

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
 Data File : BN022639.D
 Acq On : 14 Nov 2022 14:33
 Operator : CG/JU
 Sample : N5557-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/15/2022
 Supervised By : mohammad ahmed 11/15/2022

Quant Time: Nov 15 00:40:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 15 00:38:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.884	152	1996	0.400	ng	0.00
7) Naphthalene-d8	10.709	136	6263	0.400	ng	# 0.00
13) Acenaphthene-d10	14.632	164	428522	0.400	ng	# 0.07
19) Phenanthrene-d10	17.325	188	6907m	0.400	ng	0.00
29) Chrysene-d12	21.537	240	5502	0.400	ng	0.00
35) Perylene-d12	23.964	264	4220	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	804	0.131	ng	0.00
5) Phenol-d6	7.068	99	967	0.127	ng	0.00
8) Nitrobenzene-d5	9.065	82	1902	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.308	152	3308m	0.318	ng	0.00
14) 2,4,6-Tribromophenol	16.072	330	1023m	0.004	ng	0.00
15) 2-Fluorobiphenyl	13.178	172	6905m	0.004	ng	-0.01
27) Fluoranthene-d10	19.369	212	7696m	0.383	ng	0.00
31) Terphenyl-d14	19.964	244	5997	0.358	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.752	128	147031	7.910	ng	# 95
25) Phenanthrene	17.362	178	88275	3.683	ng	98
30) Pyrene	19.761	202	6472	0.281	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.439	149	5017	0.326	ng	96

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

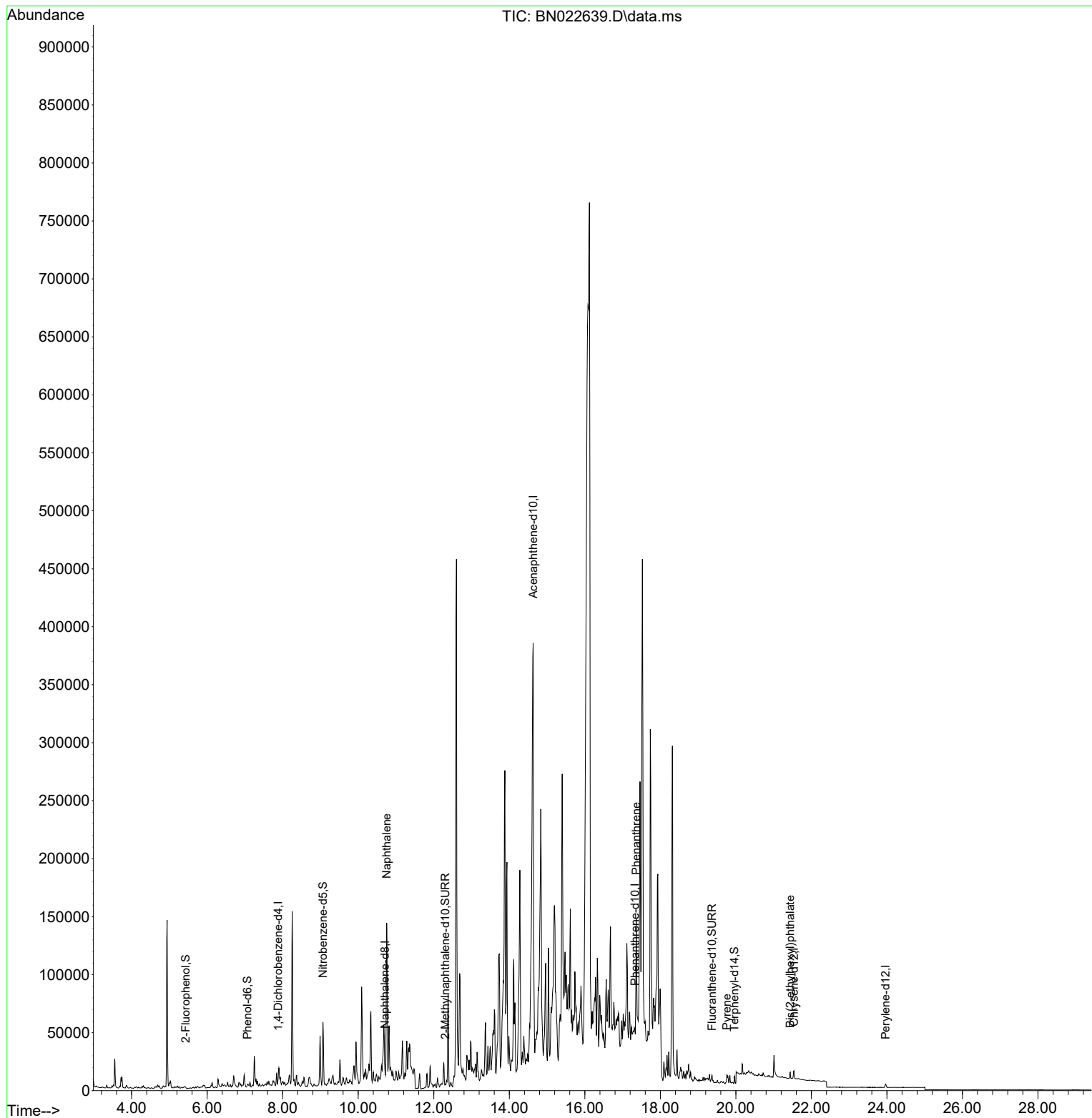
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111422\
Data File : BN022639.D
Acq On : 14 Nov 2022 14:33
Operator : CG/JU
Sample : N5557-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

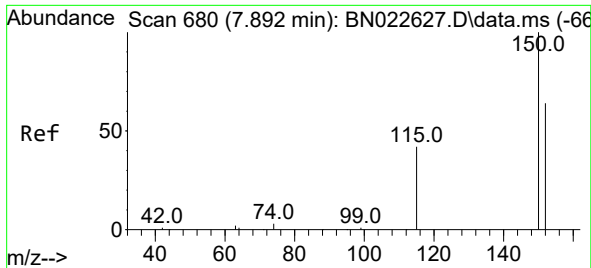
Instrument :
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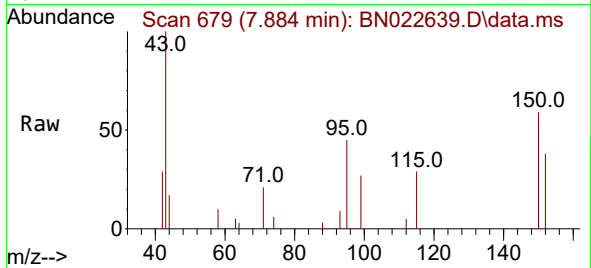
Quant Time: Nov 15 00:40:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 15 00:38:02 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.884 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

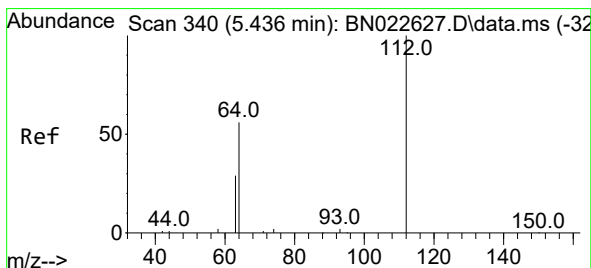
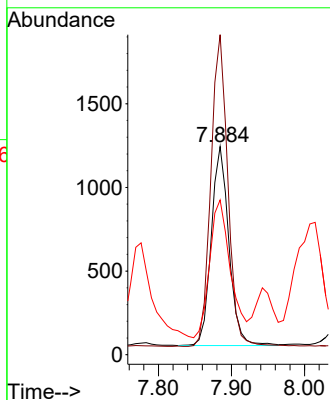
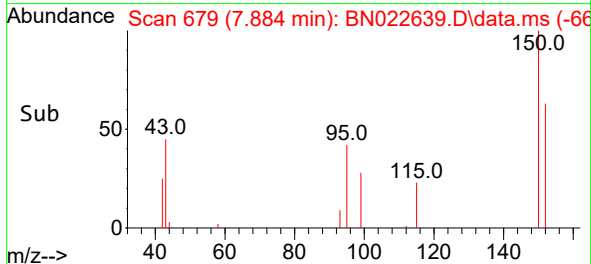
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion:152 Resp: 1990
Ion Ratio Lower Upper
152 100
150 153.7 122.2 183.4
115 74.3 56.3 84.5

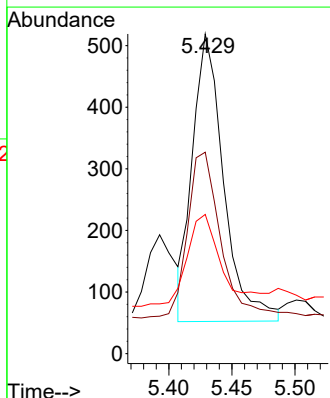
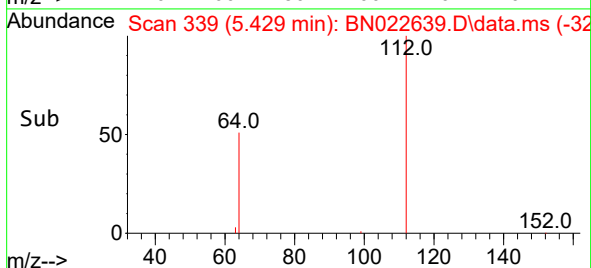
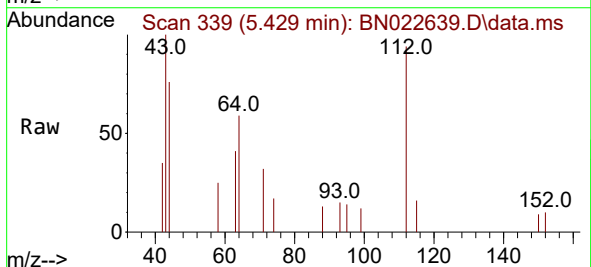
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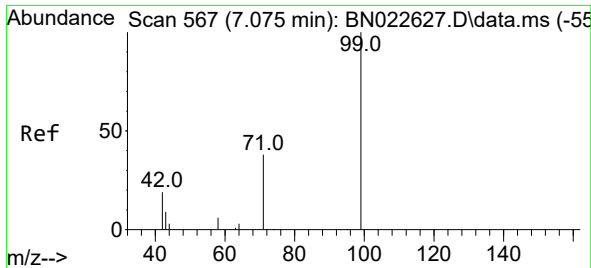
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.429 min Scan# 339
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:112 Resp: 804
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.6
63 35.6 26.0 39.0





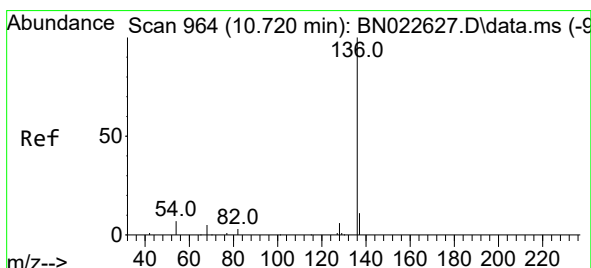
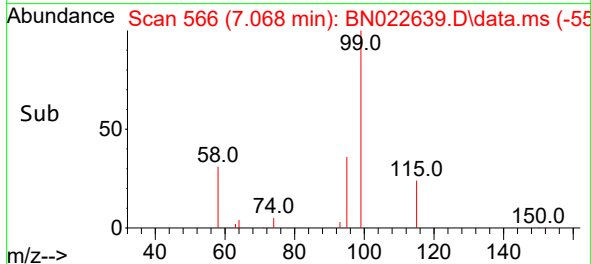
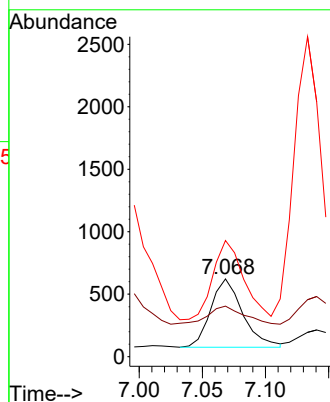
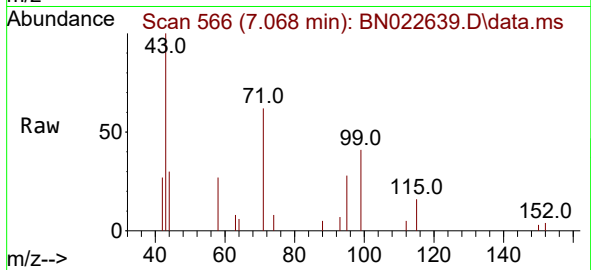
#5
Phenol-d6
Concen: 0.127 ng
RT: 7.068 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Instrument :
BNA_N
ClientSampleId :
MW-14

Tgt Ion: 99 Resp: 96
Ion Ratio Lower Upper
99 100
42 28.3 16.9 25.3
71 111.2 30.2 45.4

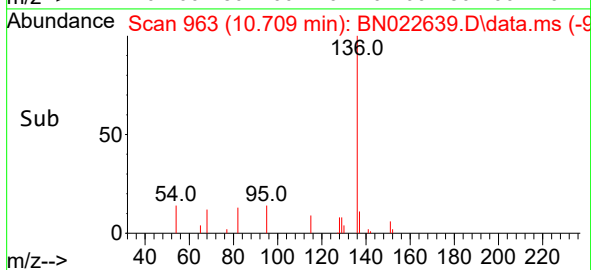
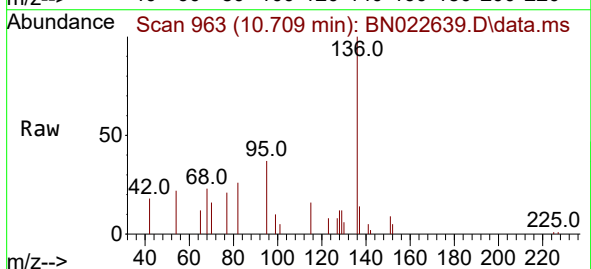
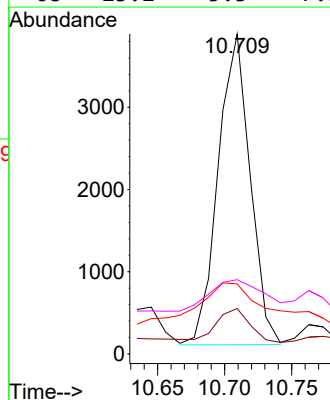
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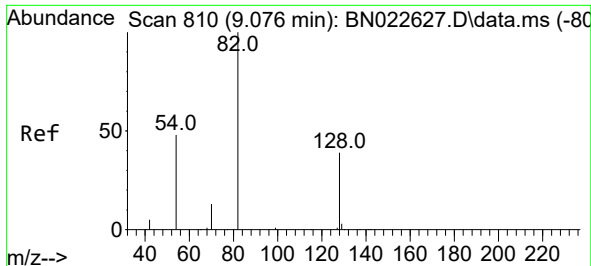
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.709 min Scan# 963
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

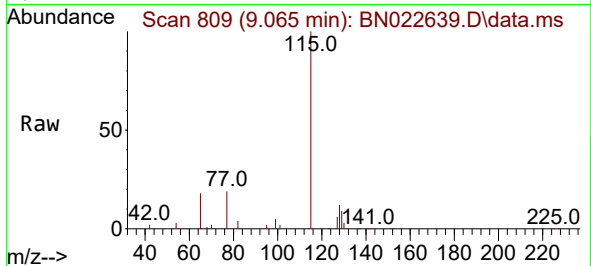
Tgt Ion:136 Resp: 6263
Ion Ratio Lower Upper
136 100
137 14.2 10.0 15.0
54 21.9 7.0 10.4#
68 23.2 5.3 7.9#





#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.065 min Scan# 809
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

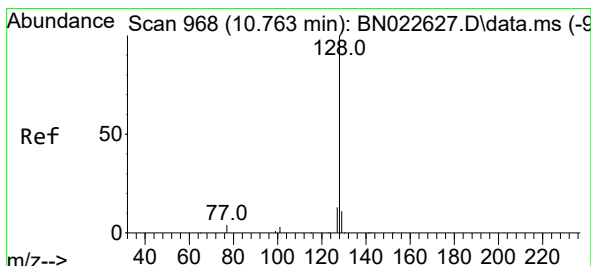
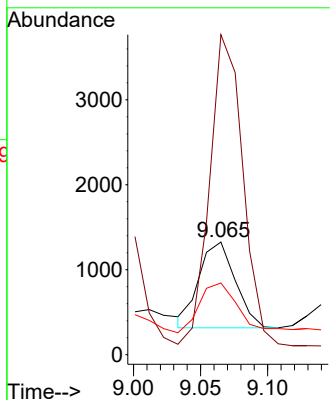
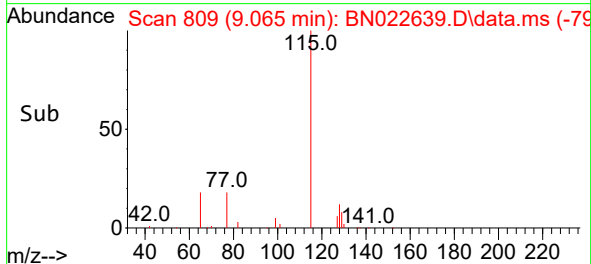
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion: 82 Resp: 1902
Ion Ratio Lower Upper
82 100
128 284.1 34.6 51.8
54 63.6 40.4 60.6

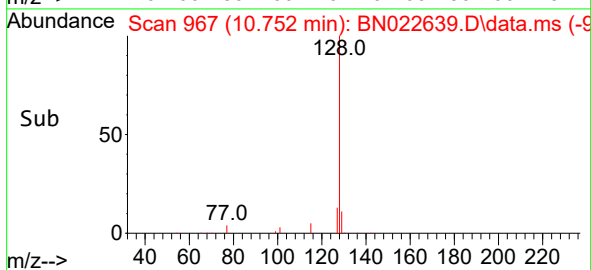
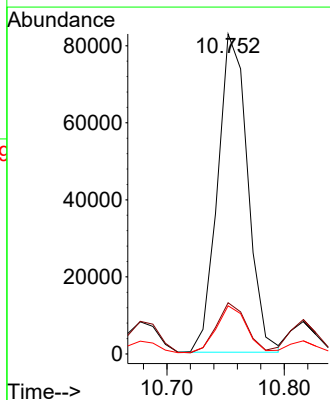
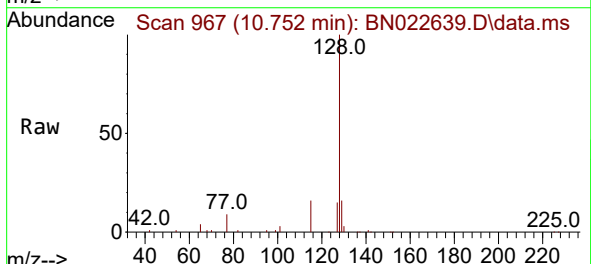
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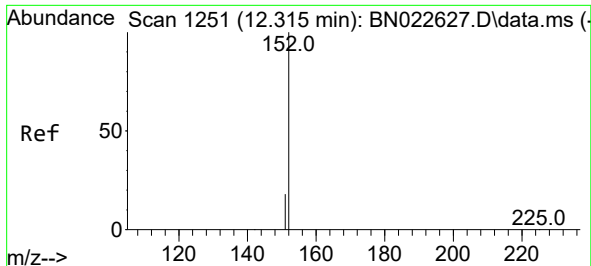
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#9
Naphthalene
Concen: 7.910 ng
RT: 10.752 min Scan# 967
Delta R.T. -0.011 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

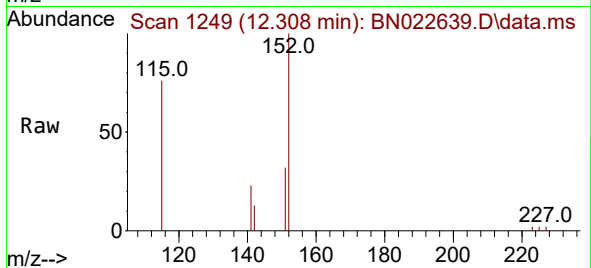
Tgt Ion:128 Resp: 147031
Ion Ratio Lower Upper
128 100
129 16.0 9.9 14.9
127 15.1 11.4 17.2





#11
2-Methylnaphthalene-d10
Concen: 0.318 ng m
RT: 12.308 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

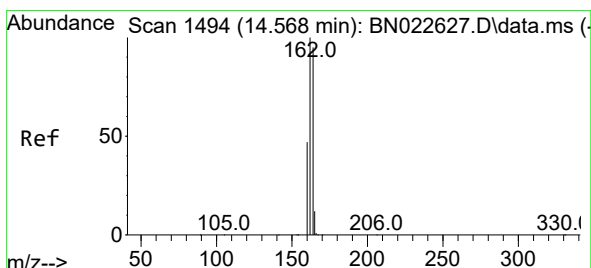
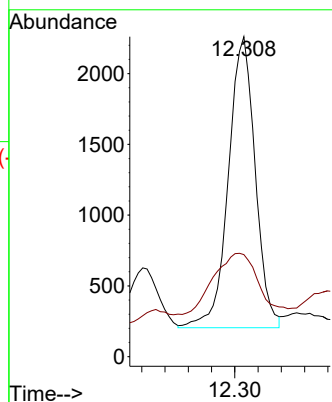
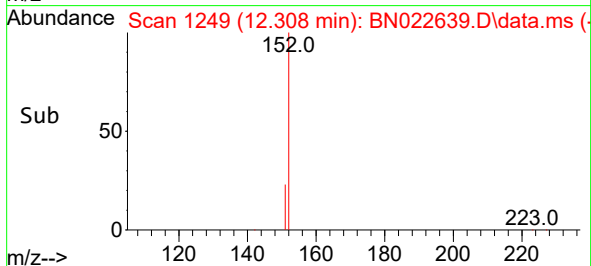
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion:152 Resp: 3308
Ion Ratio Lower Upper
152 100
151 4.5 16.3 24.5

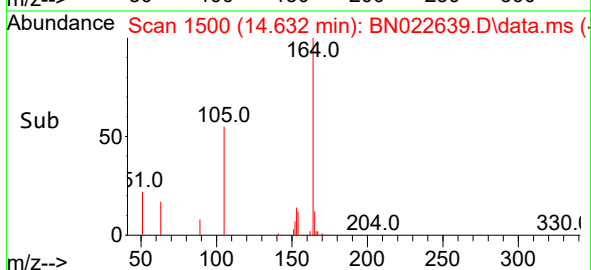
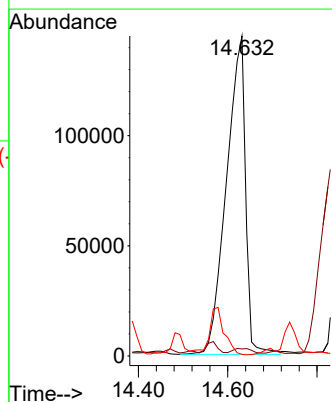
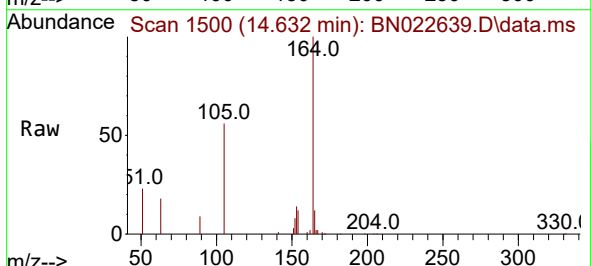
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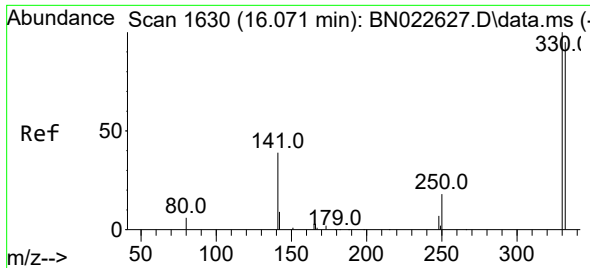
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1500
Delta R.T. 0.075 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

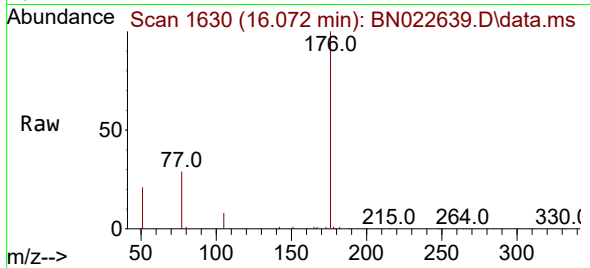
Tgt Ion:164 Resp: 428522
Ion Ratio Lower Upper
164 100
162 2.2 84.1 126.1#
160 0.5 40.2 60.2#





#14
2,4,6-Tribromophenol
Concen: 0.004 ng m
RT: 16.072 min Scan# 1630
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

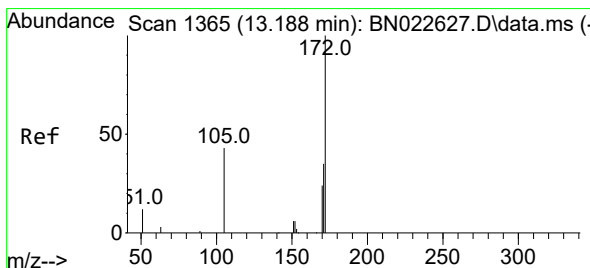
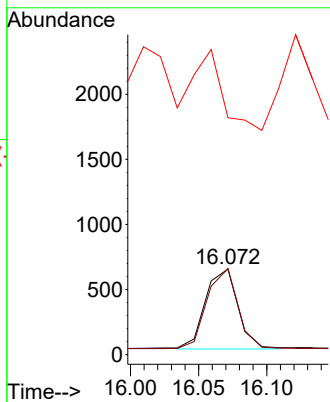
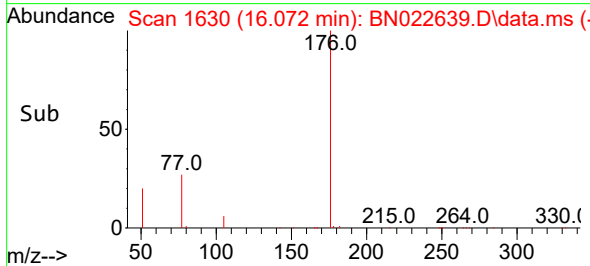
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion: 330 Resp: 1023
Ion Ratio Lower Upper
330 100
332 0.0 77.2 115.8
141 0.0 46.2 69.2

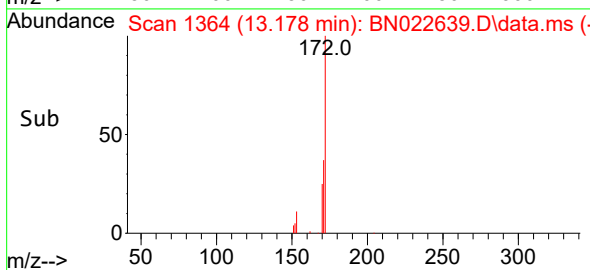
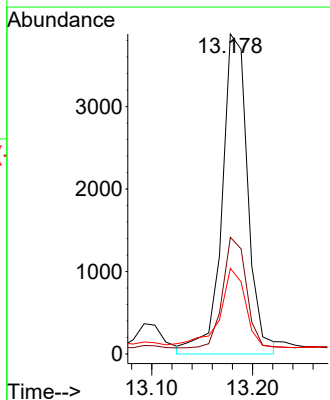
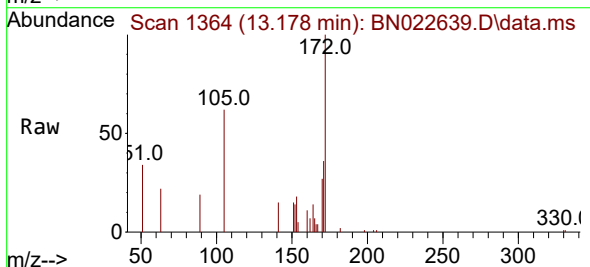
Manual Integrations
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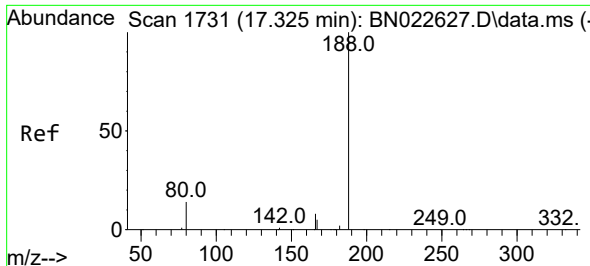
Reviewed By : Christian Giraldo 11/15/2022
Supervised By : mohammad ahmed 11/15/2022



#15
2-Fluorobiphenyl
Concen: 0.004 ng m
RT: 13.178 min Scan# 1364
Delta R.T. -0.011 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

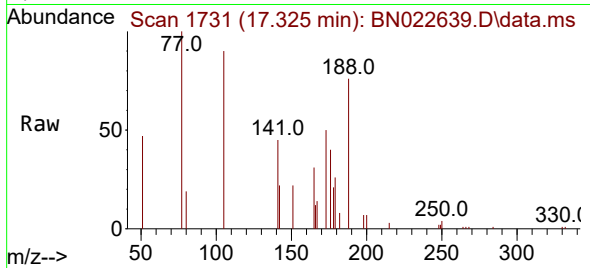
Tgt Ion: 172 Resp: 6905
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 26.8 20.1 30.1





#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.325 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

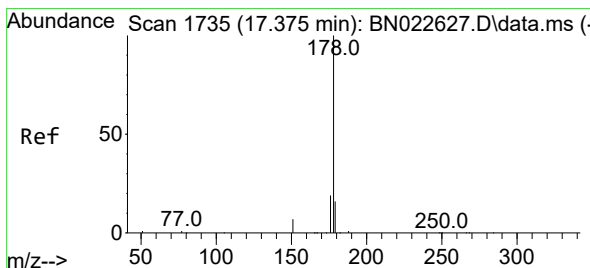
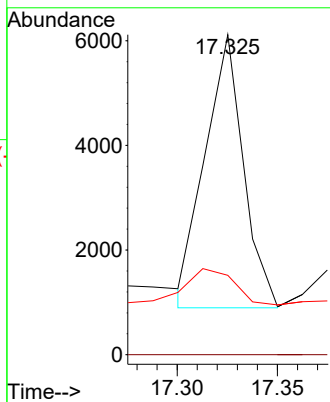
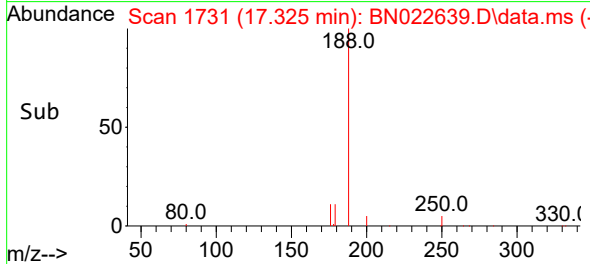
Instrument :
BNA_N
ClientSampleId :
MW-14



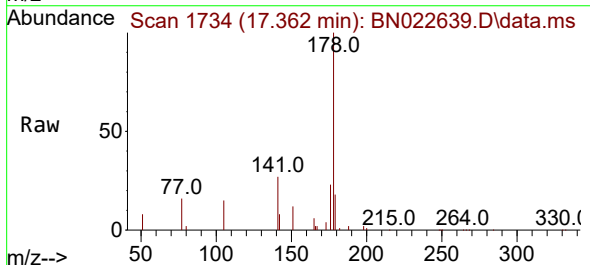
Tgt Ion:188 Resp: 690
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 24.8 12.6 19.0

Manual Integrations
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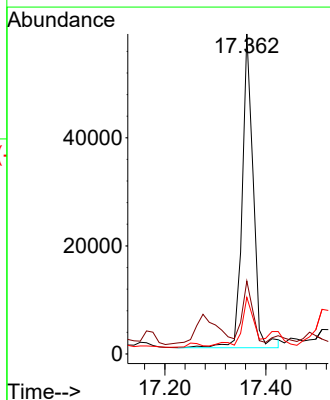
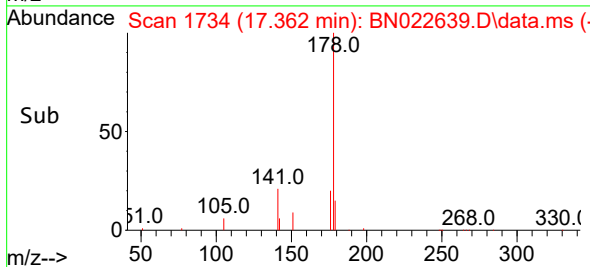
Reviewed By :Christian Giraldo 11/15/2022
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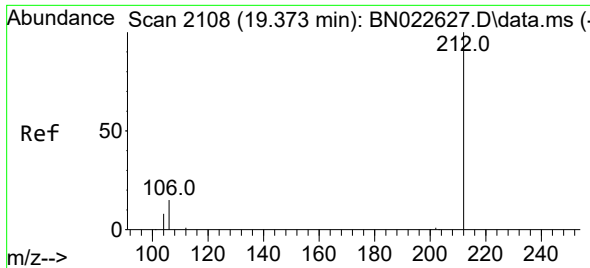


#25
Phenanthrene
Concen: 3.683 ng
RT: 17.362 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33



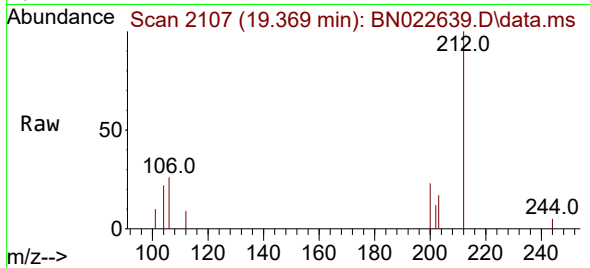
Tgt Ion:178 Resp: 88275
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 17.6 12.6 19.0





#27
Fluoranthene-d10
Concen: 0.383 ng m
RT: 19.369 min Scan# 2107
Delta R.T. 0.004 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

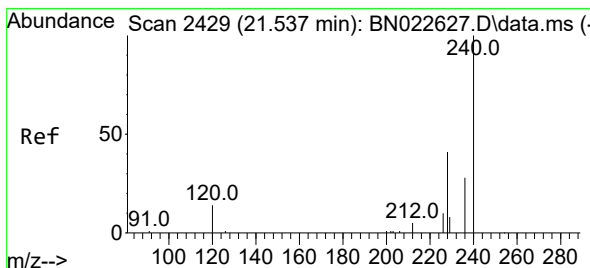
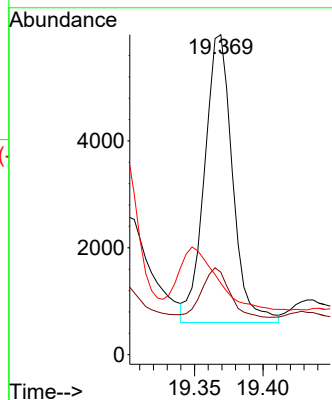
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion:212 Resp: 7690
Ion Ratio Lower Upper
212 100
106 2.6 13.3 19.9
104 0.0 7.8 11.8

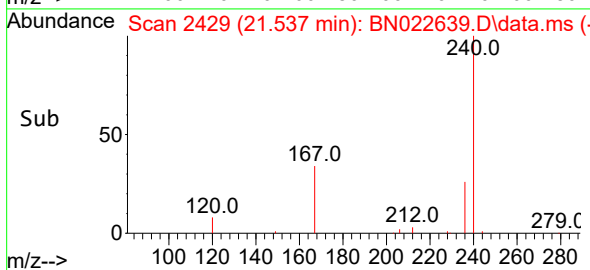
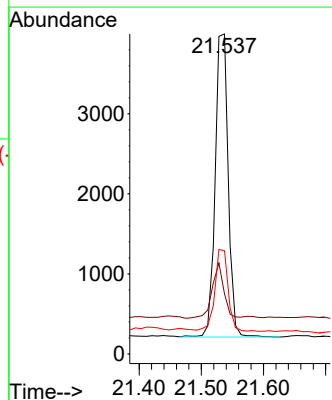
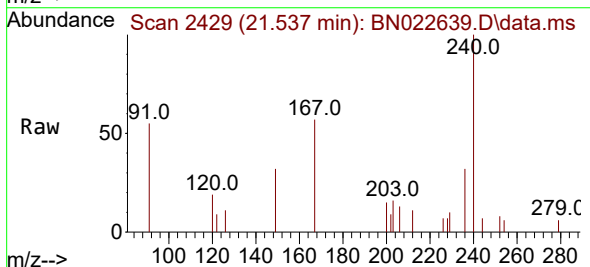
Manual Integrations
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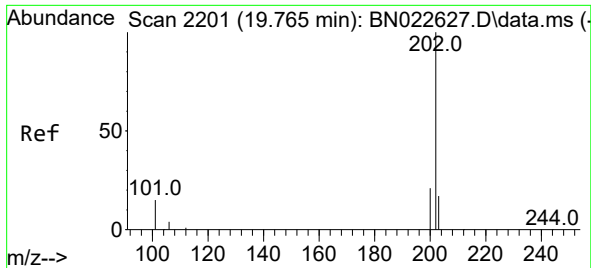
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.537 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:240 Resp: 5502
Ion Ratio Lower Upper
240 100
120 18.7 14.0 21.0
236 32.2 23.4 35.2





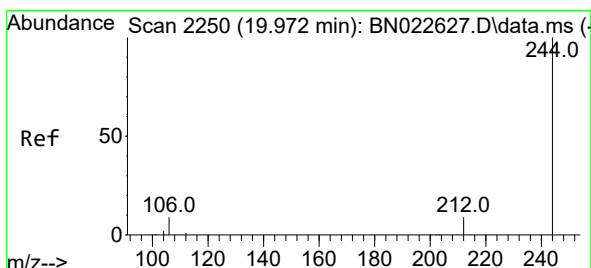
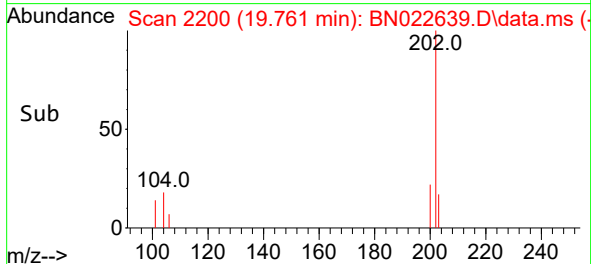
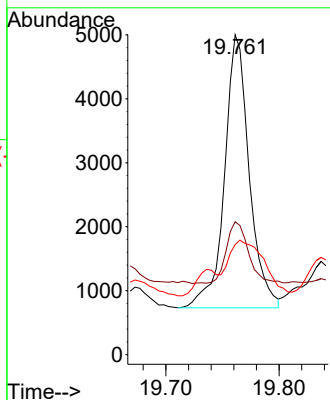
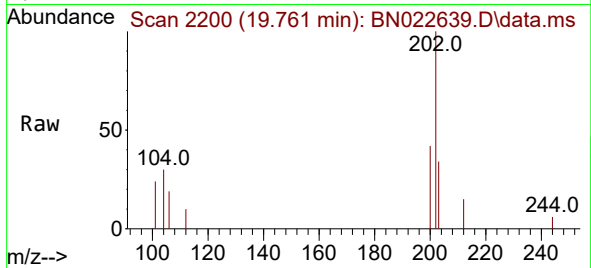
#30
Pyrene
Concen: 0.281 ng
RT: 19.761 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Instrument :
BNA_N
ClientSampleId :
MW-14

Tgt Ion:202 Resp: 6472
Ion Ratio Lower Upper
202 100
200 20.1 17.0 25.4
203 26.5 14.6 22.0

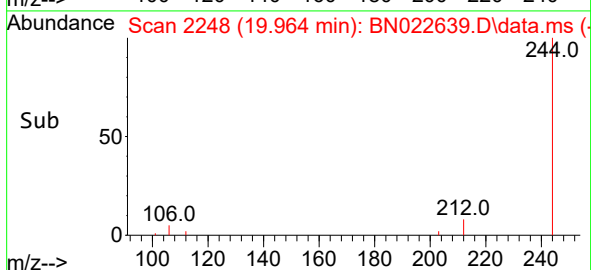
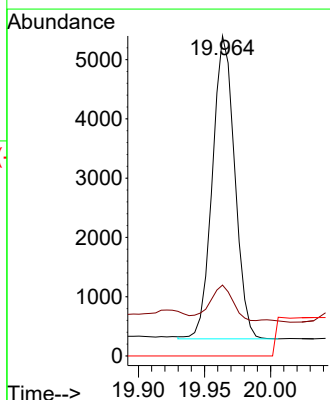
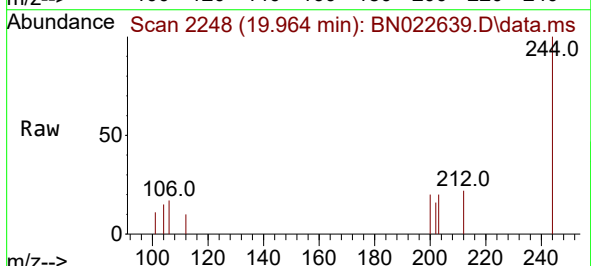
Manual Integrations
APPROVED

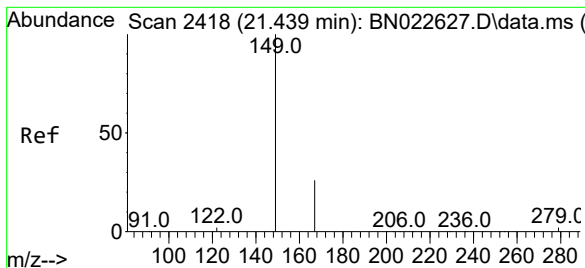
Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#31
Terphenyl-d14
Concen: 0.358 ng
RT: 19.964 min Scan# 2248
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

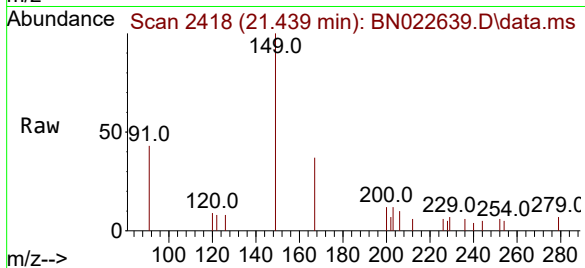
Tgt Ion:244 Resp: 5997
Ion Ratio Lower Upper
244 100
212 22.2 8.3 12.5#
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.326 ng
RT: 21.439 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

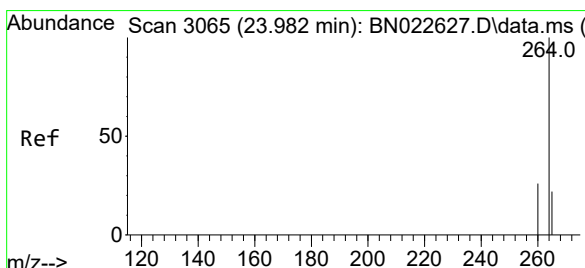
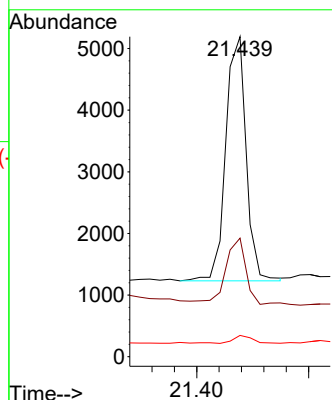
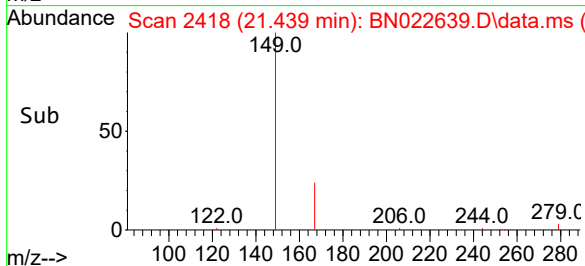
Instrument :
BNA_N
ClientSampleId :
MW-14



Tgt Ion:149 Resp: 501
Ion Ratio Lower Upper
149 100
167 28.8 21.1 31.7
279 2.9 2.8 4.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :mohammad ahmed 11/15/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.964 min Scan# 3059
Delta R.T. -0.003 min
Lab File: BN022639.D
Acq: 14 Nov 2022 14:33

Tgt Ion:264 Resp: 4220
Ion Ratio Lower Upper
264 100
260 28.8 22.0 33.0
265 90.6 60.6 90.8

