

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
 Data File : BN022460.D
 Acq On : 02 Nov 2022 11:39
 Operator : CG/JU
 Sample : N4941-02DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 50

Instrument :
 BNA_N
 ClientSampleId :
 MW-6RDL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/03/2022
 Supervised By : mohammad ahmed 11/07/2022

Quant Time: Nov 03 06:35:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:31:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	194349	20.000	ng	0.00
7) Naphthalene-d8	10.752	136	528186	20.000	ng	# 0.00
13) Acenaphthene-d10	14.593	164	247332	20.000	ng	0.00
19) Phenanthrene-d10	17.354	188	447221	20.000	ng	# 0.00
29) Chrysene-d12	21.555	240	371852	20.000	ng	# 0.00
35) Perylene-d12	24.002	264	344848	20.000	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.458	112	198062	19.122	ng	0.00
5) Phenol-d6	7.083	99	152890	11.780	ng	0.00
8) Nitrobenzene-d5	9.097	82	456054	49.921	ng	-0.01
11) 2-Methylnaphthalene-d10	12.444	152	8	0.000	ng	0.09
14) 2,4,6-Tribromophenol	16.088	330	123802	58.233	ng	0.00
15) 2-Fluorobiphenyl	13.214	172	837615	39.589	ng	0.00
27) Fluoranthene-d10	19.386	212	15	0.001	ng	0.00
31) Terphenyl-d14	19.984	244	801317	41.363	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.795	128	82850	2.623	ng	98
16) Acenaphthylene	14.315	152	2121	0.089	ng	# 52
17) Acenaphthene	14.657	154	126299	7.731	ng	96
18) Fluorene	15.640	166	8321	0.366	ng	# 95
25) Phenanthrene	17.391	178	2388m	0.078	ng	
26) Anthracene	17.478	178	6225	0.241	ng	# 96
28) Fluoranthene	19.419	202	25725	0.774	ng	100
30) Pyrene	19.782	202	15417	0.450	ng	# 93
32) Benzo(a)anthracene	21.546	228	2260	0.077	ng	# 83
33) Chrysene	21.591	228	674m	0.022	ng	

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

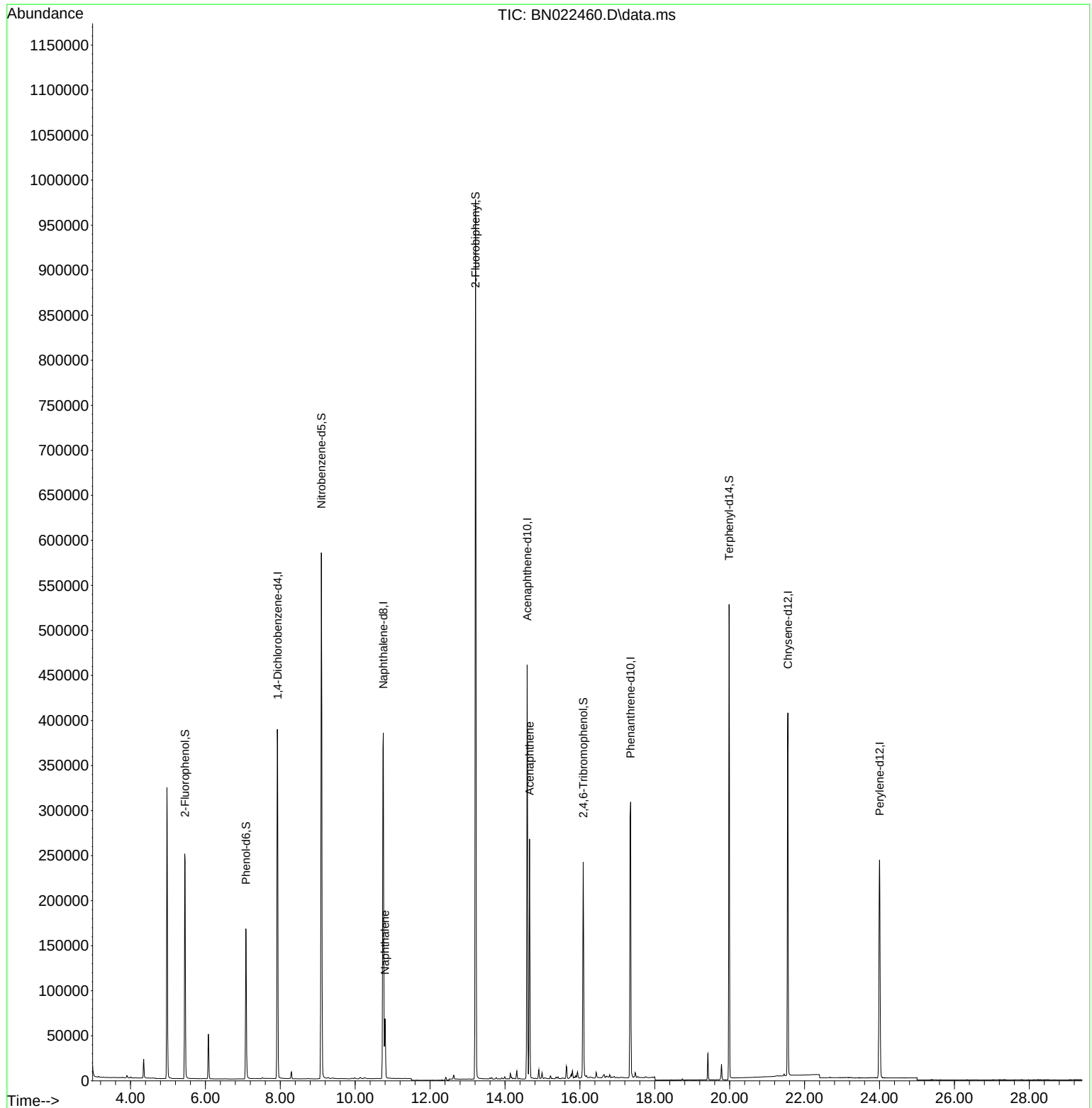
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110222\
Data File : BN022460.D
Acq On : 02 Nov 2022 11:39
Operator : CG/JU
Sample : N4941-02DL 2X
Misc :
ALS Vial : 4 Sample Multiplier: 50

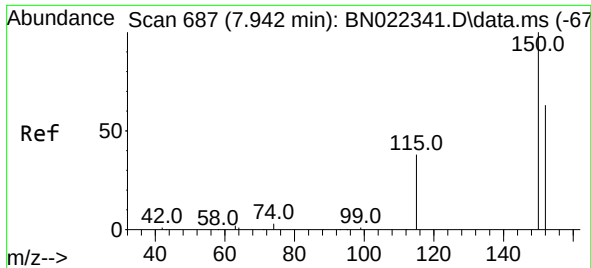
Instrument :
BNA_N
ClientSampleId :
MW-6RDL

Quant Time: Nov 03 06:35:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:31:40 2022
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Manual Integrations
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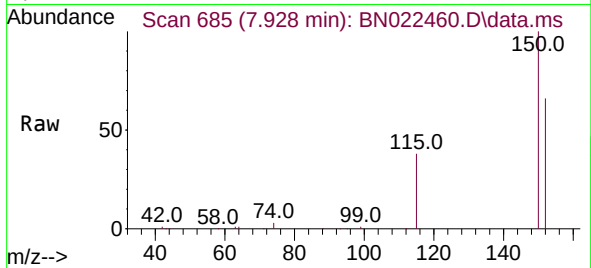
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 687
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

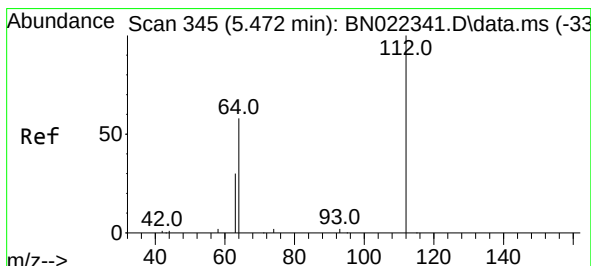
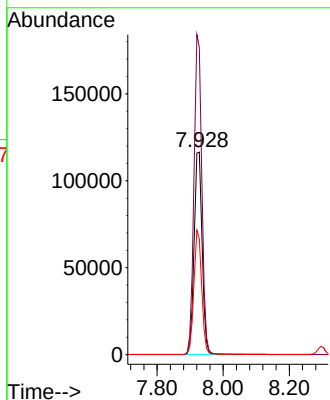
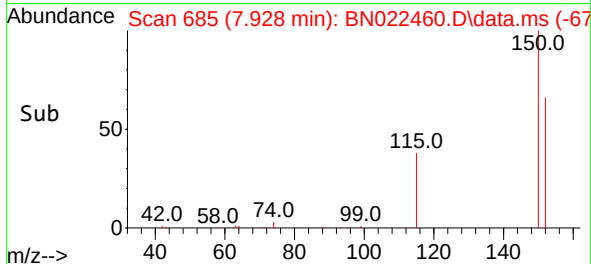
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



Tgt Ion:152 Resp: 194349
Ion Ratio Lower Upper
152 100
150 151.6 125.2 187.8
115 57.1 52.0 78.0

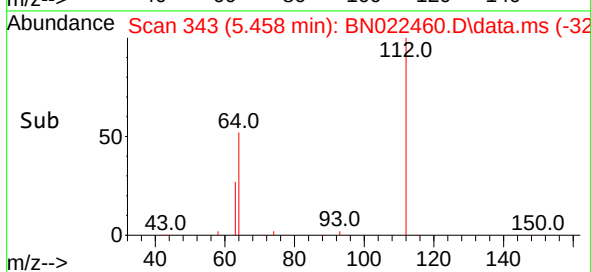
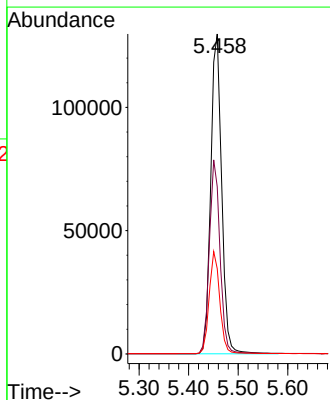
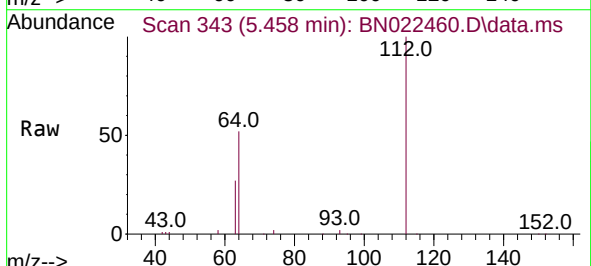
Manual Integrations
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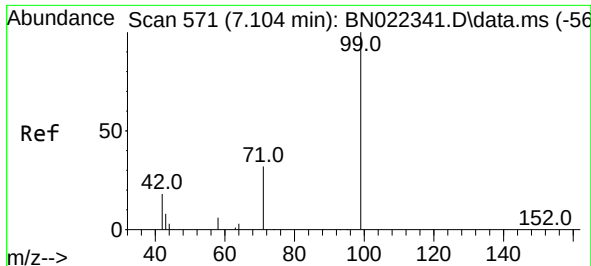
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#4
2-Fluorophenol
Concen: 19.122 ng
RT: 5.458 min Scan# 343
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

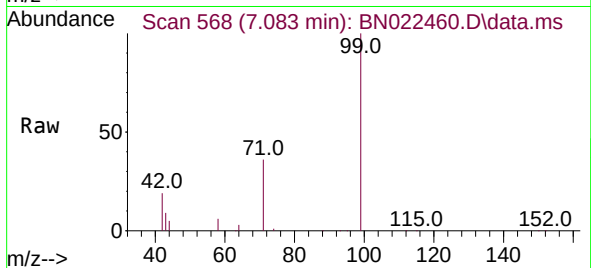
Tgt Ion:112 Resp: 198062
Ion Ratio Lower Upper
112 100
64 59.4 47.0 70.4
63 31.1 24.5 36.7





#5
Phenol-d6
Concen: 11.780 ng
RT: 7.083 min Scan# 50
Delta R.T. -0.007 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

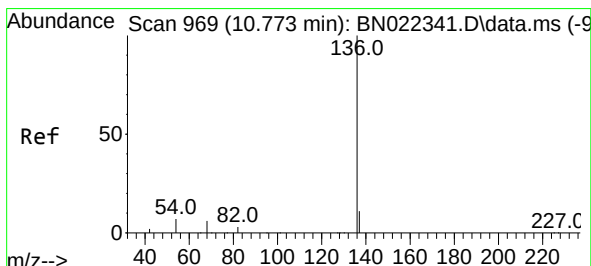
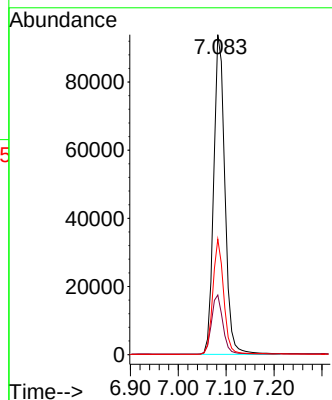
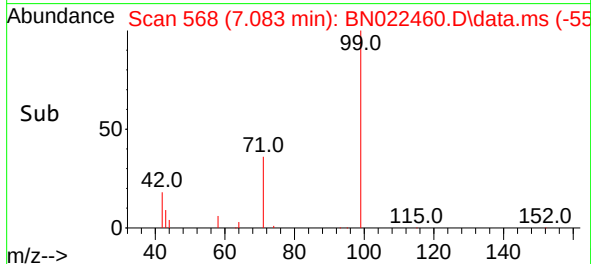
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



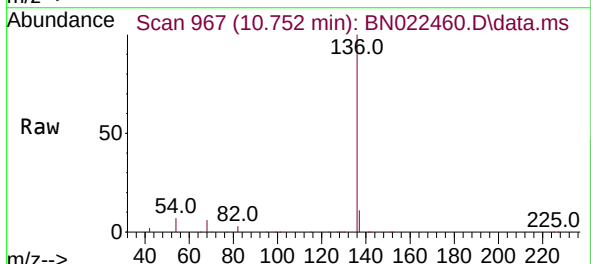
Tgt Ion: 99 Resp: 152890
Ion Ratio Lower Upper
99 100
42 18.7 16.3 24.5
71 34.7 26.1 39.1

Manual Integrations
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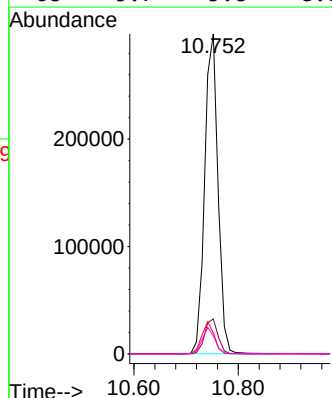
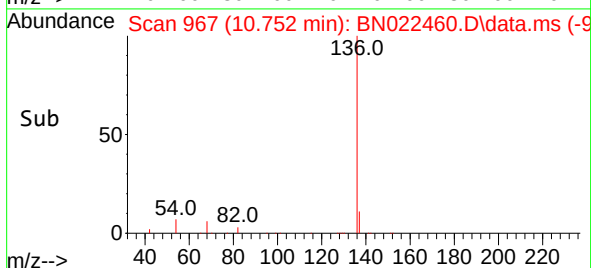
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022

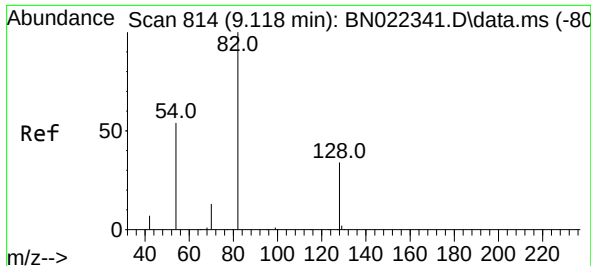


#7
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39



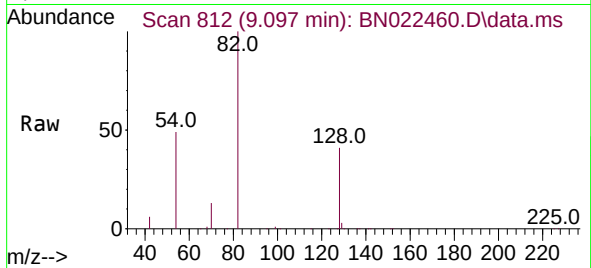
Tgt Ion:136 Resp: 528186
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 6.6 6.5 9.7
68 5.7 5.8 8.8#





#8
Nitrobenzene-d5
Concen: 49.921 ng
RT: 9.097 min Scan# 814
Delta R.T. -0.011 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

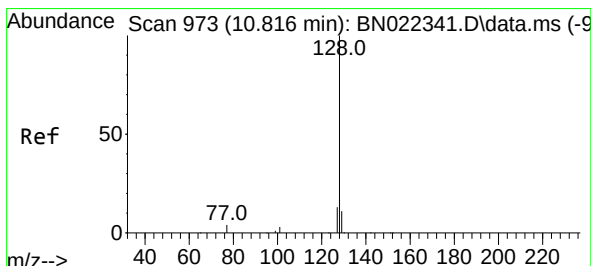
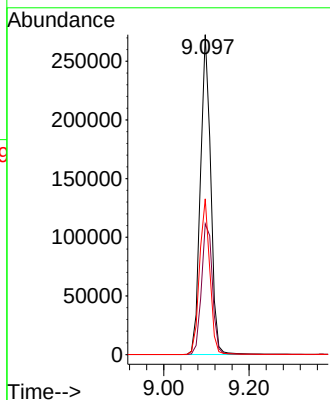
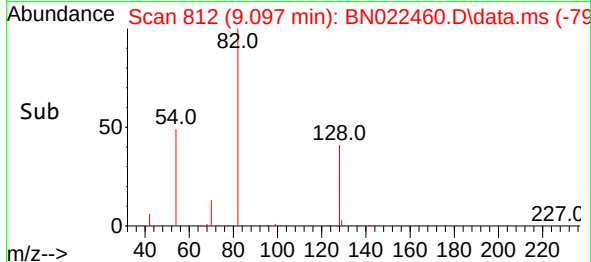
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



Tgt Ion: 82 Resp: 456054
Ion Ratio Lower Upper
82 100
128 40.9 30.5 45.7
54 48.7 45.2 67.8

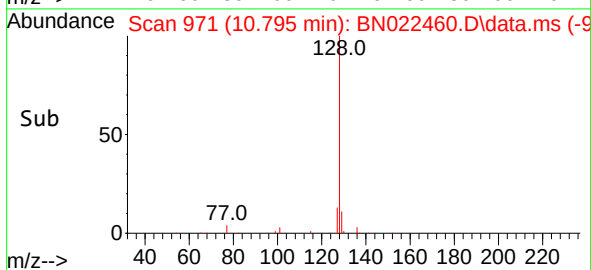
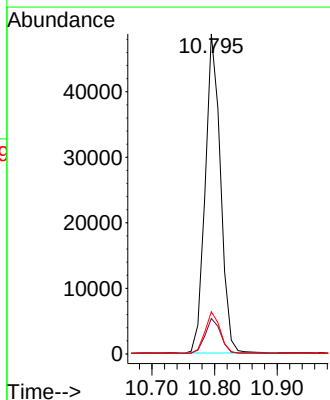
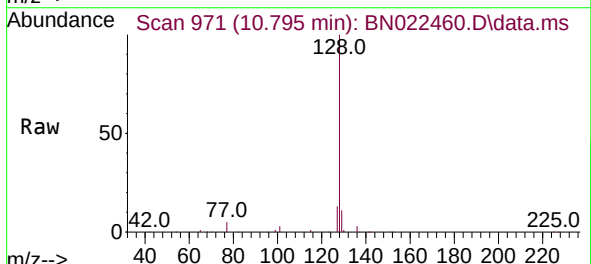
Manual Integrations
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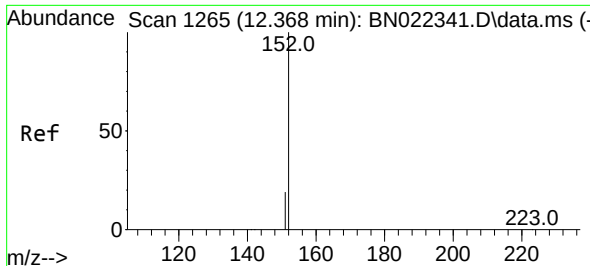
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#9
Naphthalene
Concen: 2.623 ng
RT: 10.795 min Scan# 971
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

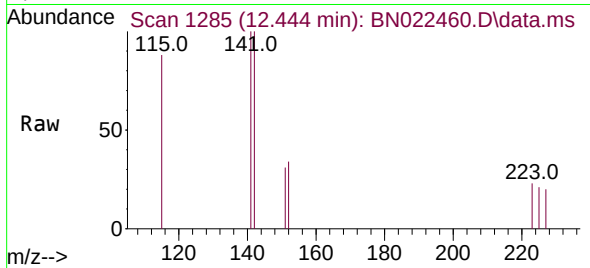
Tgt Ion:128 Resp: 82850
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.2 11.0 16.6





#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.444 min Scan# 1265
Delta R.T. 0.094 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

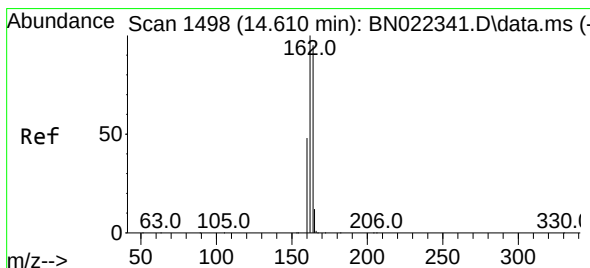
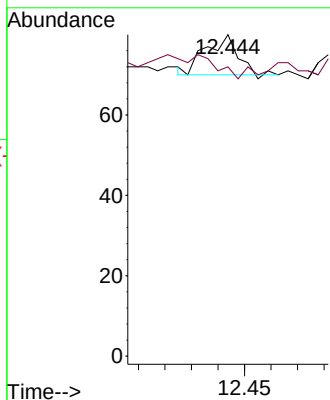
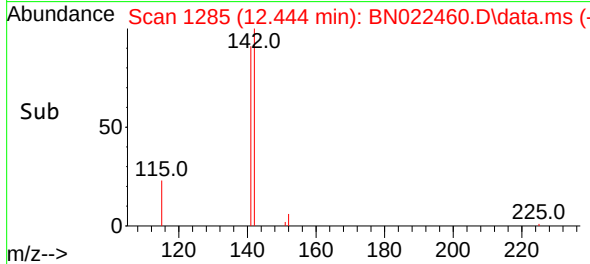
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



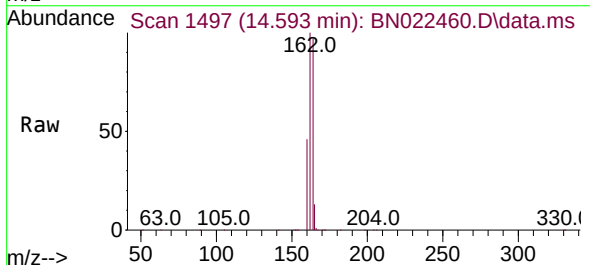
Tgt Ion:152 Resp: 8
Ion Ratio Lower Upper
152 100
151 25.0 16.7 25.1

Manual Integrations
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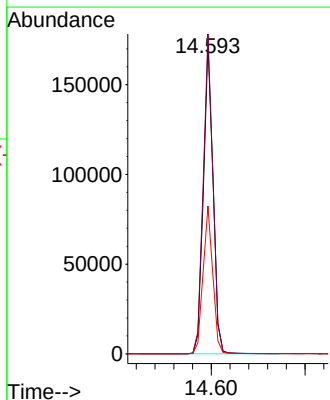
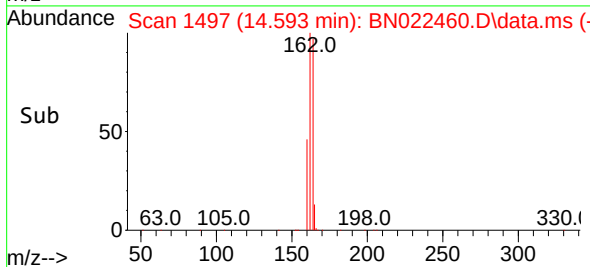
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022

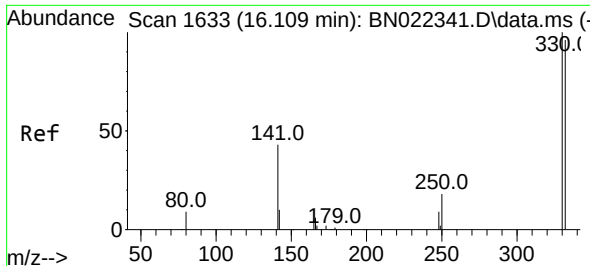


#13
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1497
Delta R.T. 0.004 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39



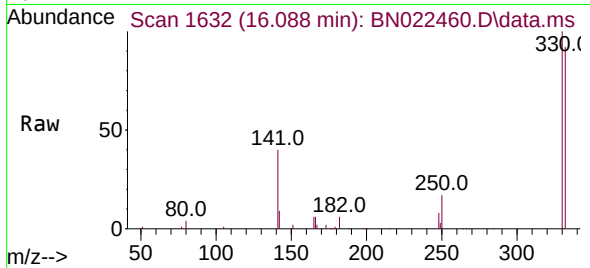
Tgt Ion:164 Resp: 247332
Ion Ratio Lower Upper
164 100
162 103.1 83.9 125.9
160 47.6 41.0 61.4





#14
2,4,6-Tribromophenol
Concen: 58.233 ng
RT: 16.088 min Scan# 1633
Delta R.T. -0.009 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

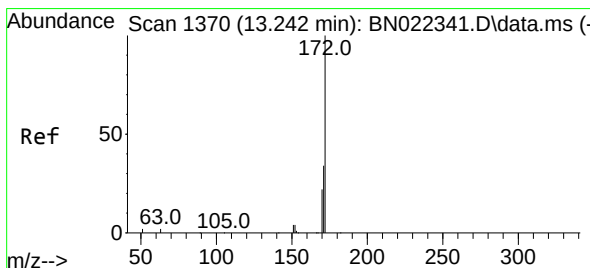
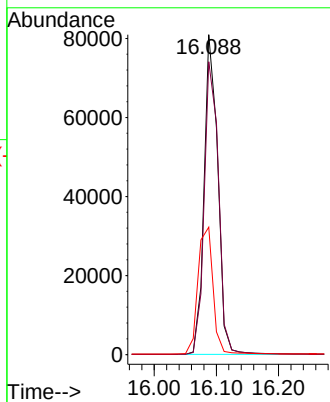
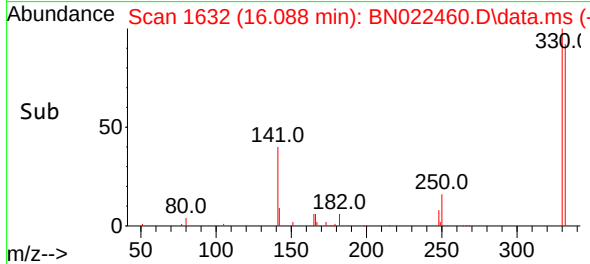
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



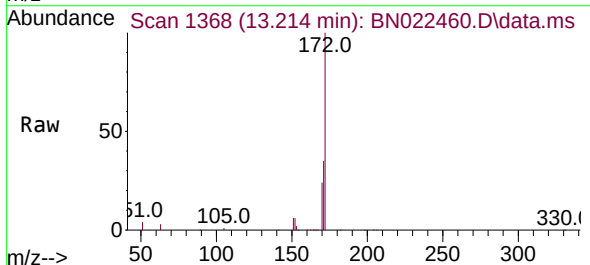
Tgt Ion:330 Resp: 123802
Ion Ratio Lower Upper
330 100
332 95.9 78.6 118.0
141 43.5 40.2 60.4

Manual Integrations
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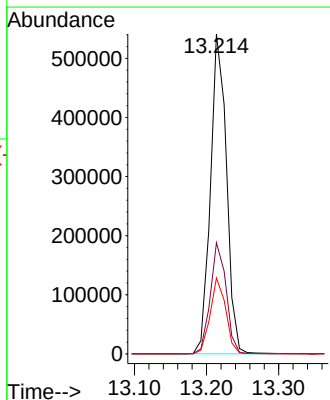
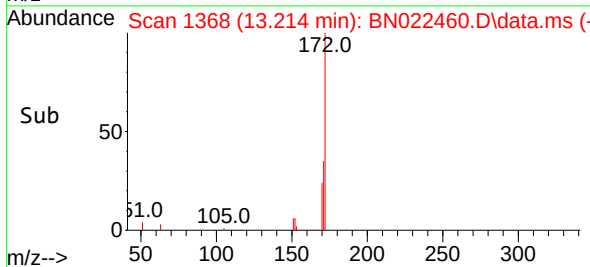
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022

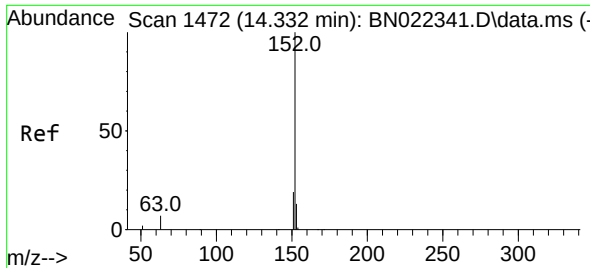


#15
2-Fluorobiphenyl
Concen: 39.589 ng
RT: 13.214 min Scan# 1368
Delta R.T. -0.007 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39



Tgt Ion:172 Resp: 837615
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.7 18.5 27.7





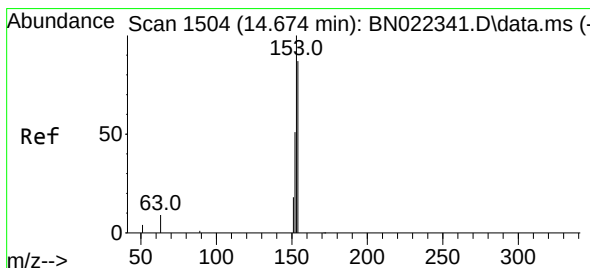
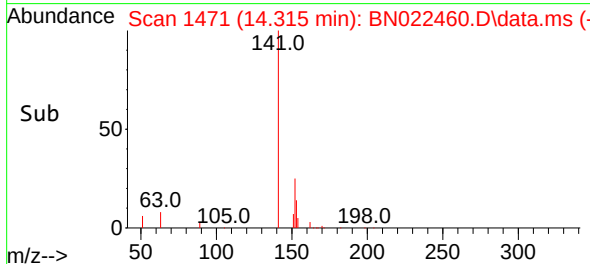
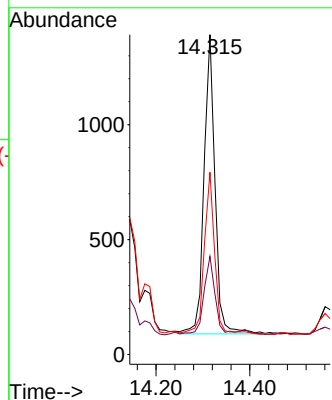
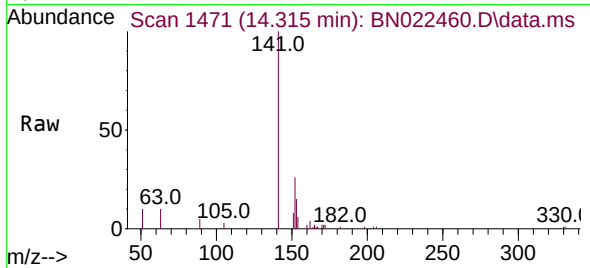
#16
Acenaphthylene
Concen: 0.089 ng
RT: 14.315 min Scan# 1472
Delta R.T. 0.004 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Instrument :
BNA_N
ClientSampleId :
MW-6RDL

Tgt Ion:152 Resp: 212
Ion Ratio Lower Upper
152 100
151 25.4 15.2 22.8
153 51.9 10.3 15.5

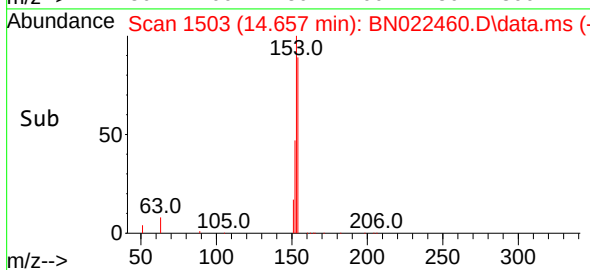
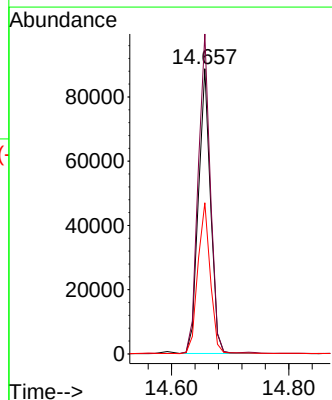
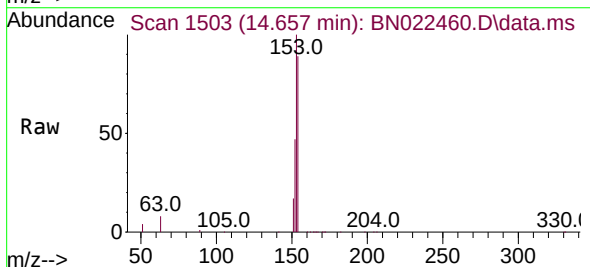
Manual Integrations
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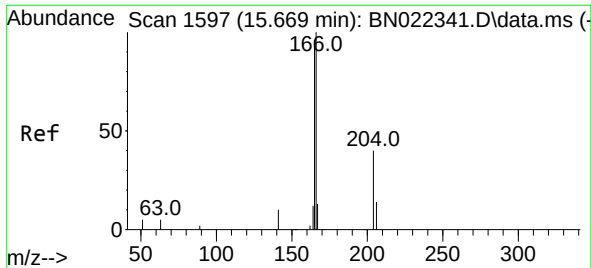
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#17
Acenaphthene
Concen: 7.731 ng
RT: 14.657 min Scan# 1503
Delta R.T. 0.004 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Tgt Ion:154 Resp: 126299
Ion Ratio Lower Upper
154 100
153 113.0 92.2 138.2
152 54.4 47.6 71.4





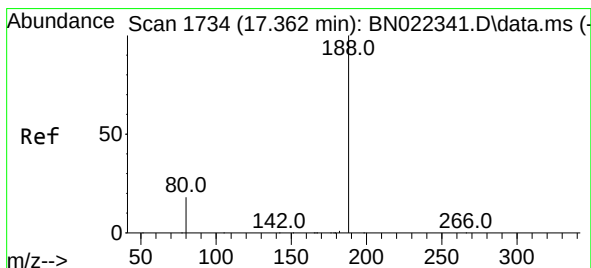
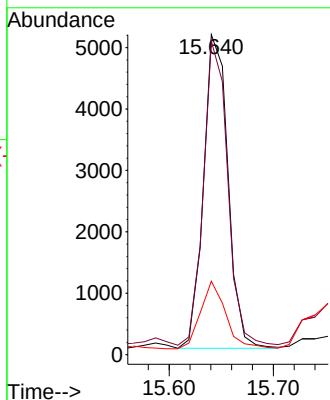
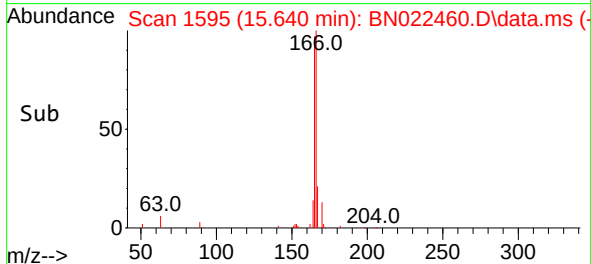
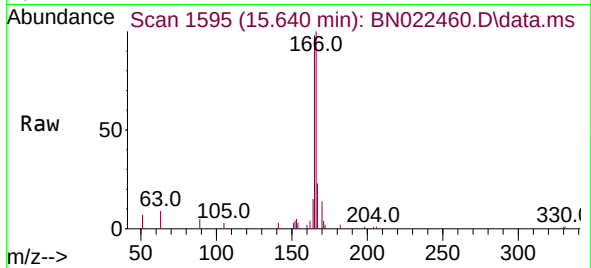
#18
Fluorene
Concen: 0.366 ng
RT: 15.640 min Scan# 1595
Delta R.T. -0.007 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Instrument :
BNA_N
ClientSampleId :
MW-6RDL

Tgt Ion:166 Resp: 832
Ion Ratio Lower Upper
166 100
165 96.0 78.6 118.0
167 22.3 10.2 15.4

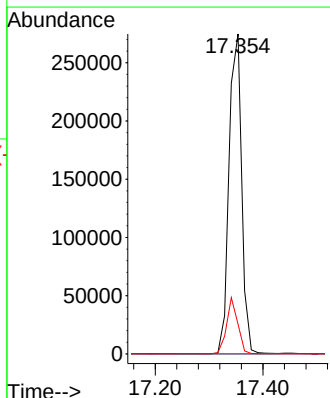
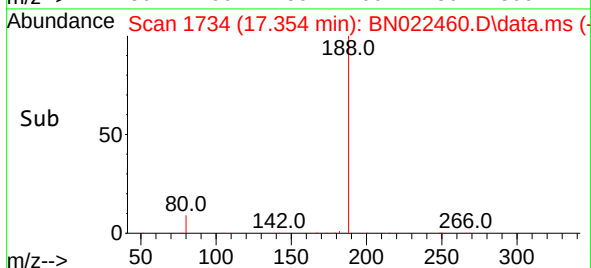
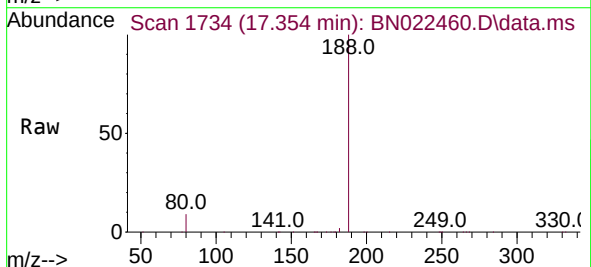
Manual Integrations
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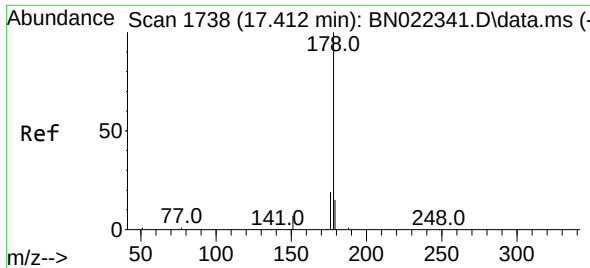
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#19
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.354 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Tgt Ion:188 Resp: 447221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 15.0 22.6





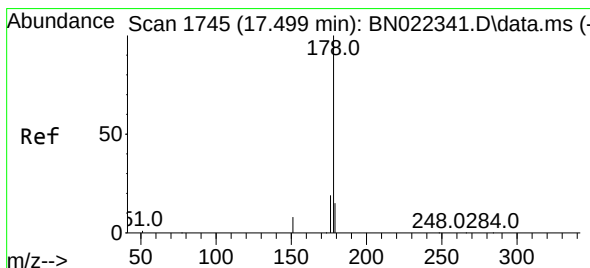
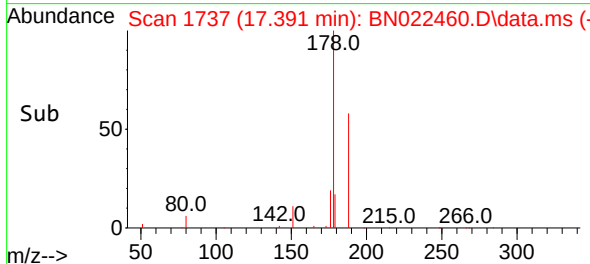
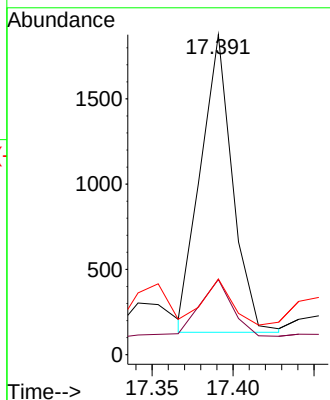
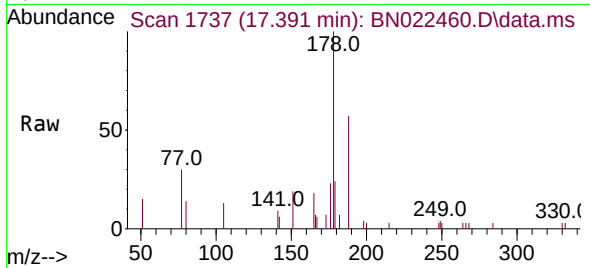
#25
Phenanthrene
Concen: 0.078 ng m
RT: 17.391 min Scan# 1737
Delta R.T. 0.004 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Instrument :
BNA_N
ClientSampleId :
MW-6RDL

Tgt Ion:178 Resp: 2388
Ion Ratio Lower Upper
178 100
176 20.6 15.3 22.9
179 13.9 12.5 18.7

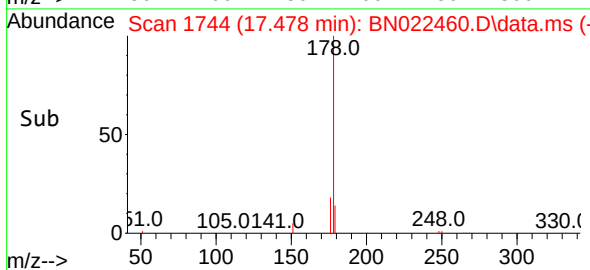
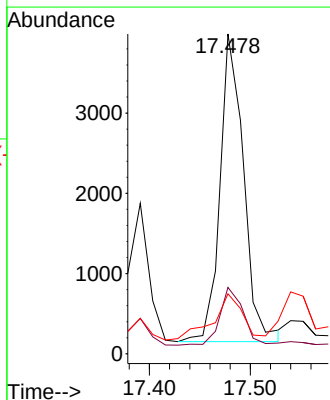
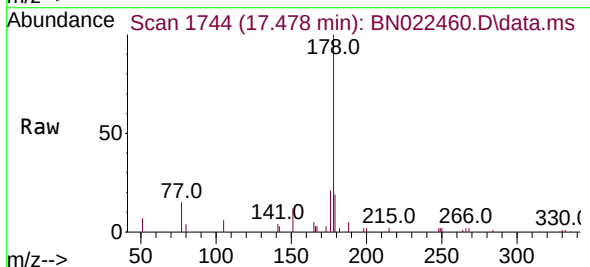
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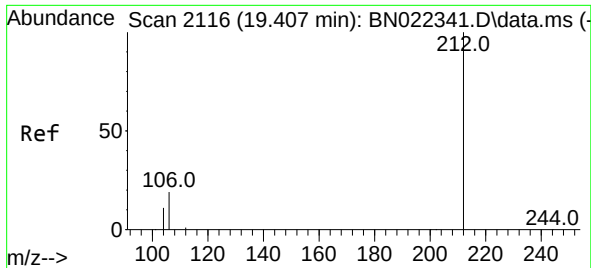
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#26
Anthracene
Concen: 0.241 ng
RT: 17.478 min Scan# 1744
Delta R.T. -0.009 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

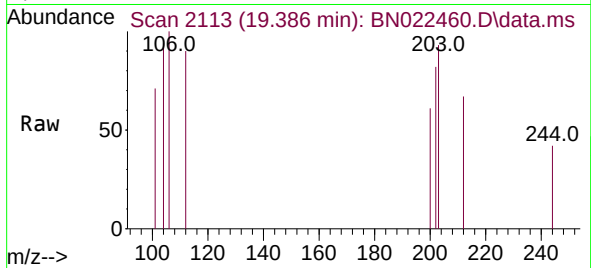
Tgt Ion:178 Resp: 6225
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 19.3 12.2 18.4#





#27
Fluoranthene-d10
Concen: 0.001 ng
RT: 19.386 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

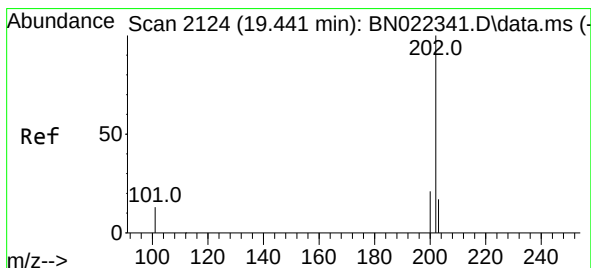
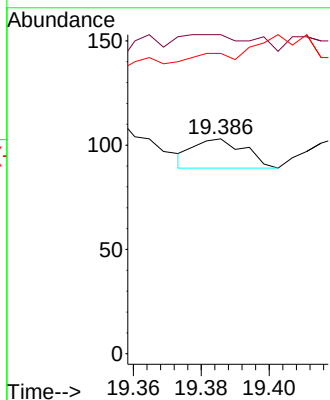
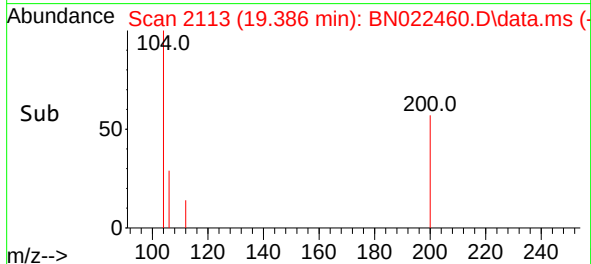
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



Tgt Ion:212 Resp: 15000
Ion Ratio Lower Upper
212 100
106 80.0 15.0 22.4
104 0.0 9.3 13.9

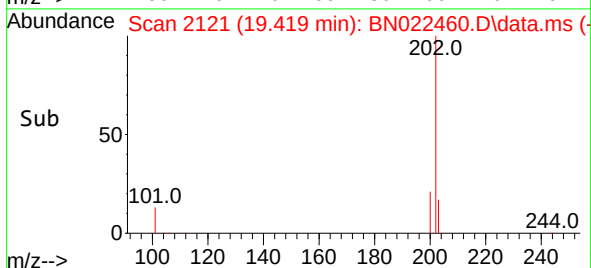
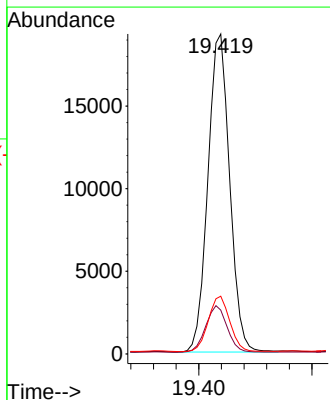
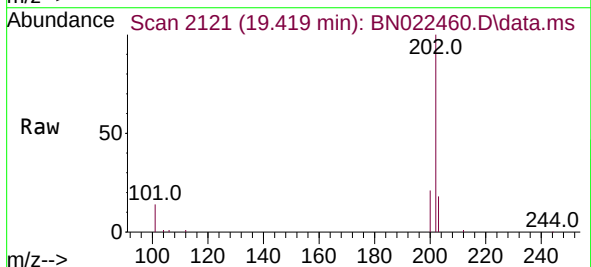
Manual Integrations
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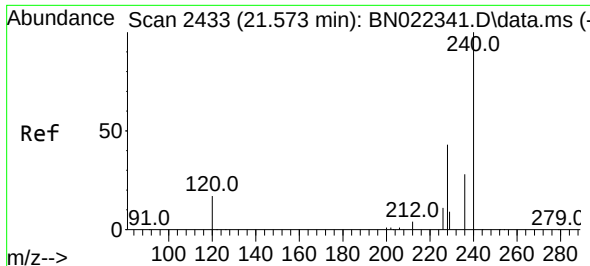
Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#28
Fluoranthene
Concen: 0.774 ng
RT: 19.419 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Tgt Ion:202 Resp: 25725
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
203 17.2 13.7 20.5





#29

Chrysene-d12

Concen: 20.000 ng

RT: 21.555 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BN022460.D

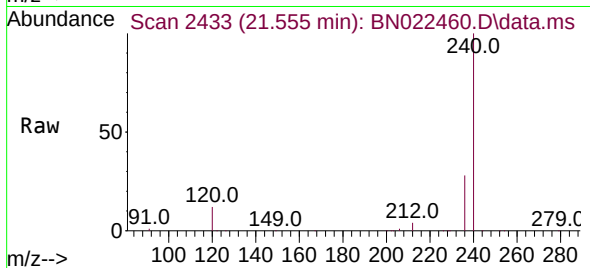
Acq: 02 Nov 2022 11:39

Instrument :

BNA_N

ClientSampleId :

MW-6RDL



Tgt Ion:240 Resp: 371852

Ion Ratio Lower Upper

240 100

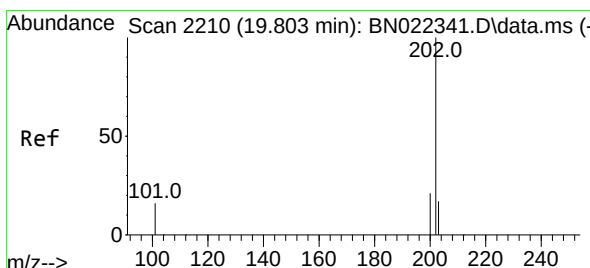
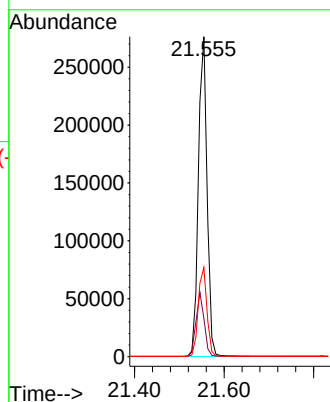
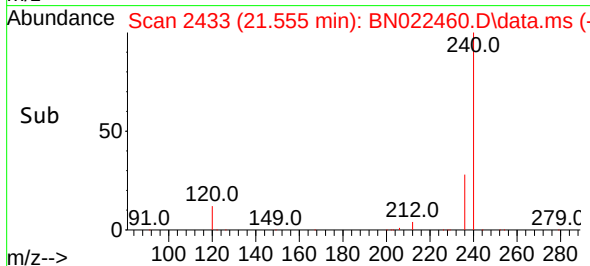
120 11.9 15.8 23.6

236 27.9 23.2 34.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#30

Pyrene

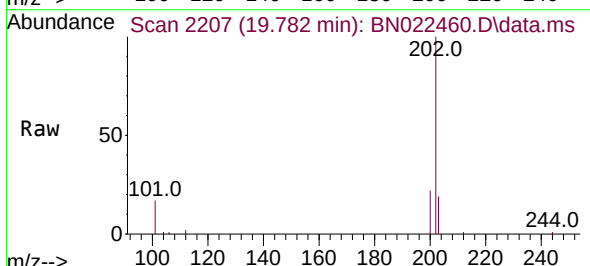
Concen: 0.450 ng

RT: 19.782 min Scan# 2207

Delta R.T. -0.005 min

Lab File: BN022460.D

Acq: 02 Nov 2022 11:39



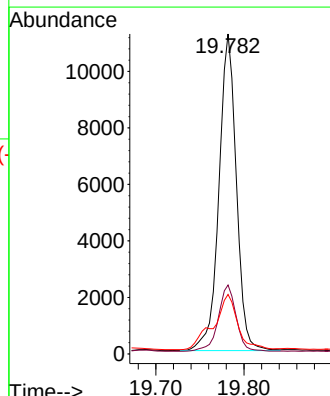
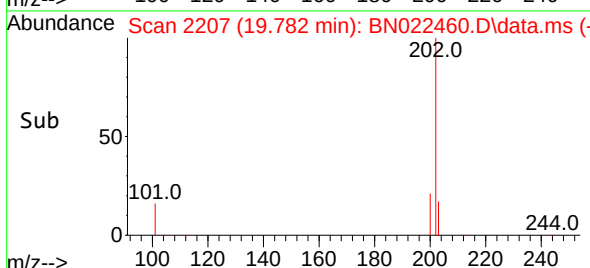
Tgt Ion:202 Resp: 15417

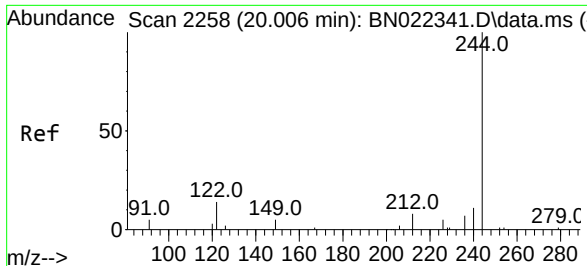
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

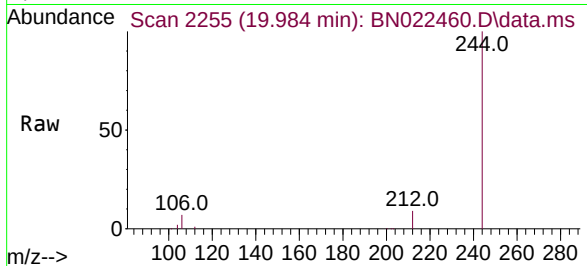
203 24.1 14.2 21.2





#31
 Terphenyl-d14
 Concen: 41.363 ng
 RT: 19.984 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN022460.D
 Acq: 02 Nov 2022 11:39

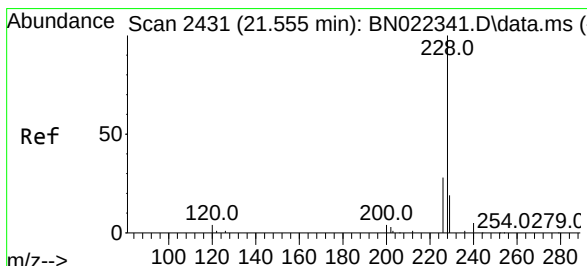
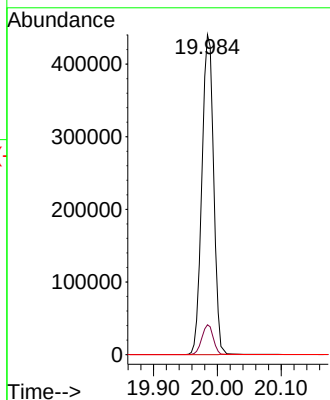
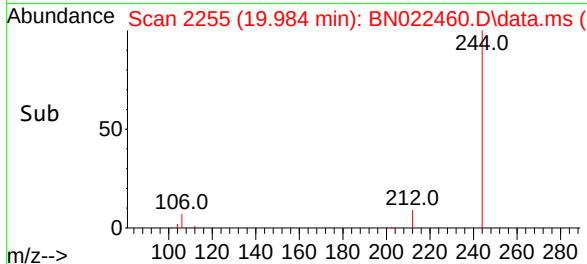
Instrument :
 BNA_N
 ClientSampleId :
 MW-6RDL



Tgt Ion:244 Resp: 80131
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.4
 122 0.0 11.5 17.3

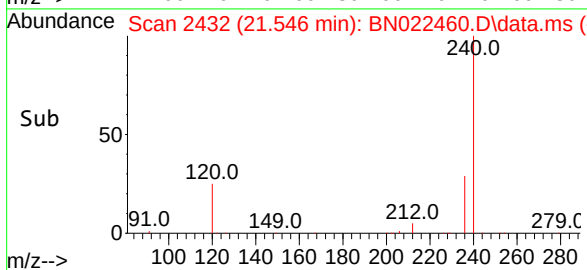
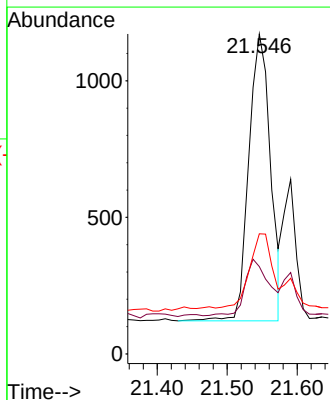
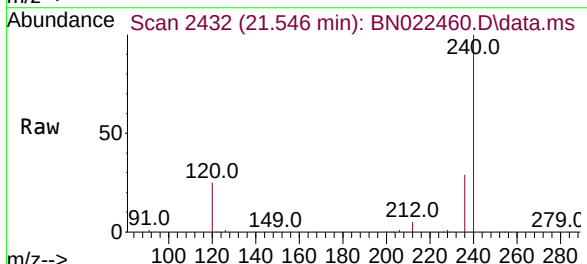
Manual Integrations
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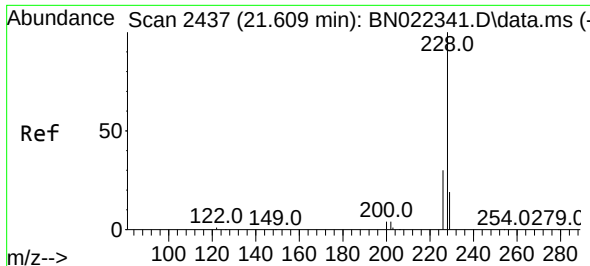
Reviewed By :Christian Giraldo 11/03/2022
 Supervised By :mohammad ahmed 11/07/2022



#32
 Benzo(a)anthracene
 Concen: 0.077 ng
 RT: 21.546 min Scan# 2432
 Delta R.T. 0.009 min
 Lab File: BN022460.D
 Acq: 02 Nov 2022 11:39

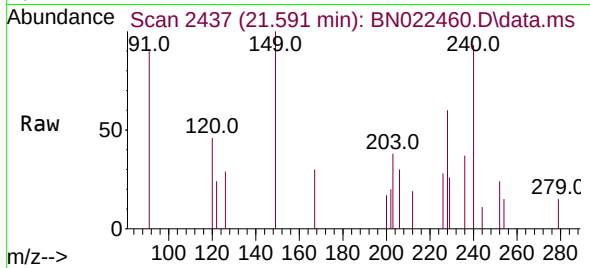
Tgt Ion:228 Resp: 2260
 Ion Ratio Lower Upper
 228 100
 226 27.3 22.6 34.0
 229 37.5 15.5 23.3





#33
Chrysene
Concen: 0.022 ng m
RT: 21.591 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

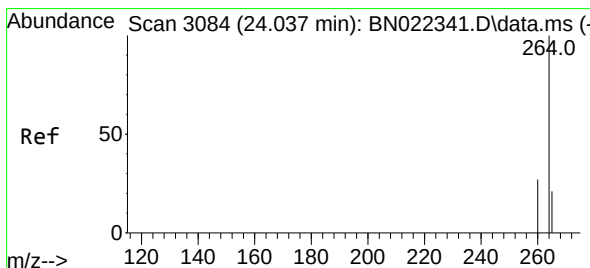
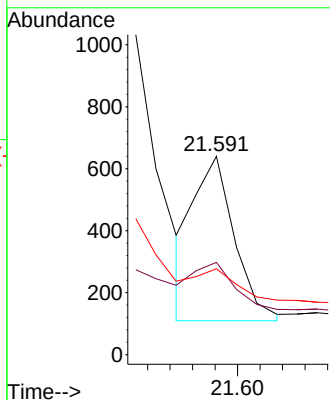
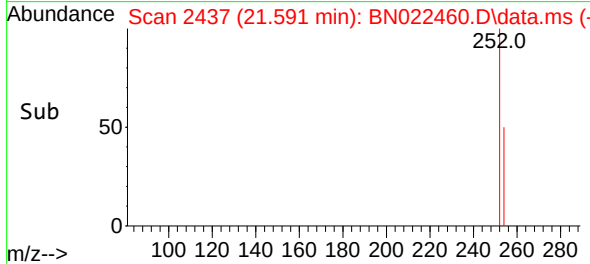
Instrument :
BNA_N
ClientSampleId :
MW-6RDL



Tgt Ion:228 Resp: 674
Ion Ratio Lower Upper
228 100
226 46.6 24.5 36.7
229 43.3 15.6 23.4

Manual Integrations
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Reviewed By :Christian Giraldo 11/03/2022
Supervised By :mohammad ahmed 11/07/2022



#35
Perylene-d12
Concen: 20.000 ng
RT: 24.002 min Scan# 3074
Delta R.T. -0.000 min
Lab File: BN022460.D
Acq: 02 Nov 2022 11:39

Tgt Ion:264 Resp: 344848
Ion Ratio Lower Upper
264 100
260 26.1 22.1 33.1
265 22.4 53.0 79.4

