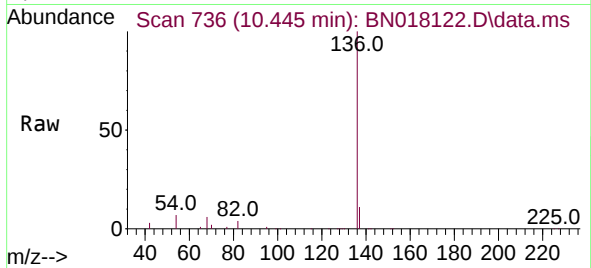
Tgt Ion: 99 Resp: 4394
Ion Ratio Lower Upper
99 100
42 28.4 16.3 24.5#
71 63.5 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.445 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

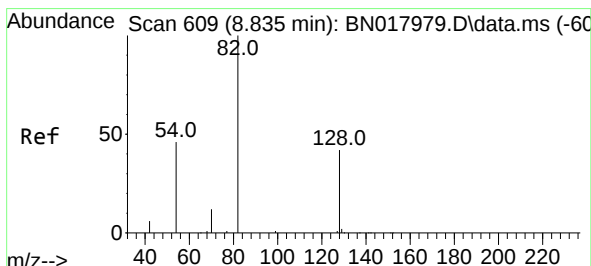
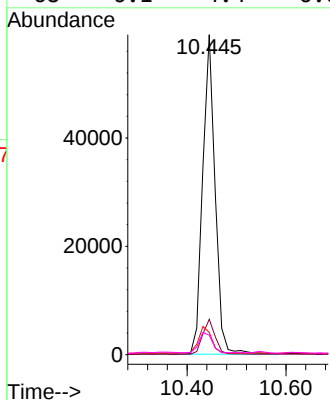
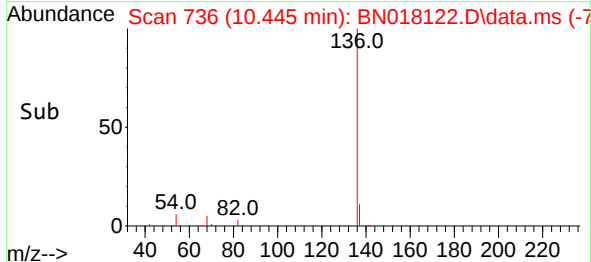
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-195-220-121721



Tgt Ion:136 Resp: 10337
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.9 5.0 7.6
68 6.1 4.4 6.6

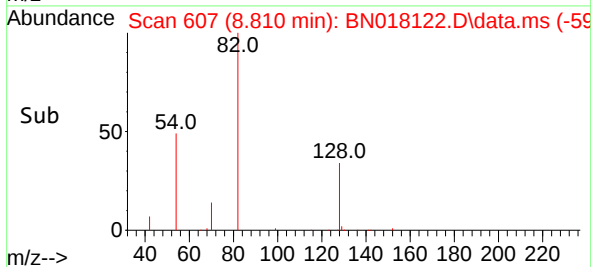
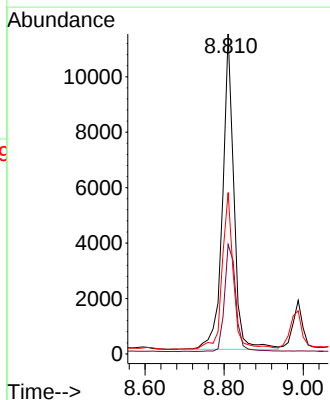
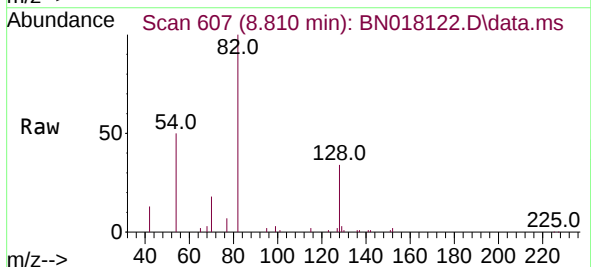
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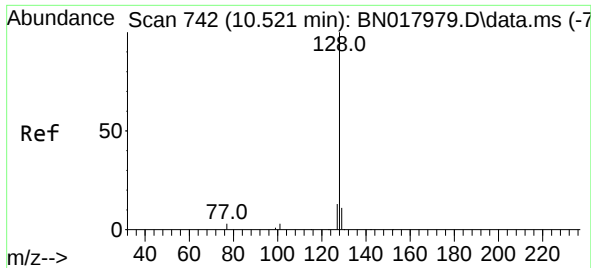
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Supervised By :mohammad ahmed 12/31/2021



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.810 min Scan# 607
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Tgt Ion: 82 Resp: 22668
Ion Ratio Lower Upper
82 100
128 34.2 33.7 50.5
54 50.4 36.6 55.0





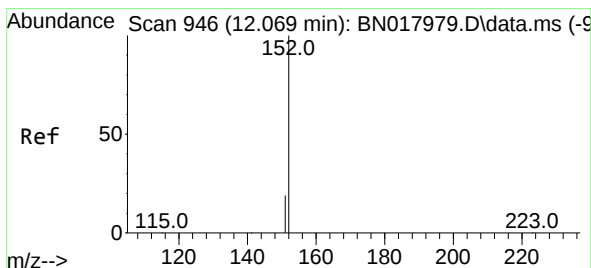
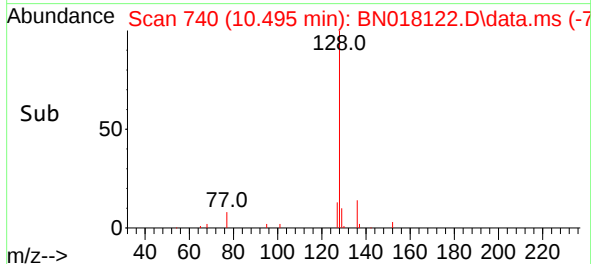
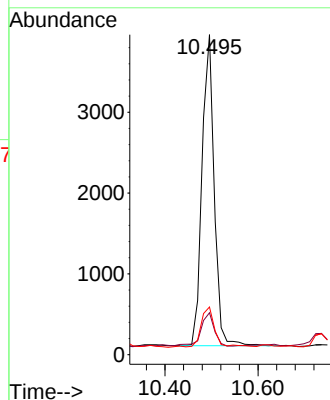
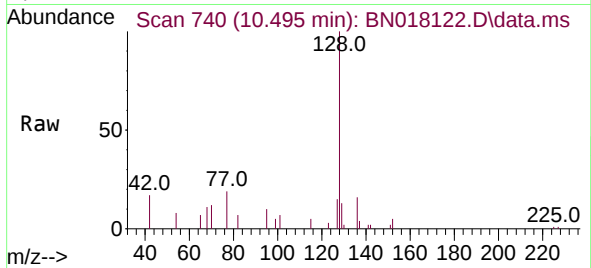
#9
Naphthalene
Concen: 0.027 ng
RT: 10.495 min Scan# 742
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-195-220-121721

Tgt Ion:128 Resp: 7018
Ion Ratio Lower Upper
128 100
129 13.1 8.7 13.1
127 14.9 10.4 15.6

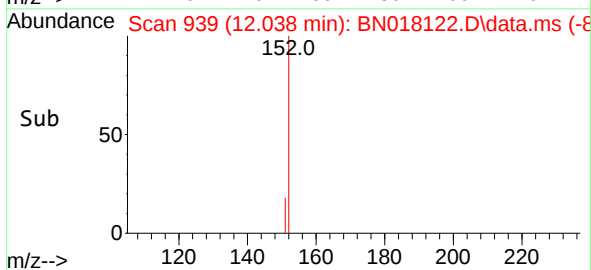
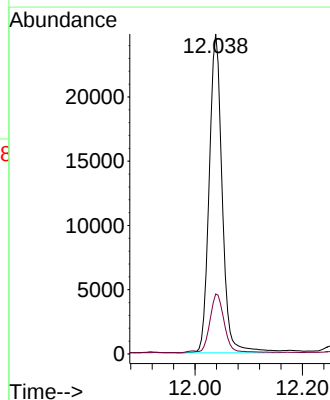
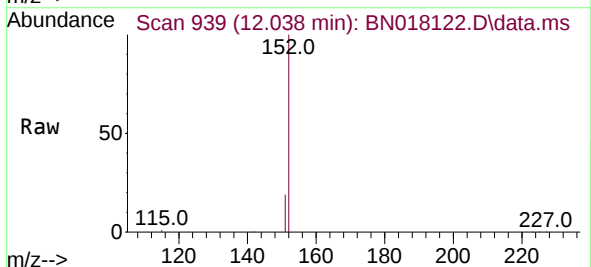
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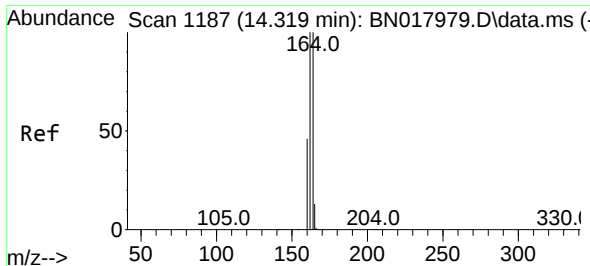
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#11
2-Methylnaphthalene-d10
Concen: 0.242 ng
RT: 12.038 min Scan# 939
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

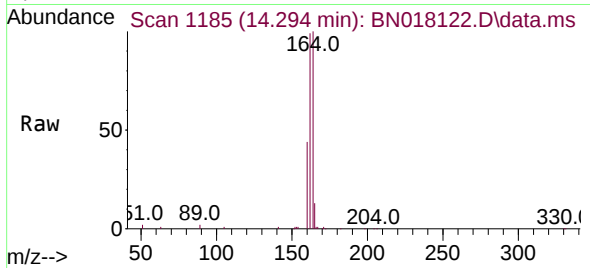
Tgt Ion:152 Resp: 41564
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.294 min Scan# 1185
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

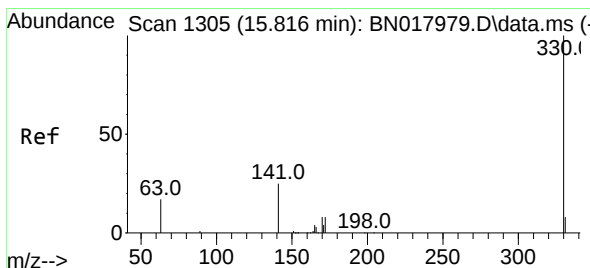
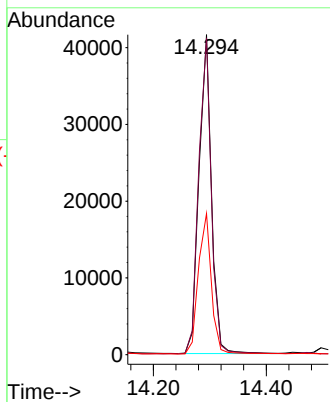
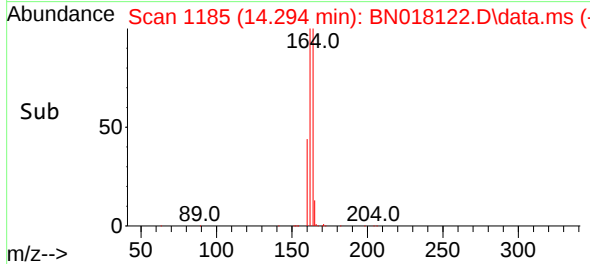
Instrument :
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Tgt Ion:164 Resp: 63715
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 44.1 36.9 55.3

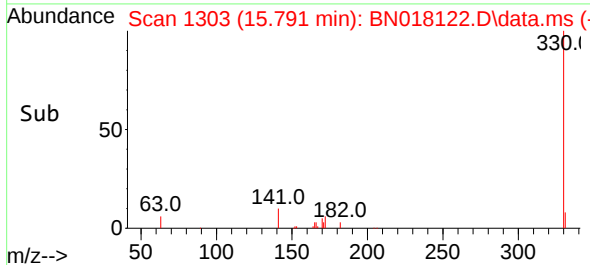
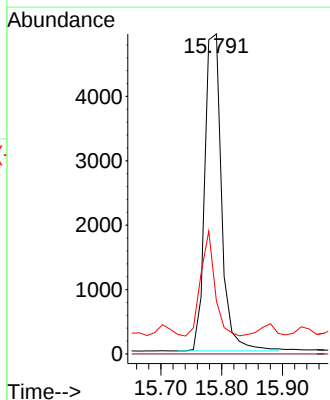
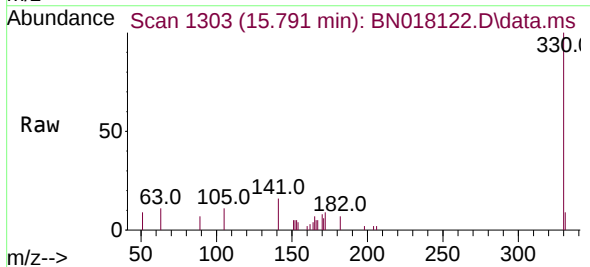
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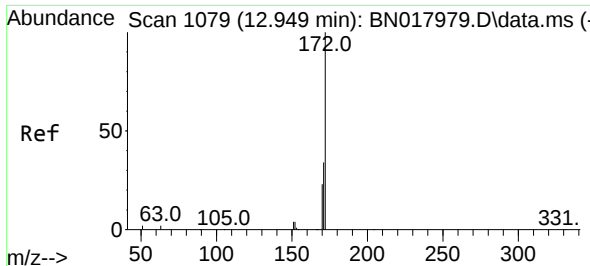
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Supervised By :mohammad ahmed 12/31/2021



#14
2,4,6-Tribromophenol
Concen: 0.424 ng
RT: 15.791 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

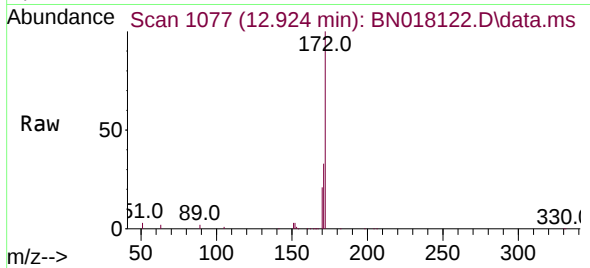
Tgt Ion:330 Resp: 9493
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 21.3 31.9





#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.924 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

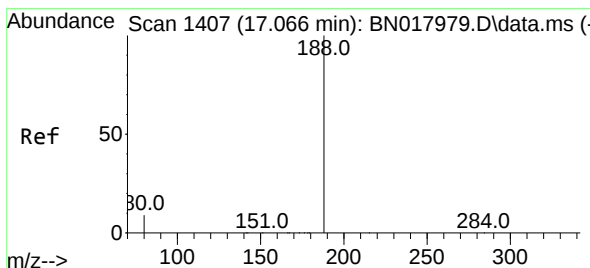
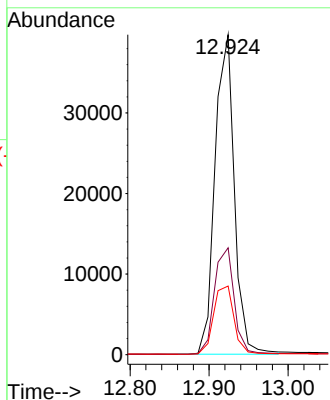
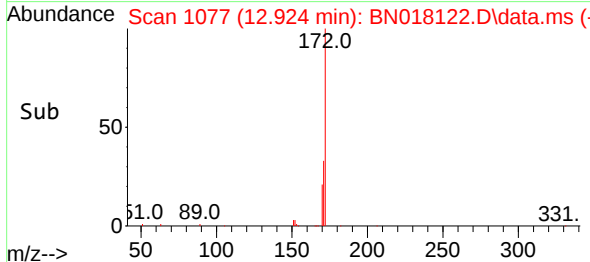
Instrument :
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GWBR3D-G-195-220-121721



Tgt Ion:172 Resp: 67330
Ion Ratio Lower Upper
172 100
171 33.4 27.4 41.0
170 21.5 18.4 27.6

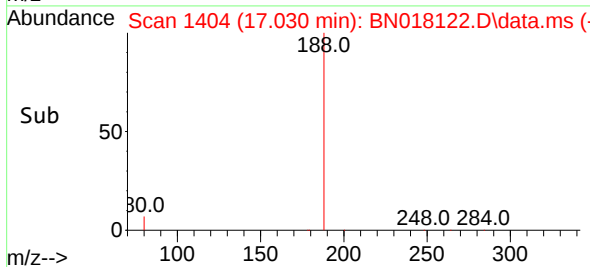
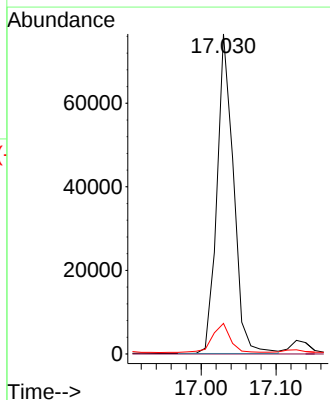
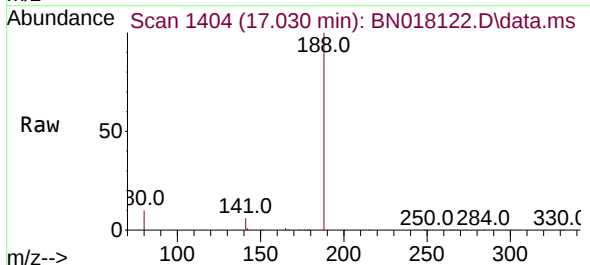
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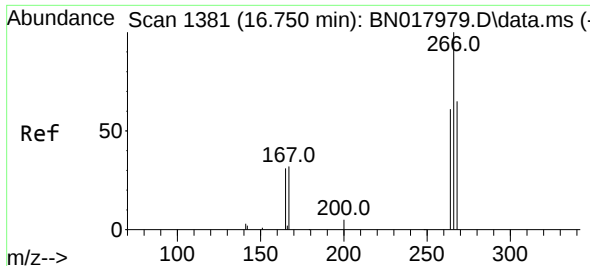
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Supervised By :mohammad ahmed 12/31/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

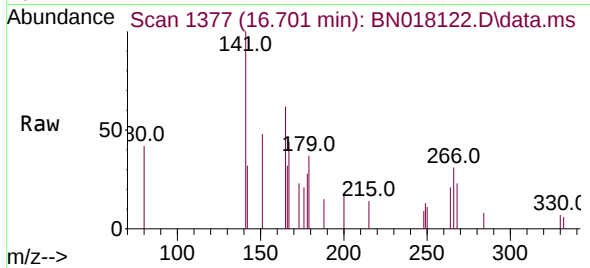
Tgt Ion:188 Resp: 117087
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.5 7.0 10.4





#24
Pentachlorophenol
Concen: 0.259 ng
RT: 16.701 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

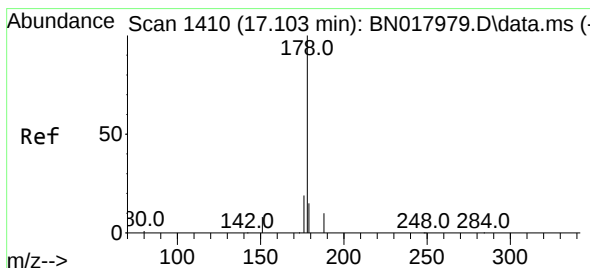
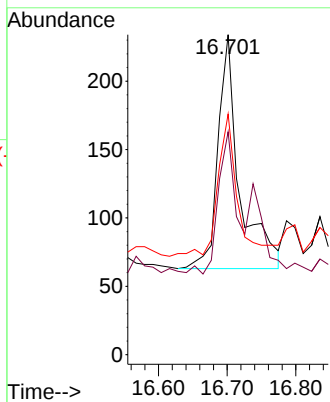
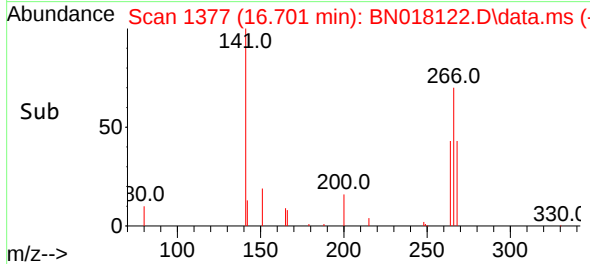
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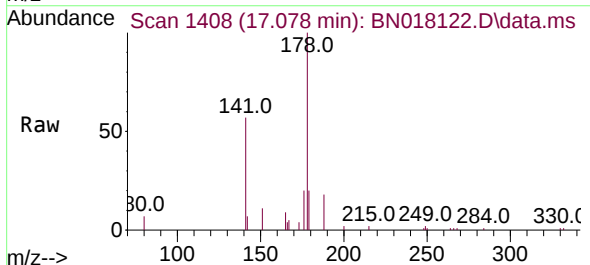
Tgt Ion:266 Resp: 370
Ion Ratio Lower Upper
266 100
264 50.0 49.5 74.3
268 48.6 50.6 76.0

Manual Integrations
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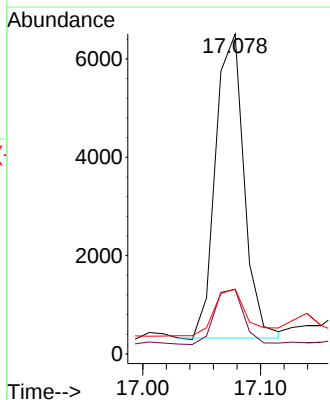
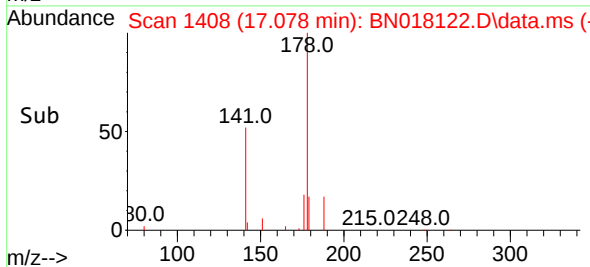
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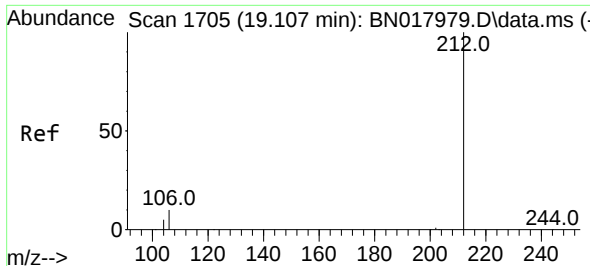


#25
Phenanthrene
Concen: 0.035 ng
RT: 17.078 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58



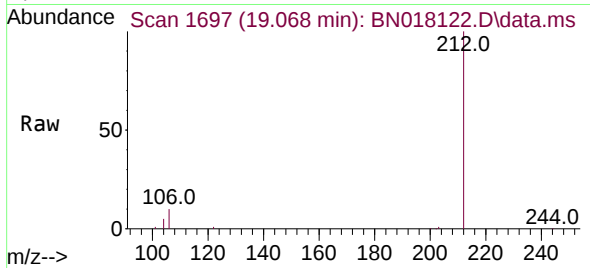
Tgt Ion:178 Resp: 10409
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 23.5 12.3 18.5





#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.068 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

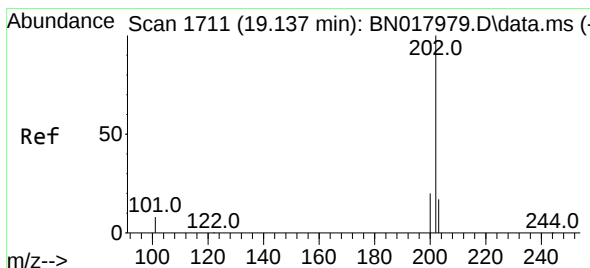
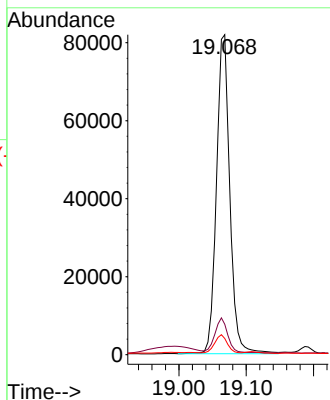
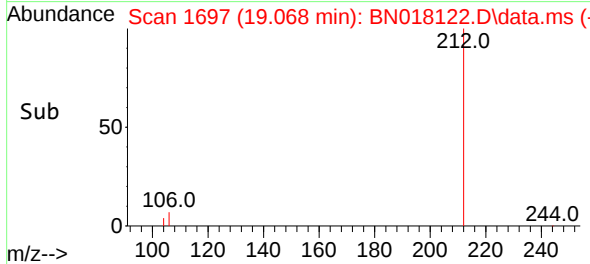
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-195-220-121721



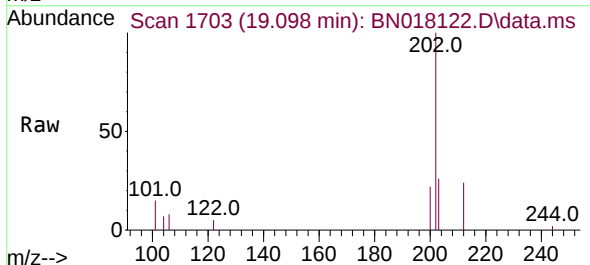
Tgt Ion:212 Resp: 112990
Ion Ratio Lower Upper
212 100
106 10.8 8.4 12.6
104 5.4 4.5 6.7

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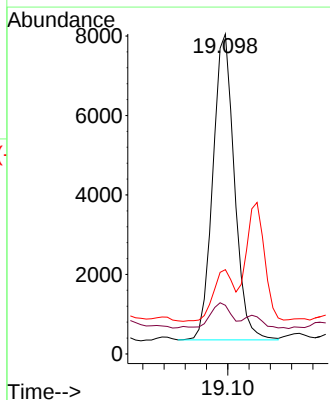
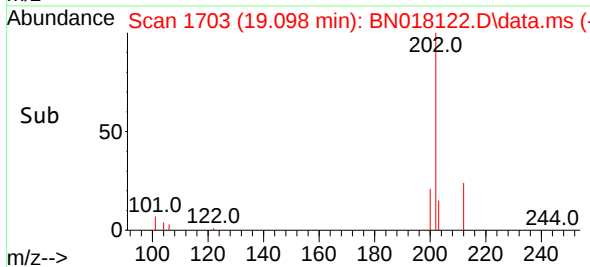
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021

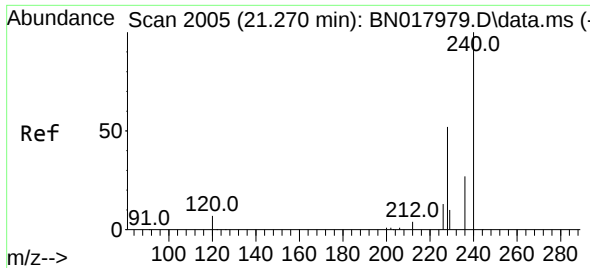


#28
Fluoranthene
Concen: 0.029 ng
RT: 19.098 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58



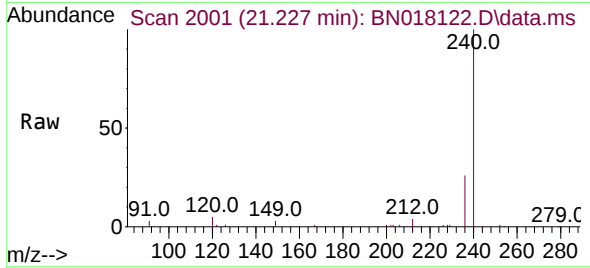
Tgt Ion:202 Resp: 10822
Ion Ratio Lower Upper
202 100
101 8.3 7.2 10.8
203 15.9 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

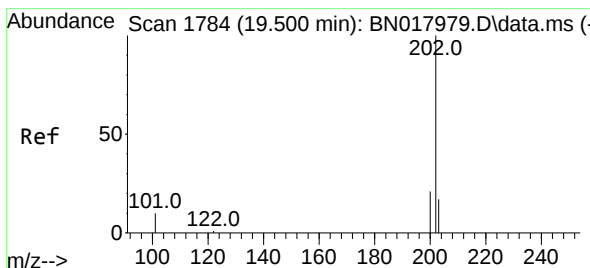
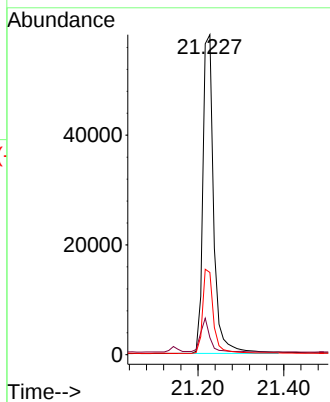
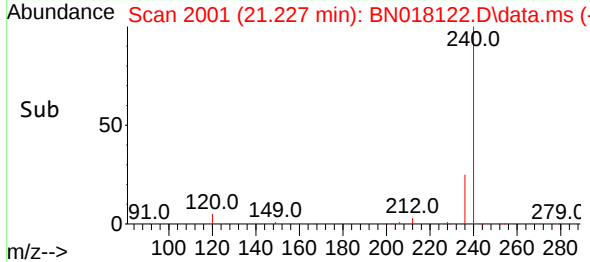
Instrument :
BNA_N
ClientSampleId :
GWBR3D-G-195-220-121721



Tgt Ion:240 Resp: 101898
Ion Ratio Lower Upper
240 100
120 5.3 6.0 9.0
236 25.7 21.4 32.2

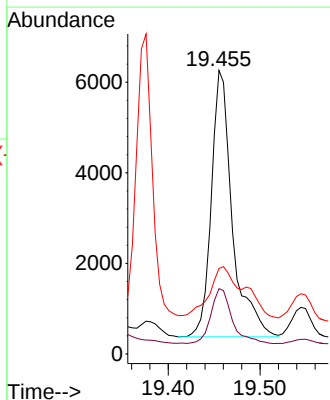
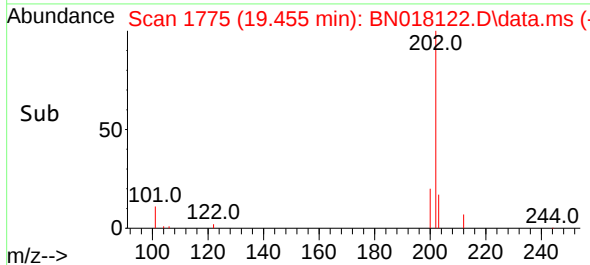
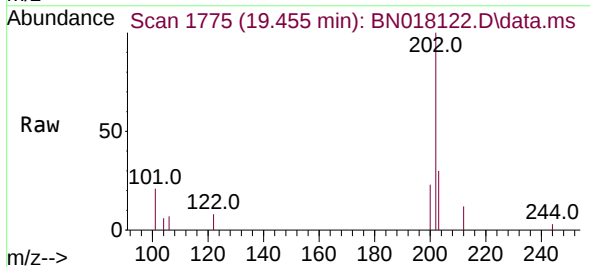
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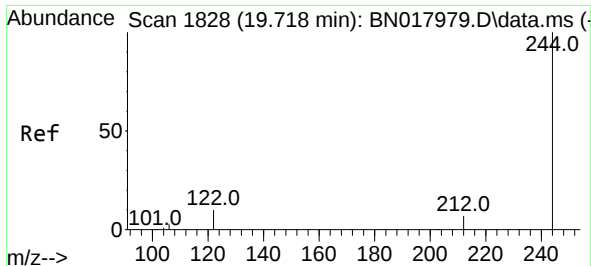
Reviewed By :Yogesh Patel 12/31/2021
Supervised By :mohammad ahmed 12/31/2021



#30
Pyrene
Concen: 0.028 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.005 min
Lab File: BN018122.D
Acq: 20 Dec 2021 14:58

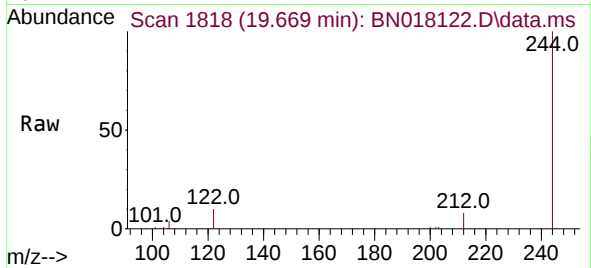
Tgt Ion:202 Resp: 9406
Ion Ratio Lower Upper
202 100
200 20.9 16.6 25.0
203 32.0 14.1 21.1





#31
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.669 min Scan# 1828
 Delta R.T. -0.005 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

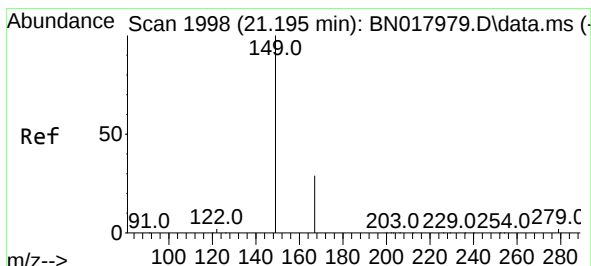
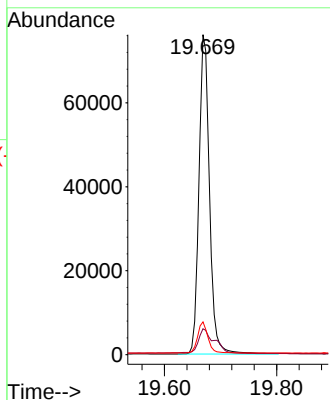
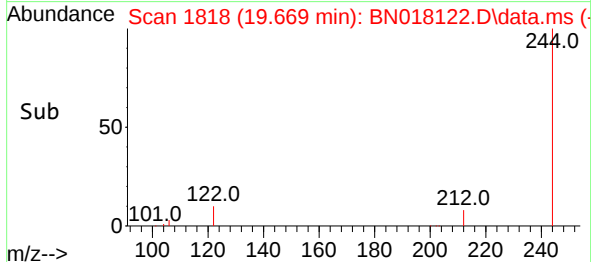
Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-G-195-220-121721



Tgt Ion:244 Resp: 98814
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 10.3 7.9 11.9

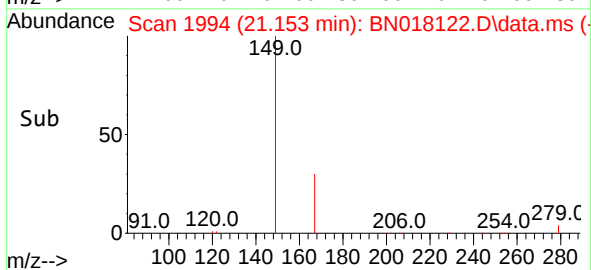
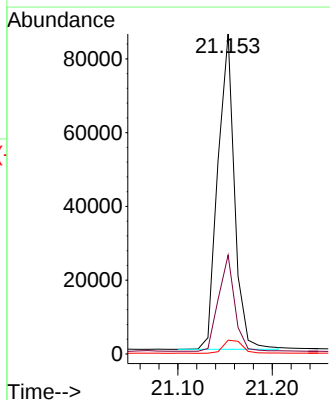
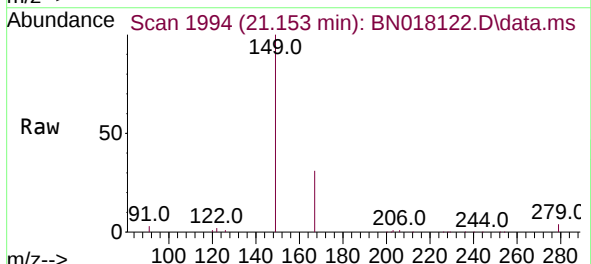
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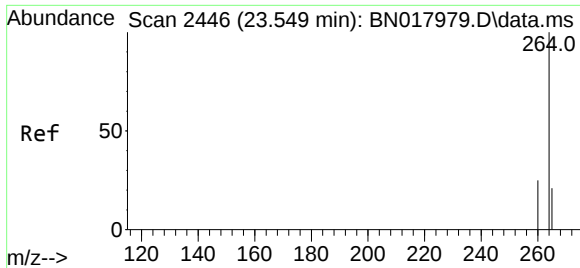
Reviewed By :Yogesh Patel 12/31/2021
 Supervised By :mohammad ahmed 12/31/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.697 ng
 RT: 21.153 min Scan# 1994
 Delta R.T. -0.000 min
 Lab File: BN018122.D
 Acq: 20 Dec 2021 14:58

Tgt Ion:149 Resp: 104887
 Ion Ratio Lower Upper
 149 100
 167 29.6 23.7 35.5
 279 4.8 3.6 5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.471 min Scan# 24

Delta R.T. -0.003 min

Lab File: BN018122.D

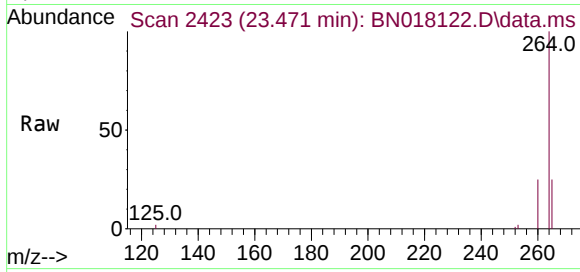
Acq: 20 Dec 2021 14:58

Instrument :

BNA_N

ClientSampleId :

GWBR3D-G-195-220-121721



Tgt Ion:264 Resp: 74360

Ion Ratio Lower Upper

264 100

260 25.3 20.2 30.4

265 24.6 18.2 27.2

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Reviewed By :Yogesh Patel 12/31/2021

Supervised By :mohammad ahmed 12/31/2021

